



September 18, 2018

AGENDA ITEM 7 A

**FISCAL YEAR (FY) 2020 – FY 2024**

**TRANSPORTATION SYSTEMS MANAGEMENT (TSM)**

**PRIORITY PROJECT LIST**

**REVISED**

TYPE OF ITEM: Action

**STATEMENT OF ISSUE**

This item seeks approval of the revised Fiscal Year 2020 – FY 2024 Transportation Systems Management Priority Project List (PPL) to add an annual allocation of \$500,000 for the operations and maintenance of the Tallahassee Regional Transportation Management Center (RTMC), the region’s transportation management center, provided as **Attachment 1**.

**RECOMMENDED ACTION**

Option 1: Adopt the revised FY 2020 – FY 2024 Transportation Systems Management Priority Project List.

**BACKGROUND**

The FY 2020 – FY 2024 Transportation Systems Management Priority Project List was adopted at the June 18, 2018 CRTPA meeting. This list identifies improvements to the existing transportation system that can be constructed in less than two years. A copy of the agenda item associated with the June adoption is included as **Attachment 2**.

Subsequent to June adoption, the CRTPA has been made aware of the potential availability of funding to assist with the operations and maintenance of regional traffic management centers. As a result, the adopted TSM PPL is proposed to be revised to add the annual funding of \$500,000 for operations and maintenance of the Tallahassee Regional Transportation Management Center, the region’s transportation management center that serves as the control center for the Tallahassee Advanced Traffic Management System (TATMS).

The newly added project is proposed to be ranked number one on the list with the previous projects maintaining their order respective order after this newly added project.

**RECOMMENDED ACTION**

Option 1: Adopt the revised FY 2020 – FY 2024 Transportation Systems Management Priority Project List.  
(Recommended)

Option 2: CRTPA Board Discretion.

**ATTACHMENT**

Attachment 1: Revised FY 2020 – FY 2024 Transportation Systems Management PPL  
Attachment 2: June 18 CRTPA TSM PPL Agenda Item

Capital Region Transportation Planning Agency  
**Transportation Systems Management (TSM) Priority Project List**  
 Fiscal Year 2020 - Fiscal Year 2024

**ATTACHMENT 1**

Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
1	N/A	<b>\$500,000 Annual Operations &amp; Maintenance funding to the Tallahassee Regional Transportation Management Center (RTMC)</b>						
	PROJECT INFORMATION: Provide annual operations and maintenance funding in support of regional ITS (Intelligent Transportation Systems) activities to the the region's traffic management center.							
Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
2	1	<b>Thomasville Road (Midtown) (SR 63)</b>	Monroe St to Seventh Ave	Install pedestrian refuge islands and a rectangular rapid flash beacon (RRFB) near Beard Street	March 2016	\$170,000	5 bicyclist and 3 pedestrian crashes in the 6-year analysis period (2009-2014)	Heavy Pedestrian Traffic Bus Service
	PROJECT INFORMATION: Safety Study identifies proposed improvements to address pedestrian and bicycle safety along the Midtown corridor of Thomasville Rd (Monroe Street to 7th Avenue). Study was conducted based upon a request by the CRTPA. Thomasville/Seventh/Meridian Intersection Level of Service (LOS): AM LOS C; PM LOS D.							
Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
3	2	<b>Monroe Street (SR 61/US 27)</b>	3rd Avenue to Seventh Avenue	Upgrade signals and ITS hardware; add ADA features to sidewalks; examine corridor lighting	10/01/17	\$1.5M	N/A	Heavy Pedestrian Traffic Bus Service
	PROJECT INFORMATION: This project was added by the FDOT in collaboration with the CRTPA and its transportation partners. The project seeks to upgrade existing pedestrian features, ADA improvements, and the span wire signals at four intersections on SR 63 (Monroe Street).							
Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
4	3	<b>Monroe Street (US 27)</b>	Brevard Street	Construct SBRT* <small>(*South Bound Right Turn lane)</small>	June 2015	Estimated cost: \$950,440 (includes \$822,800 in r-o-w)	52 collisions in 5 -year analysis period (2010-2014); majority 'rear-end' crashes of which 13 occurred in southbound approach lanes.	Moderate Pedestrian Traffic Bus service Signalized intersection
	PROJECT INFORMATION: Signalized Intersection Study identifies that a southbound right turn lane is warranted at this location, and would include a sufficient radius to accommodate the heavy vehicles that are currently driving over the curb. Monroe Intersection Level of Service (LOS): AM LOS A&B; PM LOS C. Brevard eastbound left: AM/PM LOS D. Project studied based upon request by City of Tallahassee.							
Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
5	4	<b>Woodville Hwy/ Natural Bridge Rd (Intersection)</b>		Roundabout (Leon County)		\$828,900 (source: RMP)	Study not performed	school/sidewalk located on northwest No Bus Service Non signalized intersection
	PROJECT INFORMATION: This project was identified in the CRTPA's Regional Mobility Plan and proposes the construction of a roundabout at this intersection. The potential project was previously included on the RMP Roadway PPL.							
Recommended Rank	Previous Rank	Major Street	Minor Street	Proposed Improvements	Study Date	Cost Estimate	Safety Information (from Traffic Study):	Mobility Information
6	5	<b>Old Lloyd Rd/ Gamble Rd (Intersection)</b>		Roundabout (Jefferson County)		\$216,128 (source: RMP)	Study not performed	Minimal Pedestrian Traffic No bus service Non signalized intersection
	PROJECT INFORMATION: This project was identified in the CRTPA's Regional Mobility Plan and proposes the construction of a roundabout at this intersection. The potential project was previously included on the RMP Roadway PPL.							

