

April 1, 2013

Ms. Rhiannon Chambers
Program Development & Scheduling Office
Tennessee Department of Transportation
505 Deaderick Street, Suite 600
Nashville, Tennessee 37243

Re: March 2013 FY 2011-15 TIP Amendments for the Nashville Area MPO

Dear Ms. Chambers:

Enclosed is an amendment package to the Nashville Area MPO's FY 2011-2015 Transportation Improvement Program (TIP). The amendments were adopted by the MPO Executive Board at its March 20, 2013 meeting. The following projects are included for your review:

TIP#	Project	Sponsor	Amendment
2004-051	SR-247 (Duplex Road) Widening	City of Spring Hill	Add funds
2011-76-035	Cedar City Trail – Phase 5 (Bartons Creek South)	City of Lebanon	Revise funding source; revise description; add funds
2011-610-165	Fairview 3R Improvement Projects Grouping	City of Fairview	Add funds
2012-61-175	City Center Way Extension	City of Fairview	Delete from TIP
2013-87-217	Regional Traffic Management Study and Signal Optimization Plan	City of Brentwood/ Metro Nashville	Add project to TIP
2013-77-218	SR-171 (Mt. Juliet Rd) Traffic Adaptive Signal Control System Corridor Optimization Project		Add project to TIP
2013-67-219	North Berry's Chapel Rd Intersection with Lynwood Way Connector		Add project to TIP
2011-89-9999	Regional ITS & System Management Projects with U-STP	МРО	Shift funds

Copies of the original and revised TIP pages are included for your reference. The amendments have been made according to the procedures identified in the MPO's federally-approved Public Participation Plan and result in a fiscally constrained TIP.

Please consider this a formal request to amend the STIP. Thank you for your assistance in processing this request. If you have any questions or comments, please contact me or Félix Castrodad at 862-7204.

Best,

Michael Skipper, AICP Executive Director

CC w/enclosures:

Mr. Rick Pack, TDOT

Ms. Angie Midgett, TDOT Ms. Teresa Estes, TDOT Ms. Kim Thompson, TDOT Ms. Lisa Dunn, TDOT Ms. Liza Joffrion, TDOT Mr. Alan Jones, TDOT Ms. Linda Tidwell, TDOT

Mr. Victor Lay, City of Spring Hill
Mr. Paul Corder, City of Lebanon
Ms. Lanette Phillips, City of Lebanon
Mr. Donn Lovvorn, City of Fairview
Mr. Kirk Bednar, City of Brentwood
Mr. Billy Davis, Metro Nashville
Mr. Marlin Keel, City of Mt. Juliet
Ms. Isabelle Ford, City of Mt. Juliet
Mr. Joe Horne, Williamson County
Mr. Greg Boll, Williamson County

Mr. Jim McAteer, MPO TCC Chair

The Honorable Rogers Anderson, MPO Executive Board Chair

**Enclosures** 



April 1, 2013

Ms. Liza Joffrion
Director of Multimodal Transportation Resources
Multimodal Transportation Resources Division
Tennessee Department of Transportation
Suite 1800, James K. Polk Bldg.
Nashville, Tennessee 37243

Re: March 2013 FY 2011-15 TIP Amendments for the Nashville Area MPO

Dear Ms. Joffrion:

Enclosed is an amendment package to the Nashville Area MPO's FY 2011-2015 Transportation improvement Program (TIP). The amendments were adopted by the MPO Executive Board at its March 20, 2013 meeting. The following MTA, RTA and Rover transit projects are included for your review:

TIP#	Project	Sponsor	Amendment	
2008-15-046	Project Administration for Grant Programs	Nashville MTA	Add funds	
2008-15-052	AccessRide Buses	Nashville MTA	Add funds	
2013-15-203	Charging Stations	Nashville MTA	Add project to TIP	
2008-15-054	Bus Purchase & Replacement	MTA	Add funds	
2013-89-204	013-89-204 Clarksville Commuter Rail Study		Add project to TIP	
2013-89-205	Positive Train Control Technology	RTA	Add project to TIP	
2013-85-206	Miscellaneous Support Equipment & Passenger Amenities	RTA	Add project to TIP	
2013-85-207	Music City Star Passing Siding	RTA	Add project to TIP	
2013-85-208	Music City Star Rail Replacement/ Track Rehab	RTA	Add project to TIP	
2013-85-209	Shore Power for Music City Star Riverfront Station	RTA	Add project to TIP	
2013-85-210	Stationary Fare Collection	RTA	Add project to TiP	
2013-85-211	Installation of Wi-Fi on Music City Star train	RTA	Add project to TIP	
2013-85-212	Purchase and/or Rehab Locomotive and Rail Cars	RTA	Add project to TIP	

T(P#	Project	Sponsor	Amendment
2013-85-213	Rehab/Renovate Stations	RTA	Add project to TIP
2013-85-214	Storage and Maintenance Yard for Railcars	RTA	Add project to TIP
2013-85-215	Spare parts for stock	RTA	Add project to TIP
2013-45-216	5309 (SGR) Bus Replacement	Murfreesboro Rover	Add project to TIP

Copies of the original and revised TIP pages are included for your reference. The amendments have been made according to the procedures identified in the MPO's federally-approved Public Participation Plan and result in a fiscally constrained TIP.

Please consider this a formal request to amend the STIP. Thank you for your assistance in processing this request. If you have any questions or comments, please contact me or Félix Castrodad at 862-7204.

Best,

Michael Skipper, AICP Executive Director

CC w/enclosures:

Ms. Angie Midgett, TDOT

Mr. Rick Pack, TDOT Ms. Teresa Estes, TDOT

Ms. Ronda Hirst, TDOT

Ms. Rhiannon Chambers, TDOT

Ms. Nellie Patton, City of Murfreesboro Mr. Dana Richardson, City of Murfreesboro

Ms. Pat Downs, MTA/RTA

Mr. Jim McAteer, MTA/RTA and MPO TCC Chair

The Honorable Rogers Anderson, MPO Executive Board Chair

**Enclosures** 

#### MPO RESOLUTION 2013-001

### A RESOLUTION AMENDING THE TRANSPORTATION IMPROVEMENT PROGRAM FOR FEDERAL FISCAL YEARS 2011 THROUGH 2015

WHEREAS, the Nashville Area Metropolitan Planning Organization (MPO) is responsible for the development and adoption of a Transportation Improvement Program (TIP) for the metropolitan planning area in cooperation with the state, local governments, and public transit operators; and

WHEREAS, on December 15, 2010, the MPO adopted the TIP for federal fiscal years 2011 through 2015 to advance projects contained within the MPO's 2035 Regional Transportation Plan; and

WHEREAS, the TIP consists of a staged multi-year program of federally and regionally significant transportation improvement projects that are financially constrained by year and includes an annual element for Metropolitan Nashville and Davidson County, Rutherford County, Sumner County, Williamson County, Wilson County, and portions of Maury and Robertson counties; and

WHEREAS, the MPO's Public Participation Plan allows the public and interested stakeholders a period of no less than 21 days to review proposed amendments to the TIP; and

WHEREAS, the following amendments have met all public noticing requirements, are consistent with the 2035 Regional Transportation Plan, and conform to the requirements of Title 23 Code of Federal Regulations Part 450.324;

**NOW, THEREFORE, BE IT RESOLVED** by the Executive Board of the Nashville Area Metropolitan Planning Organization, that the Fiscal Years 2011 through 2015 Transportation Improvement Program is amended as follows.

Amend#	Project Description	Proposed Change
2013-001	MTA - Project Administration for Grant Programs	Add funds
2013-002	MTA – AccessRide Buses	Add funds
2013-003	MTA - Charging Stations	Add project to TIP
2013-005	MTA – Bus Purchase & Replacement	Add funds
2013-006	RTA - Clarksville Commuter Rail Study	Add project to TIP
2013-007	RTA - Positive Train Control Technology	Add project to TIP
2013-008	RTA - Misc. Support Equipment & Passenger Amenities	Add project to TIP
2013-009	RTA - Music City Star Passing Siding	Add project to TIP
2013-010	RTA - Music City Star Rail Replacement/Track Rehab	Add project to TIP
2013-011	RTA - Shore Power for MCS Riverfront Station	Add project to TIP
2013-012	RTA - Stationary Fare Collection Equipment	Add project to TIP
2013-013	RTA - Installation of Wi-Fi on Music City Star Train	Add project to TIP
2013-014	RTA - Purchase and/or Rehab Locomotive & Railcars	Add project to TIP
2013-015	RTA - Rehab/Renovate Train Stations	Add project to TIP
2013-016	RTA - Storage and Maintenance Yard for Railcars	Add project to TIP
2013-017	RTA - Spare parts for stock	Add project to TIP
2013-018	Murfreesboro (Rover) - 5309 (SGR) Bus Replacement	Add project to TIP
2013-019	Murfreesboro - Middle Tennessee Boulevard	Shift; add funds
2013-020	Spring Hill - SR-247 (Duplex Road) Widening	Add funds
2013-021	Lebanon - Cedar City Trail Phase 5 (Bartons Creek South)	Change; add funds

Amend#	Project Description	Proposed Change
2013-022	Fairview - 3R Improvement Projects Grouping	Add funds
2013-023	Fairview - City Center Way Extension	Delete from TIP
2013-024	Brentwood/Metro - Regional Traffic Management Study and Signal Optimization Plan	Add project to TIP
2013-025	Mt. Juliet - SR-171 (Mt. Juliet Rd) Traffic Adaptive Signal Control System Corridor Optimization Project	Add project to TIP
2013-026	Williamson Co North Berry's Chapel Rd Intersection with Lynnwood Way Connector	Add project to TIP
2013-027	MPO - Regional ITS & System Management Projects with U-STP	Shift funds

Adopted this  $20^{th}$  day of March, 2013 by the Executive Board of the Nashville Area Metropolitan Planning Organization.

The Honorable Mayor Rogers Anderson Chairman, MPO Executive Board

Attest:

Michael Skipper, AICP

Executive Director and Secretary of the Board

#### MPO RESOLUTION 2010-008

#### A RESOLUTION ADOPTING THE 2035 REGIONAL TRANSPORTATION PLAN

WHEREAS, the Nashville Area Metropolitan Planning Organization (MPO) is responsible for carrying out a comprehensive, cooperative, and continuing transportation planning process throughout Davidson, Rutherford, Sumner, Williamson, Wilson and portions of Maury and Robertson counties; and

WHEREAS, the Safe, Accountable, Flexible, Efficient, Transportation Equity Act – A Legacy for Users (SAFETEA-LU), passed by the United States Congress and signed into law by the President in 2005, requires that each MPO adopt a long range transportation plan to help guide federal investments in transportation infrastructure; and

WHEREAS, various federal, state, regional, and local agencies and organizations concerned with transportation planning for the MPO area have cooperatively developed the 2035 Regional Transportation Plan to satisfy federal planning requirements of SAFETEA-LU; and

WHEREAS, the MPO has followed the prescribed guidance for the development of the long range transportation plan, as found in the Final Rule for Metropolitan Planning in the Federal Register, February 14, 2007 under section 450.322, in the preparation of the 2035 Regional Transportation Plan; and

WHEREAS, the MPO has involved the public and interested stakeholders in an open and transparent process as detailed by the MPO's Public Participation Plan which includes a public review and comment period of no less than 30 days, at least one public workshop in each of the counties of the MPO, and two formal public hearings; and

WHEREAS, the 2035 Regional Transportation Plan is consistent with state and local transportation plans and programs and has been determined to be in conformity with the Clean Air Act Amendments of 1990;

NOW, THEREFORE, BE IT RESOLVED by the Executive Board of the Nashville Area MPO, that 2035 Regional Transportation Plan is adopted in order to ensure the continued livability, sustainability, prosperity, and diversity of Middle Tennessee by serving as the basis for future transportation planning and programming decisions for the region.

Adopted this 15th day of December, 2010 by the Executive Board of the Nashville Area Metropolitan Planning Organization.

The Honorable Mayor Karl F. Dean Chairman, MPO Executive Board

Attest:

Michael Skipper, AICP

Secretary, MPO Executive Board

#### MPO RESOLUTION 2010-009

#### A RESOLUTION ADOPTING THE TRANSPORTATION IMPROVEMENT PROGRAM FOR FEDERAL FISCAL YEARS 2011 THROUGH 2015

WHEREAS, the Nashville Area Metropolitan Planning Organization (MPO) is responsible for carrying out a comprehensive, cooperative, and continuing transportation planning process throughout Davidson, Rutherford, Sumner, Williamson, Wilson and portions of Maury and Robertson counties; and

WHEREAS, the Safe, Accountable, Flexible, Efficient, Transportation Equity Act – A Legacy for Users (SAFETEA-LU), passed by the United States Congress and signed into law by the President in 2005, requires that each MPO adopt a short-range work program that consists of federally funded and/or regionally significant transportation improvement projects within the metropolitan area; and

WHEREAS, various federal, state, regional, and local agencies and organizations concerned with transportation planning for the MPO area have cooperatively developed the Transportation Improvement Program (TIP) for Federal Fiscal Years 2011 through 2015 to satisfy federal planning requirements of SAFETEA-LU; and

WHEREAS, the TIP is comprised of projects that are derived from the MPO's adopted 2035 Regional Transportation Plan, is consistent with local and state transportation plans, and has met the requirements of Title 23 Code of Federal Regulations Part 450.324; and

WHEREAS, the MPO has involved the public and interested stakeholders in an open and transparent process as detailed by the MPO's Public Participation Plan which includes a public review and comment period of no less than 21 days and two formal public hearings;

NOW, THEREFORE, BE IT RESOLVED by the Executive Board of the Nashville Area MPO, that Transportation Improvement Program for Federal Fiscal Years 2011 through 2015 is adopted in order to ensure the continued livability, sustainability, prosperity, and diversity of Middle Tennessee by implementing the short-range component of the 2035 Regional Transportation Plan.

Adopted this  $15^{th}$  day of December, 2010 by the Executive Board of the Nashville Area Metropolitan Planning Organization.

The Honorable Mayor Karl F. Dean Chairman, MPO Executive Board

Attest:

Michael Skipper, AICP

Secretary, MPO Executive Board



Tennessee Division

January 7, 2011

404 BNA Drive, Suite 508 Nashville, Tennessee 37217 Phone (615) 781-5770 Fax (615) 781-5773 www.fhwa.dot.gov

Mr. Paul Degges Chief Engineer Tennessee Department of Transportation James K. Polk Building, Suite 700 Nashville, TN 37243-0349

In Reply Refer To: HPP-TN

Subject: 2011-2014 Nashville and Jackson TIPs

Dear Mr. Degges:

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) have reviewed the Statewide Transportation Improvement Program (STIP) Amendment for Fiscal Years 2011-2014. The 23 CFR 450.220 requires FHWA and FTA approval of the STIP at least every four years. This amendment includes Transportation Improvement Programs without modification for the Nashville and Jackson Metropolitan Planning Organizations.

The Tennessee Department of Transportation has provided appropriate public involvement for the STIP amendment, and has documented appropriate fiscal constraint.

The FHWA and FTA approve the FY 2011-2014 STIP, as amended, based on the requirements of the 23 CFR 450. If you have any questions regarding this approval, please contact Britta Stein at (615) 781-5792, or Elizabeth Martin of FTA at (404) 865-5612.

