

# Cleveland Urban Area

## METROPOLITAN PLANNING ORGANIZATION

**TOM ROWLAND, CHAIRMAN**

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June 25, 2016

Deborah A. Fleming, MPO Transportation Specialist  
Long Range Planning Division  
James K. Polk Bldg, 9<sup>th</sup> Floor  
505 Deaderick St., Nashville, TN 37243

RE: Cleveland MPO 2016- 2017 UPWP Update

Dear Ms. Fleming:

I need to propose an amendment to the 2016 UPWP. The amendment would affect the text and the financial tables and it would affect the amounts available in all of the work tasks. The amendment would change the total FTA 5303 funds amount in FY2016 to the \$47,081 (Federal and State amount) of 5303 funds available under the FY2011 contract. Also, the amendment would add \$227,232 of PL funds available balance from the end of FY2015, allocating these funds in the same proportion among work tasks as the \$166,105 of FY2016 PL funds already in the adopted 2016 UPWP. The amendment includes a brief addition to the descriptive language under Work Task 4 Transit planning addressing bicycle and pedestrian planning. The title of Work Task 5 is changed to "Transportation Data".

The amounts in the work tasks are changed in the following ways:

Task 1 Administration Activities: increase PL 112 from \$53,153 to \$125, 867; local match from \$13,288 to \$31,467.

Task 2 Long Range Transportation Plan: increase PL 112 from \$56,747 to \$134,006; local match from \$13,288 to \$31,467. Increase 5303 funds from \$0 to \$16,740 with \$2,092 State match and \$2,093 local match.

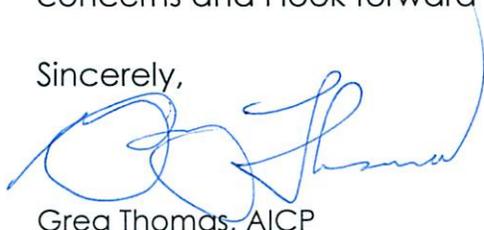
Task 3 TIP: increase PL 112 from \$38,205 to \$90,469; local match from \$9,551 to \$22,617.

Task 4 Transit Planning: increase PL 112 from \$8,000 to \$19,361; local match from \$2,000 to \$3,872. 20002,500 to \$5,909. Decrease 5303 funds from \$27,141 to \$25,110 with a change in the State match from \$3,393 to \$3,138, and a change in the local match from \$3,393 to \$3,139.

Task 5 Transportation Data: increase PL 112 from \$10,000 to \$23,634; local match from \$2,500 to \$5,909.

Thanks and please let me know if you have any immediate questions or concerns and I look forward to receiving your comments after review.

Sincerely,

A handwritten signature in blue ink, appearing to read "Greg Thomas". The signature is stylized and written over a faint, larger version of the same signature.

Greg Thomas, AICP  
MPO Coordinator

**GRANT CONTRACT**

(cost reimbursement grant contract with a federal or Tennessee local or quasi-governmental entity)

Begin Date July 1, 2011		End Date June 30, 2016		Agency Tracking # 40100-04613		Edison ID 34674	
Contractor Legal Entity Name City of Cleveland						Edison Vendor ID 4062	
Subrecipient or Vendor <input checked="" type="checkbox"/> Subrecipient <input type="checkbox"/> Vendor			CFDA # 20.505				
Service Caption (one line only) FY 2011 5303 Planning Assistance							
Funding —							
FY	State	Federal	Interdepartmental	Other	TOTAL Contract Amount		
13	\$5,231.00	\$41,850.00			\$47,081.00		
TOTAL:	\$5,231.00	\$41,850.00			\$47,081.00		
American Recovery and Reinvestment Act (ARRA) Funding: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
Budget Officer Confirmation: There is a balance in the appropriation from which obligations hereunder are required to be paid that is not already encumbered to pay other obligations.				OCR USE - GG			
				GG-13-34674-00			
Speed Chart (optional) TX00114831		Account Code (optional) 71304000					

TX00114832

Edison Address #1

### **III. On-going Challenges, Accomplishments, and Proposed Work Tasks....**

#### **C. Work Tasks for 2016-2017 UPWP....**

##### **Work Task I --- ADMINISTRATIVE ACTIVITIES**

###### **Responsible Agencies**

The responsible agencies include the Tennessee Department of Transportation (Long Range Planning Division, the Local Program Development Division, and Multimodal Transportation Resources Division) and the Cleveland Urban Area Metropolitan Planning Organization.

