



## MPO TECHNICAL ADVISORY COMMITTEE (MPOTAC)

Chris Mora – Vice-Chairman  
Jim Davis  
Jason Brown  
Sgt. James Stewart  
Karen Wood  
Kathleen Geyer  
William Schauman  
Maria Aguilar  
Tim McGarry

Monte Falls  
Eric Menger  
Rebecca Grohall  
Terry Hill  
Jason Milewski  
Jason Nunemaker  
Nancy Ziegler  
Gus Schmidt  
Thomas Mulligan

**Bob Keating, Community Development Director - Chairman**

### AGENDA

**The MPO TECHNICAL ADVISORY COMMITTEE (MPOTAC) will meet at 10:00 a.m. on FRIDAY, APRIL 28, 2006 in the First Floor Conference Room “A”, County Administration Building, 1840 25<sup>th</sup> Street, Vero Beach.**

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1. Call to Order – Bob Keating
  2. Approval of minutes –  
- February 24, 2006  
*Action Required*
  3. Consideration of Fiscal Year 2006/07 Unified Planning Work Program  
*Action Required*
  4. Status Report of Other MPO Advisory Committees  
*No Action Required*
  5. Other Business
  6. Comments from the Public
  7. Adjournment
  8. Next Meeting

- MPOTAC: May 26, 2006; 10:00am; Conference Room "A"

IF YOU HAVE ANY QUESTIONS CONCERNING THE ITEMS ON THIS AGENDA, PLEASE CONTACT MPO STAFF AT (772) 226-1254.

ANYONE WHO MAY WISH TO APPEAL ANY DECISION WHICH MAY BE MADE AT THIS MEETING WILL NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH INCLUDES THE TESTIMONY AND EVIDENCE ON WHICH THE APPEAL IS BASED.

ANYONE WHO NEEDS A SPECIAL ACCOMMODATION FOR THIS MEETING MUST CONTACT THE COUNTY'S AMERICANS WITH DISABILITIES ACT (ADA) COORDINATOR AT 772-226-1223 AT LEAST 48 HOURS IN ADVANCE OF THE MEETING.

**METROPOLITAN PLANNING ORGANIZATION**  
**TECHNICAL ADVISORY COMMITTEE**

A meeting of the Indian River County (IRC) Metropolitan Planning Organization Technical Advisory Committee (MPO TAC) was held at 10:00 a.m. on Friday, February 24, 2006, in the First Floor Conference Room "A", County Administration Building, 1840 25<sup>th</sup> Street, Vero Beach, Florida.

Present were Chairman Robert Keating, Community Development Director; James Davis, Public Works Director; Chris Mora, Traffic Engineer; Jason Brown, Office of Management and Budget Director; Sergeant James Stewart, Sheriff's Department; Karen Wood, Community Transportation Coordinator, Council on Aging; Maria Aguilar, Town Manager, Town of Orchid; William Schauman, Public Safety Director, Town of Indian River Shores; Monte Falls, Public Works and Engineering Director; Tim McGarry, Planning Director, and Eric Menger, Airport Director, City of Vero Beach; Brian Grzesiak, Engineering Department, City of Sebastian; Larry Hymowitz, Office of Modal Development; Shi Shang Li, Office of Planning and Environmental Management, Florida Department of Transportation (FDOT), District 4.

Also present were Felix Garcia, FDOT, Trainee, District 4 Office, and IRC staff: Phil Matson, MPO Staff Director; Abigail Knight, MPO Staff Assistant III, and Victoria Phillips, Staff Assistant IV.

Absent were Kathleen Geyer, Transportation Director, School Board, IRC; Jason Nunemaker, City Manager, City of Fellsmere; Rebecca Grohall, Growth Management Director; Jason Milewski, Airport Director, City of Sebastian; and Thomas Mulligan, Florida Department of Environmental Protection (all excused).

**Call to Order**

Chairman Keating called the meeting to order, at which time it was determined a quorum was present.

**Approval of Minutes**

Chairman Keating asked if there were any additions or corrections to the minutes of January 27, 2006. There were none.

