



## METROPOLITAN PLANNING ORGANIZATION

### **Resolution to Amend the FY 2015 – 2018 Transportation Improvement Program of the Coastal Region Metropolitan Planning Organization (CORE MPO)**

**WHEREAS**, the Coastal Region Metropolitan Planning Organization (CORE MPO) desires to adopt amendments to the FY 2015 - 2018 Transportation Improvement Program (TIP) for the CORE MPO transportation planning area; and

**WHEREAS**, the proposed amendments include the following:

- Increasing the cost estimate and funding in FY 2015 for the construction phase of PI# 0012722, SR 21 from SR 30 to I-95; INC INTERCHANGE (Diverging Diamond Interchange);
- Reducing the cost and funding in FY 2015 for PI# 0010563, Savannah MPO Strategic Planning Study - Sector Eleven;
- Adding a new project in FY 2015 with funds split out from PI# 0010563 – CAT Special Transportation Study; and

**WHEREAS**, CORE MPO has completed a 15-day public review and comment period for the TIP amendments according to the Participation Plan; and

**WHEREAS**, CORE MPO would like to complete the TIP amendment process to incorporate the project and funding changes.

**NOW, THEREFORE, BE IT RESOLVED THAT**, the Coastal Region Metropolitan Planning Organization approves the proposed amendments to the FY 2015 - 2018 Transportation Improvement Program as shown in the summary of TIP amendment report with any corrections or any other projects based upon the motion of October 29, 2014.

Approved this day, October 29, 2014

  
\_\_\_\_\_  
Albert J. Scott, Chairman  
Coastal Region Metropolitan Planning Organization



## METROPOLITAN PLANNING ORGANIZATION

### COASTAL REGION METROPOLITAN PLANNING ORGANIZATION OCTOBER 2014 MPO MEETINGS

**Agenda Item:** Amendments to the FY 2015 - 2018 Transportation Improvement Program

**Presenter:** Wykoda Wang, MPO staff

**Summary:** The Transportation Improvement Program (TIP) is the MPO's short-range programming document and is a staged, multi-year listing of surface transportation projects proposed for federal, state and local funding within the metropolitan area. The CORE MPO's FY 2015-2018 TIP was adopted by the MPO Board on August 27, 2014. The TIP may be modified in accordance with the procedures outlined in the adopted Participation Plan by resolution of the CORE MPO Board if priorities, area goals, project schedules or funding levels change.

In September 2014 the Georgia Department of Transportation (GDOT) requested to amend the TIP to increase the cost estimates for PI# 0012722, I-95 @ SR 21 Diverging Diamond project from \$3,641,400 to \$6,698,955. According to the adopted CORE MPO's Participation Plan, it is considered an amendment if roadway project phases increase in cost over the threshold (\$2,000,000 or 20% of the amount to be authorized).

In addition, the Chatham Area Transit (CAT) requested funding for two special studies in FY 2015 - Regional Mobility Management Program, and Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response. Since CORE MPO set aside \$750,000 for special transportation studies in FY 2015 with PI# 0010563, it has been determined to split the funding request from CAT from PI# 0010563. Thus a new project is created and a new PI# is needed. GDOT assigned PI# 0013366 for this new project. According to the Participation Plan, splitting or combining projects is considered an administrative modification. However, since a new project is created, this change can be considered an amendment as well since "addition or deletion of a project" is an amendment.

TIP amendments require a 15-day public comment period and addressing all the received concerns and input. In order to process the proposed changes, the MPO advertised the TIP amendments on the Savannah Morning News on Sunday, October 12, 2014. The advertisement was also sent to the local news media and the consultation agencies, and was posted on the MPO website. The comment period started on October 15, 2014 and closed on October 29, 2014. Two public hearings have also been advertised – one on October 16 and the other on October 29, 2014.

The following outlines the proposed TIP amendments in more detail. The original and revised project pages as well as the MTP addendum are attached at the end of the summary.

