



MPO Technical Coordinating Committee

Wednesday, December 3, 2014 @ 10:30 AM

The River Center on the third floor of the Nashville Bridge Building
2 Victory Avenue in Nashville, Tennessee 37216

1. ACTION ITEM: Approve September 3, 2014 Meeting Minutes (attachment)

2. Public Comment

3. TCC Chair's Report

- Recap of Annual Membership Meeting
- 2015 TCC Meeting Calendar (attachment)
- Other Comments

4. ACTION ITEM: 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.

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

PROPOSED AMENDMENTS:

TIP #	RTP #	Project Name	Sponsor	Action
2015-65-060	Consistent	Bus & Bus Facilities	Franklin Transit Authority	New Project
2014-85-028	Consistent	Bus & Bus Facilities (Grouping) – Nashville-Davidson UZA	MPO	Shift Funds to Project Above
2015-57-061	Consistent	Portland Signal Timing Optimization Program	City of Portland	New Project
2014-85-059	1085-323	Express Bus Service from Dickson Co	RTA	Add Funds
2011-85-125	1085-323	Expansion of Regional Bus Services	RTA	Add Funds
2015-89-062	Consistent	TDOT HELP Truck Program Expansion	TDOT	New Project
2015-66-063	Consistent	Nolensville Elementary School – Phase 2	Town of Nolensville	New Project
2015-56-064	Consistent	Portland West Middle School	City of Portland	New Project
2015-19-065	Consistent	Franklin Pike Multimodal Plan	City of Berry Hill	New Project
2015-66-066	Consistent	Franklin/Cool Springs Bike Share Program	The TMA Group	New Project
2015-56-067	Consistent	Gallatin Citywide Sidewalk Improvements – Phase 1	City of Gallatin	New Project
2015-76-068	Consistent	Belinda Parkway Pedestrian Connector	City of Mt. Juliet	New Project
2015-111-069	Consistent	North Nashville Mini-Hub	MTA	New Project
2015-111-070	Consistent	Nolensville Pike Mini-Hub	MTA	New Project

TIP #	RTP #	Project Name	Sponsor	Action
2015-66-071	Consistent	Nolensville Small Town Connections	Town of Nolensville	New Project
2015-46-072	Consistent	Lowry Street Improvements	Town of Smyrna	New Project
2015-56-073	Consistent	Lower Station Camp Creek Greenway – Phase 3B	Sumner County	New Project
2015-56-074	Consistent	SR-41/US-31W Sidewalk/Bike Lane Project	City of White House	New Project
2014-86-6666	1086-601	MPO Active Transportation Program	MPO	Shift Funds to ATP Grant Awarded Projects Above

SCHEDULE:

- 11/12 – TCC and XB Endorsement
- 11/13-12/10 – Public Review and Comment Period
- **12/3 – First Public Hearing (TCC)**
- 12/10 – Second Public Hearing / Adoption (XB)

RECOMMENDATION: Endorse proposed amendments for consideration by the Board.

5. **Information: Update on NashvilleNext**

Staff from the Metro Nashville Planning Department will provide an update on NashvilleNext and a presentation on the draft preferred scenario for growth and development for the next 25-years. NashvilleNext is Metro Nashville's effort to update the county's general plan.

More information is available at NashvilleNext.net.

6. **MPO Director's Report**

- Update on 2040 Regional Transportation Plan Activities & Schedule
- Other Comments

7. **Other Business**

8. **Adjourn until January 7, 2015**

Agenda Item 1. GYdHya VYf'' TCC Meeting Minutes

MINUTES

TECHNICAL COORDINATING COMMITTEE Of the

Nashville Area Metropolitan Planning Organization

September 3, 2014

Attendees: Mr. Dan Allen, Ms. Kim Ark, Mr. Andy Barlow, Mr. Tom Brashear, Mr. Michael Briggs, Mr. Felix Castrodad, Mr. Jonathan Cleghon, Mr. Marc Corrigan, Mr. Billy Davis, Mr. Corbin Davis, Mr. Doug Demosi, Mr. John Finke, Mr. Glenn Harper, Mr. Mike Harris, Ms. Billy Higgins, Mr. Joe Horne, Mr. Jonathan Marston, Mr. Bill McCord, Mr. Larry McGoogin, Mr. Kevin Rigsby, Mr. Tim Roach, Mr. Fred Rogers, Ms. Diane Thorne, Ms. Christine Vitt

Approve August 6, 2014 Meeting Minutes

Mr. Doug Demosi, Chair, opened the meeting at 10:35 a.m. Mr. Mike Harris moved to approve the August 6, 2014 meeting minutes. Mr. Jonathan Marston seconded and the motion passed unanimously.

