Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

Strengthening Regional Transportation

Memphis Urban Area Metropolitan Planning Organization (MPO)
Engineering and Technical Committee
Thursday, February 24, 2022 11:00 AM
Holiday Inn University of Memphis – Tennessee Ballroom
3700 Central Avenue, Memphis, TN 38111

***Note**: Please fill out a comment card and return it to an MPO staff member located at the Sign-In Table to be given the opportunity to speak on any of the agenda items. Comment cards must be returned 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 November 18, 2021 Minutes** ⇐ ACTION

3) **Memphis MPO's Administrator's Report**
   - **a)** 2022 Memphis MPO Calendar – Update
   - **b)** FY 2023-26 Transportation Improvement Program (TIP) – Update
   - **c)** Federal Highway Administration (FHWA) – Update
   - **d)** New MPO Staff Announcement – Ms. Clarke Shupe-Diggs

4) **Tennessee Department of Transportation (TDOT)** ⇐ UPDATE

5) **MOVING TOGETHER: 2050 Regional Transportation Plan (RTP)**

   - **a) Goals & Objectives** ⇐ PRESENTATION
   - **b) Socio-Demographic Data** ⇐ PRESENTATION + ACTION

6) **FY 2020-23 Transportation Improvement Program (TIP) Amendments & Air Quality Short Conformity Determination Report for DeSoto County, MS** ⇐ ACTION

<u>Congestion Mitigation & Air Quality (CMAQ) Amendments</u>
***Note:** The Interagency Consultation (IAC) Group has reviewed and concurs with the Air Quality Exempt Packet associated with the following TIP amendments.*

i. **TIP Amendment CMAQ-2022-01: Brother Boulevard Coordinated Signal System**
The City of Bartlett is requesting to amend the FY 2020-23 TIP by adding the Brother Boulevard Coordinated Signal System project. The project was recently awarded a 2021 TDOT CMAQ grant for $868,000 in federal CMAQ funds, with a $32,000 local match.

ii. **TIP Amendment CMAQ-2022-02: Byhalia Road Coordinated Signal System**
The Town of Collierville is requesting to amend the FY 2020-23 TIP by adding the Byhalia Road Coordinated Signal System project. The project was recently awarded a 2021 TDOT CMAQ grant for $901,190 in federal CMAQ funds, with a $15,000 local match.

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iii. TIP Amendment CMAQ-2022-03: FMLM Connections for Downtown Employee/Student Transit Project
The Downtown Memphis Commission is requesting to amend the FY 2020-23 TIP by adding the FMLM Connections for Downtown Employee/Student Transit Project. The project was recently awarded a 2021 TDOT CMAQ grant for $350,000 in federal CMAQ funds, with a $350,000 local match.

iv. TIP Amendment CMAQ-2022-04: eBike Operations and Assistance
Explore Bike Share is requesting to amend the FY 2020-23 TIP by adding the eBike Operations and Assistance project. The project was recently awarded a 2021 TDOT CMAQ grant for $4,181,220 in federal CMAQ funds, with a $1,045,305 local match.

v. TIP Amendment CMAQ-2022-05: Southwest Memphis On-Demand Transit
The Memphis Area Transit Authority is requesting to amend the FY 2020-23 TIP by adding the Southwest Memphis On-Demand Transit project. The project was recently awarded a 2021 TDOT CMAQ grant for $240,000 in federal CMAQ funds, with a $60,000 local match.

vi. TIP Amendment CMAQ-2022-06: Memphis Area Rideshare Program
The Shelby County Health Department is requesting to amend the FY 2020-23 TIP by adding the Memphis Area Rideshare Program. The project was recently awarded a 2021 TDOT CMAQ grant for $1,735,446 in federal CMAQ funds, with no local match.

vii. TIP Amendment CMAQ-2022-07: Elvis Presley Boulevard Pedestrian Access Project
The Tennessee Department of Transportation is requesting to amend the FY 2020-23 TIP by adding the Elvis Presley Boulevard Pedestrian Access project. The project was recently awarded a 2021 TDOT CMAQ grant for $3,153,120 in federal CMAQ funds, with a $788,280 state match.

viii. TIP Amendment CMAQ-2022-08: SR-3/US-51 ITS Expansion
The Tennessee Department of Transportation is requesting to amend the FY 2020-23 TIP by adding the SR-3/US-51 ITS Expansion project. The project was recently awarded a 2021 TDOT CMAQ grant for $3,198,600 in federal CMAQ funds, with a $84,000 state match.

