

2013

PRIORITY PROJECTS REPORT

INDIAN RIVER COUNTY

METROPOLITAN PLANNING ORGANIZATION



*This document was produced in cooperation with
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**INDIAN RIVER COUNTY
METROPOLITAN PLANNING ORGANIZATION
2013 PRIORITY PROJECTS REPORT**

INTRODUCTION

In September of each year, MPOs in Florida are required to submit priority projects lists to the Florida Department of Transportation (FDOT). The September priority projects submittal date allows FDOT time to incorporate MPO priorities in a new draft tentative Five Year Work Program, transmit the draft tentative work program to MPOs in November, present the work program to MPOs in early December, and hold public hearings in mid-December. The Five Year Work Program is then submitted to the Legislature in January, sixty days prior to the start of the legislative session.

This report contains the Indian River County MPO's 2013 priority projects lists. Those priority lists are used by FDOT as the basis for developing its annual five year work program. The projects included in this report will be considered for funding by FDOT, primarily in the fifth year (FY 2018/19) of its FY 2014/15-2018/19 Five Year Work Program.

As it did in 2012, the MPO has developed lists for priority highway, congestion management process, transportation alternatives (formerly enhancement), transit, and aviation projects. With respect to highway projects, the MPO divided the highway priorities list into three categories, roughly mirroring three major available funding sources: Strategic Intermodal System (SIS) projects; Regional Highway projects; and Other Highway projects.

PRIORITY HIGHWAY PROJECTS

This section explains the specific methodology utilized to prepare the MPO's 2013 Priority Highway Projects List. In this section, the inputs and data used to develop and rank the projects are explained, and a brief explanation of each project and its rank is also provided.

The primary input used in developing the 2013 list of priority highway projects was the MPO's adopted 2035 Long Range Transportation Plan (LRTP). Besides the 2035 LRTP, routine system monitoring and discussions with staff from other MPOs, local governments, and FDOT were also used as inputs in developing the list.

As in past years, the 2035 LRTP (Table A-10 of the Appendix) was used as the primary basis in developing the 2013 priority highway projects list. The reasons for this include:

- federal and state regulations require projects funded through FDOT to be consistent with the MPO's adopted LRTP;
- the LRTP's recommended roadway improvement projects are consistent with adopted local government comprehensive plans, including the Transportation Element of the County's adopted 2030 Comprehensive Plan;

- the improvements listed in the MPO's adopted LRTP were analyzed for need using sound transportation planning and engineering practices; and
- the MPO's LRTP was adopted after considerable involvement of citizens, technical experts, and elected officials.

In addition to using the LRTP, MPO staff reviewed the status of the projects listed in the MPO's 2012 priority highway projects list and compared those projects to FDOT's current (FY 2013/14 - 2017/18) adopted Five Year Work Program. Finally, meetings and discussions with municipal, County, and FDOT staff provided additional information utilized in preparing the 2013 list. In those meetings, local government staff familiar with localized capacity and safety problems provided additional information regarding needed projects, while FDOT staff provided input regarding potential projects based on the results and recommendations of numerous FDOT corridor studies undertaken within the County.

In order to adopt a priority list that more closely approximates the major classifications of the roadway network, the MPO has divided its highway priority list into three categories: SIS Highways, Regional Highways and Other Highways.

SIS Highways

In Indian River County, the Strategic Intermodal System consists of I-95, the Florida Turnpike, and SR 60 West of I-95 to Osceola County. Generally, projects on the SIS serve an interstate and inter-regional function and carry high volumes of traffic and goods across long distances. Through its five year work program, FDOT allocates funding specifically for Strategic Intermodal System (SIS) projects based on various factors, including local input into the SIS funding prioritization process. This year's top SIS project in Indian River County remains the Oslo Road Interchange at I-95.

Regional Highways

Regional roadways serve a function of connecting major population or activity concentrations that are separated by some distance. With the Growth Management Legislation that was signed into law in July of 2006, regional roadways became more important, because that legislation established a new grant program, known as the Transportation Regional Incentive Program (TRIP), for use on roadways determined to be regional in nature.

In order to qualify for TRIP funding, the MPO engaged in a number of actions. Those included establishing a new regional entity, the Treasure Coast Transportation Council (TCTC), with Martin and St. Lucie Counties; developing a regional roadway network map; and developing a set of interim criteria for prioritizing TRIP project candidates on a regional basis. In 2008, the interim prioritization criteria were applied to the list of regional projects identified in the Long Range Plans of the individual counties. The results of that prioritization, which were subsequently adopted by the TCTC and all three MPOs, are contained in Table A-11 of this report.