Sincerely,

Pamela M. Kordenbrock Division Administrator

cc: Mr. Joe Carpenter, Chief Environment & Planning Bureau, TDOT

Ms. Jeanne Stevens, Director, Long Range Planning, TDOT

Mr. Jim Moore, Director, Program Development, TDOT

Ms. Deborah Fleming, MPO Program Coordinator, TDOT

Ms. Angela Midgett, MPO Program Coordinator, TDOT

Mr. Keith Donaldson, MPO Coordinator, MPO

Mr. Michael Skipper, MPO Coordinator, Nashville MPO

Ms. Elizabeth Martin, Community Planner, FTA Region 4

Ms. Valencia Williams, Community Planner, FTA Region 4

Ms. Jamie Pfister, Planning & Program Director, FTA Region 4





**TIP Amendment # 2013-001** 

**TIP #:** 2008-15-046

**2035 RTP ID:** 1015-310

Project: Project Administration for Grant Programs

Requested By: Nashville Metropolitan Transit Authority (MTA)

Phase: Implementation

Fiscal Year(s): 2013, 2014
Proposed Changes: Add funds

Total Project Cost: \$782,000

FROM: \$500,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
2012	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
2013	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
2014	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
Total			500,000	400,000	50,000	50,000

TO: \$782,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
2012	IMPLEMENTATION	5307	125,000	100,000	12,500	12,500
2013	IMPLEMENTATION	5307	332,000	265,600	33,200	33,200
2014	IMPLEMENTATION	5307	200,000	160,000	20,000	20,000
Total			782,000	625,600	78,200	78,200

**Description:** Cover costs associated with Project Administration such as administrative

software and the cost for the management of grants and any grant-related

project.

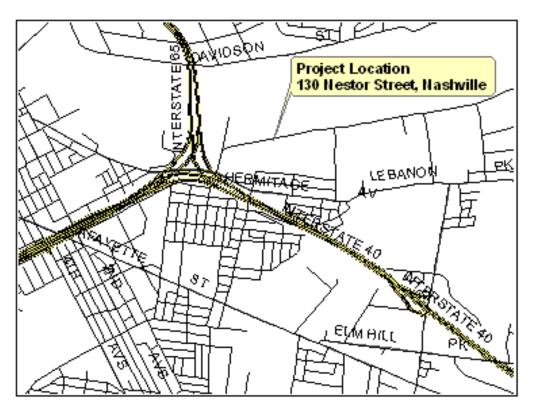
Background: This is a project in the current TIP. The amendment adds \$165,600

(federal share) in FTA 5307 funds in FY13 and \$60,000 (federal share) in FY14. Additional funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.





<b>TIP #</b> 2008-15-046	TDOT PIN #	Improvement	t Type Transit	L	ead Agency	1TA
County Davidson	<b>Length</b> mi	RTP# 10	15-310	Confor	mity Status E	xempt
Route/Project Name	Project Administration for Grant P	'rograms		Total P	Project Cost \$	500,000
Termini or Intersection 130 Nestor Street - Administration Building						
Project Description  Cover costs associated with Project Administration such as administrative software and the cost for the management of grants and any grant-related project.						
Fiscal Year Type	e of Work Funding T	Type Tot	tal Funds	Fed Funds	State Funds	Local Funds
2011 IMPLEME	ENTATION 5307		\$125,000	\$100,000	\$12,500	\$12,500
2012 IMPLEME	ENTATION 5307		\$125,000	\$100,000	\$12,500	\$12,500
2013 IMPLEME	ENTATION 5307		\$125,000	\$100,000	\$12,500	\$12,500
2014 IMPLEME	ENTATION 5307		\$125,000	\$100,000	\$12,500	\$12,500
IMPLEMENTATION   5307   \$125,000   \$100,000   \$12,500   \$12,500						

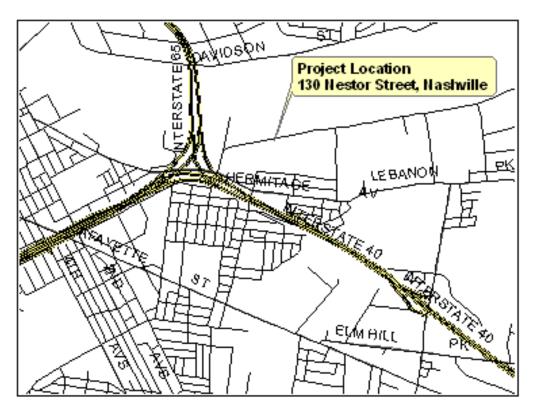


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 8:27:49 AM	Page 16 of 264





TIP # 2008-15-046	TDOT PIN #	Improvement Type Tra	ansit Lead Agency	MTA		
County Davidson	<b>Length</b> mi	RTP# 1015-310	Conformity Status	Exempt		
Route/Project Name	Project Administration for Grant Pr	rograms	Total Project Cost	\$782,000		
Termini or Intersection [130 Nestor Street - Administration Building						
Project Description	Project Description  Cover costs associated with Project Administration such as administrative software and the cost for the management of grants and any grant-related project.					
Fiscal Year Type	e of Work Funding Ty	ype Total Funds	Fed Funds State Funds	Local Funds		
2011 IMPLEME	ENTATION 5307	\$125,00	\$100,000 \$12,500	\$12,500		
2012 IMPLEME	ENTATION 5307	\$125,00	\$100,000 \$12,500	\$12,500		
2013 IMPLEME	ENTATION 5307	\$332,00	90 \$265,600 \$33,200	\$33,200		
2014 IMPLEME	ENTATION 5307	\$200,00	\$160,000 \$20,000	\$20,000		
Modified on   Modified on   \$200,000   \$160,000   \$20,						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:03:25 AM	Page 16 of 264



**TIP Amendment # 2013-002** 

**TIP #:** 2008-15-052

**2035 RTP ID:** 1015-316

Project: AccessRide Buses

Requested By: Nashville Metropolitan Transit Authority (MTA)

Phase: Implementation

Fiscal Year(s): 2013, 2014
Proposed Changes: Add funds

Total Project Cost: \$9,560,000

FROM: \$6,800,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
2012	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
2013	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
2014	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
Total			6,800,000	0	0	6,800,000

TO: \$9,560,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
2012	IMPLEMENTATION	LOCAL	1,700,000	0	0	1,700,000
2013	IMPLEMENTATION	LOCAL	3,360,000	0	0	3,360,000
2014	IMPLEMENTATION	LOCAL	2,800,000	0	0	2,800,000
Total			9,560,000	0	0	9,560,000

**Description:** Replace and expand fleet for AccessRide paratransit buses.

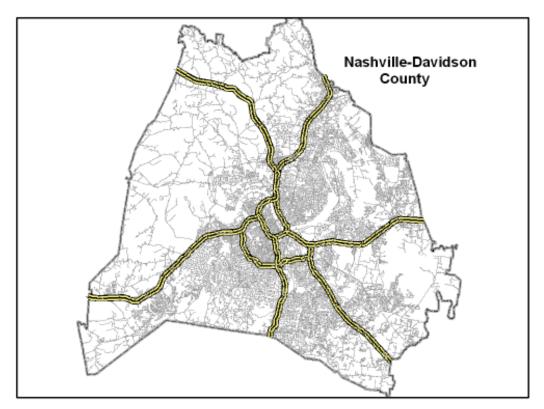
Background: This is a project in the current TIP. The amendment adds a total of

\$1,660,000 in Local funds in FY 2013 and \$1,100,000 in FY 2014.





TIP # 2008-15-052  County Davidson  Route/Project Name  Termini or Intersection	Length  ACCESSRIDE Buses  Davidson County	mi RTP		Lead Agency Conformity Status Total Project Cost	
	Project Description Replace and expand fleet for ACCESSRIDE paratransit buses				
2011 IMPLEM 2012 IMPLEM 2013 IMPLEM	e of Work  ENTATION LOC  ENTATION LOC  ENTATION LOC  ENTATION LOC	CAL	Total Funds \$1,700,000 \$1,700,000 \$1,700,000 \$1,700,000	Fed Funds  State Funds	\$1,700,000 \$1,700,000 \$1,700,000 \$1,700,000
Remarks  Amendment 1 #					

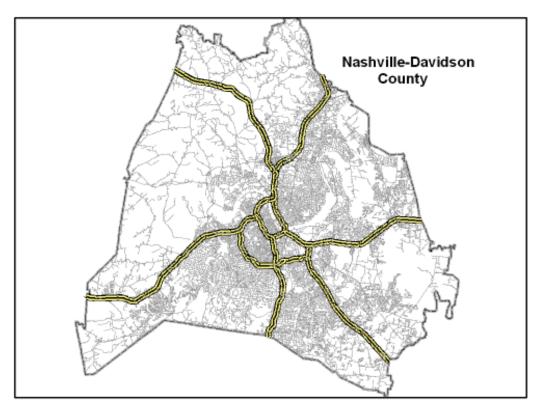


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 8:56:06 AM	Page 20 of 264





<b>TIP #</b> 2008-15-052	TDOT PIN #	Improvemen	nt Type Transit C	Capital	Lead Agency M	TA
County Davidson	<b>Length</b> mi	RTP#	015-316	Confo	ormity Status E	rempt
Route/Project Name	Route/Project Name ACCESSRIDE Buses Total Project Cost \$9,560,000					
Termini or Intersection Davidson County						
Project Description Replace and expand fleet for ACCESSRIDE paratransit buses						
Fiscal Year Ty	pe of Work Funding	Туре То	otal Funds	Fed Funds	State Funds	Local Funds
2011 IMPLEN	MENTATION LOCAL		\$1,700,000	\$0	\$0	\$1,700,000
2012 IMPLEN	MENTATION LOCAL		\$1,700,000	\$0	\$0	\$1,700,000
2013 IMPLEN	MENTATION LOCAL		\$3,360,000	\$0	\$0	\$3,360,000
2014 IMPLEN	MENTATION LOCAL		\$2,800,000	\$0	\$0	\$2,800,000
Remarks						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:05:12 AM	Page 20 of 264



**TIP Amendment # 2013-003** 

TIP #: 2013-15-203 – NEW PROJECT

2035 RTP ID: Consistent

Project: Charging Stations

Requested By: Nashville Metropolitan Transit Authority (MTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$30,000

TO: \$30,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	IMPLEMENTATION	5307	30,000	24,000	3,000	3,000
Total			30,000	24,000	3,000	3,000

**Description:** Install electric vehicle charging stations at MTA facilities on Myatt Drive

and Nestor Street.

**Background:** This is a project in the current TIP. The amendment adds \$24,000 (federal

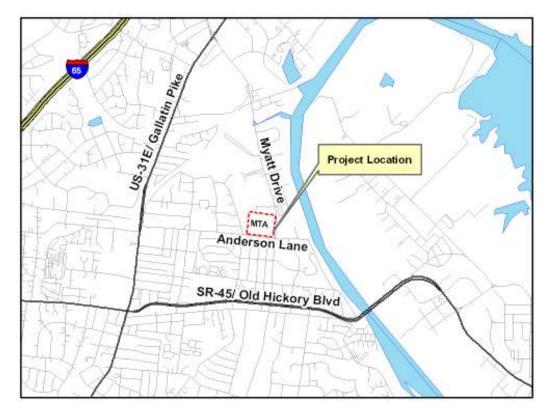
share) in FTA 5307 funds in FY13. Additional funds for this project come from FTA's FY13 apportionment of 5307 funds for the Nashville-Davidson

Urbanized Area.





TIP # 2013-15-203	TDOT PIN # Impi	rovement Type Transit Capi	tal Lead Agency	MTA	
County Davidson	Length 0.0 mi RTP:	# Consistent	Conformity Status	Exempt	
Route/Project Name	Charging Stations		Total Project Cost	\$30,000	
Termini or Intersection	ermini or Intersection 430 Myatt Drive				
Project Description	in a sign of the s				
Fiscal Year Type	e of Work Funding Type	Total Funds F	ed Funds State Funds	Local Funds	
2013 IMPLEME	ENTATION 5307	\$30,000	\$24,000 \$3,000	\$3,000	
Remarks   Amendment 1 # 2013-003   Admin Modification 1#   Amended on 3/20/2013   Modified on   Admin Modification 2#   Admi					
Amended on	Modified on				



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:06:47 AM	Page 64 of 264



**TIP Amendment # 2013-005** 

**TIP #:** 2008-15-054

**2035 RTP ID:** 1015-317

Project: Bus Purchase and Replacement

Requested By: Nashville Metropolitan Transit Authority (MTA)

Phase: Implementation

Fiscal Year(s): 2013

**Proposed Changes:** Add funds, update description

Total Project Cost: \$57,804,000

FROM: \$50,504,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
2012	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
2013	IMPLEMENTATION	LOCAL	14,300,000	0	0	14,300,000
2013	IMPLEMENTATION	5307	3,804,000	3,043,200	380,400	380,400
2014	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
Total			50,504,000	3,043,200	380,400	47,080,400

TO: \$57,804,000

FY	Type of Work	Funding	Total	Federal	State	Local
2011	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
2012	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
2013	IMPLEMENTATION	LOCAL	21,600,000	0	0	21,600,000
2013	IMPLEMENTATION	5307	3,804,000	3,043,200	380,400	380,400
2014	IMPLEMENTATION	LOCAL	10,800,000	0	0	10,800,000
Total			57,804,000	3,043,200	380,400	54,380,400

Description: Purchase transit buses including electric buses and installation of a

charging station at Riverfront Station.

Background: This is a project in the current TIP. The amendment adds a total of

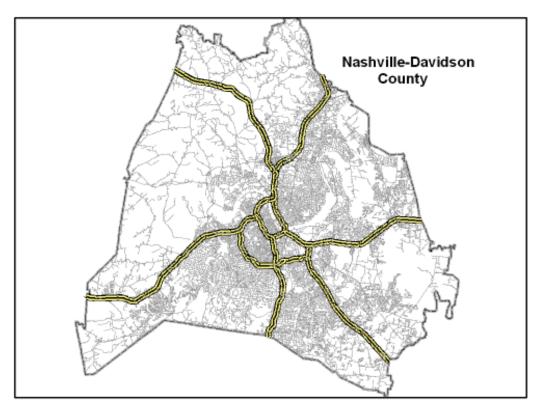
\$7,300,000 in Local funds in FY 2013. Additionally, the description has been updated to include the scope part of FTA's Clean Fuels Grant

awarded to MTA in September 2012.





