

2007 PRIORITY PROJECTS REPORT

INDIAN RIVER COUNTY
METROPOLITAN PLANNING ORGANIZATION



This document was produced in cooperation with the Florida Department of Transportation and the Federal Highway Administration

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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 MPO's in November, present the work program to MPO's and hold public hearings in December, and submit the work program to the Legislature in January, sixty days prior to the start of the legislative session.

This report contains the Indian River County MPO's 2007 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 2012/2013) of its FY 2008/09-2012/13 Five Year Work Program.

The component lists of the MPO's 2007 Priority Projects Report are the same as those in the 2006 report. As in 2006, the MPO has opted to divide the highway priorities list into three categories, roughly mirroring three major available funding sources: Strategic Intermodal System (SIS) projects; regional roadway projects; and other projects. Since 2006, the MPO has refined its regional roadway projects methodology. In addition to the highway priorities list, the MPO has included a second list for priority congestion management process (formerly known as congestion management system) projects, a third list for priority enhancement projects, a fourth list for priority transit projects, and a fifth list for priority aviation projects.

PRIORITY HIGHWAY PROJECTS

This section explains the specific methodology utilized to prepare the MPO's 2007 Priority Highway Projects List. 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 MPO's adopted 2030 Long Range Transportation Plan (LRTP) was the primary input used in developing the 2007 list of priority highway projects. Besides the 2030 LRTP, routine system monitoring and discussions with staff from other MPOs, local governments, and FDOT were also used as inputs in developing the list.

The 2030 LRTP was used as the primary basis in developing the priority highway projects list. The reasons for this include:

- SAFETEA-LU 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 2020 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 2006 priority highway projects list, and compared those projects to FDOT's current (FY 2007/08 - 2010/11) adopted Five Year Work Program. Finally, meetings and discussions with municipal, County, and FDOT staff provided additional information utilized in preparing the 2007 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, as it did in 2006, divided its highway priority list into three categories: SIS Highways, Regional Highways, and Other Highways.

SIS Highways

The Strategic Intermodal System in Indian River County consists of I-95 and SR 60 West of I-95 to Osceola County. Projects on the SIS generally serve an interstate and inter-regional function and carry high volumes of traffic and goods across long distances.

Regional Highways

Regional roadways serve a function of connecting major population or activity concentrations that are separated by some distance. The Growth Management Legislation that was signed into law in July of 2006 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. These included establishing a new regional entity, the Treasure Coast Transportation Council (TCTC) along with Martin and St. Lucie Counties; developing a regional roadway network map; and developing a set of interim criteria for prioritizing TRIP project candidates. The interim criteria were used by the TCTC to prioritize last year's TRIP candidates.

Early in 2007, the interim prioritization criteria were refined by the TCTC and adopted by the TCTC and all three MPOs. To qualify for TRIP funding, a project phase must be production ready between October 1, 2008 and September 30, 2009 and must have at least 50% of its funds available in local matching funds.

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 candidates of all three counties will be ranked and approved by the TCTC on September 24th, 2007. After approval by the TCTC, they 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.

The preliminary ranking of all regional 2030 unfunded needs is contained on page A-12 of the attachment. Three of the projects on the regional priority list, Aviation Boulevard at US 1, 66th Avenue from CR 510 to SR 60 and CR 510 from CR 512 to US 1, have been identified by the County as production ready and TRIP-eligible candidates. After approval by the MPO on September 12th, the three candidates will be prioritized alongside other priorities from St. Lucie and Martin Counties on September 24th.

Other Highways

Non-SIS and Non-regional roadways for which the MPO is seeking federal and state funding are included on the Other Highways priority list. Last year, the MPO's top priority was SR 60 from 82nd Avenue to I-95. That project has now been fully funded. Therefore, the MPO's top priority in 2007 is US1 from Oslo Road to Highlands Drive.