### **SR 21 FROM SR 30 TO I-95; INC INTERCHANGE (Diverging Diamond Interchange)**

- *PI #:* 0012722
- *MTP Priority:* construction (CST) phase is in Cost Band One (2015-2020) of the 2040 Total Mobility Plan.
- *Project description:* The proposed quick operational improvement project would consist of reconfiguring the exiting I-95/SR 21 interchange to a diverging diamond interchange. The project would retain the existing bridge, modify lane configurations and storage lengths on all SR 21 and ramp approaches, and upgrade the signalized intersections to accommodate the interchange reconfiguration. The project would also add a left turn lane dropping at the intersection of SR 21 and SR 30.
- *Amendment:* Increasing the project cost from \$3,641,400 to \$6,698,955 in FY 2015.
- *Reason for Amendment:* According to the GDOT project manager, this is the first detailed cost estimate completed for this project, in preparation of the Concept Report. The actual construction costs went from around \$3.5 million to around \$4.9 million due to the increased pavement, which includes an additional lane from I-95 to SR 30. The costs now includes all contingencies, Construction Engineering and Inspection and expected increases in asphalt prices, which accounts for almost \$2 million, to raise the costs from around \$4.9 million to around \$6.7 million .
- *Funding/Year:*
  - CST programmed in FY 2015 with \$6,698,955 of M240 funds. The funding split is 80/20 federal/state. GDOT will provide the matching funds.
- *Requesting date:* September 2014
- *Requesting Agency:* GDOT
- *Comment Period:* 10/15/2014 – 10/29/2014

### **SAVANNAH MPO STRATEGIC PLANNING STUDY - SECTOR ELEVEN**

- *PI #:* 0010563
- *MTP Priority:* planning phase is in Cost Band One (2015-2020) of the 2040 Total Mobility Plan.
- *Project description:* Special transportation studies
- *Amendment:* Reducing the project cost from \$750,000 to \$667,780 in FY 2015.
- *Reason for Amendment:* CORE MPO has set aside some M230 funds each year to carry out special transportation studies in the Savannah Metropolitan Area. PI# 0010563 set aside \$750,000 of matched M230 funds in FY 2015 but has split the funding in two. The revised amount for PI# 0010563 is \$667,780. The split-out fund of \$82,220 will be used to fund Chatham Area Transit special studies.

- *Funding/Year:*
  - PE programmed in FY 2015 with \$667,780 of M230 funds. The funding split is 80/20 federal/local.
- *Requesting date:* September 2014
- *Requesting Agency:* CORE MPO/CAT
- *Comment Period:* 10/15/2014 – 10/29/2014

## **CHATHAM AREA TRANSIT (CAT) SPECIAL TRANSPORTATION STUDY**

- *PI #:* 0013366
- *MTP Priority:* planning phase is in Cost Band One (2015-2020) of the 2040 Total Mobility Plan.
- *Project description:* CAT special transportation studies - Regional Mobility Management Program, and Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response

### Regional Mobility Management Program

Chatham Area Transit is looking to evaluate its existing “family of services” to identify opportunities to provide and/or coordinate a Regional Commuter Services Program (CSP) that better meets the needs of the varied markets in the region including but not limited to: existing and emerging employment centers, educational institutions, economic development interests, and inter-county commuters.

Typically, Commuter Services Programs offer and/or promote the following elements:

- A. Employer outreach and site assessments
- B. Commuter Benefits tax assistance
- C. Computerized ridematching services
- D. Guaranteed Ride Home
- E. Universal access programs
- F. Vanpool services (capital, operating assistance/subsidies)
- G. Promotional and educational materials

### Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response

The Service Tactical Optimization Process will help Chatham Area Transit service delivery monitoring and develop a process for using relevant data to assess efficiency and effectiveness that will provide a valuable means of making decisions that optimize the use of resources and pinpoint outreach activities such as operational modifications, direct marketing and neighborhood level partnerships.

