



MPO Technical Coordinating Committee

Wednesday, June 14, 2017 @ 10:30 AM

The River Center on the third floor of the Nashville Bridge Building
2 Victory Avenue in Nashville, Tennessee 37213

1. ACTION ITEM: Approve May 3, 2016 Meeting Minutes (attachment)

2. Public Comment

3. TCC Chair's Report

- Appoint nominating committee for 2017/18 TCC Officers
- Other Comments

4. PUBLIC HEARING: Proposed Amendments to the 2016-2040 RTP (attachment)

The MPO has proposed the following amendments to the 2016-2040 Regional Transportation Plan (RTP). Amendments to the RTP must follow the same process and procedure outlined in the MPO's Public Participation Plan (PPP) for initial adoption with one exception. Public meetings are not required in each county. A 30-day public review and comment period and two public hearings are required prior to adoption by the Board.

Amendment #	TIP #	RTP #	Project Name	Sponsor	Action
2017-001	2016-14-228	NA	I-24 Interchange Modification at Hickory Hollow Parkway	Metro Nashville	Add Project to 2020 Horizon
2017-002	Pending	NA	W.A. Batson Parkway Extension (Phase 1)	City of Springfield	Add Project to 2020 Horizon
2017-003	Pending	NA	Saturn Parkway (SR-396) Extension	TDOT	Add Project to 2020 Horizon
2017-004	NA	NA	I-440 Reconstruction	TDOT	Add Project to 2020 Horizon
2017-005	Pending	NA	I-24 Conceptual Study and Improvements	TDOT	Add Project to 2020 Horizon
2017-006	Pending	NA	I-40 SmartWay Expansion	TDOT	2020 Horizon Add Project to

SCHEDULE:

- 5/3- TCC Endorsement
- 5/17 – XB Endorsement
- 5/17-6/21 – Public Review and Comment Period
- 6/14 – First Public Hearing (TCC)
- 6/21 – Second Public Hearing / Adoption (XB)

RECOMMENDATION: Hold public hearing; Endorse amendments for consideration by the board.

5. PUBLIC HEARING: Proposed Amendments to the FYs 2014-2017 TIP (attachment)

The MPO has proposed the following amendments to the *Transportation Improvement Program* (TIP). A 21-day public review and comment period and two public hearings are required prior to adoption by the Board.

Amendment #	TIP #	RTP #	Project Name	Sponsor	Action
2017-018	2017-31-031	Contingent	W.A. Batson Parkway Extension (Phase 1)	City of Springfield	Add Project (contingent on RTP amendment)
2017-019	2011-42-143	1042-131	Bradyville Pike (SR-99) Widening	City of Murfreesboro	Add Type of Work
2017-020	2017-61-032	Contingent	Saturn Parkway (SR-396) Extension	TDOT	Add Project (contingent on RTP amendment)
2017-021	2017-89-033	Consistent	South Corridor Transit Feasibility Study	RTA	Add Project
2017-022	2013-85-207	Consistent	Music City Star Passing Siding	RTA	Shift Funds
2017-023	2002-029	1052-180	Walton Ferry and Old Shackle Island Road Improvements Project	City of Hendersonville	Edit Project Limits
2017-024	2016-82-229	1032-109	SR-65/US-431 Widening	TDOT	Add Funds; Edit Project Length
2017-025	2017-110-034	Contingent	I-440 Reconstruction	TDOT	Add Project
2017-026	2017-61-035	1062-137	Mack Hatcher Parkway West Extension	TDOT	Add Project
2017-027	2009-72-035	1072-348	SR-109 Widening	TDOT	Add Project
2017-028	2017-72-036	1072-237	Hartsville Pike (SR-141) Widening	TDOT	Add Project
2017-029	2017-52-037	1685-158	Vietnam Veterans Parkway (SR-386) Transit Managed Lanes and Widening	TDOT	Add Project
2017-030	2017-62-038	1062-234	Murfreesboro Pike (SR-96) Widening (Segment 1)	TDOT	Add Project
2017-031	2017-19-039	Contingent	I-24 Conceptual Study and Improvements	TDOT	Add Project
2017-032	2017-87-040	Contingent	Nashville Area I-40 SmartWay Expansion	TDOT	Add Project

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RECOMMENDATION: Hold public hearing; Endorse amendments for consideration by the board.