###### **Purpose**

To manage and administer the transportation planning program and ensure the participation and cooperation with all involved agencies, citizen groups, and individuals is a transparent and public process.

###### **Previous Work**

The MPO staff arranged, advertised, conducted and recorded all of the MPO Executive Board and TCC meetings during FY2014-FY2015. The MPO staff prepared quarterly billings for the 2014-2015 fiscal years. Each year the MPO staff prepares and manages the Unified Planning Work Program (UPWP) and attends various Federal Highway Administration and Tennessee Department of Transportation training sessions.

TDOT Multimodal Transportation Resources will administer correspondence and telephone contacts regarding river transportation, urban public transit, rail service, ridesharing, and transportation systems management. Representatives of this office will participate in MPO meetings; distribute federal guidelines and requirements; conduct seminars and work sessions; provide advice and assistance concerning feasibility of river transportation development; review study documentation and reports; administer funds for port development. This office will coordinate FTA's Section 5303 and other transit funding programs serving the MPO area.

###### **FY2016-FY2017 Tasks**

1. Develop and oversee work schedules and study agreements, coordinate activities of the MPO Executive Board and TCC and provide information upon request.

2. Develop and maintain agreements with appropriate parties of the planning process and update Prospectus and By-laws when needed, and any other amendments to bring the document(s) into compliance. This will include the means for remaining proactive; ensure compliance with ADA legislation; and ways to seek out the underserved. Organizational and outreach activities for the Title VI Program will continue throughout the year and the MPO will update as needed the Annual Title VI compliance report.
3. Develop the FY2018-FY2019 Unified Planning Work Program for MPO Executive Board adoption and submittal to TDOT, FHWA, and FTA.
4. Make amendments to the FY2016-FY2017 UPWP as required.
5. Encourage a cooperative and open transportation planning process through the participation of interested individuals, organizations, and local/state governments.
6. Participate in the Association of Metropolitan Planning Organizations and Tennessee Association of MPO Coordinators meetings.
7. Serve as a source of state and federal policy review, study documentation and reports, and otherwise coordinate with TDOT Multimodal Transportation Resources and the SETHRA as operators of the local transit system CUATS regarding FTA funds and FTA programs 49 CFR 5309, 5303, 5307 and 5310.
8. The MPO staff will provide data and transportation planning assistance for transportation projects enhancing modal choice, including project proposal development for competitive grant applications under various sources including Safe Routes to Schools and Transportation Alternatives funds.
9. The MPO staff will collaborate with officials at the Cleveland Urban Area Transit System (CUATS), SETHRA's transit system in the Cleveland Urbanized Area, to pursue any transit grants available and to ensure a comprehensive and collective approach to transportation planning is practiced to guarantee the citizens public transportation.
10. The Long Range Planning Division of TDOT will work jointly with the MPO to establish the administrative and technical procedures required, prepare contractual agreements as required, attend all study meetings, distribute special and annual reports and study documents, review and analyze individual transportation planning projects and studies, and undertake general administrative activities. The MPO will continually look for guidance from the Long Range Planning Division at TDOT on all issues pertaining to the MPO.

## **Products**

Products of the MPO staff include minutes of MPO meetings, monthly meeting packets, quarterly progress reports, various contracts and agreements, files and records as required, and the UPWP. Additionally, MPO staff will perform all work necessary to

maintain an ongoing transportation planning program that meets FTA, FHWA and TDOT requirements and regulations.

