



**Memphis Urban Area Metropolitan Planning Organization (MPO)**

**Engineering and Technical Committee**

**Thursday, November 1, 2018 1:30 PM**

UT Health Science Center – Student Alumni Building

800 Madison Avenue - Memphis, Tennessee

*Note: Please fill out a comment card and turn into a MPO staff member to be given the opportunity to speak on any of the agenda items. Comment cards must be submitted before the agenda item is brought to the floor. You will be given up to two minutes to provide your comments.*

- 1) **Call to Order**
- 2) **Approval of August 2, 2018 Minutes** ← ACTION
- 3) **Memphis MPO's Administrator's Report**
  - a) FY 2018 Annual Listing of Obligation Projects
  - b) TDOT 3-Year Project List (FY 2020-22)
  - c) National Award for Excellence in MPO Coordination and Partnership
- 4) **2019 Memphis MPO Calendar** ← ACTION
- 5) **MPO Planning Agreements (2)** ← ACTION
- 6) **Performance Measures Targets** ← PRESENTATION + ACTION
  - a) **PM1 – Safety**
  - b) **PM2 – Infrastructure Condition**
  - c) **PM3 – System Performance**
- 7) **FY 2020-23 Transportation Improvement Program (TIP) Criteria Approval** ← PRESENTATION + ACTION
- 8) **Livability 2040: Regional Transportation Plan (RTP) Amendments** ← ACTION

**Tennessee**

**Note:** The following two (2) RTP amendments were associated with a Shelby County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending on October 29, 2018.

- i. **RTP Amendment: Livability 2040 RTP ID #14 – Union Avenue (US-79)**

The City of Memphis is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by removing the Union Avenue (US-79) Project from the RTP.

ii. **RTP Amendment: Livability 2040 RTP ID #314 – Memphis Innovation Corridor**

The Memphis Area Transit Authority (MATA) is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the Memphis Innovation Corridor Project from 2020 to 2025 and updating the project description.

**Mississippi**

*Note: The following two (2) RTP amendments were associated with a DeSoto County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending on October 29, 2018.*

iii. **RTP Amendment: Livability 2040 RTP ID #37 – McIngvale Road**

The City of Hernando is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the McIngvale Road Project from 2035 to 2021 and updating the project termini and length.

iv. **RTP Amendment: Livability 2040 RTP ID #112 – Commerce Street Extension (SR-304)**

DeSoto County is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the Commerce Street Extension Project from 2020 to 2025 and updating the project description.

9) **FY 2017-20 Transportation Improvement Program (TIP) Amendments** ← ACTION

**TN Local Road Amendments**

*Note: The following one (1) TIP amendment was associated with a Shelby County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending October 29, 2018.*

i. **TIP Amendment STBG-M-2017-04: Union Avenue (US-79)**

The City of Memphis is requesting to amend the FY 2017-20 TIP by removing the Union Avenue project.

**MS Local Road Amendments**

*Note: The following two (2) TIP amendments were associated with a DeSoto County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending October 29, 2018.*

ii. **TIP Amendment MS-LSTP-2015-02: Commerce Street Extension (SR-304)**

DeSoto County is requesting to amend the FY 2017-20 TIP by updating the project description.

iii. **TIP Amendment MS-LSTBG-2017-01: McIngvale Road**

The City of Hernando is requesting to amend the FY 2017-20 TIP by applying construction funding to the project. The amendment will add \$4,177,668 in STBG federal funds and \$1,954,066 in local funds and \$557,506 in HIP federal funds and \$139,377 in local funds to FY 2019 for the construction phase of the project. Additionally, the state is providing a \$1,000,000 state match for the construction phase of the project.

### **Congestion Mitigation and Air Quality (CMAQ) Amendments**

*Note: The following two (2) TIP amendments were associated with an Air Quality Exempt Packet that was submitted to the Interagency Consultation (IAC) Group for review ending on November 5, 2018.*

**iv. TIP Amendment CMAQ-2015-05: Memphis Area Rideshare Program**

The Tennessee Department of Transportation (TDOT) is requesting to amend the FY 2017-20 TIP by adding funds to the project. The amendment will add \$1,436,120 in CMAQ federal funds to FY 2019 as a continuation of Shelby County Health Department's current program.

**v. TIP Amendment CMAQ-2017-04: Greener Premier Taxis and Buses in Memphis**

The University of Tennessee, Knoxville is requesting to amend the FY 2017-20 TIP by adding the Greener Premier Taxis and Buses in Memphis Project, which was awarded a 2016 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$102,622 in CMAQ-S federal funds and \$108,912 in local funds to FY 2019 to the conversion to alternative fuel for vans and a propane fueling system.

*Note: The following one (1) TIP amendment was associated with a Shelby County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending October 29, 2018.*

**vi. TIP Amendment CMAQ-2019-01: Fixed-Route Bus Electrification and Aerotropolis Shuttle Service**

The Memphis Area Transit Authority (MATA) is requesting to amend the FY 2017-20 TIP by adding the Fixed-Route Bus Electrification and Aerotropolis Shuttle Service Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$4,800,000 in CMAQ-S federal funds and \$1,200,000 in local funds to FY 2019 for new transit service, which will serve the Memphis Aerotropolis/International Airport area.

### **Transit Amendments**

*Note: The following one (1) TIP amendment was associated with a Shelby County Air Quality Conformity Determination Report (CDR) that was submitted to the Interagency Consultation (IAC) Group for review ending October 29, 2018.*

**vii. TIP Amendment 5309-2017-01: Memphis Innovation Corridor**

The Memphis Area Transit Authority (MATA) is requesting to amend the FY 2017-20 TIP by updating the project description and applying STBG funding to the Memphis Innovation Corridor Project, for the PE-N/PE-D phases of the project. The amendment will add \$4,800,000 in STBG federal funds and \$1,200,000 in local funds to FY 2019, which was applied from the City of Memphis Union Avenue (US-79) Project.

**10) Other Business**

- i. Next Scheduled ETC Meeting: February 7, 2019 1:30 pm, Location: UT Health Science Center

**11) Adjourn**



**Memphis Urban Area Metropolitan Planning Organization (MPO)  
Engineering and Technical Committee  
Thursday, August 2, 2018 1:30 PM**

UT Health Science Center – Student Alumni Building  
800 Madison Avenue - Memphis, Tennessee

**SUMMARY OF MINUTES**

Ms. Pragati Srivastava called the meeting to order at 1:33 PM. In addition to Ms. Srivastava the following voting members were present at the meeting:

Antoine Hawkins	<i>TDOT</i>	Perry Brown	<i>MDOT</i>
Austin Cardosi	<i>DeSoto County</i>	Keith Briley	<i>Hernando</i>
Vince Malavasi	<i>Horn Lake</i>	B. J. Page	<i>Olive Branch</i>
Shea Skeen	<i>Southaven</i>	Christopher Pate	<i>Oakland</i>
James Crook	<i>Shelby County</i>	Kevin Eason	<i>Shelby County</i>
James Allen	<i>Arlington</i>	Rick McClanahan	<i>Bartlett</i>
Frank McPhail	<i>Collierville</i>	Tim Gwaltney	<i>Germantown</i>
Cory Brady	<i>Lakeland</i>	Randall Tatum	<i>Memphis</i>
Steven Edwards	<i>Memphis</i>	Jason Dixon	<i>Millington</i>
James Hay	<i>MSCAA</i>	Scarlet Ponder	<i>MATA</i>

The following Ex-officio members were present:

Eddie Brawly	<i>W. Memphis MPO</i>
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The following Interested Individuals were present:

Dennis Moultrie	<i>TDOT</i>	Brian Copeland	<i>MDOT</i>
Sonja Owens	<i>SCHD</i>	Terry Glover	<i>City of Memphis</i>
Peter Kauffman	<i>Barge Design Solutions</i>	James Collins	<i>Kimley-Horn</i>
David Stecher	<i>Cannon &amp; Cannon, Inc</i>	Warren Goodson	<i>WH Porter Consultants</i>
Patrick Neal	<i>Pickering Firm</i>	Ben Ledsinger	<i>SSR</i>
Monoochehr Tanhaee	<i>SSR</i>	Suzanne Carlson	<i>Innovate Memphis</i>

The following MPO Staff members were present:

Kate Horton	Sajid Hossain	Alvan-Bidal Sanchez	Jordan Smith
Betty Turner	Nick Warren	Zylavian Watley	Patrick Besselievre

A quorum was present.

**Memphis Urban Area Metropolitan Planning Organization (MPO)**

**Engineering and Technical Committee**

**Thursday, August 2, 2018 1:30 PM**

UT Health Science Center – Student Alumni Building

800 Madison Avenue - Memphis, Tennessee

**1) Call to Order @ 1:33PM**

Ms. Pragati Srivastava called the meeting to order at 1:33 PM.

**2) Approval of April 19, 2018 Minutes**

Mr. James Hay moved to approve the minutes as presented; Mr. B. J. Page seconded the motion and the motion carried without dissent.

**NO DISCUSSION/QUESTIONS**

**3) Memphis MPO’s Administrator’s Report**

Ms. Pragati Srivastava gave an overview of the following items:

- a) MPO Unobligated Balance (TN)
- b) 2018 TDOT Multimodal Access Grant Call for Projects
- c) Highway Infrastructure Program (HIP) Funding
- d) FY 2020-23 Transportation Improvement Program (TIP)
- e) Performance Measures – Transit Asset Management and other upcoming PMs
- f) Upcoming MS TIP Project Status Meeting – September 5<sup>th</sup> at 1:30 pm
- g) New Employee Introduction: Patrick Besselievre

**NO DISCUSSION/QUESTIONS**

**4) Performance Measures Addenda for the Livability 2040: Regional Transportation Plan (RTP) and FY 2017-20 Transportation Improvement Program (TIP)**

Ms. Pragati Srivastava gave a brief overview of the Performance Measures Addenda for the Livability 2040: Regional Transportation Plan (RTP) and FY 2017-20 Transportation Improvement Program (TIP) to incorporate established Safety Performance (PM1) measures and targets; and future Pavement and Bridge Condition (PM2), System Performance (PM3), and Transit Asset Management (TAM) measures and targets.

Mr. Shea Skeen moved to approve the Performance Measures Addenda for the Livability 2040: Regional Transportation Plan (RTP) and FY 2017-20 Transportation Improvement Program (TIP) as presented; Mr. B. J. Page seconded the motion and the motion carried without dissent.

**NO DISCUSSION/QUESTIONS**

**5) Livability 2050: Regional Transportation Plan (RTP) Plan Development Update and Recommended Funding Scenario Approval**

Mr. James Collins gave a presentation on the Livability 2050: Regional Transportation Plan (RTP) Plan Development Update and Recommended Funding Scenario Approval.

Mr. B. J. Page moved to approve the Livability 2050: Regional Transportation Plan (RTP) Plan Development Update and Recommended Funding Scenario Approval as presented; Mr. Tim Gwaltney seconded the motion and the motion carried without dissent.

**DISCUSSION/QUESTIONS**

Mr. B. J. Page suggested using the terminology “Planning Scenario Approval” instead of “Funding Scenario Approval”. Ms. Pragati Srivastava responded that we would make that change.

**6) Livability 2040: Regional Transportation Plan (RTP) Amendments**

Ms. Pragati Srivastava gave a brief overview of the Livability 2040: Regional Transportation Plan (RTP) Amendments.

**i. RTP Amendment: Livability 2040 RTP ID #64 – SR-14 (Austin Peay)**

The Tennessee Department of Transportation (TDOT) is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the SR-14 (Austin Peay) Project from 2035 to 2025.

**ii. RTP Amendment: Livability 2040 RTP ID #71 – Walnut Grove Road East**

The City of Memphis is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the Walnut Grove Road East Project from 2020 to 2025.

**iii. RTP Amendment: Livability 2040 RTP ID #325 – Forest Hill Irene Road**

The City of Memphis is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the Forest Hill Irene Project from 2020 to 2030.

**iv. RTP Amendment: Livability 2040 RTP ID #182 – Wilkinsville Road**

The Town of Millington is requesting to amend the Livability 2040: Regional Transportation Plan (RTP) by changing the horizon year of the Wilkinsville Road Project from 2020 to 2025.

Mr. Christopher Pate moved to approve the Livability 2040: Regional Transportation Plan (RTP) Amendments as presented; Mr. Stephen Edwards seconded the motion and the motion carried without dissent.

**NO DISCUSSION/QUESTIONS**

**7) FY 2017-20 Transportation Improvement Program (TIP) Amendments**

Ms. Pragati Srivastava gave a brief overview on the FY 2017-20 Transportation Improvement Program (TIP) Amendments.

**TN State Road Amendments**

**i. TIP Amendment TN-STBG-2017-02: SR-14 (Austin Peay)**

The Tennessee Department of Transportation (TDOT) is requesting to amend the FY 2017-20 TIP by adding funds to the SR-14 Project, from SR-385 to east of Kerrville-Rosemark Road. The amendment will add \$30,000,000 in ACSTBG state funds to FY 2018 for the construction phase of the project.

**ii. TIP Amendment TN-NHPP-2019-01: SR-4 (US-78/Lamar Avenue)**

The Tennessee Department of Transportation (TDOT) is requesting to amend the FY 2017-20 TIP by adding the SR-4 (US-78/Lamar Avenue) Project, from the Raines/Perkins Road Interchange to Getwell Road into the TIP. The amendment will add \$34,560,000 in NHPP federal funds and \$8,640,000 in state funds to FY 2019 for the ROW phase of the project.

**iii. TIP Amendment TN-NHPP-2019-02: SR-385 (ITS Expansion)**

The Tennessee Department of Transportation (TDOT) is requesting to amend the FY 2017-20 TIP by adding the SR-385 ITS Expansion Project into the TIP. The amendment will add \$80,000 in NHPP federal funds and \$20,000 in state funds to FY 2019 for the PE-N phase of the project and \$240,000 in NHPP federal funds and \$60,000 in state funds to FY 2019 for the PE-D phase of the project.

**TN Local Road Amendments**

**iv. TIP Amendment STP-M-2006-01: Old Brownsville Road**

The City of Bartlett is requesting to amend the FY 2017-20 TIP by applying the construction funding to the Old Brownsville Road Project. The amendment will add \$18,400,000 in STBG federal funds and \$4,600,000 in local funds to FY 2019 for the construction phase of the project.

**v. TIP Amendment STP-M-2014-07: Germantown Road at Wolf River Boulevard Intersection Improvements**

The City of Germantown is requesting to amend the FY 2017-20 TIP by applying the construction funding to the Germantown Road at Wolf River Boulevard Intersection Improvements project. The amendment will add \$3,280,000 in STBG federal funds and \$820,000 in state funds to FY 2019 for the construction phase of the project.

**vi. TIP Amendment STP-M-2006-09: Holmes Road East**

The City of Memphis is requesting to amend the FY 2017-20 TIP by applying the construction funding to the Holmes Road East Project. The amendment will add \$12,498,397 in STBG federal funds and \$3,124,599 in local funds to FY 2019 for the construction phase of the project.

**vii. TIP Amendment STP-M-2000-16: Walnut Grove Road East**

The City of Memphis is requesting to amend the FY 2017-20 TIP by removing the Walnut Grove Road East Project.

**viii. TIP Amendment STP-M-2000-22: Forest Hill Irene Road**

The City of Memphis is requesting to amend the FY 2017-20 TIP by removing the Forest Hill Irene Project.

**ix. TIP Amendment STP-M-2014-05: Navy Road Streetscape and Median**

The City of Millington is requesting to amend the FY 2017-20 TIP by applying the construction funding to the Navy Road Streetscape and Median Project. The amendment will add \$2,500,000 in STBG federal funds and \$625,000 in local funds to FY 2019 for the construction phase of the project.

**x. TIP Amendment STP-M-2014-11: Wilkinsville Road**

The City of Millington is requesting to amend the FY 2017-20 TIP by removing the Wilkinsville Road Project.

**MS Local Road Amendments**

**xi. TIP Amendment MS-LSTBG-2017-01: McIngvale Road:**

The City of Hernando is requesting to amend the FY 2017-20 TIP by adding construction funding to the McIngvale Road Project. The amendment will add \$3,210,572 in federal STBG funds and \$2,093,443 in local funds to FY 2018 for the construction phase of the project. Both the City of Hernando and DeSoto County are providing local matching funds for the project as noted on the TIP page.

**Congestion Mitigation and Air Quality (CMAQ) Amendments**

**xii. TIP Amendment CMAQ-2008-02: Air Quality Outreach**

The Shelby County Health Department is requesting to amend the FY 2017-20 TIP by adding funds to the Air Quality Outreach Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$200,000 in CMAQ-S federal funds and \$50,000 in local funds to FY 2019 to continue the public education and outreach campaign focused on clean air.

**xiii. TIP Amendment CMAQ-2015-03: Commute Options Travel Demand Management Initiative**

Innovate Memphis is requesting to amend the FY 2017-20 TIP by adding funds to the Commute Options Travel Demand Management Initiative, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$462,260 in CMAQ-S federal funds and \$115,565 in local funds to FY 2019 to continue development of a program to reduce drive-alone commuting.

**xiv. TIP Amendment CMAQ-2018-01: Memphis New Traffic Signals**

The City of Memphis is requesting to amend the FY 2017-20 TIP by adding the Memphis New Traffic Signals Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$1,030,000 in CMAQ-S federal funds to FY 2019 to install two new traffic signals.

**xv. TIP Amendment CMAQ-2018-02: Democrat Road Signal System**

The City of Memphis is requesting to amend the FY 2017-20 TIP by adding the Democrat Road Signal System Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$1,230,000 in CMAQ-S federal funds to FY 2019 to coordinate the operation of 6 traffic signals along Democrat Road from Airways to Lamar.

**xvi. TIP Amendment CMAQ-2018-03: Hollywood Street Project**

The City of Memphis is requesting to amend the FY 2017-20 TIP by adding the Hollywood Street Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$1,769,400 in CMAQ-S federal funds and \$1,179,600 in local funds to FY 2019 to fund protected bicycle-pedestrian facilities on and adjacent to two perpendicular streets in North Memphis, Chelsea Avenue and Hollywood Street.

**xvii. TIP Amendment CMAQ-2018-04: Watkins-Presley On-Street Project**

The City of Memphis is requesting to amend the FY 2017-20 TIP by adding the Watkins-Presley On-Street Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$4,865,940 in CMAQ-S federal funds and \$3,243,960 in local funds to FY 2019 to fund appropriate bicycle-pedestrian facilities on North Watkins Street, Cleveland Street, Bellevue Boulevard, and Elvis Presley Boulevard.

**xviii. TIP Amendment CMAQ-2018-05: Fixed-Route Bus Electrification Project**

The Memphis Area Transit Authority (MATA) is requesting to amend the FY 2017-20 TIP by adding the Fixed-Route Bus Electrification Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$11,120,000 in CMAQ-S federal funds and \$2,780,000 in local funds to FY 2019 to fund the purchase of 10 all-electric buses, 8 electric charging stations, and 4 opportunity charging stations.

**xix. TIP Amendment CMAQ-2018-06: Bike Share: Installation and Promotion of Campus Smart Bike Share**

The University of Memphis is requesting to amend the FY 2017-20 TIP by adding the Bike Share: Installation and Promotion of Campus Smart Bike Share Project, which was awarded a 2017 Congestion Mitigation and Air Quality Program (CMAQ) grant through the Tennessee Department of Transportation (TDOT). The amendment will add \$557,568 in CMAQ-S federal funds and \$139,392 in local funds to FY 2019 to fund the installation of 6 bike share stations and 60 bikes at the University of Memphis.

**Transit Amendments**

**xx. TIP Amendment 5339-2018-01 Paratransit Vehicles**

The Memphis Area Transit Authority (MATA) is requesting to amend the FY 2017-20 TIP by adding the Paratransit Vehicles Project. The amendment will add \$1,354,235 in 5339 federal funds, \$643,817 in state

**ETC Item #2**

funds, and \$222,005 in local funds to FY 2018 for the purchase of up to 50 paratransit vehicles and will replace some of MATA's paratransit vehicles that have met their useful life.

Mr. Stephen Edwards moved to approve the FY 2017-20 Transportation Improvement Program (TIP) Amendments as presented; Mr. Keith Briley seconded the motion and the motion carried without dissent.

**DISCUSSION/QUESTIONS**

Mr. B. J. Page inquired about the source of funding for the City of Hernando's McIngvale Road project. Ms. Pragati Srivastava responded that the City of Hernando gave up funding for their projects and both the City of Hernando and DeSoto County were applying additional matching funds for the construction phase of the project.

Mr. Kevin Eason inquired if the projects being removed, by the City of Memphis, due to annexation would be added back into the TIP. Ms. Pragati Srivastava responded that would be a discussion for the City of Memphis and Shelby County for the upcoming TIP cycle.

**8) Other Business**

Next Scheduled ETC Meeting: November 1, 2018 1:30 pm, Location: UT Health Science Center

**NO DISCUSSION/QUESTIONS**

**9) Adjourn @ 2:13 PM**

Mr. B. J. Page moved to adjourn; Mr. Stephen Edwards seconded the motion, and the meeting was adjourned at 2:13 PM.

**Note:** *The meeting minutes are a summary of the meeting. If you would like to review the tape recording of the entire meeting you may do so by scheduling an appointment with Kate Horton, Transportation Planner at (901) 636-7218*

# List of 2018 Federally Obligated Projects

for the Memphis Urban Area Metropolitan Planning Organization

[*Lista de Proyectos Federales Obligados en 2018 por la Memphis MPO*]



**Memphis MPO**  
METROPOLITAN PLANNING ORGANIZATION

*Strengthening Regional Transportation*

This document is available in accessible formats (such as foreign language versions or large-print and gray-scale versions, among others) when requested ten (10) calendar days in advance.

This document was prepared and published by the Memphis Urban Area Metropolitan Planning Organization (MPO) and is prepared in cooperation with and financial assistance from the following public entities: The Federal Transit Administration (FTA), the Federal Highway Administration (FHWA), the Tennessee Department of Transportation (TDOT), the Mississippi Department of Transportation (MDOT), as well as the City of Memphis, Shelby County, Tennessee, and DeSoto County, Mississippi. This financial assistance notwithstanding, the contents of this document do not necessarily reflect the official view or policies of the funding agencies.

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**Memphis MPO**  
METROPOLITAN PLANNING ORGANIZATION

*Strengthening Regional Transportation*

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## I. MPO OVERVIEW

### A. ACRONYMS

AC	Advance Construction
ATAC	Active Transportation Advisory Committee
ETC	Engineering and Technical Committee
FAC	Freight Advisory Committee
FAST Act	Fixing America's Surface Transportation Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year
IAC	Interagency Consultation Committee
ITS	Intelligent Transportation Systems
MAP-21	Moving Ahead for Progress in the 21st Century Act
MATA	Memphis Area Transit Authority
MDOT	Mississippi Department of Transportation
MPO	Metropolitan Planning Organization
PLAC	Planning and Land Use Committee
STIP	Statewide Transportation Improvement Program
TDOT	Tennessee Department of Transportation
MDOT	Mississippi Department of Transportation
TIP	Transportation Improvement Program
Title VI	Title VI of the U.S. Civil Rights Act of 1964, as amended
TPB	Transportation Policy Board

### FUNDING TYPES\*

BRR	Bridge Replacement and Rehabilitation
CMAQ	Congestion Mitigation & Air Quality
DEMO	Demonstration Funds
ENH	Enhancement Grant
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
NHPP	National Highway Performance Program
NHS	National Highway System
SRTS	Safe Routes to School / Safe Routes to School Program
STBG	Surface Transportation Block Grant ( <i>STP under previous legislation</i> )
TA	Transportation Alternatives Program ( <i>TAP under previous legislation</i> )
TIGER IV	Transportation Investment Generating Economic Recovery (TIGER IV)
5307	FTA Urbanized Area Formula Program
5337	FTA State of Good Repair Program

\* For a more detailed description of these funding sources please see **Section V. Explanation of Funding Sources**.

## I. MPO OVERVIEW

### B. THE MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION

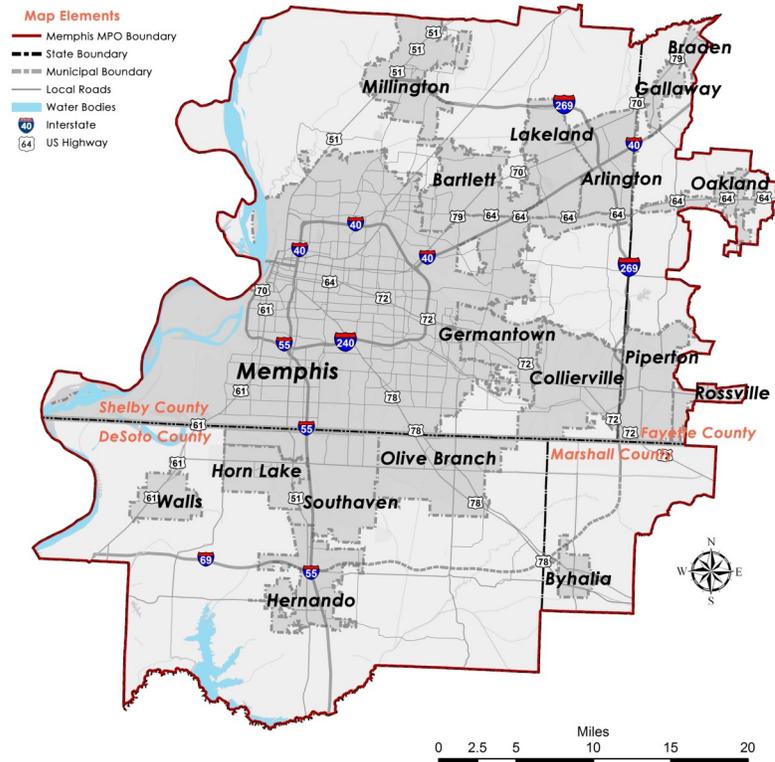
The Memphis Urban Area Metropolitan Planning Organization (MPO) was created in 1977 and has the lead responsibility to ensure that the transportation planning process is being carried out in accordance with federal and state regulations. Federal regulations require that an MPO be designated to carry out a comprehensive, continuing and coordinated ("3-C") transportation planning process for urbanized areas (as defined by the U.S. Bureau of Census) with a population of 50,000 or more.

The Memphis MPO is comprised of eighteen municipalities and four counties as illustrated in **Figure I**.

The MPO boundary includes all of Shelby County and a portion of western Fayette County in Tennessee. The boundary also includes all of DeSoto County and a portion of western Marshall County in Mississippi.

The Memphis MPO consists of 24 representatives from 18 municipalities and 4 counties, Memphis Area Transit Authority (MATA), Memphis-Shelby County Airport Authority (MSCAA), Memphis-Shelby County Port Commission (MSCPC), and representatives from the Tennessee Department of Transportation (TDOT) and Mississippi Department of Transportation (MDOT). The Memphis and Shelby County Division of Planning and Development (DPD), Department of Regional Services provides the administrative and technical staff for the Memphis MPO. The Memphis MPO is governed by the Transportation Policy Board (TPB) and is served by the following advisory committees, including the Engineering and Technical Committee (ETC), Active Transportation Advisory Committee (ATAC), Interagency Consultation Committee (IAC), Freight Advisory Committee (FAC), and the Planning and Land Use Committee (PLAC).

**Figure I: Memphis MPO Boundary**



## II. ABOUT THIS REPORT

### A. FEDERAL GUIDANCE

As the designated metropolitan planning organization for the region, the MPO is required by Federal law to prepare a Transportation Improvement Program (TIP) to indicate how the Regional Transportation Plan (RTP) will be implemented. Preparation of the TIP is required by federal legislation known as Fixing America's Surface Transportation Act (Pub. L. 114-94, FAST) and by the Metropolitan Planning Regulations (23 CFR 450.326) of the United States Department of Transportation (USDOT). The MPO's current TIP covers the Fiscal Years 2017-20, from October 1, 2016 to September 30, 2020 and provides a prioritized list of multimodal transportation projects within the Memphis MPO Planning Area.

The current transportation bill, FAST Act, requires the MPOs to publish an Annual Listing of Obligated Projects (23 CFR 450.334) for which funds have been obligated in the preceding year as a record of project delivery and a progress report for public information and disclosure. In addressing FAST Act requirements, this report lists all transportation projects in the Memphis Area MPO's Planning Area that were obligated during Fiscal Year 2018 (October 1, 2017 - September 30, 2018).

The Federal Highway Administration (FHWA) defines obligation as the Federal government's legal commitment (promise) to pay or reimburse a State or other entity for the Federal share of a project's eligible costs.<sup>1</sup> An obligated project is one that has been authorized by the federal government and funds have been obligated or approved for reimbursement. For FHWA projects, an obligation takes place when a project agreement is executed and the State/grantee requests that the funds be obligated.

The projects listed in this report have been developed in accordance with FHWA/FTA preliminary guidance. The guidance establishes a framework for developing the information in a user friendly and accessible format. It is the primary responsibility of the MPO to prepare the list, and it is the MPO's Transportation Improvement Program (TIP) that serves as a basis for the information. However, the MPO's TIP identifies projects within the fiscal year that project implementation is anticipated rather than when the project received Federal authorization. Therefore, the obligated list of projects must be developed through a cooperative effort with state and public transportation operators responsible for tracking project authorizations and obligations.

<sup>1</sup> U.S. Department of Transportation Federal Highway Administration, *Funding Federal-aid Highways* – Publication No. FHWA-PL-17-011, January, 2017

## II. ABOUT THIS REPORT

### B. TRANSPORTATION IMPROVEMENT PROGRAM

The Transportation Improvement Program (TIP) lists transportation projects over a four year period that will be funded, at least in part, with funds from the FHWA and/or the FTA. The TIP is the mechanism by which projects in the 2040 Regional Transportation Plan (RTP) are built. The TIP provides the opportunity to select projects to implement the transportation planning goals expressed in the MPO's adopted RTP. In order for a project to be included in the TIP, it must be in one of the fiscally constrained RTP project lists. The FY 2017-2020 TIP serves as a 4-year financially feasible program of transportation improvements.

TIP projects are consistent with federal transportation regulations and accordingly, all TIP projects become part of TDOT's and MDOT's State Transportation Improvement Program (STIP). These projects are financially constrained and implementable for each year. The MPO's Transportation Policy Board (TPB) adopted the current FY 2017-20 TIP on August 25, 2016. The TIP is amended/adjusted periodically to add new projects, delete projects, change funding amounts and fiscal years etc. A Memorandum of Agreement between the Memphis MPO and the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) describes the procedures used by the Memphis MPO to process these amendments and adjustments to meet the federal requirements.

The content of the annual listing of projects is consistent with the projects listed in the MPO's TIP. This includes project name and identification numbers, project location, project description, as well as the amount of funds programmed in the TIP. Fund obligations are a measure of the progress being made on a project. As such, the Annual List of Obligated Projects is prepared at the end of the federal fiscal year to identify which projects obligated funding during the fiscal year.

Projects for which funds have been obligated are not necessarily initiated or completed in the program year, and the amount of the obligation will not necessarily equal the total cost of the project. It is possible that obligated funds exceed the amount estimated in the TIP. It is also possible that unused funds may be credited back when not needed at the completion of a project phase resulting in a deobligation.

### III. SUMMARY OF 2018 OBLIGATED PROJECTS

#### A. BY PROJECT TYPE

The MPO tracks the obligated funds for transportation projects within the Memphis MPO Planning Area. **Table I** shows the **total obligation for FY 2018 was \$191,788,413.15** with \$106,305,637.25 in Tennessee projects, \$71,518,775.90 in Mississippi projects, and \$13,964,000.00 in transit projects. The obligated funds for FY 2018 has increased by 10.1% from FY 2017 when with the total obligation was \$174,234,780.73

**Table I: FY 2017/18 Obligation Comparison**

Federally Obligated Projects: FY 2017 & 2018 Comparison		
	2017	2018
Tennessee Projects	\$86,923,270.73	\$106,305,637.25
Mississippi Projects	\$62,201,072.00	\$71,518,775.90
Transit Projects	\$25,110,438.00	\$13,964,000.00
<b>Total Obligated:</b>	<b>\$174,234,780.73</b>	<b>\$191,788,413.15</b>

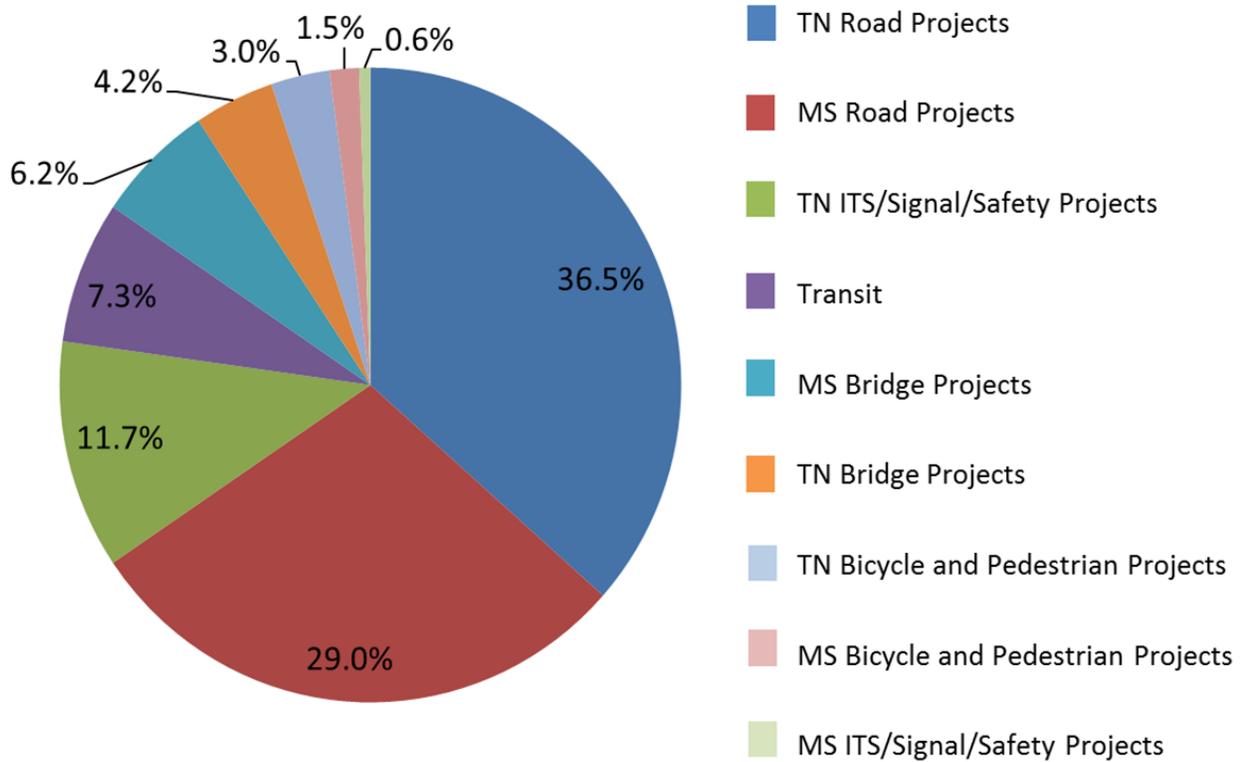
**Table II** and **Figure II** (on the following pages) show the breakdown in funding obligations by project type. Tennessee Road Projects (36.5%) and Mississippi Road Projects (29.0%) had the highest percentages of federal funds obligated in FY 2018, totaling \$125,689,827.30 or 65.5%. Tennessee ITS/Signal/Safety had the third highest percentage of federal funds obligated with \$22,372,255.15 or 11.7% followed by Transit Projects with \$13,964,000.00 or 7.3%. The road project category includes resurfacing, widening, new road, and interchange project types. **Section IV** includes a complete list of the FY 2018 Federally Obligated Projects.

III. SUMMARY OF 2018 OBLIGATED PROJECTS

Table II: FY 2018 Funding Obligations by Project Type

FY 2018 Funding Obligations by Project Type		
Project Type	Funding Obligated	%
Tennessee Road Projects	\$70,083,980.38	36.5%
Mississippi Road Projects	\$55,605,846.92	29.0%
Tennessee ITS/Signal/Safety Projects	\$22,372,255.15	11.7%
Transit Projects	\$13,964,000.00	7.3%
Mississippi Bridge Projects	\$11,863,524.98	6.2%
Tennessee Bridge Projects	\$8,001,550.60	4.2%
Tennessee Bicycle and Pedestrian Projects	\$5,847,851.12	3.0%
Mississippi Bicycle and Pedestrian Projects	\$2,930,600.00	1.5%
Mississippi ITS/Signal/Safety Projects	\$1,118,804.00	0.6%
<b>Total Obligated:</b>	<b>\$191,788,413.15</b>	

Figure II: FY 2018 Funding Obligations by Project Type



III. SUMMARY OF 2018 OBLIGATED PROJECTS

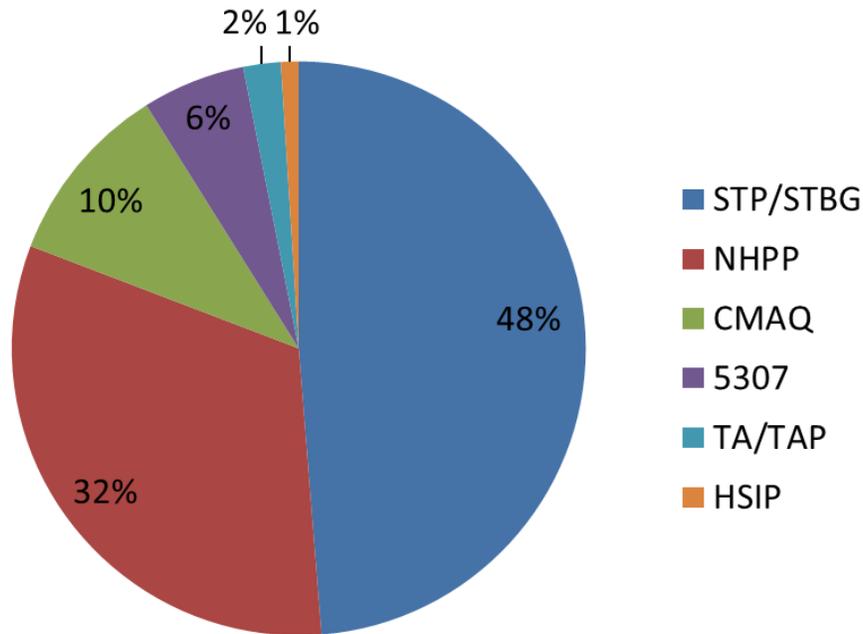
B. BY FUNDING TYPE

Figure III and Table III show the breakdown of funding by the source of the federal funds. Surface Transportation Block Grant Program (STBG, formerly STP) had the largest total obligated funds in the amount of \$92,979,732.90, or 48.5% of the obligated funds for the Memphis MPO Planning Area. The second largest funding source was National Highway Performance Program (NHPP) funds, totaling \$61,172,108.29 or 31.9% of the obligated funds for the MPO area. The following three (3) funding sources represent more than 1% of the total obligations: Congestion Mitigation and Air Quality (CMAQ) at \$19,622,931.28 or (10.2%), 5307 FTA Urbanized Area Formula Program at \$11,060,000.00 or 5.8%, and Transportation Alternatives (TA/TAP) at \$4,029,112.00 or (2.1%).

Table III includes a list of all of the funding sources. Four funding sources (TIGER IV, DEMO, BRR and IM had deobligations due to close out of projects under previous funding sources.

A complete list of all of the projects which received obligations/deobligations and the associated funding sources for FY 2018 are shown in Table IV of this document. Table IV also includes the project termini, location by county, TIP number, state project number, funding type, and the date the funds were made available. Federally funds shown in red are deobligations and are deducted from the total obligated funds for fiscal year 2018.