6. PRESENTATION: Update on TDOT's I-65 Multi-Modal Corridor Study

Members of the study consultant team will present an update on TDOT's the I-65 Corridor Feasibility Study. This study is examining potential multimodal transportation improvements that address existing and emerging transportation issues along the 122-mile interstate corridor in Tennessee – including capacity, operations, freight, safety, multimodal options, and economic growth. The presentation will review identified corridor deficiencies, needs, and results from the initial set of proposed multimodal solutions and strategies.

7. MPO Director's Report**8. Other Business****9. Adjourn until July 5, 2017**

Agenda Item 1. May 3, 2017 Meeting Minutes

MINUTES

TECHNICAL COORDINATING COMMITTEE Of the

Nashville Area Metropolitan Planning Organization

May 3, 2017

Attendees: Ms. Kim Ark, Mr. Andy Barlow, Mr. Michael Barr, Mr. Jon Baughman, Mr. Russ Brashear, Mr. Tom Brashear, Mr. Michael Briggs, Mr. Felix Castrodad, Mr. Paul Corder, Mr. Marc Corrigan, Mr. Doug Demosi, Mr. Grant Green, Mr. Wayne Hall, Mr. Glenn Harper, Mr. Mike Harris, Mr. Reed Hillen, Mr. Joe Horne, Mr. Jim Kerr, Ms. Shontrill Lowe, Mr. Jonathan Marston, Mr. Bill McCord, Mr. Addam McCormick, Mr. Darrell Moore, Mr. Kevin Rigsby, Mr. Fred Rogers, Mr. Jonathan Russell, Ms. Sarah Sitterle, Mr. Doug Vann, Mr. Brian Vick, Ms. Christine Vitt, Mr. Matt Von Lunen

Approve April 5, 2017 Meeting Minutes

Mr. Mike Harris, Chair, opened the meeting at 10:35 a.m. Mr. Bill McCord moved to approve the April 5, 2017 meeting minutes with a few grammatical errors corrected. Mr. Matt Von Lunen seconded and the motion passed unanimously.

Public Comments

There were no public comments.

TCC Chair's Report

Mr. Harris said that the Governor's IMPROVE Act passed which will increase the gas tax to help build/maintain roads. He said that with the accompanying tax reduction on food, it is estimated that there will be a \$3.00 savings for the average family each month. He said that this is a great thing for the State.

Endorse Proposed Amendments to 2016-2040 Regional Transportation Plan

Ms. Anna Emersion, MPO staff, said that the following proposed amendments to the *2016-2040 Regional Transportation Plan (RTP)* must follow the same process and procedure outlined in the MPO's Public Participation Plan (PPP) for initial adoption with one exception

which is that public meetings are not required in each county. A 30-day public review and comment period and two public hearings are required prior to adoption by the Board.

She briefly went over each proposed amendment. A few clarifying questions were asked and answered.

Mr. Tom Brashear moved to endorse the proposed amendments for public review and comment with Mr. Jonathan Marston seconding. The motion passed unanimously.

More information is available at NashvilleMPO.org/plans_programs/tip/.

Amendment #	TIP #	RTP #	Project Name	Sponsor	Action
2017-001	2016-14-228	NA	I-24 Interchange Modification at Hickory Hollow Parkway	Metro Nashville	Add Project to 2020 Horizon
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2017-003	Pending	NA	Saturn Parkway (SR-396) Extension	TDOT	Add Project to 2020 Horizon
2017-004	N/A	N/A	I-440 Reconstruction	TDOT	Add project to 2020 Horizon
2017-005	Pending	NA	I-24 Conceptual Study and Improvements	TDOT	Add Project to 2020 Horizon
2017-006	Pending	NA	I-40 SmartWay Expansion	TDOT	Add project to 2020 Horizon

SCHEDULE:

- **5/3 – TCC Endorsement for Public Comment and Review**
- 5/17 – XB Endorsement for Public Comment and Review
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Endorse Proposed Amendments to FY 2017-2020 TIP

Ms. Emerson briefly went through the proposed amendments to the *Transportation Improvement Program* (TIP). A 21-day public review and comment period and two public hearings are required prior to adoption by the Board.