<b>TIP #</b> 2008-15-054	TDOT PIN	# Impr	ovement Type Transit (	Capital Lead Agency	MTA
County Davidson	Length	mi RTP#	<b>#</b> 1015-317	Conformity Status	Exempt
Route/Project Name	Bus Purchase an	d Replacement		Total Project Cost	\$50,504,000
Termini or Intersectio	n Davidson County	/			
Project Description Purchase transit buses					
Fiscal Year Ty	pe of Work	Funding Type	Total Funds	Fed Funds State Funds	s Local Funds
2011 IMPLE	MENTATION	LOCAL	\$10,800,000	\$0 \$0	\$10,800,000
2012 IMPLE	MENTATION	LOCAL	\$10,800,000	\$0 \$0	\$10,800,000
2013 IMPLE	MENTATION	LOCAL	\$14,300,000	\$0 \$0	\$14,300,000
2013 IMPLE	MENTATION	5307	\$3,804,000	\$3,043,200 \$380,400	\$380,400
	12/2012 <b>Modifi</b>	Modification 1# ed on Modification 2#	narks		

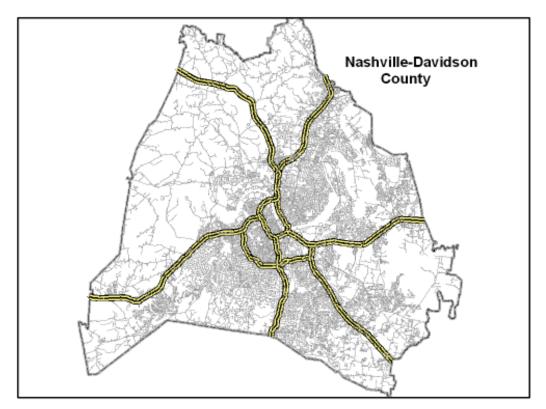


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 8:57:46 AM	Page 21 of 264





TIP # 2008-15-054b  County Davidson  Route/Project Name  Termini or Intersection  Project Description	TDOT PIN #  Length 0.0 mi  Bus Purchase and Replacement  Davidson County  Purchase transit buses	Improvement Type Transit  RTP# 1015-317	Capital Lead Agency  Conformity Status [  Total Project Cost	
	e of Work Funding Type ENTATION LOCAL	e Total Funds \$10,800,000	Fed Funds State Funds \$0 \$0  Compared to the state of the	\$10,800,000
Amendment 1 # 2012- Amended on 12/12  Amendment 2 # Amended on	Admin Modification 1# 2/2012 Modified on Admin Modification 2# Modified on	Remarks		

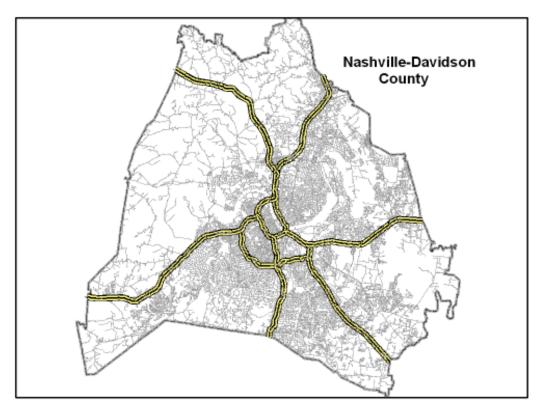


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 8:57:46 AM	Page 22 of 264





<b>TIP #</b> 2008-15-054	TDOT PIN #	Improvem	ent Type Transit C	Capital I	Lead Agency	MTA
<b>County</b> Davidson	<b>Length</b> mi	RTP#	1015-317	Confo	rmity Status	Exempt
Route/Project Name	Bus Purchase and Replacement			Total	Project Cost	\$57,804,000
Termini or Intersection	Davidson County					
Project Description	Purchase transit buses					
Fiscal Year Type	e of Work Funding Ty	ре	Total Funds	Fed Funds	State Funds	Local Funds
2011 IMPLEME	ENTATION LOCAL		\$10,800,000	\$0	\$0	\$10,800,000
2012 IMPLEMI	ENTATION LOCAL		\$10,800,000	\$0	\$0	\$10,800,000
2013 IMPLEME	ENTATION LOCAL		\$21,600,000	\$0	\$0	\$21,600,000
2013 IMPLEME	ENTATION 5307		\$3,804,000	\$3,043,200	\$380,400	\$380,400
Amendment 2 # 2013-	2/2012 Modified on					

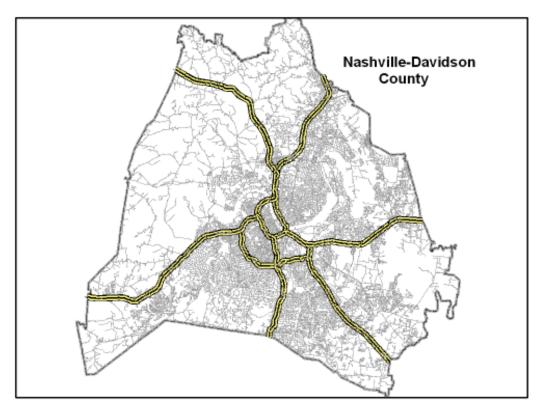


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:10:00 AM	Page 21 of 264





<b>TIP #</b> 2008-15-054b	TDOT PIN #	Improvement	Transit Ca	apital	Lead Agency	MTA
<b>County</b> Davidson	Length 0.0 mi	<b>RTP#</b> 10	15-317	Confo	rmity Status	Exempt
Route/Project Name	Bus Purchase and Replacement			Total	Project Cost	\$57,804,000
Termini or Intersection	Davidson County					
Project Description	Purchase transit buses					
Fiscal Year Typ	e of Work Funding T	uno Tot	tal Funds	Fed Funds	State Funds	Local Funds
,,,	ENTATION LOCAL		\$10,800,000	\$0	\$0	\$10,800,000
				77	1.5	7-2/223/222
		Remarks Co	ontinuation of 200	18-15-054		
Amendment 1 # 2012-	-082 Admin Modification 1#	‡				
Amended on 12/12	2/2012 Modified on					
Amendment 2 # 2013-	-005 Admin Modification 2#	#				
Amended on 3/20/	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:10:00 AM	Page 22 of 264



**TIP Amendment # 2013-006** 

TIP #: 2013-89-204 – NEW PROJECT

2035 RTP ID: Consistent

Project: Clarksville Commuter Rail Study

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$500,000

TO: \$500,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	500,000	400,000	50,000	50,000
Total			500,000	400,000	50,000	50,000

**Description:** A study for the implementation of future commuter rail service between

Clarksville and Nashville.

Background:

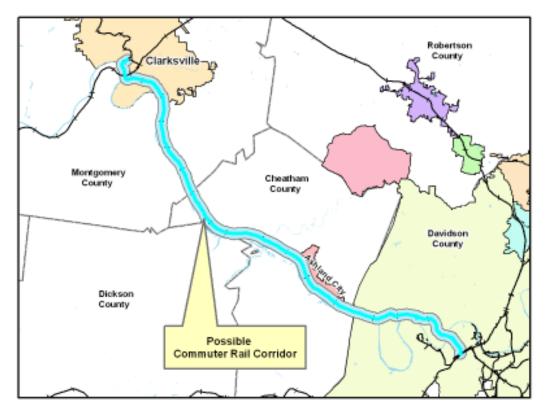
This is a new project for inclusion in the FY 2011-15 TIP. \$400,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

RTA has successfully expanded bus service to Clarksville. Buses for this route are at capacity and ridership continues to increase. RTA has received lots of feedback from passengers about implementing rail service. This study will provide the analysis needed in order to begin implementing a new rail line to Clarksville.





TIP # 2013-89-204	TDOT PIN # Impro	ovement Type Transit	Lead Agency	RTA		
County Regional	Length 50.0 mi RTP#	Consistent	Conformity Status	Exempt		
Route/Project Name	Clarksville Commuter Rail Study		Total Project Cost	\$500,000		
Termini or Intersection	Termini or Intersection From Clarksville to Nashville					
Project Description	A study for the implementation of future com	muter rail service between Cla	arksville and Nashville.			
Figure 1 Vacuum Trans		Tatal Founda F	ed Funds State Funds	Land Founds		
	ee of Work Funding Type  ENTATION 5307	Total Funds F		Local Funds		
Z013 IMPLEMI	ENTATION 530/	\$300,000	\$400,000 \$50,000	\$50,000		
	D					
		arks				
Amendment 1 # 2013-						
Amended on 3/20/	Modified on					
Amendment 2 #	Admin Modification 2#					
Amended on	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:19:43 AM	Page 126 of 264



**TIP Amendment # 2013-007** 

TIP #: 2013-89-205 – NEW PROJECT

2035 RTP ID: Consistent

Project: Positive Train Control Technology

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$750,000

TO: \$750,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	IMPLEMENTATION	FTA 5307	750,000	600,000	75,000	75,000
Total			750,000	600,000	75,000	75,000

**Description:** Study, procurement and installation of Positive Train Control technology

along RTA's Music City Star line and any future rail lines.

Background:

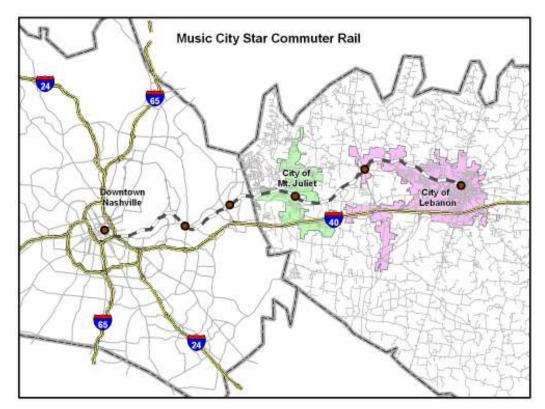
This is a new project for inclusion in the FY 2011-15 TIP. \$600,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

In September 2008, Congress passed a new rail safety law that sets a deadline of December 15, 2015, for implementation of positive train control (PTC) technology across most of the U.S. rail network. Positive Train Control technology will be used over all existing rail and will be implemented on all future RTA rail lines. The major tasks may include a study by an independent consultant to determine how RTA will implement PTC as well as the actual procurement and installation of equipment along the rail lines and on the locomotive itself.





<b>TIP #</b> 2013-89-205	TDOT PIN #	Improvement Type Trans	sit Capital Lead Agency	RTA		
County Regional	Length 0.0 mi	RTP# Consistent	Conformity Status	Exempt		
Route/Project Name	Positive Train Control		Total Project Cost	\$750,000		
Termini or Intersection	Termini or Intersection Music City Star rail line between Lebanon and Nashville					
Project Description	Study, procurement and installation of lines.	f Positive Train Control techno	ology along RTA's Music City Star line	and any future rail		
Fiscal Year Type	e of Work Funding Type	e Total Funds	Fed Funds State Fund	s Local Funds		
2013 IMPLEME	ENTATION 5307	\$750,000	\$600,000 \$75,000	\$75,000		
Remarks   Amendment 1 #   2013-007   Admin Modification 1 #						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:21:37 AM	Page 127 of 264



**TIP Amendment # 2013-008** 

TIP #: 2013-85-206 – **NEW PROJECT** 

2035 RTP ID: Consistent

Project: Miscellaneous Support Equipment & Passenger

**Amenities** 

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$125,000

TO: \$125,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	125,000	100,000	12,500	12,500
Total			125,000	100,000	12,500	12,500

**Description:** Purchase of miscellaneous support equipment for commuter rail.

Purchase of schedule display racks, shelters, benches, and associated

sidewalk infrastructure, commuter rail signs, flags.

Background: This is a new project for inclusion in the FY 2011-15 TIP. \$100,000

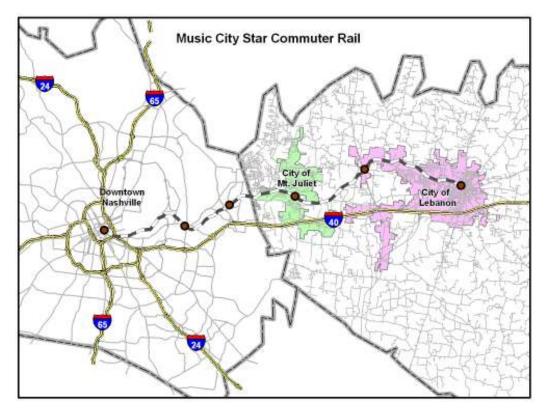
(federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of

5307 funds for the Nashville-Davidson Urbanized Area.





TIP # 2013-85-206	TDOT PIN #	Improv	rement Type Transit C	Capital Le	ead Agency R	TA			
County Regional	Length 0.0	mi RTP#	Consistent	Confor	mity Status Ex	kempt			
Route/Project Name	Miscellaneous Support	Miscellaneous Support Equipment & Passenger Amenities Total Project			roject Cost \$1	125,000			
Termini or Intersection	Music City Star rail line between Lebanon & Nashville								
Project Description  Purchase of miscellaneous support equipment for commuter rail. Purchase of schedule display racks, shelters, benches, and associated sidewalk infrastructure, commuter rail signs, flags.									
Fiscal Year Type	e of Work	Funding Type	Total Funds	Fed Funds	State Funds	Local Funds			
2013 IMPLEME	ENTATION 5307		\$125,000	\$100,000	\$12,500	\$12,500			
Remarks									
Amendment 1 # 2013-008 Admin Modification 1#									
Amended on 3/20/2013 Modified on									
Amendment 2 # Admin Modification 2#									
Amended on Modified on									



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP		
2/28/2013 11:24:59 AM	Page 117 of 264		



**TIP Amendment # 2013-009** 

TIP #: 2013-85-207 – NEW PROJECT

2035 RTP ID: Consistent

Project: Music City Star Passing Siding

Requested By: Regional Transportation Authority (RTA)

Phase: Construction

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$600,000

TO: \$600,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	CONST	FTA 5307	600,000	480,000	60,000	60,000
Total			600,000	480,000	60,000	60,000

**Description:** Construction of passing siding for the Music City Star commuter rail near

the current Martha Station in Wilson County.

Background: This is a new project for inclusion in the FY 2011-15 TIP. \$480,000

(federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of

5307 funds for the Nashville-Davidson Urbanized Area.

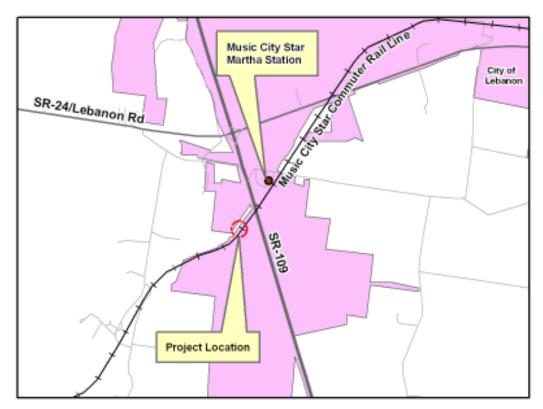
The extra line will provide an area for train cars to pass, allowing all current trips to provide a complete trip to Lebanon. This will also allow

RTA to expand service hours in the future.





<b>TIP #</b> 2013-85-207	TDOT PIN #	Improvem	ent Type Transit C	apital Lead Age	ncy RTA	
County Regional	<b>Length</b> mi	RTP#	Consistent	Conformity Sta	itus Exempt	
Route/Project Name	Route/Project Name Music City Star Pasing Siding Total Project Cost \$600,000					
Termini or Intersection West of Martha Station						
Project Description  Construction of passing siding for the Music City Star commuter rail near the current Martha Station in Wilson County.						
Fiscal Year Type	e of Work Funding Typ	pe	Total Funds	Fed Funds State Fu	ınds Local Funds	
2013 CONST	5307		\$600,000	\$480,000 \$60,	960,000	
		Remarks				
Amendment 1 # 2013-	009 Admin Modification 1#	Remarks				
Amended on 3/20/						
3/20/	Plounied on					
Amendment 2 #	Admin Modification 2#					
Amended on	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:26:14 AM	Page 118 of 264



**TIP Amendment # 2013-010** 

TIP #: 2013-85-208 – NEW PROJECT

2035 RTP ID: Consistent

Project: Music City Star Rail Replacement/ Track Rehab

**Reguested By:** Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$3,200,000

TO: \$3,200,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	3,200,000	2,560,000	320,000	320,000
Total			3,200,000	2,560,000	320,000	320,000

Description:

Add additional ties, tie curves, spikes, ballasts, culverts and welding of rail needed to improve safety and increase speed allowances on Music City Star rail line.

Background:

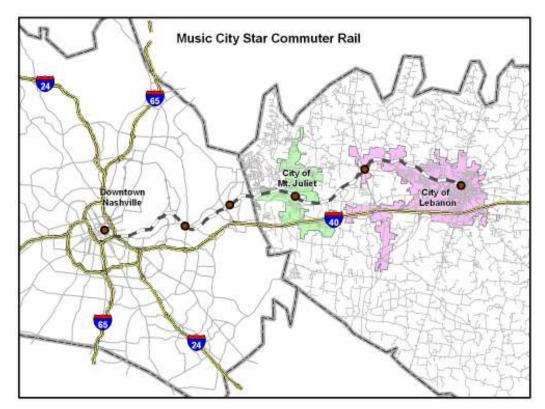
This is a new project for inclusion in the FY 2011-15 TIP. \$2,560,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

The current rail line was rehabbed in preparation for start of the Music City Star service. All rail ties were not replaced at that time, and the whole line was not continuously welded. Additional ties, tie curves, spikes, ballasts, culverts and welding of rail are needed to improve safety and increase speed allowances on Music City Star rail line in addition to providing a more comfortable riding experience for customers.