Local Mississippi Road Amendment

Note: *The Interagency Consultation (IAC) Group has reviewed and concurs with the Air Quality Short Conformity Determination Report for DeSoto County, Mississippi associated with the following TIP amendment.*

ix. TIP Amendment MS-NHS-2008-02: Star Landing Road (Segment 2)
DeSoto County is requesting to amend the FY 2020-23 TIP by adding the Star Landing Road (Segment 2) project. The amendment will apply $1,062,240 in federal EARMARK funds, with a $265,560 local match, towards the Right-of-Way phase of the project.

7) **Open Grant/Funding Opportunities**

a) Rebuilding American Infrastructure Sustainably and Equitably (RAISE) Grant Program

- **Sponsoring Organization** – U.S. Department of Transportation (USDOT)
- **Application Deadline** – April 14, 2022
- **Summary -** The USDOT has published a Notice of Funding Opportunity for $1.5 billion in grant funding through the RAISE discretionary grant program.
- **Funding Available** – $1.5 billion, $25 million (max) per project

- **Application and Eligibility Website**: https://www.transportation.gov/RAISEgrants/raise-nofo

b) Enhanced Air Quality Monitoring for Communities

- **Sponsoring Organization –** EPA
- **Application Deadline –** March 25, 2022
- **Summary -** The Environmental Protection Agency (EPA) will make $20 million in American Rescue Plan (ARP) funding available through competitive grants to enhance ambient air quality monitoring in and near underserved communities across the United States.
- **Funding Available -** EPA anticipates awarding approximately 20-30 assistance agreements (cooperative agreements or grants) ranging in value from $25,000 to $100,000 ("Small Grants") and 30-40 assistance agreements ranging in value from $100,001 to $500,000 ("Large Grants").
- **Application:** All initial proposals/applications submitted for EPA assistance agreement awards must be submitted using Grants.gov. Applicants may email questions to AirMonitoring@epa.gov and access additional eligibility information at https://www.epa.gov/arp/enhanced-air-quality-monitoring-funding-under-arp

c) 2022 AARP Community Challenge

- **Sponsoring Organization –** AARP
- **Application Deadline –** March 22, 2022
- **Summary -** The AARP community Challenge provides small grants to fund quick-action projects that can help communities become more livable for people of all ages. This year, applications will be accepted for projects to improve public spaces, housing, transportation and civic engagements; support diversity, equity, and inclusion, build engagement for programs under new federal laws; and pursue innovative ideas that support people age 50 and older.
- **Funding Available –** Grants range from several hundred dollars for smaller, short-term activities to tens of thousands of dollars for larger projects. The average grant amount is $11,500 and 76% of grants have been under $15,000. The largest grant ever awarded by the AARP Community Challenge was $50,000.
- **Application and Eligibility Website:** https://aarpcommunitychallenge.secure-platform.com/a

8) **Other Business**

a) Next Scheduled ETC Meeting: May 19, 2022, 11:00 am, location: TBD (closer to meeting date)

9) **Adjourn**

Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

Strengthening Regional Transportation

Memphis Urban Area Metropolitan Planning Organization (MPO)
Engineering and Technical Committee

Thursday, November 18, 2021 11:00 AM

Holiday Inn University of Memphis – Tennessee Ballroom
3700 Central Avenue, Memphis, TN 38111

SUMMARY OF MINUTES

Ms. Pragati Srivastava called the meeting to order at 11:05 AM. In addition to Ms. Srivastava, the following voting members were present:

Gary Scruggs	*TDOT*	Randall Tatum	*Memphis*
Perry Brown	*MDOT*	CheeYen Chew	*Memphis*
Darren Sanders	*Shelby County*	Ed Courton	*Oakland*
John Modzelewski	*Shelby County*	Harvey Matheny	*Piperton*
Steve Hill	*Arlington*	Bennie Hopkins	*DeSoto County*
Rick McClanahan	*Bartlett*	Mayor Chip Johnson	*Hernando*
Frank McPhail	*Collierville*	Andy Swims	*Olive Branch*
Andy Sanders	*Germantown*	Jamie Jones	*Southaven*
Emily Harrell	*Lakeland*	John Lancaster	*MATA*
Jason Dixon	*Millington*	James Hay	*MSCAA*