Some clarifying questions were asked and answered. Mr. Tom Brashear moved to endorse the proposed amendments (with the corrected funding numbers for Batson Parkway) for public review and comment with Mr. Joe Horne seconding. The motion passed unanimously.

More information is available at NashvilleMPO.org/plans_programs/tip/.

Amendment #	TIP #	RTP #	Project Name	Sponsor	Action
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2017-021	2017-89-033	Consistent	South Corridor Transit Feasibility Study	Nashville MTA	Add Project
2017-022	2013-85-207	Consistent	Music City Star Passing Siding	RTA	Shift Funds
2017-023	2002-029	1052-180	Walton Ferry and Old Shackle Island Road Improvements Project	City of Hendersonville	Edit Project Limits
2017-024	2016-82-229	1032-109	SR-65/US-431 Widening	TDOT	Add Funds; Edit Project Length

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Update on MPO smart Cities Activities

Mr. Peter Westerholm, MPO staff, has been participating in the Transportation for America's Smart Cities Collaborative. He said that the USDOT's competitive grant addresses how emerging transportation data, technologies, and applications can be integrated with existing systems to address transportation challenges. A smart city is one that has integrated data to better manage city services and assets. The key themes of challenges are to reduce congestion, keep travelers safe, protect the environment, respond to climate change, connect underserved communities, and support economic vitality.

He said that the Transportation for America Collaborative has brought together cities and counties from across the country to explore how technology can improve urban mobility. Nashville's Collaborative areas of focus are shared mobility as well as performance measures and data analytics. He said that there is an RFP from MTA for Shared Mobility and Mobility on Demand Solutions in progress to address first/last mile and crosstown connectivity challenges. During the summer of 2017 they will be working with Metro ITS, Metro Planning, and Vanderbilt to place sensors along corridors to measure car, transit, bike, ped traffic, as well as parking. The Collaborative will also be working with Metro Health, Downtown Partnership (Bcycle) to place GPS/air quality sensors on bicycles, vehicles, fixed locations. Also during summer 2017 performance measures for data sets gathered will be established and will grow the ITS data hub

He said that the Collaborative will continue working with partner cities sharing best practices. We will continue pilots, make data useful, find ways to scale pilot to broader use, improve service, customer experience, and pursue platforms for trip planning/seamless payment

He said that Connected Nashville: A Vision for a Smarter City wants to develop a long-term strategy designed uniquely for our community that will advance shared goals and objectives through the use of technology and data. Also, it wants to build on existing plans which will serve as a framework for implementing cross-agency, collaborative solutions to support better-connected citizens, more citizen-centric public services and better decision-making. He said that technology and data can be used to improve mobility, livability, economic development, and education.

The Nashville Area Chamber of Commerce began their Moving Forward initiative to ensure the creation of a regional transportation solution through a cohesive community effort that engages business and community leaders. This group established a subcommittee to study how AVs (autonomous vehicles) are addressed locally, state-

wide, and nationally; review policies and strategies around AVs, examine AV technology trends, and make strategy recommendations to Moving Forward.

Mr. Westerholm said that later this year the Nashville Area MPO will be issuing an RFP for a Regional ITS and Smart Cities Assessment to provide a series of recommendations on how emerging technologies can improve and optimize the efficiency of the transportation system, how these technologies can help people understand their options and make better transportation choices based on information available. He said that the focus areas will be communication infrastructure, data sharing analysis, outreach, inventory of existing ITS, technology needs in existing plans, regional integrated tech vision, funding priorities and strategies, evaluation of current architecture, and private sector collaboration.

Mr. Harris asked who the applicant for the Smart Cities Collaborative was. Mr. Westerholm said it was the City of Nashville. Mr. Darrell Moore asked for clarification of what autonomous vehicles are. Mr. Westerholm said that AVs are vehicles that can drive by themselves essentially – another name for the driverless car.