Once a project is deemed to be a priority, the project must remain on the priority list until construction funding for the project is programmed by FDOT in its five-year work program. Otherwise, FDOT will not fund the project, since FDOT programs only those projects that the MPO designates as priorities. For that reason, it is not unusual for a project to stay on the highway priority list for ten or more years. Even when initial project phases, including PD&E (project development & environmental), design, and right-of-way acquisition, are programmed, a project needs to stay on the priority list until construction funding is reflected in FDOT's work program. Because projects stay on the priority list until construction funds are programmed, few projects are removed from the priority list each year.

When the MPO adopted the new highway priority list format in 2005, the intent was to expedite certain projects. Under FDOT's current funding formula, those projects which had been on the MPO's priority list for several years would take many more years to produce. This was due to a disproportionate increase in project costs (such as labor, right of way acquisition and raw materials costs) relative to funding allocations at the Federal and State level. Consequently, the County decided that several of its long-standing priorities would have a better chance of getting built if they were removed from the federal funding process. And in fact, the county was able to obtain roughly \$4 million in state funding by placing Oslo Road on the 2006 Regional Highways priority list.

In light of the above changes, the MPO's top unfunded highway priorities are as follows: the MPO's top SIS Highway priority is the same as last year's priority, the Oslo Road Interchange. The top Regional Highway priority is US 1 at Aviation Boulevard (which must also be ranked on a three county regional list and adopted by the TCTC); and the top Other Highway priority is US 1 from Oslo Road to Highlands Drive.

The complete list of highway priorities is included as Table A-1 in the Appendix. The list is consistent with the 2030 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.

2007 List of Priority Highway Projects – SIS

1. **Oslo Road Interchange at Interstate 95** – Growth within the Oslo Road corridor is expected to increase significantly over the next several years. An interchange at Oslo Road and Interstate 95 will provide Indian River County with increased access to Interstate 95. This interchange has the potential to increase economic activity and provide enhanced hurricane evacuation for Indian River County. Additionally, the Interchange Justification Report process for this interchange is underway. Right of Way and Construction funding is requested for this project.

2007 List of Candidate TRIP Grant Priority Highway Projects – Regional (MPO Only)

1. **US 1 at Aviation Boulevard** – This project involves intersection and multimodal improvements to US1 at Aviation Boulevard. The project, currently under design, is the terminal point of Indian River County's primary multimodal corridor and has several fixed transit routes passing through it, as well as nearby freight rail terminals, greenways, the Vero Beach airport, and many of the County's major employers. It is also included in the 2030 LRTP and is a CMS priority.
2. **66th Avenue from CR 510 to SR 60** - 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, the County's largest employer and major trip generator.
3. **CR 510 from CR 512 to US 1** – This project involves four laning CR 510 from US 1 to CR 512. It serves as the primary evacuation route from the northern barrier island to I-95 and is also north county's major east-west arterial.

2007 List of Priority Highway Projects – Other

1. **US 1 six laning from Highlands Drive to south of Oslo Road** – This project is a continuation of a project in the current TIP, the six laning of US 1 from south of Oslo Road to south of Indian River Boulevard. The Highlands Drive to Oslo Road segment has one of the highest volume to capacity ratios of any County roadway. Construction funding is requested for this project.

2. **US 1 six laning from the St. Lucie County Line to Highlands Drive** - This project is a follow-on to the number three priority project of six laning US 1 from south of Oslo Road to Highlands Drive. The St. Lucie County Line to Highlands Drive segment experiences congestion that needs to be addressed in the intermediate (5-15 year) term. This project will alleviate the congestion and capacity issues on this road segment. Construction funding is requested for this project.

3. **82nd Avenue two laning from 26th Street to CR 510** - The MPO's 2030 LRTP includes a project to construct 82nd Avenue as a two lane facility from its current terminus near 26th Street to CR 510. It will also form a part of a proposed three-county western corridor with St. Lucie and Martin Counties. As currently proposed, the project would involve paving 82nd Avenue from 26th Street to CR 510. This project is currently under design. Right-of-way acquisition and construction funding are requested for this project.

