



# SARASOTA / MANATEE

## 2040 LONG RANGE TRANSPORTATION PLAN

*prepared for:* Sarasota/Manatee Metropolitan Planning Organization | December 2015

Modified June 27, 2019

The Needs Plan was developed through an iterative process, testing five alternatives with the travel demand model and the forecasted 2040 socioeconomic data. This helped to identify the extent to which projects had an impact on reducing. The LRTP Steering Committee was critical in the development of the Needs Plan and recommended roadway projects to test based on priority projects for their respective jurisdictions. The five network alternatives tested using the FDOT travel demand model included both roadway and transit projects. The different alternatives tested various groupings of MPO project priorities to assess the influence of each project on the transportation system. The detailed methodology and development is fully described in the Appendix with a table identifying the transportation needs in the Sarasota / Manatee region.

### WHAT THE PUBLIC SAID IS NEEDED

#### WE NEED....

- A bike share system
- Bus rapid transit: between Sarasota & Bradenton, Bradenton & St. Pete
- Improved connectivity of bicycle and pedestrian facilities
- Other public transit options besides buses, such as trolleys, water ferries
- Expanded multimodal trail network
- More North South roadway alternatives
- Better enforcement of traffic laws and violations by and against bicyclists and pedestrians
- More complete streets and more walkable communities
- Longer transit operating times: 18+ hours per day/7 days per week and more frequency
- Focused transit service on busiest corridors

District 1 of the Florida Department of Transportation has been working with neighboring districts and FDOT Central Office to develop a comprehensive plan for the movement of freight and goods. This work is incorporated into the freight needs map located in the Appendix.

The Needs Plan represents \$2.5 billion in transportation improvements over the next 25 years. The 49 roads projects included in the Needs Plan alone total \$2.2 billion in needed transportation investments. The over seventy bicycle and pedestrian projects included in the Needs Plan total \$172 million. The transit needs for both Sarasota County Area Transit (SCAT) and Manatee County Area Transit (MCAT) total over \$182 million and include infrastructure, operations and maintenance, and transit fleet additions.

Moving beyond this LRTP, the MPO Board plans to continue to explore multimodal options that would help to alleviate congestion on the region's constrained roadways. This is particularly on the barrier islands, which experience high congestion levels but are unable to increase capacity due to limitations in right of way available. As an example, The Florida Department of Transportation (FDOT) is working on a **Central Manatee Network Alternatives Analysis (CMNAA)** to identify short and long range mobility strategies geared towards the Transportation Alternatives (TA) program. The barrier islands will be looking into mobility options through a similar study to address the congested and constrained facilities impacting their mobility. Transportation Alternative funds would help these roads that are unable to be widened. Additionally, the transit supportive development recommendations included in the Appendix are useful to help prepare these congested and constrained roadways for land uses that support a more robust transit system.

The two figures below illustrate the roadway and transit needs. The Bicycle and Pedestrian Masterplan are included in the Appendix.

## TRANSPORTATION ALTERNATIVES PROGRAM INVESTMENTS

Multimodal improvements in both counties, which include regional trails, bicycle and pedestrian projects, will be funded through Transportation Alternatives Program (TAP) funds. Authorized under MAP-21, TAP provides funding for transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; safe routes to school projects.

These investments will cover projects not included in the US 41 MMEC. As stated in the Challenges and Opportunities section, while overall transportation funding is down, there are significantly more TAP funds forecast for the 2040 LRTP than the 2035 LRTP due to increased funding through MAP-21. The MPO will commit \$600,000 total for the region per year towards multimodal projects and priorities plus a local contribution towards project completion.