CAT will implement a fully integrated suite of ITS technologies designed to bring together Automatic Vehicle Location (AVL), GFI farebox, Automatic Passenger Counter (APC), radio communications, touchscreen data terminals, passenger information systems, video surveillance, and “Next Stop” on-board signage. Once functional, these ITS improvements will provide CAT with unprecedented tools to

evaluate, analyze and monitor service over time, at the system level, the route level, and corridor levels.

The scope of services for this work will establish a Service Tactical Optimization Process (STOP) for CAT to more effectively deploy existing resources and prioritize service investments.

- *Amendment:* Adding a new project in FY 2015 – CAT Special Transportation Study with funding split from PI# 0010563.
- *Reason for Amendment:* CORE MPO has set aside some M230 funds each year to carry out special transportation studies in the Savannah Metropolitan Area. PI# 0010563 set aside \$750,000 of matched M230 funds in FY 2015 but has split the funding in two. The revised amount for PI# 0010563 is \$667,780. The split-out fund of \$82,220 will be used to fund Chatham Area Transit special studies.
- *Funding/Year:*
  - PE programmed in FY 2015 with \$82,220 of M230 funds. The funding split is 80/20 federal/local. CAT will provide the local match.
- *Requesting date:* September 2014
- *Requesting Agency:* CORE MPO/CAT
- *Comment Period:* 10/15/2014 – 10/29/2014

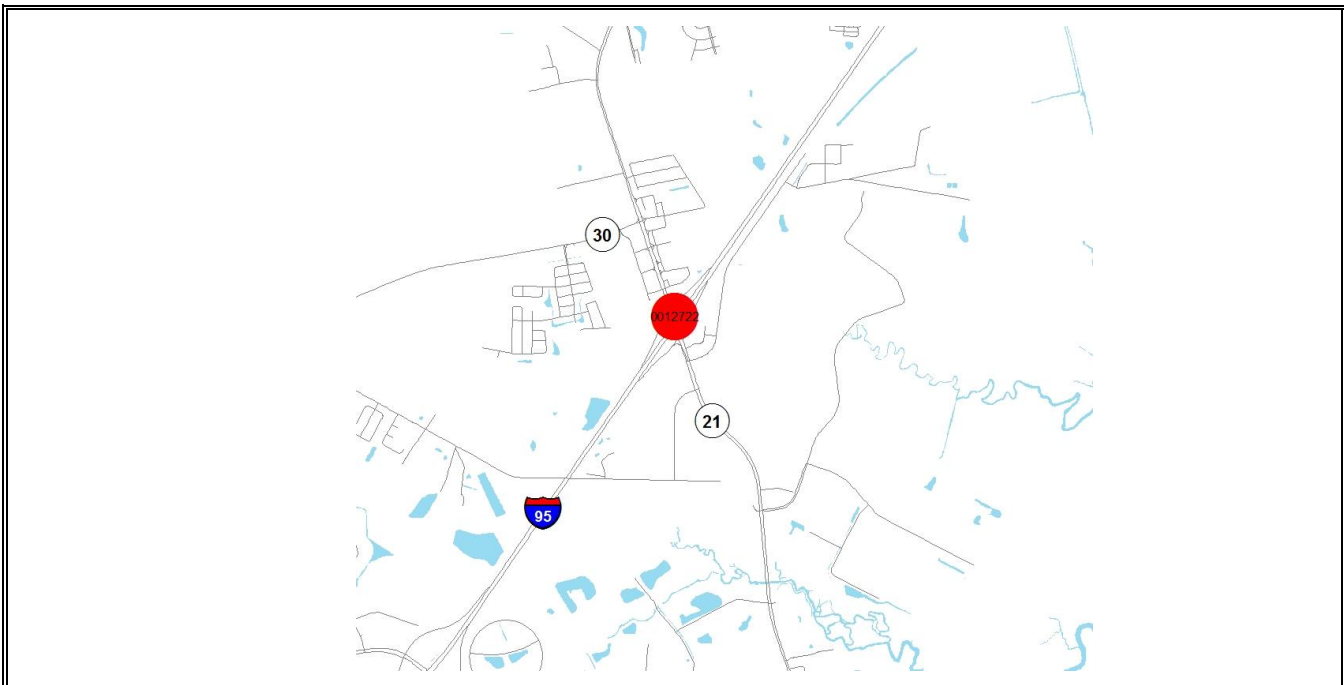
**Recommendation:** For endorsement and approval of the proposed amendments to the CORE MPO's FY 2015 - 2018 Transportation Improvement Program.