According to state regulations, a TRIP funded project phase may not begin until the TRIP funds have been allocated by FDOT. In addition, the project must be at least 50% funded with local money. Unlike every other priority list in this document, the Regional priorities list is not adopted solely by the MPO. After approval of Indian River County's regional priority candidates by the MPO, the candidate projects from all three counties will be ranked and approved by the TCTC. After approval, the TCTC regional priorities will be submitted to FDOT. According to FDOT, funds will be awarded to eligible priority projects that are construction ready. If none of the top priorities are construction ready, then funds will be allocated for the right-of-way and design phases of the top-ranked priorities.

In each of the last several years, the amount of funding allocated by the State of Florida to the TRIP program in the three-county Treasure Coast area has declined. In fact, FDOT District IV did not fund any Regional Highway priorities last year. Therefore, the MPO is once again requesting funding for last year's top Regional Highway priority, the 66th Avenue widening project.

Other Highways

Non-SIS roadways for which the MPO is seeking federal and state funding are included on the Other Highways priority list. This year's top Other Highways priority project in Indian River County remains the two laning of 82nd Avenue from CR 510 to SR 60.

For 2013, the MPO has maintained the Trans-Florida Rail Trail project on the Other Highways priority list and has requested that FDOT allocate \$700,000 in flexible Surface Transportation Funds to that project. Surface Transportation funds, which are typically used in Indian River County for Other Highways priorities, can also be applied to bicycle and pedestrian projects. In conjunction with Transportation Alternative funds, the \$700,000 requested has been identified by FDOT as the amount necessary to complete trail construction east of I-95 and construct an I-95 trail overpass. It should be noted that this amount (\$700,000) represents a relatively small percentage of the MPO's total 5-year highway fund allocation, currently \$120,000,000.

The complete list of highway priorities is included as Tables A-1 through A-3 in the Appendix. That list is consistent with the 2035 LRTP interim year project sets, as well as local comprehensive plans, MPO plans, and FDOT's work program. A summary description of each project in order of priority ranking and an explanation of its ranking is presented below.

2013 List of Priority Highway Projects – SIS

- 1. Oslo Road Interchange at Interstate 95** – The project was included in the MPO's 2035 LRTP – Cost Feasible Plan based on anticipated future travel demand in the Oslo Road corridor. Not only will the project help meet demand, but the project will also assist in generating commercial/industrial activity. Finally, this interchange will enhance hurricane evacuation capabilities in the county. Right-of-way and Construction funding is requested for this project.

2013 List of Candidate TRIP Grant Priority Highway Projects – Regional

66th Avenue from 49th Street to CR 510 - This project is the second phase of a project that involves four laning 66th Avenue from CR 510 to SR 60. This roadway serves as the primary connector between Sebastian and the SR 60 area near the Indian River Mall, one of the County's largest employers. Construction funding is requested for the unbuilt portions of the project.

2013 List of Priority Highway Projects – Other

- 1. 82nd Avenue, two laning from 26th Street to CR 510** - The MPO's 2035 LRTP includes a project to construct 82nd Avenue as a two lane facility from its current terminus near 26th Street to CR 510. Right-of-way acquisition funds have been allocated in 2013/14, and some construction funding has been allocated in 2015/16 – 2016/17. Construction funding is requested to complete the project.
- 2. Oslo Road, four laning from 58th Avenue to I-95** - This project is a continuation of two widening projects (the four-laning of Oslo Road from 27th Avenue to 43rd Avenue and the four-laning of Oslo Road from 43rd Avenue to 58th Avenue) currently being undertaken by the County. The widening of Oslo Road from 58th Avenue to I-95, in conjunction with a proposed I-95 interchange at Oslo Road, will alleviate anticipated congestion and capacity issues on Oslo Road. Design funds have been allocated in 2015/16. Right-of-way and Construction funding is requested for this project.
- 3. US 1, six laning from 53rd Street to CR 510** - The widening of US 1 from 53rd Street to CR 510 addresses a future capacity deficiency and appears in the 2035 Long Range Transportation Plan as a near term (2016 – 2020) priority. Design funds have been allocated in 2016/17. Right-of-way and Construction funding is requested for this project.

Conclusion

As structured, the MPO's 2013 List of Priority Highway Projects identifies only those projects for which state and/or federal funding is requested. As indicated in the MPO's 2035 LRTP, many of the plan's cost-feasible roadway improvements will be funded with local revenues and constructed by the County or local municipalities. Because locally funded roadway improvement projects can generally be completed in shorter timeframes than state or federally funded projects, it is often preferable not to include projects on the MPO's priority highways list when local funding is available for those projects. Therefore, the priority highway projects list includes only those roadway projects which require state or federal funds and which are not needed for several years.

