

2012

PRIORITY PROJECTS REPORT

INDIAN RIVER COUNTY

METROPOLITAN PLANNING ORGANIZATION



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TABLE OF CONTENTS

Introduction.....3
Priority Highway Projects.....3
Priority Congestion Management Process (CMP) Projects7
Priority Enhancement Projects.....8
Priority Transit Projects 8
Priority Airport Projects.....9
Conclusion10

**Appendix
Summary Tables and Reference Material**

Table A-1 – Priority Highway Projects, SIS Highways11
Table A-2 – Priority Highways Projects, Other Highways.....11
Table A-3 – Priority Highways Projects, Regional Highways11
Table A-4 – CMP Priority Projects.....12
Table A-5 – Priority Enhancement Projects12
Table A-6 – 2012 Enhancement Prioritization13
Table A-7 – Priority Transit Projects.....14
Table A-8 – Priority Aviation Projects for Vero Beach Airport.....14
Table A-9 – Priority Aviation Projects for Sebastian Airport14
Table A-10 – Long Range Transportation Plan, 2035 Cost Affordable Plan.....15
Table A-11 – Regional Long Range Transportation Plan, 2035 Needs Plan16
Table A-12 – IRC Greenways Project Prioritization17
Table A-13 –MAP-21Planning Factors18
Table A-14 – Definitions used in the 2012 Priority Projects Report.....18

**INDIAN RIVER COUNTY
METROPOLITAN PLANNING ORGANIZATION
2012 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 2012 priority projects lists. The MPO 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 2017/18) of its FY 2013/14-2017/18 Five Year Work Program.

As it did in 2011, the MPO has developed lists for priority highway, congestion management process, 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 2012 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 are also provided.

The primary input used in developing the 2012 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 2012 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 2011 priority highway projects list and compared those projects to FDOT's current (FY 2012/13 - 2016/17) adopted Five Year Work Program. Finally, meetings and discussions with municipal, County, and FDOT staff provided additional information utilized in preparing the 2012 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.

The MPO is also requesting the reallocation of FEC Amtrak Passenger Rail Station TRIP funding (\$189,527) to the 66th Avenue widening project. This request is being made because there is no specific timeframe for the resumption of Amtrak service on the FEC corridor, and FDOT has expressed concern that funds allocated for station construction could lapse if not expended. In addition, since Martin County will not be submitting a TRIP application for FY 13/14, Indian River County and St. Lucie County will split Martin County's share of 13/14 TRIP funds. As a result, the MPO anticipates \$371,250 in TRIP funds (in addition to the reallocation of Amtrak Passenger Rail Station TRIP funds) for a total of \$560,777.

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 2012, the MPO has added the Trans-Florida Rail Trail project to 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 Enhancement 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.

2012 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.

2012 List of Candidate TRIP Grant Priority Highway Projects – Regional

66th Avenue from SR 60 to CR 510 - This project 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 project. The MPO is anticipating \$247,500 in FY 13/14 TRIP funds. The MPO is also requesting the reallocation of \$189,527 in TRIP funds previously programmed for the construction of the FEC Amtrak Passenger Rail facility to this project.

2012 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. Trans-Florida Railroad Trail** – This project involves the construction of a paved multi-purpose path located north of CR 512 between the North County Park and I-95. This multi-modal project will provide a means for safe, off road travel in the CR 512 corridor. \$700,000 in flexible Surface Transportation Funding for trail and I-95 trail overpass construction is requested at this time.
- 3. 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.
- 4. 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 2012 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 where local funding is available for those projects. Therefore, the priority highway projects list includes only 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 2012, the MPO reviewed uncompleted CMP priorities from previous CMP priority lists. Based on that review, Indian River Boulevard (37th Street – 4th Street) and 37th Street from US 1 to Indian River Boulevard were identified as uncompleted CMP priorities. To identify additional CMP priorities, the MPO also performed a new CMP analysis. That analysis involved evaluating a new congested corridor, the Highway A1A corridor between S.R. 60 and the southern limit of the City of Vero Beach.

The Highway A1A corridor was analyzed using the MPO’s adopted CMP methodology. Under that methodology, staff identified the most congested corridors in the county based on existing and vested trips; eliminated those corridors which are programmed in the short term for widening; and eliminated those corridors which have already been evaluated through the CMP process. Highway A1A was then subjected to a screening process to identify appropriate CMP strategies and projects.