## REGIONAL ROADWAY INVESTMENTS

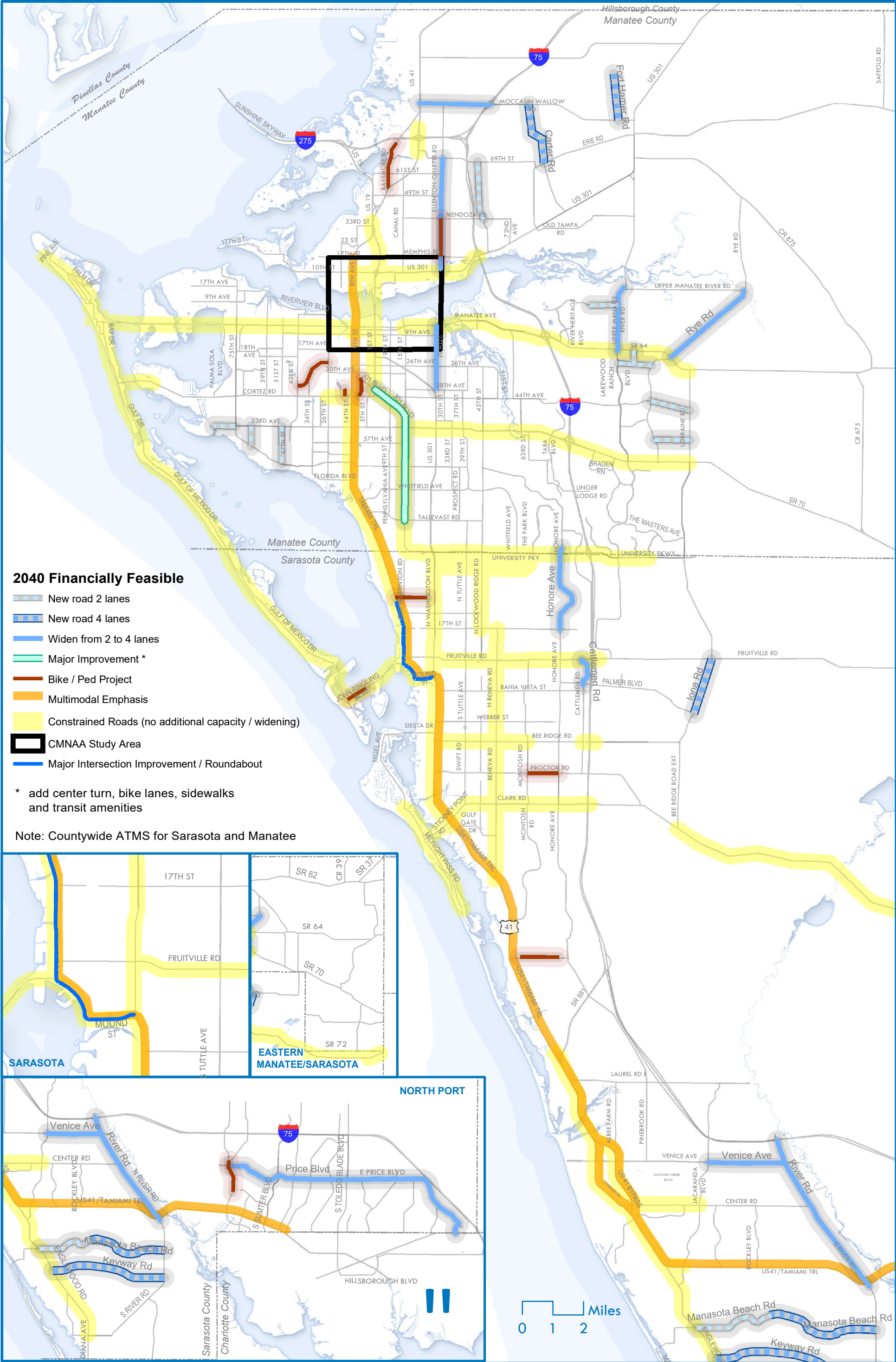
The regional roadway system includes roads that facilitate accessibility to the region's economic anchors, such as the downtowns, the port, and other key economic activity centers. As directed by the MPO Board, roadway improvements on regional roads and Advanced Traffic Management System (ATMS) will be funded with Other Arterial funds. The primary purpose of the Other Arterials program is to fund improvements on segments of the State Highway System (SHS) not designated as Strategic Intermodal System (SIS) including construction and improvement projects and right-of-way on state roadways not included in the SIS. These are the highest priority regional projects. The regional roadway projects that are financially feasible are shown in the tables below.

In addition, both Manatee and Sarasota County will receive \$20 million for regional ATMS projects to designate in accordance with the Concept of Operations Plan. This includes a fiber optic network, infrared cameras to monitor traffic conditions and traffic signal modifications to improve flow and respond more rapidly to incidents.

Table 4-1: Manatee County Other Arterial-Funded Projects

| Facility                                     | From          | To    | Project   | Year of Expenditure Cost |
|--|---------------|-------|---|--------------------------|
| <b>Manatee County ATMS</b>                   |               |       | ATMS Expansion  | \$20 million             |
| <b>15th St E/301 Blvd E</b>                  | Tallevast Rd  | US 41 | Multimodal Improvements - Add center turn lane, bike lane, multiuse trail and transit amenities | \$100 million            |
| <b>Central Manatee Alternatives Analysis</b> |               |       | Projects from Central Manatee Network Alternatives Analysis (CMNAA) project (FDOT)              | \$12 million             |
| <b>Upper Manatee River Rd</b>                | Fort Hamer Rd | SR 64 | Widen from 2 lanes to 4 lanes with multimodal improvements                                      | \$96 million             |