TIP # 2013-85-208 TDOT PIN # Improvement Type Transit Capital Lead Agency RTA  County Regional Length 0.0 mi RTP# Consistent Conformity Status Exempt  Route/Project Name Music City Star Rail Replacement/ Track Rehab Total Project Cost \$3,200,000  Termini or Intersection Music City Star rail line between Lebanon & Nashville  Project Description Add additional ties, tie curves, spikes, ballasts, culverts and welding of rail needed to improve safety and increase speed allowances on Music City Star rail line.					
Fiscal Year         Type of Work         Funding Type         Total Funds         Fed Funds         State Funds         Local Funds           2013         IMPLEMENTATION         5307         \$3,200,000         \$2,560,000         \$320,000         \$320,000					
Remarks  Amendment 1 # 2013-010 Admin Modification 1# Amended on 3/20/2013 Modified on  Amendment 2 # Admin Modification 2# Admin Modification 0 Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:27:08 AM	Page 119 of 264



**TIP Amendment # 2013-011** 

TIP #: 2013-85-209 – NEW PROJECT

2035 RTP ID: Consistent

Project: Shore Power for Music City Star Riverfront Station

**Requested By:** Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$50,000

TO: \$50,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	50,000	40,000	5,000	5,000
Total			50,000	40,000	5,000	5,000

**Description:** Install 480v electrical power at Riverfront Station in downtown Nashville.

Background:

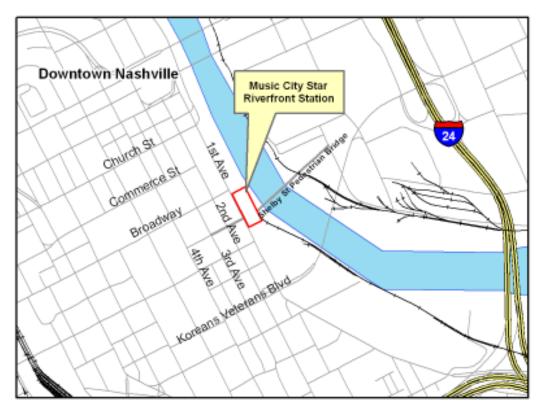
This is a new project for inclusion in the FY 2011-15 TIP. \$40,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

Promoters of city events near the Riverfront area are increasingly asking the RTA to power down the train during the times it sits at Riverfront Station to lessen the noise levels. This would allow for the train to continue to run passenger amenities such as heat/AC without requiring the locomotive to be running.





TIP # 2013-85-209	TDOT PIN #	Improvement Type Transit	t Capital Lead Agency	RTA		
County Davidson	Length 0.0 mi	RTP# Consistent	Conformity Status	Exempt		
Route/Project Name	Shore Power for Music City Star Rive	erfront Station	Total Project Cost	\$50,000		
Termini or Intersection	Termini or Intersection Music City Star Riverfront Station in downtown Nashville					
Project Description Install 480v electrical power at Riverfront Station in downtown Nashville.						
Fiscal Year Type	e of Work Funding Typ	pe Total Funds	Fed Funds State Funds	Local Funds		
2013 IMPLEME	ENTATION 5307	\$50,000	\$40,000 \$5,000	\$5,000		
		Remarks				
Amendment 1 # 2013-	-011 Admin Modification 1#					
Amended on 3/20/	Modified on					
Amendment 2 #	Admin Modification 2#					
Amended on	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:29:48 AM	Page 65 of 264



**TIP Amendment # 2013-012** 

TIP #: 2013-85-210 – **NEW PROJECT** 

2035 RTP ID: Consistent

Project: Stationary Fare Collection Equipment
Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$1,300,000

TO: \$1,300,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	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:** 

Installation of Ticket Vending Machines (TVMs) and fareboxes at Music City Star trains stations to sell tickets and validate passes for Music City Star operation and express bus services.

Background:

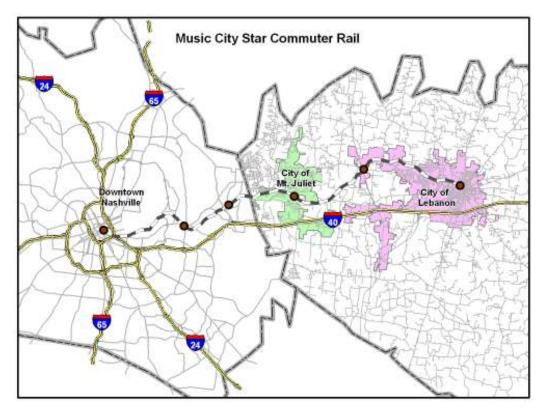
This is a new project for inclusion in the FY 2011-15 TIP. \$1,040,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

Currently there are basic TVMs at all train stations. RTA desires to purchase improved equipment for the stations to provide more reliable ticket purchasing ability and reduce opportunities for vandalism. In addition, RTA will purchase fareboxes to be placed on the train cars and express buses to validate passes and print receipts.





<b>TIP #</b> 2013-85-210	TDOT PIN #	Improvement Type	Transit Capital	Lead Agency R	TA
County Regional	Length 0.0 mi	RTP# Consistent	Co	nformity Status E	xempt
Route/Project Name	Stationary Fare Collection Equipmen	it	Tot	tal Project Cost \$	1,300,000
Termini or Intersection Music City Star train stations along rail line between Lebanon & Nashville					
Project Description  Installation of Ticket Vending Machines (TVMs) and fareboxes at Music City Star trains stations to sell tickets and validate passes for Music City Star operation and express bus services					
Fiscal Year Type	e of Work Funding Typ	pe Total Fund	ls Fed Funds	State Funds	Local Funds
2013 IMPLEME	ENTATION 5307	\$1,300	\$1,040,000	\$130,000	\$130,000
		Remarks			
Amendment 1 # 2013-	-012 Admin Modification 1#				
Amended on 3/20/	Modified on				
Amendment 2 #	Admin Modification 2#				
Amended on	Modified on				



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:31:58 AM	Page 120 of 264



**TIP Amendment # 2013-013** 

TIP #: 2013-85-211 – NEW PROJECT

2035 RTP ID: Consistent

Project: Installation of Wi-Fi on Music City Star train

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$3,000

TO: \$3,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	3,000	2,400	300	300
Total			3,000	2,400	300	300

**Description:** Purchase and installation of equipment for Wi-Fi on Music City Star

commuter rail.

Background:

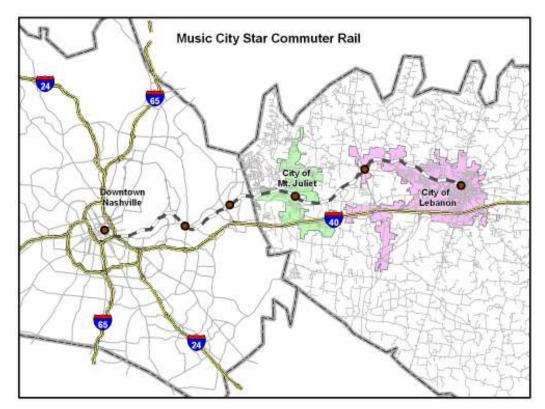
This is a new project for inclusion in the FY 2011-15 TIP. \$2,400 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

RTA has received several requests from customers for the installation of Wi-Fi capability on the Music City Star train. This will allow Music City Star passengers to use this service in order to work, surf the internet, check emails, or play games while commuting between Nashville and Lebanon.





TIP # 2013-85-211	TDOT PIN #	Improvement Type Transit	Capital Lead Agency RTA			
County Regional	County Regional Length 0.0 mi RTP# Consistent Conformity Status Exempt					
Route/Project Name	Route/Project Name Installation of Wi-Fi on Music City Star train Total Project Cost \$3,000					
Termini or Intersection	Termini or Intersection Along Music City Star rail line between Lebanon & Nashville					
Project Description  Purchase and installation of equipment for Wi-Fi on Music City Star commuter rail.						
Fiscal Year Typ	Fiscal Year Type of Work Funding Type Total Funds Fed Funds State Funds Local Funds					
2013 IMPLEM	ENTATION 5307	\$3,000	\$2,400 \$300 \$300			
Remarks  Amendment 1 # 2013-013 Admin Modification 1 # Amended on 3/20/2013 Modified on  Amendment 2 # Admin Modification 2 # Amended on Modified on						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
4/3/2013 3:26:14 PM	Page 121 of 264



**TIP Amendment # 2013-014** 

TIP #: 2013-85-212 – **NEW PROJECT** 

2035 RTP ID: Consistent

Project: Purchase and/or Rehab Locomotive and Rail Cars

**Reguested By:** Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$315,901

TO: \$315,901

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	315,901	252,721	31,590	31,590
Total			315,901	252,721	31,590	31,590

#### Description:

Purchase and/or Rehab of locomotive(s) and rail cars for use on Music City Star service. Prepare and paint exterior of passenger cars to cover rusted areas and improve image of service. Paint recently purchased locomotive to match paint scheme of current equipment. Rehab interiors of 30+ year old equipment used on Music City Star service

#### Background:

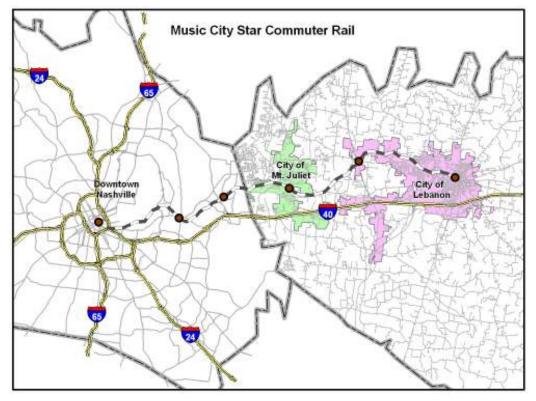
This is a new project for inclusion in the FY 2011-15 TIP. \$252,721 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307 funds for the Nashville-Davidson Urbanized Area.

Currently RTA has four locomotives that are approximately 30 years old that will require various levels of rehabilitation. Also, RTA plans to purchase new or used locomotives for expansion of services on current line to Lebanon and for possible future service to Clarksville area.





TIP # 2013-85-212	TDOT PIN # Imp	rovement Type Transit Capital	Lead Agency R	TA			
County Regional	County         Regional         Length         0.0         mi         RTP#         Consistent         Conformity Status         Exempt						
Route/Project Name	Route/Project Name Purchase and/or Rehab Locomotive and Rail Cars Total Project Cost \$315,901						
Termini or Intersection	Music City Star rail line between Lebanon &	Nashville					
Project Description  Purchase and/or Rehab of locomotive(s) & rail cars for Music City Star. Paint exterior of passenger cars to cover rusted areas and improve image. Paint recently purchased locomotive to match current equipment. Rehab interiors of old equipment.							
Fiscal Year Typ	Fiscal Year Type of Work Funding Type Total Funds Fed Funds State Funds Local Funds						
2013 IMPLEM	ENTATION 5307	\$315,901 \$25	52,721 \$31,590	\$31,590			
Remarks     Amendment 1 #   2013-014   Admin Modification 1 #							



This map is for illustrative purposes only. Drawings depict conceptual project corridors and areas, not approved alignments.

Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:33:56 AM	Page 122 of 264



TIP Amendment # 2013-015

TIP #: 2013-85-213 - **NEW PROJECT** 

2035 RTP ID: Consistent

Project: **Rehab/Renovate Stations** 

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

**Proposed Changes:** Add project to TIP

**Total Project Cost:** \$100,000

TO: \$100,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	100,000	80,000	10,000	10,000
Total			100,000	80,000	10,000	10,000

Description: Preventative maintenance work, along with upgrades such as security

features. Also will allow for expansion of lots due to increases in ridership

Background:

This is a new project for inclusion in the FY 2011-15 TIP. \$80,000 (federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307

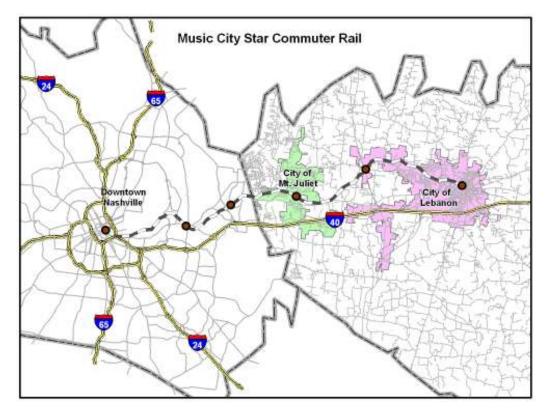
funds for the Nashville-Davidson Urbanized Area.

The current stations are 6-7 years old. This project will also allow for the expansion of parking lots due to the large increase in ridership. RTA anticipates even greater ridership when new coaches and new services get added.





TIP # 2013-85-213	TDOT PIN #	Improvement Type Transit	Capital Lead Agency	RTA		
County Regional	Length 0.0 mi	RTP# Consistent	Conformity Status	Exempt		
Route/Project Name	Rehab/Renovate Stations		Total Project Cost	\$100,000		
Termini or Intersection	Termini or Intersection Music City Star Stations along rail line between Lebanon & Nashville					
Project Description	Project Description  Preventative maintenance work, along with upgrades such as security features. Also will allow for expansion of lots due to increases in ridership.					
Fiscal Year Type	e of Work Funding Type	e Total Funds	Fed Funds State Funds	Local Funds		
2013 IMPLEME	ENTATION 5307	\$100,000	\$80,000 \$10,000	\$10,000		
Remarks						
Amendment 1 # 2013-	-015 Admin Modification 1#					
Amended on 3/20/	Modified on					
Amendment 2 #	Admin Modification 2#					
Amended on	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:34:53 AM	Page 123 of 264



**TIP Amendment # 2013-016** 

TIP #: 2013-85-214 – NEW PROJECT

2035 RTP ID: Consistent

Project: Storage and Maintenance Yard for Railcars

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$100,000

TO: \$100,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	100,000	80,000	10,000	10,000
Total			100,000	80,000	10,000	10,000

**Description:** Purchase land/ building/equipment for new maintenance facility.

**Background:** This is a new project for inclusion in the FY 2011-15 TIP. \$80,000 (federal

share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of 5307

funds for the Nashville-Davidson Urbanized Area.

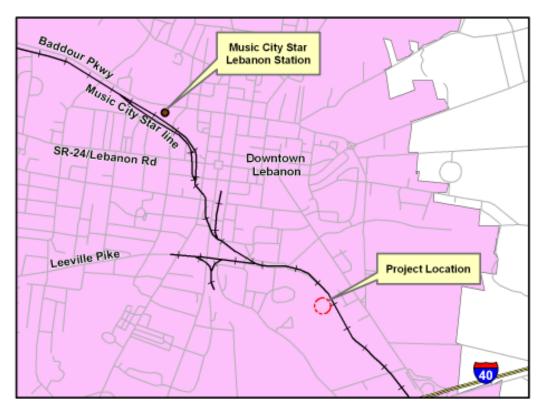
Currently, RTA leases a maintenance facility from Nashville and Eastern Railroad. Having its own area and facility will allow RTA to effectively

maintain current and future service levels.