The following Ex-officio members were present:

Amanda Hicks	*West Memphis MPO*

The following Interested Individuals were present:

Antoine Hawkins	*TDOT*	Kamillah Kelly	*MAAG*
Ashley Owens	*TDOT*	James Collins	*Kimley-Horn*
Brian Copeland	*MDOT*	Kenneth Monroe	*Kimley-Horn*
Kendra Cobbs	*Hernando*	Douglas Swett	*Kimley-Horn*
B. J. Page	*Hernando*	Peter Kauffmann	*Barge Design*
Sonja Owens	*SCHD*	Patrick Neal	*Pickering*
Lasonya Hall	*Shelby County*	Ben Ledsinger	*SSR*

The following MPO Staff members were present:

Sajid Hossain	Nick Warren	Jasmine Champion
Kate Horton	Mavrick Fitzgerald	Ethan Greene

A quorum was present.

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1) **Call to Order @ 11:05 AM**

Ms. Pragati Srivastava called the meeting to order at 11:05 AM.

2) **Approval of August 19, 2021 Minutes**

Mr. James Hay moved to approve the minutes as presented; Mr. Ed Courton 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) FY 2021 Annual Listing of Obligated Projects (ALOP)
b) Infrastructure Investment & Jobs Act (IIJA)

NO DISCUSSION/ QUESTIONS

4) **2022 Memphis MPO Calendar**

Ms. Srivastava provided an overview on the 2022 Memphis MPO calendar.

Mr. Rick McClanahan moved to approve the 2022 Memphis MPO Calendar as presented; Mr. Steve Hill seconded the motion and the motion carried without dissent.

NO DISCUSSION/ QUESTIONS

5) **Safety Performance Measure (PM1) Targets (TN & MS)**

Mr. Mavrick Fitzgerald gave a presentation on the Safety Performance Measure Targets for TN and MS.

Mr. John Modzelewski moved to approve the Safety Performance Measure Targets for TN and MS as presented; Mr. Randall Tatum seconded the motion and the motion carried without dissent.

NO DISCUSSION/ QUESTIONS

6) **FY 2023-26 Transportation Improvement Program (TIP) Criteria Approval**

Mr. Nick Warren gave a presentation on the FY 2023-26 TIP Criteria.

Mr. Darren Sanders moved to approve the FY 2023-26 TIP Criteria as presented; Mr. Bennie Hopkins seconded the motion and the motion carried without dissent.

DISCUSSION/ QUESTIONS

Mr. Darren Sanders asked if the public meeting requirement applied to current projects. Mr. Nick Warren responded that it would apply to both current and new projects.

7) **FY 2020-23 Transportation Improvement Program (TIP) Amendment & Short Air Quality Conformity Demonstration Report for Shelby County, TN**

Ms. Srivastava provided an overview of the FY 2020-23 Transportation Improvement Program (TIP) Amendment & associated Short Air Quality Conformity Demonstration Report for Shelby County, TN.

Mr. James Hay moved to approve the TIP amendment and associated Short Air Quality Conformity Demonstration Report for Shelby County as presented; Mr. Darren Sanders seconded the motion and the motion carried without dissent.

NO DISCUSSION/ QUESTIONS

8) **Open Grant/Funding Opportunities**

Current grant and funding opportunities, which may be of interest to the ETC, were provided in the agenda and will be included in future agenda(s), as well as distributed via email.

NO DISCUSSION/ QUESTIONS

9) **Tennessee Department of Transportation (TDOT) Update**

Mr. Antoine Hawkins gave an update on TDOT's Urban Transportation Planning Grant, the release of TDOT's Highway System Access Manual (3 Volumes: Planning, Intersection Interchange Evaluation, and Geometric Design Criteria), and TDOT's ability to grant permits for the installation of surveillance cameras in the right-of-way for non-transportation use.

NO DISCUSSION/ QUESTIONS

10) **Other Business**

Next Scheduled ETC Meeting: February 24, 2022, 11:00 am, Location: TBD (closer to meeting date)

Mr. James Hay moved to adjourn; Mr. Bennie Hopkins seconded the motion, and the meeting was adjourned at 11:35 AM.

