

June 17, 2019



AGENDA ITEM 7 A 2

**DRAFT FISCAL YEAR 2021 – FY 2025
TRANSPORTATION SYSTEMS MANAGEMENT (TSM)
PRIORITY PROJECT LIST
DISCUSSION**

TYPE OF ITEM: Discussion

STATEMENT OF ISSUE

This item seeks approval of the CRTPA Fiscal Year 2021 – FY 2025 Transportation Systems Management Priority Project List (PPL).

CRTPA COMMITTEE ACTIONS

The CRTPA's two (2) committees (Citizen's Multimodal Advisory Committee (CMAC) and Technical Advisory Committee (TAC)) met on June 4, 2019 and recommended adoption of the CRTPA Fiscal Year 2021 – FY 2025 Transportation Systems Management PPL.

RECOMMENDED ACTION

Option 1: Adopt the FY 2021 – FY 2025 Transportation Systems Management PPL.

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 2021 – FY 2025 TSM PPL proposes a number of changes from the existing adopted (FY 2020 – FY 2024) TSM PPL. Specifically, the following three (3) new projects were added to the list:

- NEW PROJECT: Orange Avenue at Nims Middle School & Liberty Park Neighborhood
These **pedestrian safety** projects are proposed for addition to the TSM PPL to enhance pedestrian safety at these two (2) locations. This project is proposed to be ranked #3 on the TSM PPL.
- NEW PROJECT: Pensacola Street at Appleyard Drive
This **access management** project is proposed for addition to the TSM PPL to address safety concerns identified near this location association with the recently completed CRTPA Pensacola Street Traffic and Operations Study. This project is proposed to be ranked #4 on the TSM PPL.
- NEW PROJECT: Orange Avenue at Springhill Road
This **intersection improvement** project is proposed to be added to the TSM PPL to address congestion at this intersection. This project is proposed to be ranked #5 on the TSM PPL.

In addition, one project on last year's adopted TSM list is proposed for removal:

- PROJECT REMOVED: Monroe Street (Third Avenue to Seventh Avenue)
This #3 ranked project on last year's adopted TSM PPL is proposed for removal because several of project's proposed improvements were incorporated in the recent resurfacing of Monroe Street. The project proposed the following corridor improvements: (1) upgrade signals & ITS hardware, (2) add ADA features for sidewalks and (3) examine corridor lighting.

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 2021 – FY 2025 TSM PPL was developed in coordination with the FDOT District 3 Traffic Operations Office through receipt of the projects contained on the agency's Traffic Operations Candidate List. Additionally, new projects, discussed above, were added to the TSM PPL that have not yet been studied by the FDOT.

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 FDOT 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 2021 – FY 2025 PPLs (held in conjunction with the Draft Transportation Improvement Program (TIP)) were conducted on May 22 and 23 throughout the CRTPA region.

NEXT STEPS

Subsequent to adoption, the priority project lists will be provided to the FDOT for consideration in the development of the Draft FY 2021 – FY 2025 Annual State Work Program, scheduled to be presented to the CRTPA Board in the fall of 2019.

After the release of the Draft State Work Program, CRTPA staff will initiate development of the CRTPA FY 2021 – FY 2025 Transportation Improvement Program (TIP) incorporating those transportation projects in the CRTPA region that have received state and federal funding.

OPTIONS

Option 1: Adopt the FY 2021 – FY 2025 Transportation Systems Management PPL.
(Recommended)

Option 2: Provide other direction.

ATTACHMENT

Attachment 1: DRAFT FY 2021 – FY 2025 TSM Priority Project List

Capital Region Transportation Planning Agency
DRAFT Transportation Systems Management (TSM) Priority Project List
 Fiscal Year 2021 - Fiscal Year 2025

ATTACHMENT 1

| Recommended Rank | Previous Rank | Major Street | Minor Street | Proposed Improvements | Study Date | Cost Estimate | Safety Information (from Traffic Study): | Mobility Information |
|------------------|--|--|--|---|------------|---|---|--|
| 1 | 1 | \$500,000 Annual Operations & Maintenance funding to the Tallahassee Regional Transportation Management Center (RTMC) | | | | | | |
| | 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 | 2 | Thomasville Road (Midtown) (SR 63) | 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 | N/A | Orange Avenue (SR 373) | Nims Middle School & Liberty Park Neighborhood | Add pedestrian crossing at both of these locations on Orange Avenue to facilitate pedestrian safety | N/A | | N/A | Significant vehicular congestion Heavy Pedestrian Traffic Bus Service |
| | PROJECT INFORMATION: These projects are proposed to address immediate pedestrian pedestrian safety issues through the addition of a midblock crossing and sidewalk improvements. | | | | | | | |
| Recommended Rank | Previous Rank | Major Street | Minor Street | Proposed Improvements | Study Date | Cost Estimate | Safety Information (from Traffic Study): | Mobility Information |
| 4 | N/A | Pensacola Street (SR 366) | Appleyard Drive to Progress Drive | Access Management enhancements to improve identified high crash rate. | N/A | | N/A | Moderate Pedestrian Traffic Bus Service |
| | PROJECT INFORMATION: The Pensacola Street Traffic and Operations Analysis developed by RS&H for the CRTPA in January 2019 identifies a high crash rate along this identified portion of Pensacola Street. | | | | | | | |
| Recommended Rank | Previous Rank | Major Street | Minor Street | Proposed Improvements | Study Date | Cost Estimate | Safety Information (from Traffic Study): | Mobility Information |
| 5 | N/A | Orange Avenue (SR 373) | Springhill Road | Improvements to address congestion. | N/A | | N/A | Significant vehicular congestion Heavy Pedestrian Traffic Bus Service |
| | PROJECT INFORMATION: This project has been added by the CRTPA and proposes to address short term congestion at this intersection. Longer term efforts to address congestion on the corridor are underway with a Project Development and Environment (PD&E) Study under development (from Capital Circle, SW to Monroe Street). Given the ong term timeline and cost associated with future project phases of the PD&E Study, this short term intersection project is being proposed. | | | | | | | |
| Recommended Rank | Previous Rank | Major Street | Minor Street | Proposed Improvements | Study Date | Cost Estimate | Safety Information (from Traffic Study): | Mobility Information |
| 6 | 4 | Monroe Street (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 |
| | 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 |
| 7 | 5 | Woodville Hwy/ Natural Bridge Rd (Intersection) | | Roundabout (Leon County) | | \$828,900 (source: RMP) | Study not performed | Minimal Pedestrian Traffic; NW quadrant has school/sidewalk 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. | | | | | | | |
| Recommended Rank | Previous Rank | Major Street | Minor Street | Proposed Improvements | Study Date | Cost Estimate | Safety Information (from Traffic Study): | Mobility Information |
| 8 | 6 | 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 |
| | PROJECT INFORMATION: This project was identified in the CRTPA's Regional Mobility Plan and proposes the construction of a roundabout at this intersection. | | | | | | | |