Figure III: FY 2018 Obligations by Funding Type



Note: The funding sources shown represent more than 1% of the total obligations. All funding sources are listed on Table III.

### III. SUMMARY OF 2018 OBLIGATED PROJECTS

Table III: FY 2018 Obligations by Funding Type

FY 2018 Obligations by Funding Type		
Funding Source	Funding Obligated	%
Surface Transportation Block Grant Program (STBG/STP)	\$92,979,732.90	48.5%
National Highway Performance Program (NHPP)	\$61,172,108.29	31.9%
Congestion Mitigation & Air Quality (CMAQ)	\$19,622,931.28	10.2%
5307 FTA Urbanized Area Formula Program	\$11,060,000.00	5.8%
Transportation Alternatives (TA/TAP)	\$4,029,112.00	2.1%
Highway Safety Improvement Program (HSIP)	\$1,908,677.85	1.0%
5337 FTA State of Good Repair	\$1,320,000.00	0.7%
Safe Routes to Schools (SRTS/SRSP)	\$363,058.00	0.2%
National Highway System (NHS)	\$153,806.00	0.1%
Transportation Enhancement Grant (ENH)	\$55,335.13	0.0%
Transportation Investment Generating Economic Recovery (TIGER IV)	(\$34,919.33)	0.0%
Demonstration Funds (DEMO)	(\$217,351.03)	-0.11%
Bridge Replacement and Rehabilitation (BRR/BR)	(\$249,801.02)	-0.13%
Interstate Maintenance (IM)	(\$374,276.92)	-0.2%

**Total Obligated:**

**\$191,788,413.15**

TABLE IV. LIST OF 2018 FEDERALLY OBLIGATED PROJECTS

DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
ROADWAY PROJECTS - TENNESSEE								
10/04/17	IME-40-1(315)	Shelby	I-40	From West of Watkins St to near Hollywood St	IM	NHS-2008-17	(\$8,027.12)	--
10/18/17	STP-M-9409(144)	Shelby		Various Routes in Memphis	STP-M	STP-M-2011-04	(\$39.86)	--
10/19/17	STP-M-5431(10)	Shelby		Wolf River Boulevard, From SR-177(Germantown Road) to Kimbrough Road and From Farmington Boulevard to the Germantown City Limits	STP-M	STP-M-2009-03	(\$254,997.29)	\$29,186,412.00
10/19/17	STP-M-NHE-57(46)	Shelby	SR-57	(Poplar Avenue) at Various Locations	STP-M	STP-M-2011-03	(\$112,613.95)	\$3,125,000.00
10/23/17	STP-M-2830(10)	Shelby		Winchester Road, From Forest Hill-Irene Road to Eastern City Limits	STBG	STP-M-2009-03	\$54,560.00	\$24,453,441.00
11/01/17	R-STP-14(62)*	Shelby	SR-14	From East of Old Covington Pike to SR-385 (Paul Barrett Pkwy)	R-STBG	TN-STP-2016-01	\$16,617,445.00	\$20,652,000.00
11/01/17	R-STP-14(62)*	Shelby	SR-14	From East of Old Covington Pike to SR-385 (Paul Barrett Pkwy)	STBG	TN-STP-2016-01	\$18,192,800.00	\$40,948,000.00
11/01/17	NH-I-40-1(352)	Shelby	I-40	From Wolf River to East of CSX Overpass	NHPP	TN-NHPP-2014-04	\$2,131,560.00	\$9,718,160.00
11/02/17	STP-M-2830(10)	Shelby		Winchester Road, From Forest Hill-Irene Road to Eastern City Limits	STBG	STP-M-2009-03	\$1,120.00	\$24,453,441.00
11/14/17	STP-M-NHE-57(42)	Shelby	SR-57	(US-72, Poplar Avenue), From East of Sweetbriar to I-240 in Memphis	STP-M	STP-M-2000-04	(\$71,664.30)	\$3,592,400.00
12/12/17	NH-I-269(23)	Fayette, Shelby	I-269PROP	From Mississippi State Line to SR-385, South of Collierville	NHPP	NHS-2006-06	(\$237,600.00)	\$44,000,000.00
01/08/18	STP-EN-NH-86(10)	Shelby	SR-86	From Commerce Parkway to Bill Morris Parkway	STBG	TN-STP-2014-01	\$7,963.00	\$4,614,772.00
01/16/18	NH-I-40-1(352)	Shelby	I-40	From Wolf River to East of CSX Overpass	NHPP	TN-NHPP-2014-04	(\$314,544.00)	\$9,718,160.00
01/16/18	R-STP-14(62)*	Shelby	SR-14	From East of Old Covington Pike to SR-385 (Paul Barrett Pkwy)	STBG	TN-STP-2016-01	(\$4,591,918.00)	\$40,948,000.00
01/19/18	STP-M-175(25)	Shelby	SR-175	(Shelby Drive), From Jasper Park Road to Shelby Post Road in Collierville	STBG	STBG-M-2017-01	\$93,176.00	\$1,164,696.00
01/25/18	STP-M-NH-177(36)	Shelby	SR-177	(Germantown Road), Intersection at Wolf River Boulevard	STBG	STP-M-2014-07	\$1,401,280.00	\$2,750,000.00
01/25/18	STP-M-9417(10)	Shelby		Various Streets in Collierville	STP-M	STP-M-2009-03	(\$305,897.59)	\$30,786,412.00
01/26/18	STP-M-9409(191)	Shelby		Various Roads in Memphis - Group 6	STBG	STP-M-2009-03	\$4,114,980.00	\$24,453,441.00
02/08/18	STP-REG4(186)	Region 4		Various State Routes in Region 4 (Longitudinal Joint Stabilization)	STBG	TN-STP-2014-01	\$8,906.64	\$4,614,772.00
02/21/18	STP-M-9409(107)	Shelby		Canada Road, From I-40 to SR-1(US-70) in Lakeland	STBG	STP-M-2006-01	\$800,000.00	\$1,000,000.00
02/27/18	NH-FSP4-FY18(12)	Shelby		Memphis Freeway Service Patrol (Help Trucks) FY 2018-2020	NHPP	TN-NHPP-2014-04	\$2,497,700.00	\$26,218,160.00
03/13/18	STP-M-9409(209)	Shelby		Hacks Cross Road, From Stateline Road to SR-175 (Shelby Drive)	STBG	STBG-M-2017-07	\$1,200,000.00	\$1,500,000.00
03/23/18	DPS-T002(1)*	Fayette, Shelby	SR-86	(US-72), From the Mississippi State Line to SR-57(Poplar Avenue) in Collierville	STP	SSTP-2008-09	(\$244,304.40)	--
04/02/18	NH-385(30)	Shelby	SR-385	From Ridgeway Road to near Hacks Cross Road	NHPP	TN-NHPP-2014-04	\$3,222,400.00	\$36,218,160.00
04/16/18	IM-55-1(128)	Shelby	I-55	Welcome Center Near Mississippi State Line (Replace)	IM	TN-IM-2010-01	(\$90,000.00)	\$3,750,000.00
04/26/18	STP-M-9411(13)	Shelby		Raleigh Millington Road, Intersection at SR-385 / I-269	STBG	STBG-M-2017-06	\$12,000.00	\$15,000.00
05/01/18	STP-M-5134(10)	Shelby		Raleigh LaGrange Road, From Macon Road to Appling Road	STP-M	STP-M-2009-03	(\$65,986.27)	\$30,786,412.00
05/17/18	NH-I-55-1(118)8	Shelby	I-55	Interchange at Mallory Avenue, LM 8.92 in Memphis	IM	TN-IM-2011-02	(\$276,249.80)	\$3,820,000.00
05/31/18	NH-I-40-1(283)	Shelby	I-40	Interchange at Canada Road	NHPP	NHS-2002-04	\$414,000.00	\$31,900,000.00
06/01/18	STP-M-5437(11)	Shelby		Shelby Drive, From Sycamore Road to SR-86 (US-72)	STBG	STBG-M-2017-02	\$47,638.00	\$901,000.00

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
06/25/18	STP-M-NH-177(36)	Shelby	SR-177	(Germantown Road), Intersection at Wolf River Boulevard	STBG	STP-M-2014-07	\$320,000.00	\$3,150,000.00
06/29/18	STP-M/NH-4(5)	Shelby		SR-4 (US-78), From Mississippi State Line to Raines Road	NHPP	LSTP-2000-10	\$960,000.00	\$1,500,000.00
07/02/18	NH-385(30)	Shelby	SR-385	From Ridgeway Road to near Hacks Cross Road	NHPP	TN-NHPP-2014-04	(\$170,089.00)	\$36,218,160.00
07/23/18	STP-M-1458(11)	Shelby		Macon Road, From Berryhill Road to Houston Levee Road in Memphis	STBG	STP-M-2014-06	\$1,125,000.00	\$1,500,000.00
07/24/18	TN-I-269(14)	Fayette, Shelby	I-269PROP	From Mississippi State Line to SR-385, South of Collierville	NHPP	TN-IM-2011-02	\$34,400.00	\$15,200,000.00
08/10/18	NH-I-40-1(349)*	Fayette	I-40	From Shelby County Line to Haywood County Line	NHPP	TN-NHPP-2014-04	\$77,134.09	\$60,963,000.00
08/27/18	NH/HSIP-1(319)	Shelby	SR-1	(US-51), From SR-4 (E.H. Crump Blvd) to SR-4 (Danny Thomas Blvd)	NHPP	TN-NHPP-2014-04	\$97,036.00	\$56,000,000.00
09/05/18	NH/STP-M-4(8)	Shelby	SR-4	(US-78), From Mississippi State Line to South of Shelby Drive (IA)	STBG-M	TN-NHPP-2014-02	\$10,000,000.00	\$12,500,000.00
09/05/18	NH/STP-M-4(8)	Shelby	SR-4	(US-78), From Mississippi State Line to South of Shelby Drive (IA)	NHPP	TN-NHPP-2014-02	\$13,414,366.00	\$16,956,250.00
09/05/18	NH/STP-M-4(8)	Shelby	SR-4	(US-78), From Mississippi State Line to South of Shelby Drive (IA)	ACNHFP	TN-NHPP-2014-02	\$0.00	\$24,087,500.00
09/05/18	NH/STP-M-4(8)	Shelby	SR-4	(US-78), From Mississippi State Line to South of Shelby Drive (IA)	ACNHPP	TN-NHPP-2014-02	\$0.00	\$4,456,250.00
09/21/18	STP-M-9420(8)	Shelby		Wolf River Blvd, From Farmington Blvd to the Germantown City Limits	STP-M	STP-M-2009-03	(\$17,552.77)	\$30,786,412.00
<b>TOTAL:</b>							<b>\$70,083,980.38</b>	

**BRIDGE PROJECTS - TENNESSEE**

10/09/17	BR-NH-14(65)	Shelby	SR-14	(Jackson Avenue), Bridge over Harrison Creek, LM 19.12 (IA)	NHPP	TN-NHPP-2014-04	\$40,000.00	\$9,718,160.00
10/11/17	BR-STP-3(148)	Shelby	SR-3	(US-51, Thomas Street), Bridge over CNIC Railroad, LM 16.44 (IA)	STBG	TN-STP-2014-01	\$40,000.00	\$4,614,772.00
10/11/17	BR-STP-3(149)	Shelby	SR-3	(US-51, Thomas Street), Bridge over Overflow, LM 15.69 (IA)	STBG	TN-STP-2014-01	\$40,000.00	\$4,614,772.00
10/25/17	STP-M-803(10)	Shelby		Raleigh Millington Road, Bridge over Big Creek in Millington	STBG	STP-M-2014-12	\$1,243.00	\$7,173,950.00
12/13/17	BR-STP-3(66)	Shelby	SR-3	(US-51), Bridge over Wolf River, LM 15.25 in Memphis	BRR-S	BRR-S-2008-01	(\$210,402.00)	--
01/16/18	STP-M-NH-57(62)	Shelby	SR-57	(Poplar Avenue) at Various Locations - Phase II	STBG	STP-M-2014-12	(\$33,078.07)	\$7,173,950.00
01/25/18	STP-M-803(10)	Shelby		Raleigh Millington Road, Bridge over Big Creek in Millington	STBG	STP-M-2014-12	\$60,720.00	\$7,173,950.00
02/01/18	STP-M-9409(182)	Shelby		Brooks Road, Bridge over Days Creek in Memphis	STBG	STP-M-2014-12	\$44,978.00	\$7,173,950.00
02/08/18	BR-NH-57(35)	Shelby	SR-57	Bridges over SR-23, CSXT & IC Railroad, Union Pacific Railway and Scott Street, LM 1.88 in Memphis	NHPP	BRR-S-2008-01	\$450,000.00	--
02/23/18	NH-I-240-1(294)	Shelby		I-240, 4 Overhead Bridges: Norfolk Southern R/R, SR-57(Poplar Ave, EB & WB) and Park Ave., Ramps connecting SR-57 to SB I-240	NHPP	TN-NHPP-2014-01	\$7,569,901.00	\$69,718,317.00
03/28/18	STP-M-9420(7)	Shelby		McVay Road, From McVay Cove to Messick Road in Germantown	STP-M	STP-M-2014-12	(\$35,718.33)	\$11,439,500.00
05/11/18	STP-M-803(10)	Shelby		Raleigh Millington Road, Bridge over Big Creek in Millington	STBG	STP-M-2014-12	\$33,907.00	\$7,173,950.00
<b>TOTAL:</b>							<b>\$8,001,550.60</b>	

**ITS/SIGNAL/SAFETY & OTHER MITIGATION PROJECTS - TENNESSEE**

10/12/17	HSIP-23(11)	Shelby	SR-23	Near the intersection at White Station Road in Memphis	HSIP	TN-HSIP-2014-01	\$127,800.00	\$3,303,754.00
10/12/17	HSIP-2814(5)	Shelby		Perkins Road Extension, Intersection at Perkins Road	HSIP	TN-HSIP-2014-01	\$145,800.00	\$3,303,754.00
10/23/17	STP-M-9409(210)	Shelby	SR-57	(Poplar Avenue), Intersection at Kirby Pkwy; Poplar Pike, Intersections at Hacks Cross Rd and Germantown/Arthur Roads	STBG	STP-M-2009-06	\$125,000.00	\$7,289,876.00
10/23/17	CM-23(12)	Shelby		Walnut Grove Road, From I-240 to Memphis City Limits	CMAQ-S	CMAQ-2014-04	\$8,000.00	\$856,891.00

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
10/27/17	CM-9409(200)	Shelby		Shelby County Congestion Management Program - Coordinated Signalization Projects (FY-2016-2018)	CMAQ	CMAQ-2002-09	\$162,104.00	\$10,928,713.00
10/30/17	STP-M-9409(181)	Shelby		Various Intersections in Memphis - Group 3	STBG	STP-M-2009-06	\$2,692,000.00	\$7,289,876.00
10/31/17	STP/HSIP-15(166)	Shelby	SR-15	(US-64), From Fletcher Creek to Fletcher Trace Parkway	STP	TN-STP-S-2011-04	\$399.95	\$13,641,400.00
10/31/17	STP/HSIP-15(166)	Shelby	SR-15	(US-64), From Fletcher Creek to Fletcher Trace Parkway	HSIP	TN-HSIP-2011-01	(\$2,098.23)	\$9,000,000.00
11/09/17	CM-9409(203)	Shelby		Memphis Area Rideshare Program (FY 2017-2020)	CMAQ-S	CMAQ-2015-05	\$537,060.00	\$1,074,120.00
11/27/17	STP-NH/HSIP-4(10)	Shelby	SR-4	(US-78), From South of John Paul Drive to SR-277 (Airways Boulevard)	HSIP	TN-HSIP-2014-01	(\$94,033.00)	\$12,000,000.00
11/27/17	STP-NH/HSIP-4(10)	Shelby	SR-4	(US-78), From South of John Paul Drive to SR-277 (Airways Boulevard)	STP	TN-STP-2014-01	(\$174,837.00)	\$12,000,000.00
11/27/17	STP/HSIP-NH-14(58)	Shelby	SR-14	From Trezevant Street to I-40 Ramp	STBG	TN-STP-2014-01	(\$131,970.00)	\$4,614,772.00
11/27/17	STP/HSIP-NH-14(58)	Shelby	SR-14	From Trezevant Street to I-40 Ramp	HSIP	TN-HSIP-2014-01	(\$101,424.00)	\$3,303,754.00
11/28/17	STP-M-175(23)	Shelby	SR-175	(Byhalia Road), Intersection at Shelby Drive	STBG	STP-M-2009-06	\$23,920.00	\$7,289,876.00
11/29/17	NH/HSIP-204(8)	Shelby	SR-204	From Raleigh-Lagrange Road to SR-14	NHPP	TN-NHPP-2014-04	(\$52,222.00)	\$9,718,160.00
11/29/17	NH/HSIP-204(8)	Shelby	SR-204	From Raleigh-Lagrange Road to SR-14	HSIP	TN-HSIP-2014-01	(\$105,915.00)	\$3,303,754.00
11/29/17	CM-STP-9409(44)	Shelby		Signalization Throughout the Memphis area	CMAQ	N/A	(\$8,044.75)	N/A
12/06/17	HSIP-14(60)*	Shelby	SR-14	(Austin Peay Highway), Intersection at SR-205 (Millington-Arlington Road), LM 32.89	HSIP	TN-HSIP-2014-01	\$310.68	\$3,303,754.00
12/06/17	HSIP-14(61)*	Shelby	SR-14	Intersection at Rosemark Road	HSIP	TN-HSIP-2014-01	(\$24,411.62)	\$3,303,754.00
12/07/17	STP/HSIP-177(30)	Shelby	SR-177	From Woodchase Drive to I-40 Bridge(EB)	HSIP	TN-HSIP-2011-01	\$19,590.18	\$9,000,000.00
12/07/17	STP/HSIP-177(30)	Shelby	SR-177	From Woodchase Drive to I-40 Bridge(EB)	STP	TN-STP-S-2011-04	(\$56,593.19)	\$13,641,400.00
12/12/17	HSIP-NH-385(29)	Shelby	SR-385	From SR-175 Overhead Bridge to West of US-72 Bridge	HSIP	TN-HSIP-2011-01	\$14,369.45	\$9,000,000.00
12/21/17	HSIP-2870(4)	Shelby		Tchulahoma Road, From Shelby Drive to Raines Road	HSIP	TN-HSIP-2014-01	\$2,946.84	\$3,303,754.00
12/22/17	HSIP-803(6)	Shelby		Raleigh Millington Road, Intersection at Old Raleigh Millington Road	HSIP	TN-HSIP-2014-01	(\$4,928.20)	\$3,303,754.00
12/22/17	HSIP-2874(1)	Shelby		St. Elmo Avenue, Intersection at Mountain Terrace Street in Memphis	HSIP	TN-HSIP-2014-01	(\$1,353.22)	\$3,303,754.00
01/05/18	NH/HSIP-57(69)	Shelby	SR-57	From I-240 To east of Val Verde Drive	HSIP	TN-HSIP-2014-01	\$166,000.00	\$3,303,754.00
01/05/18	NH/HSIP-57(69)	Shelby	SR-57	From I-240 To east of Val Verde Drive	NHPP	TN-NHPP-2014-04	\$1,162,400.00	\$9,718,160.00
01/16/18	STP-M-5437(10)	Shelby		East Shelby Drive, Intersection at Sycamore Road in Collierville	STBG	STP-M-2009-06	\$335,180.00	\$7,289,876.00
01/16/18	STP-7900(56)	Shelby		Sanders Branch (along Lake Page) from near Wolf River Boulevard Bridge to near Dibrell Trail Drive, Stream Mitigation in Collierville	STBG	TN-STP-2014-01	\$16,000.00	\$4,614,772.00
01/16/18	HSIP-23(11)	Shelby	SR-23	Near the intersection at White Station Road in Memphis	HSIP	TN-HSIP-2014-01	(\$21,488.00)	\$3,303,754.00
01/19/18	STP-M-175(23)	Shelby	SR-175	(Byhalia Road), Intersection at Shelby Drive	STBG	STP-M-2009-06	\$348,813.00	\$7,289,876.00
01/19/18	CM-9409(211)	Shelby		West Georgia Avenue at Riverside Drive Intersection Improvements	CMAQ-S	CMAQ-2017-05	\$52,241.00	\$498,800.00
01/23/18	CM/STP-9409(89)	Shelby		Memphis Area Rideshare Program - Clean Air Coalition Marketing and Outreach Program	CMAQ	2002-15	(\$721,924.81)	--
01/31/18	HSIP-177(34)	Shelby	SR-177	at I-40 Interchange in Memphis	HSIP	TN-HSIP-2014-01	\$108,000.00	\$3,303,754.00
02/07/18	IM/NH-40-1(336)	Shelby	I-40	From SR-177(Germantown Road) to Braden Road Overpass (Memphis Smartway)	NHS	TN-CMAQ-2011-01	\$104,000.00	\$475,000.00
02/16/18	HSIP-177(34)	Shelby	SR-177	at I-40 Interchange in Memphis	HSIP	TN-HSIP-2014-01	\$44,100.00	\$3,303,754.00

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
02/21/18	CM-9409(211)	Shelby		West Georgia Avenue at Riverside Drive Intersection Improvements	CMAQ-S	CMAQ-2017-05	\$47,759.00	\$498,800.00
02/27/18	NH-ITS/OCC4-FY18(4)	Shelby		Memphis ITS Control Center FY 2018-2020 (Operations)	NHPP	TN-NHPP-2014-04	\$2,636,000.00	\$26,218,160.00
02/27/18	NH-ITS/UPC4-FY18(8)	Shelby		Memphis ITS Control Center - FY 2018-2020 (Utilities, Power and Communications)	NHPP	TN-NHPP-2014-04	\$196,000.00	\$26,218,160.00
03/07/18	STP-M-9409(180)	Shelby		Various Locations in Memphis - Group 2	STBG	STP-M-2009-06	\$116,743.00	\$3,644,938.00
03/12/18	NH/HSIP-57(69)	Shelby	SR-57	From I-240 To east of Val Verde Drive	HSIP	TN-HSIP-2014-01	\$182,413.00	\$3,303,754.00
03/12/18	NH/HSIP-57(69)	Shelby	SR-57	From I-240 To east of Val Verde Drive	NHPP	TN-NHPP-2014-04	\$56,487.00	\$9,718,160.00
04/02/18	NH/HSIP-177(38)	Shelby	SR-177	From near Raleigh-LaGrange Road to Woodchase Drive	HSIP	TN-HSIP-2014-01	\$580,500.00	\$3,303,754.00
04/02/18	NH/HSIP-177(38)	Shelby	SR-177	From near Raleigh-LaGrange Road to Woodchase Drive	NHPP	TN-NHPP-2014-04	\$2,153,600.00	\$36,218,160.00
04/06/18	NH-I-098-4(19)	Shelby, Fayette		Memphis ITS System Maintenance (June 1, 2018 - June 30, 2021)	NHPP	TN-NHPP-2014-04	\$7,192,000.00	\$26,218,160.00
04/19/18	CM-NHE-7900(28)	Shelby		Shelby County Congestion Management Program	CMAQ	CMAQ-2002-09	\$75,951.67	\$3,300,000.00
04/20/18	HSIP-2823(5)	Shelby		New Allen Road, Intersection at Hawkins Mill Road in Memphis	HSIP	TN-HSIP-2014-01	\$247,500.00	\$15,500,000.00
04/20/18	NH/HSIP-175(24)	Shelby	SR-175	From Elvis Presley Boulevard (US-51/SR-3) to Swinnea Road	HSIP	TN-HSIP-2014-01	\$67,500.00	\$3,303,754.00
04/20/18	NH/HSIP-175(24)	Shelby	SR-175	From Elvis Presley Boulevard (US-51/SR-3) to Swinnea Road	NHPP	TN-NHPP-2014-04	\$200,000.00	\$7,918,160.00
05/01/18	CM-STP-9409(48)	Shelby		Throughout the City of Memphis - Signalization	CMAQ-M	CMAQ-2011-03	(\$161,043.34)	\$740,000.00
05/11/18	STP-M-175(23)	Shelby	SR-175	(Byhalia Road), Intersection at Shelby Drive	STBG	STP-M-2009-06	\$39,317.00	\$7,289,876.00
06/01/18	CM-7900(50)	Shelby		Various Locations Throughout Shelby County - Set 8	CMAQ-M	CMAQ-2002-09	\$500,000.00	\$18,406,327.00
06/01/18	CM-7900(47)	Shelby		Various Locations Throughout Shelby County - Set 4	CMAQ-M	CMAQ-2002-09	\$200,000.00	\$18,406,327.00
06/05/18	NH/HSIP-1(342)	Shelby	SR-1	From west of Kentucky Street to SR-4	HSIP	TN-HSIP-2014-01	\$630.00	\$12,000,000.00
06/08/18	STP-7900(60)	Shelby		Memphis National Golf Club in Collierville, Stream Mitigation	STBG	TN-STP-2014-01	\$40,000.00	\$4,614,772.00
06/11/18	STP-NH/HSIP-4(10)	Shelby	SR-4	(US-78), From South of John Paul Drive to SR-277 (Airways Boulevard)	HSIP	TN-HSIP-2014-01	\$21,990.89	\$12,000,000.00
06/11/18	STP-NH/HSIP-4(10)	Shelby	SR-4	(US-78), From South of John Paul Drive to SR-277 (Airways Boulevard)	STP	TN-STP-2014-01	\$3,202.57	\$12,000,000.00
06/11/18	NH/HSIP-14(52)	Shelby	SR-14	From I-40 Ramp to North of SR-204	HSIP	TN-HSIP-2011-01	\$41,108.36	\$9,000,000.00
06/11/18	NH/HSIP-14(52)	Shelby	SR-14	From I-40 Ramp to North of SR-204	NHPP	TN-STP-S-2011-04	(\$14,621.80)	\$5,000,000.00
06/12/18	CM-9411(11)	Shelby		City of Millington ITS Expansion	CMAQ-S	CMAQ-2017-01	\$84,857.00	\$917,559.00
06/20/18	HSIP-R00S(390)	Shelby		Huling Avenue at Canadian National Railroad, LM 0.30 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/20/18	HSIP-R-15(207)	Shelby	SR-15	(Stage Road) at CSX Railroad, LM 3.13 in Bartlett	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/20/18	HSIP-R00S(396)	Shelby		Truse Parkway at Norfolk Southern Railroad, LM 0.244 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/20/18	HSIP-R00S(399)	Shelby		Broad Avenue at Canadian National Railroad, LM 1.195 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/20/18	HSIP-R00S(398)	Shelby		Oak Court at Norfolk Southern Railroad, LM 0.018 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/22/18	HSIP-R-2839(10)	Shelby		Fields Road at Canadian National Railroad, LM 5.17 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/22/18	HSIP-R-5012(10)	Shelby		Knight Arnold Road at BNSF Railroad, LM 0.520 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/22/18	HSIP-R-2807(10)	Shelby		S.Cooper Street at Norfolk Southern Railroad, LM 5.290 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
06/22/18	HSIP-R-2861(10)	Shelby		E. McLemore Avenue at Norfolk Southern Railroad, LM 6.270 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/22/18	HSIP-R-5232(10)	Shelby		Belz Boulevard at Canadian National Railroad, LM 0.850 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/26/18	HSIP-4188(10)	Shelby		Old/New Brownsville Rd, From SR-15 (Stage Road) to SR-14 (RSA)	HSIP	TN-HSIP-2014-01	\$171,520.00	\$3,303,754.00
06/26/18	HSIP-R-5176(10)	Shelby		Colonial Road at Norfolk Southern Railroad, LM 0.510 in Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/26/18	HSIP-R-2813(10)	Shelby		Winchester Road at Canadian National Railroad, LM 0.72 near Memphis	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/26/18	HSIP-R-1459(10)	Shelby		Brunswick Road at CSX Railroad, LM 5.04 near Lakeland	HSIP	TN-HSIP-2014-01	\$13,500.00	\$3,303,754.00
06/28/18	NH-I-098-4(19)	Shelby, Fayette		Memphis ITS System Maintenance (June 1, 2018 - June 30, 2021)	NHPP	TN-NHPP-2014-04	(\$856,221.00)	\$26,218,160.00
07/09/18	CM-7900(54)	Shelby		Commute Options Travel Demand Management Initiative	CMAQ-S	CMAQ-2015-03	\$160,452.00	\$445,700.00
07/09/18	NH/HSIP-177(38)	Shelby	SR-177	From near Raleigh-LaGrange Road to Woodchase Drive	HSIP	TN-HSIP-2014-01	\$114,282.00	\$3,303,754.00
07/09/18	NH/HSIP-177(38)	Shelby	SR-177	From near Raleigh-LaGrange Road to Woodchase Drive	NHPP	TN-NHPP-2014-04	\$102,093.00	\$36,218,160.00
07/17/18	HSIP-2875(4)	Shelby		Sycamore View Road, From near Shelby Oaks Drive to SR-1 (Summer Avenue) in Memphis (RSAR)	HSIP	TN-HSIP-2014-01	\$18,000.00	\$3,303,754.00
07/23/18	HSIP-I-40-1(344)	Shelby	I-40	Interchange at Whitten Road (Eastbound Exit Ramp, Exit 14) (Ramp Queue Project)	HSIP	TN-HSIP-2014-01	\$117,450.00	\$3,303,754.00
07/23/18	HSIP-R-5176(10)	Shelby		Colonial Road at Norfolk Southern Railroad, LM 0.510 in Memphis	HSIP	TN-HSIP-2014-01	(\$13,500.00)	\$3,303,754.00
07/23/18	HSIP-R-2813(10)	Shelby		Winchester Road at Canadian National Railroad, LM 0.72 near Memphis	HSIP	TN-HSIP-2014-01	(\$13,500.00)	\$3,303,754.00
07/23/18	HSIP-R-1459(10)	Shelby		Brunswick Road at CSX Railroad, LM 5.04 near Lakeland	HSIP	TN-HSIP-2014-01	(\$13,500.00)	\$3,303,754.00
07/31/18	STP-M-5437(10)	Shelby		East Shelby Drive, Intersection at Sycamore Road in Collierville	STBG	STP-M-2009-06	\$44,273.00	\$7,289,876.00
07/31/18	STP-M-175(23)	Shelby	SR-175	(Byhalia Road), Intersection at Shelby Drive	STBG	STP-M-2009-06	\$32,508.00	\$7,289,876.00
08/03/18	HSIP-R005(53)	Shelby		Houston Levee Road At Norfolk-Southern Railroad, Lm 10.27 In Collierville	HSIP	TN-HSIP-2011-01	\$36,212.04	\$8,000,000.00
08/10/18	NH/HSIP-4(9)	Shelby	SR-4	(US-78), From SR-3 to SR-1	HSIP	TN-HSIP-2014-01	(\$908.00)	\$12,000,000.00
08/10/18	NH/HSIP-4(9)	Shelby	SR-4	(US-78), From SR-3 to SR-1	NHPP	TN-NHPP-2014-04	(\$197,806.00)	\$33,000,000.00
08/13/18	HSIP-803(9)	Shelby		Raleigh-Millington Road, From James Boyd Road to Church Street (RSAR)	HSIP	TN-HSIP-2014-01	\$47,400.00	\$3,303,754.00
08/15/18	STP/HSIP-R-5056(10)	Shelby		Pilot Drive at BNSF Railroad, LM 4.13 in Memphis	HSIP	TN-HSIP-2014-01	(\$10,186.32)	\$12,000,000.00
08/20/18	STP-M-NH-14(56)	Shelby	SR-14	(Jackson Avenue) at Various Intersections in Memphis - Group 1	STBG	STP-M-2009-06	\$3,080,500.00	\$10,289,876.00
09/07/18	CM-7900(42)	Shelby		Various Locations in Shelby County, Detection Upgrade - Set 3	CMAQ-M	CMAQ-2002-09	\$175,000.00	\$18,406,327.00

**TOTAL: \$22,372,255.15**

BICYCLE/PEDESTRIAN & OTHER ENHANCEMENT PROJECTS - TENNESSEE								
10/18/17	SRTS-9420(9)	Shelby		Miller Farms Road from Greenway Trail North of Hollow Fork Road to Apple Valley Road; Poplar Estates from Corsica Drive to Brookside Drive	SRTS	SRTS-2008-01	\$3,600.00	\$2,887,500.00
11/27/17	STP-M-889(10)*	Shelby		Memphis Arlington Road, From Gerber Road to Milton Wilson Drive	STBG-L	STBG-L-2017-01	\$12,000.00	\$682,492.00
11/28/17	STP-EN-9409(165)	Shelby		Walker Avenue, From South Highland St to Brister St in Memphis (Phase 1)	ENH	ENH-2012-03	(\$3,999.00)	\$661,795.00
01/04/18	CM-9409(162)	Shelby		Shelby Farms Greenline, Farm Road to the Old Cordova Train Station	CMAQ-M	CMAQ-2012-02	(\$383,986.49)	\$1,100,000.00
01/05/18	CM-9409(184)	Shelby		Various Locations throughout the City of Memphis	CMAQ-M	CMAQ-2012-01	\$1,400,000.00	\$1,750,000.00
01/08/18	STP-EN-I-55-1(133)	Shelby	I-55	Welcome Center	STBG	TN-STP-2014-01	\$1,920.00	\$4,614,772.00

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
01/11/18	TAP-M-9417(11)	Shelby		ADA Transition Plan (Collierville)	TA	TAP-2014-01	\$2,000.00	\$4,797,061.00
01/11/18	TAP-M-9419(11)	Shelby		Fletcher Greenway - Phase 3	TA	TAP-2014-01	\$40,000.00	\$4,797,061.00
01/16/18	STP/TAP-M-9420(10)	Shelby		Greenway Multi-Modal Trail Connector	STBG	TAP-2014-01	\$64,000.00	\$2,793,754.00
01/22/18	STP-M-NH-1(373)	Shelby	SR-1	(North Parkway), From McLean Blvd to Overton Park service entrance	STBG	STP-M-2009-04	\$24,000.00	\$5,585,603.00
01/22/18	STP-M-205(27)	Shelby	SR-205	(Navy Road), From SR-3 (US-51) to Veterans Parkway in Millington	STBG	STP-M-2014-05	\$95,600.00	\$250,000.00
01/26/18	TAP-M-9411(12)	Shelby		City of Millington ADA Transition Plan	TA	TAP-2014-01	\$100,000.00	\$4,797,061.00
02/20/18	CM-9409(195)	Shelby		Shelby Farms Greenline - Cordova Station to Lenow	CMAQ-S	CMAQ-2015-06	\$1,120,000.00	\$1,650,000.00
02/26/18	TAP-M-9417(9)	Shelby		Center Connect Project - Phases 1 and 2	TA	ENH-2012-05	\$880,000.00	\$1,100,000.00
02/26/18	TAP-M-9417(9)	Shelby		Center Connect Project - Phases 1 and 2	TA-S	ENH-2012-05	\$756,847.00	\$946,059.00
02/26/18	TAP-M-7900(59)	Shelby		Canada Road Pedestrian/Bike Trail	TA	TAP-2014-01	\$10,544.00	\$5,897,061.00
03/12/18	TAP-M-9409(178)	Shelby		Mississippi Boulevard, Intersections at South Parkway, McLemore Avenue and Walker Avenue in Memphis	TA	TAP-2014-01	\$73,948.00	\$5,897,061.00
03/13/18	STP-EN-9409(95)	Shelby		Covington Pike/Warford Street Median Landscaping	ENH	SSTPE-2006-003	(\$5,000.00)	\$89,031.00
03/20/18	TAP-M-2400(36)	Fayette		Town of Rossville Greenbelt	TA	TAP-2014-01	(\$2,000.00)	\$4,797,061.00
03/26/18	STP/TAP-M-9409(201)	Shelby		Macon Rd, From Gilham Dr to Mullins Station Rd and Mullins Station Rd, From Macon Rd to Shelby Farms Greenline in Memphis	TA	TAP-2014-01	\$125,280.00	\$4,797,061.00
03/26/18	TAP-M-9409(175)	Shelby		Dunbar Elementary School in Memphis	TA	TAP-2014-01	\$5,548.00	\$4,797,061.00
03/26/18	STP-M/TAP-9409(122)	Shelby		Fletcher Creek Greenway - Phase 1	STP-M	STP-M-2009-04	(\$85,584.16)	\$12,835,294.00
03/26/18	STP-M/TAP-9409(122)	Shelby		Fletcher Creek Greenway - Phase 1	TAP	STP-M-2009-04	(\$7,188.63)	\$1,100,000.00
03/29/18	TAP-M-9409(174)	Shelby		Hanley Elementary School in Memphis	TA	TAP-2014-01	\$65,148.00	\$5,897,061.00
05/18/18	CM-9409(184)	Shelby		Various Locations throughout the City of Memphis	CMAQ-M	CMAQ-2012-01	(\$378,481.00)	\$1,750,000.00
06/07/18	SRTS-9420(11)	Shelby		Riverdale School in Germantown	SRTS	SRTS-2008-01	\$359,458.00	\$442,842.00
06/08/18	TAP-9409(166)	Shelby		Wolf River Greenway - Phase 4	TA-S	ENH-2012-06	\$1,165,749.00	\$1,457,186.00
06/08/18	TAP-M-9411(12)	Shelby		City of Millington ADA Transition Plan	TA	TAP-2014-01	\$9,188.63	\$4,797,061.00
06/11/18	STP-EN-9409(104)	Shelby		University of Memphis Railroad Pedestrian Improvement Project	ENH	ENH-2012-02	\$64,334.13	\$1,491,138.00
07/23/18	TAP-M-9409(202)	Shelby		Westmont Street Sidewalk Improvements	TA	TAP-2014-01	\$130,000.00	\$4,797,061.00
07/23/18	STP-M-9419(9)	Shelby		Fletcher Creek Greenway - Phase 2	STBG	STP-M-2009-04	\$32,000.00	\$11,171,206.00
07/23/18	TAP-M-9420(12)	Shelby		ADA Transition Plan (Germantown)	TA	TAP-2014-01	\$140,000.00	\$6,133,706.00
08/03/18	DEM-R-9409(187)	Shelby		University of Memphis Railroad Pedestrian Improvement Project (Demo ID: TN056)	DEMO	STIP 1499050	(\$217,351.03)	\$2,158,774.00
08/21/18	TIGER-M2M(1)	Shelby		Main Street to Main Street Multi-modal Connector Project (Harahan Bridge)	TIGER IV	TIGER IV-2012-01	(\$34,919.33)	\$18,673,750.00
09/13/18	TAP-M-7900(59)	Shelby		Canada Road Pedestrian/Bike Trail	TA	TAP-2014-01	\$65,196.00	\$1,336,645.00
09/13/18	TAP-M-9420(12)	Shelby		ADA Transition Plan (Germantown)	TA	TAP-2014-01	\$220,000.00	\$6,133,706.00
<b>TOTAL:</b>							<b>\$5,847,851.12</b>	

ROADWAY PROJECTS - MISSISSIPPI								
10/12/17	107513LPA	7867(005)	DeSoto		City of Southaven - Church Rd from Hwy 51 to MDOT ROW at I-55 - Overlay & Restripe	STP	MS-LSTP-2014-04	(36,144.00)