Sarasota / Manatee MPO - Financially Feasible Projects

Table 1 - Manatee County - Other Arterial (State / Federal Funds)

| Facility   | From          | To    | Type               | Project   | Current Cost<br>(In Millions) | Year of<br>Expenditure Cost<br>(In Millions) |
|--|---------------|-------|--------------------|---|-------------------------------|--|
| Manatee County ATMS                                  |               |       |                    |   | \$ 20.00                      | \$ 20.00                                     |
| 15th St E/301 Blvd E                                 | Tallevast Rd  | US 41 | Roadway - Widening | Multimodal Improvements - Add center turn lane, bike lane, multiuse trail and transit amenities | \$ 80.00                      | \$ 100.00                                    |
| Central Manatee<br>Alternatives Analysis             |               |       |                    | Projects from Central Manatee Network Alternatives Analysis (CMNAA) project (FDOT)              | \$ 12.00                      | \$ 12.00                                     |
| Upper Manatee River Rd                               | Fort Hamer Rd | SR 64 | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements                                      | \$ 57.61                      | \$ 95.96                                     |
| Total<br>Manatee Other Arterial<br>Balance ( + / - ) |               |       |                    |   | \$ 169.61                     | \$ 227.96<br>\$ 246.25<br>\$ 18.29           |

| Currently Funded<br>Phase (2016-2020)                          | Phase to be Funded<br>(2021 - 2025) | Phase to be Funded<br>(2026 - 2030) | Phase to be Funded<br>(2031 - 2040) | Unfunded |
|--|-------------------------------------|-------------------------------------|-------------------------------------|----------|
| ATMS<br>\$3.4 million  | ATMS Expansion<br>\$5 million       | ATMS Expansion<br>\$5 million       | ATMS Expansion<br>\$10 million      | -        |
| PE<br>\$5.3 million  | ROW<br>\$25 million                 | CST<br>\$75 million                 | -                                   | -        |
| CMNAA Study<br>\$3 million                                     | CMNAA Projects<br>\$3 million       | CMNAA Projects<br>\$3 million       | CMNAA Projects<br>\$6 million       | -        |
| -  | -                                   | PD&E<br>\$3.26 million              | PE / ROW / CST<br>\$92.7 million    | -        |
| Administrative Modification 15thStreet/301 Blvd April 27, 2016 |                                     |                                     |                                     |          |

Table 2 - Sarasota County - Other Arterial (State / Federal Funds)

| Facility  | From               | To            | Type               | Project  | Current Cost<br>(In Millions) | Year of<br>Expenditure Cost<br>(In Millions) |
|---|--------------------|---------------|--------------------|--|-------------------------------|--|
| Sarasota County ATMS                                  |                    |               |                    |  | \$ 20.00                      | \$ 20.00                                     |
| River Rd  | US 41              | West Villages | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements | \$ 37.20                      | \$ 47.19                                     |
| River Rd  | West Villages      | Center Rd     | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements | \$ 28.40                      | \$ 41.50                                     |
| River Rd  | Center Rd          | I-75          | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements | \$ 31.38                      | \$ 58.09                                     |
| Price Blvd  | Cranberry          | Sumter        | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements | \$ 33.37                      | \$ 57.46                                     |
| Honore Ave  | University Parkway | 17th St       | Roadway - Widening | Widen from 2 lanes to 4 lanes with multimodal improvements | \$ 63.07                      | \$ 29.21                                     |
| Total<br>Sarasota Other Arterial<br>Balance ( + / - ) |                    |               |                    |  | \$ 213.43                     | \$ 253.45<br>\$ 253.61<br>\$ 0.16            |

| Currently Funded<br>Phase (2016-2020) | Phase to be Funded<br>(2021 - 2025) | Phase to be Funded<br>(2026 - 2030) | Phase to be Funded<br>(2031 - 2040) | Unfunded             |
|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------|
| ATMS<br>\$3.4 million                 | ATMS Expansion<br>\$5 million       | ATMS Expansion<br>\$5 million       | ATMS Expansion<br>\$10 million      | -                    |
| PD&E / PE<br>County                   | ROW / CST<br>\$47.19 million        | -                                   | -                                   | -                    |
| PD&E / PE<br>County                   | ROW / CST<br>\$2.2 million          | CST<br>\$39.3 million               | -                                   | -                    |
| PD&E / PE<br>County                   | -                                   | ROW<br>\$3.5 million                | CST<br>\$54.59 million              | -                    |
| PD&E / PE<br>City                     | -                                   | ROW<br>\$11.88 million              | CST<br>\$45.58 million              | -                    |
| -                                     | -                                   | PD&E / PE<br>\$11.84 million        | ROW<br>\$17.37 million              | CST<br>\$120 million |