Conclusion

It is important to note that the MPO's 2007 List of Priority Highway Projects identifies only those projects for which state and/or federal funding is requested. As indicated in the MPO's 2030 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 those projects for which local funding is available on the MPO's priority highways list. Therefore, the priority highway projects list includes only roadway projects which require state or federal funds and which are not needed for several years. The 2007 highway priority projects are also shown on the priority projects map included in this report.

PRIORITY ENHANCEMENT PROJECTS

One important component of SAFETEA-LU, the federal highway act, is the federal enhancements program. Funded with ten percent of Surface Transportation Program allocations, the enhancement program focuses on improvements that complement the transportation system. In Florida, enhancement funds are allocated to each FDOT district, which then determines how these funds will be distributed among the MPOs in its jurisdiction. For the 2007 enhancement funding cycle, FDOT District Four will allocate approximately \$264,000 to the Indian River County MPO for enhancement projects. These funds will likely become available in FY 2010/11 of FDOT's FY 2008/09-2012/13 Five Year Work Program.

While the average annual enhancement apportionment has been increasing slightly over the past few years, the costs associated with road construction, including sidewalk and bicycle path construction, have increased dramatically over the same period. For example, the CR 512 sidewalk project in Fellsmere, which was estimated to cost \$240,000 when the project enhancement application was submitted in 1997, was awarded to the lowest bidder last year at a cost of \$550,000. As a result, this and other previously approved enhancement projects have required additional enhancement funding in recent years. In fact, it is unlikely that a single year of enhancement allocations could produce a project of significant benefit.

In addition, Enhancement funds are also subject to a number of stringent federal requirements. This results in a large administrative component for each project. In order to enable the MPO to accumulate sufficient Enhancement funds for a project of significant impact and to reduce the administrative costs of managing multiple projects, the MPO has decided to suspend the 2007 Enhancement Priority cycle. It is anticipated that the MPO will resume the cycle in 2008.

PRIORITY CONGESTION MANAGEMENT PROCESS (CMP) PROJECTS

Beginning with the 1998 Priority Projects Report, MPO staff has utilized the MPO’s Congestion Management System (CMS) plan to identify and prioritize improvement strategies for the county’s most congested corridors. With the 2006 passage of SAFETEA-LU, the new federal highway authorization bill, the Congestion Management System has been renamed the “Congestion Management Process,” or CMP. In 2006, the MPO completed a CMP plan update and conducted a new CMP analysis to identify congested corridors in the county and to identify appropriate CMP strategies for those corridors. The results of the 2006 CMP analysis are contained below. Strategies that are appropriate candidates for CMP funding are shown in boldface type. In addition to the new CMP priorities obtained from the 2006 analysis, one unfunded priority was added from the previous (2004) CMS analysis – intersection improvements at Barber Street and Schumann Drive. While the initial strategy called for eastbound and northbound left turn lanes, it is unclear whether this project will remain eligible for CMP funding in light of a proposed widening project on Schumann Drive.

Corridor Ranking	Corridor	Project
1 (2006)	US 1 (Aviation Blvd to Old Dixie Highway)	<ul style="list-style-type: none"> • Convert U.S.1 from Aviation Boulevard to 37th Street into a divided roadway (Underway) • Implement a computerized signal system (and other related improvements between 26th Street and 41st Street) (Underway) • Intersection improvements at major intersections
2 (2006)	Old Dixie Highway (4 th Street – Vero Beach)	<ul style="list-style-type: none"> • Develop an access management plan for this corridor • Adopt transportation system management improvements to improve the operating conditions of critical intersections including 4th Street, 8th Street, and 12th Street. • Implement a computerized signal system (Underway)
2 (2004)	Schumann Dr	<ul style="list-style-type: none"> ○ Implement a computerized signal system to provide coordination along Schumann Dr./66th Ave (Underway) ○ Extend northbound left turn lane on Schumann Dr./66th Ave. at Barber St. (to 400 feet). ○ Construct an eastbound right turn lane on Barber St. at Schumann Dr./66th Ave. ○ Include maintenance of traffic plan that provides adequate capacity at its intersection with Schumann Dr./66th Ave in the plans to widen Barber Street so that it operates at an acceptable level of service.