PRIORITY CONGESTION MANAGEMENT PROCESS (CMP) PROJECTS

Beginning with the 1998 Priority Projects Report, MPO staff utilized the MPO's Congestion Management System (CMS) plan to identify and prioritize improvement strategies for the county's most congested corridors. In 2004, the MPO prepared a CMS Plan Major Update.

With the 2006 passage of SAFETEA-LU, the new federal highway authorization bill, the Congestion Management System was renamed the “Congestion Management Process,” or CMP.

In 2013, staff performed a CMP analysis in order to identify candidate CMP projects. Through that process, staff identified the most congested corridors in the county based on existing and vested trips. Next, staff eliminated those corridors which are programmed in the short term for widening. Finally, staff eliminated those corridors which had already been evaluated through the CMP process.

Once the initial screening process was complete, MPO staff evaluated the most congested corridors and subjected them to a second screening process to identify appropriate CMP strategies. As a result, the top CMP priority corridors for 2013 are 8th Street (between 20th Avenue and Old Dixie Highway) and 58th Avenue (between 41st Street and 49th Street). The 2013 priority CMP corridors and strategies are as follows:

| Corridor | Strategy |
|--|---|
| 8th Street between 20th Avenue and Old Dixie Highway | Construct left turn lanes on 8th Street at the intersection of 20th Avenue |
| 58th Avenue between 41st Street and 49th Street | Construct left turn lanes on 58th Avenue at the intersection of 45th Street & construct sidewalks and bike lanes on 58th Avenue between 41st Street and 49th Street |

Although there is no specific allocation of FDOT funding reserved exclusively for CMP projects, MPOs have the option to program CMP projects for funding with federal highway money. Since MPO formula highway funding has been significantly curtailed in recent years, the MPO will not request the allocation of funds that would otherwise be used for MPO highway priorities, but will instead seek alternative funding sources (such as County Incentive Grant, Intermodal, and ITS funding) for the construction of CMP projects.

PRIORITY TRANSPORTATION ALTERNATIVES (FORMERLY ENHANCEMENT) PROJECTS

The federal Transportation Alternatives (formerly Enhancement) program is a provision of the recently adopted Highway Bill known as MAP-21 that provides funding for improvements, such as bike lanes and sidewalks, that complement the transportation system. Although landscaping projects are no longer eligible for funding, most other aspects of the former Enhancement program have been retained in the Transportation Alternatives program.

Since 2007, the MPO has utilized Indian River County’s Greenways Plans to identify Transportation Alternatives/Enhancement priorities. Greenways projects in those plans were identified and ranked according to criteria that include connectivity, constructability, quality of life benefits, agency support, and cost. Those criteria are contained in Table A-12 of this report.

Through the Transportation Alternatives/Enhancement program, the MPO has funded a number of Greenways projects. For 2013, the MPO is seeking funding for the Trans-Florida Railroad Trail project. FDOT will construct the remaining portions of the trail east of I-95, as well as a pedestrian overpass at I-95, beginning in 2015. Therefore, the MPO will be soliciting new Transportation Alternatives candidate projects in the Spring of 2014 for funding in 2017.

2013 List of Priority Transportation Alternatives Projects

- 1. Trans-Florida Railroad Trail** – The Trans-Florida Railroad Trail is located north of CR 512 along the abandoned right-of-way of the Trans-Florida Central Railroad. When complete, the trail will span nearly 17 miles between the cities of Sebastian and Fellsmere. Funding is requested for construction.

PRIORITY TRANSIT PROJECTS

Because of the way that transit projects are funded, transit priorities were not included in the MPO's priority projects list until the year 2000. Prior to that time, the MPO had not considered it necessary to develop transit priority lists, because transit capital and transit operations are funded by FTA and because a separate grant application is submitted directly to FTA. In the last several years, however, the MPO has obtained funds from a variety of sources, including discretionary state grants. In order to apply for many federal and state grant programs, proposed projects must be included on an adopted MPO priority list. In addition, fixed route transit travel has gained in popularity in recent years, which has made it necessary to prioritize available resources in order to meet demand. For those reasons, FDOT encouraged the MPO to develop a transit priority list as a mechanism to implement the MPO's transit plans.

For 2013, the primary source of projects in the transit priority list was the MPO's Transit Development Plan (TDP) - Major Update. Since a major update of the TDP in 2008, the county has been implementing a number of TDP strategies, including new service, new facilities, and adjustments to existing routes. In fact, the county has implemented four of the MPO's top priorities in recent years. Two of those priorities, providing new service in the west SR 60 corridor and expanding Saturday service to seven additional routes (12 of 14 routes now operate on Saturdays), were made possible by FDOT grants. The third priority that has been implemented was providing a new route south along Indian River Boulevard. That was also a CMP priority. Finally, last year's top MPO Transit Priority, Intermodal Hub Improvements, has been fully funded through FTA's Bus Livability Grant program and is no longer on the priority list.