**ON MOTION by Mr. Falls, SECONDED by Mr. Menger, the members voted unanimously (14-0) to approve the minutes of January 27, 2006 as presented.**

**Review of Proposed Aviation Boulevard Extension Corridor Study Scope of Services (Scope)**

Mr. Matson advised in lieu of a PowerPoint presentation, he had prepared a simple diagram identifying a couple of new corridors and strategies and focusing on the Aviation Boulevard corridor study.

Mr. Matson advised staff had been working on reestablishing a regular grid from 37<sup>th</sup> Street and the Royal Palm Boulevard area. He added it would provide a few benefits, such as improved access to the hospital and some congestion relief on U.S. Highway 1, and most importantly on Indian River Boulevard.

Mr. Matson remarked the alignment would not take the place of widening Indian River Boulevard, but it might forestall it. He said at this point staff planned to prepare some alternatives and do a fatal flaw analysis to see whether or not an alignment would be possible. Mr. Matson explained since there were wetlands in the area and some protected conservation areas, the analysis would determine if any possible alignment could even occur. He noted if the study was not favorable, it would be stopped at that point; however, if it was positive the consultant would proceed with the rest of the Scope items and determine the preferred alignment.

Mr. Matson stated the Scope would be structured to include a traffic background study, explore environmental conditions to see if an alignment would be possible, and determine the cost of right-of-way. He emphasized it would also involve some public outreach.

Mr. Matson remarked since a lot of development would be taking place in the area, it was important to determine the alignment early on in order to secure the necessary right-of-way.

Mr. Hymowitz inquired about the status of the corridor insofar as the environmental screening and going through the Efficient Transportation Decision Making (ETDM) process. Mr. Matson responded ETDM would put together all the Geographic Information Systems and computerized layers of environmental issues on what a road project might face in the early stages; however, it would not help with platted subdivisions, man-made drainage areas and some of the other challenges. Mr. Hymowitz felt it might help in the fatal flaw part of the study

and save some money. Mr. Matson agreed to check into this and mentioned the environmental portion involved at least 20% of the Scope.

Mr. Hymowitz remarked he would like the MPO to take some credit for using the Community Impact Analysis study which had already been done, and somehow incorporate it into the Scope. Mr. Matson explained a study had been prepared a few years ago, at FDOT's request, to identify communities throughout the County by clustering people with like characteristics in certain areas. He gave as an example the southeast side of U.S. Highway 1 had a lot of retirees, which meant the signage for road projects might have to be a little bigger and different cycle on signals.

Mr. Brown spoke about the costs and right-of-way requirements which would be developed for the preferred alternative, based on information obtained from the Property Appraiser, and wondered whether there would be additional analysis. Mr. Matson indicated there would be some work performed, other than the current valuation from the Property Appraiser's office.

Mr. Menger mentioned there were a lot of dollars involved, and questioned if the costs were reasonable compared to any of the other consulting firms. Mr. Matson felt they were pretty reasonable and seemed to be in line; however, he would check to see if a more reasonable price could be negotiated by using FDOT's background information.

Mr. Keating mentioned during the Long Range Transportation Plan process and the concern over the widening Indian River Boulevard, staff had looked at the aerial photograph and how a road could be squeezed in. He pointed out there were probably going to be stormwater tracts which would have to be filled in, and staff would also have to deal with wetland issues and golf courses.

Mr. Matson stated other studies would be cheaper because they did not involve this level of detail. He remarked this particular one was going to be more expensive because it was not a Congestion Management System type of study, which only looked at traffic conditions.

Mr. Li mentioned FDOT had prepared a Planning and Conceptual Engineering (PACE) study in Martin County near the Interstate 95 area at a cost of over \$300,000. Mr. Keating remarked PACE used to be called the Planning and Environmental Management Office (PLEMO), a short study which took place before the Project Development and Environmental (PD&E) phase. He explained staff used the PLEMO method on a U.S. Highway 1 six-laning project in the five-year program, which had been planned for a PD&E analysis two or three years later; however, when the PLEMO had been completed and some

fatal flaws were found, it did not continue on to the PD&E stage and the project was terminated.