***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.*

ETC Item 3a

Memphis Urban Area Metropolitan Planning Organization (MPO) 2022 Meeting Calendar

January

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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February

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27	28					

March

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April

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May

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29	30	31				

June

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26	27	28	29	30		

July

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24	25	26	27	28	29	30
31						

August

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28	29	30	31			

September

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October

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30	31					

November

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20	21	22	23	24	25	26
27	28	29	30			

December

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

Engineering Technical Committee (ETC) - 11:00am

TIP Amendment Request Deadline

Transportation Policy Board (TPB) - 1:30pm

Holiday

Meeting Location & Time*: Meet location will be sent out closer to scheduled date.

**Meeting dates are subject to cancellation or modification, please be sure to visit the MPO's Calendar for the latest information.*

ETC Item 5a

Goals & Objectives

MOVING TOGETHER
2050 REGIONAL TRANSPORTATION PLAN

Emphasize the preservation of the existing transportation system	
Goal-1	***Maintain existing transportation assets and infrastructure***
A	Maintain existing assets as a priority, before system expansion is considered
B	Prioritize strategies to better manage travel demand on existing infrastructure before adding new infrastructure
C	Promote construction/maintenance techniques, materials, and practices that minimize maintenance needs over the plan horizon
Increase the safety & security of the transportation system for motorized and non-motorized users	
Goal-2	***Increase the safety and security of the transportation system for all users***
A	Support projects that address an existing, identified safety or security need
B	Support projects, programs, and policies that advance safe and secure travel for all users over the plan horizon
C	Support coordination among local and state stakeholders to improve traffic regulations, transportation safety education, and emergency response
D	Support projects that are located on, intersects with, or improves access to a STRAHNET Corridors
Enhance the integration and connectivity of the transportation system - across and between modes - for people and freight	
Goal-3	***Support a fully integrated multimodal network while advancing the development of complete streets***
A	Support complete streets implementation
B	Support bicycle, pedestrian, and transit improvements concurrently with roadway improvements
C	Support the long-range transit needs for the region.
Increase accessibility and mobility options available to people and for freight	
Goal-4	***Improve multimodal access to residential, community, and employment resources***
A	Improve bicycle and pedestrian access to employment, educational, health, and recreational opportunities
B	Continue coordination between transit and transportation providers to reach both unserved regional employment markets and rural areas
C	Advance strategies to support last mile connections for key employment origins and destinations
Protect and enhance the environment, promote energy conservation, improve the quality of life and promote consistency between transportation improvements and State and local planned growth and economic development patterns	
Goal-5	***Advance corridor and community redevelopment opportunities to improve economic development, public health, and quality of life***
A	Encourage access management planning and design to maintain minimum level of service (on regional livability & mobility corridors)
B	Encourage context-sensitive solutions derived from integrated transportation/land use planning efforts
C	Continued coordination to plan for a sustainable infrastructure system which promotes alternative fuels resulting in air quality benefits