PRIORITY TRANSIT PROJECTS

Until the year 2000, transit priorities had not been included in the MPO's priority projects list because of the way that transit projects are funded. 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 been able to obtain funds from a variety of sources, including discretionary state grants. In order to apply for many federal and state grant programs, it is required that proposed projects be included on an adopted MPO priority list. In addition, fixed route transit travel has gained in popularity in recent years, which has made the need to prioritize available resources in order to meet demand even greater. FDOT has therefore encouraged the MPO to develop a transit priority list as a mechanism to help implement the MPO's transit plans.

The primary source of projects in the transit priority list for 2007 was the MPO's Transit Development Plan (TDP) - Major Update. Since a major update of the TDP in 2005, the county has been implementing a number of TDP strategies, such as new service, new facilities, a bus wrap program, and adjustments to existing routes. A number of TDP projects have not been implemented, and these form the basis of the transit priority list. These projects are shown on Table 11.

Table 11
Priority Transit Projects

Ranking	Project	Unit Cost	Funding Source
1	Expand weekday hours of service (8 a.m. to 6:30 p.m.)	\$126,846/yr	75% State/Federal
2	Provide service between South Beach Park, Humiston Park and Sexton Plaza.	\$89,262/yr	75% State/Federal
3	Provide service from Pocahontas Park to Sexton Plaza on 17 th Street.	\$89,262/yr	75% State/Federal
4	Adopt 30-minute headways on Routes 1 and 2.	\$123,016/yr	75% State/Federal
5	Construct a facility for operations, administration, and secured vehicle storage	\$4,000,000	100% Federal

PRIORITY AIRPORT PROJECTS

In Indian River County, there are two publicly owned general aviation airports, each of which qualifies for state and federal funding. Separate priority project lists have been established for each airport. This report includes a Vero Beach Airport priority projects list and a Sebastian Airport priority projects list.

To develop the airport priority projects list, MPO staff reviewed the current JACIPs (Joint Automated Capital Improvement Programs) for each of the two public airports in the county, identified which projects in the JACIPs were unfunded, and coordinated with respective airport staffs. The following airport priority projects were identified for 2006-2009. Airport priority projects are summarized in Table 12 and Table 13.

Table 12
Vero Beach Airport Priority Projects

Ranking	Project
1	Aviation Boulevard Improvements
2	Re-Roof Building 96
3	Rehabilitate Utilities CPV MH Park
4	Airport Terminal Renovation, Phase 2
5	Rehabilitate Runway 11L/29R
6	Extend/Mark/Light TWY "E" East of RWY 4
7	Construct Operations Facility
8	Rehabilitate Runway 4/22
9	Construct Taxiway B Extension
10	Access Road Improvements

Table 13
Sebastian Airport Priority Projects

Ranking	Project
1	Professional Services for Taxiway C
2	Relocate Perimeter Fencing
3	Conduct Master Plan Update
4	Construct Taxiway C (Parallel for Primary Runway 4-22)
5	Construct Access Road
6	Construct Perimeter Road
7	Construct Apron
8	Construct Air Traffic Control Tower
9	Construct T-Hangars
10	Acquire Loader/Excavator
11	Construct Taxilanes
12	Construct Corporate Hangars

Conclusion

The five components of the Indian River County MPO's 2007 Priority Projects Report—the priority highway projects list, the priority enhancement projects list, the priority CMP 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. The MPO and its advisory committees considered public input before making decisions regarding the five priority projects lists.

At its meeting of September 12, 2007, the Indian River County MPO considered the 2007 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 2007 lists of priority highway, enhancement, CMP, transit, and airport projects.