**ON MOTION by Mr. Menger, SECONDED by Mr. Brown, to recommend the MPO approve the Aviation Boulevard Extension Corridor Study Scope of services subject to cost reductions.**

**UNDER DISCUSSION**, Mr. Hymowitz noted on the conceptual alternatives, nothing had been mentioned incorporating bicycle lanes, sidewalks and transit accommodations. He understood the design issues being faced, but felt there should be a good reason given if they could not be incorporated in the report. Mr. Matson thought the Route 3 Community Coach, running from Pocahontas Park to the Gifford Health Center via the west portion of Gifford would be more inclined to use the new road instead of 37<sup>th</sup> Street, because it was very congested. Mrs. Wood agreed it would be a better alternative. Mr. Matson indicated he would include it in the Scope pending discussion with the consultant, or include it in the next Transit Development Plan update.

The motion was restated.

**ON MOTION by Mr. Menger, SECONDED by Mr. Brown the members voted unanimously (14-0) to recommend the MPO approve the Aviation Boulevard Extension Corridor Study Scope of services subject to cost reductions, and current valuation other than what would be obtained from the Property Appraiser's office, as well as the other comments.**

### **Status Report of Other MPO Advisory Committees**

Included in the backup on file in the County Commission Office.

### **Other Business**

Mr. Matson introduced Sutapa Chatterjee, the new MPO Transportation Planner. Mr. Hymowitz introduced Felix Garcia, who was going through FDOT's Professional Engineering Training Program.

### **Comments from the Public**

None

## **Adjournment**

There being no further business, the meeting adjourned at 10:25 a.m.

**INDIAN RIVER COUNTY, FLORIDA**

**M E M O R A N D U M**

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**TO:** Members of the Indian River County MPO Technical Advisory Committee (MPOTAC)

**THROUGH:** Robert M. Keating, AICP  
Community Development Director

**FROM:** Phillip J. Matson  
MPO Staff Director

**DATE:** April 14, 2006

**SUBJECT: CONSIDERATION OF FISCAL YEAR 2006/07 UNIFIED PLANNING WORK PROGRAM**

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It is requested that the information presented herein be given formal consideration by the Indian River County MPOTAC at its meeting of April 28, 2006.

**SUMMARY**

The Unified Planning Work Program (UPWP) is the MPO's annual budget and description of upcoming planning activities. Each year, the MPO must submit a UPWP for approval by FDOT, the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). The UPWP lists required and discretionary MPO planning activities and the funding required for each UPWP task.

Consistent with state and federal regulations, staff prepared a draft FY 2006/07 UPWP and submitted the draft to FDOT, FHWA, and FTA for their review. After receiving comments from FDOT and FTA, staff revised the draft UPWP accordingly. The revised FY 2006/07 UPWP is attached to this staff report (Attachment 1). A summary table indicating how staff addressed the comments is also included (Attachment 2).

Staff recommends that the MPOTAC review the FY 2006/07 UPWP, suggest any necessary task revisions and/or additions, consider FDOT and FTA comments, and recommend that the MPO approve the UPWP.

## **DESCRIPTION AND CONDITIONS**

One of the principal activities which every MPO must undertake on an annual basis is the preparation of a Unified Planning Work Program (UPWP). The UPWP identifies the planning budget and planning activities of the MPO for the upcoming July 1 to June 30 state fiscal year. Not only must the UPWP provide a project description and estimated budget for each planning task, it must also specify an overall budget that identifies the total funding amount requested and a breakdown of total funding by source.

The FY 2006/07 UPWP is attached to this staff report (Attachment 1). As indicated in the UPWP, the proposed total budget for the FY 2006/07 UPWP is \$766,060. Of this amount, \$523,169 is federal funding, \$127,064 is state funding, and \$115,827 is local funding. Those state and local funds are necessary to match the federal funding amounts. The primary source of federal funding for planning activities included in the UPWP is Section 112 PL (planning) funds from FHWA. For FY 2006/07, the UPWP proposes \$457,000 in PL funding.

According to federal and state regulations, the MPO must submit its FY 2006/07 UPWP to FDOT by May 15, 2006. FDOT will, in turn, transmit the UPWP to FHWA and FTA for final review.