## Current Project Pages as Adopted in August 2014

### COASTAL REGION METROPOLITAN PLANNING ORGANIZATION FY 2015 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM

SR 21 FROM SR 30 TO I-95; INC INTERCHANGE						
<p>PROJECT DESCRIPTION: The proposed quick operational improvement project would consist of reconfiguring the exiting I-95/SR 21 interchange to a diverging diamond interchange. The project would retain the existing bridge, modify lane configurations and storage lengths on all SR 21 and ramp approaches, and upgrade the signalized intersections to accommodate the interchange reconfiguration. The project would also add a left turn lane dropping at the intersection of SR 21 and SR 30.</p>				P.I. #: 0012722		
				TIP #: 2015-GDOT-01		
				COUNTY: CHATHAM		
				PROJ. #:		
				FUND: M240		
TRAFFIC VOL. 2005 AADT:				2030:		
NO. OF LANES EXISTING: 4		PLANNED: 4		CONG. DISTRICT: 1		
LOCAL ROAD #:			STATE/US ROAI		CRC: CG	
					LENGTH (MI): 0.99	
<p>COMMENTS/REMARKS: This is a newly added project by GDOT. Preliminary engineering funds have been authorized. CST is programmed in FY 2015 with M240 funds.</p>						
PROJECT PHASE	\$ SOURCE	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
PRELIM. ENGR.	Authorized	\$0	\$0	\$0	\$0	\$0
RIGHT-OF-WAY	None	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	Federal/State	\$3,641,400	\$0	\$0	\$0	\$3,641,400
<b>PROJECT COST</b>		<b>\$3,641,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,641,400</b>
FEDERAL COST		\$2,913,120	\$0	\$0	\$0	\$2,913,120
STATE COST		\$728,280	\$0	\$0	\$0	\$728,280
LOCAL COST		\$0	\$0	\$0	\$0	\$0

#### PROJECT LOCATION



**COASTAL REGION METROPOLITAN PLANNING ORGANIZATION  
FY 2015 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM**

<b>SAVANNAH MPO STRATEGIC PLANNING STUDY - SECTOR ELEVEN TO SECTOR FOURTEEN</b>				P.I. #: 0010563, 0011742, TBA, TBA		
PROJECT DESCRIPTION: Special Transportation Studies				TIP #: 2012-CORE-04, 2013-CORE-01, 2014-CORE-01, 2015-CORE-01		
				COUNTY: CHATHAM		
				PROJ. #:		
				FUND: M230		
				GDOT DISTRICT: 5		
				CONG. DISTRICT: 1		
TRAFFIC VOL. 2005 AADT: N/A		2030: N/A		RC: CG		
NO. OF LANES EXISTING: N/A		PLANNED: N/A		LENGTH (MI):		
LOCAL ROAD #:		STATE/US ROAD #:				
COMMENTS/REMARKS: CORE MPO has set aside some M230 funds each year to carry out special transportation studies in the Savannah Metropolitan Area. PI# 0010563 sets aside \$750,000 of matched M230 funds in FY 2015. PI# 0011742 sets aside \$500,000 of matched M230 funds in FY 2016. Another \$500,000 is set aside for FY 2017 and FY 2018 respectively with PI# to be assigned by GDOT. These set-aside amounts are for the MPO's future planning activities. Specific planning tasks are identified as the needs arise. Previous Sector Study planning set-aside funds have been used to conduct various studies – the Southwest Sector Study, the I-16 Exit Removal Study, the development of the 2040 MTP, the President Street Development Study, the Congestion Management Process (CMP) update, the Traffic Impact Analysis (TIA) Study, the Freight Transportation Plan development, etc.						
<b>PROJECT PHASE</b>	<b>\$ SOURCE</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>TOTAL</b>
PI#		0010563	0011742	TBA	TBA	
TIP#		2012-CORE-04	2013-CORE-01	2014-CORE-01	2015-CORE-01	
PRELIM. ENGR.	Federal/Local	\$750,000	\$500,000	\$500,000	\$500,000	\$2,250,000
RIGHT-OF-WAY	None	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	None	\$0	\$0	\$0	\$0	\$0
<b>PROJECT COST</b>		<b>\$750,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,250,000</b>
FEDERAL COST		\$600,000	\$400,000	\$400,000	\$400,000	\$1,800,000
STATE COST		\$0	\$0	\$0	\$0	\$0
LOCAL COST		\$150,000	\$100,000	\$100,000	\$100,000	\$2,250,000