Public Comment

There was no public comment.

TCC Chair's Report

Mr. Demosi said that the TAPA/TRB meeting last week was a good one. Mr. Tom Brashear said that he appreciated the communication style of the information given. Next year it will be in Chattanooga.

Results of the MPO Federal Certification Review

Mr. Corbin Davis, FHWA, said that a review by the FHWA and FTA is done every 4 years for an urban area of over 200,000 people. He said that the review team did not identify any corrective actions (the second review where no corrective actions were identified). He said that there were 20 recommendations reflect national trends and best practices from across the nation and though but would help this MPO enhance the metropolitan

transportation planning process. The 20 commendations can serve as examples to other States and planning organizations across the country.

The entire Certification Review is on the MPO website http://www.nashvillempo.org/publications_docs/MPO/ Federal Certification Review - Final Report (2014)

Mr. Bill McCord asked if the commendation for producing measures of effectiveness (#10) regarding Level of Service (LOS) filters down to the local jurisdictions. Mr. Davis said that LOS is usually defined community to community. Mr. McCord asked if identifying collector streets is done locally or is it at a regional level (#4 under recommendations). Mr. Davis said that it is a cooperative effort between the MPO and the local governments based on the 2013 guidelines. TDOT will have first approval then it goes to FHWA. Mr. Skipper said that there may be on-going discrepancies between the classifications used in local major thoroughfare plans and the actual federal functional classification system. He said this did not need to be a problem.

Mr. Tom Brashear asked if there was any public input of note. Mr. Davis said that the public input questions and results are in the full report in Appendix D. He said much of what was talked about at the review was out of the scope of the Review.

Proposed Amendments to the FYs 2014-2017 TIP

Ms. Anna Emerson, MPO staff, gave a quick overview of the proposed amendments that have been out for the required 21-day public review and comment period. She said that no comments have been received to-date. Mr. McCord asked a clarifying question which Mr. Felix Castrodad answered.

Mr. Demosi opened the public hearing. There were no comments. Mr. Demosi closed the public hearing.

Mr. McCord asked a clarifying question. Mr. McCord moved to endorse the proposed amendments for consideration by the Board with Mr. Tim Roach seconding. The motion passed unanimously.

Middle Tennessee Transportation & Health Study

Mr. Skipper provided an overview of the Middle Tennessee Transportation and Health Study. He said that the \$1.2M research study was done in conjunction with TDOT, the Clarksville MPO, and the U.S. Centers for Disease Control and Prevention. The study shows the links between the built environment, transportation, and public health –

socio-economics, travel behaviors, area types (rural, suburban, or urban), physical activity, eating behaviors, and personal health outcomes.

The study covered 6,000 households with 600 doing a more detailed health assessment. The findings showed drivers per household and type of vehicle used for travel. It also showed commuting habits and health of the participants. The findings also showed that work commuting is not the predominant reason for travel in Middle Tennessee. It also showed that more people walk and bike (and use transit) than previously thought.

The general conclusions were that 1) health is influenced by BMI, 2) BMI is influenced by diet and physical activity, 3) physical activity is influenced by travel behaviors, and 4) travel behaviors are influenced by built environment and household characteristics. The study also found that the resulting travel behaviors largely mirror that of other research and the resulting health measures largely mirror that of other health studies. Using the Integrated Transportation and Health Impact Model (ITHIM) shows how changes in physical activity, road traffic injury risk, and urban air pollution impacts transportation.

Mr. Brashear asked if the statistics are broken down so that local elected officials can use to encourage better activity and to use for local comprehensive plans. Mr. Skipper said yes the data can be looked at by jurisdiction, but that sample sizes may be relatively small depending on the jurisdiction of interest.

MPO Director's Report

- Update on 2040 Regional Transportation Plan Activities & Schedule
Mr. Skipper handed out instructions on how to use the Project Application & Evaluation Database for roadway & intersections project application. He said that the tool is on our website and that there will be a webinar. He said that all projects must be submitted, even old projects that are in the old RTP. He said that in October there will be a meeting in each county to go over the submitted projects and to learn the priorities of each jurisdiction.
- Update on MPO Staffing
Mr. Skipper introduced the new MPO travel demand modeler, Mr. Hary Prawiranata.