Director's Report

- **FY 18 UPWP Schedule**
Ms. Emerson said that the initial draft FY 18 UPWP has been reviewed by TDOT and the second draft is now being reviewed by FHWA/FTA. The draft will be presented at the June meetings with planned adoption in August.
- **Smart Growth America's National Complete Streets Consortium**
Ms. Rochelle Carpenter, MPO staff, said that Nashville applied with Knoxville and Chattanooga for technical assistance from the National Complete Streets Coalition on complete streets implementation and were awarded the technical assistance. She said that the exact parameters on participation are not yet known for who should participate. She said that the team from Middle Tennessee will be limited to 10 people.
- **Update on the MPO/GNRC**
Ms. Emerson said that the Joint Committee on Integration plans to present a resolution for adoption at the May 17th Executive Board meeting. That resolution will call for us to move forward with the integration process and will call upon TDOT to start the process of switching our contracts from Metro to GNRC. Joint Board committee information session for both the MPO and GNRC boards will meet on May 9th to provide the boards another opportunity to explore the materials provided by the staff and joint committee on the integration.

- Ms. Emerson reminded the members that the June TCC meeting has been moved to the 14th.

Other Business

Mr. Darrell Moore said that Jonathan Cleghon has left Metro Public Works and is now with RPM Consultants. He said that Mr. Andrew Smith will be the new TCC representative. He introduced Ms. Amanda Neighbors who also works in Public Works.

Mr. McCord said that during the 109 Corridor Study comments provided were provided which suggested that in the future amendments can be considered to address traffic operations improvements. These won't look at large-scale capacity improvements but need to look at cheaper options. He suggested that there might need to be a separate category for this in the next RTP. Ms. Emerson said that lower cost solutions are always a good idea. She asked him to put together an email to Ms. Michelle Lacewell to suggest prioritizing it for the next Plan. Mr. Jonathan Russell said that TDOT corridor management agreement for SR-109 and the MPO had some money to fund an access management study along SR-109 which is on-going. The study is a bi-product of the agreement.

With no further business, the meeting was adjourned at 11:45 a.m.

Date: _____

Mike Harris, Chair
Technical Coordinating Committee

Michelle Lacewell, Interim MPO Director
Secretary, Technical Coordinating Committee

Agenda Item 4. Proposed Amendments to 2016-2040 Regional Transportation Plan

Nashville Area MPO
2040 REGIONAL TRANSPORTATION PLAN
Summary of Proposed Amendments and Staff Analysis/ Recommendations
May 17, 2017

Metro Nashville

RTP Amendment #2017-001: I-24 E Interchange Modification at Hickory Hollow Parkway

- Description: Construct a full-access diverging diamond interchange in three phases:
 - Phase 1 – Widen the west side of Hickory Hollow Parkway and the existing bridge over I-24 and add a new exit ramp from I-24 EB and two new entry ramps at I-24 EB and WB. Lengthening of the acceleration lane for the EB entry ramp and for the deceleration lane for WB exit ramp to Hickory Hollow will also be built.
 - Phase 2 – Widen the east side of Hickory Hollow Parkway and the existing bridge over I-24 and complete the proposed intersection and grade separation on the proposed development site. Complete the proposed intersection and grade separation on the proposed development site
 - Phase 3- Construction of the curb lines at the diverging diamond intersection locations.
- 2040 RTP ID#: not currently in RTP
- TIP#: 2016-14-228
- Cost: \$22,886,000
- **Requested change: Add project to 2020 Horizon.**

Staff Analysis: This project was thought to be a project that is included in the 2040 RTP, however, conversations with the sponsor agency have revealed the need to add this project to the RTP separately. Metro Nashville has identified local funding for the preliminary phases of the project and anticipates State funding from TDOT for the project’s construction.

Staff Recommendation: Endorse amendment as requested for public review and comment.

City of Springfield

RTP Amendment #2017-002: W.A. Batson Parkway Extension (Phase 1)

- Description: This phase of the W.A. Batson Parkway extension will connect the existing termini at Blackpatch Drive to U.S. 41. The project will include two 12-foot travel lanes separated by a 14-foot landscaped median with 10-foot shoulders.
- 2040 RTP ID#: N/A – currently on Illustrative Needs List
- TIP#: Pending
- Cost: \$7,500,000
- **Requested change: Add project to 2020 Horizon.**

Staff Analysis: Project currently included in plan’s Needs List. Springfield has identified L-STBG funding for the project’s preliminary phases and intends to supplement with local and future funding sources for the project’s construction. All needed right-of-way has been purchased by the sponsor agency.

Staff Recommendation: Endorse amendment as requested for public review and comment.