**PROJECT LOCATION**

**CORE MPO STRATEGIC PLANNING STUDY**

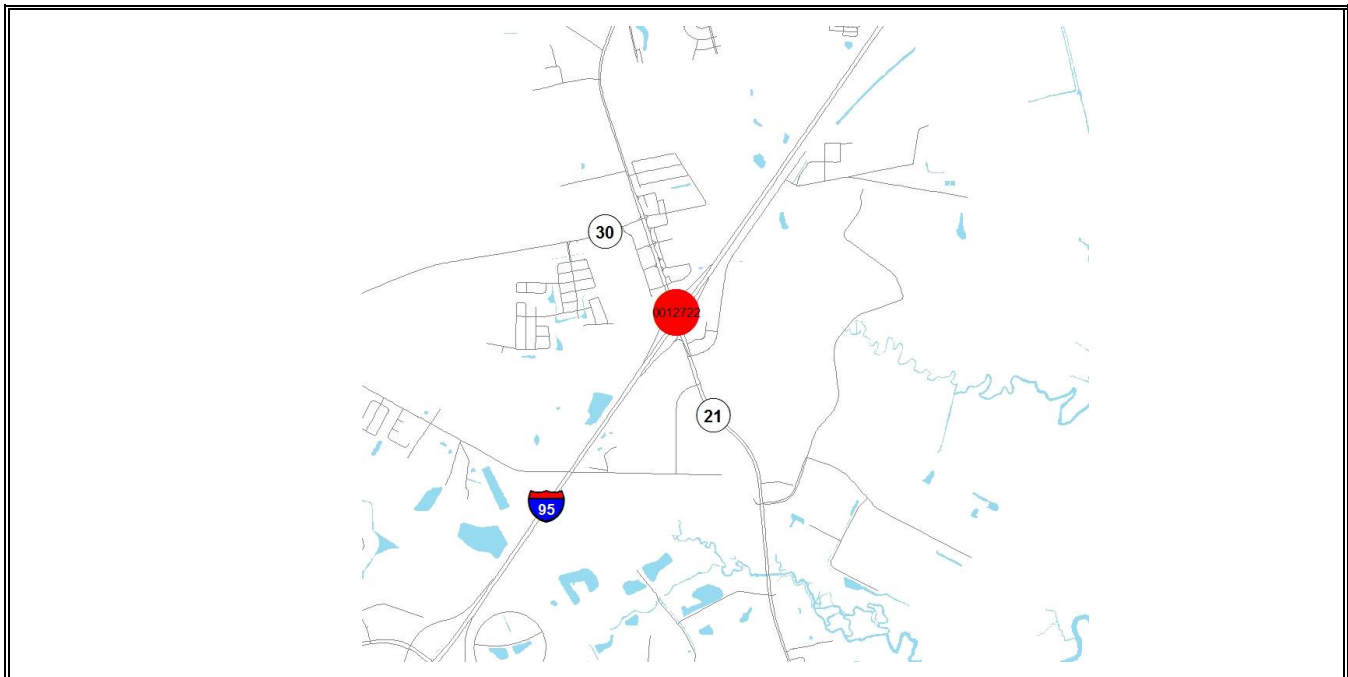
**SECTOR ELEVEN (PI# 0010563)  
SECTOR TWELVE (PI# 0011742)  
SECTOR THIRTEEN (PI# TBA)  
SECTOR FOURTEEN (PI# TBA)**