<b>TIP #</b> 2013-85-214	TDOT PIN #	Improv	ement Type Transit C	Capital Lo	ead Agency R	ГА
County Regional	Length 0.0	mi RTP#	Consistent	Confor	mity Status Ex	empt
Route/Project Name	Storage and Maintenan	ce Yard for Railcars		Total P	roject Cost \$1	100,000
Termini or Intersection Nashville & Eastern Railyard in Lebanon						
Project Description Purchase land/ building/equipment for new maintenance facility.						
Fiscal Year T	ype of Work	Funding Type	Total Funds	Fed Funds	State Funds	Local Funds
	EMENTATION 5307	runuing Type	\$100,000	\$80,000	\$10,000	\$10,000
ZUIS IMPLI	LINEINTATION 5507		\$100,000	\$00,000	\$10,000	\$10,000
			-			
Remarks						
Amendment 1 # 20	13-016 Admin Modi	fication 1#				
Amended on 3/20/2013 Modified on						
Amendment 2 #	Amendment 2 # Admin Modification 2#					
Amended on	Modified on		=			
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Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:35:39 AM	Page 124 of 264



**TIP Amendment # 2013-017** 

TIP #: 2013-85-215 – **NEW PROJECT** 

2035 RTP ID: Consistent

Project: Spare parts for stock

Requested By: Regional Transportation Authority (RTA)

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$150,000

TO: \$150,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5307	150,000	120,000	15,000	15,000
Total			150,000	120,000	15,000	15,000

**Description:** Purchase of spare parts to rebuild and replace parts and equipment for the

commuter rail.

Background: This is a new project for inclusion in the FY 2011-15 TIP. \$120,000

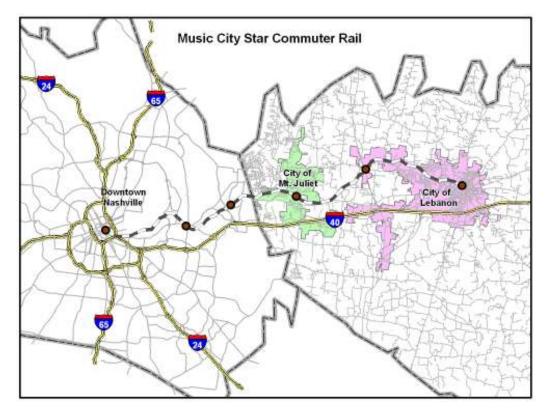
(federal share) in FTA 5307 funds are being programmed for this project. The funds for this project come from FTA's FY 2013 apportionment of

5307 funds for the Nashville-Davidson Urbanized Area.





<b>TIP #</b> 2013-85-215	TDOT PIN #	Improvement Type Trans	sit Capital Lead Agency	RTA	
County Regional	Length 0.0 mi	RTP# Consistent	Conformity Status	Exempt	
Route/Project Name	Spare parts for stock		Total Project Cost	\$150,000	
Termini or Intersection Music City Star rail line between Lebanon & Nashville					
Project Description	Project Description  Purchase of spare parts to rebuild and replace parts and equipment for the commuter rail.				
Fiscal Year Typ	e of Work Funding Typ	pe Total Funds	Fed Funds State Funds	Local Funds	
2013 IMPLEME	ENTATION 5307	\$150,000	\$120,000 \$15,000	\$15,000	
		Remarks			
Amendment 1 # 2013-	-017 Admin Modification 1#				
Amended on 3/20/	Modified on				
Amendment 2 #	Admin Modification 2#				
Amended on	Modified on				



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:36:43 AM	Page 125 of 264



**TIP Amendment # 2013-018** 

TIP #: 2013-45-216 – NEW PROJECT

2035 RTP ID: Consistent

Project: 5309 (SGR) Bus Replacement

Requested By: City of Murfreesboro Public Transit

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$242,463

TO: \$242,463

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	FTA 5309	242,463	193,970	24,247	24,246
Total			242,463	193,970	24,247	24,246

**Description:** Purchase of replacement buses for the City of Murfreesboro Public Transit

System (ROVER).

**Background:** This is a new project for inclusion in the FY 2011-15 TIP. \$193,970

(federal share) in FTA 5309 funds are being programmed for this project.

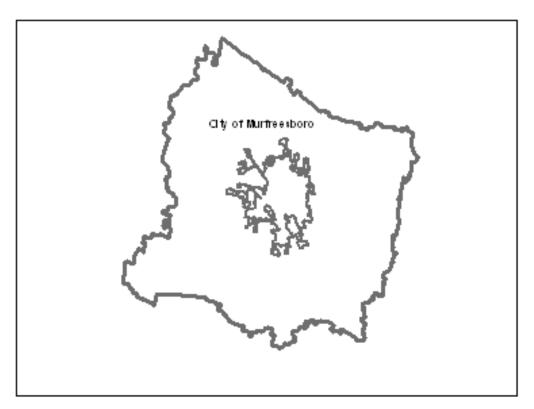
These funds are part of FTA's State of Good Repair funding awarded to TDOT as earmark #D2012-BUSP-175 and allocated to the City of

Murfreesboro. A contract was awarded on December 21, 2012.





<b>TIP #</b> 2013-45-216	TDOT PIN #	Improvement Type Transit	Capital Lead Agency	Murfreesboro Public T		
<b>County</b> Rutherford	Length 0.0 mi	RTP# Consistent	Conformity Status	Exempt		
Route/Project Name	Route/Project Name 5309 (SGR) Bus Replacement Total Project Cost \$242,463					
Termini or Intersection	Termini or Intersection City of Murfreesboro					
<b>Project Description</b>	Purchase of replacement buses for the	ne City of Murfreesboro Public Tra	ansit System (ROVER).			
_						
Fiscal Year Type	e of Work Funding Type	e Total Funds	Fed Funds State Funds	Local Funds		
2013 IMPLEM	ENTATION 5309	\$242,463	\$193,970 \$24,247	\$24,246		
		Remarks Earmark #D2012	?-BUSP-175			
Amendment 1 # 2013-	-018 Admin Modification 1#					
Amended on 3/20/	/2013 Modified on					
Amendment 2 #	Admin Modification 2#					
Amended on	Modified on					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:37:57 AM	Page 172 of 264



**TIP Amendment # 2013-020** 

**TIP #**: 2004-051 **2035 RTP ID**: 1062-170

Project: SR-247 (Duplex Road) Widening

Requested By: City of Spring Hill

Phase: Preliminary Engineering

Fiscal Year(s): 2013

Proposed Changes: Add funds

Total Project Cost: \$16,000,000

FROM: \$1,419,958

FY	Type of Work	Funding	Total	Federal	State	Local
2011	PE-N	L-STP	567,983	454,386	0	113,597
2012	PE-D	L-STP	851,975	681,580	0	170,395
Total			1,419,958	1,135,966	0	283,992

TO: \$1,642,183

FY	Type of Work	Funding	Total	Federal	State	Local
2011	PE-N	L-STP	567,983	454,386	0	113,597
2012	PE-D	L-STP	851,975	681,580	0	170,395
2013	PE-D	L-STP	222,225	177,780	0	44,445
Total			1,642,183	1,313,746	0	328,437

**Description:** Environmental and Preliminary Engineering for the widening of Duplex

Road from U.S. 31 to .6 miles west of I-65 from 2 to 3 lanes.

**Background:** This is a project in the current TIP. The amendment adds \$177,780 in

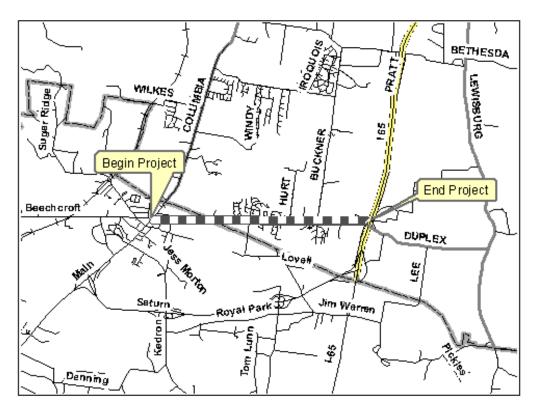
Local STP funds to FY 2013 for PE Final Design. The additional funds being added to this project are the balance of Spring Hill's L-STP funds

allocation not yet programmed in the TIP.





<b>TIP #</b> 2004-051	TDOT PIN #	Improvement Type Road Wid	dening <b>Lead Agency</b> Spr	ring Hill/TDOT	
County Williamson	Length 3.3 mi	RTP# 1062-170	Conformity Status Nor	n-Exempt	
Route/Project Name	Route/Project Name SR-247 (Duplex Road) Total Project Cost \$16,000,000				
Termini or Intersection	Fermini or Intersection SR-6 (US-31, Main Street) to near I-65				
Project Description	Project Description Environmental and Preliminary Engineering for the widening of Duplex Road from U.S. 31 to .6 miles west of I-65 from 2 to 3 lanes				
Fiscal Year Type	e of Work Funding Type	e Total Funds	Fed Funds State Funds	Local Funds	
2011 PE-N	L-STP	\$567,983	\$454,386	\$113,597	
2011 PE-D	L-STP	\$851,975	\$681,580	\$170,395	
Amendment 1 #  Amended on  Amendment 2 #  Amended on	Amended on Modified on  Amendment 2 # Admin Modification 2#				



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:00:45 AM	Page 205 of 264



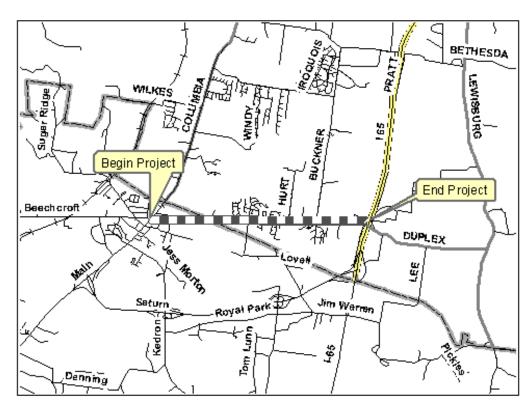


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Modified on

### Nashville Area MPO Fiscal Years 2011-2015 Transportation Improvement Program

TIP # 2004-051	TDOT PIN #	Improvement Type Road W	idening Lead Agency	Spring Hill/TDOT	
County Williamson	Length 3.3 mi	RTP# 1062-170	Conformity Status	Non-Exempt	
Route/Project Name	SR-247 (Duplex Road)		Total Project Cost	\$16,000,000	
Termini or Intersection SR-6 (US-31, Main Street) to near I-65					
Project Description  Environmental and Preliminary Engineering for the widening of Duplex Road from U.S. 31 to .6 miles west of I-65 from 2 to 3 lanes					
Fiscal Year Typ	e of Work Funding Ty	ype Total Funds	Fed Funds State Fund	s Local Funds	
2011 PE-N	L-STP	\$567,983	\$454,386 \$0	\$113,597	
2011 PE-D	L-STP	\$851,975	\$681,580 \$0	\$170,395	
2013 PE-D	L-STP	\$222,225	\$177,780 \$0	\$44,445	
	Amended on 3/20/2013 Modified on				



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:40:13 AM	Page 220 of 264



**TIP Amendment # 2013-021** 

**TIP #**: 2011-76-035

**2035 RTP ID**: 1076-305

Project: Cedar City Trail - Phase 5 (Bartons Creek South)

Requested By: City of Lebanon

Phase: Preliminary Engineering, Right-of-Way, Construction

Fiscal Year(s): 2013, 2014

**Proposed Changes:** Change funding source; add funds; revise

description.

Total Project Cost: \$1,438,437

FROM: \$1,275,657

FY	Type of Work	Funding	Total	Federal	State	Local
2011	PE-N	LOCAL	11,000	0	0	11,000
2011	PE-D	LOCAL	99,000	0	0	99,000
2012	ROW	LOCAL	135,489	0	0	135,489
2013	ROW	LOCAL	25,000	0	0	25,000
2013	CONST	ENH	1,005,168	1,000,526	0	4,642
Total			1,275,657	1,000,526	0	275,131

TO: \$1,438,437

FY	Type of Work	Funding	Total	Federal	State	Local
2013	PE-N	CMAQ	11,000	8,800	0	2,200
2013	PE-D	CMAQ	99,000	79,200	0	19,800
2013	ROW	CMAQ	25,000	20,000	0	5,000
2014	CONST	ENH	1,278,937	1,023,150	0	255,787
2014	CONST	CMAQ	24,500	19,600	0	4,900
Total			1,438,437	1,150,750	0	287,687

Description: Multi-use paved trail extension from trailhead location at Hickory Ridge Road

along Bartons Creek to the south connecting with existing and proposed schools and continues towards Leeville Pike and across Bartons Creek to the

new Winfree Bryant Middle School.

**Background:** This is a project in the current TIP. The amendment adds remaining funds

from previous phases 3 and 4 of the same project to Phase 5. Also, the

project description has been revised to properly describe the alignment.





<b>TIP #</b> 2011-7	6-035	TDOT PIN	I #	Improv	ement Type Greenw	ay	Lead Agency	ebanon
County Wilson		Length	2.0 mi	RTP#	1076-305	Con	formity Status E	xempt
Route/Project Name		Cedar City Trai	I - Phase 5 & 6			Tota	al Project Cost \$	1,275,657
Termini or Intersection		From Hickory Ridge Road along Bartons Creek						
Project Description  Multi-use paved trail extension from trailhead at Hickory Ridge Rd along Bartons Creek to the south connecting with existing & proposed schools and continue under Leeville Pike and across Bartons Creek to McClain School.								
Fiscal Year	Туре	of Work	Funding Type	e	Total Funds	Fed Funds	State Funds	Local Funds
2011	PE-N		LOCAL		\$11,000			\$11,000
2011	PE-D		LOCAL		\$99,000			\$99,000
2012	ROW		LOCAL		\$135,489			\$135,489
2013	ROW		LOCAL		\$25,000			\$25,000
Remarks     Amendment 1 #   2011-014   Admin Modification 1 #								



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:02:39 AM	Page 260 of 264





TIP # 2011-76-035b  County Wilson  Route/Project Name  Termini or Intersection  Project Description	Length 2.0 mi Cedar City Trail - Phase 5 & 6	ilhead at Hickory Ridge Rd alon	Conformity Status Total Project Cost  g Bartons Creek to the south con-	Exempt
Fiscal Year Typ  2013 CONST	e of Work Funding Type	**Total Funds	Fed Funds         State Funds           \$1,000,526	\$ Local Funds \$4,642
Amendment 1 # 2011 Amended on 6/15/ Amendment 2 # Amended on		Remarks		



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:02:39 AM	Page 261 of 264





<b>TIP #</b> 2011-76-035	TDOT PIN #	Improveme	ent Type Greenway	Lead Agency Lebanon	
County Wilson	Length 2.0 mi	RTP#	1076-305	Conformity Status Exempt	
Route/Project Name	Cedar City Trail - Phase 5 (Bartons C	reek South)		Total Project Cost \$1,438,437	
Termini or Intersection	ini or Intersection From Hickory Ridge Road along Bartons Creek				
Project Description	Multi-use paved trail extension from trailhead at Hickory Ridge Rd along Bartons Creek south connecting with existing & proposed schools and continue toward Leeville Pike and across Bartons Creek to new Winfree Bryant Middle School.				