ETC Item 5a

Goals & Objectives

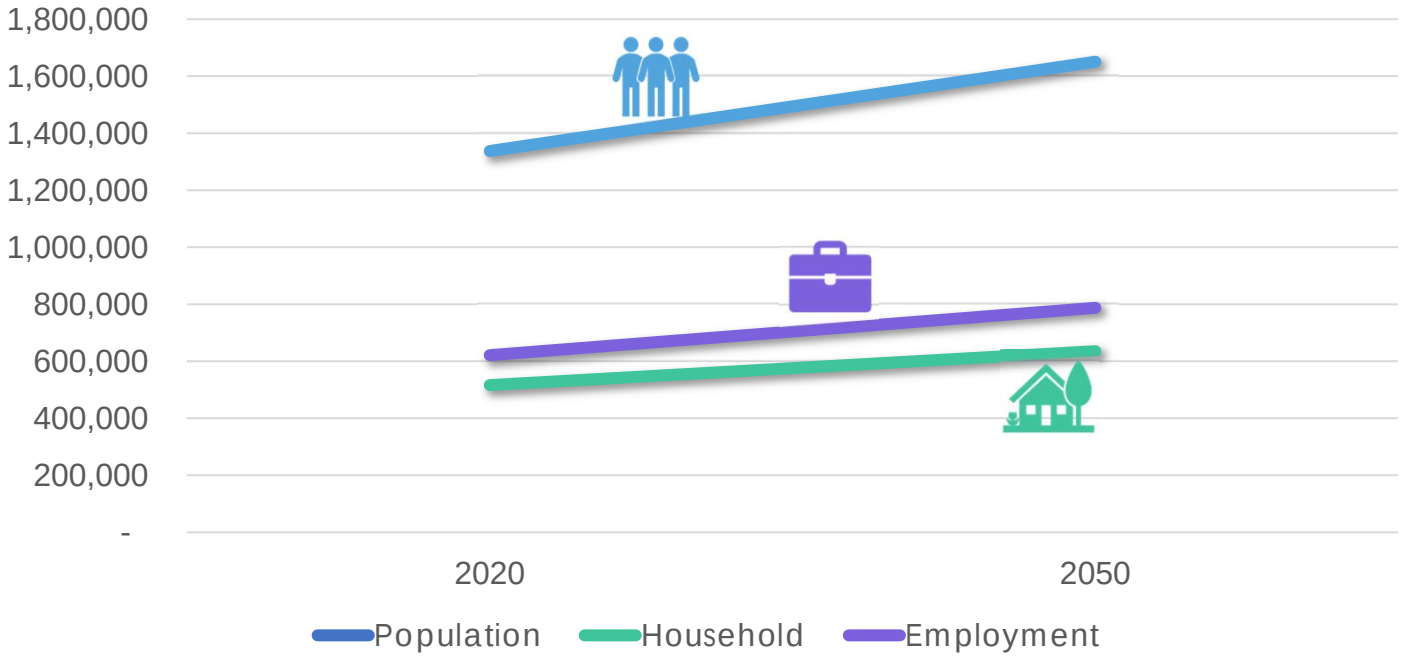
MOVING TOGETHER
2050 REGIONAL TRANSPORTATION PLAN

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency	
Goal-6	***Ensure the region is well positioned to remain a leader in global logistics and freight movement***
A	Reduce truck delay on critical freight corridors and within key freight hubs
B	Reduce intermodal conflict and delay
C	Continue investments in the transportation system to enhance economic competitiveness, and to expand access to regional, national, and global markets
Promote efficient system management and operation, including planning for operations	
Goal-7	***Reduce travel delay for people and goods***
A	Address critical highway bottlenecks as a priority
B	Focus capacity investment on corridor connections to regional employment centers
C	Improve system operations through technology applications
D	Prepare for technological advances that will efficiently and dynamically manage
Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	
Goal-8	***Minimize adverse impacts of transportation investment on the (social, natural, historic) environment***
A	Preserve and protect natural resources
B	Provide multimodal, active transportation options that reduce vehicle miles travelled and air pollution and improve public health
C	Design the transportation network in a way that protects air and water quality, manages storm water runoff and preserves green space
D	Ensure transportation improvements provide equitable benefits across the region
E	Consider strategies and opportunities to advance and integrate planning and environmental linkages early on in the planning process
Enhance travel and tourism	
Goal-9	***Enhance travel and tourism***
A	Include the economic development benefits associated with travel and tourism when prioritizing transportation projects
B	Support projects that enhance access to recreation and tourism locations

ETC Item 5b

Socio-Demographic

MOVING TOGETHER
2050 REGIONAL TRANSPORTATION PLAN



Population Forecast +313,000 people

Households Forecast +118,000 households

Employment Forecast +166,000 jobs

	Population		Households		Employment	
	2020	2050	2020	2050	2020	2050
Crittenden, AR	48,163	67,000	18,885	26,350	16,929	19,472
DeSoto, MS	185,314	358,800	67,404	130,817	64,690	127,980
Marshall, MS	33,752	45,800	12,631	17,425	8,890	11,810
Tate, MS	28,064	40,000	10,201	14,754	6,051	7,201
Tunica, MS	9,782	14,400	3,817	5,636	7,396	7,540
Fayette, TN	41,990	51,500	16,625	20,438	8,698	17,800
Shelby, TN	929,744	1,006,200	364,625	395,067	496,411	579,381
Tipton, TN	60,970	67,400	22,563	24,977	12,144	16,660
Total	**1,337,779**	**1,651,100**	**516,751**	**635,464**	**621,209**	**787,844**

Source: *Various – U.S. Census Bureau, UT Boyd Center, Infogroup, U.S. Bureau of Economic Analysis, U.S. Bureau of Labor Statistics, TDOT Projections, MDOT Projections, West Memphis MPO RTP, & Woods & Poole*