**Figure 6: Task I Product Schedule**

Product	Schedule
FY2018-FY2019 Unified Planning Work Program	Winter/Spring/Summer 2017
Amendments/Adjustments to the UPWP	As needed
Quarterly Invoices and Reports	Quarterly
Administration and Coordination of meetings	On-going task

**Work Task II--- LONG RANGE TRANSPORTATION PLANNING**

**Responsible Agencies**

The responsible agencies include the Cleveland Urban Area Metropolitan Planning Organization; City of Cleveland, Bradley County; and the Tennessee Department of Transportation, Long Range Planning Division.

**Purpose**

The Cleveland Area Metropolitan Planning Organization, in conjunction with Bradley County, City of Cleveland, the City of Charleston, the Town of Calhoun, McMinn County, SETHRA, FTA, FHWA, and TDOT, will work to prepare the 2040 Regional Transportation Plan for adoption and amend the adopted plan as needed. Major activities for the MPO beginning in FY2016-FY2017 will be the adoption process for the 2040 RTP, continued participation TDOT’s new Statewide Long Range Plan, and preparation for the implementation of Performance Based Planning and programming.

**Previous Work**

The MPO hired consultants to work with staff in the development of the 2040 RTP. TDOT has worked with the MPOs to help with model development, freight planning and ITS development and implementation. The MPO, working with consultants, developed amendments to the 2035 RTP as needed to implement various projects.

**FY2016-FY2017 Tasks**

1. The MPO staff will continue the on-going management of the 2035 RTP and the development, adoption, and implementation of the 2040 RTP. This effort will

address the needs of passengers and freight encompassing highway transportation, transit, and non-motorized modes.

2. Work will continue on model development, ITS architecture and planning and assistance with freight planning as needed.
3. The MPO will remain proactive by addressing problems before they arise, by creating a planning network with consistent up to date data and projections to use in the travel demand model and other plans that will show a clearer picture of future needs within the MPO planning area boundary.
4. The MPO will continue to manage the updates and maintenance of the new travel demand model to ensure the accuracy of the data and to ensure that the most recent data is available for input into the model.
5. The MPO will continually update the Environmental Justice portion of the RTP to incorporate changes in the TIP and future projects, and to reflect available data from the 2010 Census.
6. FHWA has developed INVEST (Infrastructure Voluntary Evaluation Sustainability Tool), a web-based collection of voluntary best practices. The evaluation criteria in INVEST address the "triple bottom line" principles of sustainability (social, economic, environmental) across three key areas of transportation planning: systems planning, project development criteria, and operations and maintenance criteria. The MPO will utilize the Systems Planning (SP) portion of INVEST for evaluation of the RTP.
7. The MPO will continue coordinate with TDOT in the development of TDOT's new Statewide Long Range Plan.
8. The MPO will coordinate with TDOT in various aspects of MAP-21 required performance management that affect long range planning by the MPO and which contain reporting requirements applicable to the MPO.

**Products**

A continually updated Long-Range Transportation Plan for the Cleveland, Tennessee MPO Area.

**Figure 7: Task B Product Schedule**

Product	Schedule
Regional Transportation Plan Amendments	As needed
New Long Range Transportation Plan (2040 RTP)	Complete Spring 2016
Administration and coordination of meetings required for the RTP amendment or adjustment process	As needed
Develop and Implement Performance Based Planning and Programming approach for MPO in cooperation with TDOT	On-going

**Work Task III --- TRANSPORTATION IMPROVEMENT PROGRAM**

**Responsible Agencies**

The responsible agencies include the Tennessee Department of Transportation, Long Range Planning Division; and the Cleveland Urban Area Metropolitan Planning Organization.

**Purpose**

The Cleveland Area Metropolitan Planning Organization, in conjunction with Bradley County, City of Cleveland, FTA, FHWA, and TDOT, will continue to work collaboratively to manage the FY2014-FY2017 Transportation Improvement Program (TIP) and coordinate with local agencies to ensure the advancement of projects in the TIP. These agencies will also work to develop and implement the FY2017-FY2020 TIP. All work to be completed on this task will be in compliance with the MPO adopted Public Participation Plan, to ensure that public involvement is included in the end products.