Fiscal Year	Type of Work	Funding Type	Total Funds	Fed Funds	State Funds	Local Funds
2013	PE-N	CMAQ	\$11,000	\$8,800	\$0	\$2,200
2013	PE-D	CMAQ	\$99,000	\$79,200	\$0	\$19,800
2013	ROW	CMAQ	\$25,000	\$20,000	\$0	\$5,000
2014	CONST	ENH	\$1,278,937	\$1,023,150	\$0	\$255,787

			Remarks
Amendment 1 #	2011-014	Admin Modification 1#	
Amended on	6/15/2011	Modified on	
Amendment 2 #	2013-021	Admin Modification 2#	
Amended on	3/20/2013	Modified on	



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
3/25/2013 1:41:15 PM	Page 275 of 264





<b>TIP #</b> 2011-76-035b	TDOT PIN #	Improve	ement Type Greenwa	y L	ead Agency	.ebanon	
County Wilson	Length 2.0	mi RTP#	1076-305	Confo	rmity Status	exempt	
Route/Project Name	toute/Project Name Cedar City Trail - Phase 5 (Bartons Creek South) Total Project Cost \$1,438,437						
Termini or Intersection	Termini or Intersection From Hickory Ridge Road along Bartons Creek						
Project Description	Project Description  Multi-use paved trail extension from trailhead at Hickory Ridge Rd along Bartons Creek south connecting with existing & proposed schools and continue toward Leeville Pike and across Bartons Creek to new Winfree Bryant Middle School.						
Fiscal Year Typ	e of Work	Funding Type	Total Funds	Fed Funds	State Funds	Local Funds	
2014 CONST	CMAÇ	2	\$24,500	\$19,600	\$0	\$4,900	
		Remark	xs				
Amendment 1 # 2011-		fication 1#	_				
Amended on 6/15/	2011 Modified on		_				
Amendment 2 # 2013-	O21 Admin Modi	fication 2#	]				
Amended on 3/20/	2013 Modified on						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
3/25/2013 1:41:16 PM	Page 276 of 264



#### **FY 2011-2015 TIP Amendments – March 2013**

**TIP Amendment # 2013-022** 

**TIP #:** 2011-610-165

2035 RTP ID: Consistent

Project: Fairview 3R Improvements Projects Grouping

Requested By: City of Fairview
Phase: Construction

Fiscal Year(s): 2013

Proposed Changes: Add funds

Total Project Cost: \$607,643

FROM: \$642,770

FY	Type of Work	Funding	Total	Federal	State	Local
2012	PE-N	L-STP	24,000	19,200	0	4,800
2012	PE-D	L-STP	21,000	16,800	0	4,200
2012	CONST	L-STP	185,642	148,514	0	37,128
2012	CONST	LOCAL	412,128	0	0	412,128
Total			642,770	184,514	0	458,256

TO: \$607,643

FY	Type of Work	Funding Total		Federal	State	Local
2013	PE-N	L-STP	24,000	19,200	0	4,800
2013	PE-D	L-STP	21,000	16,800	0	4,200
2013	CONST	L-STP	562,643	450,114	0	112,529
Total			607,643	486,114	0	121,529

**Description:** Resurfacing, restoration and rehabilitation improvements of various roads

in the City of Fairview.

**Background:** This is a project in the current TIP. The amendment adds \$301,600

(federal share) in Local STP funds to FY 2013 for Construction phase. The additional funds added to this project are being shifted from Fairview's

TIP project #2012-61-175 – City Center Way Extension.



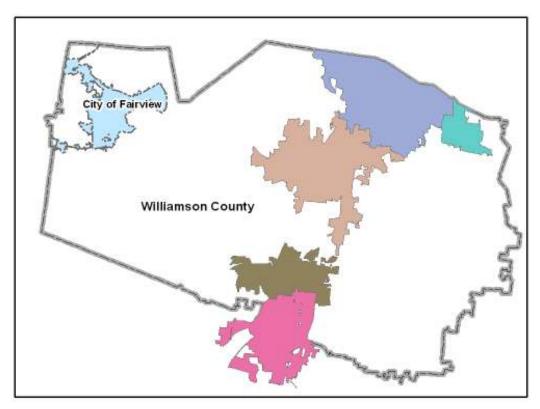


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# Nashville Area MPO Fiscal Years 2011-2015 Transportation Improvement Program

<b>TIP #</b> 2011-6	10-165	TDOT PII	1 #	Improve	ment Type Resurfac	cing	Lead Agency	Fairview
<b>County</b> William	nson	Length	Length   0.0   mi   RTP#   Consistent   Conformity Status   Exempt			Exempt		
Route/Project	Name	Fairview 3R In	provements Projects 0	Grouping		Tota	Project Cost	\$642,770
Termini or Inte	Termini or Intersection Various roads within City limits							
Project Descrip	Project Description Resurfacing, restoration and rehabilitation improvements of various roads in the City of Fairview							
Fiscal Year	Type	of Work	Funding Type		Total Funds	Fed Funds	State Funds	Local Funds
2012	PE-N	OI WOIK	L-STP		\$24,000	\$19,200	State I ullus	\$4,800
	,							
2012	PE-D		L-STP	L	\$21,000	\$16,800		\$4,200
2012	CONST		LOCAL		\$412,128			\$412,128
2012	CONST		L-STP		\$185,642	\$148,514		\$37,128
	[							
	Remarks							
	Amendment 1 # 2011-026 Admin Modification 1 # 2012-015							
Amended on	9/21/2	2011 <b>Mod</b>	fied on	5/4/2012	]			
Amondment '		Adm	in Modification 2#		, [			

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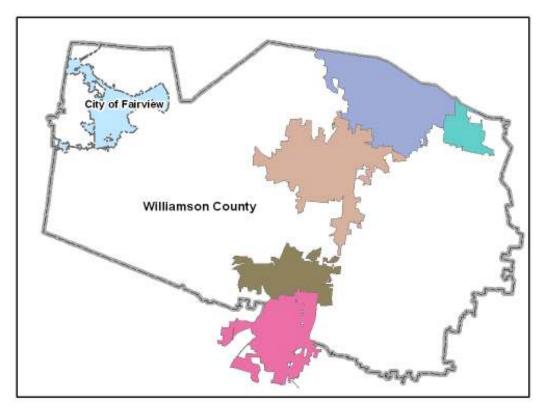
Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:05:09 AM	Page 223 of 264





TIP # 2011-610-165	TDOT PIN #	Improvement Type Res	surfacing Lead Agency	Fairview			
County Williamson	Length 0.0 mi	0.0 mi RTP# Consistent Conformity Status Exe					
Route/Project Name	Fairview 3R Improvements Project	Total Project Cost	\$607,643				
Termini or Intersection Various roads within City limits							
Project Description	Project Description Resurfacing, restoration and rehabilitation improvements of various roads in the City of Fairview						
Fiscal Year Type	e of Work Funding T	vpe Total Funds	Fed Funds State Funds	Land Founda			
1,000	or work runding r	ype rotarranas	rea runus State runus	Local Funds			
2013 PE-N	L-STP	\$24,000		\$4,800			
1,7		,,,,	\$19,200 \$0				

			Remarks
Amendment 1 #	2011-026	Admin Modification 1#	2012-015
Amended on	9/21/2011	Modified on	5/4/2012
Amendment 2 #	2013-022	Admin Modification 2#	
Amended on	3/20/2013	Modified on	



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP		
2/28/2013 11:45:56 AM	Page 238 of 264		



#### **FY 2011-2015 TIP Amendments – March 2013**

**TIP Amendment # 2013-023** 

**TIP #**: 2012-61-175

**2035 RTP ID**: 1161-007

Project: City Center Way Extension

Requested By: City of Fairview

Phase: Preliminary Engineering - NEPA

Fiscal Year(s): 2012

Proposed Changes: Shift funds; Delete from TIP

Total Project Cost: \$0

FROM: \$377,000

FY	Type of Work	Funding	Total	Federal	State	Local
2012	PE-N	L-STP	377,000	301,600	0	75,400
Total			377,000	301,600	0	75,400

TO: \$0

FY	Type of Work	Funding	Total	Federal	State	Local
2						
Total				_		

**Description:** Construct a new roadway from SR-96 to SR-100 in the City of Fairview.

Background: This is a project in the current TIP. The amendment shifts all of the

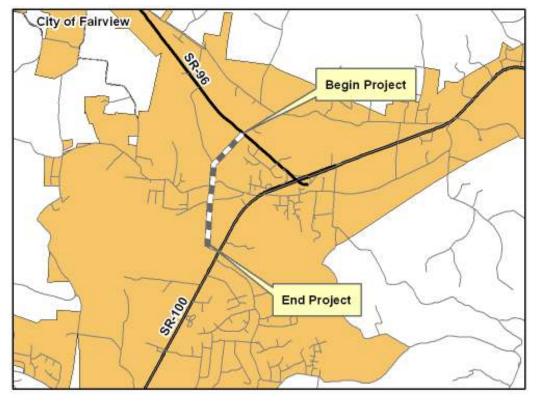
programmed L-STP funds (\$301,600 - federal share) to Fairview's TIP project #2011-610-165 - Fairview's 3R Improvements Grouping. The

amendment also removes this project from the FY 2011-15 TIP.





<b>TIP #</b> 2012-61-175	TDOT PIN #	Improvement Type New Roa	Lead Agency	Fairview			
County Williamson	Length 0.0 mi	RTP# 1161-007	Conformity Status	Non-Exempt			
Route/Project Name	City Center Way Extension		Total Project Cost	\$15,417,000			
Termini or Intersection From SR-96 to SR-100							
Project Description Construct a new roadway							
Fiscal Year Type	e of Work Funding Type	e Total Funds	Fed Funds State Funds	Local Funds			
2012 PE-N	L-STP	\$377,000	\$301,600	\$75,400			
		Remarks					
Amendment 1 # 2012-	O15 Admin Modification 1#						
Amended on 12/14	/2011 Modified on						
Amendment 2 #	Admin Modification 2#						
Amended on	Modified on						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:06:48 AM	Page 238 of 264



#### FY 2011-2015 TIP Amendments - March 2013

**TIP Amendment # 2013-024** 

TIP #: 2013-87-217 - NEW PROJECT

**2035 RTP ID**: 1087-701

Project: Regional Traffic Management Study and Signal

**Optimization Plan** 

Requested By: City of Brentwood and Metro Nashville

**Phase:** Preliminary Engineering – NEPA, Final Design,

Right-of-Way/Utilities

Fiscal Year(s): 2013, 2014

Proposed Changes: Add project to TIP

Total Project Cost: \$382,500

TO: \$382,500

FY	Type of Work	Funding	Total	Federal	State	Local
2013	PE-N	U-STP	56,250	45,000	0	11,250
2013	PE-D	U-STP	218,750	175,000	0	43,750
2014	ROW/UTILITIES	U-STP	107,500	86,000	0	21,500
Total			382,500	306,000	0	76,500

**Description:** Improve the regional transportation infrastructure that is shared between

the jurisdictions of the City of Brentwood and Metro Nashville using the

tools of enhanced traffic signal coordination.

**Background:** This is a new project for inclusion in the FY 2011-15 TIP. The amendment

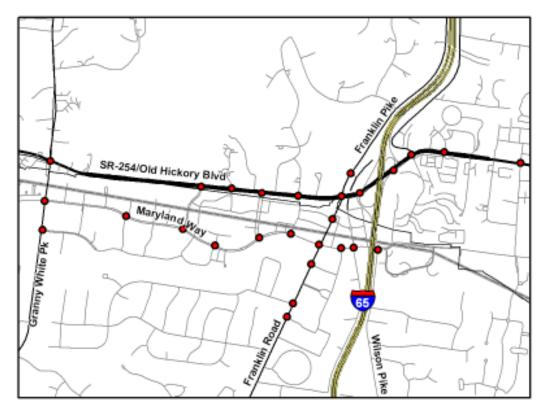
adds the project to the TIP with \$220,000 (federal share) in U-STP funds in FY 2013 and \$86,000 (federal share) in FY 2014. The funds were awarded through the MPO's ITS/ System Operations Program competition. Funds for this project are being shifted from TIP project #2011-89-9999 - Regional ITS & System Management Projects with U-

STP.





<b>TIP #</b> 2013-87-217	TDOT PIN #	Improvemen	nt Type ITS	L	ead Agency Bre	ntwood	
County Regional	Length 0.0	mi <b>RTP#</b> 1	.087-701	Confo	rmity Status Exe	mpt	
Route/Project Name	Regional Traffic Management	Study and Signal Optim	nization Plan	Total F	Project Cost \$38	2,500	
Termini or Intersection Several intersections in southern Davidson County and northern Williamson County  Project Description Improve the regional transportation infrastructure that is shared between the jurisdictions of the City of Brentwood and Metro							
Nashville using the tools of enhanced traffic signal coordination.							
Fiscal Year Typ	e of Work Fundi	ng Type To	otal Funds	Fed Funds	State Funds	Local Funds	
2013 PE-N	U-STP		\$56,250	\$45,000	\$0	\$11,250	
2013 PE-D	U-STP		\$218,750	\$175,000	\$0	\$43,750	
2014 ROW/U	TILITIES U-STP		\$107,500	\$86,000	\$0	\$21,500	
		Remarks					
	-024 Admin Modification	on 1#					
Amended on 3/20/2013 Modified on							
Amendment 2 #	Admin Modification	on 2#					
Amended on	Modified on						



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:47:23 AM	Page 126 of 264



#### FY 2011-2015 TIP Amendments - March 2013

**TIP Amendment # 2013-025** 

TIP #: 2013-77-218 - NEW PROJECT

**2035 RTP ID:** 1087-701

Project: SR-171 (Mt. Juliet Road) Traffic Adaptive Signal

**Control System Corridor Optimization Project** 

Requested By: City of Mt. Juliet

Phase: Preliminary Engineering, Construction

Fiscal Year(s): 2013, 2014

Proposed Changes: Add project to TIP

Total Project Cost: \$653,000

TO: \$653,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	PE-D	LOCAL	68,000	0	0	68,000
2014	CONST	U-STP	585,000	468,000	0	117,000
Total			653,000	468,000	0	185,000

Description: Implementation of a fully-functioning, reliable adaptive signal control

system through the installation of a master signal controller, wireless communication devices, and radar detection for both vehicular and bicycle

(self-propelled) traffic.

**Background:** This is a new project for inclusion in the FY 2011-15 TIP. The amendment

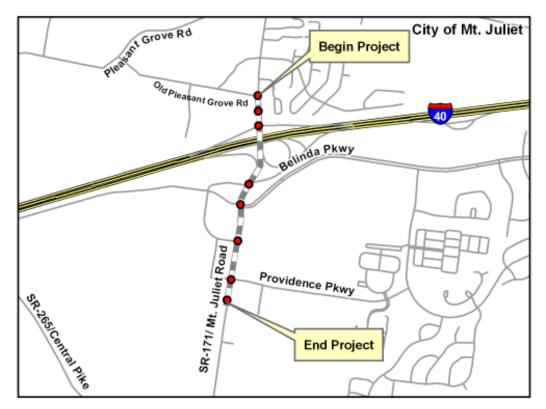
adds the project to the TIP with \$468,000 (federal share) in U-STP funds in FY 2014. The funds were awarded through the MPO's ITS/ System Operations Program competition. Funds for this project are being shifted from TIP project #2011-89-9999 - Regional ITS & System Management

Projects with U-STP.