## Revised Project Pages

### COASTAL REGION METROPOLITAN PLANNING ORGANIZATION FY 2015 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM

<b>SR 21 FROM SR 30 TO I-95; INC INTERCHANGE</b>				P.I. #: 0012722		
<p>PROJECT DESCRIPTION: The proposed quick operational improvement project would consist of reconfiguring the exiting I-95/SR 21 interchange to a diverging diamond interchange. The project would retain the existing bridge, modify lane configurations and storage lengths on all SR 21 and ramp approaches, and upgrade the signalized intersections to accommodate the interchange reconfiguration. The project would also add a left turn lane dropping at the intersection of SR 21 and SR 30.</p>				TIP #: 2015-GDOT-01		
				COUNTY: CHATHAM		
				PROJ. #:		
				FUND: M240		
				GDOT DISTRICT: 5		
TRAFFIC VOL. 2005 AADT:		2030:		CONG. DISTRICT: 1		
NO. OF LANES EXISTING:	4	PLANNED:	4	CRC: CG		
LOCAL ROAD #:	STATE/US ROAD			LENGTH (MI): 0.99		
COMMENTS/REMARKS: This is a newly added project by GDOT. Preliminary engineering funds have been authorized. CST is programmed in FY 2015 with M240 funds.						
PROJECT PHASE	\$ SOURCE	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
PRELIM. ENGR.	Authorized	\$0	\$0	\$0	\$0	\$0
RIGHT-OF-WAY	None	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	Federal/State	\$6,698,955	\$0	\$0	\$0	\$6,698,955
<b>PROJECT COST</b>		<b>\$6,698,955</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,698,955</b>
FEDERAL COST		\$5,359,164	\$0	\$0	\$0	\$5,359,164
STATE COST		\$1,339,791	\$0	\$0	\$0	\$1,339,791
LOCAL COST		\$0	\$0	\$0	\$0	\$0

#### PROJECT LOCATION





**COASTAL REGION METROPOLITAN PLANNING ORGANIZATION  
FY 2015 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM**

<b>SAVANNAH MPO STRATEGIC PLANNING STUDY - SECTOR ELEVEN TO SECTOR FOURTEEN</b>				P.I. #: 0010563, 0011742, TBA, TBA		
PROJECT DESCRIPTION: Special Transportation Studies				TIP #: 2012-CORE-04, 2013-CORE-01, 2014-CORE-01, 2015-CORE-01		
				COUNTY: CHATHAM		
				PROJ. #:		
				FUND: M230		
				GDOT DISTRICT: 5		
				CONG. DISTRICT: 1		
TRAFFIC VOL. 2005 AADT:	N/A	2030:	N/A	RC: CG		
NO. OF LANES EXISTING:	N/A	PLANNED:	N/A	LENGTH (MI):		
LOCAL ROAD #:	STATE/US ROAD #:					
COMMENTS/REMARKS: CORE MPO has set aside some M230 funds each year to carry out special transportation studies in the Savannah Metropolitan Area. PI# 0010563 originally set aside \$750,000 of matched M230 funds in FY 2015 but has split the funding in two. The revised amount for PI# 0010563 is \$667,780. A new PI# will be assigned for the split-out transit project. PI# 0011742 sets aside \$500,000 of matched M230 funds in FY 2016. Another \$500,000 is set aside for FY 2017 and FY 2018 respectively with PI# to be assigned by GDOT. These set-aside amounts are for the MPO's future planning activities. Specific planning tasks are identified as the needs arise. Previous Sector Study planning set-aside funds have been used to conduct various studies – the Southwest Sector Study, the I-16 Exit Removal Study, the development of the 2040 MTP, the President Street Development Study, the Congestion Management Process (CMP) update, the Traffic Impact Analysis (TIA) Study, the Freight Transportation Plan development, etc.						
<b>PROJECT PHASE</b>	<b>\$ SOURCE</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>TOTAL</b>
PI#		0010563	0011742	TBA	TBA	
TIP#		2012-CORE-04	2013-CORE-01	2014-CORE-01	2015-CORE-01	
PRELIM. ENGR.	Federal/Local	\$667,780	\$500,000	\$500,000	\$500,000	\$2,167,780
RIGHT-OF-WAY	None	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	None	\$0	\$0	\$0	\$0	\$0
<b>PROJECT COST</b>		<b>\$667,780</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,167,780</b>
FEDERAL COST		\$534,224	\$400,000	\$400,000	\$400,000	\$1,734,224
STATE COST		\$0	\$0	\$0	\$0	\$0
LOCAL COST		\$133,556	\$100,000	\$100,000	\$100,000	\$433,556