The MPO anticipates adopting a new TDP major update in September of 2013. Therefore, projects from the Draft TDP form the basis of the transit priority list.

Priority Transit Projects

| Ranking | Project | Unit Cost | Funding Source |
|---------|------------------------------------|--------------|----------------|
| 1 | Expand Operating Hours (7am - 7pm) | \$238,800/yr | State/Federal |

| | | |
|----------|---|--------------------|
| 1 | Acquire Stormwater Equipment | \$ 150,000 |
| 2 | Construct Main Street / Airport Drive East-West Access | \$1,425,000 |
| 3 | Construct Hangers | \$1,525,000 |
| 4 | Construct Access Road West | \$ 800,000 |

2013 **2014** **2017**

Conclusion

The five components of the Indian River County MPO’s 2013 Priority Projects Report—the priority highway projects list, the priority CMP projects list, the priority Transportation Alternatives project list, the priority transit projects list, and the priority airport projects list—were reviewed by the MPO Technical Advisory Committee (TAC), the MPO Citizens Advisory Committee (CAC), and by the MPO Board. Opportunities for public comment were available at the TAC, CAC, and MPO meetings. Before making decisions regarding the five priority projects lists, the MPO and its advisory committees considered public input.

At its meeting of September 11, 2013, the Indian River County MPO considered the 2013 Priority Projects Report. The MPO also reviewed the accompanying staff report, considered the recommendations of the TAC and CAC, and discussed various issues. The MPO then adopted the priority projects report containing the MPO’s 2013 lists of priority highway, CMP, transportation alternatives, transit, and airport projects.

**APPENDIX
Summary Tables and Reference Material**

**Table A-1
Priority Highway Projects, SIS Highways**

| Project Rank | | | | Roadway | Location | | Length (miles) | Improvement Type | Jurisdiction | FDOT FY 2012/13 – 2016/17 Five Year Work Program | | Funding Source Requested |
|--------------|------|------|------|--|----------|----|----------------|------------------|--------------|--|----------------------------------|--------------------------|
| 2012 | 2011 | 2010 | 2009 | | From | To | | | | FI/FM # | Programmed Improvements (\$000s) | |
| 1 | 1 | 1 | 1 | Oslo Road Interchange at Interstate 95 | - | - | n/a | Add interchange | Federal | 4130482 | FY 14/15 PE \$3,400 | State/Federal |

**Table A-2
Priority Highway Projects, Other Highways**

| Project Rank | | | | Roadway | Location | | Length (miles) | Improvement Type | Jurisdiction | FDOT FY 2012/13 – 2016/17 Five Year Work Program | | Funding Source Requested |
|--------------|------|------|------|------------------------------|-------------------------|-------------------------|----------------|--|--------------|--|----------------------------------|--------------------------|
| 2012 | 2011 | 2010 | 2009 | | From | To | | | | FI/FM # | Programmed Improvements (\$000s) | |
| 1 | 2 | 3 | 4 | 82 nd Ave | 26 th St | CR 510 | 7.0 | New Road two lane undivided | County | 2308791 | FY 16/17 CST \$2,683 | State/Federal |
| 2 | - | - | - | Trans-Florida Railroad Trail | North County Park | I-95 | 2 | Paved multi-purpose trail with Pedestrian Overpass at I-95 | County/City | 427661 | FY 12/13 CST \$722 | State/Federal |
| 3 | 2 | - | - | US1 | 53 rd Street | CR 510 | 4 | Widen to 6 lane divided Hwy | State | N/A | N/A | State/Federal |
| 4 | 3 | - | - | Oslo Road | I-95 | 58 th Avenue | 3.0 | Widening to four lane divided | County | N/A | N/A | State/Federal |

**Table A-3
Priority Regional Highways**

| Project Rank | | | | Project | Location | | Length (miles) | Improvement Type | Jurisdiction | FDOT FY 2012/13 – 2016/17 Five Year Work Program | | Funding Source Requested |
|--------------|------|------|------|-------------|----------|-------------------------|----------------|------------------------------|--------------|--|----------------------------------|--------------------------|
| 2012 | 2011 | 2010 | 2009 | | From | To | | | | FI/FM # | Programmed Improvements (\$000s) | |
| 1 | 1 | 2 | 1 | 66th Avenue | CR 510 | 49 th Street | 7.5 | Widen from two to four lanes | County | 4258831 | FY 11/12 CST \$2,000 | State only (TRIPS) |