June 18, 2018



## AGENDA ITEM 4 B 2

**FISCAL YEAR 2020 – FY 2024  
TRANSPORTATION SYSTEMS MANAGEMENT  
PRIORITY PROJECT LIST  
ADOPTION**

TYPE OF ITEM: Consent

**STATEMENT OF ISSUE**

At the May 15 CRTPA meeting, a discussion of the agency's scheduled June adoption of the Fiscal Year 2020 – FY 2024 Priority Project Lists (PPLs) occurred. This item seeks approval of the CRTPA Fiscal Year 2020 – FY 2024 CRTPA Transportation Systems Management (TSM) Priority Project List (PPL).

**CRTPA COMMITTEE ACTIONS**

On June 5, the CRTPA's two (2) committees (Citizen's Multimodal Advisory Committee (CMAC) and Technical Advisory Committee (TAC)) recommended CRTPA approval of the TSM PPL.

**RECOMMENDED ACTION**

Option 1: Adopt the FY 2020 – FY 2024 CRTPA TSM Priority Project List.

**BACKGROUND**

The Transportation Systems Management (Priority Project List identifies improvements to the existing transportation system that can be constructed in less than two years.

### The Latest

The Draft CRTPA Fiscal Year 2020 – FY 2024 TSM PPL proposes maintaining the ranked order of the three (3) projects currently adopted (FY 2019 – FY 2023) TSM PPL. In addition, two new projects (discussed below) were placed on the list that were previously included on the agency's RMP Roadway PPL. As a result, the draft TSM PPL contains the following five (5) projects (presented in proposed ranked order from 1 to 5):

- **Thomasville Road (Midtown) Pedestrian Safety (Monroe Street to Seventh Avenue)**  
This project proposes increasing pedestrian safety along the Midtown portion of Thomasville Road through the construction of pedestrian islands and the installation of rectangular rapid flashing beacon (RRFB) near Beard Street. The project originally included the reconfiguration of the Thomasville Rd/Monroe intersection to add crosswalks. However, that portion of the project is to be incorporated in upcoming resurfacing of Monroe Street scheduled to occur in FY 2018. The project has also identified the addition of enhanced lighting; however, due to ongoing proposals in the Midtown area, the lighting portion is not being pursued at this time. This project was ranked #1 last year and is proposed to be ranked #1 on this year's TSM PPL. The project was requested by the CRTPA.
- **Monroe Street (Third Avenue to Seventh Avenue)**  
This project on the TSM PPL and proposes the following corridor improvements: (1) upgrade signals & ITS hardware, (2) add ADA features for sidewalks and (3) examine corridor lighting. The project is proposed to be ranked #2, consistent with last year's ranking. The project was identified through coordination efforts between the FDOT, CRTPA and its transportation partners.
- **Monroe Street (US 27/SR 63) @ Brevard Street**  
The project proposes the construction of a southbound right turn lane on Brevard Street. The project was originally requested for FDOT study by the City of Tallahassee. This project was ranked #3 on last year's list and is proposed to be ranked #3 on this year's list.
- **PROJECT ADDITION: Woodville Highway/Natural Bridge Road Intersection**  
This new project to the TSM PPL proposes the construction of roundabout at this intersection. The project was identified in the CRTPA's Regional Mobility Plan and was previously included on the agency's Roadway PPL.
- **PROJECT ADDITION: Old Lloyd Road/Gamble Road Intersection**  
This new project to the TSM PPL proposes the construction of roundabout at this intersection. The project was identified in the CRTPA's Regional Mobility Plan and was previously included on the agency's Roadway PPL.

### **CRTPA TSM Process**

Development of the CRTPA TSM PPL begins with the receipt of the FDOT District 3 TSM Candidate List. This list provides those TSM projects within the CRTPA region that have identified by the FDOT as eligible for TSM funding. Associated with the FDOT Candidate List is a TSM project process developed by the FDOT.