RTP Amendment #2017-003: Saturn Parkway (SR-396) Extension

- Description: Construct a new facility that will provide direct connectivity from the existing SR-396 to SR-247. A portion of existing SR-247 will also be improved. The SR-247 improvements include construction of a structure built to accommodate a future 5-lane over the existing railroad crossing. SR-247 from the new extension to Cleburne Road will be widened to a 3-lane section. The intersection at Cleburne Rd and SR-247 will also be improved by including the addition of turn lanes. Additional intersection improvements at SR-247 and Town Center Parkway and the intersection of Stephen P. Yokich Parkway at US-31 will be constructed as part of this project. The typical section will vary from a 2-lane arterial, extending from Saturn Parkway, and transitions to a 3-lane curb and gutter section as it ties into Beechcroft Road (SR-247).
- 2040 RTP ID#: N/A – currently on Illustrative Needs List
- TIP#: Pending
- Cost: \$48,000,000
- **Requested change: Add project to 2020 Horizon.**

Staff Analysis: Project currently included in plan’s Needs List. TDOT has identified Surface Transportation Block Grant Program (STBG) and State matching funds for this project.

Staff Recommendation: Endorse amendment as requested for public review and comment.

RTP Amendment #2017-004: I-440 Reconstruction

- Description: Project will include removing and replacing the existing pavement, removal of the existing grass elevated median and adding capacity to provide a minimum of six (6) travel lanes (3 in each direction) throughout the corridor from I-40 in the west to I-24/I-40 in the east.
- 2040 RTP ID#: N/A
- TIP#: Pending
- Cost: \$103,000,000
- **Requested change: Add project to 2020 Horizon.**

Staff Analysis: Project not currently included in plan. TDOT has identified State funds for the project which may later be converted to federal NHPP funds with a State match.

Staff Recommendation: Endorse amendment as requested for public review and comment.

RTP Amendment #2017-005: I-24 Conceptual Study and Improvements

- Description: This project will begin with a conceptual study to determine the most feasible improvements needed to increase capacity on I-24 from I-40 to I-440. Improvements include modification of the Fesslers Lane interchanges and the three major system-to-system interchanges. The study will also determine possible environmental and right-of-way impacts and construction phasing.
- 2040 RTP ID#: N/A
- TIP#: Pending

- Cost: \$16,000,000
- Requested change: Add project to 2020 Horizon.

Staff Analysis: Project not currently included in plan. TDOT has identified NHPP and State matching funds for the project.

Staff Recommendation: Endorse amendment as requested for public review and comment.

RTP Amendment #2017-006: Nashville Area I-40 SmartWay Expansion

- Description: Expand ITS along I-40 from mile marker 172 to US-70S (Exit 196) and SR-255 (Donelson Pike, Exit 216) to US-70 (Exit 239), including 18 closed-circuit television cameras, 8 dynamic message signs, and 4 road weather information systems.
- 2040 RTP ID#: N/A
- TIP#: Pending
- Cost: \$4,000,000
- **Requested change: Add project to 2020 Horizon.**

Staff Analysis: Project not currently included in plan. TDOT has identified NHPP and State matching funds for the project.

Staff Recommendation: Endorse amendment as requested for public review and comment.

Agenda Item 5. Proposed Amendments to the FY2017-2020 TIP



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-018

TIP #: 2017-31-031
2040 RTP ID: Contingent Upon Adoption into RTP
Project: W.A. Batson Parkway Extension (Phase 1)
Requested By: City of Springfield
Proposed Changes: Add project
Total Project Cost: \$7,500,000

TO: \$7,500,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	PE-N	L-STBG	125,000	100,000	0	25,000
2017	PE-D	L-STBG	250,000	200,000	0	50,000
2017	CONST	L-STBG	1,005,839	838,194	0	167,639
2017	CONST	LOCAL	6,119,161	0	0	6,119,161
Total			7,500,000	1,138,194	0	6,361,800

Amendment Description

This amendment proposes to add the project to the TIP (contingent upon its adoption into the 2040 RTP) with \$1,138,194 (federal) in L-STBG funds.

This project involves the extension of W.A. Batson Parkway in Springfield from Blackpatch Drive to SR-11/US-41. It will include two 12-foot travel lanes separated by a 14-foot landscaped median and 10-foot shoulders.