## **ANALYSIS**

With respect to format of the document, the FY 2006/07 UPWP is similar to the MPO's current adopted FY 2005/06 UPWP. Consisting of four categories of activities, the UPWP includes some tasks that are required by federal regulations, some tasks that are mandated by the state, and some tasks that are discretionary. It is within the section of discretionary tasks that the MPO has the greatest flexibility in adding, revising, or rescheduling tasks. Each of the four categories is discussed briefly below.

*Program Administration* - This section includes tasks related to the administration and management of the MPO. Staff is proposing to retain all tasks in this section.

*Data Collection and Surveillance Activities* - Because the tasks in this section are ongoing, multiyear activities which provide technical data for use in other MPO activities, staff is proposing to retain all tasks.

*Systems Planning* - This section includes transportation systems planning work tasks. While staff is proposing to retain all tasks in this section, several task descriptions are being revised to reflect new planning activities anticipated in the coming year. Transit Planning, Task 3.2, has been revised to reflect the new Transit Development Plan (TDP) rule that will take effect this fall.

*Project Planning* - Staff has made a number of changes to the tasks in this section. This includes the addition of two new tasks. One of those tasks, Regional Planning, contains activities associated with the recently enacted interlocal agreement between the Indian

River, St. Lucie, and Martin MPOs. Another task, the Aviation Boulevard Extension Study, has been broken out of Task 4.7, Corridor Studies, because of the size and complexity of the project. In addition to the two new tasks, other task descriptions have been revised since last year. Examples include Task 4.7, Corridor Studies, which has been revised for new corridor studies suggested by local planning agencies and/or contained in the 2030 LRTP; and Task 4.6, Greenways, which has been revised to consider a north county plan as part of a phased approach to a countywide plan. Most of the other planning tasks have been maintained because they are continuous activities which are integral to the MPO's planning process. These tasks relate to transportation disadvantaged planning, comprehensive plan activities, and coordination with FDOT.

The draft FY 2006/2007 UPWP was sent to FDOT, FHWA, and FTA for their review. Written comments were received from FDOT and have been addressed by staff. A summary of these comments, along with staff's response, appears in Attachment 2. Most comments are minor, and relate to clarification and enhancement of task descriptions.

### **RECOMMENDATION**

Staff recommends that the MPOTAC review the FY 2006/07 UPWP, suggest any necessary task revisions and/or additions, consider FDOT and FTA comments, and recommend that the MPO approve the UPWP.

### **ATTACHMENTS**

1. Indian River County MPO FY 2006/07 UPWP
2. Indian River County MPO Agency Comment Summary Sheet

**FY 2005/2006 UNIFIED PLANNING WORK PROGRAM  
FAP PL 0418 (43)**



**Indian River County  
Metropolitan Planning Organization  
(Vero Beach-Sebastian Urbanized Area)**  
<http://www.ircgov.com/boards/mpo/mpo.htm>

**May 11, 2005**

  
MPO Chairman

The preparation of this document was funded in part with FHWA PL funds.  
CFDA No. 20.205 - Highway Planning and Construction  
CFDA No. 20.505 - Federal Transit Technical Studies Grant (Metropolitan Planning)  
Financial Project ID No. 410158-1-14-01

**Indian River County Metropolitan Planning Organization**

**FY 2005/2006**

**UNIFIED PLANNING WORK PROGRAM**

In cooperation with:

Florida Department of Transportation - District Four

FDOT/MPO Administrative Handbook (10/18/02)

USDOT - FHWA and FTA

CFDA No. 20.205 - Highway Planning and Construction

CFDA No. 20.505 - Federal Transit Technical Studies Grant (Metropolitan Planning)

Indian River County MPO

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## INTRODUCTION

This Unified Planning Work Program (UPWP) for the Vero Beach - Sebastian urbanized area identifies transportation related planning activities for the 2005/06 fiscal year. The objective of this work program is to ensure that the Indian River County MPO's continuing, cooperative and comprehensive (3-C) approach to planning for transportation needs is maintained and properly coordinated with other local governments, adjacent counties, other MPOs, FDOT, and the Treasure Coast Regional Planning Council.