<b>TIP #</b> 2013-77-21	18 TDOT PIN	# Im	provement Type ITS		Lead Agency M	t. Juliet	
County Wilson	Length	1.0 mi <b>RT</b>	<b>P#</b> 1087-701	Conf	ormity Status Ex	cempt	
Route/Project Na	me SR-171 (Mt. Ju	iet Road) Traffic Adaptive S	Signal Control System Corrid	or Optimiz <b>Tota</b>	Project Cost \$6	553,000	
Termini or Intersection SR-171 (Mt. Juliet Rd)							
Project Description  Implementation of a fully-functioning, reliable adaptive signal control system through the installation of a master signal controller, wireless communication devices, and radar detection for both vehicular and bicycle (self-propelled) traffic.							
Fiscal Year	Type of Work	Funding Type	Total Funds	Fed Funds	State Funds	Local Funds	
2013 P	PE-D	LOCAL	\$68,000	\$0	\$0	\$68,000	
2014 C	CONST	U-STP	\$585,000	\$468,000	\$0	\$117,000	
Remarks							
Amendment 2 #		n Modification 2#					



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:49:36 AM	Page 281 of 264



#### **FY 2011-2015 TIP Amendments – March 2013**

**TIP Amendment # 2013-026** 

TIP #: 2013-67-219 - NEW PROJECT

**2035 RTP ID:** 1087-701

Project: North Berry's Chapel Rd Intersection with

**Lynnwood Way Connector** 

Requested By: Williamson County

Phase: Implementation

Fiscal Year(s): 2013

Proposed Changes: Add project to TIP

Total Project Cost: \$25,000

TO: \$25,000

FY	Type of Work	Funding	Total	Federal	State	Local
2013	<b>IMPLEMENTATION</b>	U-STP	25,000	20,000	0	5,000
Total			25,000	20,000	0	5,000

**Description:** Install LED stop ahead signs and stop signs and stop bars.

Background: This is a new project for inclusion in the FY 2011-15 TIP. The amendment

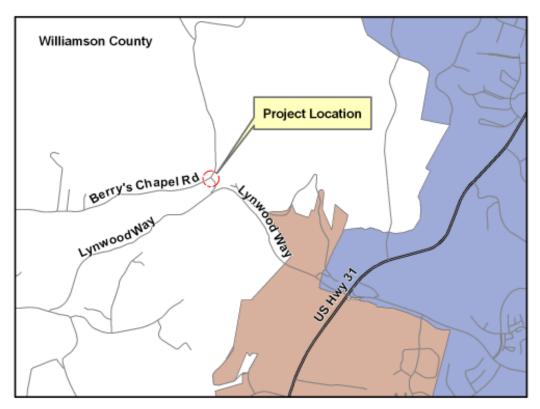
adds the project to the TIP with \$20,000 (federal share) in U-STP funds in FY 2013. The funds were awarded through the MPO's ITS/ System Operations Program competition. Funds for this project are being shifted from TIP project #2011-89-9999 - Regional ITS & System Management

Projects with U-STP.





<b>TIP #</b> 2013-67-219													
County     Williamson     Length     0.0     mi     RTP#     1087-701     Conformity Status     Exempt													
Route/Project Name	North Berry's Chapel Rd Intersection w	with Lynnwood Way Connector	Total Project Cost \$	25,000									
Termini or Intersection Intersection of North Berry's Chapel Rd with Lynnwood Way Connector													
Project Description Install LED stop ahead signs and stop signs and stop bars.													
Fiscal Year Typ	e of Work Funding Type	e Total Funds	Fed Funds State Funds	Local Funds									
2013 IMPLEM	ENTATION U-STP	\$25,000	\$20,000 \$0	\$5,000									
		Remarks											
Amendment 1 # 2013	-026 Admin Modification 1#												
Amended on 3/20/	Modified on												
Amendment 2 #	Admin Modification 2#												
Amended on	Modified on												



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:41:16 AM	Page 260 of 264



#### **FY 2011-2015 TIP Amendments – March 2013**

**TIP Amendment # 2013-027** 

**TIP #:** 2011-89-9999

**2035 RTP ID:** 1087-701

Project: Regional ITS & System Management Projects with

**U-STP** 

Requested By: MPO

Phase: IMPLEMENTATION

Fiscal Year(s): 2012

Proposed Changes: Shift funds

Total Project Cost: \$38,750

FROM: \$1,031,250

FY	Type of Work	Funding	Total	Federal	State	Local
2012	IMPLEMENTATION	U-STP	1,031,250	825,000	0	206,250
Total			1,031,250	825,000	0	206,250

TO: \$38,750

FY	Type of Work	Funding	Total	Federal	State	Local		
2012	IMPLEMENTATION	U-STP	38,750	31,000	0	7,750		
_								
Total			38,750	31,000	0	7,750		

**Description:** 5-years of program funds to be awarded through competitive call-for-

projects for ITS and System Management projects.

**Background:** This is a project in the current TIP. The amendment shifts programmed U-

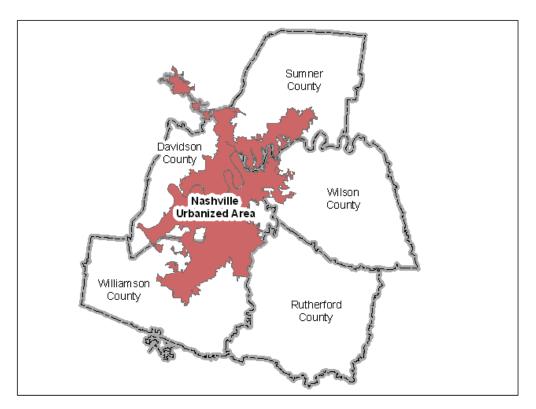
STP funds (\$794,000 - federal share) to three new projects in the TIP that were awarded funds through the MPO's ITS & System Operations Call-

for-projects.





TIP # 2011-89-9999 TDOT PIN # Improvement Type ITS Lead Agency MPO  County Regional Length 0.0 mi RTP# 1087-701 Conformity Status  Route/Project Name Regional ITS & System Management Projects with U-STP Total Project Cost \$1,031,250  Termini or Intersection Regionwide (Nashville-Davidson UZA)  Project Description S-years of program funds to be awarded through competitive call-for-projects within 6-months of TIP adoption.							
	e of Work Funding Type ENTATION U-STP		#\$1,031,250 \$825	Inds State Funds	\$206,250		
Amendment 1 #  Amended on  Amendment 2 #  Amended on	Admin Modification 1# Modified on Admin Modification 2# Modified on	Remarks					

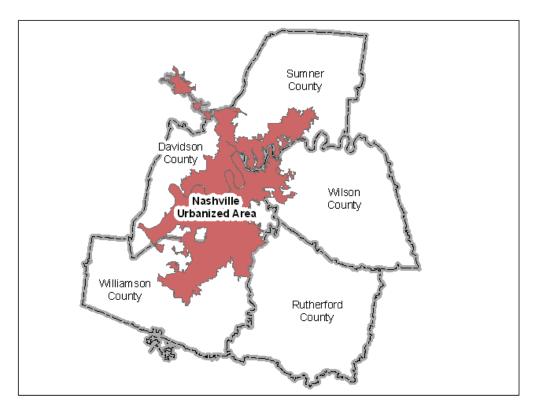


Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/25/2013 9:07:57 AM	Page 111 of 264





<b>TIP #</b> 2011-89-9999	# 2011-89-9999 TDOT PIN # Improvement Type ITS Lead Agency MPO										
County Regional	Length 0.0 mi	RTP# 1087-701	# Conformity Status								
Route/Project Name	Regional ITS & System Managemen	nt Projects with U-STP	Total Project Cost	\$38,750							
Termini or Intersection Regionwide (Nashville-Davidson UZA)											
Project Description  5-years of program funds to be awarded through competitive call-for-projects within 6-months of TIP adoption.											
Fiscal Year Typ	e of Work Funding Typ	pe Total Funds	Fed Funds State Fund	s Local Funds							
2011 IMPLEME	ENTATION U-STP	\$38,750	\$31,000 \$0	\$7,750							
		Remarks									
Amendment 1 # 2013-	-027 Admin Modification 1#										
Amended on 3/20/	Modified on										
Amendment 2 #	Admin Modification 2#										
Amended on	Modified on										



Nashville Area Metropolitan Planning Organization	FY2011-2015 TIP
2/28/2013 11:51:22 AM	Page 113 of 264





### Nashville Area MPO Transportation Improvement Program FYs 2011 through 2015

### **Funding Tables, Before March 20, 2013 Amendments**

Table 3. FYs 2011-2015 TDOT Program Funds

Grant Program	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Total Amount Programmed*	\$ 317,510,334	\$ 234,615,948	\$ 172,129,601	\$ 32,569,594	\$ 431,250	\$ 757,256,727
BRR-L (Bridge Replacement & Rehabilitation - Local)	\$ 408,000	\$ 2,808,000	\$ =	\$ =	\$ -	\$ 3,216,000
BRR-S (Bridge Replacement & Rehabilitation - State)	\$ 23,467,099	\$ 3,240,000	\$ -	\$ -	\$ -	\$ 26,707,099
CMAQ (Congestion Mitigation Air Quality)	\$ 10,205,043	\$ 8,991,445	\$ 6,279,300	\$ 3,024,000	\$ -	\$ 28,499,788
DEMO (Section 115 Demonstration Program)	\$ 354,172	\$ -	\$ 72,689	\$ -	\$ -	\$ 426,861
ENH (Enhancement Grants)	\$ 2,994,728	\$ 5,438,353	\$ 1,661,016	\$ 2,000,000	\$ -	\$ 12,094,097
HPP (High Priority Projects)	\$ 14,620,467	\$ 7,575,996	\$ 6,916,350	\$ 844,800	\$ -	\$ 29,957,613
HSIP (Highway Safety Improvement Program)	\$ 7,740,000	\$ 4,500,000	\$ 1,800,000	\$ 1,800,000	\$ -	\$ 15,840,000
H-STP (STP Set Aside for Hazard Elimination)	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
IM (Interstate Maintenance)	\$ 113,665,050	\$ 53,859,161	\$ 60,000	\$ -	\$ -	\$ 167,548,211
IMD (Interstate Maintenance Discretionary)	\$ -	\$ 3,750,000	\$ -	\$ -	\$ -	\$ 3,750,000
ITS (Intelligent Transportation Systems)	\$ 1,891,073	\$ -	\$ -	\$ -	\$ -	\$ 1,891,073
NHS (National Highway System)	\$ 1,760,000	\$ 17,276,800	\$ 20,562,854	\$ 112,500	\$ -	\$ 39,712,154
NHPP (National Highway Performance Program)	\$ -	\$ -	\$ 85,949,314	\$ 12,863,480	\$ -	\$ 98,812,794
NSBP (National Scenic Byways Program)	\$ 276,644	\$ 266,698	\$ -	\$ -	\$ -	\$ 543,342
PLHD (Public Lands Highways)	\$ 4,023,107	\$ -	\$ -	\$ -	\$ -	\$ 4,023,107
SIP (Safety Improvement Program)	\$ -	\$ 134,640	\$ -	\$ -	\$ -	\$ 134,640
SRTS (Safe Routes to School)	\$ 850,000	\$ 850,000	\$ 850,000	\$ 850,000	\$ -	\$ 3,400,000
STP (State Surface Transportation Program)	\$ 55,721,742	\$ 57,029,216	\$ 18,640,000	\$ 4,520,000	\$ -	\$ 135,910,958
STP-S (STP Set Aside for Safety Improvements)	\$ -	\$ -	\$ 266,400	\$ -	\$ -	\$ 266,400
State Funds (includes matching funds)	\$ 79,533,209	\$ 68,795,639	\$ 29,071,678	\$ 6,554,814	\$ 431,250	\$ 184,386,590

<sup>\*</sup>Funds are programmed only if corresponding revenue is anticipated by TDOT.



Table 4. FYs 2011-2015 MPO Funds: FHWA Grant Revenues

Opening Grant Program Balance*			_	Y 2011 location	FY 2012 Allocation		FY 2013 Allocation		FY 2014 Allocation		FY 2015 Allocation		Total Revenue	
Total Revenue	\$	77,766,914	\$	16,857,134	\$	18,392,959	\$	18,335,997	\$	19,987,190	\$	20,586,805	\$	171,926,999
STP Nash-Davidson UZA	\$	63,059,849	\$	14,972,607	\$	15,421,785	\$	15,884,439	\$	16,360,972	\$	16,851,801	\$	142,551,453
STP Murfreesboro UZA	\$	10,302,617	\$	1,867,309	\$	2,823,674	\$	2,451,558	\$	2,525,105	\$	2,600,858	\$	22,571,122
STP Lebanon**	\$	1,389,339	\$	17,218	\$	147,500	\$	-	\$	347,335	\$	357,755	\$	2,259,147
STP Spring Hill**	\$	1,313,746	\$	-	\$	-	\$	-	\$	328,437	\$	338,290	\$	1,980,472
STP Fairview**	\$	486,114	\$	-	\$	-	\$	-	\$	121,529	\$	125,174	\$	732,817
STP Portland**	\$	612,637	\$	-	\$	-	\$	-	\$	153,159	\$	157,754	\$	923,550
STP White House**	\$	602,612	\$	-	\$	-	\$	-	\$	150,653	\$	155,173	\$	908,438

<sup>\*</sup>Opening balance includes unobligated funds from prior years. \*\*Local Urban Area STP for communities 5,000 to 50,000 in population is allocated by TDOT in four-year cycles.

Table 5. FYs 2011-2015 MPO Funds: FHWA Grant Expenditures

<b>Grant Program</b>	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Total Amount Programmed	\$ 79,234,918	\$ 17,760,902	\$ 8,705,612	\$ 4,172,000	\$ 1,500,000	\$ 111,372,832
STP Nash-Davidson UZA	\$ 70,827,242	\$ 12,858,847	\$ 1,364,000	\$ 796,000	\$ 1,500,000	\$ 87,346,689
STP Murfreesboro UZA	\$ 6,566,400	\$ 3,351,520	\$ 6,738,400	\$ 2,720,000	\$ -	\$ 19,376,320
STP Lebanon	\$ 160,200	\$ 1,064,421	\$ -	\$ 656,000	\$ -	\$ 1,880,621
STP Spring Hill	\$ 1,135,966	\$ -	\$ -	\$ -	\$ -	\$ 1,135,966
STP Fairview	\$ -	\$ 486,114	\$ -	\$ -	\$ -	\$ 486,114
STP Portland	\$ 545,110	\$ -	\$ -	\$ -	\$ -	\$ 545,110
STP White House	\$ -	\$ -	\$ 602,612	\$ -	\$ -	\$ 602,212



Table 6. FYs 2011-2015 MPO Funds: FHWA Unprogrammed Revenues

<b>Grant Program</b>	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Remaining Balance*	\$ 15,389,130	\$ 16,021,187	\$ 25,651,572	\$ 41,739,386	\$ 60,826,190
STP Nash-Davidson UZA	\$ 7,205,214	\$ 9,768,152	\$ 24,287,991	\$ 39,852,963	\$ 55,204,764
STP Murfreesboro UZA	\$ 5,603,526	\$ 5,075,680	\$ 788,838	\$ 593,943	\$ 3,194,801
STP Lebanon	\$ 1,246,357	\$ 329,436	\$ 329,436	\$ 20,771	\$ 378,526
STP Spring Hill	\$ 177,780	\$ 177,780	\$ 177,780	\$ 506,217	\$ 844,506
STP Fairview	\$ 486,114	\$ -	\$ -	\$ 121,529	\$ 246,703
STP Portland	\$ 67,527	\$ 67,527	\$ 67,527	\$ 493,310	\$ 651,064
STP White House	\$ 602,612	\$ 602,612	\$ -	\$ 150,653	\$ 305,826

<sup>\*</sup> Annual cumulative balance.