This project is the next phase of the total W.A. Batson Parkway extension. It is the highest priority for the city's local street network, as it will complete the connection from US-431/Tom Austin Highway to US-41 near Greenbrier. It will complete the southern bypass for the city that will relieve some congestion along Memorial Boulevard.



NASHVILLE AREA

Metropolitan Planning Organization

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-019

TIP #: 2011-42-143

2040 RTP ID: 1042-131

Project: Bradyville Pike (SR-99) Widening

Requested By: City of Murfreesboro

Proposed Changes: Add type of work

Total Project Cost: \$7,378,400

FROM: \$1,295,600

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	ROW	M-STBG	750,000	600,000	0	150,000
2017	ROW	STBG	545,600	436,480	109,120	0
Total			1,295,600	1,036,480	109,120	150,000

TO: \$1,295,600

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	ROW	M-STBG	750,000	600,000	0	150,000
2017	CONST	STBG	545,600	436,480	109,120	0
Total			1,295,600	1,036,480	109,120	150,000

Amendment Description

This amendment proposes to change the type of work on the FY 2017 STBG funding line from “ROW” to “CONST.” As this change results in the addition of a later phase of work to the project, federal rules stipulate that an amendment is required. The project’s funding does not actually change.

This project involves the widening of Bradyville Pike from SE Broad Street (US-41) to Rutherford Boulevard from 2 to 3 lanes with sidewalks, bike lanes, and transit shelters.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-020

TIP #: 2017-61-032
2040 RTP ID: Contingent Upon Adoption into RTP
Project: Saturn Parkway (SR-396) Extension
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$47,000,000

TO: \$47,000,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	PE, ROW, CONST	STBG	47,000,000	37,600,000	9,400,000	0
Total			47,000,000	37,600,000	9,400,000	0

Amendment Description

This amendment proposes to add the project to the TIP (contingent upon its adoption into the 2040 RTP) with \$37,600,000 (federal) in STBG funds.

This project involves the extension of Saturn Parkway (SR-396) from its existing terminus to Beechcroft Road (SR-247). A portion of existing SR-247 will also be improved, including the construction of a structure, built to accommodate a future 5-lane, over the existing railroad crossing. SR-247 from the new extension to Cleburne Road will be widened to a 3-lane section. The intersection at Cleburne and SR-247 will also be improved by including the addition of turn lanes. Additional intersection improvements at SR-247 and Town Center Parkway, and the intersection of Stephen P. Yokich Parkway at US-31 will be constructed as part of this project. The typical section will vary from a 2-lane arterial, extending from Saturn Parkway, and transitions to a 3-lane curb and gutter section as it ties into Beechcroft (SR-247).

This project is a high priority for the Tennessee Department of Transportation. General Motors has committed to \$1.02 billion in capital improvements over the next 5 years, as well as creation of 1,048 net new full time employees. The additional employee and truck traffic from the General Motors improvements will have a significant impact on local infrastructure. Saturn Parkway (SR-396) as it exists today is a four lane access controlled facility that connects I-65 to the General Motors Spring Hill Manufacturing Plant. Located to the north of the GM Plant, along Beechcroft Road are industries that provide supplies to the plant. These industries are accessed by using local routes in a commercially developed area. Creating a direct route from SR-396 to SR-247 will reduce travel time and impacts on local infrastructure. Additionally, the grade separation that will be constructed as part of this project will provide improved safety for all users.



NASHVILLE AREA

Metropolitan Planning Organization

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-021

TIP #: 2017-89-033
2040 RTP ID: Consistent
Project: South Corridor Transit Feasibility Study
Requested By: Nashville Area MPO
Proposed Changes: Add project
Total Project Cost: \$500,000

TO: \$500,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	IMPLEMENTATION	FTA 5307	500,000	400,000	50,000	50,000
Total			500,000	400,000	50,000	50,000

Amendment Description

This amendment proposes to add the project to the TIP with \$400,000 (federal) in FTA 5307 funds.