Other Business

- Gresham, Smith, & Partners
Ms. Jamie Cochran gave an overview of the services that Gresham, Smith & Partners can provide.
- Ms. Gwen Griffith of Cumberland River Compact discussed the Climate Solutions University. This is a curriculum that will last one year and is on-line. It assesses

the risk and opportunities and supports plans of implementation. The course is free except for your time. The deadline for applying is the end of September and starts in January.

With no further business, the meeting was adjourned at 12:21 p.m.

Date: _____

Doug Demosi, Chair
Technical Coordinating Committee

Michael Skipper, AICP
Executive Director and Secretary of the TCC

Agenda Item 3. TCC Meeting Calendar for 2015



NASHVILLE AREA

Metropolitan Planning Organization

2015 Nashville Area MPO Meeting Schedule

Technical Coordinating Committee	Executive Board
All TCC meetings are held at 10:30 AM on the first Wednesday of the month (unless noted): The Bridge Building 2 Victory Avenue, Suite 300 Nashville, Tennessee 37213	All Board meetings are held at 9:00 AM on the third Wednesday of the month (unless noted): Music City Central Station , 2nd Floor Meeting Room 400 Charlotte Avenue Nashville, Tennessee 37219
January 7, 2015	January 21, 2015
February 4, 2015	February 18, 2015
March 4, 2015	March 18, 2015
April 1, 2015	April 15, 2015
May 6, 2015	May 20, 2015
June 3, 2015	June 17, 2015
July 1, 2015	July 15, 2015
August 5, 2015	August 19, 2015
September 2, 2015	September 16, 2015
October 7, 2015	October 21, 2015
November 4, 2015	November 18, 2015
December 2, 2015	December 16, 2015*

*Changed due to holiday

**The TCC and Executive Board will hold a joint meeting at the MPO's Annual Meeting for the purpose of receiving public comments pertaining to all its plans, programs, and projects to be placed in the Transportation Improvement Program. Date and location to be determined.

The MPO or does not discriminate on the basis of race, color, national origin, gender, gender identity, sexual orientation, age, religion, creed or disability in admission to, access to, or operations of its programs, services, or activities. Discrimination against any person in recruitment, examination, appointment, training, promotion, retention, discipline or any other employment practices because of non-merit factors shall be prohibited. For ADA inquiries, contact Michelle Lacewell, ADA Compliance Coordinator, at (615) 880-2452 or e-mail her at lacewell@nashvillempo.org For Title VI inquiries, contact Human Relations at (615) 880-3370. For all employment-related inquiries, contact Human Resources at (615) 862-6640.

Agenda Item 4. Proposed Amendments to FYs 2014-17 TIP



NASHVILLE AREA

Metropolitan Planning Organization

FYs 2014-2017 Transportation Improvement Program

FY 2015 Amendment Cycle A (November/ December)

Application Deadline – October 31
 TCC/XB Endorsement – November 12
 1st Public Hearing – December 3
 2nd Public Hearing – December 10

FY 2015 Amendment Cycle B (February/ March)

Application Deadline – January 23
 TCC Endorsement – February 3
 XB Endorsement – February 18
 1st Public Hearing – March 4
 2nd Public Hearing – March 18

FY 2015 Amendment Cycle C (May/ June)

Application Deadline – April 24
 TCC Endorsement – May 6
 XB Endorsement – May 20
 1st Public Hearing – June 3
 2nd Public Hearing – June 17

FY 2015 Amendment Cycle D (August/ September)

Application Deadline – July 24
 TCC Endorsement – August 5
 XB Endorsement – August 19
 1st Public Hearing – September 2
 2nd Public Hearing – September 16

For more information: Anna Emerson, TIP Coordinator | emerson@nashvillempo.org

Notes:

Any project sponsor requesting an amendment not deemed to be an emergency must wait for the next amendment cycle or reimburse the MPO for the direct costs incurred to pay for the required public noticing.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-001

TIP #: 2015-65-060
2035 RTP ID: Consistent
Project: **Bus & Bus Facilities**
Requested By: Franklin Transit Authority
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$81,250

TO: \$81,250

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	FTA 5339	81,250	65,000	8,125	8,125
Total			81,250	65,000	8,125	8,125

Description: Funds to lease, replace, rehabilitate, and purchase bus and bus related facilities.