**Previous Work**

The MPO Executive Board adopted the FY2014-FY2017 TIP in October 2013. In FY2014-FY2015, working with Parson Brinkerhoff, MPO staff processed TIP amendments and adjustments to ensure successful management of the 2014-2017 TIP and effective implementation of projects programmed in the TIP, and it is expected that staff will continue to process amendments and adjustments to the 2014-2017 TIP and 2017-2020 TIP as needed.

**FY2016—FY2017 Tasks**

1. The MPO will amend and adjust the FY2014-FY2017 TIP as needed.
2. The MPO will review proposed projects by TDOT, local implementing agencies, CUATS, and private developers for transportation, for Title VI impacts, and consistency with the RTP.
3. The MPO will be addressing the requirements of 24 CFR 450.322 that pertain to the annual listing of obligated projects. The MPO will monitor projects that are programmed in the TIP to ensure proper funding and priorities are being met.
4. The MPO will develop the 2017-2020 TIP

**Products**

Products will include any amendments and adjustments to the FY2014-FY2017 TIP and the development and adoption of the 2017-2020 TIP.

**Figure 8: Task C Product Schedule**

Product	Schedule
Amendments / Adjustments to the TIP	On-going task
Listing of Obligated Projects	Spring 2016 and 2017
MPO Project Priority List for TDOT	Winter 2016 and 2017
Administration and Coordination of meetings for the TIP process	On-going task
Develop 2017-2020 TIP	Winter, Spring, Summer 2016

**Work Task IV--- TRANSIT PLANNING**

**Responsible Agencies**

The responsible agencies include Tennessee Department of Transportation, Project Planning Division and Multimodal Transportation Resources Division; Cleveland Urban Area Metropolitan Planning Organization, City of Cleveland, City of Charleston, Town of Calhoun, Bradley County, McMinn County, and the Southeast Tennessee Human Resources Agency.

**Purpose**

The Cleveland Area Metropolitan Planning Organization will work in partnership with Bradley County, City of Cleveland, FTA, and SETHRA, to address the transit needs of the population within the MPO planning boundary.

### **Previous Work**

The MPO adopted the Transit Plan in 2006 that was developed for the MPO by a consultant. The MPO integrated the Plan into the Regional Transportation Plan (RTP) that was adopted in August 2008. The MPO worked closely with SETHRA on the Cleveland Depot Project. The MPO and SETHRA met with PB Americas, Inc. to gather data with the purpose of reviewing and analyzing the existing transit system, to make recommendations as part of the development of the Transit System Plan element of the 2035 RTP. A Transit System Plan that recommends improvements to the existing system, projects future ridership and identifies potential future extensions of the system has been adopted as part of the 2035 RTP process. Working with PB Americas, Inc. and SETHRA, during FY2012 and FY2013 a route study was prepared to evaluate issues with existing routes, to suggest propose route changes and additions, and to consider bus stop locations and signage improvements. In FY2014 and FY2015, MPO and CUATS staff coordinated on the development and submittal of Multimodal Access grant applications to TDOT including what would be the systems first bus shelters. MPO and CUATS staff have worked through the University of Tennessee SCI program to further the process of bus shelter planning for the system during FY2015.

### **FY2016-FY2017 Tasks**

All work to be completed on this task will be in compliance with the MPO adopted Public Participation Plan, to ensure that public involvement is included in the end products.

1. The MPO will continue to work closely with the Southeast Tennessee Human Resources Agency (SETHRA) to develop a transit network that meets the needs of the public within the MPO boundary. Work will consist of, but is not limited to the following; studies needed to provide better routing of buses, changes of bus routes to meet the needs of the ridership, location of future transfer facilities and stops, the need for any additional routes, public notification of proposed transit changes.
2. The MPO will continue to collaborate and assist the Cleveland Urban Area Transit System and SETHRA in the development of a plan for improving bus stops with features such as shelters, benches, and improved signage.
3. The MPO staff will assist with any additional updating of the Human Service Coordination Plan required by MAP-21 or subsequent legislation (the last update was done in 2012 and a new region-wide update is underway in 2015 under the auspices of TDOT's Multimodal Division). Activities for this task will be provided primarily by the MPO Staff or consultants, the Tennessee Department of

Transportation’s Division of Multimodal Transportation Resources, in conjunction with the Southeast Tennessee Human Resources Agency (SETHRA).