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DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
11/17/17	107660	0211(064)	DeSoto	SR 302	SR 302 from US 78 to Polk Lane - Mill & Overlay	NHPP	(105,632.00)	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	NHPP	8,879,083.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STBG	4,548,386.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	CMAQ	8,000,000.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	NHPP	8,879,083.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STBG	4,548,386.00	
12/06/17	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	CMAQ	8,000,000.00	
02/28/18	107217LPA	1963(001)	DeSoto	MS 304	MS 304, Byhalia Rd and Red Banks Rd - Overlay	STP	27,136.00	
03/01/18	105510	0061(084)	Marshall DeSoto	US 78	US 78 between Coldwater River & the West Hollywood Springs actor	NHS	180,661.00	
03/20/18	104412	0554(080)	DeSoto	I-55	I-55 from 2.3 mi N of Tate Cl to 0.5 mi S of Church Rd - Overlay	NHPP	4,398.00	
03/20/18	104412	0554(080)	DeSoto	I-55	I-55 from 2.3 mi N of Tate Cl to 0.5 mi S of Church Rd - Overlay	NHPP	170,501.00	
04/30/18	107707LPA	7866(002)	DeSoto		City of Horn Lake - Horn Lake Rd from Nail Rd to DeSoto Rd - Mill & Overlay	STP	68,970.00	
05/30/18	106814LPA	0109(007)	DeSoto		City of Hernando - Commerce Street & Nesbit Rd - Resurfacing	STP	(47,623.00)	
06/07/18	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
06/07/18	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STP	0.00	
06/07/18	501561	0290(100)	DeSoto Marshall	I-269/MS 304	I-269/MS 304 from I-55 to Tennessee SL	STBG	7,432,319.00	
07/19/18	107216LPA	7888(001)	DeSoto		City of Hernando - McIngvale Road from Commerce Street to Byhalia Road - Resurfacing	STP	47,623.00	
07/19/18	107216LPA	7888(001)	DeSoto		City of Hernando - McIngvale Road from Commerce Street to Byhalia Road - Resurfacing	STP	9,283.00	
07/19/18	107216LPA	7888(001)	DeSoto		City of Hernando - McIngvale Road from Commerce Street to Byhalia Road - Resurfacing	STBG	0.00	
09/24/18	107376LPA	0109(008)	DeSoto		City of Hernando - Byhalia Rd from Parkway St. to McInvale Rd. and West Commerce St. from Lamar Place East to Caffey St.	STP	(29,227.00)	
09/24/18	107707LPA	7866(002)	DeSoto		City of Horn Lake - Horn Lake Rd from Nail Rd to DeSoto Rd - Mill & Overlay	STP	1,525,996.00	
09/25/18	107576	0069(034)	DeSoto	I-69	I-69 from 0.5 miles south of Church Road to Beginning of Concrete - Mill & Overlay	STBG	3,502,647.92	
<b>TOTAL:</b>							<b>55,605,846.92</b>	

**BRIDGE PROJECTS - MISSISSIPPI**

12/20/17	102207	0603(021)	Marshall	SR 4	SR 4 - Replace Bridge#s 59.1 & 59.2	STBG	0.00	
01/22/18	105189	0192(041)	Marshall	SR 7	SR 7 Bridge Replacement - Bridge #s 154, 154.8 & 155	BR	(39,399.00)	
02/28/18	102207	0603(021)	Marshall	SR 4	SR 4 - Replace Bridge#s 59.1 & 59.2	STBG	2,097,160.00	
03/20/18	105189	0192(041)	Marshall	SR 7	SR 7 Bridge Replacements Bridge #s 154, 154.8 & 155	STBG	48,848.00	

**ETC Item #3a**

DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
03/22/18	103162	0601(084)	Marshall	SR 178	SR 178 over Chewallah Creek & Tippah River - Bridge Replacement	NHPP	105,212.00	
05/02/18	103162	2910(002)	Marshall	SR 178	SR 178 over Chewallah Creek & Tippah River Bridge - Replace Bridge	STBG	100,095.00	
06/07/18	105333	0603(020)	Marshall	SR 4	SR 4 Replace Bridge # 75.3 over Burlington Northern RR	BR	(0.02)	
06/07/18	105333	0603(020)	Marshall	SR 4	SR 4 Replace Bridge # 75.3 over Burlington Northern RR	NHPP	732,794.00	
07/25/18	107019	9992(263)	DeSoto		Bridge Preservation on SR 304 (Bridges 1.1A, 1.1B, & 7.8A)	STBG	0.00	
07/27/18	106720	9992(253)	DeSoto Tate Panola		2015 Design Build Bridge Widening Project on I-55 - PE - District 2	NHS	(30,108.00)	
09/05/18	100299	0914(008)	Marshall	SR 309	SR 309 between SR 4 and US 78 - Bridge Replacement - Bridge #'s 8.4, 8.5, 8.7, 12.8, 13.0	STBG	0.00	
09/19/18	107019	9992(263)	DeSoto		Bridge Preservation on SR 304 (Bridges 1.1A, 1.1B, & 7.8A)	STBG	1,773,367.00	
09/19/18	100299	0914(008)	Marshall	SR 309	SR 309 between SR 4 and US 78 - Bridge Replacement - Bridge #'s 8.4, 8.5, 8.7, 12.8, 13.0	STBG	6,550,847.00	
09/23/18	102207	0603(021)	Marshall	SR 4	SR 4 - Replace Bridge#s 59.0 & 59.2	STBG	0.00	
09/23/18	102207	0603(021)	Marshall	SR 4	SR 4 - Replace Bridge#s 59.0 & 59.2	STBG	2,097,160.00	
09/24/18	107264LPA	7862(005)	DeSoto		City of Olive Branch - Stateline Road East of Hwy 178 - Bridge Replacement	STBG	MS-LSTP-2015-03	534,181.00
09/24/18	100299	0914(008)	Marshall	SR 309	SR 309 between SR 4 and US 78 - Bridge Replacement - Bridge #'s 8.4, 8.5, 8.7, 12.8, 13.0	STBG	(6,550,847.00)	
09/24/18	100299	0914(011)	Marshall	SR 309	SR 309 between SR 4 and US 78 - Bridge Replacement - Bridge #'s 8.4, 8.5, 8.7, 12.8, 13.0	STBG	4,444,215.00	
<b>TOTAL:</b>							<b>11,863,524.98</b>	

ITS/SIGNAL/SAFETY & OTHER MITIGATION PROJECTS - MISSISSIPPI								
10/12/17	107080LPA	7889(001)	DeSoto		City of Hernando - Signal Project @ Nesbit & Hwy 51 & W. Robinson Street & Hwy 51	STP	8,205.00	
10/12/17	107080LPA	7889(001)	DeSoto		City of Hernando - Signal Project @ Nesbit & Hwy 51 & W. Robinson Street & Hwy 51	STP	56,906.00	
10/12/17	107080LPA	7889(001)	DeSoto		City of Hernando - Signal Project @ Nesbit & Hwy 51 & W. Robinson Street & Hwy 51	STP	1,269.00	
10/12/17	107080LPA	7889(001)	DeSoto		City of Hernando - Signal Project @ Nesbit & Hwy 51 & W. Robinson Street & Hwy 51	STP	469,277.00	
10/12/17	107080LPA	7889(001)	DeSoto		City of Hernando - Signal Project @ Nesbit & Hwy 51 & W. Robinson Street & Hwy 51	STP	319,107.00	
10/31/17	107220	0211(063)	DeSoto	SR 302	SR 302 from Southcrest Parkway to US 78 - Median Installation	HSIP	(134,400.00)	
11/21/17	107220	0211(063)	DeSoto	SR 302	SR 302 from Southcrest Parkway to US 78 - Median Installation	HSIP	(600.00)	
12/05/17	105249	0211(059)	DeSoto	SR 302	MS 302 & US 51 - Active Traffic Signal Management	CMAQ	(9,410.00)	
12/05/17	105249	0211(059)	DeSoto	SR 302	MS 302 & US 51 - Active Traffic Signal Management	CMAQ	(9,410.00)	
04/23/18	106531	0554(097)	DeSoto	I-55/I-269	I-55/I-269 Interchange Slide Repair	NHS	(100,747.00)	
04/23/18	106531	0554(097)	DeSoto	I-55/I-269	I-55/I-269 Interchange Slide Repair	NHPP	(257,304.00)	
05/30/18	105249	0211(058)	DeSoto	MS 302	MS 302 Stateline Rd & Airways Blvd - Signal Corridor Timing	CMAQ	(12,193.00)	
09/24/18	107201LPA	7895(002)	DeSoto		City of Olive Branch - Signalization at Bethel Road and Business Center Drive	STP	MS-LSTP-2014-05	788,104.00
<b>TOTAL:</b>							<b>1,118,804.00</b>	

**ETC Item #3a**

DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	FUNDING TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
<b>BICYCLE/PEDESTRIAN &amp; OTHER ENHANCEMENT PROJECTS - MISSISSIPPI</b>								
11/06/17	107208LPA	7862(004)	DeSoto		City of Southaven - State Line Rd Ped Project	STP		40,276.00
07/30/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	STP		301,667.00
07/30/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	STP		485,167.00
07/30/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	TAP		235,625.00
07/30/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	TAP		177,975.00
09/24/18	106781LPA	0499(005)	DeSoto		City of Southaven - Southaven Bike Trail - Central Park to Snowden Grove Park	STP		900,000.00
09/24/18	107510LPA	0499(004)	DeSoto		City of Southaven - Snowden Pedestrian Path & Bicycle	STP	MS-LSTBG-2017-02	174,560.00
09/24/18	107510LPA	0499(004)	DeSoto		City of Southaven - Snowden Pedestrian Path & Bicycle	STP	MS-LSTBG-2017-02	9,008.00
09/24/18	107510LPA	0499(004)	DeSoto		City of Southaven - Snowden Pedestrian Path & Bicycle	STP	MS-LSTBG-2017-02	357,470.00
09/24/18	107218LPA	7886(002)	DeSoto		City of Hernando - Hernando Square Pedestrian Improvements	TAP	MS-TAP-2014-01	248,852.00
09/25/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	TAP		(235,625.00)
09/25/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	STBG		413,600.00
09/25/18	106405LPA	0017(036)	DeSoto		Desoto County Board of Supervisors - Construction of Johnson Creek Greenway	TAP		(177,975.00)
<b>TOTAL:</b>								<b>2,930,600.00</b>

<b>TRANSIT PROJECTS</b>								
04/19/18	TN-2017-007-01	Shelby			Fixed-Route Bus Service for Seven Routes	CMAQ		\$784,000.00
05/15/18	TN-2016-002-03	Shelby			Preventive Maintenance (PM)	Section 5307		\$5,100,000.00
07/11/18	TN-2016-007-02	Shelby			Rail Preventive Maintenance; Rail Facility Improvements	Section 5337		\$1,320,000.00
07/27/18	TN-2016-002-04	Shelby			Comp. H&S; Serv. Veh.; Fac. Impr.; PM; ADA Paratransit Service	Section 5307		\$5,960,000.00
08/28/18	TN-2018-041	Shelby			Central Station Rail Station	STBG		\$800,000.00
<b>TOTAL:</b>								<b>\$13,964,000.00</b>

## V. EXPLANATION OF FUNDING SOURCES

### FUNDING SOURCES

Following are the funding sources referenced in the FY 2018 list of federally obligated projects.

#### FEDERAL HIGHWAY ADMINISTRATION (FHWA) FUNDS

##### **Bridge Replacement and Rehabilitation (BRR):**

This funding program can be used for bridge replacement and repair on bridges determined to be structurally deficient, functionally obsolete, or in need of systematic preventative maintenance.

##### **Congestion Mitigation & Air Quality (CMAQ):**

The CMAQ program, continued in the FAST Act, provides a funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas), as well as former nonattainment areas that are now in compliance (maintenance areas).

##### **Enhancement Grant (ENH):**

This program provides funding for pedestrian and bicycle facilities; pedestrian and bicycle safety and educational activities; acquisition of scenic easements and scenic or historic sites; scenic or historic highway programs; landscaping and other scenic beautification activities; historic preservation; rehabilitation of historic transportation buildings, structures, or facilities; preservation of abandoned railway corridors; control and removal of outdoor advertising; archaeological planning and research; environmental mitigation to address water pollution due to highway runoff or reduce vehicle-caused wildlife mortality while maintaining habitat connectivity; establishment of transportation museums. Under the Tennessee Roadscapes grant program, types of work will include landscaping, irrigation, benches, trash cans, paths, and signage. This funding program was eliminated under MAP-21. All projects previously authorized under the ENH Program and carry-over funds will still be administered under previous rules and regulations of the ENH Program.

##### **Highway Safety Improvement Program (HSIP):**

This funding program directs funds to projects and programs which achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned public roads and roads on tribal lands. The Highway Safety Improvement Program (HSIP) requires a data-driven, strategic approach to improving safety on all public roads that focuses on performance. Some examples

## V. EXPLANATION OF FUNDING SOURCES

of eligible uses of funds include intersection safety improvements, pavement and shoulder widening, pedestrian and bicycle safety improvements, and construction of traffic calming features.

### **Interstate Maintenance (IM):**

This program provides funding to rehabilitate, restore, and resurface the Interstate System. Reconstruction is also eligible if it does not add capacity, and High-Occupancy-Vehicle (HOV) lanes can be added. This funding program was eliminated under MAP-21. All projects previously authorized under the IM Program and carry-over funds will still be administered under previous rules and regulations of the IM Program.

### **National Highway Performance Program (NHPP):**

The FAST Act continues the National Highway Performance Program (NHPP), which provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.

NHPP projects must be on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements.

### **National Highway System (NHS):**

This Program provides funding for major roads including the Interstate System, a large percentage of urban and rural principal arterials, the Strategic Defense Highway Network (STRAHNET), and strategic highway connectors. This funding program was eliminated under MAP-21. All projects previously authorized under the NHS Program and carry-over funds will still be administered under previous rules and regulations of the NHS Program.

### **Surface Transportation Block Grant Program (STBG):**

The FAST Act converted the long-standing Surface Transportation Program (STP) into the Surface Transportation Block Grant Program (STBG), acknowledging that this program has the most flexible eligibilities among all Federal-aid highway programs and aligning the program's name with how FHWA has historically administered it. This flexible funding source may be used by States and localities for projects to preserve or improve conditions and performance on any Federal-aid highway, bridge projects on any public road, facilities for non-motorized transportation, transit capital projects, and public bus terminals and facilities. STBG funds may be used to improve the design or operation of

## V. EXPLANATION OF FUNDING SOURCES

any road which is which is designated as an urban minor collector or higher on the State Functional Classification System. STBG funds require a match of at least 20 percent of the total project cost (exception: signalization projects are subject to 100% federal funds).

### **Transportation Alternatives (TA):**

The FAST Act eliminated the MAP-21 Transportation Alternatives Program (TAP) and replaced it with a set-aside of STBG funding for transportation alternatives. These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity.

### **Safe Routes to Schools (SRTS/SRSP):**

This program provides funding for empowering communities to make walking and bicycling to school a safe and routine activity. This funding program was eliminated under MAP-21. All projects previously authorized under the SRTS Program and carry-over funds will still be administered under previous rules and regulations of the SRTS Program. SRTS infrastructure projects are eligible for TA funds. Under the TA Program, Safe Routes to Schools (SRTS) non-infrastructure projects, traffic education and enforcement activities must take place within approximately two miles of a primary or middle school (grades K-8). Other eligible non-infrastructure activities do not have a location restriction. SRTS infrastructure projects are eligible for TA funds regardless of their ability to serve school populations, and SRTS infrastructure projects are broadly eligible under other TA eligibilities, which do not have any location restrictions.

## **FEDERAL TRANSIT AUTHORITY (FTA) FUNDS**

### **Section 5307 Urbanized Area Formula Program:**

These funds can be used for the following: 1) planning, engineering design and evaluation of transit projects and other technical transportation-related studies; 2) capital investments in bus and bus-related activities such as replacement of buses, overhaul of buses, rebuilding of buses, crime prevention and security equipment and construction of maintenance and passenger facilities; and 3) capital investments in new and existing fixed guideway systems including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software. These funds require a 20% match which are typically divided between state and local government, with each contributing 10%.

## V. EXPLANATION OF FUNDING SOURCES

### **Section 5337 State of Good Repair Program:**

These funds are directed to rail facilities and include preventative maintenance and improvements. These funds require a 20% match which are typically divided between state and local government, with each contributing 10%.

## **ADDITIONAL INFORMATION**

### **Advance Construction (AC)**

Advance Construction (AC) is a technique which allows a State to initiate a project using non-federal funds while preserving eligibility for future Federal-Aid funds. Eligibility means that FHWA has determined that the project technically qualifies for Federal-Aid; however, no present or future Federal funds are committed to the project. After an AC project is authorized, the state may convert the project to regular Federal-Aid funding provided Federal funds are made available for the project.

An AC project must meet the same requirements and be processed in the same manner as a regular Federal-Aid project. All phases of a project must meet federal requirements for the National Environmental Policy Act (NEPA), Uniform Relocation Assistance and Real Property Acquisition Policies Act (Uniform Act), etc, when any phase is implemented with Federal-Aid funds.

# For more information, visit [memphismpo.org](http://memphismpo.org)



**Memphis MPO**  
METROPOLITAN PLANNING ORGANIZATION

*Strengthening Regional Transportation*

**ETC Item #3b**

**TDOT 3-Year Project Ranking**

Sequ.	Reg	Reg	MPO	County	PIN	Route	Description	Length	Phase	Fund Code	Est.	Ranking
431	4	4	MPO ME	Shelby	100339	SR-4 US-78	(Lamar Ave.) From South of Shelby Drive to Near Raines/Perkins Road Interchange (IA)	1.9	Construction	NHPP	27.5	1
433	4	4	MPO ME	Shelby	100340	SR-4 US-78	(Lamar Ave.) From Near Raines Road/Perkins Road Interchange to Getwell Road (SR-176) (IA)	1.8	Construction	NHPP	38.2	1
425	4	4	MPO ME	Shelby	107913	I-240	Interchange at Airways Blvd (IA)	0.48	Construction	NHPP	67	2
428	4	4	MPO ME	Shelby	101609	SR-1 US-70	(Summer Avenue) From I-40 to 0.1 Mile North of Sycamore View Road (IA)	1.66	Construction	NHPP	28.3	2
434	4	4	MPO ME	Shelby	100341	SR-14	(Austin Peay Hwy.) From East of Kerrville-Rosemark Road to Tipton County Line (IA)	4.72	Construction	STBG	20	2
426	4	4	MPO ME	Shelby, Fayette	124755	I-269	ITS Expansion on SR-385/I-269 from I-40 Southward to the Mississippi State Line (IA)	20	PE	STBG	0.5	3
435	4	4	MPO ME	Shelby, Fayette	124759	SR-385	ITS Expansion from MM 7 to MM 15 (IA)	8.3	Construction	NHPP	4	3
420	4	4	MPO ME	Shelby	107532	I-40	From SR-177 (Germantown Road) to 1.0 mile East of Canada Road (IA)	4.54	Construction	NHPP	47	4
421	4	4	MPO ME	Shelby	110578	I-40	From 1.0 mile East of Canada Road to SR-205 (Collierville-Arlington Road) (IA)	4	Construction	NHPP	45.2	5
422	4	4	MPO ME	Shelby	100330	I-240	From I-55 to I-40 Near Midtown (Re-Budgeted-ROW) (IA)	6	Right-of-Way	NHPP	7.7	6
429	4	4	MPO ME	Shelby	101609	SR-1 US-70	(Summer Avenue) From 0.1 Mile North of Sycamore View Road to 0.1 Mile North of Elmore Road (IA)	1.77	Construction	NHPP	35.4	6
430	4	4	MPO ME	Shelby	113028	SR-3 US-51N	(Elvis Presley Boulevard), from SR-175 (East Shelby Drive) to Craft Road (IA) #2 Priority	1.6	Construction	NHPP	15.5	NA



# MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION (MPO) MEETING SCHEDULE—2019

January							February							March								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
		1	2	3	4	5							1	2							1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9		
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16		
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23		
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30		
														31								
April							May							June								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
	1	2	3	4	5	6				1	2	3	4								1	
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8		
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15		
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22		
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29		
														30								
July							August							September								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
	1	2	3	4	5	6					1	2	3	1	2	3	4	5	6	7		
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14		
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21		
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28		
28	29	30	31				25	26	27	28	29	30	31	29	30							
October							November							December								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
			2	3	4	5						1	2	1	2	3	4	5	6	7		
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14		
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21		
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28		
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31						

	Transportation Policy Board (TPB) 1:30 PM—Thursday		TIP Amendment Due Date
	Engineering & Technical Committee (ETC) 1:30 PM—Thursday		Holiday
	Same Day—Engineering & Technical Committee (10:00AM) Transportation Policy Board (11:00AM)		

**A RESOLUTION  
BY THE  
TRANSPORTATION POLICY BOARD  
OF THE  
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
ADOPTION TO SUPPORT THE 2015-2019 SAFETY PERFORMANCE MEASURE TARGETS FOR  
THE STATE OF TENNESSEE AND THE STATE OF MISSISSIPPI**

**RESOLUTION #2018-07**

WHEREAS, the Memphis Urban Area Metropolitan Planning Organization (MPO) is the organization responsible for planning an efficient transportation system in the Memphis Metropolitan Planning Area and for the appropriate use of federal transportation funds in that area; and

WHEREAS, in 2012 Congress passed the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and Fixing America's Surface Transportation (FAST) Act that mandate the establishment of a performance and outcome based program for transportation decisions; and

WHEREAS, a national goal has been established to achieve a significant reduction in traffic fatalities and serious injuries on all public roads; and

WHEREAS, the Safety Performance Management Measures regulations support the Highway Safety Improvement Program (HSIP) and require State DOTs and MPOs to set Safety Performance Measure Targets, which apply to all public roads, for 5 areas; including number of fatalities, rate of fatalities per 100 million Vehicle Miles Traveled (VMT), number of serious injuries, rate of serious injuries per 100 million VMT, and number of non-motorized fatalities and serious injuries; and

Whereas, the Safety Performance Management Measures regulations require State DOTs and MPOs to develop and adopt Safety Performance Measure Targets annually; and

WHEREAS, MPOs have 180 days following the establishment and reporting of the State targets in the HSIP Annual Report to make a decision regarding whether to support each state's targets or to establish their own; and

WHEREAS, the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) formally reported their second round of Safety Performance Measure Targets to the Federal Highway Administration (FHWA) on August 31, 2018 in their State HSIP Annual Report; and

WHEREAS, the Safety Performance Measure Targets adopted by the States are depicted in "Table 1" attached to this resolution; and

WHEREAS, Memphis MPO staff conducted a workshop on October 2, 2018 to confer with the Engineering and Technical Committee (ETC) and to coordinate with TDOT/MDOT and FHWA; and

WHEREAS the Engineering and Technical Committee has recommended that the Memphis MPO support each individual state's Safety Performance Measure Targets;

BE IT FURTHER RESOLVED, that the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization (MPO) hereby approves that the Memphis MPO will support each individual state's Safety Performance Measure Targets for each of the above-mentioned measures for the 2015-2019 reporting period by agreeing to plan and program projects so that they contribute toward the accomplishment of each state's Safety Performance Measure Targets.

**Resolution duly passed on November 15, 2018**

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**Mayor A. Keith McDonald, Interim Chair  
Memphis Urban Area Metropolitan Planning Organization**

<b>TABLE 1: MEMPHIS MPO PERFORMANCE TARGETS</b>				
<b>PM1 - SUBPART B</b>				
<b>Safety Performance Measures</b>	<b>5-Year Rolling Averages</b>			
	<b>Tennessee (TDOT)</b>		<b>Mississippi (MDOT)</b>	
	<b>Baseline (2013-2017)</b>	<b>Target (2015-2019)</b>	<b>Baseline (2013-2017)</b>	<b>Target (2015-2019)</b>
Number of Fatalities	1000.6	1022.0	655.4	697.3
Fatality Rate	1.329	1.291	1.640	1.706
Number of Serious Injuries	7227.6	7374.6	550.2	555.5
Serious Injury Rate	9.594	9.324	1.378	1.356
Number of Non-motorized Fatalities and Serious Injuries	467.7	546.8	116.0	131.4

**A RESOLUTION  
BY THE  
TRANSPORTATION POLICY BOARD  
OF THE  
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
ADOPTION TO SUPPORT THE PAVEMENT AND BRIDGE PERFORMANCE MEASURE TARGETS FOR  
THE STATE OF TENNESSEE AND THE STATE OF MISSISSIPPI  
RESOLUTION #2018-08**

WHEREAS, the Memphis Urban Area Metropolitan Planning Organization (MPO) is the organization responsible for planning an efficient transportation system in the Memphis Metropolitan Planning Area and for the appropriate use of federal transportation funds in that area; and

WHEREAS, in 2012 Congress passed the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and Fixing America's Surface Transportation (FAST) Act that mandate the establishment of a performance and outcome based program for transportation decisions; and

WHEREAS, a national goal has been established for bridge and pavement condition to maintain the condition of highway infrastructure assets in a state of good repair; and

WHEREAS, the Pavement and Bridge Condition Performance Management regulations (23 CFR 490 Subparts C &D) established six total measures for assessing pavement and bridge conditions with four measures to assess pavement condition and two performance measures to assess bridge condition as follows: (1) Percentage of pavements on the Interstate System in Good condition; (2) percentage of pavements on the Interstate System in Poor condition; (3) percentage of pavements on the NHS (excluding the Interstate System) in Good condition; (4) percentage of pavements on the NHS (excluding the Interstate System) in Poor condition; (5) Percentage of NHS bridges classified as in Good condition; and (6) percentage of NHS bridges classified as in Poor condition; and

WHEREAS, the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) must establish 2- and 4-year targets for the above measures for a 4-year performance period by May 20, 2018; and

“WHEREAS, MPOs have 180 days following the establishment and reporting of the State targets to make a decision regarding whether to support each state's 4-year targets or to establish their own; and

WHEREAS, the Bridge and Pavement Condition Targets adopted by the States are depicted in “Table 1” and “Table 2” attached to this resolution; and

WHEREAS, Memphis MPO staff conducted a workshop on October 2, 2018 to confer with the Engineering and Technical Committee (ETC) and to coordinate with TDOT/MDOT and FHWA;

WHEREAS the Engineering and Technical Committee has recommended that the Memphis MPO support each individual state's 4- year Pavement and Bridge conditions;

BE IT FURTHER RESOLVED, that the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization (MPO) hereby approves that the Memphis MPO will support each individual state's 2- and 4-year Targets for all of the required Pavement and Bridge Condition Performance Measures as specified in the FAST Act by agreeing to plan and program projects that support the established state targets as shown in “Table 1” and “Table 2” attached.

**Resolution duly passed on November 15, 2018**

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**Mayor A. Keith McDonald, Interim Chair  
Memphis Urban Area Metropolitan Planning Organization**

TABLE 1: MEMPHIS MPO PERFORMANCE TARGETS				
PM2 - SUBPART C				
Pavement Condition Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2017)	4-Year Target (2022)	Baseline (2017)	4-Year Target (2021)
Percent of Pavement in Good Condition (Interstate)	75.6%	60.0%	75.0%	55.0%
Percent of Pavement in Poor Condition (Interstate)	0.14%	1.0%	0.99%	5.0%
Percent of Pavement in Good Condition (Non-Interstate NHS)	72.7%	42.0%	62.5%	25.0%
Percent of Pavement in Poor Condition (Non-Interstate NHS)	6.70%	4.0%	9.3%	10.0%

TABLE 2: MEMPHIS MPO PERFORMANCE TARGETS				
PM2 - SUBPART D				
Bridge Condition Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2018)	4-Year Target (2022)	Baseline (2017)	4-Year Target (2021)
Percent of Bridges in Good Condition	39.5%	36.0%	61.7%	60.0%
Percent of Bridges in Poor Condition	4.9%	6.0%	2.1%	5.0%

**A RESOLUTION  
BY THE  
TRANSPORTATION POLICY BOARD  
OF THE  
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
ADOPTION TO SUPPORT THE SYSTEM PERFORMANCE MEASURE TARGETS FOR  
THE STATE OF TENNESSEE AND THE STATE OF MISSISSIPPI**

**RESOLUTION #2018-09**

WHEREAS, the Memphis Urban Area Metropolitan Planning Organization (MPO) is the organization responsible for planning an efficient transportation system in the Memphis Metropolitan Planning Area and for the appropriate use of federal transportation funds in that area; and

WHEREAS, in 2012 Congress passed the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and Fixing America's Surface Transportation (FAST) Act that mandate the establishment of a performance and outcome based program for transportation decisions; and

WHEREAS, a national goal has been established to achieve the reliable and efficient movement of people and freight along the Interstate System and National Highway System (NHS) and to total emissions from on-road vehicles; and

WHEREAS, the System Performance Management regulations (23 CFR 490 Subparts E & F & H) established four total measures for system performance conditions with two performance measures to assess performance of the National Highway System (NHS), one performance measure to assess freight movement on the Interstate System, and one performance measure to assess total vehicle emissions reduction as follows: (1) Percentage of person-miles traveled on the Interstate System that are reliable; (2) percentage of person-miles traveled on the NHS (excluding the Interstate System) that are reliable; (3) freight movement as measured by a Truck Travel Time Reliability Index; (4) total reduction of emissions from on-road mobile sources; and

WHEREAS, 23 CFR Part 490 – Subpart G – the Congestion Mitigation Performance Measures was approved on April 19, 2018 for the tri-state Memphis TN, MS, AR Urbanized Area

WHEREAS, the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) must establish 2- and 4-year targets for the above measures for a 4-year performance period by May 20, 2018; and

WHEREAS, MPOs have 180 days following the establishment and reporting of the State targets to make a decision regarding whether to support each state's 2- and 4-year targets or to establish their own;

WHEREAS, Memphis MPO staff conducted a workshop on October 2, 2018 to confer with the Engineering and Technical Committee (ETC) and to coordinate with TDOT/MDOT and FHWA; and

WHEREAS the Engineering and Technical Committee has recommended that the Memphis MPO support each individual state's system performance targets as specified in the FAST Act by agreeing to plan and program projects that support the established state targets as shown in "Table 1," "Table 2," and "Table 3" attached to the resolution.

BE IT FURTHER RESOLVED, that the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization (MPO) hereby approves that the Memphis MPO will support each individual state's System Performance Targets for each of the above-mentioned measures for the 2015-2019 reporting period by agreeing to plan and program projects so that they contribute toward the accomplishment of each state's System Performance Measure Targets.

**Resolution duly passed on November 15, 2018**

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**Mayor A. Keith McDonald, Interim Chair  
Memphis Urban Area Metropolitan Planning Organization**

**ETC Item #6c**

TABLE 1: MEMPHIS MPO PERFORMANCE TARGETS				
PM3 - SUBPART E				
Travel Time Reliability Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2017)	4-Year Target (2021)	Baseline (2017)	4-Year Target (2021)
Percentage of Person Miles Traveled that are Reliable (Interstate)	87.7%	83.0%	99.3%	90.0%
Percentage of Person Miles Traveled that are Reliable (Non-Interstate NHS)	NOT APPLICABLE	87.5%	NOT APPLICABLE	85.0%

TABLE 2: MEMPHIS MPO PERFORMANCE TARGETS				
PM3 - SUBPART F				
Freight Movement Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2017)	4-Year Target (2021)	Baseline (2017)	4-Year Target (2021)
Truck Travel Time Reliability (TTTR) Index	1.35	1.33	1.13	1.50

TABLE 3: MEMPHIS MPO PERFORMANCE TARGETS						
PM3 - SUBPART H						
Congestion Mitigation & Air Quality Performance Measures	Tennessee (TDOT)			Mississippi (MDOT)		
	Baseline (FY 2014-17)	2-Year Target (FY 2018-19)	4-Year Target (FY 2018-2021)	Baseline (FY 2014-17)	2-Year Target (FY 2018-19)	4-Year Target (FY 2018-2021)
Total Emissions Reductions (VOC) kg/day	230.025	30.698	61.396	28.000	0.430	1.050
Total Emissions Reductions (CO) kg/day	530.282	75.000	150.000	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Total Emissions Reductions (NOx) kg/day	363.399	62.840	125.680	85.000	1.470	3.630

Planning Theme	Criteria	Points
 <p><b>System Preservation</b></p>	<b>System Preservation</b>	<b>25</b>
	<b>Project Maintains or Upgrades an Existing Roadway or Transit Services</b>	<b>3</b>
	<b>Project Integrates ITS Technology identified in the MPO's Regional ITS Architecture and Deployment Plan</b>	<b>3</b>
	<b>Existing Level of Service (LOS) is E or F</b>	<b>3</b>
	<b>Existing Average Daily Traffic (ADT):</b>	<b>4</b>
	25,000 or more	4
	10,000 to 24,999	3
	5,000 to 9,999	2
	4,999 or less	1
	<b>Existing Volume to Capacity Ratio (V/C):</b>	<b>3</b>
	More than 0.80	3
	0.60 to 0.79	2
	0.59 or less	1
	<b>Travel Time Delay Reduction:</b>	<b>4</b>
	Delay reduction more than 2.0 min	4
	Delay reduction 1.51 to 2.0 min	3
	Delay reduction 1.01 to 1.50 min	2
	Delay reduction 0.20 to 1.0 min	1
	Delay reduction less than 0.20 min or new roadway project	0
	<b>Utilizes Strategies Identified in the MPO's Congestion Management Process (1 point for each strategy utilized, 5 points maximum)</b>	<b>5</b>
	 <p><b>Safety and Security</b></p>	<b>Safety and Security</b>
<b>Crash Rate from 2015-2017</b>		<b>8</b>
Crash Rate 10.01 or more		8
Crash Rate 6.01 to 10.00		6
Crash Rate 4.01 to 6.00		4
Crash Rate 2.00 to 4.00		2
Crash Rate less than 2.00		0
<b>Project Located on Corridor or Near Intersection with High Number of Fatalities from 2015-2017</b>		<b>2</b>
2 or more crashes resulting in 1 or more fatalities		2
1 crash resulting in 1 or more fatalities		1
<b>Project Located on Corridor or Near Intersection with High Number of Serious Injuries from 2015-2017</b>		<b>2</b>
4 or more crashes resulting in 1 or more serious injuries		2
2-3 crashes resulting in 1 or more serious injuries		1
<b>Project Incorporates one or more of FHWA's Proven Safety Countermeasures: (1 point each, 4 points maximum)</b>		<b>4</b>
<b>Project Incorporates Security Improvements (surveillance cameras, lighting, etc.)</b>	<b>4</b>	
 <p><b>Connections and Choices</b></p>	<b>Connections and Choices</b>	<b>17</b>
	<b>Bicycle Related Improvements</b>	<b>5</b>
	Project scope includes cycle track or shared use path	2
	Project scope includes signed and painted bike lane or bicycle boulevard	1
	Project scope includes end of trip facilities (Wayfinding Signs, Racks, Etc.)	1
	Project is listed as a Bicycle Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	2
	<b>Pedestrian Related Improvements</b>	<b>5</b>
	Project scope includes ADA accessible sidewalks, curb ramps, shared use path, or overpass/underpass	2
	Project scope includes pedestrian signals, enhanced on-street crossing facilities, or pedestrian amenities	1
	Project is listed as a Pedestrian Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	2
	<b>Transit Related Improvements</b>	<b>4</b>
	Project scope includes shelters, signage, or other amenities identified in the MPO's Bus Stop Design & Accessibility Guidelines, on an existing or proposed transit route	3
	Project scope includes sidewalk access improvements on an existing or proposed transit route	1
	<b>Network Continuity</b>	<b>2</b>
	Project provides regional network continuity	2
	Project provides local network continuity	1
	Project provides no network continuity	0
<b>Project advances Transportation Demand Management (TDM) Strategies for last mile connections</b>	<b>1</b>	

Planning Theme	Criteria	Points
 <p><b>Sustainable Growth</b></p>	<b>Sustainable Growth</b>	<b>13</b>
	<b>Environmental Justice Impacts</b>	<b>3</b>
	Project provides transit improvements in an Environmental Justice area	1
	Project provides safety enhancements in an Environmental Justice area	1
	Project provides bicycle and/or pedestrian improvements in an Environmental Justice area	1
	Project has negative Environmental Justice impacts	-3
	<b>Environmental Impacts</b>	<b>3</b>
	Project incorporates design features that will improve resiliency of the transportation system and/or reduce the impacts of stormwater or flooding (bioretention facilities, green design features, etc.)	2
	Project will have minimal impacts on the environment	1
	Project has Negative Environmental Impacts	-3
	<b>Project Provides Connection Between Multiple Land Uses</b>	<b>3</b>
	5 or more land uses	3
	3 to 4 land uses	2
	2 land uses	1
	<b>Adopted Plans</b>	<b>2</b>
	Project is consistent with adopted comprehensive plans, land use plans, and/or road plans	2
	Project is inconsistent with adopted comprehensive plans, land use plans, and/or road plans	-2
	Project is in an area without adopted comprehensive plans, land use plans, and/or road plans	0
	<b>Project is Located on Corridor or at Intersection within 1/2 Mile of Alternative Fuel Corridor or Station</b>	<b>1</b>
	<b>Project Serves a Strategic Area Targeted for Development</b>	<b>1</b>
	 <p><b>Economic Vitality</b></p>	<b>Economic Vitality</b>
<b>Employment, High Growth Areas and/or Revitalized Existing Development Zones</b>		<b>5</b>
The project serves areas with 500 jobs or more OR 500 acres or more of industrial or commercial property		5
The project serves areas with 100-499 jobs OR 50-499 acres of industrial or commercial property		3
The project serves areas with 50-99 jobs OR 10-49 acres of industrial or commercial property		1
<b>Freight Routes</b>		<b>6</b>
Project is located on a Regional Freight Corridor identified in the MPO's Greater Memphis Regional Freight Plan		4
Project is located on Local Freight Corridor		2
Project is located in a Freight Area identified in the MPO's Greater Memphis Regional Freight Plan		2
<b>Travel project improves/supports travel and tourism destination areas</b>		<b>2</b>
 <p><b>Project Delivery</b></p>	<b>Project Delivery</b>	<b>12</b>
	<b>Obligation Tracking</b>	<b>10</b>
	Timely obligation of all phases in FY 2017-20 TIP	10
	Partial obligation or advanced work shown	5
	No obligation in FY 2017-20 TIP	-5
	<b>State DOT concurrence that project has met all milestones for next phase requested in FY 2020-23 TIP</b>	<b>2</b>
<b>STBG Road Project Criteria Total Points</b>		<b>100</b>

Planning Theme	Criteria	Points
System Preservation	<b>System Preservation</b>	<b>30</b>
	<b>Pavement Condition Index (PCI)</b>	<b>20</b>
	Less than 40	20
	40-65	15
	66-85	10
	More than 85	5
	<b>Existing Average Daily Traffic (ADT)</b>	<b>10</b>
	25,000 or more	10
	10,000 to 24,999	8
	5,000 to 9,999	6
	4,999 or less	3
Connections and Choices	<b>Connections and Choices</b>	<b>8</b>
	<b>Bicycle Related Improvements</b>	<b>3</b>
	Project scope includes cycle track, shared-use path, or signed and painted bike lane	2
	Project is listed as a Bicycle Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	1
	<b>Pedestrian Related Improvements</b>	<b>3</b>
	Project scope includes ADA accessible sidewalks, curb ramps, or shared use path	1
	Project scope includes pedestrian signals, enhanced on-street crossing facilities, or pedestrian amenities	1
	Project is listed as a Pedestrian Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	1
	<b>Transit Related Improvements</b>	<b>2</b>
	Project scope includes sidewalk access improvements on an existing or proposed transit route	2
Economic Vitality	<b>Economic Vitality</b>	<b>7</b>
	<b>Freight Related Improvements</b>	<b>4</b>
	Project is located on a Regional Freight Corridor identified in the MPO's Greater Memphis Regional Freight Plan	3
	Project is located on Local Freight Corridor	1
	Project is located in a Freight Area identified in the MPO's Greater Memphis Regional Freight Plan	1
	<b>Project Provides Connection Between Multiple Land Uses</b>	<b>3</b>
	5 or more land uses	3
	3 to 4 land uses	2
2 land uses	1	
Project Delivery	<b>Project Delivery</b>	<b>5</b>
	<b>Obligation Tracking</b>	<b>3</b>
	Timely obligation of all phases in FY 2017-20 TIP	3
	Partial obligation or advanced work shown	1
	No obligation in FY 2017-20 TIP	-3
	<b>State DOT concurrence that project has met all milestones for next phase requested in FY 2020-23 TIP</b>	<b>2</b>
<b>Resurfacing Criteria Total Points</b>		<b>50</b>