### UPWP Format

The Fiscal Year 2005/06 UPWP covers the period from July 1, 2005 to June 30, 2006. During preparation of this UPWP, input was obtained from FDOT staff, from FHWA staff, from FTA staff, from appropriate City and County staff members, and from members of the MPO Board, the MPO Technical Advisory Committee, and the MPO Citizens Advisory Committee. In addition, input was obtained from the St.Lucie, Martin, and Brevard MPOs.

The specific transportation planning programs to be undertaken by MPO staff during this fiscal year are organized into four major categories. These are as follows:

- Program Administration:

Includes those functions necessary to administer and manage the transportation planning program on a continuing basis, including program administration, review, and reporting.

- Data Collection and Surveillance Activities:

Consists of those work tasks that are required to support other planning activities. This includes a continuous monitoring of travel characteristics and factors, such as land use data and transportation system data, affecting travel in the urbanized area.

- Systems Planning:

Involves transportation systems planning work tasks, such as long and short range highway and transit planning, which are supportive of the overall transportation planning effort.

- Project Planning:

Consists of projects that may be either one-time or continuing tasks that are of special interest to residents within the urbanized area. These include such tasks as corridor studies, local government comprehensive plan reviews, and transportation disadvantaged planning activities. This section also includes all non-MPO planning studies, regardless of funding sources or responsible agencies.

## **TEA-21 (Transportation Equity Act for the 21<sup>st</sup> Century) Consistency**

Table 4 of this UPWP consists of a matrix identifying which of the 7 TEA-21 planning factors to be considered in metropolitan planning are furthered by each of the proposed UPWP work tasks. As indicated in that table, the UPWP as a whole addresses all 7 of the TEA-21 factors. While some work tasks directly relate to several of the factors, other tasks may address only a few. Overall, Table 4 demonstrates that the UPWP adequately addresses all of TEA-21's metropolitan planning factors.

## **FTA/FHWA Planning Emphasis Areas (PEAs) for Fiscal Year 2005**

FTA and FHWA recently identified five PEAs to promote priority measures for consideration in the metropolitan transportation planning process. The Federal PEAs are outlined in a memorandum dated November 2, 2004. They are: Safety and Security in Transportation Planning, Environmental Streamlining, Transportation System Management and Operations, Enhancing the Technical Capacity of Planning Processes, and Coordinating Human Services transportation. It should be noted that three of these tasks (Environmental Streamlining, Transportation System Management and Operations, and Coordinating Human Services transportation) have been identified by the State as “Joint Federal/State PEAs”.

This UPWP has been developed to be consistent with and promote these five PEAs where appropriate. For each specific UPWP work task that addresses one or more of the PEAs, that task's description identifies the PEA and explains how the PEA is addressed. Eight tasks, in particular, have been structured to address the five PEAs. These tasks, and the PEA(s) addressed by each, are as follows:

### *Task 1.6 - Public Involvement*

Environmental Streamlining PEA

### *Task 2.2 - Traffic Count and Transportation Data Collection*

Safety and Security in Transportation

Enhancing the Technical Capacity of Planning Processes

### *Task 3.1 - Long Range Planning*

Environmental Streamlining

Safety and Security in Transportation

Enhancing the Technical Capacity of Planning Processes

### *Task 3.2 - Transit Planning*

Transportation System Management and Operations

Safety and Security in Transportation

### *Task 3.4 - Congestion Management System*

Safety and Security in Transportation

Transportation System Management and Operations

Enhancing the Technical Capacity of Planning Processes

### *Task 4.1 – Transportation Disadvantaged Program*

Coordinating Human Services Transportation

*Task 4.3 - Bicycle/Pedestrian Planning*  
Safety and Security in Transportation

*Task 4.7 – Corridor Studies*  
Safety and Security in Transportation

In addition to the tasks indicated above, other tasks also incorporate, to lesser degrees, the five PEAs.

### **State Planning Emphasis Areas (PEAs) for Fiscal Year 2005**

FDOT recently identified four State of Florida PEAs to promote priority measures for consideration in the metropolitan transportation planning process. The state PEAs are outlined in a memorandum from the Florida Department of Transportation dated December 8, 2004. They are: Transit Quality of Service, Regional Planning, Public Involvement, and the MPO Three-Year Business Plan.