4. The MPO staff, CUATS staff and others will work cooperatively in the 2040 RTP planning process to consolidate the bicycle/pedestrian plan and the transit plan into a coordinated multimodal planning document. **Work will include coordinated planning for multi-modal facilities in and near corridors served by transit routes.**

**Products**

A continuously updated Transit Systems Plan that serves the current needs of the population within the MPO planning area boundary.

**Product Schedule**

Work tasks are a continuing collaborative effort with SETHRA and CUATS. The MPO will update or amendment the Human Services Plan as needed.

**Figure 9: Task D Product Schedule**

<b>Product</b>	<b>Schedule</b>
Updated Plan for bus stop improvements	Fall 2015
Updates to the Transit Systems Plan <b>and related bicycle and pedestrian planning</b>	On-going task
Updates to the Human Services Plan	On-going task
Consolidation of Transit and Bike/Ped plans	Spring 2016

**Work Task V --- Data Collection**

**Responsible Agencies**

The responsible agencies include the Tennessee Department of Transportation; Cleveland Urban Area Metropolitan Planning Organization; Cleveland Utilities Electric Division, and others.

**Purpose**

To maintain the current inventory of data and conduct studies appropriate to planning for transportation system design and operations within the MPO planning boundary.

## **Previous Work**

Data was gathered from a multitude of sources for the development of the 2035 Long Range Transportation Plan. Traffic volumes have been collected at 109 annual cycle count stations. Special count data was collected for design projects as required. Accident data from Tennessee Department of Safety was coded and filed. High hazard accident data was furnished for safety studies as needed. In FY 2015 this process is being updated in preparation of the 2040 RTP

## **FY2016—FY2017 Tasks**

All work to be completed on this task will be in compliance with the MPO adopted Public Participation Plan, to ensure that public involvement is included in the end products.

1. Continue to collect traffic count data at 109 annual cycle count stations or project-specific traffic counts will be conducted by the City of Cleveland and Bradley County and the MPO will request any special traffic counts as needed for planning and design projects from TDOT.
2. Maintain accident file and furnish high hazard listings and other safety data as required.
3. Travel time studies will be conducted if needed for special studies.
4. Working in conjunction with Cleveland Utilities Electric Division, the entity which maintains the traffic signal system and carries out traffic engineering functions within the city, the MPO will evaluate corridors in order to maintain traffic flow and mitigate congestion. The resulting information will inform the transportation planning process. Maintaining traffic flow and mitigating congestion will help to address climate change by helping to reduce stopping and starting and by helping to reduce idle time.
5. Work in cooperation with TDOT in the update of the Cleveland MPO ITS Architecture.
6. Work with TDOT and local agencies regarding other aspects of planning for operations including extreme weather (e.g. dense fog is a particularly serious issue for the MPO that involves a fog detection and closure system on I-75 that must be part of ITS and transportation operations). Other concerns could include maintenance of pavement and bridges and vulnerability of transportation systems to flooding (a new flood study is presently being produced), especially as these may be exacerbated by climate change. To this end, and subject to resource

availability and any necessary approvals, the MPO would participate in TDOT's "Tennessee Extreme Weather Project".

7. Implement a program to collect and analyze sidewalk inventory and condition data, sidewalk and bicycle improvement needs data from citizen input and demographic data, pedestrian and bicycle count data, and pedestrian and bicycle accident data, in order to inform the development of a better multimodal transportation system.

## **Products**

A constantly updated database of information to use in the planning process and system design of the roadway network of the MPO planning boundary will be developed. Average Daily Traffic, peak hour volume, vehicle classification, directional distribution, and other traffic data will be collected and stored for future planning and design studies. Vehicle miles of travel on functionally classified systems will also be collected. High hazard lists, collision diagrams, and other accident data will be collected from Police Services. Updated data will be sent to TDOT for the TDOT TRIMS File. The MPO conducts counts of pedestrians and bicycles on a limited basis. Accident data is collected by the police department and is available to the MPO. Work is a continuing project. Data generated in this process will lend quantitative description to existing and emerging operational issues in the transportation system, such as additional travel time delay and congestion. TDOT has proposed to utilize a contractor to update the ITS Architectures of the smaller MPOs including Cleveland; CUAMPO will be coordinating with TDOT in the update effort.