Background: This amendment proposes to shift \$65,000 (federal) in FTA 5339 funds from an existing MPO 5339 grouping (TIP # 2014-85-028) into a new project for the Franklin Transit Authority.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-002

TIP #: 2014-85-028
2035 RTP ID: Consistent
Project: Bus & Bus Facilities (Grouping) – Nashville-Davidson UZA
Requested By: MPO
Phase: IMPLEMENTATION
Fiscal Year(s): 2014
Proposed Changes: Shift Funds to New Project
Total Project Cost: \$3,366,267

FROM: \$3,447,518

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	IMPLEMENTATION	5339	1,546,205	1,236,964	154,621	154,621
2015	IMPLEMENTATION	5339	626,226	500,980	62,623	62,623
2016	IMPLEMENTATION	5339	633,740	506,992	63,374	63,374
2017	IMPLEMENTATION	5339	641,346	513,076	64,135	64,135
Total			3,447,518	2,758,012	344,753	344,753

TO: \$3,366,267

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	IMPLEMENTATION	5339	1,464,955	1,171,964	146,496	146,496
2015	IMPLEMENTATION	5339	626,226	500,980	62,623	62,623
2016	IMPLEMENTATION	5339	633,740	506,992	63,374	63,374
2017	IMPLEMENTATION	5339	641,346	513,076	64,135	64,135
Total			3,366,267	2,693,012	336,628	336,628

Description: Capital funding to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities.

Background: This amendment proposes to shift \$65,000 (federal) in FTA 5339 funds from FY 2014 into a new project for the Franklin Transit Authority (TIP # 2015-65-060).



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-003

TIP #: 2015-57-061
2035 RTP ID: Consistent
Project: Portland Signal Timing Optimization Program
Requested By: City of Portland
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$73,400

TO: \$73,400

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	CMAQ	73,400	73,400	0	0
Total			73,400	73,400	0	0

Description: A program to develop optimized signal operations for the city's eight signalized intersections within the city limits.

Background: This amendment proposes to add \$73,400 (federal) in CMAQ funds awarded to the project through TDOT's August 2014 CMAQ grants.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-004

TIP #: 2014-85-059
2035 RTP ID: 1085-323
Project: Express Bus Service from Dickson County
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015, 2016
Proposed Changes: Add funds
Total Project Cost: \$763,219

FROM: \$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>
2014	IMPLEMENTATION	CMAQ	\$250,000	\$200,000	\$0	\$50,000
Total			250,000	200,000	0	50,000

TO: \$763,219

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	IMPLEMENTATION	CMAQ	\$250,000	\$200,000	\$0	\$50,000
2015	IMPLEMENTATION	CMAQ	\$256,610	\$205,288	\$0	\$51,322
2016	IMPLEMENTATION	CMAQ	\$256,609	\$205,287	\$0	\$51,322
Total			\$763,219	\$610,575	\$0	\$152,644

Description: Provide commuter express bus service between the City of Dickson in Dickson County and downtown Nashville in Davidson County with two morning trips and two evening trips.

Background: This amendment proposes to add \$410,575 (federal) in CMAQ funds awarded to the project through TDOT's August 2014 CMAQ grants.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-005

TIP #: 2011-85-125
2035 RTP ID: 1085-323
Project: Expansion of Regional Bus Services
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: Add funds
Total Project Cost: \$343,448

FROM: \$0

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	IMPLEMENTATION	CMAQ	0	0	0	0
Total			0	0	0	0

TO: \$343,448

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	CMAQ	343,448	274,758	0	68,690
Total			343,448	274,758	0	68,690

Description: RTA utilizes CMAQ funds to provide for expansion of bus services between Clarksville and Nashville during both AM and PM time periods.