**PROJECT LOCATION**

<p><b>CORE MPO STRATEGIC PLANNING STUDY</b></p> <p><b>SECTOR ELEVEN (PI# 0010563)</b>  <b>SECTOR TWELVE (PI# 0011742)</b>  <b>SECTOR THIRTEEN (PI# TBA)</b>  <b>SECTOR FOURTEEN (PI# TBA)</b></p>
---

**COASTAL REGION METROPOLITAN PLANNING ORGANIZATION  
FY 2015 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM**

<b>CAT SPECIAL TRANSPORTATION STUDY</b>				P.I. #: 0013366		
PROJECT DESCRIPTION: CAT Special Transportation Studies – regional mobility management program, and service tactical optimization process route level profile analysis, monitoring and response.				TIP #: 2015-CAT-1		
				COUNTY: CHATHAM		
				PROJ. #:		
				FUND: M230		
				GDOT DISTRICT: 5		
TRAFFIC VOL. 2005 AADT:	N/A	2030:	N/A	CONG. DISTRICT: 1		
NO. OF LANES EXISTING:	N/A	PLANNED:	N/A	RC: CG		
LOCAL ROAD #:	STATE/US ROAD #:			LENGTH (MI):		
COMMENTS/REMARKS: CORE MPO has set aside some M230 funds each year to carry out special transportation studies in the Savannah Metropolitan Area. \$750,000 of matched M230 funds was set up in FY 2015, but \$82,220 is split from this set aside to support the special studies of the Chatham Area Transit – regional mobility management program (\$32,220) and service tactical optimization process route level profile analysis, monitoring and response (\$50,000).						
<b>PROJECT PHASE</b>	<b>\$ SOURCE</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>TOTAL</b>
PRELIM. ENGR.	Federal/Local	\$82,220	\$0	\$0	\$0	\$82,220
RIGHT-OF-WAY	None	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	None	\$0	\$0	\$0	\$0	\$0
<b>PROJECT COST</b>		<b>\$82,220</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,220</b>
FEDERAL COST		\$65,776	\$0	\$0	\$0	\$65,776
STATE COST		\$0	\$0	\$0	\$0	\$0
LOCAL COST		\$16,444	\$0	\$0	\$0	\$16,444

**PROJECT LOCATION**

**CAT SPECIAL TRANSPORTATION STUDY**

**Regional Mobility Management Program**

**Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response**

Addendum to 2040 MTP								
October 2014								
PI#	Project Name	Phase	Current MTP Cost Band	Current Cost	Revised Project Name	Phase	New MTP Cost Band	New Cost
0012722	SR 21 FROM SR 30 TO I-95; INC INTERCHANGE	CST	One (2015-2020)	\$3,641,400	NA	CST	One (2015-2020)	\$6,698,955
Varies	Savannah MPO Strategic Planning Studies (Sector Eleven to Sector Fourteen)	PE	One (2015-2020)	\$3,250,000	Savannah MPO Strategic Planning Studies (Sector Eleven to Sector Fourteen) and CAT Special Transportation Study	PE	One (2015-2020)	\$3,250,000