Planning Theme	Criteria	Points
<b>System Preservation</b>	<b>System Preservation</b>	<b>30</b>
	<b>Bridge Condition</b>	<b>20</b>
	Poor	20
	Fair	10
	Good	5
	<b>Existing Average Daily Traffic (ADT)</b>	<b>10</b>
	25,000 or more	10
	10,000 to 24,999	8
	5,000 to 9,999	6
	4,999 or less	3
<b>Connections and Choices</b>	<b>Connections and Choices</b>	<b>9</b>
	<b>Bicycle Related Improvements</b>	<b>2</b>
	Project scope includes cycle track, shared-use path, or signed and painted bike lane	1
	Project is listed as a Bicycle Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	1
	<b>Pedestrian Related Improvements</b>	<b>2</b>
	Project scope includes ADA accessible sidewalks, curb ramps, or shared use path	1
	Project is listed as a Pedestrian Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	1
	<b>Transit Related Improvements</b>	<b>2</b>
	Project scope includes sidewalk access improvements on an existing or proposed transit route	2
	<b>Network Continuity</b>	<b>3</b>
	Project provides regional network continuity	3
	Project provides local network continuity	1
Project provides no network continuity	0	
<b>Economic Vitality</b>	<b>Economic Vitality</b>	<b>6</b>
	<b>Freight Related Improvements</b>	<b>6</b>
	Project is located on a Regional Freight Corridor identified in the MPO's Greater Memphis Regional Freight Plan	4
	Project is located on Local Freight Corridor	2
	Project is located in a Freight Area identified in the MPO's Greater Memphis Regional Freight Plan	2
<b>Project Delivery</b>	<b>Project Delivery</b>	<b>5</b>
	<b>Obligation Tracking</b>	<b>3</b>
	Timely obligation of all phases in FY 2017-20 TIP	3
	Partial obligation or advanced work shown	1
	No obligation in FY 2017-20 TIP	-3
	<b>State DOT concurrence that project has met all milestones for next phase requested in FY 2020-23 TIP</b>	<b>2</b>
<b>Bridge Criteria Total Points</b>		<b>50</b>

Planning Theme	Criteria	Points
<b>Connections and Choices</b>	<b>Connections and Choices</b>	<b>28</b>
	<b>Bicycle Related Improvements</b>	<b>8</b>
	Project scope includes cycle track or shared-use path	3
	Project scope includes signed and painted bike lane or bicycle boulevard	2
	Project scope includes end of trip facilities (Wayfinding Signs, Racks, Etc.)	2
	Project is listed as a Bicycle Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	3
	<b>Pedestrian Related Improvements</b>	<b>8</b>
	Project scope includes ADA accessible sidewalks, curb ramps, shared use path, or overpass/underpass	3
	Project scope includes pedestrian signals, enhanced on-street crossing facilities, or pedestrian amenities	2
	Project is listed as a Pedestrian Corridor Improvement Priority in the MPO's Regional Bicycle and Pedestrian Plan	3
	<b>Network Continuity</b>	<b>4</b>
	Project provides regional network continuity	4
	Project provides local network continuity	2
	Project provides no network continuity	0
	<b>Project Provides Last-Mile Connection to Public Transit</b>	<b>4</b>
	<b>Proximity to Land Uses (within 1/2 mile ped, 3 mile bicycle)</b>	<b>4</b>
	Schools and Colleges	1
	Parks	1
Employment and Retail Centers	1	
Public Health Facilities (Hospital, Doctor's Office, Clinic, Nursing Home, etc.)	1	
<b>Safety and Security</b>	<b>Safety and Security</b>	<b>12</b>
	<b>Project Addresses Location with 1 or More Fatal Bike/Ped Crashes from 2015-2017</b>	<b>6</b>
	<b>Project Addresses Location with 1 or More Serious Injury Bike/Ped Crashes from 2015-2017</b>	<b>4</b>
	<b>Project Incorporates Security Improvements (emergency call boxes, lighting, cameras, etc.)</b>	<b>2</b>
<b>Sustainable Growth</b>	<b>Sustainable Growth</b>	<b>5</b>
	<b>Environmental Justice Impacts</b>	<b>3</b>
	Project provides bicycle and/or pedestrian improvements in an Environmental Justice area	3
	<b>Adopted Plans</b>	<b>2</b>
Project is consistent with locally adopted plans	2	
<b>Project Delivery</b>	<b>Project Delivery</b>	<b>5</b>
	<b>Obligation Tracking</b>	<b>3</b>
	Timely obligation of all phases in FY 2017-20 TIP	3
	Partial obligation or advanced work shown	1
	No obligation in FY 2017-20 TIP	-3
	<b>State DOT concurrence that project has met all milestones for next phase requested in FY 2020-23 TIP</b>	<b>2</b>
<b>Bicycle and Pedestrian Criteria Points</b>		<b>50</b>

Planning Theme	Criteria	Points
<b>System Preservation</b>	<b>System Preservation</b>	<b>32</b>
	<b>Existing Intersection Level of Service (LOS)</b>	<b>10</b>
	LOS F	10
	LOS E	5
	<b>Reduction in Delay (sec/vehicle)</b>	<b>8</b>
	60 or more	8
	45	6
	30	4
	20	2
	10 or less	0
	<b>Existing Average Daily Traffic (ADT):</b>	<b>5</b>
	25,000 or more	5
	10,000 to 24,999	4
	5,000 to 9,999	3
	4,999 or less	2
	<b>Project is Part of Coordinated Signal Project</b>	<b>4</b>
	<b>Project is Consistent with the MPO's Regional ITS Architecture</b>	<b>3</b>
<b>Project Upgrades an Existing Signal</b>	<b>2</b>	
<b>Safety and Security</b>	<b>Safety and Security</b>	<b>10</b>
	<b>Crash Rate from 2015-2017</b>	<b>4</b>
	Crash Rate 10.01 or more	4
	Crash Rate 6.01 to 10.00	3
	Crash Rate 4.01 to 6.00	2
	Crash Rate 2.00 to 4.00	1
	Crash Rate less than 2.00	0
	<b>Project Located at Intersection with High Number of Fatalities from 2015-2017</b>	<b>3</b>
	2 or more crashes resulting in 1 or more fatalities	3
	1 crash resulting in 1 or more fatalities	2
	<b>Project Located at Intersection with High Number of Serious Injuries from 2015-2017</b>	<b>3</b>
	2 or more crashes resulting in 1 or more serious injuries	3
<b>Connections and Choices</b>	<b>Connections and Choices</b>	<b>3</b>
	<b>Project Benefits Alternate Modes of Transportation (Non-Vehicular; ADA accessible ramps, crosswalks, etc.)</b>	<b>3</b>
<b>Project Delivery</b>	<b>Project Delivery</b>	<b>5</b>
	<b>Obligation Tracking</b>	<b>3</b>
	Timely obligation of all phases in FY 2017-20 TIP	3
	Partial obligation or advanced work shown	1
	No obligation in FY 2017-20 TIP	-3
<b>State DOT concurrence that project has met all milestones for next phase requested in FY 2020-23 TIP</b>	<b>2</b>	
<b>Signalization Criteria Total Points</b>		<b>50</b>

Planning Theme	Criteria	Points
<b>Safety and Security</b>	<b>Safety and Security</b>	<b>36</b>
	<b>Crash Rate from 2015-2017</b>	<b>15</b>
	Crash Rate 10.01 or more	15
	Crash Rate 6.01 to 10.00	10
	Crash Rate 4.01 to 6.00	5
	Crash Rate 2.00 to 4.00	3
	Crash Rate less than 2.00	0
	<b>Project Located on Corridor or Near Intersection with High Number of Fatalities from 2015-2017</b>	<b>8</b>
	2 or more crashes resulting in 1 or more fatalities	8
	1 crash resulting in 1 or more fatalities	4
	<b>Project Located on Corridor or Near Intersection with High Number of Serious Injuries from 2015-2017</b>	<b>8</b>
	4 or more crashes resulting in 1 or more serious injuries	8
	2-3 crashes resulting in 1 or more serious injuries	4
	<b>Project Incorporates one or more of FHWA's Proven Safety Countermeasures: (1 point each, 5 points maximum)</b>	<b>5</b>
<b>System Preservation</b>	<b>System Preservation</b>	<b>14</b>
	<b>Existing Average Daily Traffic (ADT):</b>	<b>14</b>
	25,000 or more	14
	10,000 to 24,999	10
	5,000 to 9,999	5
	4,999 or less	3
<b>Safety Criteria Total Points</b>		<b>50</b>

Planning Theme	Criteria	Points
<b>System Preservation</b>	System Preservation	10
	Study/Plan aims to maximize the performance of the existing transportation system	10
<b>Safety and Security</b>	Safety and Security	10
	Study/Plan aims to increase the safety of the transportation system	5
	Study/Plan aims increase the security of the transportation system	5
<b>Connections and Choices</b>	Connections and Choices	6
	Study/Plan aims to add/expand transit services, improve access to transit, or supports principles of transit oriented development	2
	Study/Plan aims to add/expand bicycle facilities or improve access to bicycle facilities	2
	Study/Plan aims to add/expand pedestrian facilities or improve access to pedestrian facilities	2
<b>Sustainable Growth</b>	Sustainable Growth	6
	Study/Plan aims to link transportation and land-use	2
	Study area for Study/Plan contains an EJ population of at least 50%	2
	Study/Plan increases the resiliency of the transportation system	2
<b>Economic Vitality</b>	Economic Vitality	6
	Study/Plan aims to enhance access to regional employment centers	2
	Study/Plan aims to enhance access to local employment centers	2
	Study/Plan aims to enhance freight movement	2
<b>Project Delivery</b>	Discretionary	12
	Study/Plan need	5
	Study/Plan substantially advances objectives identified in the MPO's 2050 RTP	4
	Sponsoring agency's commitment and ability to implement Plan/Study	3
Studies/Plans Project Criteria Total Points		50

Table 7.3 Revenue Forecast – Tennessee

*Millions*

Funding Programs	2018-2020	2021-2030	2031-2040	Total
NHPP	\$210.20	\$762.90	\$946.30	\$1,919.39
STP - State	\$21.00	\$116.30	\$94.60	\$231.90
STP - Urban	\$54.10	\$196.30	\$243.50	\$493.96
HSIP	\$6.20	\$22.40	\$27.80	\$56.45
CMAQ	\$22.30	\$80.80	\$100.20	\$203.23
TAP	\$4.60	\$16.80	\$20.90	\$42.34
Discretionary Funding	\$31.80	\$115.60	\$143.30	\$290.73
State Sources	\$380.90	\$1,279.60	\$1,269.60	\$2,930.10
Local Sources	\$189.10	\$726.90	\$911.30	\$1,827.27
<b>FTA-Fed</b>	<b>\$81.60</b>	<b>\$339.12</b>	\$378.50	\$799.27
<b>FTA-State</b>	<b>\$10.76</b>	<b>\$44.51</b>	\$49.90	\$105.19
<b>FTA-Local</b>	<b>\$21.06</b>	<b>\$74.52</b>	\$87.10	\$182.65
<b>Total</b>	<b>\$1,033.62</b>	<b>\$3,775.75</b>	<b>\$4,273.00</b>	<b>\$9,082.48</b>

<sup>a</sup> Includes the state match for Federal funding and state revenues (e.g., motor fuel taxes) allocated to the region for O&M and capital expenditures.

Table 7.4 Revenue Forecast – Mississippi

*Millions*

Funding Programs	2018-2020	2021-2030	2031-2040	Total
National Highway Performance Program	\$3.9	\$22.0	\$109.2	\$135.12
Surface Transportation Program - State	\$2.5	\$13.8	\$68.3	\$84.47
Surface Transportation Program - Urban	\$1.3	\$7.3	\$36.5	\$45.12
HSIP	\$0.2	\$1.1	\$5.6	\$6.87
CMAQ	\$0.2	\$1.3	\$6.6	\$8.22
TAP	\$0.1	\$0.3	\$1.7	\$2.12
Discretionary Funds	\$0.5	\$2.8	\$13.7	\$16.92
State Sources	\$134.2	\$499.8	\$184.4	\$818.38
Local Sources	\$24.4	\$93.8	\$117.5	\$235.72
<b>Total</b>	<b>\$167.3</b>	<b>\$642.2</b>	<b>\$543.4</b>	<b>\$1,352.90</b>

Note: Debt payments are already subtracted from revenues to provide these net transportation revenues available for projects.

**Table 7.3 Revenue Forecast – Tennessee**

*Millions*

Funding Programs	2018-2020	2021-2030	2031-2040	Total
NHPP	\$210.20	\$762.90	\$946.30	\$1,919.39
STP - State	\$21.00	\$116.30	\$94.60	\$231.90
STP - Urban	\$54.10	\$196.30	\$243.50	\$493.96
HSIP	\$6.20	\$22.40	\$27.80	\$56.45
CMAQ	\$22.30	\$80.80	\$100.20	\$203.23
TAP	\$4.60	\$16.80	\$20.90	\$42.34
Discretionary Funding	\$31.80	\$115.60	\$143.30	\$290.73
State Sources	\$380.90	\$1,279.60	\$1,269.60	\$2,930.10
Local Sources	\$189.10	\$726.90	\$911.30	\$1,827.27
FTA-Fed	\$115.90	\$304.90	\$378.50	\$799.27
FTA-State	\$15.10	\$40.20	\$49.90	\$105.19
FTA-Local	\$25.50	\$70.00	\$87.10	\$182.65
<b>Total</b>	<b>\$1,076.60</b>	<b>\$3,732.70</b>	<b>\$4,273.50</b>	<b>\$9,082.81</b>

□ Includes the state match for Federal funding and state revenues (e.g., motor fuel taxes) allocated to the region for O&M and capital expenditures.

**Table 7.4 Revenue Forecast – Mississippi**

*Millions*

Funding Programs	2018-2020	2021-2030	2031-2040	Total
National Highway Performance Program	\$3.9	\$22.0	\$109.2	\$135.12
Surface Transportation Program - State	\$2.5	\$13.8	\$68.3	\$84.47
Surface Transportation Program - Urban	\$1.3	\$7.3	\$36.5	\$45.12
HSIP	\$0.2	\$1.1	\$5.6	\$6.87
CMAQ	\$0.2	\$1.3	\$6.6	\$8.22
TAP	\$0.1	\$0.3	\$1.7	\$2.12
Discretionary Funds	\$0.5	\$2.8	\$13.7	\$16.92
State Sources	\$134.2	\$499.8	\$184.4	\$818.38
Local Sources	\$24.4	\$93.8	\$117.5	\$235.72
<b>Total</b>	<b>\$167.3</b>	<b>\$642.2</b>	<b>\$543.4</b>	<b>\$1,352.90</b>

Note: Debt payments are already subtracted from revenues to provide these net transportation revenues available for projects.

Table 7.7 Balanced Revenue and Costs for Livability 2040 (Year of Expenditure Dollars)

Tiers	2014-2017			2018-2020			2021-2030			2031-2040			Total		
	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance
<b>Tennessee</b>															
National Highway Performance Program	\$301,600,000.00	\$301,600,000.00	\$0.00	\$210,193,543.36	\$210,117,026.42	\$76,516.00	\$762,892,383.62	\$762,892,383.62	\$0.00	\$946,307,137.73	\$946,234,663.35	\$72,474.00	\$1,919,393,064.71	\$1,919,244,073.39	\$148,991.00
Surface Transportation Program - State	\$16,560,000.00	\$16,560,000.00	\$0.00	\$21,019,354.34	\$20,997,002.20	\$22,352.00	\$116,289,238.36	\$116,289,238.36	\$0.00	\$94,630,713.77	\$92,118,706.55	\$2,512,007.00	\$231,939,306.47	\$229,404,947.12	\$2,534,359.00
Surface Transportation Program - Urban	\$128,416,829.00	\$127,023,116.00	\$1,393,713.00	\$54,093,926.60	\$25,009,865.21	\$29,084,061.00	\$196,332,598.73	\$195,111,952.65	\$1,220,646.00	\$243,534,925.15	\$221,127,191.01	\$22,407,734.00	\$493,961,450.48	\$441,249,008.88	\$52,712,441.00
HSIP	\$13,950,000.00	\$13,950,000.00	\$0.00	\$6,182,163.04	\$6,182,163.00	\$0.00	\$22,438,011.28	\$22,438,011.00	\$0.00	\$27,832,562.87	\$27,832,563.00	\$0.00	\$56,452,737.19	\$56,452,737.00	\$0.00
CMAQ	\$43,574,126.00	\$43,574,126.00	\$0.00	\$22,255,786.94	\$22,255,787.00	\$0.00	\$80,776,840.62	\$80,776,841.00	\$0.00	\$100,197,226.35	\$100,197,226.00	\$0.00	\$203,229,853.91	\$203,229,854.00	\$0.00
TAP	\$3,090,100.00	\$3,090,100.00	\$0.00	\$4,636,622.28	\$4,636,622.00	\$0.00	\$16,828,508.46	\$16,828,508.00	\$0.00	\$20,874,422.16	\$20,874,422.00	\$0.00	\$42,339,552.90	\$42,339,552.00	\$0.00
Discretionary Funds	\$55,286,392.00	\$55,286,392.00	\$0.00	\$31,838,139.66	\$0.00	\$31,838,139.00	\$115,555,758.11	\$98,343,879.67	\$17,211,878.00	\$143,337,698.80	\$0.00	\$143,337,698.00	\$290,731,596.57	\$98,343,879.67	\$192,387,716.00
State Sources	\$57,513,778.00	\$57,513,778.00	\$0.00	\$380,872,156.00	\$371,205,748.50	\$9,666,407.00	\$1,279,573,852.33	\$1,279,573,852.66	\$0.00	\$1,269,573,853.33	\$1,105,584,582.41	\$163,989,270.00	\$2,930,019,861.66	\$2,756,364,183.57	\$173,655,678.00
Local Sources	\$61,762,203.00	\$61,762,203.00	\$0.00	\$189,099,933.67	\$185,884,474.97	\$3,215,458.00	\$726,881,396.74	\$719,899,888.81	\$6,981,507.00	\$911,292,091.71	\$911,292,091.44	\$0.00	\$1,827,273,422.12	\$1,817,076,455.23	\$10,196,966.00
FTA-Fed	\$73,404,551.00	\$73,404,551.00	\$0.00	\$81,631,245.64	\$81,631,245.64	\$0.00	\$339,124,255.04	\$339,124,255.04	\$0.00	\$378,510,875.76	\$378,510,875.76	\$0.00	\$799,266,376.44	\$799,266,376.44	\$0.00
FTA-State	\$9,129,944.00	\$9,129,944.00	\$0.00	\$10,760,086.76	\$10,760,086.76	\$0.00	\$44,513,340.78	\$44,513,340.78	\$0.00	\$49,919,125.09	\$49,919,125.09	\$0.00	\$105,192,552.63	\$105,192,552.63	\$0.00
FTA-Local	\$9,784,944.00	\$9,784,944.00	\$0.00	\$21,064,410.67	\$21,064,410.67	\$0.00	\$74,519,304.44	\$74,519,304.44	\$0.00	\$87,066,682.39	\$87,066,682.39	\$0.00	\$182,650,397.50	\$182,650,397.50	\$0.00
<b>Total</b>	<b>\$774,072,867.00</b>	<b>\$772,679,154.00</b>	<b>\$1,393,713.00</b>	<b>\$1,033,647,368.96</b>	<b>\$959,744,432.39</b>	<b>\$73,902,936.00</b>	<b>\$3,775,725,488.51</b>	<b>\$3,750,311,456.03</b>	<b>\$25,414,032.00</b>	<b>\$4,273,077,315.11</b>	<b>\$3,940,758,129.00</b>	<b>\$332,319,186.00</b>	<b>\$9,082,450,172.58</b>	<b>\$8,650,814,017.41</b>	<b>\$431,636,155.00</b>
<b>Mississippi</b>															
National Highway Performance Program	\$33,900,000.00	\$33,900,000.00	\$0.00	\$3,933,606.10	\$3,117,610.00	\$815,996.00	\$22,006,695.61	\$11,866,066.00	\$10,140,629.00	\$109,180,586.76	\$109,180,587.00	\$0.00	\$135,120,888.47	\$124,164,263.00	\$10,956,625.00
Surface Transportation Program - State	\$56,013,977.00	\$56,013,977.00	\$0.00	\$2,459,159.70	\$2,456,044.00	\$3,115.00	\$13,757,854.17	\$11,507,542.00	\$2,250,312.00	\$68,256,071.58	\$68,256,072.00	\$0.00	\$84,473,085.45	\$82,219,658.00	\$2,253,427.00
Surface Transportation Program - Urban	\$25,285,444.00	\$21,975,989.00	\$3,309,455.00	\$1,313,534.09	\$1,283,190.40	\$30,343.00	\$7,348,612.01	\$7,348,612.00	\$0.00	\$36,458,257.29	\$16,933,337.00	\$19,524,920.00	\$45,120,403.39	\$25,565,139.40	\$19,555,263.00
HSIP	\$3,150,000.00	\$3,150,000.00	\$0.00	\$200,090.95	\$200,091.00	\$0.00	\$1,119,415.73	\$1,119,416.00	\$0.00	\$5,553,694.59	\$5,553,695.00	\$0.00	\$6,873,201.27	\$6,873,202.00	\$0.00
CMAQ	\$8,664,000.00	\$8,664,000.00	\$0.00	\$239,269.59	\$239,270.00	\$0.00	\$1,338,602.03	\$1,338,602.00	\$0.00	\$6,641,131.29	\$6,641,131.00	\$0.00	\$8,219,002.91	\$8,219,003.00	\$0.00
TAP	\$346,668.00	\$346,668.00	\$0.00	\$61,741.35	\$61,741.00	\$0.00	\$345,414.12	\$345,414.00	\$0.00	\$1,713,683.73	\$1,713,684.00	\$0.00	\$2,120,839.20	\$2,120,839.00	\$0.00
Discretionary Funds	\$7,609,600.00	\$7,609,600.00	\$0.00	\$492,444.11	\$0.00	\$492,444.00	\$2,754,995.62	\$1,696,968.00	\$1,058,027.00	\$13,668,205.51	\$1,887,378.00	\$11,780,827.00	\$16,915,645.24	\$3,584,346.00	\$13,331,299.00
State Sources	\$138,894,496.00	\$138,894,496.00	\$0.00	\$134,219,531.67	\$131,697,987.83	\$2,521,543.00	\$499,801,390.26	\$443,027,986.00	\$56,773,404.00	\$184,361,160.06	\$184,361,161.00	\$0.00	\$818,382,081.99	\$759,087,134.83	\$59,294,947.00
Local Sources	\$6,308,065.00	\$6,308,065.00	\$0.00	\$24,407,456.31	\$24,044,864.00	\$362,592.00	\$93,766,198.36	\$93,766,198.00	\$0.00	\$117,542,737.79	\$109,174,915.00	\$8,367,822.00	\$235,716,392.46	\$226,985,977.00	\$8,730,415.00
<b>Total</b>	<b>\$280,172,250.00</b>	<b>\$276,862,795.00</b>	<b>\$3,309,455.00</b>	<b>\$167,326,833.87</b>	<b>\$163,100,798.23</b>	<b>\$4,226,035.00</b>	<b>\$642,239,177.91</b>	<b>\$572,016,804.00</b>	<b>\$70,222,373.00</b>	<b>\$543,375,528.60</b>	<b>\$503,701,960.00</b>	<b>\$39,673,568.00</b>	<b>\$1,352,941,540.38</b>	<b>\$1,238,819,562.23</b>	<b>\$114,121,978.00</b>

Tiers	2014-2017			2018-2020			2021-2030			2031-2040			Total		
	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance
<b>Total Tennessee and Mississippi</b>															
National Highway Performance Program	\$335,500,000.00	\$335,500,000.00	\$0.00	\$214,127,149.46	\$213,234,636.42	\$892,513.00	\$784,899,079.23	\$774,758,449.62	\$10,140,629.00	\$1,055,487,724.49	\$1,055,415,250.35	\$72,474.00	\$2,054,513,953.18	\$2,043,408,336.39	\$11,105,616.00
Surface Transportation Program - State	\$72,573,977.00	\$72,573,977.00	\$0.00	\$23,478,514.04	\$23,453,046.20	\$25,467.00	\$130,047,092.53	\$127,796,780.36	\$2,250,312.00	\$162,886,785.35	\$160,374,778.55	\$2,512,006.00	\$316,412,391.92	\$311,624,605.12	\$4,787,786.00
Surface Transportation Program - Urban	\$153,702,273.00	\$148,999,105.00	\$4,703,168.00	\$55,407,460.69	\$26,293,055.62	\$29,114,405.00	\$203,681,210.74	\$202,460,564.65	\$1,220,646.00	\$279,993,182.44	\$238,060,528.01	\$41,932,654.00	\$539,081,853.87	\$466,814,148.28	\$72,267,705.00
HSIP	\$17,100,000.00	\$17,100,000.00	\$0.00	\$6,382,253.99	\$6,382,254.00	\$0.00	\$23,557,427.01	\$23,557,427.00	\$0.00	\$33,386,257.46	\$33,386,258.00	\$0.00	\$63,325,938.46	\$63,325,939.00	\$0.00
CMAQ	\$52,238,126.00	\$52,238,126.00	\$0.00	\$22,495,056.53	\$22,495,057.00	\$0.00	\$82,115,442.65	\$82,115,443.00	\$0.00	\$106,838,357.64	\$106,838,357.00	\$0.00	\$211,448,856.82	\$211,448,857.00	\$0.00
TAP	\$3,436,768.00	\$3,436,768.00	\$0.00	\$4,698,363.63	\$4,698,363.00	\$0.00	\$17,173,922.58	\$17,173,922.00	\$0.00	\$22,588,105.89	\$22,588,106.00	\$0.00	\$44,460,392.10	\$44,460,391.00	\$1.00
Discretionary Funds	\$62,895,992.00	\$62,895,992.00	\$0.00	\$32,330,583.77	\$0.00	\$32,330,583.00	\$118,310,753.73	\$100,040,847.67	\$18,269,906.00	\$157,005,904.31	\$1,887,378.00	\$155,118,526.00	\$307,647,241.81	\$101,928,225.67	\$205,719,016.00
State Sources	\$196,408,274.00	\$196,408,274.00	\$0.00	\$515,091,687.67	\$502,903,736.33	\$12,187,951.00	\$1,779,375,242.59	\$1,722,601,838.66	\$56,773,403.00	\$1,453,935,013.39	\$1,289,945,743.41	\$163,989,269.00	\$3,748,401,943.65	\$3,515,451,318.39	\$232,950,625.00
Local Sources	\$68,070,268.00	\$68,070,268.00	\$0.00	\$213,507,389.98	\$209,929,338.97	\$3,578,051.00	\$820,647,595.10	\$813,666,086.81	\$6,981,508.00	\$1,028,834,829.50	\$1,020,467,006.44	\$8,367,823.00	\$2,062,989,814.58	\$2,044,062,432.23	\$18,927,382.00
Federal-Transit	\$73,404,551.00	\$73,404,551.00	\$0.00	\$81,631,245.64	\$81,631,245.64	\$0.00	\$339,124,255.04	\$339,124,255.04	\$0.00	\$378,510,875.76	\$378,510,875.76	\$0.00	\$799,266,376.44	\$799,266,376.44	\$0.00
State-Transit	\$9,129,944.00	\$9,129,944.00	\$0.00	\$10,760,086.76	\$10,760,086.76	\$0.00	\$44,513,340.78	\$44,513,340.78	\$0.00	\$49,919,125.09	\$49,919,125.09	\$0.00	\$105,192,552.63	\$105,192,552.63	\$0.00
Local-Transit	\$9,784,944.00	\$9,784,944.00	\$0.00	\$21,064,410.67	\$21,064,410.67	\$0.00	\$74,519,304.44	\$74,519,304.44	\$0.00	\$87,066,682.39	\$87,066,682.39	\$0.00	\$182,650,397.50	\$182,650,397.50	\$0.00
<b>Total</b>	<b>\$1,054,245,117.00</b>	<b>\$1,049,541,949.00</b>	<b>\$4,703,168.00</b>	<b>\$1,200,974,202.83</b>	<b>\$1,122,845,230.62</b>	<b>\$78,128,972.00</b>	<b>\$4,417,964,666.42</b>	<b>\$4,322,328,260.03</b>	<b>\$95,636,406.00</b>	<b>\$4,816,452,843.71</b>	<b>\$4,444,460,089.00</b>	<b>\$371,992,754.00</b>	<b>\$10,435,391,712.96</b>	<b>\$9,889,633,579.64</b>	<b>\$545,758,133.00</b>

Table 7.7 Balanced Revenue and Costs for Livability 2040 (Year of Expenditure Dollars)

Tiers	2014-2017			2018-2020			2021-2030			2031-2040			Total		
	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance
<b>Tennessee</b>															
National Highway Performance Program	\$301,600,000.00	\$301,600,000.00	-	\$210,193,543.36	\$210,117,026.62	\$76,516.74	\$762,892,383.62	\$762,892,383.62	-	\$946,307,137.73	\$946,234,663.12	\$72,474.62	\$1,919,393,064.72	\$1,919,244,073.36	\$148,991.36
Surface Transportation Program - State	\$16,560,000	\$16,560,000	-	\$21,019,354	\$20,997,002	\$22,352	\$116,289,238.36	\$116,289,238.36	-	\$94,630,714	\$92,118,707	\$2,512,007	\$231,939,306.47	\$229,404,947.12	\$2,534,359.00
Surface Transportation Program - Urban	\$128,416,829.00	\$127,023,116.00	\$1,393,713.00	\$54,093,926.60	\$54,091,398.97	\$2,527.63	\$196,332,598.73	\$196,332,598.73	-	\$243,534,925.15	\$221,127,191.01	\$22,407,734.14	\$493,961,450.48	\$471,551,188.71	\$22,410,261.77
HSIP	\$13,950,000.00	\$13,950,000.00	-	\$6,182,163.04	\$6,182,163.04	-	\$22,438,011.28	\$22,438,011.28	-	\$27,832,562.87	\$27,832,562.87	-	\$56,452,737.20	\$56,452,737.20	-
CMAQ	\$43,574,126.00	\$43,574,126.00	-	\$22,255,786.94	\$22,255,786.94	-	\$80,776,840.62	\$80,776,840.62	-	\$100,197,226.35	\$100,197,226.35	-	\$203,229,853.91	\$203,229,853.91	-
TAP	\$3,090,100.00	\$3,090,100.00	-	\$4,636,622.28	\$4,636,622.28	-	\$16,828,508.46	\$16,828,508.46	-	\$20,874,422.16	\$20,874,422.16	-	\$42,339,552.90	\$42,339,552.90	-
Discretionary Funds	\$55,286,392	\$55,286,392	-	\$31,838,140	-	\$31,838,139	\$115,555,758	\$98,343,880.67	\$17,211,878.00	\$143,337,699	-	\$143,337,698	\$290,731,597	\$98,343,879.67	\$192,387,716.00
State Sources	\$57,513,778	\$57,513,778	-	\$380,872,156	\$371,205,749	\$9,666,407	\$1,279,573,852.33	\$1,279,573,853.66	-	\$1,269,573,853	\$1,105,584,582	\$163,989,270	\$2,930,019,861.66	\$2,756,364,183.57	\$173,655,678.00
Local Sources	\$61,762,203.00	\$61,762,203.00	-	\$189,099,933.67	\$184,452,662.75	\$4,647,270.92	\$726,881,396.74	\$726,881,396.74	-	\$911,292,091.71	\$911,292,091.71	-	\$1,827,273,422.12	\$1,822,626,151.20	\$4,647,270.92
FTA-Fed	\$73,404,551.00	\$73,404,551.00	-	\$115,851,245.64	\$115,851,245.64	-	\$304,904,255.04	\$304,904,255.04	-	\$378,510,875.76	\$378,510,875.76	-	\$799,266,376.44	\$799,266,376.44	-
FTA-State	\$9,129,944.00	\$9,129,944.00	-	\$15,060,086.76	\$15,060,086.76	-	\$40,213,340.78	\$40,213,340.78	-	\$49,919,125.09	\$49,919,125.09	-	\$105,192,552.63	\$105,192,552.63	-
FTA-Local	\$9,784,944.00	\$9,784,944.00	-	\$25,544,410.67	\$25,544,410.67	-	\$70,039,304.44	\$70,039,304.44	-	\$87,066,682.39	\$87,066,682.39	-	\$182,650,397.50	\$182,650,397.50	-
<b>Total</b>	<b>\$774,072,867.00</b>	<b>\$772,679,154.00</b>	<b>\$1,393,713.00</b>	<b>\$1,076,647,368.97</b>	<b>\$1,030,394,154.20</b>	<b>\$46,253,214.76</b>	<b>\$3,732,725,488.51</b>	<b>\$3,715,513,609.60</b>	<b>\$17,211,878.00</b>	<b>\$4,273,077,315.13</b>	<b>\$4,049,917,734.28</b>	<b>\$223,159,580.85</b>	<b>\$9,082,450,172.58</b>	<b>\$8,659,016,170.99</b>	<b>\$423,434,001.00</b>
<b>Mississippi</b>															
National Highway Performance Program	\$33,900,000.00	\$33,900,000.00	-	\$3,933,606.10	\$3,117,609.53	\$815,996.57	\$22,006,695.61	\$11,866,066.44	\$10,140,629.17	\$109,180,586.76	\$109,180,586.76	-	\$135,120,888.46	\$124,164,262.72	\$10,956,625.74
Surface Transportation Program - State	\$56,013,977.00	\$56,013,977.00	-	\$2,459,159.70	\$2,456,044.16	\$3,115.55	\$13,757,854.17	\$11,507,542.30	\$2,250,311.87	\$68,256,071.58	\$68,256,071.58	-	\$84,473,085.45	\$82,219,658.03	\$2,253,427.42
Surface Transportation Program - Urban	\$25,285,444.00	\$21,975,989.00	\$3,309,455.00	\$1,313,534.09	\$1,283,190.84	\$30,343.25	\$7,348,612.01	\$7,340,121.33	\$8,490.68	\$36,458,257.29	\$36,458,257.29	-	\$45,120,403.40	\$45,081,569.46	\$38,833.93
HSIP	\$3,150,000.00	\$3,150,000.00	-	\$200,090.95	\$200,090.95	-	\$1,119,415.73	\$1,119,415.73	-	\$5,553,694.59	\$5,553,694.59	-	\$6,873,201.26	\$6,873,201.26	-
CMAQ	\$8,664,000.00	\$8,664,000.00	-	\$239,269.59	\$239,269.59	-	\$1,338,602.03	\$1,338,602.03	-	\$6,641,131.29	\$6,641,131.29	-	\$8,219,002.91	\$8,219,002.91	-
TAP	\$346,668.00	\$346,668.00	-	\$61,741.35	\$61,741.35	-	\$345,414.12	\$345,414.12	-	\$1,713,683.73	\$1,713,683.73	-	\$2,120,839.20	\$2,120,839.20	-
Discretionary Funds	\$7,609,600.00	\$7,609,600.00	-	\$492,444.11	-	\$492,444.11	\$2,754,995.62	-	\$2,754,995.62	\$13,668,205.51	\$1,887,377.54	\$11,780,827.97	\$16,915,645.24	\$1,887,377.54	\$15,028,267.70
State Sources	\$138,894,496.00	\$138,894,496.00	-	\$134,219,531.67	\$133,507,281.06	\$712,250.61	\$499,801,390.26	\$442,027,985.53	\$57,773,404.73	\$184,361,160.06	\$184,361,160.06	-	\$818,382,081.99	\$759,896,426.66	\$58,485,655.34
Local Sources	\$6,308,065.00	\$6,308,065.00	-	\$24,407,456.31	\$24,044,864.98	\$362,591.33	\$93,766,198.36	\$83,097,038.42	\$10,669,159.94	\$117,542,737.79	\$117,542,737.79	-	\$235,716,392.46	\$224,684,641.19	\$11,031,751.27
<b>Total</b>	<b>\$280,172,250.00</b>	<b>\$276,862,795.00</b>	<b>\$3,309,455.00</b>	<b>\$167,326,833.87</b>	<b>\$164,910,092.46</b>	<b>\$2,416,741.41</b>	<b>\$642,239,177.90</b>	<b>\$558,642,185.88</b>	<b>\$83,596,992.02</b>	<b>\$543,375,528.60</b>	<b>\$531,594,700.63</b>	<b>\$11,780,827.97</b>	<b>\$1,352,941,540.37</b>	<b>\$1,255,146,978.97</b>	<b>\$97,794,561.40</b>

Pending Final Federal Approval

Tiers	2014-2017			2018-2020			2021-2030			2031-2040			Total		
	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance	Revenues	Expenditures	Balance
<b>Total Tennessee and Mississippi</b>															
National Highway Performance Program	\$335,500,000.00	\$335,500,000.00	-	\$214,127,149.46	\$213,234,636.15	\$892,513.31	\$784,899,079.23	\$774,758,450.06	\$10,140,629.17	\$1,055,487,724.49	\$1,055,415,249.87	\$72,474.62	\$2,054,513,953.18	\$2,043,408,336.08	\$11,105,617.10
Surface Transportation Program - State	\$72,573,977	\$72,573,977	-	\$23,478,514	\$23,453,046	\$25,467	\$130,047,092.53	\$127,796,780.36	\$2,250,312.00	\$162,886,785	\$160,374,779	\$2,512,006	\$316,412,391.92	\$311,624,605.12	\$4,787,786.00
Surface Transportation Program - Urban	\$153,702,273.00	\$148,999,105.00	\$4,703,168.00	\$55,407,460.70	\$55,374,589.82	\$32,870.88	\$203,681,210.73	\$203,672,720.05	\$8,490.68	\$279,993,182.45	\$257,585,448.30	\$22,407,734.14	\$539,081,853.87	\$516,632,758.17	\$22,449,095.70
HSIP	\$17,100,000.00	\$17,100,000.00	-	\$6,382,253.99	\$6,382,253.99	-	\$23,557,427.01	\$23,557,427.01	-	\$33,386,257.46	\$33,386,257.46	-	\$63,325,938.46	\$63,325,938.46	-
CMAQ	\$52,238,126.00	\$52,238,126.00	-	\$22,495,056.54	\$22,495,056.54	-	\$82,115,442.65	\$82,115,442.65	-	\$106,838,357.64	\$106,838,357.64	-	\$211,448,856.82	\$211,448,856.82	-
TAP	\$3,436,768.00	\$3,436,768.00	-	\$4,698,363.63	\$4,698,363.63	-	\$17,173,922.58	\$17,173,922.58	-	\$22,588,105.89	\$22,588,105.89	-	\$44,460,392.10	\$44,460,392.10	-
Discretionary Funds	\$62,895,992	\$62,895,992	-	\$32,330,584	-	\$32,330,583	\$118,310,754	\$98,343,879.67	\$19,966,874.00	\$157,005,904	\$1,887,378	\$155,118,526	\$307,647,242	\$100,231,257.67	\$207,415,984.00
State Sources	\$196,408,274	\$196,408,274	-	\$515,091,688	\$504,713,029	\$10,378,658	\$1,779,375,242.59	\$1,721,601,838.66	\$57,773,403.00	\$1,453,935,013	\$1,289,945,743	\$163,989,269	\$3,748,401,943.65	\$3,516,260,611.39	\$232,141,332.00
Local Sources	\$68,070,268.00	\$68,070,268.00	-	\$213,507,389.98	\$208,497,527.73	\$5,009,862.25	\$820,647,595.10	\$809,978,435.16	\$10,669,159.94	\$1,028,834,829.50	\$1,028,834,829.50	-	\$2,062,989,814.58	\$2,047,310,792.39	\$15,679,022.19
Federal-Transit	\$73,404,551.00	\$73,404,551.00	-	\$115,851,245.64	\$115,851,245.64	-	\$304,904,255.04	\$304,904,255.04	-	\$378,510,875.76	\$378,510,875.76	-	\$799,266,376.44	\$799,266,376.44	-
State-Transit	\$9,129,944.00	\$9,129,944.00	-	\$15,060,086.76	\$15,060,086.76	-	\$40,213,340.78	\$40,213,340.78	-	\$49,919,125.09	\$49,919,125.09	-	\$105,192,552.63	\$105,192,552.63	-
Local-Transit	\$9,784,944.00	\$9,784,944.00	-	\$25,544,410.67	\$25,544,410.67	-	\$70,039,304.44	\$70,039,304.44	-	\$87,066,682.39	\$87,066,682.39	-	\$182,650,397.50	\$182,650,397.50	-
<b>Total</b>	<b>\$1,054,245,117</b>	<b>\$1,049,541,949</b>	<b>\$4,703,168</b>	<b>\$1,243,974,203</b>	<b>\$1,167,654,524</b>	<b>\$76,319,679</b>	<b>\$4,374,964,666.42</b>	<b>\$4,274,155,796.60</b>	<b>\$100,808,869.00</b>	<b>\$4,816,452,844</b>	<b>\$4,472,352,833</b>	<b>\$344,100,010</b>	<b>\$10,435,391,712.96</b>	<b>\$9,914,163,153.22</b>	<b>\$521,228,559.00</b>