Background: This amendment proposes to add \$274,758 (federal) in CMAQ funds awarded to the project through TDOT's August 2014 CMAQ grants.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-006

TIP #: 2015-89-062
2035 RTP ID: Consistent
Project: TDOT HELP Truck Program Expansion
Requested By: TDOT
Phase: IMPLEMENTATION
Fiscal Year(s): 2015, 2016, 2017
Proposed Changes: New Project
Total Project Cost: \$2,837,155

TO: \$2,837,155

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	CMAQ	1,450,479	1,160,383	290,096	0
2016	IMPLEMENTATION	CMAQ	693,338	554,670	138,668	0
2017	IMPLEMENTATION	CMAQ	693,338	554,670	138,667	0
Total			2,837,155	2,269,723	567,431	0

Description: This project will expand the existing Freeway Service Patrol Program by acquiring nine new HELP trucks, adding nine operators, and establishing three additional routes to provide coverage and services during peak hours in the five-county Nashville CMAQ air quality maintenance area.

Background: This amendment proposes to add \$2,269,723 (federal) in CMAQ funds awarded to the project through TDOT's August 2014 CMAQ grants.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-007

TIP #: 2015-66-063
2035 RTP ID: Consistent
Project: Nolensville Elementary School – Phase 2
Requested By: Town of Nolensville
Phase: PE-N/PE-D/ROW/CONST
Fiscal Year(s): 2015, 2016
Proposed Changes: New Project
Total Project Cost: \$113,909

TO: \$ 113,909

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-N	SRTS	6,000	6,000	0	0
2016	PE-D/ROW	SRTS	8,000	8,000	0	0
2016	CONST	SRTS	99,909	99,909		
Total			113,909	113,909	0	0

Description: This project includes the construction of approximately 1,100 linear feet of five-foot wide concrete sidewalk with bicycle lanes and associated signage on Creekside Drive from Cowan Drive to Mill Creek/Newsome Lane.

Background: This amendment proposes to add \$113,909 (federal) in Safe Routes to School funds awarded in August 2014. This project ties to an earlier SRTS project that provided approximately ½ mile of five-foot wide concrete sidewalk with bicycle lanes and associated signage providing access to and from Nolensville Elementary School from the Stonebrook subdivision.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-008

TIP #: 2015-56-064
2035 RTP ID: Consistent
Project: Portland West Middle School
Requested By: City of Portland
Phase: PE-N/PE-D/CONST
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$198,137

TO: \$ 198,137

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-N/PE-D/CONST	SRTS	198,137	198,137	0	0
Total			198,137	198,137	0	0

Description: Approximately 860 linear feet of sidewalk construction along Oakhill Drive from Kaysway Drive to Richport Drive and Richport Drive from Oakhill Drive to the eastern side of Portland West Middle School campus.

Background: This amendment proposes to add \$198,137 (federal) in Safe Routes to School funds awarded in August 2014.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-009

TIP #: 2015-19-065
2035 RTP ID: Consistent
Project: Franklin Pike Multimodal Plan
Requested By: City of Berry Hill
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$155,000

TO: \$155,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	U-STP	155,000	124,000	0	31,000
Total			155,000	124,000	0	31,000

Description: The Franklin Pike Multimodal Plan will develop a community and stakeholder-driven transportation plan aimed at accommodating a variety of travel modes.

Background: This amendment proposes to shift \$124,000 (federal) in U-STP funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-010

TIP #: 2015-66-066
2035 RTP ID: Consistent
Project: Franklin/Cool Springs Bike Share Program
Requested By: Franklin Transit Authority
Phase: IMPLEMENTATION
Fiscal Year(s): 2015 - 2017
Proposed Changes: New Project
Total Project Cost: \$2,580,416

TO: \$2,580,416

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	IMPLEMENTATION	U-ALT	1,481,500	1,185,200	0	296,300
2016	IMPLEMENTATION	U-ALT	771,099	616,879	0	154,220
2017	IMPLEMENTATION	U-ALT	327,817	262,253	0	65,564
Total			2,580,416	2,064,332	0	516,084

Description: The development and implementation of a pilot bike-sharing transportation system serving the areas of downtown Franklin and Cool Springs in Williamson County, TN.

Background: This amendment proposes to add \$2,064,332 (federal) in U-ALT funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-011

TIP #: 2015-56-067
2035 RTP ID: Consistent
Project: Gallatin Citywide Sidewalk Improvements – Phase 1
Requested By: City of Gallatin
Phase: PE-D/CONST
Fiscal Year(s): 2015, 2017
Proposed Changes: New Project
Total Project Cost: \$700,000

TO: \$700,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-D	U-ALT	84,000	67,200	0	16,800
2017	CONST	U-ALT	616,000	492,800	0	123,200
Total			700,000	560,000	0	140,000

Description: The design and construction of sidewalks for high priority sidewalk gaps in the City of Gallatin in order to improve safety, encourage walking, and better connect residential and commercial/institutional areas of the City.

Background: This amendment proposes to add \$560,000 (federal) in U-ALT funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-012

TIP #: 2015-76-068
2035 RTP ID: Consistent
Project: **Belinda Parkway Pedestrian Connector**
Requested By: City of Mt. Juliet
Phase: PE-N/PE-D/ROW/CONST
Fiscal Year(s): 2015
Proposed Changes: **New Project**
Total Project Cost: \$1,560,000

TO: \$1,560,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-N/PE-D/ ROW/CONST	U-ALT	1,560,000	1,248,000	0	312,000
Total			1,560,000	1,248,000	0	312,000

Description: A sidewalk and bike route along Belinda Parkway to provide a multimodal connection between Two Rivers Ford, Providence Greenway, South Mt. Juliet City Park, and Sgt. Jerry Mundy Memorial Park.

Background: This amendment proposes to shift \$1,248,000 (federal) in U-ALT funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-013

TIP #: 2015-111-069
2035 RTP ID: Consistent
Project: North Nashville Mini-Hub
Requested By: MTA
Phase: PE-D/ROW/CONST
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$936,100

TO: \$936,100

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-D/ROW/CONST	U-STP	936,100	748,880	0	187,220
Total			936,100	748,880	0	187,220

Description: A mini-hub in the North Nashville area, specifically near 25th Avenue North and Clarksville Pike in order to provide better transit and pedestrian connectivity in the area. The mini-hub will connect North Nashville neighborhoods, commercial areas, and recreational amenities (greenways, parks, and golf courses) to the greater MTA transit system.

Background: This amendment proposes to shift \$748,880 (federal) in U-STP funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-014

TIP #: 2015-111-070
2035 RTP ID: Consistent
Project: Nolensville Pike Mini-Hub
Requested By: MTA
Phase: PE-D/ROW/CONST
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$1,859,320

TO: \$1,859,320

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-D/ROW/CONST	U-STP	1,859,320	1,487,456	0	371,864
Total			1,859,320	1,487,456	0	371,864

Description: A mini-hub in the Nolensville Pike area of South Nashville. The mini-hub will be at the end of the proposed Nolensville Pike BRT Lite line near the intersection of Harding and Nolensville Pike. It will serve the area east and west of Nolensville Pike and provide a connection point for cross town routes to feed into the BRT Lite system. The mini-hub will also be a connection point to the recreational attractions in the area such as the Nashville Zoo and Ezell Road Park.

Background: This amendment proposes to shift \$1,487,456 (federal) in U-STP funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-015

TIP #: 2015-66-071
2035 RTP ID: Consistent
Project: Nolensville Small Town Connections
Requested By: Town of Nolensville
Phase: CONST
Fiscal Year(s): 2015, 2016
Proposed Changes: New Project
Total Project Cost: \$517,000

TO: \$517,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	CONST	U-ALT	317,000	253,600	0	63,400
2016	CONST	U-ALT	200,000	160,000	0	40,000
Total			517,000	413,600	0	103,400

Description: The creation of a trail head/parking lot located on Nolensville Road (SR-31A) in the Nolensville Historic District with a pedestrian bridge over Mill Creek connecting to Nolensville Park and a 10 foot wide, 4300 linear feet asphalt trail connecting Nolensville Elementary School to the east, Town Center to the north, and Nolensville Park to the south.

Background: This amendment proposes to shift \$413,600 (federal) in U-ALT funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-016

TIP #: 2015-46-072
2035 RTP ID: Consistent
Project: Lowry Street Improvements
Requested By: Town of Smyrna
Phase: PE/CONST
Fiscal Year(s): 2015, 2016
Proposed Changes: New Project
Total Project Cost: \$400,000

TO: \$400,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE	U-STP	30,000	24,000	0	6,000
2016	CONST	U-STP	370,000	296,000	0	74,000
Total			400,000	320,000	0	80,000

Description: Pedestrian and bicycle improvements and streetscaping on Lowry Street.

Background: This amendment proposes to shift \$320,000 (federal) in U-STP funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-017

TIP #: 2015-56-073
2035 RTP ID: Consistent
Project: Lower Station Camp Creek Greenway – Phase 3B
Requested By: Sumner County
Phase: PE-D/CONST
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$1,305,520

TO: \$1,305,520

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-D/CONST	U-ALT	1,305,520	1,044,416	0	261,104
Total			1,305,520	1,044,416	0	261,104

Description: Phase 3B of the Lower Station Camp Creek Greenway includes 2000 linear feet of concrete trail and a pedestrian bridge across Station Camp Creek and will provide connectivity to the existing Station Camp Greenway trail at Station Camp school campus and provide connectivity to adjacent neighborhoods.

Background: This amendment proposes to shift \$1,044,416 (federal) in U-ALT funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-018

TIP #: 2015-56-074
2035 RTP ID: Consistent
Project: SR-41/US-31W Sidewalk/Bike Lane Project
Requested By: City of White House
Phase: PE-N/PE-D/ROW/CONST
Fiscal Year(s): 2015, 2016
Proposed Changes: New Project
Total Project Cost: \$1,999,634

TO: \$1,999,634

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	PE-N/PE-D	U-STP	249,123	199,298	0	49,825
2016	ROW/CONST	U-STP	1,750,511	1,400,409	0	498,274
Total			1,999,634	1,599,707	0	548,099

Description: Sidewalk and striping improvements to a .75 mile section of SR-41/US-31W to include an 8 foot multi-use path to complete a loop connection for the City's 3.5 mile greenway system.

Background: This amendment proposes to shift \$1,252,237 (federal) in U-STP funds to this new project awarded by the MPO's Active Transportation Program in October 2014 from TIP # 2014-86-6666.



NASHVILLE AREA

Metropolitan Planning Organization

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FY 2014-2017 TIP Amendments – December 2014

TIP Amendment # 2015-019

TIP #: 2014-86-6666
 2035 RTP ID: 1086-601
 Project: MPO Active Transportation Program
 Requested By: MPO
 Phase: PE/ROW/CONST
 Fiscal Year(s): 2014 - 2017
 Proposed Changes: Shift funds
 Total Project Cost: \$3,186,418

FROM: \$15,199,407.24

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>St</i>	<i>Local</i>
2014	PE, ROW, CONST	M-STP	625,305	500,244	0	125,061
2014	PE, ROW, CONST	U-ALT	3,250,000	2,600,000	0	650,000
2014	PE, ROW, CONST	U-STP	6,199,102.24	4,959,281.79	0	1,239,820.45
2014	IMPLEMENTATION	U-STP	250,000.00	200,000.00	0	50,000.00
2015	PE, ROW, CONST	U-ALT	1,625,000	1,300,000	0	325,000
2016	PE, ROW, CONST	U-ALT	1,625,000	1,300,000	0	325,000
2017	PE, ROW, CONST	U-ALT	1,625,000	1,300,000	0	325,000
Total			15,199,407.24	12,159,525.79	0	3,039,881.45

TO: \$3,186,418.49

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>St</i>	<i>Local</i>
2014	PE, ROW, CONST	M-STP	625,305	500,244	0	125,061
2014	PE, ROW, CONST	U-ALT	0	0	0	0
2014	PE, ROW, CONST	U-STP	849,048.49	679,238.79	0	169,809.70
2014	IMPLEMENTATION	U-STP	250,000.00	200,000.00	0	50,000.00
2015	PE, ROW, CONST	U-ALT	126,980	101,584	0	25,396
2016	PE, ROW, CONST	U-ALT	37,901.25	30,321	0	7,580.25
2017	PE, ROW, CONST	U-ALT	1,297,183.75	1,037,747	0	259,436.75
Total			3,186,418.49	2,549,134.79	0	637,283.7

Description: 4-years of program funds for regional bicycle and pedestrian planning and coordination activities, AND active transportation projects to be awarded through competitive call-for-projects within 6-months of TIP adoption. Projects must advance regional initiatives to improve the availability, safety, and convenience of active forms of transportation. Funding could be used to implement a stand-alone project or supplement an existing project to ensure the inclusion of non-motorized modes (e.g., adding sidewalks to a road widening project).

Background: This amendment proposes to shift \$4,280,043 (federal) in U-STP and \$5,330,348 (federal) in U-ALT funds to various new projects awarded by the MPO's Active Transportation Program in October 2014.