The Draft FY 2020 – FY 2024 TSM PPL was developed in coordination with the FDOT District 3 T. Guidance related to the prioritization of projects on the TSM PPL was most recently formalized in 2013 by the TSM Subcommittee, discussed below.

### TSM Subcommittee

The CRTPA TSM Subcommittee was formed in May 2013 to review the agency's TSM prioritization process and develop recommendations for ranking the TSM PPL. The subcommittee was comprised of members from the CRTPA's two committees (Technical Advisory Committee and Citizens Multimodal Advisory Committee) and developed (and approved) the following criteria for use in evaluating projects on the CRTPA's TSM PPL:

**Safety/Crash Data** - Ensure that the latest information is available

**Mobility Impact** – Examine impact of proposed improvement to overall mobility

**Existing Priority** – Generally seek to maintain project ranking consistency

**Level of Service information** – Information from traffic study

**Project Consistency with local government plans and initiatives** – Seek to document project confirmation with local staff such as public works director/planning)

Where available, the above information has been provided alongside each of the projects on the Draft TSM PPL.

### PUBLIC INVOLVEMENT

Public meetings to present the CRTPA's Draft FY 2020 – FY 2024 PPLs (held in conjunction with the scheduled adoption of the Transportation Improvement Program(TIP) at this meeting) were held throughout the CRTPA region on May 23 & 24.

### NEXT STEPS

Subsequent to Board adoption, the priority project lists will be provided to the FDOT for consideration in the development of the Draft FY 2020 – FY 2024 Annual State Work Program, scheduled to be presented to the CRTPA in the fall of 2018.

After the release of the Draft State Work Program, CRTPA staff will initiate development of the CRTPA FY 2020 – FY 2024 Transportation Improvement Program (TIP) incorporating those transportation projects in the CRTPA region that have received state and federal funding.

**ATTACHMENT**

Attachment 1: DRAFT FY 2020 – FY 2024 TSM Priority Project List

ATTACHMENT 2

Capital Region Transportation Planning Agency  
**DRAFT Transportation Systems Management (TSM) Priority Project List**  
 Fiscal Year 2020 - Fiscal Year 2024

**ATTACHMENT 1**

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	<p><b>PROJECT INFORMATION:</b> Safety Study identifies proposed improvements to address pedestrian and bicycle safety along the Midtown corridor of Thomasville Rd (Monroe Street to 7th Avenue). Study was conducted based upon a request by the CRTPA. Thomasville/Seventh/Meridian Intersection Level of Service (LOS): AM LOS C; PM LOS D.</p>							
2	2	Monroe Street (SR 61/US 27)	3rd Avenue to Seventh Avenue	Upgrade signals and ITS hardware; add ADA features to sidewalks; examine corridor lighting	10/01/17	\$1.5M	N/A	Heavy Pedestrian Traffic Bus Service
	<p><b>PROJECT INFORMATION:</b> This project was added by the FDOT in collaboration with the CRTPA and its transportation partners. The project seeks to upgrade existing pedestrian features, ADA improvements, and the span wire signals at four intersections on SR 63 (Monroe Street).</p>							
3	3	Monroe Street (SR 61/US 27)	Brevard Street	Construct SBRT* (*South Bound Right Turn lane)	June 2015	Estimated cost: \$950,440 (includes \$822,800 in r-o-w)	52 collisions in 5-year analysis period (2010-2014); majority 'rear-end' crashes of which 13 occurred in southbound approach lanes.	Moderate Pedestrian Traffic Bus service Signalized intersection
	<p><b>PROJECT INFORMATION:</b> Signalized Intersection Study identifies that a southbound right turn lane is warranted at this location, and would include a sufficient radius to accommodate the heavy vehicles that are currently driving over the curb. Monroe Intersection Level of Service (LOS): AM LOS A&amp;B; PM LOS C. Brevard eastbound left: AM LOS D. Project studied based upon request by City of Tallahassee.</p>							
4	N/A	Woodville Hwy/ Natural Bridge Rd (Intersection)		Roundabout (Lee County)		\$828,900 (source: RMP)	Study not performed	Minimal Pedestrian Traffic; however, school/sidewalk located on northwest quadrant of intersection. No Bus Service Non signalized intersection
	<p><b>PROJECT INFORMATION:</b> This project was identified in the CRTPA Regional Mobility Plan and proposes the construction of a roundabout at this intersection. The potential project was previously included on the RMP Roadway PPL.</p>							
5	N/A	Old Lloyd Rd/ Gamble Rd (Intersection)		Roundabout (Jefferson County)		\$216,128 (source: RMP)	Study not performed	Minimal Pedestrian Traffic No bus service Non signalized intersection
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