Appendix
Summary Tables, Maps and Reference Material

Table A-1 – Priority Highway Projects SIS Highways

Table A-2 – Priority Highways Projects Regional Highways

Table A-3 – Priority Highways Projects Other Highways

Table A-4 – Priority Enhancement Projects

Table A-5 – CMP Priority Projects

Table A-6 – Priority Transit Projects

Table A-7 – Vero Beach Airport Priority Projects

Table A-8 – Sebastian Airport Priority Projects

Table A-9 – Long Range Transportation Plan Interim Year Improvement Sets

Table A-10 SAFETEA-LU's Eight Planning Factors

Table A-11 Definitions used in the 2007 Priority Projects Reports

Table A-12 Regional Prioritization

Table A-1
Priority Highway Projects
SIS Highways

Project Rank				Roadway	Location		Length (miles)	Improvement Type	Jurisdiction	FDOT FY 2005/06 – 2009/10 Five Year Work Program		Funding Source Requested
2007	2006	2005	2003		From	To				FI/FM #	Programmed Improvements (\$000s)	
1	1	1	9	Oslo Road Interchange at Interstate 95			n/a	Add interchange	Federal	n/a	No Phase Programmed	state/federal

Table A-2
Priority Highway Projects
Regional Highways

Project Rank				Roadway	Location		Length (miles)	Improvement Type	Jurisdiction	FDOT FY 2005/06 – 2009/10 Five Year Work Program		Funding Source Requested
2007	2006	2005	2004		From	To				FI/FM #	Programmed Improvements (\$000s)	
1	---	---	---	US1	@ Aviation		.25	Intersection Improvements	County/State	n/a	n/a	State/federal
2	5	---	---	66 th Avenue	CR 510	Sr 60	7.5	Widen from two to four lanes	County	n/a	No Phase Programmed	State only (TRIPS)
3	1	1	5	CR 510	CR 512	US 1	5.82	Widen from two to four lanes	County	4056061	FY 07/08 PE \$2,100	state/federal

Table A-3
Priority Highway Projects
Other Highways

Project Rank				Roadway	Location		Length (miles)	Improvement Type	Jurisdiction	FDOT FY 2005/06 – 2009/10 Five Year Work Program		Funding Source Requested
2007	2006	2005	2004		From	To				FI/FM #	Programmed Improvements (\$000s)	
1	2	2	3	US 1	Highlands Drive	Oslo Road	1.5	Widen from four to six lanes	State	2285834	FY 06/07 ROW \$4,700	state/federal
2	3	3	4	US 1	St. Lucie County Line	Highlands Drive	0.5	Widen from four to six lanes	State	2285832	FY 10/11 ROW \$4,600	state/federal

Table A-4
Priority Enhancement Projects

n/a

Table A-5
CMP Priority Projects

Corridor Ranking	Corridor	Project
1 (2006)	US 1 (Aviation Blvd to Old Dixie Highway)	<ul style="list-style-type: none"> • Convert U.S.1 from Aviation Boulevard to 37th Street into a divided roadway (Underway) • Implement a computerized signal system (and other related improvements between 26th Street and 41st Street) (Underway) • Intersection improvements at major intersections
2 (2006)	Old Dixie Highway (4 th Street – Vero Beach)	<ul style="list-style-type: none"> • Develop an access management plan for this corridor • Adopt transportation system management improvements to improve the operating conditions of critical intersections including 4th Street, 8th Street, and 12th Street. • Implement a computerized signal system (Underway)
2 (2004)	Schumann Dr	<ul style="list-style-type: none"> ○ Implement a computerized signal system to provide coordination along Schumann Dr./66th Ave (Underway) ○ Extend northbound left turn lane on Schumann Dr./66th Ave. at Barber St. (to 400 feet). ○ Construct an eastbound right turn lane on Barber St. at Schumann Dr./66th Ave. ○ Include maintenance of traffic plan that provides adequate capacity at its intersection with Schumann Dr./66th Ave in the plans to widen Barber Street so that it operates at an acceptable level of service.