CONGESTION MITIGATION & AIR QUALITY PROJECTS SUMMARY FINANCIAL SHEET

Revenue & Expenditures Fiscal Years 2020 - 2023

Funding Sources	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Total
CMAQ Federal Funds	$24,423,662	$17,652,134	$14,627,576	$0	$56,703,372
CMAQ Local Funds	$5,454,489	$4,313,334	$1,502,305	$0	$11,270,128
CMAQ Expenditure	**$29,878,151**	**$21,965,468**	**$16,129,881**	**$0**	**$67,973,500**
STBG Federal Funds	$79,489	$0	$0	$0	$79,489
STBG Local Funds	$35,000	$0	$0	$0	$35,000
STBG Expenditure	**$114,489**	**$0**	**$0**	**$0**	**$114,489**
TOTAL REVENUE	**$29,992,640**	**$21,965,468**	**$16,129,881**	**$0**	**$68,087,989**
TOTAL EXPENDITURE	**$29,992,640**	**$21,965,468**	**$16,129,881**	**$0**	**$68,087,989**
BALANCE	**$0**	**$0**	**$0**	**$0**	**$0**

CONGESTION MITIGATION & AIR QUALITY PROJECTS SUMMARY FINANCIAL SHEET

Revenue & Expenditures Fiscal Years 2020 - 2023

Funding Sources	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Total
CMAQ Federal Funds	$24,423,662	$17,652,134	$0	$0	$42,075,796
CMAQ Local Funds	$5,454,489	$4,313,334	$0	$0	$9,767,823
CMAQ Expenditure	**$29,878,151**	**$21,965,468**	**$0**	**$0**	**$51,843,619**
STBG Federal Funds	$79,489	$0	$0	$0	$79,489
STBG Local Funds	$35,000	$0	$0	$0	$35,000
STBG Expenditure	**$114,489**	**$0**	**$0**	**$0**	**$114,489**
TOTAL REVENUE	**$29,992,640**	**$21,965,468**	**$0**	**$0**	**$51,958,108**
TOTAL EXPENDITURE	**$29,992,640**	**$21,965,468**	**$0**	**$0**	**$51,958,108**
BALANCE	**$0**	**$0**	**$0**	**$0**	**$0**

New TIP Page: Amendment 07

ETC Item 6i-viii

Amended 02.24.2022

TIP #	**CMAQ-2022-01**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	Bartlett	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$900,000

Project Name/ Route: Brother Boulevard Coordinated Signal System

Termini/ Intersection: Summer Avenue (SR-1) from Stage Road (SR-15) to Yale Road & Brother Boulevard from Yale Road to Germantown Road (SR-177)

Federal Performance Measures

Project Description: This project will expand the existing traffic signal communications network and connect two signal systems to the Bartlett Traffic Management Center (TMC), and will involve intersection/signal modifications at Yale Road and Brother Boulevard.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	PE-N/PE-D/ ROW/CONST	CMAQ	**$900,000**	$868,000		$32,000

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

TIP #	**CMAQ-2022-02**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	Collierville	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$916,190

Project Name/ Route: Byhalia Road Coordinated Signal System

Termini/ Intersection: Byhalia Road from Poplar Avenue to Shelby Drive & Shelby Drive from Byhalia Road to Sycamore Road

Federal Performance Measures

Project Description: This project will connect to existing fiber optic cable on Poplar Avenue and extend a new fiber distribution cable along Byhalia Road to Shelby Drive and east along Shelby Drive to Sycamore Road to provide connections for all of the existing and proposed traffic signals along the corridor. This project will also install ITS equipment at the signalized intersections along the corridor.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	PE-N/PE-D/ ROW/CONST	CMAQ	**$916,190**	$901,190		$15,000

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

New TIP Page: Amendment 07

ETC Item 6i-viii

Amended 02.24.2022

TIP #	**CMAQ-2022-03**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	DMC	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$700,000

Project Name/ Route: FMLM Connections for Downtown Employee/Student Transit Project

Termini/ Intersection: NA

Federal Performance Measures

Project Description: This project will continue and expand existing on-demand transit service.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	OPERATIONS	CMAQ	**$700,000**	$350,000		$350,000

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

TIP #	CMAQ-2022-04	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	Explore Bike Share	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$5,226,525

Project Name/ Route eBike Operations and Assistance

Termini/ Intersection NA

Federal Performance Measures

Project Description This program will support the e-bike share system in Memphis.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	OPERATIONS	CMAQ	**$5,226,525**	$4,181,220		$1,045,305