This UPWP has been developed to be consistent with and promote these four PEAs where appropriate. For each specific UPWP work task that addresses one or more of the PEAs, that task's description identifies the PEA and explains how the PEA is addressed. Six tasks, in particular, have been structured to address the four PEAs. These tasks, and the PEA(s) addressed by each, are as follows:

*Task 1.2 – UPWP Development*  
MPO Three-Year Business Plan

*Task 1.6 - Public Involvement*  
Public Involvement

*Task 2.1 – Land Use and Socio-Economic Data Analysis*  
Transit Quality of Service

*Task 3.1 - Long Range Planning*  
Regional Planning

*Task 3.2 - Transit Planning*  
Transit Quality of Service  
Regional Planning

*Task 4.5 – Intergovernmental Coordination*  
Regional Planning

In addition to the tasks indicated above, other tasks also incorporate, to lesser degrees, the four PEAs.

### **History/Background**

Prior to being designated as an MPO, Indian River County and the municipalities within the County coordinated with each other and engaged in cooperative transportation planning. This was accomplished through the mechanism of the County's Transportation Planning Committee. Comprised of representatives from each of the local governments within the County, the Transportation Planning Committee (TPC) coordinated transportation planning efforts within the County beginning in the early 1980s. Meeting on a monthly basis, the TPC focused on long-range transportation planning and intergovernmental coordination.

In 1991, the U.S. Census Bureau determined that the City of Vero Beach and the densely populated area surrounding it had a population greater than 50,000 and met the criteria to be designated as an urbanized area. This determination was based upon the results of the 1990 Census. The urbanized area designation was reconfirmed by the Census Bureau based on the results of the 2000 Census. In addition, the name of the urbanized area was changed from the "Vero Beach Urbanized Area" to the "Vero Beach-Sebastian Urbanized Area."

In 1993, the necessary interlocal agreements to formally establish the MPO were executed and recorded. Consequently, the Indian River County MPO was formally created at that time. New MPO interlocal agreements were executed and recorded in 2002 and in 2004 in order to reflect population changes from the year 2000 Census and reinforce the MPO's commitment to increase regional coordination.

### **Intergovernmental Coordination**

To coordinate MPO planning activities with local government long range planning activities, MPO staff reviews comprehensive plan amendments and various transportation grant applications, discusses planning efforts with staff from local governments, the regional planning council, and state agencies, and provides technical assistance as needed. In addition, the MPO reviews and comments on projects that are subject to the Intergovernmental Coordination and Review process. These projects are primarily transportation related projects where federal funding is requested. When appropriate, the MPO transmits those comments to the Treasure Coast Regional Planning Council. In recognition of the MPO's extensive intergovernmental coordination efforts and activities not already accounted for in specific UPWP tasks, the FY 2005/06 UPWP continues to include an intergovernmental coordination task (Task 4.7) that was first incorporated in the FY 2001/02 UPWP.

### **Past UPWP Activities**

During FY 2004/05, the MPO initiated activity on all tasks but did not fully complete the following tasks:

#### **Task 2.3 – Geographic Information Systems (GIS) Analysis**

During 2004/05, staff completed many of the sub-tasks identified in the task description, including development of street centerline, multimodal, and roadway characteristics GIS layers. One subtask, development of internet mapping services, was not completed. This is because the MPO has chosen to participate in a county-wide effort to establish unified GIS geodatabases and internet mapping services. Participation in this manner will spread

the cost of this project to multiple users and County departments. It is anticipated that the project will be completed in late FY 2005/06.

### **Task 3.1 – Long Range Planning**

During 2004/05, staff completed a Scope of Services and entered into a work order with the MPO's General Planning Consultants to develop the MPO's 2030 Long Range Transportation Plan (LRTP). Subsequent to this, staff issued a notice-to-proceed to the consultants to initiate work on the LRTP. In 2004/05, a number of activities were completed. Since LRTP development is a complex, multi-year task and because this task includes a number of unique activities including a comprehensive visioning process and an update of the county's land use element, the LRTP was not completed in 2004/05. It is anticipated that the LRTP will be completed in the second quarter of FY 2005/06.