## **Product Schedule**

Work tasks are a continuing collaborative effort with TDOT, SETHRA and CUATS, the Chattanooga TPO, the Cities of Cleveland and Charleston, Bradley County, the Town of Calhoun, McMinn County, and various state and local agencies.

Figure 10: Task E Product Schedule

Product	Schedule
Traffic Counts	On-going (special counts as needed)
Accident data collection	On-going task
Travel time studies	As needed
ITS Architecture Update	TDOT Schedule
Planning for Operations	On-going task
Pedestrian and Bicycle data	On-going task

## IV. Financial Tables.... (OLD TABLES)

Figure 11: Task I Administration Activities Funding Resources—FY2016 **OLD**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$53,153	\$0
State	\$0	\$0
Local	\$13,288	\$0
<b>TDOT (SPR)</b>		
Federal	\$10,554	\$0
State	\$2,636	\$0
<b>Total</b>	<b>\$79,631</b>	<b>\$0</b>

Figure 13: Task II Long Range Transportation Planning Funding Resources—FY2016 **OLD**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$56,747	\$0
State	\$0	\$0
Local	\$14,187	\$0
<b>TDOT (SPR)</b>		
Federal	\$21,989	\$0
State	\$5,489	\$0
<b>Total</b>	<b>\$98,412</b>	<b>\$0</b>

Figure 15: Task III Transportation Improvement Program Funding Resources—FY2016 **OLD**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$38,205	\$0
State	\$0	\$0
Local	\$9,551	\$0
<b>TDOT (SPR)</b>		
Federal	\$0	\$0
State	\$0	\$0
<b>Total</b>	<b>\$47,756</b>	<b>\$0</b>

Figure 17: Task IV Transit Planning Funding Resources—FY2016 **OLD**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$10,000	\$27,141
State	\$0	\$3,393
Local	\$2,500	\$3,393
<b>TDOT (SPR)</b>		
Federal	\$0	\$0
State	\$0	\$0
<b>Total</b>	<b>\$12,500</b>	<b>\$33,927</b>

Figure 19: Task V Transportation Data—FY2016 **OLD**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$8,000	\$0
State	\$0	\$0
Local	\$2,000	\$0
<b>TDOT (SPR)</b>		
Federal	\$3,218	\$0
State	\$805	\$0
<b>Total</b>	<b>\$14,023</b>	<b>\$0</b>

Figure 21. Funding Sources by Category (FY2016) **OLD**

Category	PL 112	Reserve Funds (PL-112) <sup>1</sup>	Local Match <sup>2</sup>	FHWA SPR <sup>3</sup>	TDOT SPR Match <sup>3</sup>	Section 5303 Funds	State 5303 Match	Local 5303 Match	Totals <sup>4</sup>
I. Administration Activities	\$53,153	\$54,000	\$13,288	\$10,554	\$2,636	\$0	\$0	\$0	\$79,631
II. Long-Range Transportation Plan	\$56,747	\$57,000	\$14,187	\$21,989	\$5,489	\$0	\$0	\$0	\$98,412
III. TIP	\$38,205	\$54,433	\$9,551	\$0	\$0	\$0	\$0	\$0	\$47,756
IV. Transit Planning	\$10,000	\$1,500	\$2,500	\$0	\$0	\$27,141	\$3,393	\$3,393	\$46,427
V. Transportation Systems Operations Planning	\$8,000	\$1,500	\$2,000	\$3,218	\$805	\$0	\$0	\$0	\$14,023
<b>TOTALS</b>	\$166,105	\$168,433	\$41,526	\$35,761	\$8,930	\$27,141	\$3,393	\$3,393	\$286,249

**NOTES:**

1. Yellow highlighted areas represent the programming of Reserve PL-112 funds.
2. Match amounts not calculated for PL Reserve
3. Grey shaded areas are funds used by TDOT
4. Totals do not include PL Reserve funds