Table 8.2 Fiscally Constrained Project List

Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
<b>2018-2020 TN Projects</b>																		
1000	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$272,307,306.59	NHPP: 61%	\$166,064,705	61%	\$79,011,871	29%	\$27,230,731	10%
1003	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$53,789,097.60	NHPP: 61%	\$32,802,905	61%	\$15,607,283	29%	\$5,378,910	10%
1006		non-NHS Pavement and bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$83,036,919.42	None	\$0	0%	\$8,303,692	10%	\$74,733,227	90%
1009	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2019	2018-2020	\$38,246,212.20	HSIP: 16%	\$6,182,163	86%	\$439,195	6%	\$527,466	7%
												CMAQ: 58%	\$22,255,787	86%	\$1,581,104	6%	\$1,898,878	7%
												TAP: 12%	\$4,636,622	86%	\$329,397	6%	\$395,600	7%
												Total Federal: 86%	\$33,074,572	86%	\$2,349,696	6%	\$2,821,944	7%
1013	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2019	2018-2020	\$108,331,968.51	FTA: 72%	\$77,532,226	72%	\$10,247,709	9%	\$20,552,033	19%
40	STP-M-2006-03	Old Brownsville Rd	SR-14 (Austin Peay) to Kirby Whitten	2.3	Widen to four lane divided roadway with a raised median and median openings and turn lanes for access to existing driveways. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Bartlett	TN	2020	2018-2020	\$27,708,788.43	STP-Urban: 6%	\$1,648,673	6%	\$0	0%	\$26,060,116	94%
66	STP-M-2014-02	Germantown Road Realignment	Poplar Pike/McVay to 1000 feet south of Poplar Pike	0.5	Realignment and construction of a 5 lane road to make Germantown Road continuous through the City of Germantown. The project includes the realignment of West Street and Old Germantown Roads to form an intersection with the Realigned Germantown Road north of the NSRR tracks. As part of the project, the railroad at-grade crossing will be improved to current NSRR standards and Old Germantown Road will be improved from Poplar Pike to the intersection of Old Germantown Road with Germantown Road Realigned.	Road Widening	Germantown	TN	2020	2018-2020	\$4,327,395.38	STP-Urban: 75%	\$3,245,547	75%	\$0	0%	\$1,081,849	25%
67	STP-M-2014-07	Germantown Road at Wolf River Boulevard Intersection Improvements	Germantown Road at Wolf River Boulevard Intersection	0.34	Reconstruct intersection of Wolf River Blvd and Germantown Road, with widening and reconstruction of traffic signals on Germantown Road from Brierbrook Rd to Wolf Trail Cove.	Roadway Reconfiguration	Germantown	TN	2020	2018-2020	\$1,904,053.97	STP-Urban: 75%	\$1,428,040	75%	\$0	0%	\$476,013	25%

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Livability												Federal	Percent		Percent		Percent	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
8	TN-IM-2011-01	I-55	Interchange at Crump Blvd	N/A	Interchange Modification	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$72,644,910*							
42		US-70/US-79/SR-1 (Summer Ave)	Summer Avenue, From I-40 to 0.1 Mile North of Sycamore View Road	1.66	Widen from four or five lanes to seven lanes	Road Widening	Memphis	TN	2020	2018-2020	\$33,519,370.22	None	\$0	0%	\$33,519,370	100%	\$0	0%
43	TN-NHPP-2014-02	SR-4 (US-78/Lamar Ave)	Mississippi state line to South of Shelby Drive	1.1	Reconstruct and widen from four lanes to six lanes (divided)	Road Widening	Memphis	TN	2020	2018-2020	\$43,101,215.33	NHPP: 26%	\$11,249,417	42%	\$15,490,343	58%	\$0	0%
												STP-State: 16%	\$6,883,264	42%	\$9,478,191	58%	\$0	0%
												Total Federal: 42%	\$18,132,681	42%	\$24,968,534	58%	\$0	0%
59	STP-M-2006-04	Plough Blvd	Plough Blvd. Interchange with Winchester Rd.	1.5	Improve 3,000 feet along Plough-Airways Blvd. south from Brooks Road and improve 3,000 feet along Winchester east of original at-grade section. The improvements will provide a grade-separated interchange to replace the existing at-grade condition at the Plough-Airways/Winchester Rd. intersection. The final design will maintain the present direct connectors between Plough Blvd. and the airport. the preliminary planning will include coordination with MATA to address future light rail service to the airport	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$29,690,132.33	STP-Urban: 4%	\$1,187,605	4%	\$0	0%	\$28,502,527	96%
143		US-78/SR-4 (Lamar Ave)	Interchange at SR-175 (Shelby Dr)	N/A	Construct new interchange	New Interchange	Memphis	TN	2020	2018-2020	\$145,730,350.11	None	\$0	0%	\$145,730,350	100%	\$0	0%
309		East Memphis North-South Express Bus	IRS Park and Ride Lot; American Way Transit Center; Stage Rd (SR-15)/Summer Ave (US64/US79)	18	New express bus service with 30 min headways during AM and PM peak; 60 minute headways during off-peak times	Transit Service	Memphis	TN	2020	2018-2020	\$3,886,063.11	FTA: 80%	\$3,108,850	80%	\$388,606	10%	\$388,606	10%
329	STP-M-2004-01	Winchester/Perkins Interchange	Winchester at Perkins	0.3	Reconstruct interchange to allow for the removal of the center pier in Winchester and construct more travel lanes on Winchester. Project scope will include ADA accessible pedestrian improvements.	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$1,564,044.33	STP-State: 80%	\$1,251,235	80%	\$312,809	20%	\$0	0%

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Livability												Federal	Percent		Percent		Percent	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Federal Funding	State Funds	State Funding	Local Funds	Local Funding
330	STP-M-2006-10	Kirby/Whitten Parkway (Shelby Farms Parkway)	Walnut Grove (SR-23) to Macon Road (SR-193)	2.5	Widen Walnut Grove Road from four lanes to six lanes from just east of the Wolf River to the proposed Walnut Grove/Kirby-Whitten interchange with a heavily landscaped median. Construct a four-lane heavily landscaped roadway with a variable width median from the proposed interchange to Mullins Station Road. Construct and/or widen Kirby-Whitten from two lanes to four lanes with a two-way left-turn lane from Mullins Station Road to Macon Road. The proposed interchange at Walnut Grove Road and Kirby-Whitten and the associated ramps are included in the project. Adjacent pedestrian and bicycle paths will be designed in conjunction with this project. Two grade separated trail crossings will be provided along Kirby-Whitten and one grade separated trail crossing will be provided along Walnut Grove.	New Roadway	Memphis	TN	2020	2018-2020	\$25,000,000.00	STP-Urban: 70%	\$17,500,000	70%	\$0	0%	\$7,500,000	30%
331	STP-M-2000-11	Walnut Grove Road Middle	Kirby/Whitten Pkwy to Germantown Pkwy	3	Walnut Grove Road will remain four lanes. Access management measures will be provided to limit left turn movements across Walnut Grove traffic. These include construction of a "green bridge" type grade separated intersection approximately one mile west of Germantown Parkway. The new "green bridge" will connect to the internal road network of Shelby Farms Park and the Agricenter allowing wildlife, pedestrians, bicyclist, and vehicles to cross Walnut Grove. The "green bridge" design will include landscaping, vehicular travel lanes, bicycle and pedestrian facilities, and connections to Walnut Grove. All intersecting streets and drives between the Kirby Whitten Project (Shelby Farms Parkway) and the "green bridge" will be converted to right in, right out operation. The project will include installation of a shared use trail on the north side of Walnut Grove from Patriot Lake to Germantown Parkway and pavement reconstruction of Walnut Grove.	Road Widening	Memphis	TN	2020	2018-2020	\$16,078,128.42	STP-State: 80%	\$12,862,503	80%	\$3,215,626	20%	\$0	0%
336		Short Range Transit Plan(SRTP) Route 39 South Third	Holmes Rd. to TN/MS state line	1.5	Extend SRTP Route 39 into Desoto County to connect with the new Goodman Rd. route.	Transit Service	Memphis	TN	2020	2018-2020	\$493,008.01	FTA: 80%	\$394,406	80%	\$49,301	10%	\$49,301	10%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
337		SRTP Route 32 Whitehaven	FedEx Blvd. to TN/MS state line	3	Extend SRTP Route 32 into Desoto County to connect with the new Goodman Rd. route	Transit Service	Memphis	TN	2020	2018-2020	\$744,703.45	FTA: 80%	\$595,763	80%	\$74,470	10%	\$74,470	10%
347	ENH-2010-01	US 51/SR-3 (Elvis Presley)	Shelby Drive (SR-175) to Brooks Road	2.85	Construct a six lane heavily landscaped roadway adjacent to Graceland, which includes median, wide outside lanes for bikes and a bus stop turn-out lane. From Craft to Winchester widen from four to six lanes with a median. The other two segments will have the same existing laneage but the entire project will have improved ped/bike/bus stop and landscaping.	Road Widening	Memphis	TN	2020	2018-2020	\$32,976,485*							
151	I-69		From South of SR-388(North Watkins Street) to South of Fite Road	2.3	New four-lane Interstate	New Roadway	Shelby Co	TN	2020	2018-2020	\$58,186,517.33	None	\$0	0%	\$58,186,517	100%	\$0	0%
<b>2018-2020 TN Projects Subtotal:</b>											<b>\$947,645,274.73</b>		<b>\$422,036,965</b>		<b>\$409,284,065</b>		<b>\$197,671,671</b>	
<b>2021-2030 TN Projects</b>																		
1001	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$1,054,340,142.50	NHPP: 58%	\$612,008,605	58%	\$286,838,808	27%	\$155,492,729	15%
1004	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$208,264,719.51	NHPP: 58%	\$120,891,005	58%	\$56,758,801	27%	\$30,614,914	15%
1007		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$321,508,660.74	None	\$0	0%	\$32,150,866	10%	\$289,357,795	90%
1010	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2021	2021-2030	\$138,813,702.47	HSIP: 16%	\$22,438,011	86%	\$1,594,049	6%	\$1,914,426	7%
												CMAQ: 58%	\$80,776,841	86%	\$5,738,577	6%	\$6,891,933	7%
												TAP: 12%	\$16,828,508	86%	\$1,195,537	6%	\$1,435,819	7%
												Total Federal: 86%	\$120,043,360	86%	\$8,528,164	6%	\$10,242,178	7%
1012		Livability Corridors		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Livability Corridors	Regionwide	TN	2021	2021-2030	\$22,063,295.96	None	\$0	0%	\$11,031,648	50%	\$11,031,648	50%
1014	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2021	2021-2030	\$390,156,900.25	FTA: 73%	\$284,904,255	73%	\$37,713,341	10%	\$67,539,304	17%
64		SR-14 (Austin Peay)	SR-385 (Paul Barrett Pkwy) to East of Kerrville-Rosemark Road	4.7	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2021	2021-2030	\$50,000,000	STBG-State: 80%	\$40,000,000	80%	\$10,000,000	20%	\$0	0%

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Livability											Federal	Percent		Percent		Percent		
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
32	STP-M-2014-10	SR-205 (Airline Road) North Widening	From the Hall Creek bridge at I-40 north to 1,100' north of the Airline - Milton Wilson intersection	0.75	The project includes the widening of SR-205 (Airline Road) from two lanes to five lanes, with the addition of curb & gutter, drainage improvements, sidewalks, bike lanes and other amenities. The project extends from I-40 on the south end to 1,100' north of the Airline - Milton Wilson Intersection.	Road Widening	Arlington	TN	2025	2021-2030	\$8,444,793.13	STP-State: 80%	\$6,755,835	80%	\$1,688,959	20%	\$0	0%
33	STP-M-2014-09	Highway 70 at Jetway Rd Improvements	US 70 at Jetway Rd	0.3	Widen Highway 70 from 4 lanes to 5 lanes from just east of SR-385 to just west of Airline Road. The widening is to provide for a left turn lane associated with the installation of a traffic control signal, which will not increase capacity. Project includes the installation of a traffic signal at the Highway 70 - Jetway Road intersection. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Arlington	TN	2025	2021-2030	\$2,992,273.59	STP-State: 80%	\$2,393,819	80%	\$598,455	20%	\$0	0%
69		US-70/US-79/SR-1	Airline Rd to Collierville Rd/Chester Rd	0.6	Widen from 4 to 5 lanes	Road Widening	Arlington	TN	2030	2021-2030	\$9,323,999.99	STP-Urban: 74%	\$6,906,896	74%	\$0	0%	\$2,417,104	26%
83	TCSP-2012-01	Donelson Farms Pkwy	From SR-385 (Future I-269) to Airline Rd	0.5	This project consists of the design and construction of approximately 2,400 linear feet of 2-lanes of Donelson Farms Parkway. The ultimate roadway is intended to be a 4-lane urban collector with a median, bike and pedestrian facilities.	New Roadway	Arlington	TN	2025	2021-2030	\$6,319,238.91	STP-Urban: 60%	\$3,791,543	60%	\$0	0%	\$2,527,696	40%
100		SR-205 (Airline Rd)	Donelson Farm Pkwy to I-40	0.95	Widen from 2 to 4 lanes (divided)	Road Widening	Arlington	TN	2030	2021-2030	\$16,576,000.00	Discretionary Funds: 80%	\$13,260,800	80%	\$0	0%	\$3,315,200	20%
325	STP-M-2000-22	Forest Hill Irene	Walnut Grove to Macon Road	3.03	Construct new six lane roadway with a median, adjacent bike path, sidewalks, and curb ramps. The project also includes an 1,100 foot extension of Trinity Road from Sanga Creek Road to Forest Hill Irene. Trinity Road will maintain a seven lane cross section.	New Roadway	Memphis	TN	2030	2021-2030	\$18,149,416	Discretionary Funds: 70%	\$12,695,517	70%	\$0	0%	\$5,453,900	30%
182	STP-M-2014-11	Wilksville Rd	US-51 to Veterans Parkway	0.74	Extension of a 5 lane road through a newly developing area of the City. This project will create a pedestrian friendly roadway through a mixed use center that will function as the town center and connect to Veterans Parkway.	New Roadway	Millington	TN	2025	2021-2030	\$14,551,304	Discretionary Funds: 75%	\$10,913,478	75%	\$0	0%	\$3,637,826	25%

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Livability												Federal	Percent		Percent		Percent	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Federal Funding	State Funds	State Funding	Local Funds	Local Funding
71	STP-M-2000-16	Walnut Grove Road East	Walnut Bend Road to Rocky Point Road	2.5	Widen existing four and two lane roadway to six lanes with a median, eliminate sharp curves and realign Rocky Point Road intersection to improve safety. This project will provide wide outside lanes for bikes	Road Widening	Memphis	TN	2025	2021-2030	\$12,029,731	Discretionary Funds: 75%	\$9,022,298	75%	\$0	0%	\$3,007,433	25%
136		I-40	From 1.0 mile East of Canada Road to SR-205 (Collierville-Arlington Road)	3.9	Widen from 4 lanes to 6 lanes (includes high occupancy vehicle lanes)	Road Widening	Arlington	TN	2025	2021-2030	\$63,432,435.50	None	\$0	0%	\$63,432,435	100%	\$0	0%
41	STP-M-2014-01	SR-57 Widening	Collierville Arlington Rd/Eastley St to SR-385	0.91	Project involves the widening of SR 57 from an existing two lane rural cross section to a five lane urban cross section. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Collierville	TN	2025	2021-2030	\$30,759,970.47	STP-State: 80%	\$24,607,976	80%	\$6,151,994	20%	\$0	0%
96		SR-175 (Shelby Dr)	Jasper Park to Shelby Post	0.96	Widen from 2 to 6 lanes (divided)	Road Widening	Collierville	TN	2030	2021-2030	\$20,720,000.00	STP-Urban: 70%	\$14,504,000	70%	\$0	0%	\$6,216,000	30%
145		Winchester Rd	Byhalia Rd to US-72/SR-86	1.04	New 4 lane Rd (divided)	New Roadway	Collierville	TN	2030	2021-2030	\$24,958,077.56	Discretionary Funds: 80%	\$19,966,462	80%	\$0	0%	\$4,991,616	20%
11		SR-196 (Hickory Withe Rd)	US-64/SR-15 to I-40 (Intersections)	5.14	Add Shoulder	Road Widening	Fayette Co	TN	2025	2021-2030	\$1,041,698.95	STP-State: 80%	\$833,359	80%	\$208,340	20%	\$0	0%
52		I-40	Interchange at SR-196 (Hickory Withe Rd)	N/A	Construct new interchange	New Interchange	Fayette Co	TN	2025	2021-2030	\$37,743,609.30	STP-Urban: 30%	\$11,323,083	30%	\$0	0%	\$26,420,527	70%
56	STP-M-2006-01	New Canada Rd	I-40 to US-70/SR-1	2.3	Design and Construction of a new four lane divided highway between Interstate 40 (Exit 20) and U.S. Highway 70 (State Route #1).	New Roadway	Lakeland	TN	2025	2021-2030	\$19,631,174.69	STP-Urban: 60%	\$11,778,705	60%	\$0	0%	\$7,852,470	40%
6		Holmes Rd	Weaver to Horn Lake Rd	1.6	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$30,660,629.34	STP-Urban: 50%	\$15,330,315	50%	\$0	0%	\$15,330,315	50%
7		I-240	NB I-55 to I-240 N	1.4	Widen from 2 to 3 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$26,497,649.02	STP-Urban: 30%	\$7,949,295	30%	\$0	0%	\$18,548,354	70%
12		SR-3 (North Second St)	Interchange at I-40	N/A	Interchange Modification	Interchange Modification/ Reconstruction	Memphis	TN	2025	2021-2030	\$18,059,960.98	STP-Urban: 30%	\$5,417,988	30%	\$0	0%	\$12,641,973	70%
15		US-78/SR-4 (Lamar Ave)	Interchange at Holmes Rd	0.5	Construct new interchange and widen Holmes 1000 feet east to 7 lanes with service roads	New Interchange	Memphis	TN	2025	2021-2030	\$52,271,338.17	None	\$0	0%	\$52,271,338	100%	\$0	0%
16		Winchester Rd	Ridgeway to Hacks Cross	2.7	Add median	Road Widening	Memphis	TN	2025	2021-2030	\$10,496,996.25	STP-Urban: 30%	\$3,149,099	30%	\$0	0%	\$7,347,897	70%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
38		I-40	From SR-177(Germantown Road) to 1.0 mile East of Canada Road	4.5	Widen from 6 lanes to 8 lanes (includes high occupancy vehicle lanes)	Road Widening	Memphis	TN	2025	2021-2030	\$86,748,294.12	None	\$0	0%	\$86,748,294	100%	\$0	0%
39	STP-M-2000-09	North Second Street (Phase II)	Cedar to South of the Wolf River Bridge	1.02	Improve North Second Street corridor to a parkway design including right-of way acquisition, reconstruction of sidewalks, provisions for bicycles, landscaping, and utility relocation. From Cedar Avenue to the Wolf River Bridge, widen Second Street from two to four lanes with a raised median. Bicycle lanes will be provided along the improved North Second Street corridor.	Road Widening	Memphis	TN	2025	2021-2030	\$18,474,029.74	STP-Urban: 60%	\$11,084,418	60%	\$0	0%	\$7,389,612	40%
48	TN-IM-2012-01	I-240	Airways Blvd	0.48	Reconstruct interchange	Interchange Modification/ Reconstruction	Memphis	TN	2025	2021-2030	\$64,186,924.41	STP-State: 42%	\$26,958,508	42%	\$37,228,416	58%	\$0	0%
49	TN-NHPP-2014-01	I-240	Replacement of 3 Overhead Bridges; Norfolk Southern RR (LM 15.45), Poplar Av (SR-57 EB LM 15.57), and Poplar Av. (SR-57 WB LM 15.73)	0.28	Replacement of 3 Overhead Bridges; Norfolk Southern RR (LM 15.45), Poplar Ave (SR-57 EB LM 15.57), and Poplar Ave (SR-57 WB LM 15.73)	Bridge Maintenance	Memphis	TN	2025	2021-2030	\$33,937,914.06	STP-State: 43%	\$14,739,741	43%	\$19,198,173	57%	\$0	0%
58		Poplar Avenue	Bellevue to Front	1.8	Reduce Poplar from 6/7 lanes to 5 lanes, and include; bicycle lanes, traffic signal modernization, transit and pedestrian improvements, and access management.	Roadway Reconfiguration	Memphis	TN	2025	2021-2030	\$8,545,722.86	STP-Urban: 30%	\$2,563,717	30%	\$0	0%	\$5,982,006	70%
60		Shelby Dr	Sewanee Rd to Weaver Rd	1.69	Widen from 2 to 4 lanes with grade separation at rail road track	Road Widening	Memphis	TN	2025	2021-2030	\$38,805,440.26	STP-Urban: 35%	\$13,581,904	35%	\$0	0%	\$25,223,536	65%
61		Shelby Dr Extension	Paul Lowry Rd to Sewanee Rd	1.9	New 4 lane road (divided) with grade separation at rail crossing	New Roadway	Memphis	TN	2025	2021-2030	\$31,425,368.37	STP-Urban: 35%	\$10,998,879	35%	\$0	0%	\$20,426,489	65%
104		US-78/SR-4 (Lamar Ave)	Interchange at Winchester Rd	1	Construct new interchange	New Interchange	Memphis	TN	2025	2021-2030	\$149,194,078.28	None	\$0	0%	\$149,194,078	100%	\$0	0%
116	NHS-2002-01	I-240 Midtown	I-40 to I-55	6	Widen from 6 to 8 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$58,560,922.48	NHPP: 51%	\$29,992,773	51%	\$28,568,149	49%	\$0	0%
150		I-69	From 0.8 Mile East of US-51 to 0.5 Mile South of SR-388	5.6	New 4 lane Interstate	New Roadway	Memphis	TN	2025	2021-2030	\$169,073,772.02	None	\$0	0%	\$169,073,772	100%	\$0	0%
161		US-78/SR-4 (Lamar Ave)	Raines Road/Perkins Road Interchange to Getwell Road (SR-176)	1.8	Widen from 4 to 6 lanes (divided)	Road Widening	Memphis	TN	2025	2021-2030	\$116,430,780.97	None	\$0	0%	\$116,430,781	100%	\$0	0%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
227	STP-M-2000-09	North Second Street (Phase III)	South of Wolf River Bridge to US-51	2.7	Improve North Second Street corridor to a parkway design including right-of-way acquisition, reconstruction of sidewalks, provisions for bicycles, landscaping, and utility relocation. From the Wolf River bridge to Harvester Lane, North Second Street will be constructed on new alignment as a 4 lane divided roadway. From Harvester Lane to US 51, North Second Street / Whitney Avenue will be widened from 2 to 4 lanes. Bicycle lanes will be provided along the improved North Second Street corridor.	Road Widening	Memphis	TN	2025	2021-2030	\$19,214,740.97	STP-Urban: 60%	\$11,528,845	60%	\$0	0%	\$7,685,896	40%
291		Midtown Area	Downtown to Airport	N/A	Streetcar Service - Study	Study	Memphis	TN	2025	2021-2030	\$25,000,000.00	FTA: 80%	\$20,000,000	80%	\$2,500,000	10%	\$2,500,000	10%
3		Dexter Rd	Whitten Rd to Appling Rd	0.25	Widen from 2 to 4 lanes	Road Widening	Shelby Co	TN	2025	2021-2030	\$2,354,373.03	STP-Urban: 60%	\$1,412,624	60%	\$0	0%	\$941,749	40%
5		Hacks Cross Rd	Stateline Rd to SR-175 (Shelby Dr)	1.78	Widen from 2 to 7 lanes	Road Widening	Shelby Co	TN	2025	2021-2030	\$37,210,540.82	STP-Urban: 50%	\$18,605,270	50%	\$0	0%	\$18,605,270	50%
46	STP-M-2014-03	Houston Levee Road Widening	Walnut Grove Road (SR-23) to Wolf River Bridge	1.67	This project improves Houston Levee Road by widening the segment from Walnut Grove Road to the Wolf River Bridge from two to four lanes. The roadway segment will include a median and landscaping.	Road Widening	Shelby Co	TN	2025	2021-2030	\$24,362,239.60	STP-Urban: 60%	\$14,617,344	60%	\$0	0%	\$9,744,896	40%
54	STP-M-2014-06	Macon Rd Widening	Berryhill Rd to Houston Levee Rd	1.73	This project provides improvements for widening of Macon Road from two to four through lanes and includes the addition of a continuous left turn lane from Berryhill Road to Houston Levee Road with a bridge over Gray's Creek.	Road Widening	Shelby Co	TN	2025	2021-2030	\$28,731,606.22	STP-Urban: 60%	\$17,238,964	60%	\$0	0%	\$11,492,642	40%
62		Southern Gateway	West Memphis to Shelby Co/DeSoto Co	N/A	Construct new multimodal bridge over Miss. River -Environmental Impact Statement	Study	Shelby Co	TN	2025	2021-2030	\$25,000,000.00	Discretionary Funds: 80%	\$20,000,000	80%	\$5,000,000	20%	\$0	0%
152		I-69	From 0.5 Mile North of Woodstock-Cuba Road to 0.2 Mile East of US-51	5	New 4 lane Interstate	New Roadway	Shelby Co	TN	2025	2021-2030	\$150,957,707.67	Discretionary Funds: 8%	\$12,485,325	8%	\$138,472,382	92%	\$0	0%
181	STP-M-2014-04	Walnut Grove Road (SR-23) Widening	Rocky Point Rd to Houston Levee Rd	1	This project widens Walnut Grove Road from two to six lanes from Rocky Point Road to Houston Levee Road with a bridge over Gray's Creek.	Road Widening	Shelby Co	TN	2025	2021-2030	\$18,908,441.92	STP-Urban: 60%	\$11,345,065	60%	\$0	0%	\$7,563,377	40%
314	5309-2017-01	Memphis Innovation Corridor	From CBD along Union Avenue and	8	Development of a mulitmodal corridor linking the CBD to the University of		Memphis	TN	2025	2021-2030	\$45,480,000.00	FTA	\$2,220,000	74%	\$300,000	10%	\$480,000	16%
												FTA	\$32,000,000	80%	\$4,000,000	10%	\$4,000,000	10%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
			Poplar Avenue to intersection of Poplar Avenue and Goodlet		Memphis providing enhanced safety, smart city technology, and green infrastructure. A main component is the implementation of BRT service, which will include new buses, traffic signal priority, enhanced station locations, and super stops.	Transit Service/Roadway Reconfiguration						STP-Urban	\$1,984,000	80%	\$0	0%	\$496,000	20%
<b>2021-2030 TN Projects Subtotal:</b>											<b>\$3,762,410,615.68</b>		<b>\$1,751,848,429</b>		<b>\$1,332,615,357</b>		<b>\$816,760,529</b>	
<b>2031-2040 TN Projects</b>																		
1002	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$1,323,540,024.45	NHPP: 58%	\$761,504,047	58%	\$272,572,979	21%	\$289,462,998	22%
1005	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$261,440,004.83	NHPP: 58%	\$150,420,553	58%	\$63,077,107	24%	\$47,942,345	18%
1008		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$403,598,007.46	None	\$0	0%	\$201,799,004	50%	\$201,799,004	50%
1011	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2031	2031-2040	\$172,187,323.24	HSIP: 16%	\$27,832,563	86%	\$1,977,291	6%	\$2,374,693	7%
												CMAQ: 58%	\$100,197,226	86%	\$7,118,247	6%	\$8,548,893	7%
												TAP: 12%	\$20,874,422	86%	\$1,482,968	6%	\$1,781,019	7%
												Total Federal: 86%	\$148,904,211	86%	\$10,578,507	6%	\$12,704,605	7%
1015	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2031	2031-2040	\$515,496,683.24	FTA: 73%	\$378,510,876	73%	\$49,919,125	10%	\$87,066,682	17%
160		SR-205 (Airline Rd)	US-64/SR-15 to Donelson Farm Pkwy	3.1	Widen from 2 to 5 lanes	Road Widening	Arlington	TN	2035	2031-2040	\$61,819,933.96	NHPP: 56%	\$34,310,063	56%	\$27,509,871	45%	\$0	0%
176		US-70/US-79/SR-1	Collierville Arlington Rd/Chester Rd to Milton Wilson Rd	0.95	Widen from 2 to 5 lanes	Road Widening	Arlington	TN	2035	2031-2040	\$24,727,973.59	STP-State: 80%	\$19,782,379	80%	\$4,945,595	20%	\$0	0%
213		Germantown Rd Extension	US-70/US-79/SR-1 to Old Brownsville Rd	1.68	Widen from 2 to 4 lanes (divided)	Road Widening	Bartlett	TN	2035	2031-2040	\$41,084,083.30	STP-Urban: 35%	\$14,379,429	35%	\$0	0%	\$26,704,654	65%
306		Shelby Dr.	Sycamore Rd. to US-72	1.3	Widen from 2 lanes to 4 lanes divided	Road Widening	Collierville	TN	2035	2031-2040	\$30,909,966.97	STP-Urban: 61%	\$18,855,080	61%	\$0	0%	\$12,054,887	39%
159		SR-196 (Hickory Withe Rd)	I-40 to Main Street	0.62	add shoulder	Road Widening	Fayette Co	TN	2035	2031-2040	\$3,090,996.69	STP-Urban: 35%	\$1,081,849	35%	\$0	0%	\$2,009,148	65%
201		Canada Rd	North of Kingsridge Dr to I-40	0.59	Widen from 4 to 6 lanes (divided)	Road Widening	Lakeland	TN	2035	2031-2040	\$10,850,708.23	STP-Urban: 35%	\$3,797,748	35%	\$0	0%	\$7,052,960	65%
202		Chambers Chapel Rd	I-40 to US-70/US-79/SR-1	2.14	Widen from 2 to 4 lanes (divided)	Road Widening	Lakeland	TN	2040	2031-2040	\$56,736,016.87	STP-Urban: 35%	\$19,857,606	35%	\$0	0%	\$36,878,411	65%

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Livability	2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
	203		Chambers Chapel Rd	US-64/SR-15 to I-40	2.65	Widen from 2 to 4 lanes (divided)	Road Widening	Lakeland	TN	2040	2031-2040	\$70,254,852.73	STP-Urban: 35%	\$24,589,198	35%	\$0	0%	\$45,665,654	65%
	226		New E-W Rd	Canada Rd to Chambers Chapel Rd	2.15	New 4 lane road (divided)	New Roadway	Lakeland	TN	2035	2031-2040	\$59,106,487.86	STP-Urban: 50%	\$29,553,244	50%	\$0	0%	\$29,553,244	50%
	265		Beverle Rivera Dr	Canada Rd to Seed Tick Rd	0.7	Widen 2-4 lanes	Road Widening	Lakeland	TN	2035	2031-2040	\$17,118,537.10	STP-Urban: 50%	\$8,559,269	50%	\$0	0%	\$8,559,269	50%
	270		Beverle Rivera Dr	Seed Tick Rd to Chambers Chapel Rd	1.36	New 2 lane road	New Roadway	Lakeland	TN	2035	2031-2040	\$34,048,053.03	STP-Urban: 50%	\$17,024,027	50%	\$0	0%	\$17,024,027	50%
	31		Holmes Rd	US-61/SR-14 (South Third St) to SR-175 (Weaver Rd)	0.49	Widen from 2 to 5 lanes with intersection improvements at US 61	Road Widening	Memphis	TN	2040	2031-2040	\$16,138,352.40	STP-Urban: 30%	\$4,841,506	30%	\$0	0%	\$11,296,847	70%
	47		I-240	SB I-240 to I-55 S	1	Widen from 3 to 4 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$32,296,072.76	STP-State: 80%	\$25,836,858	80%	\$6,459,215	20%	\$0	0%
	51		I-40	US-64/SR-15	0.5	Reconstruct interchange	Interchange Modification/ Reconstruction	Memphis	TN	2040	2031-2040	\$9,223,990.80	STP-State: 80%	\$7,379,193	80%	\$1,844,798	20%	\$0	0%
	70		US-72/SR-57 (Poplar Ave)	I-240 off ramp to Yates	0.31	Add WB lane	Road Widening	Memphis	TN	2040	2031-2040	\$5,626,392.29	STP-State: 80%	\$4,501,114	80%	\$1,125,278	20%	\$0	0%
	77		US-70/US-79/SR-1 (Summer Ave)	Summer Avenue, From 0.1 Mile North of Sycamore View Road to 0.1 Mile North of Elmore Road	1.77	Widen from 4 to 7 lanes	Road Widening	Memphis	TN	2035	2031-2040	\$72,778,780.48	None	\$0	0%	\$72,778,780	100%	\$0	0%
	84		Forest Hill-Irene Rd	Grove Rd to US-64/SR-15	2.82	Widen Berryhill Rd from 3 lanes to 5 lanes and include bicycle lanes.	Road Widening	Memphis	TN	2040	2031-2040	\$55,828,143.76	STP-Urban: 25%	\$13,957,036	25%	\$0	0%	\$41,871,108	75%
	101		SR-385	I-240 to Ridgeway Rd	2.51	auxiliary lane WB	Road Widening	Memphis	TN	2040	2031-2040	\$62,970,078.89	STP-Urban: 30%	\$18,891,024	30%	\$0	0%	\$44,079,055	70%
	137		US-78/SR-4 (Lamar Ave)	South of Shelby Drive to Raines/Perkins Road Interchange	1.9	Widen from 4 to 6 lanes (divided)	Road Widening	Memphis	TN	2040	2031-2040	\$116,304,597.85	None	\$0	0%	\$116,304,598	100%	\$0	0%
	167		Summer Avenue	Perkins to Stratford	0.1	access management	Access Management	Memphis	TN	2035	2031-2040	\$811,437.55	STP-Urban: 35%	\$284,003	35%	\$0	0%	\$527,434	65%
	169		Pleasant Hill Rd	Holmes Rd to SR-175 (Shelby Dr)	1.06	Widen from 5 to 7 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$29,468,350.65	STP-Urban: 30%	\$8,840,505	30%	\$0	0%	\$20,627,845	70%
	205		Covington Pike	Macon Rd to I-40	0.56	Widen from 4 to 6 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$10,792,795.53	STP-Urban: 35%	\$3,777,478	35%	\$0	0%	\$7,015,317	65%
	208		Florida St	McLemore Ave to US-61/SR-1 (Crump Blvd)	0.58	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$21,372,543.50	STP-Urban: 35%	\$7,480,390	35%	\$0	0%	\$13,892,153	65%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
231		Pleasant Hill Rd	Stateline Rd to Holmes Rd	1	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$30,131,703.27	STP-Urban: 35%	\$10,546,096	35%	\$0	0%	\$19,585,607	65%
153	I-69		From South of Fite Road to 0.5 Miles North of Woodstock-Cuba Road	2.5	New 4 lane Interstate	New Roadway	Millington	TN	2040	2031-2040	\$121,638,049.75	None	\$0	0%	\$121,638,050	100%	\$0	0%
171	SR-205 (Navy Rd)		Armor to SR-14	1.66	New 4 lane road	New Roadway	Millington	TN	2035	2031-2040	\$43,273,953.76	STP-State: 80%	\$34,619,163	80%	\$8,654,791	20%	\$0	0%
63	SR-14 (Austin Peay)		East of Old Covington Pike to SR-385;	3.99	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2035	2031-2040	\$64,825,839.18	None	\$0	0%	\$64,825,839	100%	\$0	0%
90	Appling Rd		Cordova Club to Dusty Lane	0.2	New 4 lane road	New Roadway	Shelby Co	TN	2035	2031-2040	\$9,739,279.16	STP-Urban: 80%	\$7,791,423	80%	\$0	0%	\$1,947,856	20%
95	SR-14 (Austin Peay)		East of Kerville-Rosemark Road to Tipton County Line	4.2	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2035	2031-2040	\$121,470,172.17	None	\$0	0%	\$121,470,172	100%	\$0	0%
123	Dexter Rd		Forest Hill-Irene Rd Ext. to Houston Levee Rd	0.86	New 2 lane road	New Roadway	Shelby Co	TN	2040	2031-2040	\$20,057,943.24	STP-Urban: 35%	\$7,020,280	35%	\$0	0%	\$13,037,663	65%
<b>2031-2040 TN Projects Subtotal:</b>											<b>\$3,930,758,131</b>		<b>\$1,786,895,648</b>		<b>\$1,145,503,708</b>		<b>\$998,358,774</b>	
<b>2018-2040 TN Projects Subtotal:</b>											<b>\$8,640,814,021</b>		<b>\$3,960,781,042</b>		<b>\$2,887,403,131</b>		<b>\$2,012,790,975</b>	
<b>2018-2020 MS Projects</b>																		
1000	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$35,971,459.02	None	\$0	0%	\$35,971,459	100%	\$0	0%
1003	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$7,059,819.06	None	\$0	0%	\$7,059,819	100%	\$0	0%
1006		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$18,826,184.16	None	\$0	0%	\$0	0%	\$18,826,184	100%
1009	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2019	2018-2020	\$1,266,520.11	HSIP: 16%	\$200,091	40%	\$251,171	50%	\$54,462	11%
												CMAQ: 19%	\$239,270	40%	\$300,351	50%	\$65,126	11%
												TAP: 5%	\$61,741	40%	\$77,503	50%	\$16,805	11%
												Total Federal: 40%	\$501,102	40%	\$629,024	50%	\$136,394	11%
80	MS-NHS-2006-01	I-55/I-69	Church Rd to MS-302 (Goodman Rd)	1.75	Widen from 4 to 8 lanes and construct frontage roads.	Road Widening	DeSoto Co	MS	2020	2018-2020	\$16,053,151.15	None	\$0	0%	\$16,053,151	100%	\$0	0%
292		Goodman Road (MS 302)	US-61 to MS-305 in downtown Olive Branch	17.8	Part of new transit service to DeSoto County	Transit Service	DeSoto Co	MS	2020	2018-2020	\$3,944,064.05	STP-Urban: 10%	\$394,406	10%	\$2,800,285	71%	\$749,372	19%