This funding will serve to expand the scope of the South Corridor Study conducted in partnership with TDOT, the Nashville Area MPO, RTA, and local partners who will continue to work to evaluate the feasibility of major transit investments in the region's south corridor between Nashville and Spring Hill. This funding will supplement MPO PL funds already identified for the South Corridor Transit Feasibility Study. The effort is being coordinated with TDOT's I-65 Corridor Study.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-022

TIP #: 2013-85-207

2040 RTP ID: Consistent

Project: Music City Star Passing Siding

Requested By: RTA

Proposed Changes: Shift funds

Total Project Cost: \$750,000

FROM: \$1,250,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	IMPLEMENTATION	FTA 5307	1,250,000	1,000,000	125,000	125,000
Total			1,250,000	1,000,000	125,000	125,000

TO: \$750,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	IMPLEMENTATION	FTA 5307	750,000	600,000	75,000	75,000
Total			750,000	600,000	75,000	75,000

Amendment Description

This amendment proposes to shift \$400,000 (federal) in FTA 5307 funds to another project.

This project is on hold until decisions pertaining to implementation of positive train control (PTC) are finalized. In the meantime, funds are being shifted to TIP# 2017-89-033.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-023

TIP #: 2002-029

2040 RTP ID: 1052-180

Project: **Walton Ferry and Old Shackle Island Road Improvements Project**

Requested By: City of Hendersonville

Proposed Changes: **Edit project limits**

Total Project Cost: **\$12,565,325**

FROM: \$3,150,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	CONST	U-STBG	3,150,000	2,520,000	0	630,000
Total			3,150,000	2,520,000	0	630,000

TO: \$3,150,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
	NO CHANGE					
Total						

Amendment Description

This amendment proposes to increase the project limits from “Imperial Boulevard to Volunteer Drive” to “Nokes Drive to Volunteer Drive.”

Walton Ferry Rd will be widened from 2 to 5 lanes from Nokes Drive to Main St and made to align with Old Shackle Island Road at Main St. Improvements will be made on Old Shackle Island Road from Main St to Volunteer Drive. The extension of the Walton Ferry Road widening portion of this project will result in a final product that better serves the project’s vicinity.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-024

TIP #: 2016-82-229
2040 RTP ID: 1032-109
Project: SR-65/US-431 Widening
Requested By: TDOT
Proposed Changes: Add funds; edit project length
Total Project Cost: \$50,515,055

FROM: \$30,900,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	CONST	STBG	30,900,000	24,720,000	6,180,000	0
Total			30,900,000	24,720,000	6,180,000	0

TO: \$40,900,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2017	CONST	STBG	40,900,000	32,720,000	8,180,000	0
Total			40,900,000	32,720,000	8,180,000	0

Amendment Description

This amendment proposes to add \$8,000,000 (federal) in STBG funds to the project in FY 2017. The project length will also be edited from 3.0 miles to 4.42 miles.

SR-65/US-431 will be widened from 2 lanes to a 4 lane-divided from Old Highway 431 to Walling Road.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-025

TIP #: 2017-110-034
2040 RTP ID: Contingent Upon Adoption into RTP
Project: I-440 Reconstruction
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$103,000,000

TO: \$100,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	CONST	(AC)NHPP	100,000,000	80,000,000	20,000,000	0
Total			100,000,000	80,000,000	20,000,000	0

Amendment Description

This amendment proposes to add the project to the TIP (contingent upon its adoption into the 2040 RTP) with \$80,000,000 (federal) in advance construction NHPP funds in FY 2018.

I-440 from near I-40 to near I-24 will be reconstructed and widened from 4 lanes to 6 lanes. The center median will be removed.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-026

TIP #: 2017-61-035
2040 RTP ID: 1062-137
Project: Mack Hatcher Parkway West Extension
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$67,539,000

TO: \$12,000,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	PE-N	NHPP	6,000,000	4,800,000	1,200,000	0
2018	PE-D	NHPP	6,000,000	4,800,000	1,200,000	0
Total			12,000,000	9,600,000	2,400,000	0

Amendment Description

This amendment proposes to add the project to the TIP with \$9,600,000 (federal) in NHPP funds in FY 2018.

Construction of the Mack Hatcher West Extension from south of SR-96 to east of Hillsboro Road (SR-106/US-431). New roadway will be 4 lanes with a raised median, curb and gutter, and a multi-use path.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-027

TIP #: 2009-72-035
2040 RTP ID: 1072-348
Project: SR-109 Widening
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$51,900,000

TO: \$48,200,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	CONST	NHPP	48,200,000	38,560,000	9,640,000	0
Total			48,200,000	38,560,000	9,640,000	0

Amendment Description

This amendment proposes to add the project to the TIP with \$38,560,000 (federal) in NHPP funds in FY 2018.