Figure 22. Agency Funding Sources by Category (FY2016) **OLD**

TASK	FHWA SPR <sup>1</sup>	TDOT SPR MATCH	TOTAL FHWA PL 112	FTA 5303	State 5303 Match	MPO/Local MATCH <sup>3</sup>	TOTALS <sup>2</sup>
I. Administration Activities	\$10,554	\$2,636	\$53,153	\$0	\$0	\$13,288	\$79,631
II. Long-Range Transportation Plan	\$21,989	\$5,489	\$56,747	\$0	\$0	\$14,187	\$98,412
III. TIP	\$0	\$0	\$38,205	\$0	\$0	\$9,551	\$47,756
IV. Transit Planning	\$0	\$0	\$10,000	\$27,141	\$3,393	\$5,893	\$46,427
V. Transportation Systems Operations Planning	\$3,218	\$805	\$8,000	\$0	\$0	\$2,000	\$14,023
<b>TOTALS <sup>2</sup></b>	<b>\$35,761</b>	<b>\$8,930</b>	<b>\$166,105</b>	<b>\$27,141</b>	<b>\$3,393</b>	<b>\$44,919</b>	<b>\$286,249</b>

**NOTES:**

1. Grey shaded areas are funds used by TDOT
2. Figures include any applicable local match for FTA funds as well

Figure 23. Total Funding by Agency (FY2016) **OLD**

AGENCY	Federal Highway Administration				Federal Transit Administration			TOTALS
	PL 112	Local Match	FHWA SPR <sup>1</sup>	TDOT SPR Match <sup>1</sup>	Section 5303 Funds	5303 State Match	5303 Local Match	
TDOT-PD/PT/WRD	\$0	\$0	\$35,761	\$8,930	\$0	\$3,393	\$0	\$48,084
MPO	\$166,105	\$41,526	\$0	\$0	\$27,141	\$0	\$3,393	\$238,165
<b>TOTALS</b>	<b>\$166,105</b>	<b>\$41,526</b>	<b>\$35,761</b>	<b>\$8,930</b>	<b>\$27,141</b>	<b>\$3,393</b>	<b>\$3,393</b>	<b>\$286,249</b>

**NOTES:**

1. Grey shaded areas are funds used by TDOT

## IV. Financial Tables.... (NEW TABLES)

Figure 11: Task I Administration Activities Funding Resources—FY2016 **NEW**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$125,867	\$0
State	\$0	\$0
Local	\$31,467	\$0
<b>TDOT (SPR)</b>		
Federal	\$10,554	\$0
State	\$2,636	\$0
<b>Total</b>	<b>\$170,524</b>	<b>\$0</b>

Figure 13: Task II Long Range Transportation Planning Funding Resources—FY2016 **NEW**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$134,006	\$16,740
State	\$0	\$2,092
Local	\$33,502	\$2,093
<b>TDOT (SPR)</b>		
Federal	\$21,989	\$0
State	\$5,489	\$0
<b>Total</b>	<b>\$194,986</b>	<b>\$20,925</b>

Figure 15: Task III Transportation Improvement Program Funding Resources—FY2016 **NEW**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$90,469	\$0
State	\$0	\$0
Local	\$22,617	\$0
<b>TDOT (SPR)</b>		
Federal	\$0	\$0
State	\$0	\$0
<b>Total</b>	<b>\$113,086</b>	<b>\$0</b>

Figure 17: Task IV Transit Planning Funding Resources—FY2016 **NEW**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$23,634	\$25,110
State	\$0	\$3,138
Local	\$5,909	\$3,139
<b>TDOT (SPR)</b>		
Federal	\$0	\$0
State	\$0	\$0
<b>Total</b>	<b>\$29,543</b>	<b>\$31,387</b>

Figure 19: Task V **Transportation Data**—FY2016 **NEW**

MPO	FHWA PL - 112 and Local Match	FTA - 5303
Federal	\$19,361	\$0
State	\$0	\$0
Local	\$3,872	\$0
<b>TDOT (SPR)</b>		
Federal	\$3,266	\$0
State	\$817	\$0
<b>Total</b>	<b>\$27,316</b>	<b>\$0</b>