Project Notes This project is being funded through TDOT with a 2021 CMAQ Grant. The funds displayed on this page are for a 3-year period.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments Amendment 07: 02/24/2022

Administrative Modifications

New TIP Page: Amendment 07

ETC Item 6i-viii

Amended 02.24.2022

TIP #	**CMAQ-2022-05**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	MATA	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$300,000

Project Name/ Route: Southwest Memphis On-Demand Transit

Termini/ Intersection: NA

Federal Performance Measures

Project Description: The new on-demand service will provide public transit to southwest Memphis.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	OPERATIONS	CMAQ	**$300,000**	$240,000		$60,000

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

TIP #	CMAQ-2022-06	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	SCHD	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$1,735,446

Project Name/ Route Memphis Area Rideshare Program

Termini/ Intersection NA

Federal Performance Measures

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
		2022	OPERATIONS	CMAQ	**$1,735,446**	$1,735,446		

Project Notes This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments Amendment 07: 02/24/2022

Administrative Modifications

New TIP Page: Amendment 07

ETC Item 6i-viii

Amended 02.24.2022

TIP #	**CMAQ-2022-07**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	TDOT	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$3,941,400

Project Name/ Route: Elvis Presley Boulevard Pedestrian Access Project

Termini/ Intersection: East Mallory Avenue to East Alcy Road

Federal Performance Measures

Project Description: This project will include sidewalks, mid-block pedestrian crossings, and transit related improvements along Elvis Presley Boulevard.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	PE-N/PE-D/ ROW/CONST	CMAQ	**$3,941,400**	$3,153,120	$788,280	

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

TIP #	**CMAQ-2022-08**	**TDOT PIN #**		**RTP ID**	2050 RTP Goal 6
Lead Agency	TDOT	**County**	Shelby	**Length**	NA
Horizon Year	NA	**Conformity**	Exempt	**Total Cost**	$3,282,600

Project Name/ Route: SR-3/US-51 ITS Expansion

Termini/ Intersection: A.W. Willis Avenue to Frayser Boulevard

Federal Performance Measures

Project Description: This project will upgrade 12 signals and extend fiber optic cable along Danny Thomas Boulevard (SR-3) from A.W. Willis Avenue to Frayser Boulevard. Other project components include the installation of video detection, Bluetooth detection, CCTV cameras, and CV2X devices.

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	PE-N/PE-D/ ROW/CONST	CMAQ	**$3,282,600**	$3,198,600	$84,000	

Project Notes: This project is being funded through TDOT with a 2021 CMAQ Grant.

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/2022

Administrative Modifications:

MISSISSIPPI LOCAL PROJECTS SUMMARY FINANCIAL SHEET

Revenue & Expenditures Fiscal Years 2020 - 2023

Funding Sources	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Total
Carry Over (STBG Federal)	$3,476,637	$5,228,878	$4,324,627	$387,797	$3,476,637
Annual STBG Federal Funds	$3,357,776	$3,424,932	$3,493,431	$3,563,300	$13,839,439
STBG Federal Funding	**$6,834,413**	**$8,653,810**	**$7,818,058**	**$3,951,097**	**$17,316,076**
STBG Local Funds	$339,947	$1,025,545	$916,705	$0	$2,282,197
STBG Expenditure	**$1,945,482**	**$5,354,728**	**$8,346,966**	**$1,412,064**	**$17,059,240**
TA Federal Funds	$28,171	$0	$1,003,444	$0	$1,031,615
TA Local Funds	$7,043	$0	$250,861	$0	$257,904
Total TA Expenditure	**$35,214**	**$0**	**$1,254,305**	**$0**	**$1,289,519**
HIP Federal Funds	$0	$228,069	$0	$0	$228,069
HIP Local Funds	$0	$57,017	$0	$0	$57,017
Total HIP Expenditure	**$0**	**$285,086**	**$0**	**$0**	**$285,086**
CRRSAA-HIP Federal Funds	$0	$36,802	$1,255,014	$0	$1,291,816
Total CRRSAA-HIP Expenditure	**$0**	**$36,802**	**$1,255,014**	**$0**	**$1,291,816**
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Federal Funds	$793,713	$100,000	$100,000	$100,000	$1,093,713
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL State Funds	$0	$25,000	$25,000	$25,000	$75,000
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Local Funds	$198,428	$0	$0	$0	$198,428
Total TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Expenditure	**$992,141**	**$125,000**	**$125,000**	**$125,000**	**$1,367,141**
EARMARK Federal Funds	$0	$0	$1,062,240	$0	$1,062,240
EARMARK Local Funds	$0	$0	$265,560	$0	$265,560
EARMARK Expenditure	**$0**	**$0**	**$1,327,800**	**$0**	**$1,327,800**
TOTAL REVENUE	**$8,201,715**	**$10,126,243**	**$12,696,882**	**$4,076,097**	**$25,159,635**
TOTAL EXPENDITURE	**$2,972,837**	**$5,801,616**	**$12,309,085**	**$1,537,064**	**$22,620,602**
BALANCE	**$5,228,878**	**$4,324,627**	**$387,797**	**$2,539,033**	**$2,539,033**