### **Task 4.6 – Greenways Planning**

During 2004/05, staff completed a Scope of Services to develop the MPO's first ever Greenways Plan. Staff, however, was unable to successfully negotiate a work order with the General Planning Consultant for the activities included in the scope. Further, the staffing issues at the MPO prevented the MPO from initiating the Greenways Plan in FY 2004/05. MPO staff anticipates completing the Greenways plan in late 2005/06. Sufficient funds to complete the task were deobligated by the MPO on 4/1/05.

### **Task 4.7 – Corridor Studies**

Several of the Corridor Studies contained in the 2004/2005 UPWP have been completed during the fiscal year as part of the CMS or other task. The MPO has decided to complete its Long Range Transportation Plan prior to completing the remaining corridor studies, to determine if the corridor studies are still warranted or will be addressed in the LRTP. Sufficient funds to complete the task were deobligated by the MPO on 4/1/05. Like Task 4.6, this task has been included in the draft 2005/2006 UPWP.

During FY 2004/05, the MPO completed all required activities on time. This included the UPWP, the TIP, and the priority projects report.

## **Metropolitan Area Planning Priorities**

With a growth rate of about 25 percent between 1990 and 2000, Indian River County has experienced increasing traffic volumes and localized congestion. Appropriate planning priorities have included transportation system monitoring, congestion mitigation, and future transportation system planning. Through the activities represented in this UPWP, the MPO can address its priorities in a comprehensive manner.

## **Level of Effort**

The level of effort represented by this UPWP is based upon several factors, the most important of which is the need to address transportation related issues in the MPO area.

As proposed, the level of effort described in this UPWP is consistent with the needs that must be addressed in the MPO area. Through MPO staff and consultant work, grant and in-kind support from FDOT, and staff support from the County and municipal Planning, Public Works, and Engineering Departments, the MPO can undertake the technical studies, data collection activities, and administrative functions necessary to maintain a continuous, comprehensive and cooperative transportation planning process in the Vero Beach-Sebastian Urbanized Area, and conduct expanded regional coordination. Therefore, the level of effort represented by this UPWP corresponds to the planning needs of the MPO.

### **Public Involvement**

The UPWP was developed in accordance with the MPO's Public Involvement Plan (PIP), whereby numerous opportunities for public involvement were provided throughout the UPWP development process. Input regarding preparation of the UPWP was sought from both the MPO Technical Advisory Committee and the MPO Citizens Advisory Committee. In addition, the MPO developed a letter soliciting projects and activities to be included in the new UPWP and circulated that letter to general purpose local governments in Indian River County. Prior to approval of the UPWP, the MPO held a public meeting to review the proposed UPWP, consider comments from the CAC, TAC, BAC, and the public, and provide an opportunity for additional public input into the UPWP.

Consistent with FDOT's 2005/06 PEA regarding Public Involvement, the MPO provided opportunities for all segments of the community to participate in the planning process, including traditionally under-served and under-represented persons. This was accomplished by following the MPO's PIP, presenting the UPWP to the CAC which has a minority community representative, making UPWP information available at the County Planning Division office (a location frequented by many members of the public), conducting meetings and promoting plans in communities with high transportation disadvantaged populations as identified in the Community Profiles report, providing UPWP information on the MPO's web site, and through other means.

### **Consistency with Other Plans**

This UPWP has been developed to be consistent with all applicable plans, including the approved growth management plans of the local governments within the MPO area, the Treasure Coast Regional Planning Council's Strategic Regional Policy Plan, and the 2020 Florida Transportation Plan.

The work tasks contained in this UPWP are designed to assist local governments by providing valuable resource data that can be utilized in the comprehensive planning process. Through the individual work tasks incorporated within the UPWP, MPO staff will contribute to and support local regional and state government planning efforts. Much of this coordination and support will occur through the Technical Advisory Committee.

## **Relationship of UPWP Tasks**

Each planning task in this UPWP results in a set of identifiable products. Table 5 identifies how the work products of non-administrative UPWP tasks are used as inputs for other non-administrative UPWP tasks. Some tasks, such as data collection activities, chiefly provide support information for other tasks. Tasks such as long range planning (Task 3.1) both receive input from other tasks and provide information used by other activities.