Figure 21. Funding Sources by Category (FY2016) **NEW**

Category	PL 112	Reserve Funds (PL-112) <sup>1</sup>	Local Match <sup>2</sup>	FHWA SPR <sup>3</sup>	TDOT SPR Match <sup>3</sup>	Section 5303 Funds	State 5303 Match	Local 5303 Match	Totals <sup>4</sup>
I. Administration Activities	\$125,867	\$54,000	\$31,467	\$10,554	\$2,636	\$0	\$0	\$0	\$170,524
II. Long-Range Transportation Plan	\$134,006	\$57,000	\$33,502	\$21,989	\$5,489	\$16,740	\$2,092	\$2,093	\$215,911
III. TIP	\$90,469	\$54,433	\$22,617	\$0	\$0	\$0	\$0	\$0	\$113,086
IV. Transit Planning	\$23,634	\$1,500	\$5,909	\$0	\$0	\$25,110	\$3,138	\$3,139	\$60,930
V. Transportation Data Systems Operations Planning	\$19,361	\$1,500	\$3,872	\$3,218	\$805	\$0	\$0	\$0	\$28,224
<b>TOTALS</b>	<b>\$393,337</b>	<b>\$168,433</b>	<b>\$97,367</b>	<b>\$35,761</b>	<b>\$8,930</b>	<b>\$41,850</b>	<b>\$5,230</b>	<b>\$5,232</b>	<b>\$587,707</b>

**NOTES:**

1. Yellow highlighted areas represent the programming of Reserve PL-112 funds.
2. Match amounts not calculated for PL Reserve
3. Grey shaded areas are funds used by TDOT
4. Totals do not include PL Reserve funds

Figure 22. Agency Funding Sources by Category (FY2016) **NEW**

TASK	FHWA SPR <sup>1</sup>	TDOT SPR MATCH	TOTAL FHWA PL 112	FTA 5303	State 5303 Match	MPO/Local MATCH <sup>3</sup>	TOTALS <sup>2</sup>
I. Administration Activities	\$10,554	\$2,636	\$125,867	\$0	\$0	\$31,467	\$170,524
II. Long-Range Transportation Plan	\$21,989	\$5,489	\$134,006	\$16,740	\$2,092	\$35,595	\$215,911
III. TIP	\$0	\$0	\$90,469	\$0	\$0	\$22,617	\$113,086
IV. Transit Planning	\$0	\$0	\$23,634	\$25,110	\$3,138	\$9,048	\$55,699
V. Transportation Data Systems Operations Planning	\$3,218	\$805	\$19,361	\$0	\$0	\$3,872	\$27,256
<b>TOTALS <sup>2</sup></b>	<b>\$35,761</b>	<b>\$8,930</b>	<b>\$393,337</b>	<b>\$41,850</b>	<b>\$5,230</b>	<b>\$102,599</b>	<b>\$587,707</b>

NOTES:

1. Grey shaded areas are funds used by TDOT
2. Figures include any applicable local match for FTA funds as well

Figure 23. Total Funding by Agency (FY2016) **NEW**

AGENCY	Federal Highway Administration				Federal Transit Administration			TOTALS
	PL 112	Local Match	FHWA SPR <sup>1</sup>	TDOT SPR Match <sup>1</sup>	Section 5303 Funds	5303 State Match	5303 Local Match	
TDOT-PD/PT/WRD	\$0	\$0	\$35,761	\$8,930	\$0	\$5,230	\$0	\$49,921
MPO	\$393,337	\$97,367	\$0	\$0	\$41,850	\$0	\$5,232	\$537,786
<b>TOTALS</b>	<b>\$393,337</b>	<b>\$97,367</b>	<b>\$35,761</b>	<b>\$8,930</b>	<b>\$41,850</b>	<b>\$5,230</b>	<b>\$5,232</b>	<b>\$587,707</b>

NOTES:

1. Grey shaded areas are funds used by TDOT