Table 7. FYs 2011-2015 MPO Funds: FHWA Construction Reserves & Balances

Grant Program	FY 2011 to FY 2015
STP Nash-Davidson UZA Unprogrammed Funds	\$ 55,204,764
STP Nash-Davidson UZA Construction Reserve	\$ 54,345,919
STP Nash-Davidson UZA Remaining Balance	\$ 858,845
STP Murfreesboro UZA Unprogrammed Funds	\$ 3,194,801
STP Murfreesboro UZA Construction Reserve	\$ 920,000
STP Murfreesboro UZA Remaining Balance	\$ 2,274,801



Table 8. FYs 2011-2015 MPO Funds: FTA Grant Revenues

Grant Program	Opening Balance*	FY 2011 Allocation	FY 2012 Allocation	FY 2013 Allocation	FY 2014 Allocation	FY 2015 Allocation	Total Revenue
Total Revenue	\$ 4,987,386	\$ 16,886,836	\$ 20,239,944	\$ 21,931,535	\$ 19,457,185	\$ 20,040,901	\$ 103,543,787
5307 Nash-Davidson UZA	\$ -	\$ 11,683,802	\$ 17,405,266	\$ 19,043,200	\$ 16,480,000	\$ 16,974,400	\$ 81,586,668
5307 Murfreesboro UZA	\$ 4,000,000	\$ 2,006,160	\$ 2,066,345	\$ 2,128,335	\$ 2,192,185	\$ 2,257,951	\$ 14,650,976
5316 Nash-Davidson UZA	\$ 539,887	\$ 440,113	\$ 455,000	\$ 470,000	\$ 485,000	\$ 499,550	\$ 2,889,550
5317 Nash-Davidson UZA	\$ 378,086	\$ 272,461	\$ 313,333	\$ 290,000	\$ 300,000	\$ 309,000	\$ 1,862,880
5309 Capital Investments	\$ 69,413	\$ 1,304,300	\$ -	\$ -	\$ -	\$ -	\$ 1,373,713
5339 Alternative Analysis	\$ -	\$ 1,180,000	\$ -	\$ -	\$ -	\$ -	\$ 1,180,000

<sup>\*</sup>Opening balance includes unobligated funds from prior years.

#### Table 9. FYs 2011-2015 MPO Funds: FTA Grant Expenditures

Grant Program	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Total Amount Programmed	\$ 20,248,390	\$ 18,704,398	\$ 19,652,319	\$ 17,171,580	\$ 3,450,000	\$ 79,226,687
5307 Nash-Davidson UZA	\$ 11,498,380	\$ 16,239,636	\$ 17,204,941	\$ 14,652,181	\$ 3,450,000	\$ 63,045,138
5307 Murfreesboro UZA	\$ 4,565,750	\$ 1,681,725	\$ 1,687,378	\$ 1,734,399	\$ -	\$ 9,669,252
5316 Nash-Davidson UZA	\$ 980,000	\$ 463,928	\$ 470,000	\$ 485,000	\$ -	\$ 2,398,928
5317 Nash-Davidson UZA	\$ 650,547	\$ 319,109	\$ 290,000	\$ 300,000	\$ -	\$ 1,559,656
5309 Capital Investments	\$ 1,373,713	\$ -	\$ -	\$ -	\$ -	\$ 1,373,713
5339 Alternative Analysis	\$ 1,180,000	\$ -	\$ -	\$ -	\$ -	\$ 1,180,000

#### Table 10. FYs 2011-2015 MPO Funds: FTA Unprogrammed Revenues

Grant Program	FY 2011		FY 2012		FY 2013	FY 2014	FY 2015
Remaining Balance*	\$ 1,625,832	\$	6,232,335		\$ 10,336,581	\$ 14,888,173	\$ 31,944,896
5307 Nash-Davidson UZA	\$ 185,422	\$	1,351,052	;	\$ 3,189,311	\$ 5,017,130	\$ 18,541,530
5307 Murfreesboro UZA	\$ 1,440,410	\$	3,265,440	;	\$ 5,531,427	\$ 8,255,200	\$ 10,978,973
5316 Nash-Davidson UZA	\$ -	\$	971,072	;	\$ 971,072	\$ 971,072	\$ 1,470,622
5317 Nash-Davidson UZA	\$ -	\$	644,771		\$ 644,771	\$ 644,771	\$ 953,771
5309 Capital Investments	\$ -	\$	-	;	\$ -	\$ -	\$ -
5339 Alternative Analysis	\$ -	\$	-	;	\$ -	\$ -	\$ -

<sup>\*</sup> Annual cumulative balance.





### Nashville Area MPO Transportation Improvement Program FYs 2011 through 2015

#### Funding Tables, After March 20, 2013 Amendments

Table 3. FYs 2011-2015 TDOT Program Funds

Grant Program	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Total Amount Programmed*	\$ 317,510,334	\$ 234,615,948	\$ 177,004,412	\$ 33,619,844	\$ 431,250	\$ 758,181,788
BRR-L (Bridge Replacement & Rehabilitation - Local)	\$ 408,000	\$ 2,808,000	\$ -	\$ =	\$ -	\$ 3,216,000
BRR-S (Bridge Replacement & Rehabilitation - State)	\$ 23,467,099	\$ 3,240,000	\$ -	\$ -	\$ -	\$ 26,707,099
CMAQ (Congestion Mitigation Air Quality)	\$ 10,205,043	\$ 8,991,445	\$ 6,387,300	\$ 3,043,600	\$ -	\$ 28,627,388
DEMO (Section 115 Demonstration Program)	\$ 354,172	\$ -	\$ 72,689	\$ -	\$ -	\$ 426,861
ENH (Enhancement Grants)	\$ 2,994,728	\$ 5,438,353	\$ 660,490	\$ 3,023,150	\$ -	\$ 12,116,721
HPP (High Priority Projects)	\$ 14,620,467	\$ 7,575,996	\$ 6,916,350	\$ 844,800	\$ -	\$ 29,957,613
HSIP (Highway Safety Improvement Program)	\$ 7,740,000	\$ 4,500,000	\$ 1,800,000	\$ 1,800,000	\$ -	\$ 15,840,000
H-STP (STP Set Aside for Hazard Elimination)	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
IM (Interstate Maintenance)	\$ 113,665,050	\$ 53,859,161	\$ 60,000	\$ -	\$ -	\$ 167,548,211
IMD (Interstate Maintenance Discretionary)	\$ -	\$ 3,750,000	\$ -	\$ -	\$ -	\$ 3,750,000
ITS (Intelligent Transportation Systems)	\$ 1,891,073	\$ -	\$ -	\$ -	\$ -	\$ 1,891,073
NHS (National Highway System)	\$ 1,760,000	\$ 17,276,800	\$ 20,562,854	\$ 112,500	\$ -	\$ 39,712,154
NHPP (National Highway Performance Program)	\$ -	\$ -	\$ 85,949,314	\$ 12,863,480	\$ -	\$ 98,812,794
NSBP (National Scenic Byways Program)	\$ 276,644	\$ 266,698	\$ -	\$ -	\$ -	\$ 543,342
PLHD (Public Lands Highways)	\$ 4,023,107	\$ -	\$ -	\$ -	\$ -	\$ 4,023,107
SIP (Safety Improvement Program)	\$ -	\$ 134,640	\$ -	\$ -	\$ -	\$ 134,640
SRTS (Safe Routes to School)	\$ 850,000	\$ 850,000	\$ 850,000	\$ 850,000	\$ -	\$ 3,400,000
STP (State Surface Transportation Program)	\$ 55,721,742	\$ 57,029,216	\$ 18,640,000	\$ 4,520,000	\$ -	\$ 135,910,958
STP-S (STP Set Aside for Safety Improvements)	\$ <u> </u>	\$ -	\$ 266,400	\$ -	\$ -	\$ 266,400
State Funds (includes matching funds)	\$ 79,533,209	\$ 68,795,639	\$ 29,839,015	\$ 6,562,314	\$ 431,250	\$ 185,161,427

<sup>\*</sup>Funds are programmed only if corresponding revenue is anticipated by TDOT.



Table 4. FYs 2011-2015 MPO Funds: FHWA Grant Revenues

Grant Program	Opening Balance*	_	Y 2011 location	FY 2012 Illocation	FY 2013 Allocation	FY 2014 Ilocation	FY 2015 Ilocation	Total Revenue
Total Revenue	\$ 77,766,914	\$	16,857,134	\$ 18,392,959	\$ 18,335,997	\$ 19,987,190	\$ 20,586,805	\$ 171,926,999
STP Nash-Davidson UZA	\$ 63,059,849	\$	14,972,607	\$ 15,421,785	\$ 15,884,439	\$ 16,360,972	\$ 16,851,801	\$ 142,551,453
STP Murfreesboro UZA	\$ 10,302,617	\$	1,867,309	\$ 2,823,674	\$ 2,451,558	\$ 2,525,105	\$ 2,600,858	\$ 22,571,122
STP Lebanon**	\$ 1,389,339	\$	17,218	\$ 147,500	\$ -	\$ 347,335	\$ 357,755	\$ 2,259,147
STP Spring Hill**	\$ 1,313,746	\$	-	\$ -	\$ -	\$ 328,437	\$ 338,290	\$ 1,980,472
STP Fairview**	\$ 486,114	\$	-	\$ -	\$ -	\$ 121,529	\$ 125,174	\$ 732,817
STP Portland**	\$ 612,637	\$	-	\$ -	\$ -	\$ 153,159	\$ 157,754	\$ 923,550
STP White House**	\$ 602,612	\$	-	\$ -	\$ -	\$ 150,653	\$ 155,173	\$ 908,438

<sup>\*</sup>Opening balance includes unobligated funds from prior years. \*\*Local Urban Area STP for communities 5,000 to 50,000 in population is allocated by TDOT in four-year cycles.

Table 5. FYs 2011-2015 MPO Funds: FHWA Grant Expenditures

<b>Grant Program</b>	FY 2011		FY 2012		FY 2013		FY 2014		FY 2015		TOTAL
Total Amount Programmed	\$ 79,124,518	\$	16,480,788	\$	9,719,306	\$	4,726,000	\$	1,500,000	\$	111,550,612
STP Nash-Davidson UZA	\$ 70,827,242	\$	12,064,847	\$	1,604,000	\$	1,350,000	\$	1,500,000	\$	87,346,089
STP Murfreesboro UZA	\$ 6,566,400	\$	3,351,520	\$	6,738,400	\$	2,720,000	\$	-	\$	19,376,320
STP Lebanon	\$ 49,800	\$	1,064,421	\$	110,400	\$	656,000	\$	-	\$	1,880,621
STP Spring Hill	\$ 1,135,966	\$	-	\$	177,780	\$	-	\$	-	\$	1,313,746
STP Fairview	\$ -	\$	-	\$	486,114	\$	-	\$	-	\$	184,514
STP Portland	\$ 545,110	\$	-	\$	-	\$	-	\$	-	\$	545,110
STP White House	\$ -	\$	-	\$	602,612	\$	-	\$	-	\$	602,212



Table 6. FYs 2011-2015 MPO Funds: FHWA Unprogrammed Revenues

<b>Grant Program</b>	FY 2011	FY 2012	FY 2013		FY 2014	FY 2015
Remaining Balance*	\$ 15,499,530	\$ 17,411,701	\$	26,028,392	\$ 41,562,206	\$ 60,649,011
STP Nash-Davidson UZA	\$ 7,205,214	\$ 10,562,152	\$	24,842,591	\$ 39,853,563	\$ 55,205,364
STP Murfreesboro UZA	\$ 5,603,526	\$ 5,075,680	\$	788,838	\$ 593,943	\$ 3,194,801
STP Lebanon	\$ 1,356,757	\$ 439,836	\$	329,436	\$ 20,771	\$ 378,526
STP Spring Hill	\$ 177,780	\$ 177,780	\$	-	\$ 328,437	\$ 666,727
STP Fairview	\$ 301,600	\$ 486,114	\$	-	\$ 121,529	\$ 246,703
STP Portland	\$ 67,527	\$ 67,527	\$	67,527	\$ 493,310	\$ 651,064
STP White House	\$ 602,612	\$ 602,612	\$	-	\$ 150,653	\$ 305,826

<sup>\*</sup> Annual cumulative balance.

Table 7. FYs 2011-2015 MPO Funds: FHWA Construction Reserves & Balances

Grant Program	FY 2011 to FY 2015
STP Nash-Davidson UZA Unprogrammed Funds	\$ 55,205,364
STP Nash-Davidson UZA Construction Reserve	\$ 54,345,919
STP Nash-Davidson UZA Remaining Balance	\$ 859,445
STP Murfreesboro UZA Unprogrammed Funds	\$ 3,194,801
STP Murfreesboro UZA Construction Reserve	\$ 920,000
STP Murfreesboro UZA Remaining Balance	\$ 2,274,801



Table 8. FYs 2011-2015 MPO Funds: FTA Grant Revenues

	Opening	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Grant Program	Balance*	Allocation	Allocation	Allocation	Allocation	Allocation	Total Revenue
Total Revenue	\$ 4,987,386	\$ 16,886,836	\$ 20,239,944	\$ 28,130,226	\$ 19,457,185	\$ 20,040,901	\$ 109,742,478
5307 Nash-Davidson UZA	\$ -	\$ 11,683,802	\$ 17,405,266	\$ 25,047,921	\$ 16,480,000	\$ 16,974,400	\$ 87,591,389
5307 Murfreesboro UZA	\$ 4,000,000	\$ 2,006,160	\$ 2,066,345	\$ 2,128,335	\$ 2,192,185	\$ 2,257,951	\$ 14,650,976
5316 Nash-Davidson UZA	\$ 539,887	\$ 440,113	\$ 455,000	\$ 470,000	\$ 485,000	\$ 499,550	\$ 2,889,550
5317 Nash-Davidson UZA	\$ 378,086	\$ 272,461	\$ 313,333	\$ 290,000	\$ 300,000	\$ 309,000	\$ 1,862,880
5309 Capital Investments	\$ 69,413	\$ 1,304,300	\$ -	\$ 193,970	\$ -	\$ -	\$ 1,567,683
5339 Alternative Analysis	\$ -	\$ 1,180,000	\$ -	\$ -	\$ -	\$ -	\$ 1,180,000

<sup>\*</sup>Opening balance includes unobligated funds from prior years.

Table 9. FYs 2011-2015 MPO Funds: FTA Grant Expenditures

Grant Program	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Total Amount Programmed	\$ 20,248,390	\$ 18,704,398	\$ 25,597,040	\$ 17,171,580	\$ 3,450,000	\$ 85,365,378
5307 Nash-Davidson UZA	\$ 11,498,380	\$ 16,239,636	\$ 23,149,662	\$ 14,652,181	\$ 3,450,000	\$ 68,989,859
5307 Murfreesboro UZA	\$ 4,565,750	\$ 1,681,725	\$ 1,687,378	\$ 1,734,399	\$ -	\$ 9,669,252
5316 Nash-Davidson UZA	\$ 980,000	\$ 463,928	\$ 470,000	\$ 485,000	\$ -	\$ 2,398,928
5317 Nash-Davidson UZA	\$ 650,547	\$ 319,109	\$ 290,000	\$ 300,000	\$ -	\$ 1,559,656
5309 Capital Investments	\$ 1,373,713	\$ -	\$ 193,970	\$ -	\$ -	\$ 1,567,683
5339 Alternative Analysis	\$ 1,180,000	\$ -	\$ -	\$ -	\$ -	\$ 1,180,000

#### Table 10. FYs 2011-2015 MPO Funds: FTA Unprogrammed Revenues

Grant Program	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Remaining Balance*	\$ 1,625,832	\$ 6,232,335	\$ 10,396,581	\$ 14,948,173	\$ 32,004,896
5307 Nash-Davidson UZA	\$ 185,422	\$ 1,351,052	\$ 3,249,311	\$ 5,077,130	\$ 18,601,530
5307 Murfreesboro UZA	\$ 1,440,410	\$ 3,265,440	\$ 5,531,427	\$ 8,255,200	\$ 10,978,973
5316 Nash-Davidson UZA	\$ -	\$ 971,072	\$ 971,072	\$ 971,072	\$ 1,470,622
5317 Nash-Davidson UZA	\$ -	\$ 644,771	\$ 644,771	\$ 644,771	\$ 953,771
5309 Capital Investments	\$ -	\$ -	\$ -	\$ -	\$ -
5339 Alternative Analysis	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup> Annual cumulative balance.