With the addition of Highway A1A to the previously identified Indian River Boulevard and 37th Street corridors, the resulting 2012 CMP priorities are as follows:

Corridor	Strategy
<i>Highway A1A between S.R. 60 and the southern limit of the City of Vero Beach</i>	Intersection improvements at A1A and 17th Street Evaluate the need for a new transit route on A1A
<i>Indian River Boulevard from 4th Street to 37th Street & 37th Street from Indian River Boulevard to US 1.</i>	Add turn lanes on Indian River Boulevard at 37 th Street Connect 5 th Avenue to the Miracle Mile Shopping Center

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 ENHANCEMENT PROJECTS

The federal Enhancements program focuses on improvements, such as bike lanes, sidewalks, and landscaping, that complement the transportation system. While the Enhancement program is not specifically identified in the new federal highway bill (known as MAP-21), a new program in the bill, known as the Transportation Alternatives program, provides funding for Enhancement activities. Since the details on the Transportation Alternatives program will be released later in the year, FDOT has requested that the MPO again adopt an Enhancement Priority List.

Since 2007, the MPO has utilized Indian River County's Greenways Plans to identify 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 Enhancement program, the MPO has funded a number of Greenways projects. For 2012, the MPO is seeking funding for the Trans-Florida Railroad project. Currently, Indian River County has an agreement with FDOT to construct the trail between North County Regional Park and 104th Avenue using Enhancement funds. FDOT has offered to undertake construction of that segment and the remaining portions of the trail east of I-95, as well as a pedestrian overpass at I-95. In return, the MPO must reallocate the funds from three older Enhancement priorities to the Rail-Trail project. Those older priorities are the South Sebastian Greenway; 43rd Avenue sidewalks near the Vero Beach Airport; and Indian River Drive sidewalks north of the Sebastian City Limits. According to FDOT, those priorities can again receive funding beginning in 2017.

2012 List of Priority Enhancement 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

1	Airport Master Plan	\$500,000	Federal/State/Local
2	Rehabilitate Taxiway A and E	\$700,000	Federal/State/Local
3	Airport Access Improvements, Phase 2	\$2,300,000	State/Local
4	Redevelop Core Commercial Park	\$800,000	State/Local
5	Airport Access Improvements, Phase 3	\$2,000,000	State/Local
6	Rehabilitate Taxiway C	\$2,000,000	Federal/State/Local
7	Repair/Replace Security Fence	\$1,300,000	Federal/State/Local
8	Reconstruct Center Apron	\$2,000,000	State/Local

2013 **2014** **2015** **2016** **2017**

Sebastian Airport Priority Projects

	<i>Project</i>	<i>Anticipated Cost</i>
1	Security Camera Upgrades	\$43,000
2	Construct Main Street / Airport Drive East-West Access	\$1,200,000
3	Construct Taxiway C,D,E and Install Lighting	\$3,200,000

2013 **2014**

Conclusion

The five components of the Indian River County MPO's 2012 Priority Projects Report—the priority highway projects list, the priority CMP projects list, the priority enhancement projects 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 12, 2012, the Indian River County MPO considered the 2012 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 2012 lists of priority highway, CMP, enhancement, 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	SR 60	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
<i>Highway A1A between S.R. 60 and the southern city limits of Vero Beach</i>	Intersection Improvements on A1A at 17th Street
	Evaluate the need for a new transit route on A1A
<i>Indian River Boulevard from 4th Street to 37th Street & 37th Street from Indian River Boulevard to US 1.</i>	Add turn lanes on Indian River Boulevard at 37 th Street
	Connect 5 th Avenue to the Miracle Mile Shopping Center

**Table A-5
Priority Enhancement 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
2012	2011			From	To				FI/FM #	Programmed Improvements (\$000s)	
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
2012 Enhancement 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	Make Vero Beach Intermodal Hub Improvements	\$1,150,000	Federal
2	Expand Operating hours to 7 pm on Routes 1 - 4 & 8	\$101,794/yr	State/Federal
3	Construct Shelters and Benches	\$60,000/yr	Federal

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

1	Airport Master Plan
2	Rehabilitate Taxiway A and E
3	Airport Access Improvements, Phase 2
4	Redevelop Core Commercial Park
5	Airport Access Improvements, Phase 3
6	Rehabilitate Taxiway C
7	Repair / Replace Security Fence
8	Reconstruct Center Apron

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

1	Security Camera Upgrades
2	Construct Main Street /Airport Drive East-West Access
3	Construct Taxiway C,D,E and install lighting

**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	Merril 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)