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Livability												Federal Funding		Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding	
328	MS-LSTP-2015-01	Getwell Road (MS 747)	Star Landing Road to Pleasant Hill Road	1.4	Widen existing two lane road to a four-lane divided typical section with curb and gutter and sidewalks.	Road Widening	DeSoto Co	MS	2020	2018-2020	\$5,267,415.75	None	\$0	0%	\$5,267,416	100%	\$0	0%	
333	MS-NHPP-2016-02	SR 304 and McIngvale Rd Interchange	SR-304 at McIngvale Road	N/A	Interchange Construction	Interchange Construction	DeSoto Co	MS	2020	2018-2020	\$19,967,838.67	STP-State: 12%	\$2,456,044	12%	\$17,511,795	88%	\$0	0%	
345		SRTP Route 39 South Third	TN/MS state line to Goodman Road (MS 302)	2.5	Extend SRTP Route 39 into Desoto County to connect with the new Goodman Rd. route.	Transit Service	DeSoto Co	MS	2020	2018-2020	\$821,680.01	STP-Urban: 10%	\$82,168	10%	\$0	0%	\$739,512	90%	
348	MS-SSTP-2006-04	SR-304/I-269	East of I-55 to SR-305	10	New 4-lane freeway	New Roadway	DeSoto Co	MS	2020	2018-2020	\$67,000,000*								
349	MS-SSTP-2008-02	SR-304/I-269	SR-305 to the Marshall County Line	7	New 4-lane freeway	New Roadway	DeSoto Co	MS	2020	2018-2020	\$49,200,000*								
332	MS-NHPP-2016-01	I-55	I-55 at Commerce Street	N/A	Interchange Reconstruction	Interchange Modification/Reconstruction	Hernando	MS	2020	2018-2020	\$24,418,873.91	NHPP: 10%	\$2,473,632	10%	\$21,945,242	90%	\$0	0%	
350	MS-SSTP-2016-01	SR-304/I-269	Marshall County Line to East of Mason Road	0.5	New 4-lane freeway	New Roadway	Marshall County	MS	2020	2018-2020	\$12,600,000*								
351	MS-SSTP-2016-02	SR-304/I-269	East of Mason Road to SR-302	7.5	New 4-lane freeway	New Roadway	Marshall County	MS	2020	2018-2020	\$35,100,000*								
23		Church Rd	Pepper Chase Rd to Airways Blvd	0.74	Widen from 5 to 7 lanes	Road Widening	Southaven	MS	2020	2018-2020	\$8,041,478.95	STP-Urban: 5%	\$402,074	5%	\$7,639,405	95%	\$0	0%	
28	MS-LSTP-2014-01	Getwell Road (MS 747)	Star Landing Road to Church Road	4	Widen existing variable width road to a four-lane divided typical section with curbs and storm drains. A 10' wide multi-use Bike-Ped lane will be provided.	Road Widening	Southaven	MS	2020	2018-2020	\$7,514,514.01	None	\$0	0%	\$7,514,514	100%	\$0	0%	
29		Nail Rd Extension	Elmore Road to Swinnea Road	0.51	Widen two lane to five lanes;	Road Widening	Southaven	MS	2020	2018-2020	\$3,079,986.92	None	\$0	0%	\$0	0%	\$3,079,987	100%	
35		Swinnea	Stateline to Goodman Road (MS 302)	2.02	widen 2 to 3 lanes	Road Widening	Southaven	MS	2020	2018-2020	\$8,687,407.37	STP-Urban: 4%	\$347,496	4%	\$8,339,911	96%	\$0	0%	
338		I-55	Relocate frontage roads	N/A	Roadway Reconfiguration	Roadway Reconfiguration	Southaven	MS	2020	2018-2020	\$1,609,944.00	NHPP: 40%	\$643,978	40%	\$965,966	60%	\$0	0%	
346		SRTP Route 32 Whitehaven	TN/MS state line to Goodman Road (MS 302)	2.3	Extend SRTP Route 32 into Desoto County to connect with the new Goodman Rd. route	Transit Service	Southaven	MS	2020	2018-2020	\$570,461.94	STP-Urban: 10%	\$57,046	10%	\$0	0%	\$513,416	90%	
<b>2018-2020 MS Projects Subtotal:</b>											<b>\$163,100,799.08</b>		<b>\$7,357,946</b>		<b>\$131,697,987</b>		<b>\$24,044,865</b>		
<b>2021-2030 MS Projects</b>																			
1001	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$139,277,031.17	None	\$0	0%	\$139,277,031	100%	\$0	0%	

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
1004	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$27,334,744.44	None	\$0	0%	\$27,334,744	100%	\$0	0%
1007		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$72,892,651.83	None	\$0	0%	\$36,446,326	50%	\$36,446,326	50%
1010	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2021	2021-2030	\$5,622,560.26	HSIP: 20%	\$1,119,416	50%	\$928,014	41%	\$197,669	9%
												CMAQ: 24%	\$1,338,602	50%	\$1,109,723	41%	\$236,374	9%
												TAP: 6%	\$345,414	50%	\$286,354	41%	\$60,994	9%
												Total Federal: 50%	\$2,803,432	50%	\$2,324,091	41%	\$495,037	9%
37	MS-LSTBG-2017-01	McIngvale Road	Green T Rd to Byhalia Rd	1.1	2 to 5 Lanes	Road Widening	Hernando	MS	2021	2021-2030	\$8,874,617.00	STP-Urban	\$8,490	80%	\$0	0%	\$2,123	20%
												Discretionary Funds	\$696,968	38%	\$1,000,000	54%	\$139,377	8%
												None	\$0	0%	\$0	0%	\$7,027,659	100%
112	MS-LSTP-2015-02	Commerce Street Extension (SR 304)	Della Street to Jaybird Road	0.5	New 3-lane road, with roadbed for future expansion to a 5-lane	New Roadway	DeSoto Co	MS	2025	2021-2030	\$4,500,000.00	Discretionary Funds	\$1,000,000	80%	\$0	0%	\$250,000	20%
												None	\$0	0%	\$0	0%	\$3,250,000	100%
81	MS-NHS-2006-02	I-55/I-69	Commerce St to Church Rd	7.7	Widen to 6 lanes from Commerce Street to Relocated MS 304 and widen to 8 lanes from Relocated 304 to Church Road	Road Widening	DeSoto Co	MS	2025	2021-2030	\$79,154,886.24	STP-State: 9%	\$7,225,645	9%	\$71,929,241	91%	\$0	0%
82	MS-NHS-2008-02	Star Landing Corridor	Star Landing Road from approx. Tulane Road to Getwell Road	6	Widen from 2 to 4 lanes (divided)	Road Widening	DeSoto Co	MS	2025	2021-2030	\$47,251,276.31	STP-Urban: 5%	\$2,362,564	5%	\$42,526,149	90%	\$2,362,564	5%
194		Craft Rd	I-269 to Church Rd	4.35	Widen from 2 to 5 lanes	Road Widening	DeSoto Co	MS	2025	2021-2030	\$65,137,312.26	None	\$0	0%	\$61,880,447	95%	\$3,256,866	5%
344		Airways Road	From Existing Sidewinder Road (north of Pleasant Hill) to Old Airways Blvd (south of Star Landing)	1.2	(New 2 lane Road)	New Roadway	DeSoto Co	MS	2030	2021-2030	\$9,008,909.01	STP-Urban: 50%	\$4,504,455	50%	\$0	0%	\$4,504,455	50%
26	MS-747 (Getwell Road)	Byhalia Road (SR-309) to Pleasant Hill Road		1.14	Widen from 2 to 4 lanes	Road Widening	Hernando	MS	2030	2021-2030	\$17,127,588.10	STP-State: 25%	\$4,281,897	25%	\$12,845,691	75%	\$0	0%
113		Hacks Cross Road	College Road to US-78	0.66	Widen from 2 to 5 lanes (undivided)	Road Widening	Olive Branch	MS	2025	2021-2030	\$8,601,872.82	STP-Urban: 6%	\$473,103	6%	\$0	0%	\$8,128,770	95%
195		Pleasant Hill Road	Church Road to Nail Road	1	Widen from 2 to 4 lanes (divided)	Road Widening	Olive Branch	MS	2025	2021-2030	\$27,903,021.27	None	\$0	0%	\$0	0%	\$27,903,021	100%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Federal Funds	Percent Federal	State Funds	Percent State	Local Funds	Percent Local
2040 ID	TIP No.											Category		Funding		Funding		
147	MS-LSTP-2014-06	I-55/I-69	Interchange at Nail Road	N/A	Construct new overpass	New Bridge	Southaven	MS	2025	2021-2030	\$59,330,332.18	NHPP: 20%	\$11,866,066	20%	\$47,464,266	80%	\$0	0%
<b>2021-2030 MS Projects Subtotal:</b>											<b>\$572,016,802.88</b>		<b>\$35,222,620</b>		<b>\$443,027,986</b>		<b>\$93,766,198</b>	
<b>2031-2040 MS Projects</b>																		
1002	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$174,838,003.23	NHPP: 34%	\$58,592,317	73%	\$17,139,639	21%	\$5,027,160	6%
												STP-State: 39%	\$68,256,072	73%	\$19,966,516	21%	\$5,856,300	6%
												Total Federal: 73%	\$126,848,389	73%	\$37,106,154	21%	\$10,883,460	6%
1005	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$34,314,000.63	None	\$0	0%	\$32,613,866	95%	\$1,700,134	5%
1008		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$91,504,001.69	None	\$0	0%	\$45,752,001	50%	\$45,752,001	50%
1011	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2031	2031-2040	\$17,840,386.03	HSIP: 31%	\$5,553,695	78%	\$1,376,564	19%	\$193,442	3%
												CMAQ: 37%	\$6,641,131	78%	\$1,646,100	19%	\$231,319	3%
												TAP: 10%	\$1,713,684	78%	\$424,761	19%	\$59,690	3%
												Total Federal: 78%	\$13,908,510	78%	\$3,447,425	19%	\$484,451	3%
1012		Livability Corridors		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Livability Corridors	Regionwide	MS	2031	2031-2040	\$14,388,321.70	None	\$0	0%	\$7,194,161	50%	\$7,194,161	50%
162		US-51	I-69 to Star Landing Road	2.86	Widen from 2 to 4 lanes (divided)	Road Widening	Hernando	MS	2035	2031-2040	\$51,380,828.17	NHPP: 9%	\$4,624,275	9%	\$46,756,554	91%	\$0	0%
154		US-51	Church Rd to Stateline Road	4.16	Widen from 5 to 7 lanes	Road Widening	Horn Lake	MS	2035	2031-2040	\$57,454,993.43	NHPP: 80%	\$45,963,995	80%	\$11,490,999	20%	\$0	0%
129		Nail Road	Swinnea to Getwell Road (MS 747)	2.52	New 4 lane road (divided)	New Roadway	Southaven	MS	2040	2031-2040	\$61,981,422.03	STP-Urban: 27%	\$16,933,337	30%	\$0	0%	\$38,832,469	70%
												Discretionary Funds: 3%	\$1,887,378	30%	\$0	0%	\$4,328,239	70%
												Total Federal: 30%	\$18,820,714	30%	\$0	0%	\$43,160,708	70%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	Comple-tion Date	Tier	Total Costs (YOE)	Federal Funding Category	Percent Federal Funding		Percent State Funding		Percent Local Funding	
2040 ID	TIP No.											Federal Funds	State Funds	Local Funds	Funding		
<b>2031-2040 MS Projects Subtotal:</b>										<b>\$503,701,956.90</b>		<b>\$210,165,883</b>		<b>\$184,361,160</b>		<b>\$117,542,738</b>	
<b>2018-2040 MS Projects Subtotal:</b>										<b>\$1,238,819,558.87</b>		<b>\$252,746,449</b>		<b>\$759,087,133</b>		<b>\$224,684,641</b>	
<b><i>TN and MS Projects Total</i></b>																	
<b>2018-2020 TN and MS Projects Total:</b>										<b>\$1,110,746,073.81</b>		<b>\$429,394,911</b>		<b>\$540,982,052</b>		<b>\$221,716,536</b>	
<b>2021-2030 TN and MS Projects Total:</b>										<b>\$4,334,427,418.56</b>		<b>\$1,787,071,049</b>		<b>\$1,775,643,343</b>		<b>\$910,526,727</b>	
<b>2031-2040 TN and MS Projects Total:</b>										<b>\$4,434,460,087.43</b>		<b>\$1,997,061,531</b>		<b>\$1,329,864,868</b>		<b>\$1,107,533,689</b>	
<b>2018-2040 TN and MS Projects Total:</b>										<b>\$9,879,633,579.80</b>		<b>\$4,213,527,491</b>		<b>\$3,646,490,264</b>		<b>\$2,239,776,953</b>	

\*Funds for this project are programmed in the FY 2014-17 TIP.

Table 8.2 Fiscally Constrained Project List

Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
<b>2018-2020 TN Projects</b>																		
1000	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$272,307,306.59	NHPP: 61%	\$166,064,705	61%	\$79,011,871	29%	\$27,230,731	10%
1003	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$53,789,097.60	NHPP: 61%	\$32,802,905	61%	\$15,607,283	29%	\$5,378,910	10%
1006		non-NHS Pavement and bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2019	2018-2020	\$83,036,919.42	None	\$0	0%	\$8,303,692	10%	\$74,733,227	90%
1009	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2019	2018-2020	\$38,246,212.20	HSIP: 16%	\$6,182,163	86%	\$439,195	6%	\$527,466	7%
												CMAQ: 58%	\$22,255,787	86%	\$1,581,104	6%	\$1,898,878	7%
												TAP: 12%	\$4,636,622	86%	\$329,397	6%	\$395,600	7%
												Total Federal: 86%	\$33,074,572	86%	\$2,349,696	6%	\$2,821,944	7%
1013	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2019	2018-2020	\$108,331,968.51	FTA: 72%	\$77,532,226	72%	\$10,247,709	9%	\$20,552,033	19%
40	STP-M-2006-03	Old Brownsville Rd	SR-14 (Austin Peay) to Kirby Whitten	2.3	Widen to four lane divided roadway with a raised median and median openings and turn lanes for access to existing driveways. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Bartlett	TN	2020	2018-2020	\$27,708,788.43	STP-Urban: 6%	\$1,648,673	6%	\$0	0%	\$26,060,116	94%
66	STP-M-2014-02	Germantown Road Realignment	Poplar Pike/McVay to 1000 feet south of Poplar Pike	0.5	Realignment and construction of a 5 lane road to make Germantown Road continuous through the City of Germantown. The project includes the realignment of West Street and Old Germantown Roads to form an intersection with the Realigned Germantown Road north of the NSRR tracks. As part of the project, the railroad at-grade crossing will be improved to current NSRR standards and Old Germantown Road will be improved from Poplar Pike to the intersection of Old Germantown Road with Germantown Road Realigned.	Road Widening	Germantown	TN	2020	2018-2020	\$4,327,395.38	STP-Urban: 75%	\$3,245,547	75%	\$0	0%	\$1,081,849	25%
67	STP-M-2014-07	Germantown Road at Wolf River Boulevard Intersection Improvements	Germantown Road at Wolf River Boulevard Intersection	0.34	Reconstruct intersection of Wolf River Blvd and Germantown Road, with widening and reconstruction of traffic signals on Germantown Road from Brierbrook Rd to Wolf Trail Cove.	Roadway Reconfiguration	Germantown	TN	2020	2018-2020	\$1,904,053.97	STP-Urban: 75%	\$1,428,040	75%	\$0	0%	\$476,013	25%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
8	TN-IM-2011-01	I-55	Interchange at Crump Blvd	N/A	Interchange Modification	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$72,644,910*							
42		US-70/US-79/SR-1 (Summer Ave)	Summer Avenue, From I-40 to 0.1 Mile North of Sycamore View Road	1.66	Widen from four or five lanes to seven lanes	Road Widening	Memphis	TN	2020	2018-2020	\$33,519,370.22	None	\$0	0%	\$33,519,370	100%	\$0	0%
43	TN-NHPP-2014-02	SR-4 (US-78/Lamar Ave)	Mississippi state line to South of Shelby Drive	1.1	Reconstruct and widen from four lanes to six lanes (divided)	Road Widening	Memphis	TN	2020	2018-2020	\$43,101,215.33	NHPP: 26%	\$11,249,417	42%	\$15,490,343	58%	\$0	0%
												STP-State: 16%	\$6,883,264	42%	\$9,478,191	58%	\$0	0%
												Total Federal: 42%	\$18,132,681	42%	\$24,968,534	58%	\$0	0%
59	STP-M-2006-04	Plough Blvd	Plough Blvd. Interchange with Winchester Rd.	1.5	Improve 3,000 feet along Plough-Airways Blvd. south from Brooks Road and improve 3,000 feet along Winchester east of original at-grade section. The improvements will provide a grade-separated interchange to replace the existing at-grade condition at the Plough-Airways/Winchester Rd. intersection. The final design will maintain the present direct connectors between Plough Blvd. and the airport. the preliminary planning will include coordination with MATA to address future light rail service to the airport	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$29,690,132.33	STP-Urban: 4%	\$1,187,605	4%	\$0	0%	\$28,502,527	96%
143		US-78/SR-4 (Lamar Ave)	Interchange at SR-175 (Shelby Dr)	N/A	Construct new interchange	New Interchange	Memphis	TN	2020	2018-2020	\$145,730,350.11	None	\$0	0%	\$145,730,350	100%	\$0	0%
309		East Memphis North-South Express Bus	IRS Park and Ride Lot; American Way Transit Center; Stage Rd (SR-15)/Summer Ave (US64/US79)	18	New express bus service with 30 min headways during AM and PM peak; 60 minute headways during off-peak times	Transit Service	Memphis	TN	2020	2018-2020	\$3,886,063.11	FTA: 80%	\$3,108,850	80%	\$388,606	10%	\$388,606	10%
314	5309-2017-01	Midtown Area Connection Alternative 11-Union Avenue and Poplar Avenue Corridor	Downtown - Midtown - University of Memphis	N/A	Implementation of a high capacity transit route along Union and Poplar Avenue, which will include new buses, traffic signal priority, enhance station locations, and super stops. This route is being advanced as the Locally Preferred Alternative (Alternative 11) resulting from the Midtown Alternative Analysis study.	Transit Service	Memphis	TN	2020	2018-2020	\$43,000,000.00	FTA: 74%	\$2,220,000	74%	\$300,000	10%	\$480,000	16%
												FTA: 80%	\$32,000,000	80%	\$4,000,000	10%	\$4,000,000	10%

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Livability												Federal	Percent		Percent		Percent	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
329	STP-M-2004-01	Winchester/Perkins Interchange	Winchester at Perkins	0.3	Reconstruct interchange to allow for the removal of the center pier in Winchester and construct more travel lanes on Winchester. Project scope will include ADA accessible pedestrian improvements.	Interchange Modification/ Reconstruction	Memphis	TN	2020	2018-2020	\$1,564,044.33	STP-State: 80%	\$1,251,235	80%	\$312,809	20%	\$0	0%
330	STP-M-2006-10	Kirby/Whitten Parkway (Shelby Farms Parkway)	Walnut Grove (SR-23) to Macon Road (SR-193)	2.5	Widen Walnut Grove Road from four lanes to six lanes from just east of the Wolf River to the proposed Walnut Grove/Kirby-Whitten interchange with a heavily landscaped median. Construct a four-lane heavily landscaped roadway with a variable width median from the proposed interchange to Mullins Station Road. Construct and/or widen Kirby-Whitten from two lanes to four lanes with a two-way left-turn lane from Mullins Station Road to Macon Road. The proposed interchange at Walnut Grove Road and Kirby-Whitten and the associated ramps are included in the project. Adjacent pedestrian and bicycle paths will be designed in conjunction with this project. Two grade separated trail crossings will be provided along Kirby-Whitten and one grade separated trail crossing will be provided along Walnut Grove.	New Roadway	Memphis	TN	2020	2018-2020	\$25,000,000.00	STP-Urban: 70%	\$17,500,000	70%	\$0	0%	\$7,500,000	30%

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Livability												Federal Funding		Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding	
331	STP-M-2000-11	Walnut Grove Road Middle	Kirby/Whitten Pkwy to Germantown Pkwy	3	Walnut Grove Road will remain four lanes. Access management measures will be provided to limit left turn movements across Walnut Grove traffic. These include construction of a "green bridge" type grade separated intersection approximately one mile west of Germantown Parkway. The new "green bridge" will connect to the internal road network of Shelby Farms Park and the Agricenter allowing wildlife, pedestrians, bicyclist, and vehicles to cross Walnut Grove. The "green bridge" design will include landscaping, vehicular travel lanes, bicycle and pedestrian facilities, and connections to Walnut Grove. All intersecting streets and drives between the Kirby Whitten Project (Shelby Farms Parkway) and the "green bridge" will be converted to right in, right out operation. The project will include installation of a shared use trail on the north side of Walnut Grove from Patriot Lake to Germantown Parkway and pavement reconstruction of Walnut Grove.	Road Widening	Memphis	TN	2020	2018-2020	\$16,078,128.42	STP-State: 80%	\$12,862,503	80%	\$3,215,626	20%	\$0	0%	
336		Short Range Transit Plan(SRTP) Route 39 South Third	Holmes Rd. to TN/MS state line	1.5	Extend SRTP Route 39 into Desoto County to connect with the new Goodman Rd. route.	Transit Service	Memphis	TN	2020	2018-2020	\$493,008.01	FTA: 80%	\$394,406	80%	\$49,301	10%	\$49,301	10%	
337		SRTP Route 32 Whitehaven	FedEx Blvd. to TN/MS state line	3	Extend SRTP Route 32 into Desoto County to connect with the new Goodman Rd. route	Transit Service	Memphis	TN	2020	2018-2020	\$744,703.45	FTA: 80%	\$595,763	80%	\$74,470	10%	\$74,470	10%	
347	ENH-2010-01	US 51/SR-3 (Elvis Presley)	Shelby Drive (SR-175) to Brooks Road	2.85	Construct a six lane heavily landscaped roadway adjacent to Graceland, which includes median, wide outside lanes for bikes and a bus stop turn-out lane. From Craft to Winchester widen from four to six lanes with a median. The other two segments will have the same existing laneage but the entire project will have improved ped/bike/bus stop and landscaping.	Road Widening	Memphis	TN	2020	2018-2020	\$32,976,485*								
151		I-69	From South of SR-388(North Watkins Street) to South of Fite Road	2.3	New four-lane Interstate	New Roadway	Shelby Co	TN	2020	2018-2020	\$58,186,517.33	None	\$0	0%	\$58,186,517	100%	\$0	0%	
<b>2018-2020 TN Projects Subtotal:</b>											<b>\$990,645,275</b>		<b>\$456,256,965</b>		<b>\$413,584,065</b>		<b>\$202,151,671</b>		

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Livability												Federal Funding		Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding	
<b>2021-2030 TN Projects</b>																			
1001	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$1,054,340,142.50	NHPP: 58%	\$612,008,605	58%	\$286,838,808	27%	\$155,492,729	15%	
1004	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$208,264,719.51	NHPP: 58%	\$120,891,005	58%	\$56,758,801	27%	\$30,614,914	15%	
1007		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2021	2021-2030	\$321,508,660.74	None	\$0	0%	\$32,150,866	10%	\$289,357,795	90%	
1010	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2021	2021-2030	\$138,813,702.47	HSIP: 16%	\$22,438,011	86%	\$1,594,049	6%	\$1,914,426	7%	
												CMAQ: 58%	\$80,776,841	86%	\$5,738,577	6%	\$6,891,933	7%	
												TAP: 12%	\$16,828,508	86%	\$1,195,537	6%	\$1,435,819	7%	
												Total Federal: 86%	\$120,043,360	86%	\$8,528,164	6%	\$10,242,178	7%	
1012		Livability Corridors		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Livability Corridors	Regionwide	TN	2021	2021-2030	\$22,063,295.96	None	\$0	0%	\$11,031,648	50%	\$11,031,648	50%	
1014	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2021	2021-2030	\$390,156,900.25	FTA: 73%	\$284,904,255	73%	\$37,713,341	10%	\$67,539,304	17%	
64		SR-14 (Austin Peay)	SR-385 (Paul Barrett Pkwy) to East of Kerrville-Rosemark Road	4.7	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2021	2021-2030	\$50,000,000	STBG-State: 80%	\$40,000,000	80%	\$10,000,000	20%	\$0	0%	
32	STP-M-2014-10	SR-205 (Airline Road) North Widening	From the Hall Creek bridge at I-40 north to 1,100' north of the Airline - Milton Wilson intersection	0.75	The project includes the widening of SR-205 (Airline Road) from two lanes to five lanes, with the addition of curb & gutter, drainage improvements, sidewalks, bike lanes and other amenities. The project extends from I-40 on the south end to 1,100' north of the Airline - Milton Wilson Intersection.	Road Widening	Arlington	TN	2025	2021-2030	\$8,444,793.13	STP-State: 80%	\$6,755,835	80%	\$1,688,959	20%	\$0	0%	
33	STP-M-2014-09	Highway 70 at Jetway Rd Improvements	US 70 at Jetway Rd	0.3	Widen Highway 70 from 4 lanes to 5 lanes from just east of SR-385 to just west of Airline Road. The widening is to provide for a left turn lane associated with the installation of a traffic control signal, which will not increase capacity. Project includes the installation of a traffic signal at the Highway 70 - Jetway Road intersection. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Arlington	TN	2025	2021-2030	\$2,992,273.59	STP-State: 80%	\$2,393,819	80%	\$598,455	20%	\$0	0%	

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Livability												Federal	Percent		Percent		Percent	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
69		US-70/US-79/SR-1	Airline Rd to Collierville Arlington Rd/Chester Rd	0.6	Widen from 4 to 5 lanes	Road Widening	Arlington	TN	2030	2021-2030	\$9,323,999.99	STP-Urban: 74%	\$6,906,896	74%	\$0	0%	\$2,417,104	26%
83	TCSP-2012-01	Donelson Farms Pkwy	From SR-385 (Future I-269) to Airline Rd	0.5	This project consists of the design and construction of approximately 2,400 linear feet of 2-lanes of Donelson Farms Parkway. The ultimate roadway is intended to be a 4-lane urban collector with a median, bike and pedestrian facilities.	New Roadway	Arlington	TN	2025	2021-2030	\$6,319,238.91	STP-Urban: 60%	\$3,791,543	60%	\$0	0%	\$2,527,696	40%
100		SR-205 (Airline Rd)	Donelson Farm Pkwy to I-40	0.95	Widen from 2 to 4 lanes (divided)	Road Widening	Arlington	TN	2030	2021-2030	\$16,576,000.00	Discretionary Funds: 80%	\$13,260,800	80%	\$0	0%	\$3,315,200	20%
325	STP-M-2000-22	Forest Hill Irene	Walnut Grove to Macon Road	3.03	Construct new six lane roadway with a median, adjacent bike path, sidewalks, and curb ramps. The project also includes an 1,100 foot extension of Trinity Road from Sanga Creek Road to Forest Hill Irene. Trinity Road will maintain a seven lane cross section.	New Roadway	Memphis	TN	2030	2021-2030	\$18,149,416	Discretionary Funds: 70%	\$12,695,517	70%	\$0	0%	\$5,453,900	30%
182	STP-M-2014-11	Wilksville Rd	US-51 to Veterans Parkway	0.74	Extension of a 5 lane road through a newly developing area of the City. This project will create a pedestrian friendly roadway through a mixed use center that will function as the town center and connect to Veterans Parkway.	New Roadway	Millington	TN	2025	2021-2030	\$14,551,304	Discretionary Funds: 75%	\$10,913,478	75%	\$0	0%	\$3,637,826	25%
71	STP-M-2000-16	Walnut Grove Road East	Walnut Bend Road to Rocky Point Road	2.5	Widen existing four and two lane roadway to six lanes with a median, eliminate sharp curves and realign Rocky Point Road intersection to improve safety. This project will provide wide outside lanes for bikes	Road Widening	Memphis	TN	2025	2021-2030	\$12,029,731	Discretionary Funds: 75%	\$9,022,298	75%	\$0	0%	\$3,007,433	25%
136		I-40	From 1.0 mile East of Canada Road to SR-205 (Collierville-Arlington Road)	3.9	Widen from 4 lanes to 6 lanes (includes high occupancy vehicle lanes)	Road Widening	Arlington	TN	2025	2021-2030	\$63,432,435.50	None	\$0	0%	\$63,432,435	100%	\$0	0%
41	STP-M-2014-01	SR-57 Widening	Collierville Arlington Rd/Eastley St to SR-385	0.91	Project involves the widening of SR 57 from an existing two lane rural cross section to a five lane urban cross section. Project scope will include designated bicycle facilities and ADA accessible pedestrian improvements.	Road Widening	Collierville	TN	2025	2021-2030	\$30,759,970.47	STP-State: 80%	\$24,607,976	80%	\$6,151,994	20%	\$0	0%
96		SR-175 (Shelby Dr)	Jasper Park to Shelby Post	0.96	Widen from 2 to 6 lanes (divided)	Road Widening	Collierville	TN	2030	2021-2030	\$20,720,000.00	STP-Urban: 70%	\$14,504,000	70%	\$0	0%	\$6,216,000	30%
145		Winchester Rd	Byhalia Rd to US-72/SR-86	1.04	New 4 lane Rd (divided)	New Roadway	Collierville	TN	2030	2021-2030	\$24,958,077.56	Discretionary Funds: 80%	\$19,966,462	80%	\$0	0%	\$4,991,616	20%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
11		SR-196 (Hickory Withe Rd)	US-64/SR-15 to I-40 (Intersections)	5.14	Add Shoulder	Road Widening	Fayette Co	TN	2025	2021-2030	\$1,041,698.95	STP-State: 80%	\$833,359	80%	\$208,340	20%	\$0	0%
52		I-40	Interchange at SR-196 (Hickory Withe Rd)	N/A	Construct new interchange	New Interchange	Fayette Co	TN	2025	2021-2030	\$37,743,609.30	STP-Urban: 30%	\$11,323,083	30%	\$0	0%	\$26,420,527	70%
56	STP-M-2006-01	New Canada Rd	I-40 to US-70/SR-1	2.3	Design and Construction of a new four lane divided highway between Interstate 40 (Exit 20) and U.S. Highway 70 (State Route #1).	New Roadway	Lakeland	TN	2025	2021-2030	\$19,631,174.69	STP-Urban: 60%	\$11,778,705	60%	\$0	0%	\$7,852,470	40%
6		Holmes Rd	Weaver to Horn Lake Rd	1.6	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$30,660,629.34	STP-Urban: 50%	\$15,330,315	50%	\$0	0%	\$15,330,315	50%
7		I-240	NB I-55 to I-240 N	1.4	Widen from 2 to 3 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$26,497,649.02	STP-Urban: 30%	\$7,949,295	30%	\$0	0%	\$18,548,354	70%
12		SR-3 (North Second St)	Interchange at I-40	N/A	Interchange Modification	Interchange Modification/ Reconstruction	Memphis	TN	2025	2021-2030	\$18,059,960.98	STP-Urban: 30%	\$5,417,988	30%	\$0	0%	\$12,641,973	70%
14		Union Avenue (US 79)	Flicker to Cleveland	2.5	Reduce Union from 6 lanes to 5 lanes, and include; bicycle lanes, permitted/protected left turns at signalized intersections, transit and pedestrian improvements, and access management	Roadway Reconfiguration	Memphis	TN	2025	2021-2030	\$10,682,153.58	STP-Urban: 30%	\$3,204,646	30%	\$0	0%	\$7,477,508	70%
15		US-78/SR-4 (Lamar Ave)	Interchange at Holmes Rd	0.5	Construct new interchange and widen Holmes 1000 feet east to 7 lanes with service roads	New Interchange	Memphis	TN	2025	2021-2030	\$52,271,338.17	None	\$0	0%	\$52,271,338	100%	\$0	0%
16		Winchester Rd	Ridgeway to Hacks Cross	2.7	Add median	Road Widening	Memphis	TN	2025	2021-2030	\$10,496,996.25	STP-Urban: 30%	\$3,149,099	30%	\$0	0%	\$7,347,897	70%
38		I-40	From SR-177(Germantown Road) to 1.0 mile East of Canada Road	4.5	Widen from 6 lanes to 8 lanes (includes high occupancy vehicle lanes)	Road Widening	Memphis	TN	2025	2021-2030	\$86,748,294.12	None	\$0	0%	\$86,748,294	100%	\$0	0%
39	STP-M-2000-09	North Second Street (Phase II)	Cedar to South of the Wolf River Bridge	1.02	Improve North Second Street corridor to a parkway design including right-of way acquisition, reconstruction of sidewalks, provisions for bicycles, landscaping, and utility relocation. From Cedar Avenue to the Wolf River Bridge, widen Second Street from two to four lanes with a raised median. Bicycle lanes will be provided along the improved North Second Street corridor.	Road Widening	Memphis	TN	2025	2021-2030	\$18,474,029.74	STP-Urban: 60%	\$11,084,418	60%	\$0	0%	\$7,389,612	40%
48	TN-IM-2012-01	I-240	Airways Blvd	0.48	Reconstruct interchange	Interchange Modification/ Reconstruction	Memphis	TN	2025	2021-2030	\$64,186,924.41	STP-State: 42%	\$26,958,508	42%	\$37,228,416	58%	\$0	0%

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Livability												Federal Funding		Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding	
49	TN-NHPP-2014-01	I-240	Replacement of 3 Overhead Bridges; Norfolk Southern RR (LM 15.45), Poplar Ave (SR-57 EB LM 15.57), and Poplar Av. (SR-57 WB LM 15.73)	0.28	Replacement of 3 Overhead Bridges; Norfolk Southern RR (LM 15.45), Poplar Ave (SR-57 EB LM 15.57), and Poplar Av. (SR-57 WB LM 15.73)	Bridge Maintenance	Memphis	TN	2025	2021-2030	\$33,937,914.06	STP-State: 43%	\$14,739,741	43%	\$19,198,173	57%	\$0	0%	
58		Poplar Avenue	Bellevue to Front	1.8	Reduce Poplar from 6/7 lanes to 5 lanes, and include; bicycle lanes, traffic signal modernization, transit and pedestrian improvements, and access management.	Roadway Reconfiguration	Memphis	TN	2025	2021-2030	\$8,545,722.86	STP-Urban: 30%	\$2,563,717	30%	\$0	0%	\$5,982,006	70%	
60		Shelby Dr	Sewanee Rd to Weaver Rd	1.69	Widen from 2 to 4 lanes with grade separation at rail road track	Road Widening	Memphis	TN	2025	2021-2030	\$38,805,440.26	STP-Urban: 35%	\$13,581,904	35%	\$0	0%	\$25,223,536	65%	
61		Shelby Dr Extension	Paul Lowry Rd to Sewanee Rd	1.9	New 4 lane road (divided) with grade separation at rail crossing	New Roadway	Memphis	TN	2025	2021-2030	\$31,425,368.37	STP-Urban: 35%	\$10,998,879	35%	\$0	0%	\$20,426,489	65%	
104		US-78/SR-4 (Lamar Ave)	Interchange at Winchester Rd	1	Construct new interchange	New Interchange	Memphis	TN	2025	2021-2030	\$149,194,078.28	None	\$0	0%	\$149,194,078	100%	\$0	0%	
116	NHS-2002-01	I-240 Midtown	I-40 to I-55	6	Widen from 6 to 8 lanes	Road Widening	Memphis	TN	2025	2021-2030	\$58,560,922.48	NHPP: 51%	\$29,992,773	51%	\$28,568,149	49%	\$0	0%	
150		I-69	From 0.8 Mile East of US-51 to 0.5 Mile South of SR-388	5.6	New 4 lane Interstate	New Roadway	Memphis	TN	2025	2021-2030	\$169,073,772.02	None	\$0	0%	\$169,073,772	100%	\$0	0%	
161		US-78/SR-4 (Lamar Ave)	Raines Road/Perkins Road Interchange to Getwell Road (SR-176)	1.8	Widen from 4 to 6 lanes (divided)	Road Widening	Memphis	TN	2025	2021-2030	\$116,430,780.97	None	\$0	0%	\$116,430,781	100%	\$0	0%	
227	STP-M-2000-09	North Second Street (Phase III)	South of Wolf River Bridge to US-51	2.7	Improve North Second Street corridor to a parkway design including right-of-way acquisition, reconstruction of sidewalks, provisions for bicycles, landscaping, and utility relocation. From the Wolf River bridge to Harvester Lane, North Second Street will be constructed on new alignment as a 4 lane divided roadway. From Harvester Lane to US 51, North Second Street / Whitney Avenue will be widened from 2 to 4 lanes. Bicycle lanes will be provided along the improved North Second Street corridor.	Road Widening	Memphis	TN	2025	2021-2030	\$19,214,740.97	STP-Urban: 60%	\$11,528,845	60%	\$0	0%	\$7,685,896	40%	
291		Midtown Area	Downtown to Airport	N/A	Streetcar Service - Study	Study	Memphis	TN	2025	2021-2030	\$25,000,000.00	FTA: 80%	\$20,000,000	80%	\$2,500,000	10%	\$2,500,000	10%	
3		Dexter Rd	Whitten Rd to Appling Rd	0.25	Widen from 2 to 4 lanes	Road Widening	Shelby Co	TN	2025	2021-2030	\$2,354,373.03	STP-Urban: 60%	\$1,412,624	60%	\$0	0%	\$941,749	40%	