**Table A-4
CMP Priority Projects**

| Corridor | Strategy |
|--|---|
| 8th Street between 20th Avenue and Old Dixie Highway | Construct left turn lanes on 8th Street at the intersection of 20th Avenue |
| 58th Avenue between 41st Street and 49th Street | Construct left turn lanes on 58th Avenue at the intersection of 45th Street & construct sidewalks and bike lanes on 58th Avenue between 41st Street and 49th Street |

**Table A-5
Priority Transportation Alternatives Project**

| Project Rank | | Prioritization Score | Roadway | Location | | Length (miles) | Improvement Type | Jurisdiction | FDOT FY 2012/13 – 2016/17 Five Year Work Program | | Funding Source Requested |
|--------------|------|----------------------|------------------------------|-------------------|------|----------------|---|--------------|--|----------------------------------|--------------------------|
| 2013 | 2012 | | | From | To | | | | FI/FM # | Programmed Improvements (\$000s) | |
| 1 | 1 | 1 | Trans-Florida Railroad Trail | North County Park | I-95 | 2 | Paved Multipurpose Trail with Pedestrian Overpass at I-95 | County/City | 4276661 | FY 12/13 CST \$722 | State/Federal |

**Table A-6
2013 Transportation Alternatives Prioritization**

| Projects | Criteria | | | | | | | |
|--------------------------|---------------------|--------------------------|------------------------|-------------------|---------------------|-----------|-----------------------|-------------|
| | Transportation (15) | System Connectivity (20) | Regional Benefits (15) | Multiple Use (10) | Agency Support (20) | Cost (10) | Constructability (10) | Total (100) |
| Trans-Florida Rail Trail | 15 | 20 | 15 | 8 | 20 | 10 | 5 | 93 |

**Table A-7
Priority Transit Projects**

| Ranking | Project | Unit Cost | Funding Source |
|----------------|-------------------------------------|------------------|-----------------------|
| 1 | Expand Operating hours (7am - 7 pm) | \$238,800/yr | State/Federal |
| 2 | Expand Saturday Operating hours | \$ 49,528/yr | State/Federal |
| 3 | Construct Shelters and Benches | \$ 60,000/yr | Federal |

**Table A-8
Priority Aviation Projects for Vero Beach Airport**

| | <i>Project</i> | <i>Anticipated Cost</i> | <i>Anticipated Funding Source</i> |
|-----------|---|-------------------------|-----------------------------------|
| 1 | Airport Master Plan | \$625,000 | Federal/State/Local |
| 2 | Rehabilitate RWY 4-22/TWY A | \$3,600,000 | Federal/State/Local |
| 3 | Wildlife Hazard Assessment | \$20,000 | Federal/State/Local |
| 4 | Redevelop Core Commercial Park | \$800,000 | State/Local |
| 5 | C/M/L West GA Apron | \$1,500,000 | State/Local* |
| 6 | Rehabilitate Taxiway C (design) | \$200,000 | Federal/State/Local |
| 7 | Access Road Improvements (34th) | \$4,500,000 | State/Local |
| 8 | Rehabilitate Taxiway C (const.) | \$1,800,000 | Federal/State/Local |
| 9 | Extend/M/L TWY E East of RWY 4 | \$1,875,000 | State/Local |
| 10 | Reconstruct Center Apron, Ph 1 | \$2,000,000 | State/Local |
| 11 | Rehabilitate Southwest Apron | \$1,500,000 | State/Local |
| 12 | Rehabilitate CPV Utilities | \$300,000 | State/Local |
| 13 | Rehabilitate RWY 11R-29L (design) | \$500,000 | Federal/State/Local |

2014 **2015** **2016** **2017** **2018**

**Table A-9
Priority Aviation Projects for Sebastian Airport**

| | <i>Project</i> | <i>Anticipated Cost</i> |
|----------|---|-------------------------|
| 1 | Acquire Stormwater Equipment | \$ 150,000 |
| 2 | Construct Main Street / Airport Drive East-West Access | \$1,425,000 |
| 3 | Construct Hangers | \$1,525,000 |
| 4 | Construct Access Road West | \$ 800,000 |

2013 **2014** **2017**

Table A-10
2035 Long Range Transportation Plan, Cost Affordable Plan



Table 9-15. Cost Feasible Roadway Projects and Implementation Plan

| Roadway | Project Limits | Project Description |
|---------------------------------|--------------------------------------|-----------------------|
| Priority I (2016-2020) | | |
| US 1 | 53rd Street to CR 510 | Widen to 6 lanes |
| US 1 | Highland Dr. to St Lucie C.L. | Widen to 6 lanes |
| CR 510 | CR 512 to 66th Avenue | Widen to 4 lanes |
| 66th Avenue | 41st Street to 69th Street | Widen to 4 lanes |
| 98th Avenue | 4th Street to 8th Street | Extend as 2-lane road |
| Priority II (2021-2025) | | |
| I-95 | St. Lucie C.L. to Brevard C.L. | Widen to 6 lanes |
| Oslo Road | I-95 to 58th Avenue | Widen to 4 lanes |
| CR 510 | 66th Avenue to US 1 | Widen to 4 lanes |
| CR 512 | I-95 to Willow Street | Widen to 4 lanes |
| 4th Street | 66th Avenue to 98th Avenue | Extend as 2-lane road |
| 12th Street | 58th Avenue to 66th Avenue | Extend as 2-lane road |
| 53rd Street | 58th Avenue to 66th Avenue | Extend as 2-lane road |
| 66th Avenue | 69th Street to Barber Street | Widen to 4 lanes |
| 74th Avenue | Oslo Road to 8th Street | Extend as 2-lane road |
| Priority III (2026-2030) | | |
| Indian River Boulevard | 20th Street to Merrill Barber Bridge | Widen to 6 lanes |
| CR 510 | US 1 to ICWW | Widen to 4 lanes |
| 5th Street SW | Old Dixie Hwy to 20th Avenue | Extend as 2-lane road |
| 25th Street SW | 27th Avenue to 58th Avenue | Improved 2-lane road |
| 43rd Avenue | St. Lucie C.L. to 16th Street | Widen to 4 lanes |
| 53rd Street | 66th Avenue to 82nd Avenue | Extend as 2-lane road |
| 58th Avenue | Oslo Road to St. Lucie C. L. | Extend as 2-lane road |
| 82nd Avenue | 26th Street to 69th Street | Extend as 2-lane road |
| 82nd Avenue | CR 510 to Laconia Street | Extend as 2-lane road |
| Priority IV (2031-2035) | | |
| Indian River Boulevard | Merrill Barber Bridge to 45th Street | Widen to 6 lanes |
| Roseland Road | CR 512 to US 1 | Widen to 4 lanes |
| 26th Street | 43rd Avenue to 58th Avenue | Widen to 4 lanes |
| 27th Avenue | St. Lucie C.L. to Oslo Road | Widen to 4 lanes |
| 69th Street | 66th Avenue to Fellsmere N-S Rd 1 | Extend as 2-lane road |
| 82nd Avenue | 69th Street to CR 510 | Extend as 2-lane road |
| Other Projects | | |
| I-95 Interchange ¹ | At Oslo Road | New Interchange |

Table A-11

Regionally Ranked 2030 Needs Projects

Regional Project Prioritization

Indian River, St. Lucie and Martin MPOs

Table 3 (Summary Table)

| Project | From | To | Improvement | Total Lanes | Cost Feasible | Technical Score |
|--------------------------|----------------------------|---------------------------|--------------------------|-------------|---------------|-----------------|
| Tri-Rail Extension | Stuart | Palm Beach County | New Commuter Rail | - | N | 36 |
| U.S. 1 | Roseland Rd | N. County Line | Add 2 Lanes | 6 | Y | 27 |
| Indian Street Bridge Prj | FL Turnpike | Willoughby Rd | Add 2-4 Lanes/New Bridge | 6 | Y | 26 |
| Stuart-WPB Express | Stuart | Palm Beach County | New Express Route | - | N | 25 |
| FixedRoute to IRC | Fl. Pierce | Indian River County | New Fixed Route | - | N | 25 |
| Jenkins Rd. | Midway | Edwards Rd | Add 2-4 Lanes/Bridge | 4 | Y | 24 |
| U.S. 1 | Aviation Blvd | Old Dixie Hwy (N) | Add 2 Lanes | 6 | Y | 24 |
| Indian River Blvd | Royal Palm | 37th St | Add 2 Lanes | 6 | Y | 24 |
| Crosstown Parkway | Floresta Dr | US 1 | New 6 Lane Bridge | 6 | N | 23 |
| FL Turnpike | Okeechobee County Line | Martin County Line | Add 2 Lanes | 6 | N | 23 |
| S.R. 60 | I-95 | 82nd Ave | Add 2 Lanes | 6 | Y | 23 |
| US 1 | Edwards Rd | Midway Rd | Add 2 Lanes | 6 | Y | 22 |
| Jenkins Rd. | Okeechobee Rd | Edwards Rd | Add 2 Lanes | 4 | Y | 21 |
| I-95 | FL Turnpike (In Martin Co) | Palm Beach County Line | Add 2 Lanes | 8 | N | 21 |
| Martin Downs Blvd | High Meadows Ave | Kanner Hwy | Add 2 Lanes | 6 | N | 21 |
| US 1 | Jensen Beach Blvd | North of Roosevelt Bridge | Add 2 Lanes | 8 | N | 21 |
| Midway Rd | I-95 | Selvitz Rd | Add 2 Lanes | 6 | Y | 20 |
| Rangeline Rd | Glades Cut Off | Martin County Line | Add 2 Lanes | 4 | N | 20 |
| US 1 | Indian River County Line | Juanita Ave. | Add 2 Lanes | 6 | N | 20 |
| FL Turnpike | St. Lucie County Line | Palm Beach County Line | Add 2 Lanes | 6 | N | 20 |
| S.R. 60 | 98th Ave | I-95 | Add 2 Lanes | 6 | Y | 20 |
| U.S. 1 | S. County Line | Oslo Rd | Add 2 Lanes | 6 | Y | 20 |
| 66th Ave | SR 60 | C.R. 510 | Add 2 Lanes | 4 | Y | 20 |
| 25th Street | Virginia Ave | Edwards Rd. | Add 2 Lanes | 6 | N | 19 |
| Kings Hwy (South) | Angle Rd | Okeechobee Rd | Add 2 Lanes | 4 | Y | 19 |
| Midway Rd | 25th Street | US 1 | Add 2 Lanes | 4 | Y | 19 |
| C.R. 512 | Fellsmere City Limits | I-95 | Add 2 Lanes | 4 | Y | 19 |
| C.R. 512 | I-95 | C.R. 510 | Add 2 Lanes | 6 | Y | 19 |
| Orange Ave | Kings Highway | Jenkins Road | Add 4 Lanes | 6 | N | 18 |
| SR 714 | Western Palm City Corridor | Martin Downs Blvd | Add 2 Lanes | 4 | N | 18 |
| I-95 | S. County Line | N. County Line | Add 2 Lanes | 6 | Y | 18 |
| C.R. 510 | C.R. 512 | U.S. 1 | Add 2 Lanes | 4 | Y | 18 |
| C.R. 510 | U.S. 1 | ICWW | Add 2 Lanes | 4 | Y | 18 |
| Okeechobee Rd | FL Turnpike | McNeil Rd | Add 4 Lanes | 6 | N | 17 |
| Orange Ave | Jenkins Road | 25th Street | Add 2 Lanes | 6 | N | 17 |
| Indrio Rd | Emerson Avenue | Kings Highway | Add 2 Lanes | 4 | N | 16 |
| Kings Hwy (Middle) | Indrio Rd | Angle Rd | Add 2 Lanes | 4 | Y | 16 |
| Okeechobee Rd | McNeil Rd | Virginia Ave | Add 2 Lanes | 6 | N | 16 |
| SR 710 | Okeechobee County Line | Allapattah Rd / CR 609 | Add 2 Lanes | 4 | N | 16 |
| 25th Street | US 1 | Orange Ave | Add 2 Lanes | 6 | N | 15 |
| Jenkins Rd. | Angle Rd | Okeechobee Rd | Add 2-4 Lanes | 4 | Y | 15 |
| Midway Rd | Selvitz Rd | 25th Street | Add 2 Lanes | 4 | Y | 15 |
| Port St Lucie Blvd | Gallin Rd | Becker Rd | Add 2 Lanes | 4 | Y | 15 |
| Walton Rd | Lennard Rd | Green River Pkwy | Add 2 Lanes | 4 | Y | 15 |
| SR 76 | US 441 | SR 710 | Add 2 Lanes | 4 | N | 15 |
| SR 76 | SR 710 | CR 711 | Add 2 Lanes | 4 | N | 15 |
| 58th Ave | S County Line/Koblegard Rd | Oslo Rd | New 4 Lane | 4 | Y | 15 |
| Keen Rd | Angle Road | St. Lucie Blvd | Add 4 Lanes/New Bridge | 4 | N | 14 |
| Bridge Rd | CR 711 | CR A1A | Add 2 Lanes | 4 | N | 14 |
| SR 76 | CR 711 | Monterey Rd | Add 2 Lanes | 6 | Y | 14 |
| US 1 | Bridge Rd | Palm Beach County Line | Add 2 Lanes | 6 | N | 14 |
| 27th Ave | Oslo Rd | S.R. 60 | Add 2 Lanes | 4 | Y | 14 |
| Edwards Rd | Jenkins Rd | 25th Street | Add 2 Lanes/Bridge | 4 | N | 13 |
| Glades Cut-Off Rd | Reserve Blvd | Selvitz Road | Add 2 Lanes | 4 | N | 13 |
| Cove Rd | SR 76 | US 1 | Add 2 Lanes | 4 | Y | 13 |
| 27th Ave | S. County Line | Oslo Rd | Add 2 Lanes | 4 | Y | 13 |
| 43rd Ave | Oslo Rd | 8th St | Add 2 Lanes | 4 | Y | 13 |
| 25th Street South | Midway Rd | Edwards Rd | Add 2 Lanes | 6 | N | 12 |
| Midway Rd | Okeechobee Rd | I-95 | Add 2 Lanes | 4 | N | 12 |
| Okeechobee Rd | Brooksmith Rd | Florida's Turnpike | Add 2 Lanes | 6 | N | 12 |
| US 1 | Midway Rd | Walton Rd | Add 2 Lanes | 8 | N | 12 |
| High Meadow Ave | Martin Hwy | I-95 | Add 2 Lanes | 4 | N | 12 |
| SR 710 | Kanner Hwy / CR 726 | Palm Beach County Line | Add 2 Lanes | 4 | N | 12 |
| 43rd Ave | S County Line | Oslo Rd | Add 2 Lanes | 4 | Y | 12 |
| Shinn Rd | Orange Ave | Glades Cut Off | New 2 Lane | 2 | N | 11 |
| St Lucie Blvd/Immokolee | Emerson Ave | 25th Street | Add 2 Lanes | 4 | N | 11 |
| CR 609 | St Lucie Co Line | SR 714 | Add 2 Lanes | 4 | N | 11 |
| US 1 | Osprey St | Bridge Rd | Add 2 Lanes | 6 | N | 11 |
| S.R. 60 | 6th Ave | Indian River Blvd | Add 2 Lanes | 6 | Y | 11 |
| 82nd Ave | S County Line | Oslo Rd | New 2 Lane | 2 | Y | 11 |

Table A-12

| IRC Greenways: Project Prioritization | | |
|---|---|---------------|
| Criteria | Points | Maximum Score |
| Transportation: Increases the use of non-motorized travel to destinations within 0.5 mile of the proposed corridor. | Access to Schools: 0-3 points max Access to Employment and Retail: 0-3 Access to Parks & Recreation: 0-3 Access to Transit: 0-3 Access to Residential Neighborhoods: 0-3 | 15 |
| System Connectivity: Provides an essential link in creating a continuous greenway system within the study area. | Provides an essential link in the proposed network; without this link, the system could not be completed: 15-20 points Important as a 'stand alone project, but not critical to the overall system: 5-15 points A long-term element and potential future link in the system: 0-5 points | 20 |
| Quality of Life Benefits: Project will provide quality of life benefits to the residents, visitors and businesses of Indian River County. | Increases Tourism visits from outside of the County: 0-3 points max Connects people to Conservation Lands: 0-3 Potential to attract / retain businesses: 0-3 Increases Public Health / Fitness: 0-3 Improves Traffic Safety: 0-3 | 15 |
| Multiple Use: Allows for a variety of trail users | Bicyclists: 0-3 points max Pedestrians / Runners: 0-3 Water Trail: 0-2 Equestrian: 0-2 | 10 |
| Agency Support: Project is supported by the organization(s) responsible for its implementation and management | Project has full agency support (15-20 points) Project has potential to receive agency support (5-15) Project is not likely to receive support (0-5) | 20 |
| Cost: Project can be implemented within the unit costs provided based on identified opportunities and constraints | Project can be implemented within the following range of unit costs: Less than \$200k / mile (8-10 points max) \$200k - \$500k / mile (3-7 points) Greater than \$500k / mile (0-2 points) | 10 |
| Constructability: Project is ready to be advanced to design and construction | Project presents significant constraints to construction (0-2 points) Project requires further study but has the potential to be advanced (3-7 points) Project is feasible and ready for implementation (8-10 points max) | 10 |

**Table A-13
MAP-21 Planning Factors**

MAP-21 lists eight metropolitan planning areas that must be considered as part of the planning process for all MPOs. The following eight areas have been explicitly considered, analyzed as appropriate, and reflected in the Indian River County MPO's 2010 Priority Projects Report:

- (1) Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- (2) Increase the safety of the transportation system for motorized and nonmotorized users;
- (3) Increase the security of the transportation system for motorized and nonmotorized users;
- (4) Increase the accessibility and mobility options available to people and for freight;
- (5) Protect and enhance the environment, promote energy conservation, and improve quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
- (6) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- (7) Promote efficient system management and operation; and
- (8) Emphasize the preservation of the existing transportation system.

Table A-14

Definitions Used in the 2012 Priority Projects Report

Project Phases

| | |
|------|---|
| CST | Construction |
| DES | Design |
| PD&E | Project Development and Environmental Study |
| PE | Preliminary Engineering |
| ROW | Right of Way |

Other Terms

| | |
|--------|---|
| FDOT | Florida Department of Transportation |
| LOS | Level of Service (measure of roadway traffic congestion) |
| L RTP | Long Range Transportation Plan |
| PLEMO | Planning and Environmental Management Office (FDOT planning study) |
| MAP-21 | Moving Ahead for Progress for the 21 st Century (federal highway bill) |