Table A-6
Transit Priorities

Ranking	Project	Unit Cost	Funding Source
1	Expand weekday hours of service (8 a.m. to 6:30 p.m.)	\$126,846/yr	75% State/Federal
2	Provide service between South Beach Park, Humiston Park and Sexton Plaza.	\$89,262/yr	75% State/Federal
3	Provide service from Pocahontas Park to Sexton Plaza on 17 th Street.	\$89,262/yr	75% State/Federal
4	Adopt 30-minute headways on Routes 1 and 2.	\$123,016/yr	75% State/Federal
5	Construct a facility for operations, administration, and secured vehicle storage	\$4,000,000	100% Federal

Table A-7
Vero Beach Airport Priority Projects

Ranking	Project
1	Aviation Boulevard Improvements
2	Re-Roof Building 96
3	Rehabilitate Utilities CPV MH Park
4	Airport Terminal Renovation, Phase 2
5	Rehabilitate Runway 11L/29R
6	Extend/Mark/Light TWY "E" East of RWY 4
7	Construct Operations Facility
8	Rehabilitate Runway 4/22
9	Construct Taxiway B Extension
10	Access Road Improvements

Table A-8
Sebastian Airport Priority Projects

Ranking	Project
1	Professional Services for Taxiway C
2	Relocate Perimeter Fencing
3	Conduct Master Plan Update
4	Construct Taxiway C (Parallel for Primary Runway 4-22)
5	Construct Access Road
6	Construct Perimeter Road
7	Construct Apron
8	Construct Air Traffic Control Tower
9	Construct T-Hangars
10	Acquire Loader/Excavator
11	Construct Taxilanes
12	Construct Corporate Hangars

Table A-9
2030 Long Range Transportation Plan Needs Plan Improvements

Phase 1: 2011 to 2020

	On Street	From	To	2011 Road Type	2020 Road Type	Total Cost
SIS	I-95	S. COUNTY LINE	N. COUNTY LINE	4 Lane Freeway	6 Lane Freeway	\$109,919,000
State	SR 60	I-95	82ND AVE	4 Lane Divided	6 Lane Divided	\$8,119,445
	US 1	S. COUNTY LINE	OSLO RD	4 Lane Divided	6 Lane Divided	\$12,064,823
	Congestion Management System Projects (\$500 thousand per year)					\$5,000,000
County Roads	12TH ST	90TH AVE	82ND AVE	N/A	2 Lane Undivided	\$3,781,786
	12TH ST	43RD AVE	27TH AVE	2 Lane Undivided	2 Lane Divided	\$2,854,618
	26TH ST	66TH AVE	43RD AVE	2 Lane Undivided	4 Lane Divided	\$13,006,154
	AVIATION BLVD	43RD AVE	U.S. 1	2 Lane Undivided	4 Lane Divided	\$8,537,828
	27TH AVE	S. COUNTY LINE	OSLO RD	2 Lane Undivided	4 Lane Divided	\$9,560,909
	27TH AVE	OSLO RD	S.R. 60	2 Lane Undivided	2 Lane Divided	\$12,330,699
	43RD AVE	OSLO RD	8TH ST	2 Lane Undivided	2 Lane Divided	\$8,311,058
	58TH AVE	S COUNTY LINE/K	OSLO RD	2 Lane Undivided	4 Lane Divided	\$11,850,325
	66TH AVE	SR 60	C.R. 510	2 Lane Undivided	4 Lane Divided	\$36,173,489
	AVIATION BLVD EXT	US 1	INDIAN RIVER BLVD	N/A	4 Lane Divided	\$14,387,771
	C.R. 510	C.R. 512	U.S. 1	2 Lane Undivided	4 Lane Divided	\$36,369,280
	C.R. 510	U.S. 1	ICWW	2 Lane Undivided	4 Lane Divided	\$3,718,539
	C.R. 512	FELLSMERE CITY	I-95	2 Lane Undivided	4 Lane Divided	\$19,192,929
	C.R. 512	I-95	C.R. 510	4 Lane Divided	6 Lane Divided	\$13,317,010
	C.R. 512	C.R. 510	ROSELAND RD	4 Lane Divided	6 Lane Divided	\$6,674,370
	8TH ST	82ND AVE	74TH AVE	N/A	2 Lane Undivided	\$3,955,196
	OSLO RD	I-95	58TH AVE	2 Lane Undivided	4 Lane Divided	\$19,484,669
	SCHUMANN DR	C.R. 510	BARBER ST	2 Lane Undivided	4 Lane Divided	\$3,974,335
	Congestion Management System Projects (\$500 thousand per year)					\$5,000,000
	Totals	State SIS (Strategic Intermodal System)				
Other State Roads					\$25,184,268	
County Roads					\$232,480,965	
City Roads					\$0	
TOTAL					\$367,584,233	