MISSISSIPPI LOCAL PROJECTS SUMMARY FINANCIAL SHEET

Revenue & Expenditures Fiscal Years 2020 - 2023

Funding Sources	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Total
Carry Over (STBG Federal)	$3,476,637	$5,228,878	$4,324,627	$387,797	$3,476,637
Annual STBG Federal Funds	$3,357,776	$3,424,932	$3,493,431	$3,563,300	$13,839,439
STBG Federal Funding	**$6,834,413**	**$8,653,810**	**$7,818,058**	**$3,951,097**	**$17,316,076**
STBG Local Funds	$339,947	$1,025,545	$916,705	$0	$2,282,197
STBG Expenditure	**$1,945,482**	**$5,354,728**	**$8,346,966**	**$1,412,064**	**$17,059,240**
TA Federal Funds	$28,171	$0	$1,003,444	$0	$1,031,615
TA Local Funds	$7,043	$0	$250,861	$0	$257,904
Total TA Expenditure	**$35,214**	**$0**	**$1,254,305**	**$0**	**$1,289,519**
HIP Federal Funds	$0	$228,069	$0	$0	$228,069
HIP Local Funds	$0	$57,017	$0	$0	$57,017
Total HIP Expenditure	**$0**	**$285,086**	**$0**	**$0**	**$285,086**
CRRSAA-HIP Federal Funds	$0	$36,802	$1,255,014	$0	$1,291,816
Total CRRSAA-HIP Expenditure	**$0**	**$36,802**	**$1,255,014**	**$0**	**$1,291,816**
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Federal Funds	$793,713	$100,000	$100,000	$100,000	$1,093,713
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL State Funds	$0	$25,000	$25,000	$25,000	$75,000
TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Local Funds	$198,428	$0	$0	$0	$198,428
Total TA-S/TE/STBG-S/SFP/ EARMARK/SRTS/LOCAL Expenditure	**$992,141**	**$125,000**	**$125,000**	**$125,000**	**$1,367,141**
TOTAL REVENUE	**$8,201,715**	**$10,126,243**	**$11,369,082**	**$4,076,097**	**$23,831,835**
TOTAL EXPENDITURE	**$2,972,837**	**$5,801,616**	**$10,981,285**	**$1,537,064**	**$21,292,802**
BALANCE	**$5,228,878**	**$4,324,627**	**$387,797**	**$2,539,033**	**$2,539,033**

New TIP Page: Amdendment 07 — **ETC Item 6ix** — **Amended 02.24.2022**

TIP #	MS-NHS-2008-02	**MDOT PIN #**		**RTP ID**	82
Lead Agency	DeSoto County	**County**	DeSoto	**Length**	0.67 miles
Horizon Year	2025	**Conformity**	Non-Exempt	**Total Cost**	$3,336,881

Project Name/ Route: Star Landing Road (Segment 2)

Termini/ Intersection: Illinois Central Railroad to Lacey Boulevard

Federal Performance Measures

Project Description: Widen from 2 to 4 lanes (divided).

Obligated Funds	Timely Obligation	Fiscal Year	Phase of Work	Funding Type	Total Funds	Federal Funds	State Funds	Local Funds
		2022	ROW	EARMARK	**$1,327,800**	$1,062,240		$265,560

Project Notes:

Obligation History

Project Phase	PE-N		PE-D		ROW		CONST	

Revision History

Amendments: Amendment 07: 02/24/22

Administrative Modifications: