



MPO Technical Coordinating Committee

Wednesday, May 6, 2015 @ 10:30 AM

****First floor**** of the Nashville Bridge Building
2 Victory Avenue in Nashville, Tennessee 37216

1. ACTION ITEM: Approve April 1, 2015 Meeting Minutes (attachment)

2. Public Comment

3. TCC Chair's Report

- Save the Date – Power of Ten Summit – 1 PM on June 18 @ TPAC Polk Theatre
- Appoint nominating committee for TCC officers – July 2015 to June 2016

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:

Amend#	TIP #	Project Name	Sponsor	Action
2015-028	2008-15-049	MTA-Administration Building Rehabilitation (Nestor)	MTA	Add funds
2015-029	2014-15-056	Renovate MTA Headquarters (Myatt Drive Facility)	MTA	Add funds
2015-030	2008-17-021	Computer Aided Dispatch (CAD), Automatic Vehicle Location (AVL), & Intelligent Transportation System (ITS)	MTA	Shift funds
2015-031	2013-85-211	Installation of Wi-Fi on Music City Star Train	RTA	New project
2015-032	2013-85-208	Music City Star Rail Replacement/Track Rehab	RTA	New project
2015-033	2013-85-210	Stationary Fare Collection Equipment	RTA	New project
2015-034	2011-85-127	Media Fare Purchase	RTA	New project
2015-035	2013-85-207	Music City Star Passing Siding	RTA	New project
2015-036	2013-85-209	Shore Power for Music City Star Riverfront Station	RTA	New project
2015-037	2013-85-213	Rehab/Renovate Stations	RTA	New project
2015-038	2014-85-055	RTA Operations	RTA	Add funds

SCHEDULE:

- 5/6 – TCC Endorsement
- 5/20 –XB Endorsement
- 5/22-6/17 – Public Review and Comment Period
- 6/3 – First Public Hearing (TCC)
- 6/17 – Second Public Hearing / Adoption (XB)

RECOMMENDATION: Endorse proposed amendments for public review and comment.

5. PRESENTATION: Report from NashvilleNext: Metro Nashville's General Plan Update

Jennifer Carlat from the Metro Planning Department and the NashvilleNext team will provide an update on the NashvilleNext process. The draft plan was released on March 27 for a public comment period extending through April 30.

The draft plan is available for review at <http://www.NashvilleNext.net> including a twenty-page overview called the Guidebook at:

<http://www.nashville.gov/Portals/0/SiteContent/Planning/docs/NashvilleNext/DraftPlan/next-guidebook-3.pdf>

6. MPO Director's Report

- Update on the 2040 Regional Transportation Plan Development
- Other Comments

7. Other Business

- Southeast Area Transportation & Land Use Study committee meeting immediately following TCC, or approximately 11:45 a.m.

8. Adjourn until June 3, 2015

Agenda Item 1. 5df]`%ž&\$% Meeting Minutes

MINUTES

TECHNICAL COORDINATING COMMITTEE Of the

Nashville Area Metropolitan Planning Organization

April 1, 2015

Attendees: Ms. Kim Ark, Mr. Andy Barlow, Mr. Tom Brashear, Mr. Michael Briggs, Mr. Felix Castrodad, Mr. Jonathon Cleghon, Mr. Corbin Davis, Mr. Doug Demosi, Mr. Joren Dunnivant, Mr. John Finke, Ms. Margot Fosnes, Mr. Rick Gregory, Mr. Will Hagar, Mr. Glenn Harper, Mr. Mike Harris, Ms. Billy Higgins, Mr. Reed Hillen, Mr. Joe Horne, Mr. Frank Humber, Mr. Bill McCord, Mr. Addam McCormick, Mr. Larry McGoogin, Mr. Ken McLawhon, Ms. Caryn Miller, Mr. Tim Roach, Ms. Dara Sanders

Approve March 4, 2015 Meeting Minutes

Mr. Mike Harris, Vice-Chair, opened the meeting at 10:40 a.m. Mr. Bill McCord moved to approve the minutes with a few typos corrected. Mr. Rick Gregory seconded and the motion passed unanimously.

Public Comment

Ms. Margo Chambers, Nashville, said that the proposed Bylaws designated sponsor and fiscal agent for the MPO should be TDOT not the Metropolitan Planning Commission because the commissioners have not filled out the 24 FTA certification forms. This failure will bring FTA scrutiny when the MPO adopts long and short-range transportation plans and the current Bylaws don't identify a designated recipient. The regulations that cover this are 49USC Section 5323, 49USC Sections 5307, 5303, 5304, and regulation 23USC Section 135. The Bylaws state that the MPO Executive Director is a staff member of the Metropolitan Planning Department which causes him to have a bias when explaining this Bylaw addition.

TCC Chair's Report

There was no chair's report.

Transportation and Public Health Outcomes

Ms. Leslie Meehan, MPO staff, presented findings from the newly developed Integrated Transportation and Health Impact (ITHIM) model. Initially developed in the United Kingdom, this is a relatively new model in the U.S. MPO staff has been working with the CDC and California counterparts to advance the state of the practice.

Ms. Meehan said that physical inactivity can contribute to a number of diseases, such as breast cancer, colon cancer, diabetes, depression, heart disease, dementia, and depression. She said that 62% of Tennesseans do not meet aerobic physical activity guidelines and ranks 49th in the nation. Tennessee has the 4th highest prevalence of obesity. Mr. Tom Brashear asked what part of the MPO area was studied. Ms. Meehan said that all seven counties were studied.

Ms. Meehan said that the Nashville Area MPO recognizes the link between transportation and health and is among the first to incorporate multiple health issues in planning. The MPO can help with health issues by advancing other transportation modes other than automobiles. ITHIM is a tool that estimates the benefits to public health resulting from changes in regional travel behaviors (e.g., increased walking, bicycling, or transit use), benefits of reduced air pollution and health risks of bike/ped vs. auto accidents, as well as age/gender effects.

ITHIM uses calculations such as 1) baseline “knowns” (physical activity, disease burdens, air pollution and collision & travel history, 2) scenario “hypotheticals” (physical activity, and vehicle/transit miles traveled), and 3) epidemiological calculations (comparative risk assessment based on relative risk).

She said that ITHIM helps to translate the message of health impacts of transportation. By adding 10 minutes of walking or bicycling a day can reduce cardiovascular disease by 21% and diabetes by 8% and save \$200 million a year in health spending. She said that one of the limitations of ITHIM is that it doesn't include the building up to these scenarios.

Mr. Tim Roach asked if these scenarios can be translated into the number of people affected over a certain time frame. She said yes. Mr. Bill McCord asked if the model is sensitive to lifestyle vs. genetics of an individual. Ms. Meehan said that all diseases included showed that increased activity helped regardless of the genetics of the person. Mr. Brashear said that for a public presentation, there needs to be more focus on backing up the study's writers (qualifications, etc.).

Mr. Andy Barlow asked if in relationship to transportation planning is the model showing just baseline activity or is it trying to translate some auto trips into other modes. Ms. Meehan said that model is setup based on the scenario where auto trips are shifted to other modes of transportation. Mr. Roach asked how often the model

would be run to take into account changes in current conditions. Ms. Meehan said that it can be run whenever new numbers are available. This model is good at running “what if” scenarios.

Findings from Regional Bicycle and Pedestrian Planning Activities

Ms. Meehan presented findings from the recent update to regional bicycle and pedestrian datasets and analysis including levels of service, latent demand model, physical activity data, congested roadways, bicycle and pedestrian crashes and health priority areas. Over the past few years sidewalks have increased 57%, bikeways have increased 19%, and greenways have increased 36% in the MPO area.

The bicycle level of service (BLOS) is based on 1) average effective width of the outside thru lane, 2) motorized vehicle volumes, 3) motorized vehicle speeds, 4) heavy vehicle – truck – volumes, and 5) pavement conditions. The BLOS for 2,164 miles of all inventoried roads is C or better with 1,106 miles having a BLOS of D or worse. The pedestrian level of service (PLOS) is based on 1) existence of a sidewalk, 2) lateral separation of pedestrians from motorized vehicles, 3) motorized vehicle volumes, and 4) motorized vehicle speeds. The PLOS of 2,044 miles inventoried is C or better with 1,225 miles having a PLOS of D or worse. Mr. McCord said that maintenance of the bike lanes and sidewalks is important. Ms. Meehan said though important, it is difficult to measure. Mr. Roach asked if these numbers take into account crosswalks. Ms. Meehan said it doesn't nor does it take into account intersections.

Ms. Meehan said that said that the non-motorized demand model was also updated. This is the model that helps look at how many potential walk/bike trips could be taken if the network was ideal. It is based on proximity that is parcel-based and has limitations. The model shows physical activity from active transportation and how congestion impacts active transportation. One of the updates was the health priority areas which showed poverty, unemployment, carless household, and aging. The research shows certain population groups have a higher disparity. These groups include low income, minority, and older adults (over 65).

The BPAC weighted priorities are 1) bike/ped trip demand, 2) BLOS & PLOS, 3) health, 4) congestion, and 5) safety.

She said that the staff is doing greenways inventory in the region. She asked that the members send in all relevant information regarding the greenways in their jurisdiction.

Ms. Meehan said that all of the technical information is broken down by county and is on our website.

More information can be found in the technical memorandums posted on the MPO website at:

http://www.nashvillempo.org/regional_plan/walk_bike/regional_study.aspx

Ms. Meehan said that

- TDOT/FHWA will be holding an Exchange Road Diet event on April 9th from 1-3.
- There will be a Tennessee Greenways and Trail Conference on April 15th-17th at Montgomery Bell State Park.
- There will be a Tennessee Bike Summit in Knoxville on April 23rd-24th.

Mr. Roach asked if the health priority areas data available for the NashvilleNext report. Ms. Meehan said that the information hasn't been released yet. She would get with Metro.

Mr. Skipper thanked Ms. Meehan for her leadership role in all of this.

MPO Name Change

Mr. Tim Roach moved to adopt the new name of Agency for the Welfare of Excellence in Systems Optimization, Maintenance, and Efficiency (AWESOME) with Mr. Rick Gregory seconding.

APRIL FOOLS!!

MPO Director's Report

- Mr. Michael Skipper, MPO Director, said that staff will be ready to present initial project scoring results in May. There may need to be special workshops to go over the project priorities.
- Update on the Prospectus and Organizational Bylaws Revisions
Mr. Skipper said that he has incorporated all comments he has received to-date and if anyone has comments to please let him know prior to the April Executive Board meeting. The Board will endorse the updated document at the April 15th meeting.
Mr. Tom Brashear said that, regarding the public comment earlier, that it is not a good idea for the MPO to be under TDOT.
- Update on the Legislative bills
He said that the bills filed in the Legislature have been amended and now leaves the MPO structure intact, but requires that a representative from the county highway departments be on the Board. He said that clarification on who would appoint this representative is still needed.

In regards to the weighted vote issue, the bill would eliminate this option. This is an important tool that allows the Board to be the representative of the population. The current Bylaws allow the weighted vote to be used on actions related to the RTP, TIP, and Bylaws and has to have 66% of the vote to pass.

Other Business

Ms. Caryn Miller said that the elected officials in Millersville are adamant in connecting to the greenways of White House and Goodlettsville. She will talk with Ms. Meehan about this.

Mr. Larry McGoogin said that TDOT is doing its 25-year Long-Range Transportation Plan and has eight policies covering a wide range of topics including Accessibility, Trends, Mobility, Freight, Funding, Safety, Coordination, and Performance. If you would like to comment on the new direction laid out for the Department in these papers, we have provided a comment form in order to capture those opinions. The comment period is open until April 20, 2015.

<http://www.tdot.state.tn.us/transportationplan/policy.htm>

Mr. Felix Castrodad said that the MTA is having public meetings regarding their upcoming Strategic Plan and the Northwest Corridor Study. The information about the public meetings can be found below.

Strategic Plan public meetings - <http://www.nashvillemta.org/pdf/fn328.pdf>

Northwest Corridor Study public meetings -
http://www.nwcorridorstudy.com/get_involved/

Mr. Michael Briggs said that the draft of the NashvilleNext document is online for comments. www.nashvillenext.net

Ms. Meehan said that the members can go for a bicycle ride using the BCycles for free following the meeting. The BCycle in Nashville has 30 stations with 263 bikes. It was launched in December 2012 and, to-date, over 100,000 trips have been taken.

With no further business, the meeting was adjourned at 12:05 p.m.

Date: _____

Doug Demosi, Chair
Technical Coordinating Committee

Michael Skipper, AICP
Executive Director & Secretary

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
 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 Amendment – June 2015

TIP Amendment # 2015-028

TIP #: 2008-15-049
2035 RTP ID: 1015-313
Project: MTA - Administration Building Rehabilitation (Nestor)
Requested By: MTA
Phase: CONSTRUCTION
Fiscal Year(s): 2014, 2015
Proposed Changes: Add funds
Total Project Cost: \$4,620,000

FROM: \$2,812,500

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	CONSTRUCTION	FTA 5307	625,000	500,000	62,500	62,500
2017	IMPLEMENTATION	FTA 5307	2,187,500	1,750,000	218,750	218,750
Total			2,812,500	2,250,000	281,250	281,250

TO: \$4,620,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	CONSTRUCTION	FTA 5307	625,000	500,000	62,500	62,500
2015	CONSTRUCTION	FTA 5307	3,995,000	3,196,000	399,500	399,500
2017	IMPLEMENTATION	FTA 5307	0	0	0	0
Total			4,620,000	3,696,000	462,000	462,000

Description:

Phase III of rehabilitation/renovation of administration and maintenance facilities and additional office space at Nestor.

Background:

MTA is proposing to advance the project schedule and add \$3,196,000 (federal) in FYs 2014 and 2015 FTA 5307 funds shifted to the project from TIP #2008-17-021. Projected FY 2017 funding amounts will drop from the project.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-029

TIP #: 2014-15-056
2035 RTP ID: Consistent
Project: Renovate MTA Headquarters (Myatt Drive Facility)
Requested By: MTA
Phase: CONSTRUCTION
Fiscal Year(s): 2014, 2015
Proposed Changes: Add funds
Total Project Cost: \$4,100,000

FROM: \$1,015,797

<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	FTA 5307	1,015,797	812,637	101,580	101,580
Total			1,015,797	812,637	101,580	101,580

TO: \$4,100,000

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	IMPLEMENTATION	FTA 5307	1,015,797	812,637	101,580	101,580
2015	IMPLEMENTATION	FTA 5307	3,084,203	2,467,362	308,420	308,420
Total			4,100,000	3,279,999	410,000	410,000

Description:

Rehab/renovate the existing MTA Headquarters at Myatt Drive to complete the section of the building previously occupied by the Metro Police Department.

Background:

MTA is proposing to add a total of \$2,467,362 (federal) to the project in FY 2015: \$2,330,152 (federal) in previously unobligated FY 2013 FTA 5307 funds and \$137,210 (federal) in FY 2015 FTA 5307 funds shifted from TIP # 2008-17-021. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-030

TIP #: 2008-17-021
2035 RTP ID: 1015-312
Project: Computer Aided Dispatch (CAD), Automatic Vehicle Location (AVL) & Intelligent Transportation System (ITS)
Requested By: MTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2014, 2015
Proposed Changes: Shift funds
Total Project Cost: \$152,362

FROM: \$4,318,876

<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	FTA 5307	2,318,876	1,855,100	231,888	231,888
2015	IMPLEMENTATION	FTA 5307	2,000,000	1,600,000	200,000	200,000
Total			4,318,876	3,455,100	431,888	431,888

TO: \$152,362

<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	FTA 5307	0	0	0	0
2015	IMPLEMENTATION	FTA 5307	152,362	121,890	15,236	15,236
Total			152,362	121,890	15,236	15,236

Description:

Intelligent transportation equipment is being installed at MTA HQ operations centers and downtown Nashville’s Music City Central, and on all fleet vehicles which travel throughout Davidson County and surrounding areas to track bus location.

Background:

MTA is proposing to shift \$3,196,000 (federal) in FYs 2014 and 2015 FTA 5307 funds to TIP #2008-15-49 and \$137,210 (federal) in FY 2015 FTA 5307 funds to TIP #2014-15-056. This project will be implemented using other funding sources.

**FY 2014-2017 TIP Amendment – June 2015****TIP Amendment # 2015-031**

TIP #: 2013-85-211
2035 RTP ID: Consistent
Project: Installation of Wi-Fi on Music City Star train
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New project
Total Project Cost: \$3,000

TO: \$3,000

<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	FTA 5307	3,000	2,400	300	300
Total			3,000	2,400	300	300

Description:

This project is for installation of Wi-Fi on the rail cars for passenger convenience.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in the FY 2011-15 TIP, but was not carried forward. RTA is proposing to add \$2,400 (federal) in previously unobligated FY13 FTA 5307 funds. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-032

TIP #: 2013-85-208
2035 RTP ID: Consistent
Project: Music City Star Rail Replacement/Track Rehab
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New project
Total Project Cost: \$3,600,000

TO: \$3,600,000

<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	FTA 5307	3,600,000	2,880,000	360,000	360,000
Total			3,600,000	2,880,000	360,000	360,000

Description:

This is for phase II of track rehabilitation. Details of the project include adding additional ties, spikes, ballasts, culverts and welding of rail needed to improve safety, ride comfort, and increase speed allowances on Music City Star rail line.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. The project was in FY 2011-2015 TIP, but was not carried forward. RTA is proposing to add \$2,880,000 (federal) of previously unobligated FY13 FTA 5307 funds to the project. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-033

TIP #: 2013-85-210
2035 RTP ID: Consistent
Project: Stationary Fare Collection Equipment
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New project
Total Project Cost: \$1,300,000

TO: \$1,300,000

<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	FTA 5307	1,300,000	1,040,000	130,000	130,000
Total			1,300,000	1,040,000	130,000	130,000

Description:

Details of this project include the purchase and installation of Ticket Vending Machines (TVMs) at Music City Star train stations to sell tickets and passes for Music City Star operation.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in FY 2011-2015 TIP, but not carried forward. RTA is proposing to add \$1,040,000 (federal) in previously unobligated FY13 FTA 5307 funds. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-034

TIP #: 2011-85-127
2035 RTP ID: 1085-328
Project: Media Fare Purchase
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New project
Total Project Cost: \$320,500

TO: \$320,500

<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 5307	302,500	242,000	32,050	32,050
Total			302,500	242,000	32,050	32,050

Description:

Details of this project include the purchase of mobile fare collection and validation equipment for RTA.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in the FY 2011-2015 TIP, but was not carried forward. RTA is proposing to add \$242,000 (federal) in previously unobligated FY13 FTA 5307 funds to this project. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-035

TIP #: 2013-85-207
2035 RTP ID: Consistent
Project: Music City Star Passing Siding
Requested By: RTA
Phase: CONSTRUCTION
Fiscal Year(s): 2015, 2016
Proposed Changes: New project
Total Project Cost: \$1,055,000

TO: \$1,055,000

<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	FTA 5307	750,000	600,000	75,000	75,000
2016	IMPLEMENTATION	FTA 5307	305,000	244,000	30,500	30,500
Total			1,055,000	844,000	105,500	105,500

Description:

Project details include matching track with the curve length thus allowing the switches to be placed on the tangent at each end of the curve. This allows the siding to be situated closer to the station, which is lengthening the amount of track and placing the switches as needed. Passing siding will improve operational efficiency.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in the FY 2011-2015 TIP, but was not carried forward. RTA is proposing to add \$844,000 (federal) in previously unobligated FY13 FTA 5307 funds. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-036

TIP #: 2013-85-209
2035 RTP ID: Consistent
Project: Shore Power for Music City Star Riverfront Station
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New Project
Total Project Cost: \$50,000

TO: \$50,000

<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	FTA 5307	50,000	40,000	5,000	5,000
Total			50,000	40,000	5,000	5,000

Description:

Details of the project include installation of 480v electrical power at Riverfront Station in downtown Nashville.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in FY 2011-2015 TIP, but was not carried forward. RTA is proposing to add \$40,000 (federal) in previously unobligated FY13 FTA 5307 funds for the project. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-037

TIP #: 2013-85-213
2035 RTP ID: Consistent
Project: Rehab/Renovate Stations
Requested By: RTA
Phase: IMPLEMENTATION
Fiscal Year(s): 2015
Proposed Changes: New project
Total Project Cost: \$610,000

TO: \$610,000

<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	FTA 5307	610,000	488,000	61,000	61,000
Total			610,000	488,000	61,000	61,000

Description:

Details on this project include rehabilitation at the Music City Star rail stations, including upgraded security features.

Background:

This is a new project for inclusion in the FY 2014-2017 TIP. It was in FY 2011-2015 TIP, but was not carried forward. RTA is proposing to add \$488,000 (federal) in previously unobligated FY13 FTA 5307 funds to this project. Older funds have been confirmed to be available.



NASHVILLE AREA

Metropolitan Planning Organization

DRAFT

FY 2014-2017 TIP Amendment – June 2015

TIP Amendment # 2015-038

TIP #: 2014-85-055

2035 RTP ID: Consistent

Project: RTA Operations

Requested By: RTA

Phase: OPERATIONS

Fiscal Year(s): 2015, 2016

Proposed Changes: Add funds

Total Project Cost: \$2,179,600

FROM: \$681,125

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2014	OPERATIONS	FTA 5307	681,125	544,900	68,112	68,112
Total			681,125	544,900	68,112	68,112

TO: \$2,179,600

<i>FY</i>	<i>Type of Work</i>	<i>Funding</i>	<i>Total</i>	<i>Federal</i>	<i>State</i>	<i>Local</i>
2015	OPERATIONS	FTA 5307	1,089,800	544,900	272,450	272,450
2016	OPERATIONS	FTA 5307	1,089,800	544,900	272,450	272,450
Total			2,179,600	1,089,800	544,900	544,900

Description:

Operation of regional express bus services.

Background:

RTA is proposing to add \$544,900 (federal) in previously unobligated FY13 FTA 5307 funds for the project for FY16 and correct the required match amount to 50% (25% State/25% Local) of the total project amount. Older funds have been confirmed to be available.