Phase 2: 2021 to 2030

	On Street	From	To	2021 Road Type	2030 Road Type	Total Cost
SIS	SR 60	98TH AVE	I-95	4 Lane Divided	6 Lane Divided	\$2,543,842
State	SR 60	6TH AVE	INDIAN RIVER BLVD	4 Lane Divided	6 Lane Divided	\$1,864,758
	US 1	AVIATION BLVD	OLD DIXIE HWY (N)	4 Lane Divided	6 Lane Divided	\$44,372,047
	US 1	ROSELAND RD	N. COUNTY LINE	4 Lane Divided	6 Lane Divided	\$5,255,518
	Congestion Management System Projects (\$500 thousand per year)					\$5,000,000
County Roads	4TH ST	98TH AVE	66TH AVE	N/A	2 Lane Undivided	\$16,262,035
	13TH ST SW	66TH AVE	58TH AVE	N/A	2 Lane Undivided	\$4,041,388
	13TH ST SW	43RD AVE	34TH AVE	N/A	2 Lane Undivided	\$1,560,899
	13TH ST SW	34TH AVE	27TH AVE	N/A	2 Lane Undivided	\$3,359,684
	13TH ST SW	27TH AVE	20TH AVE	N/A	2 Lane Undivided	\$1,922,225
	17TH ST SW	66TH AVE	58TH AVE	N/A	2 Lane Undivided	\$4,019,519
	26TH ST	82ND AVE	74TH AVE	N/A	2 Lane Undivided	\$3,850,481
	43RD AVE	S COUNTY LINE	OSLO RD	2 Lane Undivided	4 Lane Divided	\$12,974,563
	53RD ST	82ND AVE	66TH AVE	N/A	2 Lane Undivided	\$9,599,620
	66TH AVE	S COUNTY LINE	OSLO RD	N/A	2 Lane Undivided	\$8,562,423
	66TH AVE	OSLO RD	4TH ST	2 Lane Undivided	4 Lane Divided	\$8,887,466
	66TH AVE	4TH ST	SR 60	2 Lane Divided	4 Lane Divided	\$8,853,565
	82ND AVE	S COUNTY LINE	OSLO RD	N/A	2 Lane Undivided	\$7,302,941
	82ND AVE	26TH ST	C.R. 510	N/A	2 Lane Undivided	\$28,174,165
	LACONIA ST	C.R. 510	CONCHA DR	N/A	2 Lane Undivided	\$11,076,344
	INDIAN RIVER BLVD	ROYAL PALM	37TH ST	4 Lane Divided	6 Lane Divided	\$8,678,255
	ROSELAND RD	C.R. 512	U.S. 1	2 Lane Undivided	2 Lane Divided	\$12,847,897
	Congestion Management System Projects (\$500 thousand per year)					\$5,000,000
City	BARBER ST	SCHUMANN DR	U.S. 1	2 Lane Undivided	2 Lane Divided	\$3,621,587
	BARBER ST	C.R. 512	SCHUMANN DR	2 Lane Undivided	2 Lane Divided	\$7,596,306
	FLEMING ST	EASY ST	SCHUMANN DR	N/A	2 Lane Undivided	\$4,838,861
Totals	State SIS (Strategic Intermodal System)					\$2,543,842
	Other State Roads					\$56,492,323
	County Roads					\$156,973,470
	City Roads					\$18,056,754
	TOTAL					\$232,066,389

Table A-10.
SAFETEA LU Planning Factors

Subtitle B, Section 1203(f) of SAFETEA 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 2007 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-11.
Definitions Used in the 2007 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)
SAFETEA-LU	Safe, Efficient Transportation Equity Act – a Legacy for Users

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 Proj	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
65th 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	McNeill 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	McNeill 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	Gatlin Rd	Beoker 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	Brocksmith 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/Immokalee	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

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