Widening of SR-109 from north of SR-24/US-70 to south of Dry Fork Creek from 2 lanes to 5 lanes with shoulders and ditches.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-028

TIP #: 2017-72-036
2040 RTP ID: 1072-237
Project: Hartsville Pike (SR-141) Widening
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$10,553,625

TO: \$6,500,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	CONST	STBG	6,500,000	5,200,000	1,300,000	0
Total			6,500,000	5,200,000	1,300,000	0

Amendment Description

This amendment proposes to add the project to the TIP with \$5,200,000 (federal) in STBG funds in FY 2018.

Widening of Hartsville Pike (SR-141) from 2 lanes to 4 lanes north of Lovers Lane to south of Spring Creek. Addition of a divided median, shoulders, and ditches, and transitioning to 5 lanes with curb and gutter to meet an adjacent project. Project will include sidewalks and bicycle lanes.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-029

TIP #: 2017-52-037

2040 RTP ID: 1685-158

Project: Vietnam Veterans Parkway (SR-386) Transit Managed Lanes and Widening

Requested By: TDOT

Proposed Changes: Add project

Total Project Cost: \$12,000,000

TO: \$6,500,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	PE-N	NHPP	6,000,000	4,800,000	1,200,000	0
2018	PE-D	NHPP	6,000,000	4,800,000	1,200,000	0
Total			12,000,000	9,600,000	2,400,000	0

Amendment Description

This amendment proposes to add the project to the TIP with \$9,600,000 (federal) in NHPP funds in FY 2018.

Widening of Vietnam Veterans Parkway (SR-386) from 4 lanes to 6 lanes from I-65 to Saundersville Road (US-31E). Includes transit managed lanes.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-030

TIP #: 2017-62-038
2040 RTP ID: 1062-234
Project: Murfreesboro Pike (SR-96) Widening (Segment 1)
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$47,152,800

TO: \$37,500,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	CONST	STATE	37,500,000	0	37,500,000	0
Total			37,500,000	0	37,500,000	0

Amendment Description

This amendment proposes to add the project to the TIP with \$37,500,000 in State funding in FY 2018.

Widening of Murfreesboro Road (SR-96) from 2 lanes to 5 lanes from east of Arno Road to near Wilson Pike (SR-252).



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-031

TIP #: 2017-19-039
2040 RTP ID: Contingent Upon Adoption into RTP
Project: I-24 Conceptual Study and Improvements
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$16,000,000

TO: \$1,000,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	PE-N	NHPP	400,000	320,000	80,000	0
2018	PE-D	NHPP	600,000	480,000	120,000	
Total			1,000,000	800,000	200,000	0

Amendment Description

This amendment proposes to add the project to the TIP (contingent upon its adoption into the 2040 RTP) with \$800,000 (federal) in NHPP funds in FY 2018.

This project will begin with a conceptual study to determine the most feasible improvements needed to increase capacity on I-24 from I-40 to I-440. Improvements include modification of the Fesslers Lane interchanges and the three major system-to-system interchanges. The study will also determine possible environmental and right-of-way impacts and construction phasing.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2017-2020 TIP Amendment – June 2017 Adoption

TIP Amendment # 2017-032

TIP #: 2017-87-040
2040 RTP ID: Contingent Upon Adoption into RTP
Project: Nashville Area I-40 SmartWay Expansion
Requested By: TDOT
Proposed Changes: Add project
Total Project Cost: \$4,000,000

TO: \$200,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2018	PE-N	NHPP	100,000	80,000	20,000	0
2018	PE-D	NHPP	100,000	80,000	20,000	0
Total			200,000	160,000	40,000	0

Amendment Description

This amendment proposes to add the project to the TIP (contingent upon its adoption into the 2040 RTP) with \$160,000 (federal) in NHPP funds in FY 2018.

Expand ITS along I-40 from mile marker 172 to US-70S (Exit 196) and SR-255 (Donelson Pike, Exit 216) to US-70 (Exit 239), including 18 closed-circuit television cameras, 8 dynamic message signs, and 4 road weather information systems.