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
5		Hacks Cross Rd	Stateline Rd to SR-175 (Shelby Dr)	1.78	Widen from 2 to 7 lanes	Road Widening	Shelby Co	TN	2025	2021-2030	\$37,210,540.82	STP-Urban: 50%	\$18,605,270	50%	\$0	0%	\$18,605,270	50%
46	STP-M-2014-03	Houston Levee Road Widening	Walnut Grove Road (SR-23) to Wolf River Bridge	1.67	This project improves Houston Levee Road by widening the segment from Walnut Grove Road to the Wolf River Bridge from two to four lanes. The roadway segment will include a median and landscaping.	Road Widening	Shelby Co	TN	2025	2021-2030	\$24,362,239.60	STP-Urban: 60%	\$14,617,344	60%	\$0	0%	\$9,744,896	40%
54	STP-M-2014-06	Macon Rd Widening	Berryhill Rd to Houston Levee Rd	1.73	This project provides improvements for widening of Macon Road from two to four through lanes and includes the addition of a continuous left turn lane from Berryhill Road to Houston Levee Road with a bridge over Gray's Creek.	Road Widening	Shelby Co	TN	2025	2021-2030	\$28,731,606.22	STP-Urban: 60%	\$17,238,964	60%	\$0	0%	\$11,492,642	40%
62		Southern Gateway	West Memphis to Shelby Co/DeSoto Co	N/A	Construct new multimodal bridge over Miss. River -Environmental Impact Statement	Study	Shelby Co	TN	2025	2021-2030	\$25,000,000.00	Discretionary Funds: 80%	\$20,000,000	80%	\$5,000,000	20%	\$0	0%
152		I-69	From 0.5 Mile North of Woodstock-Cuba Road to 0.2 Mile East of US-51	5	New 4 lane Interstate	New Roadway	Shelby Co	TN	2025	2021-2030	\$150,957,707.67	Discretionary Funds: 8%	\$12,485,325	8%	\$138,472,382	92%	\$0	0%
181	STP-M-2014-04	Walnut Grove Road (SR-23) Widening	Rocky Point Rd to Houston Levee Rd	1	This project widens Walnut Grove Road from two to six lanes from Rocky Point Road to Houston Levee Road with a bridge over Gray's Creek.	Road Widening	Shelby Co	TN	2025	2021-2030	\$18,908,441.92	STP-Urban: 60%	\$11,345,065	60%	\$0	0%	\$7,563,377	40%
<b>2021-2030 TN Projects Subtotal:</b>											<b>\$3,727,612,769</b>		<b>\$1,718,849,075</b>		<b>\$1,328,315,357</b>		<b>\$819,262,037</b>	
<b>2031-2040 TN Projects</b>																		
1002	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$1,323,540,024.45	NHPP: 58%	\$761,504,047	58%	\$272,572,979	21%	\$289,462,998	22%
1005	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$261,440,004.83	NHPP: 58%	\$150,420,553	58%	\$63,077,107	24%	\$47,942,345	18%
1008		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	TN	2031	2031-2040	\$403,598,007.46	None	\$0	0%	\$201,799,004	50%	\$201,799,004	50%
1011	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	TN	2031	2031-2040	\$172,187,323.24	HSIP: 16%	\$27,832,563	86%	\$1,977,291	6%	\$2,374,693	7%
												CMAQ: 58%	\$100,197,226	86%	\$7,118,247	6%	\$8,548,893	7%
												TAP: 12%	\$20,874,422	86%	\$1,482,968	6%	\$1,781,019	7%
												Total Federal: 86%	\$148,904,211	86%	\$10,578,507	6%	\$12,704,605	7%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Comple- tion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
												Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
1015	-	Transit O&M		N/A	The transit O&M costs equal the available Transit funds minus transit capital projects	O&M	Regionwide	TN	2031	2031-2040	\$515,496,683.24	FTA: 73%	\$378,510,876	73%	\$49,919,125	10%	\$87,066,682	17%
160		SR-205 (Airline Rd)	US-64/SR-15 to Donelson Farm Pkwy	3.1	Widen from 2 to 5 lanes	Road Widening	Arlington	TN	2035	2031-2040	\$61,819,933.96	NHPP: 56%	\$34,310,063	56%	\$27,509,871	45%	\$0	0%
176		US-70/US-79/SR-1	Collierville Arlington Rd/Chester Rd to Milton Wilson Rd	0.95	Widen from 2 to 5 lanes	Road Widening	Arlington	TN	2035	2031-2040	\$24,727,973.59	STP-State: 80%	\$19,782,379	80%	\$4,945,595	20%	\$0	0%
213		Germantown Rd Extension	US-70/US-79/SR-1 to Old Brownsville Rd	1.68	Widen from 2 to 4 lanes (divided)	Road Widening	Bartlett	TN	2035	2031-2040	\$41,084,083.30	STP-Urban: 35%	\$14,379,429	35%	\$0	0%	\$26,704,654	65%
306		Shelby Dr.	Sycamore Rd. to US-72	1.3	Widen from 2 lanes to 4 lanes divided	Road Widening	Collierville	TN	2035	2031-2040	\$30,909,966.97	STP-Urban: 61%	\$18,855,080	61%	\$0	0%	\$12,054,887	39%
159		SR-196 (Hickory Withe Rd)	I-40 to Main Street	0.62	add shoulder	Road Widening	Fayette Co	TN	2035	2031-2040	\$3,090,996.69	STP-Urban: 35%	\$1,081,849	35%	\$0	0%	\$2,009,148	65%
201		Canada Rd	North of Kingsridge Dr to I-40	0.59	Widen from 4 to 6 lanes (divided)	Road Widening	Lakeland	TN	2035	2031-2040	\$10,850,708.23	STP-Urban: 35%	\$3,797,748	35%	\$0	0%	\$7,052,960	65%
202		Chambers Chapel Rd	I-40 to US-70/US-79/SR-1	2.14	Widen from 2 to 4 lanes (divided)	Road Widening	Lakeland	TN	2040	2031-2040	\$56,736,016.87	STP-Urban: 35%	\$19,857,606	35%	\$0	0%	\$36,878,411	65%
203		Chambers Chapel Rd	US-64/SR-15 to I-40	2.65	Widen from 2 to 4 lanes (divided)	Road Widening	Lakeland	TN	2040	2031-2040	\$70,254,852.73	STP-Urban: 35%	\$24,589,198	35%	\$0	0%	\$45,665,654	65%
226		New E-W Rd	Canada Rd to Chambers Chapel Rd	2.15	New 4 lane road (divided)	New Roadway	Lakeland	TN	2035	2031-2040	\$59,106,487.86	STP-Urban: 50%	\$29,553,244	50%	\$0	0%	\$29,553,244	50%
265		Beverle Rivera Dr	Canada Rd to Seed Tick Rd	0.7	Widen 2-4 lanes	Road Widening	Lakeland	TN	2035	2031-2040	\$17,118,537.10	STP-Urban: 50%	\$8,559,269	50%	\$0	0%	\$8,559,269	50%
270		Beverle Rivera Dr	Seed Tick Rd to Chambers Chapel Rd	1.36	New 2 lane road	New Roadway	Lakeland	TN	2035	2031-2040	\$34,048,053.03	STP-Urban: 50%	\$17,024,027	50%	\$0	0%	\$17,024,027	50%
31		Holmes Rd	US-61/SR-14 (South Third St) to SR-175 (Weaver Rd)	0.49	Widen from 2 to 5 lanes with intersection improvements at US 61	Road Widening	Memphis	TN	2040	2031-2040	\$16,138,352.40	STP-Urban: 30%	\$4,841,506	30%	\$0	0%	\$11,296,847	70%
47		I-240	SB I-240 to I-55 S	1	Widen from 3 to 4 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$32,296,072.76	STP-State: 80%	\$25,836,858	80%	\$6,459,215	20%	\$0	0%
51		I-40	US-64/SR-15	0.5	Reconstruct interchange	Interchange Modification/ Reconstruction	Memphis	TN	2040	2031-2040	\$9,223,990.80	STP-State: 80%	\$7,379,193	80%	\$1,844,798	20%	\$0	0%
70		US-72/SR-57 (Poplar Ave)	I-240 off ramp to Yates	0.31	Add WB lane	Road Widening	Memphis	TN	2040	2031-2040	\$5,626,392.29	STP-State: 80%	\$4,501,114	80%	\$1,125,278	20%	\$0	0%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local	
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
77		US-70/US-79/SR-1 (Summer Ave)	Summer Avenue, From 0.1 Mile North of Sycamore View Road to 0.1 Mile North of Elmore Road	1.77	Widen from 4 to 7 lanes	Road Widening	Memphis	TN	2035	2031-2040	\$72,778,780.48	None	\$0	0%	\$72,778,780	100%	\$0	0%
84		Forest Hill-Irene Rd	Grove Rd to US-64/SR-15	2.82	Widen Berryhill Rd from 3 lanes to 5 lanes and include bicycle lanes.	Road Widening	Memphis	TN	2040	2031-2040	\$55,828,143.76	STP-Urban: 25%	\$13,957,036	25%	\$0	0%	\$41,871,108	75%
101		SR-385	I-240 to Ridgeway Rd	2.51	auxiliary lane WB	Road Widening	Memphis	TN	2040	2031-2040	\$62,970,078.89	STP-Urban: 30%	\$18,891,024	30%	\$0	0%	\$44,079,055	70%
137		US-78/SR-4 (Lamar Ave)	South of Shelby Drive to Raines/Perkins Road Interchange	1.9	Widen from 4 to 6 lanes (divided)	Road Widening	Memphis	TN	2040	2031-2040	\$116,304,597.85	None	\$0	0%	\$116,304,598	100%	\$0	0%
167		Summer Avenue	Perkins to Stratford	0.1	access management	Access Management	Memphis	TN	2035	2031-2040	\$811,437.55	STP-Urban: 35%	\$284,003	35%	\$0	0%	\$527,434	65%
169		Pleasant Hill Rd	Holmes Rd to SR-175 (Shelby Dr)	1.06	Widen from 5 to 7 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$29,468,350.65	STP-Urban: 30%	\$8,840,505	30%	\$0	0%	\$20,627,845	70%
205		Covington Pike	Macon Rd to I-40	0.56	Widen from 4 to 6 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$10,792,795.53	STP-Urban: 35%	\$3,777,478	35%	\$0	0%	\$7,015,317	65%
208		Florida St	McLemore Ave to US-61/SR-1 (Crump Blvd)	0.58	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$21,372,543.50	STP-Urban: 35%	\$7,480,390	35%	\$0	0%	\$13,892,153	65%
231		Pleasant Hill Rd	Stateline Rd to Holmes Rd	1	Widen from 2 to 5 lanes	Road Widening	Memphis	TN	2040	2031-2040	\$30,131,703.27	STP-Urban: 35%	\$10,546,096	35%	\$0	0%	\$19,585,607	65%
153		I-69	From South of Fite Road to 0.5 Miles North of Woodstock-Cuba Road	2.5	New 4 lane Interstate	New Roadway	Millington	TN	2040	2031-2040	\$121,638,049.75	None	\$0	0%	\$121,638,050	100%	\$0	0%
171		SR-205 (Navy Rd)	Armor to SR-14	1.66	New 4 lane road	New Roadway	Millington	TN	2035	2031-2040	\$43,273,953.76	STP-State: 80%	\$34,619,163	80%	\$8,654,791	20%	\$0	0%
63		SR-14 (Austin Peay)	East of Old Covington Pike to SR-385;	3.99	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2035	2031-2040	\$64,825,839.18	None	\$0	0%	\$64,825,839	100%	\$0	0%
90		Appling Rd	Cordova Club to Dusty Lane	0.2	New 4 lane road	New Roadway	Shelby Co	TN	2035	2031-2040	\$9,739,279.16	STP-Urban: 80%	\$7,791,423	80%	\$0	0%	\$1,947,856	20%
95		SR-14 (Austin Peay)	East of Kerville-Rosemark Road to Tipton County Line	4.2	Widen from 2 to 4 (divided)	Road Widening	Shelby Co	TN	2035	2031-2040	\$121,470,172.17	None	\$0	0%	\$121,470,172	100%	\$0	0%
123		Dexter Rd	Forest Hill-Irene Rd Ext. to Houston Levee Rd	0.86	New 2 lane road	New Roadway	Shelby Co	TN	2040	2031-2040	\$20,057,943.24	STP-Urban: 35%	\$7,020,280	35%	\$0	0%	\$13,037,663	65%

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal		Percent State		Percent Local		
2040 ID	TIP No.											Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding	
2031-2040 TN Projects Subtotal:												\$3,930,758,131		\$1,786,895,648		\$1,145,503,708		\$998,358,774	
<b>2018-2040 TN Projects Subtotal:</b>												<b>\$8,649,016,175</b>		<b>\$3,962,001,688</b>		<b>\$2,887,403,131</b>		<b>\$2,019,772,482</b>	
<b>2018-2020 MS Projects</b>																			
1000	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$35,971,459.02	None	\$0	0%	\$35,971,459	100%	\$0	0%	
1003	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$7,059,819.06	None	\$0	0%	\$7,059,819	100%	\$0	0%	
1006		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2019	2018-2020	\$18,826,184.16	None	\$0	0%	\$0	0%	\$18,826,184	100%	
1009	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2019	2018-2020	\$1,266,520.11	HSIP: 16%	\$200,091	40%	\$251,171	50%	\$54,462	11%	
												CMAQ: 19%	\$239,270	40%	\$300,351	50%	\$65,126	11%	
												TAP: 5%	\$61,741	40%	\$77,503	50%	\$16,805	11%	
												Total Federal: 40%	\$501,102	40%	\$629,024	50%	\$136,394	11%	
80	MS-NHS-2006-01	I-55/I-69	Church Rd to MS-302 (Goodman Rd)	1.75	Widen from 4 to 8 lanes and construct frontage roads.	Road Widening	DeSoto Co	MS	2020	2018-2020	\$16,053,151.15	None	\$0	0%	\$16,053,151	100%	\$0	0%	
112	MS-LSTP-2015-02	Commerce Street Extension (SR-304)	Commerce Street to Jaybird Road	0.5	New 2-lane road, with roadbed for future expansion to four-lane divided.	New Roadway	DeSoto Co	MS	2020	2018-2020	\$1,809,293.37	None	\$0	0%	\$1,809,293	100%	\$0	0%	
292		Goodman Road (MS 302)	US-61 to MS-305 in downtown Olive Branch	17.8	Part of new transit service to DeSoto County	Transit Service	DeSoto Co	MS	2020	2018-2020	\$3,944,064.05	STP-Urban: 10%	\$394,406	10%	\$2,800,285	71%	\$749,372	19%	
328	MS-LSTP-2015-01	Getwell Road (MS 747)	Star Landing Road to Pleasant Hill Road	1.4	Widen existing two lane road to a four-lane divided typical section with curb and gutter and sidewalks.	Road Widening	DeSoto Co	MS	2020	2018-2020	\$5,267,415.75	None	\$0	0%	\$5,267,416	100%	\$0	0%	
333	MS-NHPP-2016-02	SR 304 and McIngvale Rd Interchange	SR-304 at McIngvale Road	N/A	Interchange Construction	Interchange Construction	DeSoto Co	MS	2020	2018-2020	\$19,967,838.67	STP-State: 12%	\$2,456,044	12%	\$17,511,795	88%	\$0	0%	
345		SRTP Route 39 South Third	TN/MS state line to Goodman Road (MS 302)	2.5	Extend SRTP Route 39 into Desoto County to connect with the new Goodman Rd. route.	Transit Service	DeSoto Co	MS	2020	2018-2020	\$821,680.01	STP-Urban: 10%	\$82,168	10%	\$0	0%	\$739,512	90%	
348	MS-SSTP-2006-04	SR-304/I-269	East of I-55 to SR-305	10	New 4-lane freeway	New Roadway	DeSoto Co	MS	2020	2018-2020	\$67,000,000*								
349	MS-SSTP-2008-02	SR-304/I-269	SR-305 to the Marshall County Line	7	New 4-lane freeway	New Roadway	DeSoto Co	MS	2020	2018-2020	\$49,200,000*								
332	MS-NHPP-2016-01	I-55	I-55 at Commerce Street	N/A	Interchange Reconstruction	Interchange Modification/ Reconstruction	Hernando	MS	2020	2018-2020	\$24,418,873.91	NHPP: 10%	\$2,473,632	10%	\$21,945,242	90%	\$0	0%	

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Livability		Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding	Percent Federal	Percent State	Percent Local			
2040 ID	TIP No.											Funding Category	Federal Funds	Funding	State Funds	Funding	Local Funds	Funding
350	MS-SSTP-2016-01	SR-304/I-269	Marshall County Line to East of Mason Road	0.5	New 4-lane freeway	New Roadway	Marshall County	MS	2020	2018-2020	\$12,600,000*							
351	MS-SSTP-2016-02	SR-304/I-269	East of Mason Road to SR-302	7.5	New 4-lane freeway	New Roadway	Marshall County	MS	2020	2018-2020	\$35,100,000*							
23		Church Rd	Pepper Chase Rd to Airways Blvd	0.74	Widen from 5 to 7 lanes	Road Widening	Southaven	MS	2020	2018-2020	\$8,041,478.95	STP-Urban: 5%	\$402,074	5%	\$7,639,405	95%	\$0	0%
28	MS-LSTP-2014-01	Getwell Road (MS 747)	Star Landing Road to Church Road	4	Widen existing variable width road to a four-lane divided typical section with curbs and storm drains. A 10' wide multi-use Bike-Ped lane will be provided.	Road Widening	Southaven	MS	2020	2018-2020	\$7,514,514.01	None	\$0	0%	\$7,514,514	100%	\$0	0%
29		Nail Rd Extension	Elmore Road to Swinnea Road	0.51	Widen two lane to five lanes;	Road Widening	Southaven	MS	2020	2018-2020	\$3,079,986.92	None	\$0	0%	\$0	0%	\$3,079,987	100%
35		Swinnea	Stateline to Goodman Road (MS 302)	2.02	widen 2 to 3 lanes	Road Widening	Southaven	MS	2020	2018-2020	\$8,687,407.37	STP-Urban: 4%	\$347,496	4%	\$8,339,911	96%	\$0	0%
338		I-55	Relocate frontage roads	N/A	Roadway Reconfiguration	Roadway Reconfiguration	Southaven	MS	2020	2018-2020	\$1,609,944.00	NHPP: 40%	\$643,978	40%	\$965,966	60%	\$0	0%
346		SRTP Route 32 Whitehaven	TN/MS state line to Goodman Road (MS 302)	2.3	Extend SRTP Route 32 into Desoto County to connect with the new Goodman Rd. route	Transit Service	Southaven	MS	2020	2018-2020	\$570,461.94	STP-Urban: 10%	\$57,046	10%	\$0	0%	\$513,416	90%
<b>2018-2020 MS Projects Subtotal:</b>											<b>\$164,910,092.46</b>		<b>\$7,357,946</b>		<b>\$133,507,281</b>		<b>\$24,044,865</b>	
<b>2021-2030 MS Projects</b>																		
1001	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$139,277,031.17	None	\$0	0%	\$139,277,031	100%	\$0	0%
1004	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$27,334,744.44	None	\$0	0%	\$27,334,744	100%	\$0	0%
1007		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2021	2021-2030	\$72,892,651.83	None	\$0	0%	\$36,446,326	50%	\$36,446,326	50%
1010	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2021	2021-2030	\$5,622,560.26	HSIP: 20%	\$1,119,416	50%	\$928,014	41%	\$197,669	9%
												CMAQ: 24%	\$1,338,602	50%	\$1,109,723	41%	\$236,374	9%
												TAP: 6%	\$345,414	50%	\$286,354	41%	\$60,994	9%
												Total Federal: 50%	\$2,803,432	50%	\$2,324,091	41%	\$495,037	9%
81	MS-NHS-2006-02	I-55/I-69	Commerce St to Church Rd	7.7	Widen to 6 lanes from Commerce Street to Relocated MS 304 and widen to 8 lanes from Relocated 304 to Church Road	Road Widening	DeSoto Co	MS	2025	2021-2030	\$79,154,886.24	STP-State: 9%	\$7,225,645	9%	\$71,929,241	91%	\$0	0%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Completion Date	Tier	Total Costs (YOE)	Federal Funding Category	Federal Funds	Percent Federal Funding	State Funds	Percent State Funding	Local Funds	Percent Local Funding
82	MS-NHS-2008-02	Star Landing Corridor	Star Landing Road from approx. Tulane Road to Getwell Road	6	Widen from 2 to 4 lanes (divided)	Road Widening	DeSoto Co	MS	2025	2021-2030	\$47,251,276.31	STP-Urban: 5%	\$2,362,564	5%	\$42,526,149	90%	\$2,362,564	5%
194		Craft Rd	I-269 to Church Rd	4.35	Widen from 2 to 5 lanes	Road Widening	DeSoto Co	MS	2025	2021-2030	\$65,137,312.26	None	\$0	0%	\$61,880,447	95%	\$3,256,866	5%
344		Airways Road	From Existing Sidewinder Road (north of Pleasant Hill) to Old Airways Blvd (south of Star Landing)	1.2	(New 2 lane Road)	New Roadway	DeSoto Co	MS	2030	2021-2030	\$9,008,909.01	STP-Urban: 50%	\$4,504,455	50%	\$0	0%	\$4,504,455	50%
26		MS-747 (Getwell Road)	Byhalia Road (SR-309) to Pleasant Hill Road	1.14	Widen from 2 to 4 lanes	Road Widening	Hernando	MS	2030	2021-2030	\$17,127,588.10	STP-State: 25%	\$4,281,897	25%	\$12,845,691	75%	\$0	0%
113		Hacks Cross Road	College Road to US-78	0.66	Widen from 2 to 5 lanes (undivided)	Road Widening	Olive Branch	MS	2025	2021-2030	\$8,601,872.82	STP-Urban: 6%	\$473,103	6%	\$0	0%	\$8,128,770	95%
195		Pleasant Hill Road	Church Road to Nail Road	1	Widen from 2 to 4 lanes (divided)	Road Widening	Olive Branch	MS	2025	2021-2030	\$27,903,021.27	None	\$0	0%	\$0	0%	\$27,903,021	100%
147	MS-LSTP-2014-06	I-55/I-69	Interchange at Nail Road	N/A	Construct new overpass	New Bridge	Southaven	MS	2025	2021-2030	\$59,330,332.18	NHPP: 20%	\$11,866,066	20%	\$47,464,266	80%	\$0	0%
<b>2021-2030 MS Projects Subtotal:</b>											<b>\$558,642,185.88</b>		<b>\$33,517,162</b>		<b>\$442,027,986</b>		<b>\$83,097,038</b>	
<b>2031-2040 MS Projects</b>																		
1002	-	NHS Pavement O&M		N/A	Operations and Maintenance (O&M) set aside for pavement on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$174,838,003.23	NHPP: 34%	\$58,592,317	73%	\$17,139,639	21%	\$5,027,160	6%
												STP-State: 39%	\$68,256,072	73%	\$19,966,516	21%	\$5,856,300	6%
												Total Federal: 73%	\$126,848,389	73%	\$37,106,154	21%	\$10,883,460	6%
1005	-	NHS Bridge O&M		N/A	Operations and Maintenance (O&M) set aside for bridges on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$34,314,000.63	None	\$0	0%	\$32,613,866	95%	\$1,700,134	5%
1008		non-NHS Pavement & bridges		N/A	Operations and Maintenance (O&M) set aside for pavement and bridges that are not on the National Highway System (NHS)	O&M	Regionwide	MS	2031	2031-2040	\$91,504,001.69	None	\$0	0%	\$45,752,001	50%	\$45,752,001	50%
1011	-	Bike/ped/Complete Streets/Transit Operations		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Bike/Ped/Transit	Regionwide	MS	2031	2031-2040	\$17,840,386.03	HSIP: 31%	\$5,553,695	78%	\$1,376,564	19%	\$193,442	3%
												CMAQ: 37%	\$6,641,131	78%	\$1,646,100	19%	\$231,319	3%
												TAP: 10%	\$1,713,684	78%	\$424,761	19%	\$59,690	3%
												Total Federal: 78%	\$13,908,510	78%	\$3,447,425	19%	\$484,451	3%
1012		Livability Corridors		N/A	The costs equal the total funds available from these sources: (HSIP, CMAQ, TAP) and costs of Livability Corridors Projects	Livability Corridors	Regionwide	MS	2031	2031-2040	\$14,388,321.70	None	\$0	0%	\$7,194,161	50%	\$7,194,161	50%

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Livability 2040 ID	TIP No.	Facility	Termini	Length (Miles)	Description	Type of Improvement	Project Location	State	Comple- tion Date	Tier	Total Costs (YOE)	Federal Funding Category	Percent Federal Funding	Percent State Funding	Percent Local Funding			
												Federal Funds	State Funds	Local Funds				
37		McIngvale	Greentea to Commerce	2.53	2 to 5 Lanes	Road Widening	Hernando	MS	2035	2031-2040	\$27,892,743.73	STP-Urban: 70%	\$19,524,921	70%	\$0	0%	\$8,367,823	30%
162		US-51	I-69 to Star Landing Road	2.86	Widen from 2 to 4 lanes (divided)	Road Widening	Hernando	MS	2035	2031-2040	\$51,380,828.17	NHPP: 9%	\$4,624,275	9%	\$46,756,554	91%	\$0	0%
154		US-51	Church Rd to Stateline Road	4.16	Widen from 5 to 7 lanes	Road Widening	Horn Lake	MS	2035	2031-2040	\$57,454,993.43	NHPP: 80%	\$45,963,995	80%	\$11,490,999	20%	\$0	0%
129		Nail Road	Swinnea to Getwell Road (MS 747)	2.52	New 4 lane road (divided)	New Roadway	Southaven	MS	2040	2031-2040	\$61,981,422.03	STP-Urban: 27%	\$16,933,337	30%	\$0	0%	\$38,832,469	70%
												Discretionary Funds: 3%	\$1,887,378	30%	\$0	0%	\$4,328,239	70%
												Total Federal: 30%	\$18,820,714	30%	\$0	0%	\$43,160,708	70%
<b>2031-2040 MS Projects Subtotal:</b>											<b>\$531,594,700.63</b>		<b>\$229,690,803</b>		<b>\$184,361,160</b>		<b>\$117,542,738</b>	
<b>2018-2040 MS Projects Subtotal:</b>											<b>\$1,255,146,978.97</b>		<b>\$270,565,911</b>		<b>\$759,896,427</b>		<b>\$224,684,641</b>	
<b>TN and MS Projects Total</b>																		
<b>2018-2020 TN and MS Projects Total:</b>											<b>\$1,155,555,367.19</b>		<b>\$463,614,911</b>		<b>\$547,091,345</b>		<b>\$226,196,536</b>	
<b>2021-2030 TN and MS Projects Total:</b>											<b>\$4,286,254,955.14</b>		<b>\$1,752,366,237</b>		<b>\$1,770,343,343</b>		<b>\$902,359,076</b>	
<b>2031-2040 TN and MS Projects Total:</b>											<b>\$4,462,352,831.15</b>		<b>\$2,016,586,452</b>		<b>\$1,329,864,868</b>		<b>\$1,115,901,512</b>	
<b>2018-2040 TN and MS Projects Total:</b>											<b>\$9,904,163,153.48</b>		<b>\$4,232,567,600</b>		<b>\$3,647,299,557</b>		<b>\$2,244,457,124</b>	

\*Funds for this project are programmed in the FY 2014-17 TIP.

# SECTION C TENNESSEE LOCAL PROJECTS

## Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal STBG)	\$79,705,035	\$65,251,344	\$42,130,127	\$3,107,544	\$79,705,035
Annual STBG Federal Funds	\$16,490,191	\$17,200,301	\$17,544,307	\$17,895,193	\$69,129,992
<b>STBG Federal Funding</b>	<b>\$96,195,226</b>	<b>\$82,451,645</b>	<b>\$59,674,434</b>	<b>\$21,002,737</b>	<b>\$148,835,027</b>
STBG Local Funds	\$7,460,999	\$8,370,075	\$12,523,488	\$2,917,026	\$31,271,588
STBG State Funds	\$199,680	\$430,320	\$820,000	\$0	\$1,450,000
<b>STBG Expenditure</b>	<b>\$41,504,737</b>	<b>\$50,021,913</b>	<b>\$69,910,378</b>	<b>\$15,230,067</b>	<b>\$176,667,095</b>
STBG-L Federal Funds	\$1,282,335	\$0	\$0	\$0	\$1,282,335
STBG-L Local Funds	\$320,584	\$0	\$0	\$0	\$320,584
<b>STBG-L Expenditure</b>	<b>\$1,602,919</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,602,919</b>
STBG-S Federal Funds	\$0	\$6,082,160	\$0	\$8,812,278	\$14,894,438
STBG-S State Funds	\$0	\$98,393	\$0	\$0	\$98,393
STBG-S Local Funds	\$0	\$1,422,147	\$0	\$2,203,070	\$3,625,217
<b>STBG-S Expenditure</b>	<b>\$0</b>	<b>\$7,602,700</b>	<b>\$0</b>	<b>\$11,015,348</b>	<b>\$18,618,048</b>
DEMO Federal Funds	\$1,606,702	\$0	\$0	\$0	\$1,606,702
<b>DEMO Expenditure</b>	<b>\$1,606,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,606,702</b>
ENH Federal Funds	\$1,725,618	\$0	\$0	\$0	\$1,725,618
ENH State Funds	\$1,000	\$0	\$0	\$0	\$1,000
ENH Local Funds	\$430,405	\$0	\$0	\$0	\$430,405
<b>ENH Expenditure</b>	<b>\$2,157,023</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,157,023</b>
FLAP Federal Funds	\$2,389,359	\$0	\$0	\$0	\$2,389,359
FLAP Local Funds	\$585,592	\$0	\$0	\$0	\$585,592
<b>FLAP Expenditure</b>	<b>\$2,974,951</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,974,951</b>
FBD Federal Funds	\$80,000	\$720,000	\$0	\$0	\$800,000
FBD Local Funds	\$20,000	\$180,000	\$0	\$0	\$200,000
<b>FBD Expenditure</b>	<b>\$100,000</b>	<b>\$900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>
HIP Federal Funds	\$0	\$3,165,727	\$0	\$0	\$3,165,727
HIP Local Funds	\$0	\$791,432	\$0	\$0	\$791,432
<b>HIP Expenditure</b>	<b>\$0</b>	<b>\$3,957,159</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,957,159</b>
HPP Federal Funds	\$3,611,636	\$0	\$0	\$0	\$3,611,636
HPP Local Funds	\$902,909	\$0	\$0	\$0	\$902,909
<b>HPP Expenditure</b>	<b>\$4,514,545</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,514,545</b>
NHPP Federal Funds	\$0	\$0	\$9,200,000	\$0	\$9,200,000
NHPP State Funds	\$0	\$0	\$2,300,000	\$0	\$2,300,000
<b>NHPP Expenditure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,500,000</b>	<b>\$0</b>	<b>\$11,500,000</b>
SRTS Federal Funds	\$0	\$893,375	\$0	\$0	\$893,375
<b>SRTS Expenditure</b>	<b>\$0</b>	<b>\$893,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$893,375</b>
TA Federal Funds	\$2,320,141	\$3,466,824	\$1,551,146	\$0	\$7,338,111
TA Local Funds	\$580,035	\$866,706	\$387,787	\$0	\$1,834,528
<b>TA Expenditure</b>	<b>\$2,900,176</b>	<b>\$4,333,530</b>	<b>\$1,938,933</b>	<b>\$0</b>	<b>\$9,172,639</b>
TA-S Federal Funds	\$588,501	\$2,922,596	\$0	\$0	\$3,511,097
TA-S Local Funds	\$147,125	\$730,649	\$0	\$0	\$877,774
<b>TA-S Expenditure</b>	<b>\$735,626</b>	<b>\$3,653,245</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,388,871</b>
Local Matching Funds	\$0	\$175,113	\$0	\$0	\$175,113
<b>Local Match Expenditure</b>	<b>\$0</b>	<b>\$175,113</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,113</b>
<b>TOTAL FUNDING</b>	<b>\$123,348,023</b>	<b>\$113,667,162</b>	<b>\$86,456,855</b>	<b>\$34,935,111</b>	<b>\$244,117,959</b>
<b>TOTAL EXPENDITURE</b>	<b>\$58,096,679</b>	<b>\$71,537,035</b>	<b>\$83,349,311</b>	<b>\$26,245,415</b>	<b>\$239,228,439</b>
<b>BALANCE</b>	<b>\$65,251,344</b>	<b>\$42,130,127</b>	<b>\$3,107,544</b>	<b>\$8,689,696</b>	<b>\$4,889,520</b>

CONSTRUCTION SET-ASIDE

\$3,160,000

Note: Reference **Appendix A** for a complete list of the Construction Set-Aside Projects.

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# SECTION C

## TENNESSEE LOCAL PROJECTS

### Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal STBG)	\$84,505,035	\$67,651,344	\$42,130,127	\$3,107,544	\$84,505,035
Annual STBG Federal Funds	\$16,490,191	\$17,200,301	\$17,544,307	\$17,895,193	\$69,129,992
<b>STBG Federal Funding</b>	<b>\$100,995,226</b>	<b>\$84,851,645</b>	<b>\$59,674,434</b>	<b>\$21,002,737</b>	<b>\$153,635,027</b>
STBG Local Funds	\$8,060,999	\$8,970,075	\$12,523,488	\$2,917,026	\$32,471,588
STBG State Funds	\$199,680	\$430,320	\$820,000	\$0	\$1,450,000
<b>STBG Expenditure</b>	<b>\$44,504,737</b>	<b>\$53,021,913</b>	<b>\$69,910,378</b>	<b>\$15,230,067</b>	<b>\$182,667,095</b>
STBG-L Federal Funds	\$1,282,335	\$0	\$0	\$0	\$1,282,335
STBG-L Local Funds	\$320,584	\$0	\$0	\$0	\$320,584
<b>STBG-L Expenditure</b>	<b>\$1,602,919</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,602,919</b>
STBG-S Federal Funds	\$0	\$6,082,160	\$0	\$8,812,278	\$14,894,438
STBG-S State Funds	\$0	\$98,393	\$0	\$0	\$98,393
STBG-S Local Funds	\$0	\$1,422,147	\$0	\$2,203,070	\$3,625,217
<b>STBG-S Expenditure</b>	<b>\$0</b>	<b>\$7,602,700</b>	<b>\$0</b>	<b>\$11,015,348</b>	<b>\$18,618,048</b>
DEMO Federal Funds	\$1,606,702	\$0	\$0	\$0	\$1,606,702
<b>DEMO Expenditure</b>	<b>\$1,606,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,606,702</b>
ENH Federal Funds	\$1,725,618	\$0	\$0	\$0	\$1,725,618
ENH State Funds	\$1,000	\$0	\$0	\$0	\$1,000
ENH Local Funds	\$430,405	\$0	\$0	\$0	\$430,405
<b>ENH Expenditure</b>	<b>\$2,157,023</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,157,023</b>
FLAP Federal Funds	\$2,389,359	\$0	\$0	\$0	\$2,389,359
FLAP Local Funds	\$585,592	\$0	\$0	\$0	\$585,592
<b>FLAP Expenditure</b>	<b>\$2,974,951</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,974,951</b>
FBD Federal Funds	\$80,000	\$720,000	\$0	\$0	\$800,000
FBD Local Funds	\$20,000	\$180,000	\$0	\$0	\$200,000
<b>FBD Expenditure</b>	<b>\$100,000</b>	<b>\$900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>
HIP Federal Funds	\$0	\$3,165,727	\$0	\$0	\$3,165,727
HIP Local Funds	\$0	\$791,432	\$0	\$0	\$791,432
<b>HIP Expenditure</b>	<b>\$0</b>	<b>\$3,957,159</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,957,159</b>
HPP Federal Funds	\$3,611,636	\$0	\$0	\$0	\$3,611,636
HPP Local Funds	\$902,909	\$0	\$0	\$0	\$902,909
<b>HPP Expenditure</b>	<b>\$4,514,545</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,514,545</b>
NHPP Federal Funds	\$0	\$0	\$9,200,000	\$0	\$9,200,000
NHPP State Funds	\$0	\$0	\$2,300,000	\$0	\$2,300,000
<b>NHPP Expenditure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,500,000</b>	<b>\$0</b>	<b>\$11,500,000</b>
SRTS Federal Funds	\$0	\$893,375	\$0	\$0	\$893,375
<b>SRTS Expenditure</b>	<b>\$0</b>	<b>\$893,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$893,375</b>
TA Federal Funds	\$2,320,141	\$3,466,824	\$1,551,146	\$0	\$7,338,111
TA Local Funds	\$580,035	\$866,706	\$387,787	\$0	\$1,834,528
<b>TA Expenditure</b>	<b>\$2,900,176</b>	<b>\$4,333,530</b>	<b>\$1,938,933</b>	<b>\$0</b>	<b>\$9,172,639</b>
TA-S Federal Funds	\$588,501	\$2,922,596	\$0	\$0	\$3,511,097
TA-S Local Funds	\$147,125	\$730,649	\$0	\$0	\$877,774
<b>TA-S Expenditure</b>	<b>\$735,626</b>	<b>\$3,653,245</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,388,871</b>
Local Matching Funds	\$0	\$175,113	\$0	\$0	\$175,113
<b>Local Match Expenditure</b>	<b>\$0</b>	<b>\$175,113</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,113</b>
<b>TOTAL FUNDING</b>	<b>\$128,748,023</b>	<b>\$116,667,162</b>	<b>\$86,456,855</b>	<b>\$34,935,111</b>	<b>\$250,117,959</b>
<b>TOTAL EXPENDITURE</b>	<b>\$61,096,679</b>	<b>\$74,537,035</b>	<b>\$83,349,311</b>	<b>\$26,245,415</b>	<b>\$245,228,439</b>
<b>BALANCE</b>	<b>\$67,651,344</b>	<b>\$42,130,127</b>	<b>\$3,107,544</b>	<b>\$8,689,696</b>	<b>\$4,889,520</b>

CONSTRUCTION SET-ASIDE

\$3,160,000

Note: Reference Appendix A for a complete list of the Construction Set-Aside Projects.

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ETC Item #31

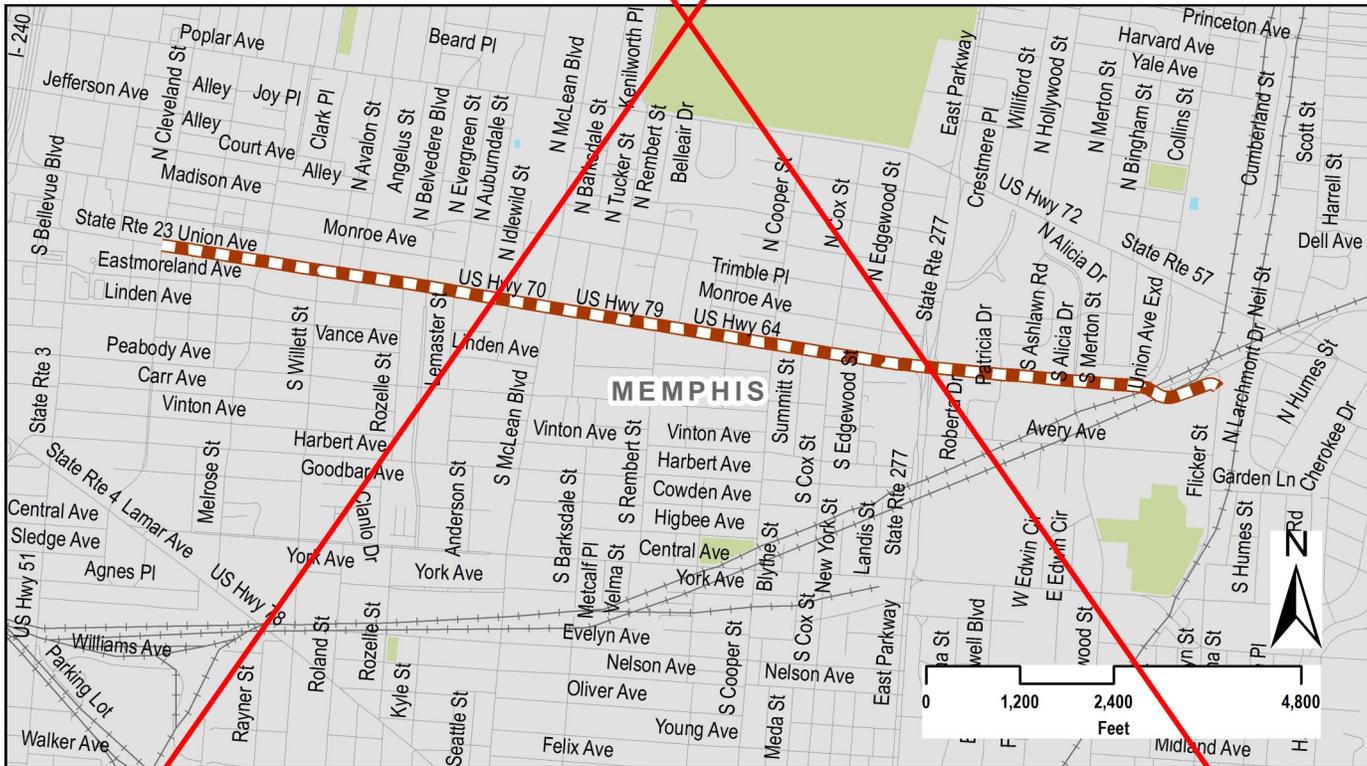
<b>TIP #</b>	STBG-M-2017-04	<b>TDOT PIN #</b>	127055.00	<b>Horizon Year</b>	2025	<b>County</b>	Shelby
<b>Lead Agency</b>	Memphis	<b>Length</b>	2.5 miles	<b>RTP #</b>	14	<b>Conformity</b>	Non-Exempt
<b>Project Name</b>	Union Avenue (US-79)					<b>Total Cost</b>	\$19,200,000

**Termini/ Intersection**  
Flicker to Cleveland

**Project Description**  
Reduce Union Avenue from 6 lanes to 5 lanes and include; bicycle lanes, permitted/protected left turns at signalized intersections, transit and pedestrian improvements, and access management.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds

**Project Notes**  
**PROJECT REMOVED**



Obligation History			
Project Phase	PE-N	PE-D	ROW

Revision History	
Amendments	Adjustments
Amendment 5: 011/15/18	

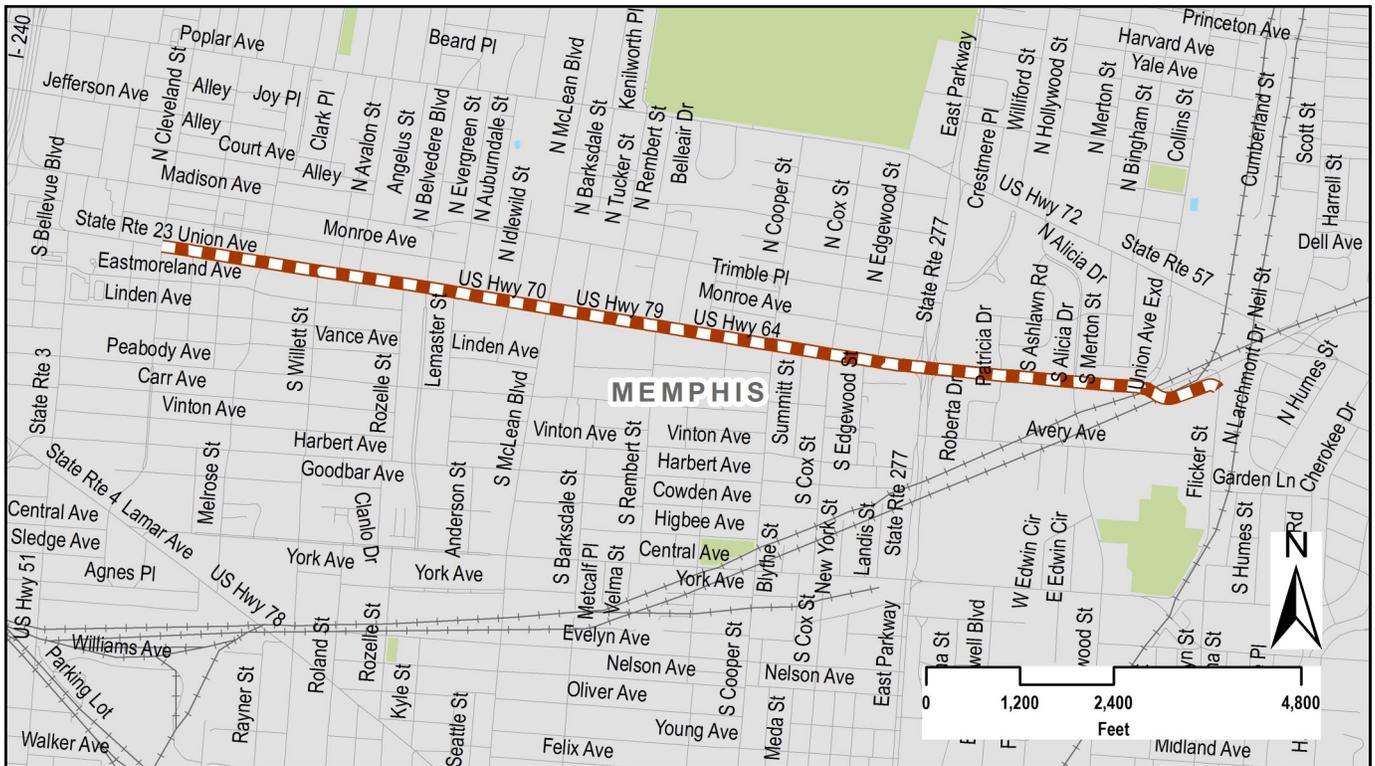
TIP #	STBG-M-2017-04	TDOT PIN #	127055.00	Horizon Year	2025	County	Shelby
Lead Agency	Memphis	Length	2.5 miles	RTP #	14	Conformity	Non-Exempt
Project Name	Union Avenue (US-79)					Total Cost	\$19,200,000

**Termini/ Intersection**  
Flicker to Cleveland

**Project Description**  
Reduce Union Avenue from 6 lanes to 5 lanes and include; bicycle lanes, permitted/protected left turns at signalized intersections, transit and pedestrian improvements, and access management.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2017	PE-N/PE-D	STBG	\$3,000,000	\$2,400,000		\$600,000
		2018	ROW	STBG	\$3,000,000	\$2,400,000		\$600,000

**Project Notes**



Obligation History			
Project Phase	PE-N	PE-D	ROW

Revision History	
Amendments	Adjustments

# SECTION D

## MISSISSIPPI LOCAL PROJECTS

### Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal STBG)	\$10,856,783	\$6,782,777	\$4,207,974	\$2,028,794	\$10,856,783
Annual STBG Federal Funds	\$2,974,689	\$3,102,604	\$3,164,656	\$3,227,949	\$12,469,898
<b>STBG Federal Funding</b>	<b>\$13,831,472</b>	<b>\$9,885,381</b>	<b>\$7,372,630</b>	<b>\$5,256,743</b>	<b>\$23,326,681</b>
STBG Local Funds	\$1,300,422	\$1,163,139	\$2,245,608	\$54,600	\$4,763,769
TA Federal Funds	\$960,644	\$204,317	\$212,715	\$0	\$1,377,676
TA Local Funds	\$240,161	\$51,079	\$53,179	\$0	\$344,419
<b>Total TA</b>	<b>\$1,200,805</b>	<b>\$255,396</b>	<b>\$265,894</b>	<b>\$0</b>	<b>\$1,722,095</b>
TE/SRTS Federal Funds	\$0	\$1,410,000	\$900,000	\$0	\$2,310,000
TE/SRTS State Funds	\$0	\$0	\$0	\$0	\$0
TE/SRTS Local Funds	\$0	\$352,500	\$225,000	\$0	\$577,500
<b>Total TE/SRTS</b>	<b>\$0</b>	<b>\$1,762,500</b>	<b>\$1,125,000</b>	<b>\$0</b>	<b>\$2,887,500</b>
HIP Federal Funds	\$0	\$0	\$557,506	\$0	\$557,506
HIP Local Funds	\$0	\$0	\$139,377	\$0	\$139,377
<b>Total HIP</b>	<b>\$0</b>	<b>\$0</b>	<b>\$696,883</b>	<b>\$0</b>	<b>\$696,883</b>
State Matching Funds	\$0	\$0	\$1,000,000	\$0	\$1,000,000
<b>Total State Match</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,696,883</b>
<b>TOTAL FUNDING</b>	<b>\$16,332,699</b>	<b>\$13,066,416</b>	<b>\$12,706,014</b>	<b>\$5,311,343</b>	<b>\$34,396,927</b>
<b>TOTAL EXPENDITURE</b>	<b>\$9,549,922</b>	<b>\$8,858,442</b>	<b>\$10,677,220</b>	<b>\$273,000</b>	<b>\$29,358,585</b>
<b>BALANCE</b>	<b>\$6,782,777</b>	<b>\$4,207,974</b>	<b>\$2,028,794</b>	<b>\$5,038,343</b>	<b>\$5,038,343</b>

CONSTRUCTION SET-ASIDE

\$0

Note: Reference **Appendix A** for the Construction Set-Aside Project.

# SECTION D MISSISSIPPI LOCAL PROJECTS

## Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal STBG)	\$10,856,783	\$5,998,779	\$2,726,290	\$5,153,937	\$10,856,783
Annual STBG Federal Funds	\$2,702,691	\$2,729,718	\$2,757,015	\$2,784,585	\$10,974,009
<b>STBG Federal Funding</b>	<b>\$13,559,474</b>	<b>\$8,728,497</b>	<b>\$5,483,305</b>	<b>\$7,938,522</b>	<b>\$21,830,792</b>
STBG Local Funds	\$1,428,422	\$1,244,339	\$82,342	\$54,600	\$2,809,703
TA Federal Funds	\$960,644	\$204,317	\$212,715	\$0	\$1,377,676
TA Local Funds	\$240,161	\$51,079	\$53,179	\$0	\$344,419
<b>Total TA</b>	<b>\$1,200,805</b>	<b>\$255,396</b>	<b>\$265,894</b>	<b>\$0</b>	<b>\$1,722,095</b>
TE/SRTS Federal Funds	\$0	\$1,410,000	\$900,000	\$0	\$2,310,000
TE/SRTS State Funds	\$0	\$0	\$0	\$0	\$0
TE/SRTS Local Funds	\$0	\$352,500	\$225,000	\$0	\$577,500
<b>Total TE/SRTS</b>	<b>\$0</b>	<b>\$1,762,500</b>	<b>\$1,125,000</b>	<b>\$0</b>	<b>\$2,887,500</b>
<b>TOTAL FUNDING</b>	<b>\$16,188,701</b>	<b>\$11,990,732</b>	<b>\$6,956,541</b>	<b>\$7,993,123</b>	<b>\$29,250,090</b>
<b>TOTAL EXPENDITURE</b>	<b>\$10,189,922</b>	<b>\$9,264,442</b>	<b>\$1,802,604</b>	<b>\$273,000</b>	<b>\$21,529,968</b>
<b>BALANCE</b>	<b>\$5,998,779</b>	<b>\$2,726,290</b>	<b>\$5,153,937</b>	<b>\$7,720,123</b>	<b>\$7,720,122</b>

**CONSTRUCTION SET-ASIDE**

**\$5,148,000**

Note: Reference Appendix A for the Construction Set-Aside Project.

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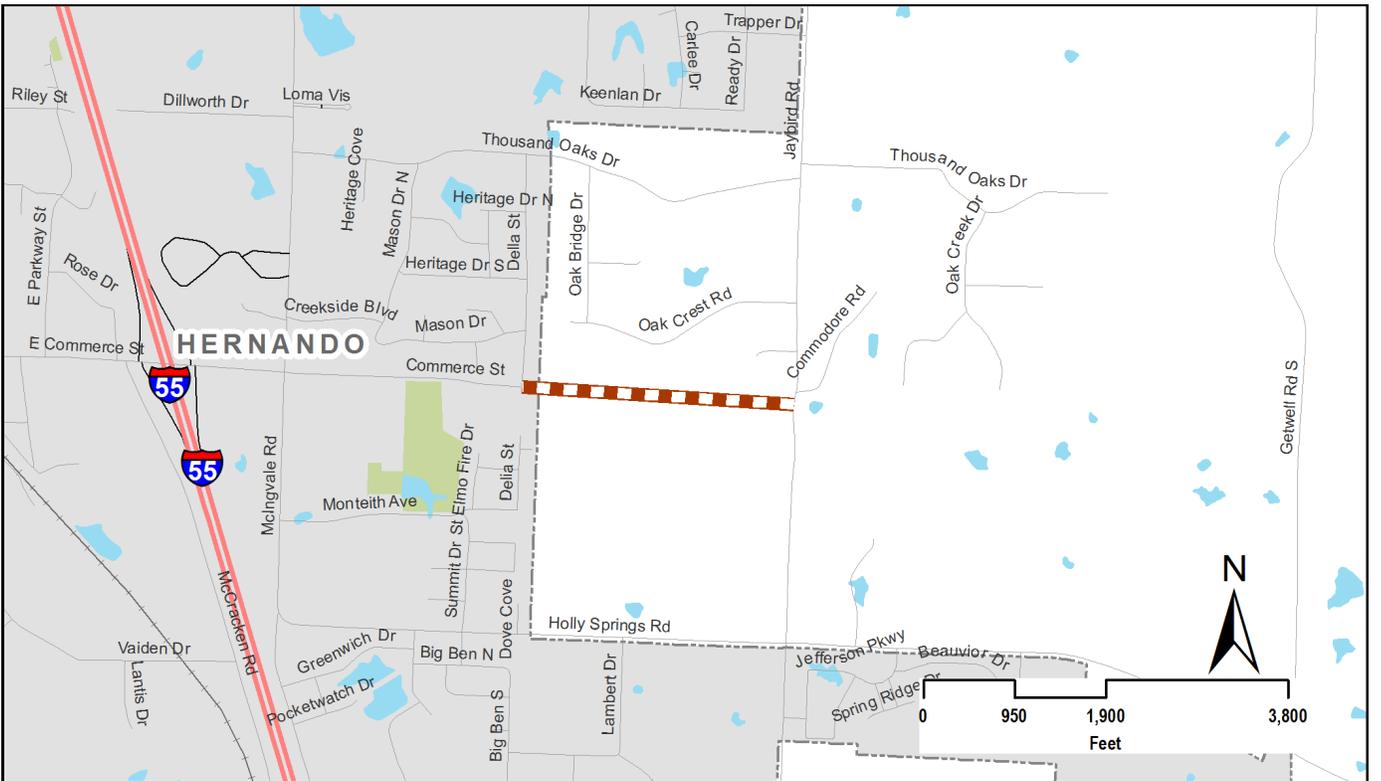
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TIP # **MS-LSTP-2015-02** MDOT PIN #  Horizon Year **2025** County **DeSoto**  
 Lead Agency **DeSoto County** Length **0.5 miles** RTP # **112** Conformity **Non-Exempt**  
 Project Name **Commerce Street Extension (SR-304)** Total Cost **\$4,500,000**  
 Termini/ Intersection **Della Street to Jaybird Road**

**Project Description**  
 New 3-lane road, with roadbed for future expansion to a 5-lane.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
\$368,920		2017	PE	STBG	\$461,150	\$368,920		\$92,230

**Project Notes**



Obligation History							
Project Phase	PE-N	08/08/17	PE-D	08/08/17	ROW		CONST

Revision History	
<b>Amendments</b> Amendment 5: 11/15/18	<b>Adjustments</b> Adjustment 8: 07/19/17

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TIP #  MDOT PIN #  Horizon Year  County

Lead Agency  Length  RTP #  Conformity

Project Name  Total Cost

Termini/ Intersection

Project Description

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
\$368,920		2017	PE	STBG	\$461,150	\$368,920		\$92,230

Project Notes



Obligation History								
Project Phase	PE-N	08/08/17	PE-D	08/08/17	ROW		CONST	

Revision History	
Amendments	
Adjustments	Adjustment 8: 07/19/17

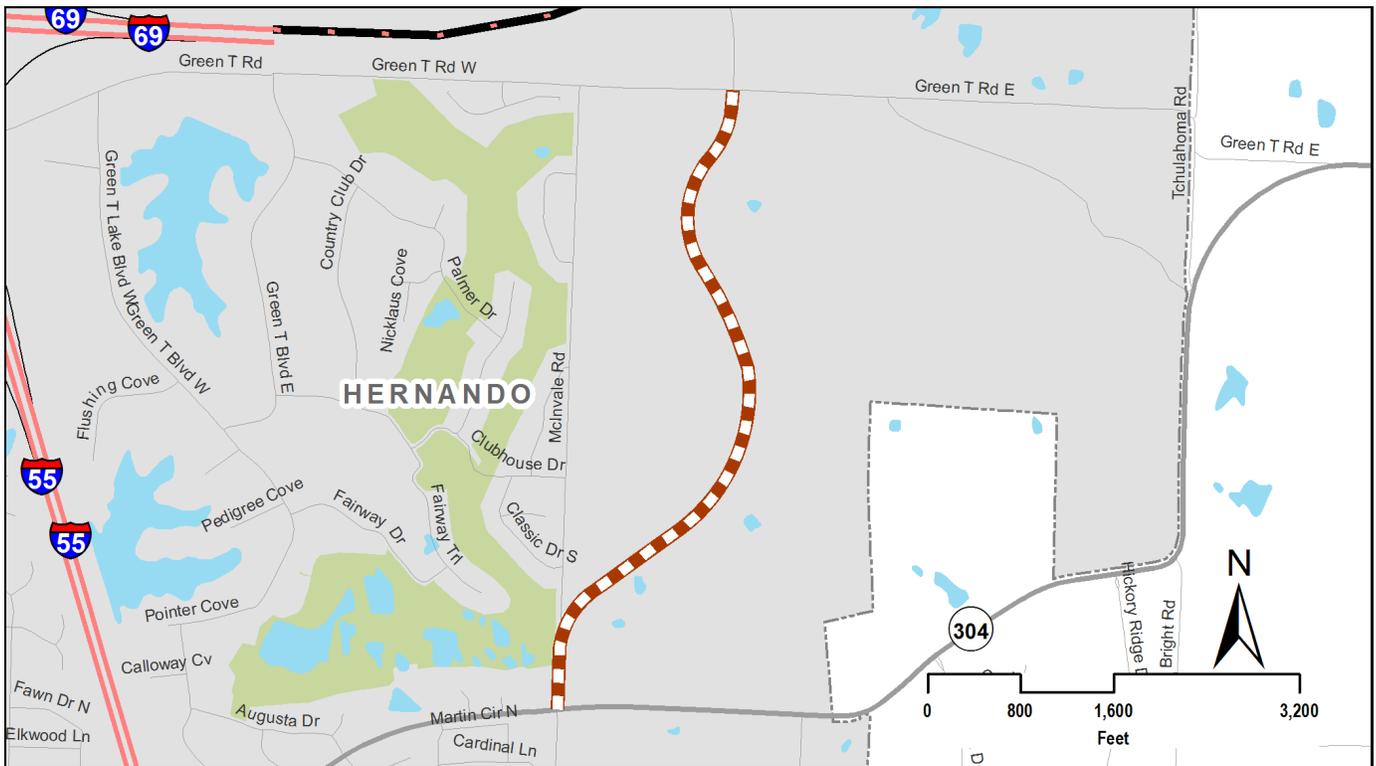
TIP # **MS-LSTBG-2017-01** MDOT PIN #  Horizon Year **2021** County **DeSoto**  
 Lead Agency **Hernando** Length **1.1 miles** RTP # **37** Conformity **Non-Exempt**  
 Project Name **Mclngvale Road** Total Cost **\$8,874,617**

Termini/ Intersection **Green T Road to Byhalia Road**

Project Description **Widen from 2 to 5 lanes with the realignment of Mclngvale Road with I-269 intersection. Project scope will include designated bicycle facilities and ADA accessible pedestrians improvements.**

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
\$399,758		2019	PE/CONST	STBG	\$640,000	\$512,000		\$128,000
		2019	ROW/CONST	STBG	\$406,000	\$324,800		\$81,200
		2019	CONST	STBG	\$6,131,734	\$4,177,668		\$1,954,066
		2019	CONST	HIP	\$696,883	\$557,506		\$139,377
		2019	CONST	STATE MATCH	\$1,000,000		\$1,000,000	

Project Notes **In addition to the City of Hernando's local match, DeSoto County is providing a \$1 million local match and the state is providing a \$1 million state match (as shown on the TIP page).**



Obligation History							
Project Phase	PE-N	09/25/17	PE-D	09/25/17	ROW		CONST

Revision History	
Amendments	Amendment 5: 11/15/18
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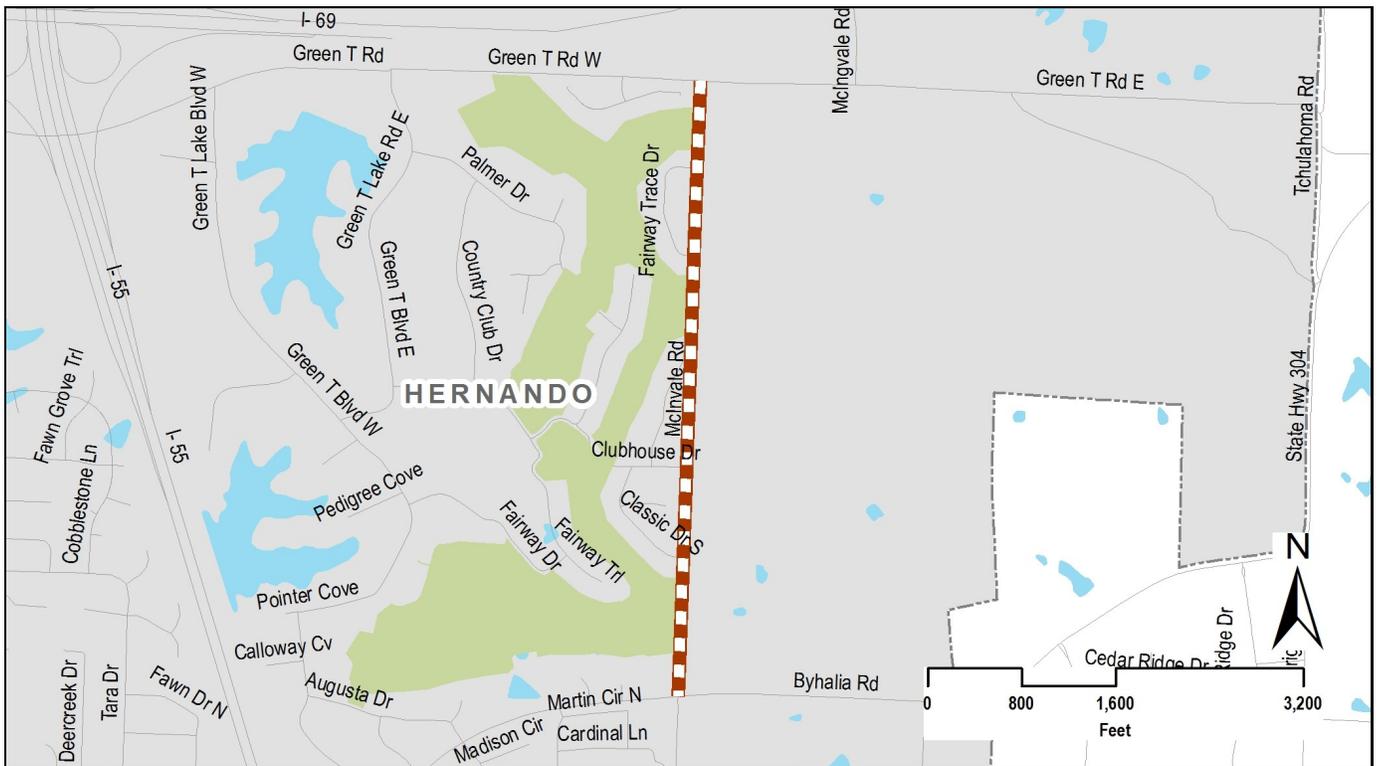
TIP # **MS-LSTBG-2017-01** MDOT PIN #  Horizon Year **2035** County **DeSoto**  
 Lead Agency **Hernando** Length **1.1 miles** RTP # **37** Conformity **Non-Exempt**  
 Project Name **McIngvale Road** Total Cost **\$10,000,000**

Termini/ Intersection **Green T Road to Byhalia Road**

Project Description **Widen from 2 to 5 lanes with the realignment of McIngvale Road with I-269 intersection. Project scope will include designated bicycle facilities and ADA accessible pedestrians improvements.**

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
\$399,758		<b>2017</b>	PE	STBG	<b>\$640,000</b>	\$512,000		\$128,000
		<b>2018</b>	ROW	STBG	<b>\$406,000</b>	\$324,800		\$81,200

Project Notes



Obligation History							
Project Phase	PE-N	09/25/17	PE-D	09/25/17	ROW		CONST

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## SECTION E CONGESTION MITIGATION & AIR QUALITY PROJECTS

### Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal CMAQ-M)	\$1,716,328	\$1,400,000	\$0	\$0	\$3,116,328
<b>CMAQ-M Federal Funding</b>	<b>\$1,716,328</b>	<b>\$1,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,116,328</b>
Carry Over Funds (Local CMAQ-M)	\$0	\$350,000	\$0	\$0	\$350,000
<b>CMAQ-M Expenditure</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>
CMAQ-S Federal Funds	\$20,954,290	\$6,386,301	\$27,480,982	\$0	\$54,821,573
CMAQ-S State Funds	\$92,445	\$92,445	\$0	\$0	\$184,890
CMAQ-S Local Funds	\$2,140,454	\$1,369,870	\$8,794,197	\$0	\$12,304,521
<b>CMAQ-S Expenditure</b>	<b>\$23,187,189</b>	<b>\$7,848,616</b>	<b>\$36,275,179</b>	<b>\$0</b>	<b>\$67,310,984</b>
<b>TOTAL FUNDING</b>	<b>\$24,903,517</b>	<b>\$9,598,616</b>	<b>\$36,275,179</b>	<b>\$0</b>	<b>\$70,777,312</b>
<b>TOTAL EXPENDITURE</b>	<b>\$24,903,517</b>	<b>\$9,598,616</b>	<b>\$36,275,179</b>	<b>\$0</b>	<b>\$70,777,312</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## SECTION E CONGESTION MITIGATION & AIR QUALITY PROJECTS

### Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
Carry Over Funds (Federal CMAQ-M)	\$1,716,328	\$1,400,000	\$0	\$0	\$3,116,328
<b>CMAQ-M Federal Funding</b>	<b>\$1,716,328</b>	<b>\$1,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,116,328</b>
Carry Over Funds (Local CMAQ-M)	\$0	\$350,000	\$0	\$0	\$350,000
<b>CMAQ-M Expenditure</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>
CMAQ-S Federal Funds	\$20,954,290	\$6,386,301	\$21,142,240	\$0	\$48,482,831
CMAQ-S State Funds	\$92,445	\$92,445	\$0	\$0	\$184,890
CMAQ-S Local Funds	\$2,140,454	\$1,369,870	\$7,485,285	\$0	\$10,995,609
<b>CMAQ-S Expenditure</b>	<b>\$23,187,189</b>	<b>\$7,848,616</b>	<b>\$28,627,525</b>	<b>\$0</b>	<b>\$59,663,330</b>
<b>TOTAL FUNDING</b>	<b>\$24,903,517</b>	<b>\$9,598,616</b>	<b>\$28,627,525</b>	<b>\$0</b>	<b>\$63,129,658</b>
<b>TOTAL EXPENDITURE</b>	<b>\$24,903,517</b>	<b>\$9,598,616</b>	<b>\$28,627,525</b>	<b>\$0</b>	<b>\$63,129,658</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

TIP #	CMAQ-2015-05	TDOT PIN #	122625.00	Horizon Year	NA	County	Shelby
Lead Agency	SCHD	Length	NA	RTP #	NA	Conformity	Exempt
Project Name	Memphis Area Rideshare Program					Total Cost	\$2,510,240
Termini/ Intersection	NA						

**Project Description** This program will provide funds to continue the Memphis Area Rideshare Program (vanpooling and carpooling).

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2017	OPERATIONS	CMAQ-S	\$537,060	\$537,060		
\$537,060		2018	OPERATIONS	CMAQ-S	\$537,060	\$537,060		
		2019	OPERATIONS	CMAQ-S	\$1,436,120	\$1,436,120		

**Project Notes** This project is being funded through TDOT with an August 2015 CMAQ grant.

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Project Phase	PE-N		PE-D		ROW		CONST

Revision History	
Amendments	Amendment 5: 11/15/18
Adjustments	

TIP #  TDOT PIN #  Horizon Year  County

Lead Agency  Length  RTP #  Conformity

Project Name  Total Cost

Termini/ Intersection

Project Description

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2017	OPERATIONS	CMAQ-S	\$537,060	\$537,060		
\$537,060		2018	OPERATIONS	CMAQ-S	\$537,060	\$537,060		

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Obligation History							
Project Phase	PE-N		PE-D		ROW		CONST

Revision History	
Amendments	Adjustments

TIP #	<b>CMAQ-2017-04</b>	TDOT PIN #		Horizon Year	NA	County	Shelby
Lead Agency	UTK	Length	NA	RTP #	NA	Conformity	Exempt
Project Name	Greener Premier Taxis and Buses in Memphis					Total Cost	\$211,534
Termini/ Intersection	NA						

**Project Description**  
 This project will include conversion to alternative fuel for vans, incremental cost difference between propane and conventionally fueled buses, and propane fueling system for shuttle.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2019	PURCHASE	CMAQ-S	\$211,534	\$102,622		\$108,912

**Project Notes**  
 This project is being funded through TDOT with a December 2016 CMAQ grant. Project scope change has been reviewed by TDOT's Local Programs Development Office and Long Range Planning Division and received concurrence. The University of Tennessee, Knoxville and the East Tennessee Clean Fuels Coalitions will coordinate the project with Premier Transportation Services.

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## New TIP Page: Amendment 5

ETC Item #0vi

Amended 11.15.2018

TIP #	CMAQ-2019-01	TDOT PIN #		Horizon Year	NA	County	Shelby
Lead Agency	MATA	Length	NA	RTP #	NA	Conformity	Non-Exempt
Project Name	Fixed-Route Bus Electrification and Aerotropolis Shuttle Service					Total Cost	\$6,000,000

**Termini/ Intersection**  
Airways Transit Center to American Way Transit Center

**Project Description**  
New Transit Service for an Aerotropolis Shuttle, which will serve the Memphis Aerotropolis/Memphis International Airport area.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2019	PE-N/PE-D/ROW/CONST	CMAQ-S	\$6,000,000	\$4,800,000		\$1,200,000

**Project Notes**  
This project is being funded through TDOT with a 2017 CMAQ grant.

Obligation History							
Project Phase	PE-N		PE-D		ROW		CONST

Revision History	
Amendments	Amendment 5: 11/15/18
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# SECTION F TRANSIT PROJECTS

## Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
5307 Federal Funds	\$14,392,000	\$14,392,000	\$14,392,000	\$14,392,000	\$57,568,000
5307 State Funds	\$1,799,000	\$1,799,000	\$1,799,000	\$1,799,000	\$7,196,000
5307 Local Funds	\$1,799,000	\$1,799,000	\$1,799,000	\$1,799,000	\$7,196,000
<b>Total 5307</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$71,960,000</b>
5309 Federal Funds	\$0	\$0	\$3,600,000	\$27,984,000	\$31,584,000
5309 State Funds	\$0	\$0	\$450,000	\$3,498,000	\$3,948,000
5309 Local Funds	\$0	\$0	\$450,000	\$3,498,000	\$3,948,000
<b>Total 5309</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,500,000</b>	<b>\$34,980,000</b>	<b>\$39,480,000</b>
5310 Federal Funds (TN)	\$25,000	\$1,475,000	\$1,050,000	\$1,050,000	\$3,600,000
5310 State Funds (TN)	\$0	\$293,750	\$240,625	\$240,625	\$775,000
5310 Local Funds (TN)	\$0	\$293,750	\$240,625	\$240,625	\$775,000
<b>Total TN 5310</b>	<b>\$25,000</b>	<b>\$2,062,500</b>	<b>\$1,531,250</b>	<b>\$1,531,250</b>	<b>\$5,150,000</b>
5310 Federal Funds (MS)	\$104,804	\$106,725	\$108,859	\$111,036	\$431,424
5310 State Funds (MS)	\$0	\$0	\$0	\$0	\$0
5310 Local Funds (MS)	\$61,561	\$62,701	\$63,955	\$65,234	\$253,451
<b>Total MS 5310</b>	<b>\$166,365</b>	<b>\$169,426</b>	<b>\$172,814</b>	<b>\$176,270</b>	<b>\$684,875</b>
5337 Federal Funds	\$2,160,000	\$1,760,000	\$1,760,000	\$1,760,000	\$7,440,000
5337 State Funds	\$270,000	\$220,000	\$220,000	\$220,000	\$930,000
5337 Local Funds	\$270,000	\$220,000	\$220,000	\$220,000	\$930,000
<b>Total 5337</b>	<b>\$2,700,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$9,300,000</b>
5339 Federal Funds	\$10,940,000	\$9,580,000	\$13,580,000	\$41,580,000	\$75,680,000
5339 State Funds	\$282,500	\$147,500	\$147,500	\$147,500	\$725,000
5339 Local Funds	\$2,452,500	\$2,247,500	\$3,247,500	\$10,247,500	\$18,195,000
<b>Total 5339</b>	<b>\$13,675,000</b>	<b>\$11,975,000</b>	<b>\$16,975,000</b>	<b>\$51,975,000</b>	<b>\$94,600,000</b>
5339(b) Federal Funds	\$0	\$1,354,235	\$0	\$0	\$1,354,235
5339(b) State Funds	\$0	\$643,817	\$0	\$0	\$643,817
5339(b) Local Funds	\$0	\$222,005	\$0	\$0	\$222,005
<b>Total 5339(b) Funds</b>	<b>\$0</b>	<b>\$2,220,057</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,220,057</b>
CMAQ-S Federal Funds	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
CMAQ-S Local Funds	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
<b>Total CMAQ-S</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$500,000</b>
STBG Federal Funds (MPO)	\$0	\$0	\$4,800,000	\$0	\$4,800,000
STBG Local Funds	\$0	\$0	\$1,200,000	\$0	\$1,200,000
<b>Total STBG</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$6,000,000</b>
<b>TOTAL FUNDING</b>	<b>\$34,681,365</b>	<b>\$36,741,983</b>	<b>\$49,494,064</b>	<b>\$108,977,520</b>	<b>\$229,894,932</b>
<b>TOTAL EXPENDITURE</b>	<b>\$34,681,365</b>	<b>\$36,741,983</b>	<b>\$49,494,064</b>	<b>\$108,977,520</b>	<b>\$229,894,932</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# SECTION F TRANSIT PROJECTS

## Funding & Expenditures Fiscal Years 2017 - 2020

Funding Sources	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Total
5307 Federal Funds	\$14,392,000	\$14,392,000	\$14,392,000	\$14,392,000	\$57,568,000
5307 State Funds	\$1,799,000	\$1,799,000	\$1,799,000	\$1,799,000	\$7,196,000
5307 Local Funds	\$1,799,000	\$1,799,000	\$1,799,000	\$1,799,000	\$7,196,000
<b>Total 5307</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$17,990,000</b>	<b>\$71,960,000</b>
5309 Federal Funds	\$0	\$1,600,000	\$2,000,000	\$27,984,000	\$31,584,000
5309 State Funds	\$0	\$200,000	\$250,000	\$3,498,000	\$3,948,000
5309 Local Funds	\$0	\$200,000	\$250,000	\$3,498,000	\$3,948,000
<b>Total 5309</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$2,500,000</b>	<b>\$34,980,000</b>	<b>\$39,480,000</b>
5310 Federal Funds (TN)	\$25,000	\$1,475,000	\$1,050,000	\$1,050,000	\$3,600,000
5310 State Funds (TN)	\$0	\$293,750	\$240,625	\$240,625	\$775,000
5310 Local Funds (TN)	\$0	\$293,750	\$240,625	\$240,625	\$775,000
<b>Total TN 5310</b>	<b>\$25,000</b>	<b>\$2,062,500</b>	<b>\$1,531,250</b>	<b>\$1,531,250</b>	<b>\$5,150,000</b>
5310 Federal Funds (MS)	\$104,804	\$106,725	\$108,859	\$111,036	\$431,424
5310 State Funds (MS)	\$0	\$0	\$0	\$0	\$0
5310 Local Funds (MS)	\$61,561	\$62,701	\$63,955	\$65,234	\$253,451
<b>Total MS 5310</b>	<b>\$166,365</b>	<b>\$169,426</b>	<b>\$172,814</b>	<b>\$176,270</b>	<b>\$684,875</b>
5337 Federal Funds	\$2,160,000	\$1,760,000	\$1,760,000	\$1,760,000	\$7,440,000
5337 State Funds	\$270,000	\$220,000	\$220,000	\$220,000	\$930,000
5337 Local Funds	\$270,000	\$220,000	\$220,000	\$220,000	\$930,000
<b>Total 5337</b>	<b>\$2,700,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$9,300,000</b>
5339 Federal Funds	\$10,940,000	\$9,580,000	\$13,580,000	\$41,580,000	\$75,680,000
5339 State Funds	\$282,500	\$147,500	\$147,500	\$147,500	\$725,000
5339 Local Funds	\$2,452,500	\$2,247,500	\$3,247,500	\$10,247,500	\$18,195,000
<b>Total 5339</b>	<b>\$13,675,000</b>	<b>\$11,975,000</b>	<b>\$16,975,000</b>	<b>\$51,975,000</b>	<b>\$94,600,000</b>
5339(b) Federal Funds	\$0	\$1,354,235	\$0	\$0	\$1,354,235
5339(b) State Funds	\$0	\$643,817	\$0	\$0	\$643,817
5339(b) Local Funds	\$0	\$222,005	\$0	\$0	\$222,005
<b>Total 5339(b) Funds</b>	<b>\$0</b>	<b>\$2,220,057</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,220,057</b>
CMAQ-S Federal Funds	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
CMAQ-S Local Funds	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
<b>Total CMAQ-S</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$500,000</b>
<b>TOTAL FUNDING</b>	<b>\$34,681,365</b>	<b>\$38,741,983</b>	<b>\$41,494,064</b>	<b>\$108,977,520</b>	<b>\$223,894,932</b>
<b>TOTAL EXPENDITURE</b>	<b>\$34,681,365</b>	<b>\$38,741,983</b>	<b>\$41,494,064</b>	<b>\$108,977,520</b>	<b>\$223,894,932</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## New TIP Page: Amendment 5

ETC Item #8.vii

Amended 11.15.2018

TIP #	5309-2017-01	TDOT PIN #	NA	Horizon Year	2025	County	Shelby
Lead Agency	MATA	Length	8.0 miles	RTP #	314	Conformity	Non-Exempt
Project Name	Memphis Innovation Corridor					Total Cost	\$45,480,000

**Termini/ Intersection**  
 From CBD along Union Avenue and Poplar Avenue to intersection of Poplar Avenue and Goodlett

**Project Description**  
 Development of a multimodal corridor linking the CBD to the University of Memphis providing enhanced safety, smart city technology, and green infrastructure. A main component is the implementation of BRT service, which will include new buses, traffic signal priority, enhanced safety locations, and super stops.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2019	PE-N/ PE-D	5309	\$4,500,000	\$3,600,000	\$450,000	\$450,000
		2019	PE-N/ PE-D	STBG	\$6,000,000	\$4,800,000		\$1,200,000
		2020	CONST	5309	\$34,980,000	\$27,984,000	\$3,498,000	\$3,498,000

**Project Notes**

Obligation History							
Project Phase	PE-N		PE-D		ROW		CONST

Revision History	
<b>Amendments</b>	Amendment 5: 11/15/18
<b>Adjustments</b>	Adjustment 13: 12/08/17

TIP #	5309-2017-01	TDOT PIN #	NA	Horizon Year	2020	County	Shelby
Lead Agency	MATA	Length	NA	RTP #	314	Conformity	Non-Exempt
Project Name	Midtown Area Connection Alternative 11 - Union Avenue and Poplar Avenue Corridor					Total Cost	\$39,480,000

**Termini/ Intersection**  
From CBD along Union Avenue and Poplar Avenue to intersection of Poplar Avenue and Goodlett

**Project Description**  
Implementation of a high capacity transit route along Union and Poplar Avenue, which will include new buses, traffic signal priority, enhance station locations, and super stops. This route is being advanced as the Locally Preferred Alternative (Alternative 11) resulting from the Midtown Alternatives Analysis study.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2018	PE-N/ PE-D	5309	\$2,000,000	\$1,600,000	\$200,000	\$200,000
		2019	PE-N/ PE-D	5309	\$2,500,000	\$2,000,000	\$250,000	\$250,000
		2020	CONST	5309	\$34,980,000	\$27,984,000	\$3,498,000	\$3,498,000

**Project Notes**

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Project Phase	PE-N		PE-D		ROW		CONST

Revision History	
Amendments	
Adjustments	Adjustment 13: 12/08/17