## **Consultant Expenditures and Local Match**

Several tasks in this UPWP may be completed with the assistance of a consultant. These tasks are:

- Task 1.6 - Public Involvement
- Task 3.1 – Long-Range Planning
- Task 3.2 - Transit Planning
- Task 4.6 – Greenways Plan
- Task 4.7 – Corridor Studies
- Task 4.8 – Oslo Road Interchange

Consultant expenditure amounts are identified in the text of each task where consultant services are proposed. The expenditure amounts are based on the estimated percentage of the total task work that will be undertaken by the consultant. With regard to local matching share for consultant and equipment expenditure, the Indian River County MPO will be invoking FDOT's soft match provision in lieu of providing local matching funds. This provision allows the Department to use certain toll revenue expenditures as a credit toward the non-federal matching share of all programs authorized by Title 23 U.S.C. (Section 120).

## **ORGANIZATION AND MANAGEMENT**

### **Metropolitan Planning Organization (MPO)**

The Indian River County MPO is the primary agency responsible for transportation planning in the urbanized area of Indian River County. Consisting of twelve voting members representing local governments within the county, a non-voting representative from the Florida Department of Transportation (FDOT) and a non-voting representative from the Town of Orchid, the MPO has the authority and responsibility to develop and adopt plans, and to set priorities for the programming of improvements to the transportation system. The current MPO governing board membership is as follows:

- Indian River County Board of County Commissioners (5)
- City of Vero Beach (2)
- City of Sebastian (2)
- Town of Indian River Shores (1)
- City of Fellsmere (1)
- Indian River County School District (1)
- Florida Department of Transportation (1 - Non-Voting)
- Town of Orchid (1 - Non-Voting)

On June 11, 2003, the current (2003) MPO Apportionment Plan was adopted by the MPO. This plan added one member to the eleven voting member board established by the 2000 Apportionment Plan. The new member represents the Indian River County School District. Subsequent to adoption of the 2003 apportionment plan, the MPO obtained acceptance resolutions of the Plan from the general purpose local governments represented on the MPO Board, transmitted the Plan to FDOT and the governor's office, and received approval of the 2003 Apportionment Plan from FDOT and the governor's office. In FY 2004/05, the MPO developed a revised interlocal agreement and obtained acceptance of the revised interlocal agreement by all MPO voting member jurisdictions.

### **Technical Advisory Committee (TAC)**

The MPO Technical Advisory Committee is appointed by the MPO and is composed of technically qualified representatives of agencies responsible for controlling, developing and improving the transportation system in the urbanized area of Indian River County. The TAC has 19 voting members who are appointed by the MPO. Besides local government staff, TAC members include staff representatives from the Vero Beach and Sebastian Airports, the Indian River County School District, the transportation disadvantaged program (community transportation coordinator), FDOT, and others. TAC duties include the coordination of transportation planning and programming activities; the review of all transportation technical studies and reports; and the review of work programs and transportation improvement programs. The principal responsibility of the TAC is to provide technical recommendations to the MPO on transportation matters.

The TAC membership includes the following:

- (1) One regular voting and one alternate member from the following Indian River County departments/divisions:
  - (a) Public Works Department
  - (b) Community Development Department
  - (c) Traffic Engineering Division
  - (d) County Budget Office
  
- (2) Members and alternates from each of the following City of Vero Beach and Sebastian departments as specified:
  - (a) Engineering (1)
  - (e) Planning (1)
  - (f) Aviation (1)
  
- (3) One member and alternate from the following agencies:
  - (a) Town of Indian River Shores
  - (b) City of Fellsmere
  - (c) Town of Orchid
  - (d) Indian River County Sheriff's Department
  - (e) Indian River County School District
  - (f) Indian River County Council On Aging, Inc. (public transportation and transportation disadvantaged provider)
  - (g) FDEP
  
- (4) Two members and alternates from FDOT District Four.

### **Citizens Advisory Committee (CAC)**

The MPO Citizens Advisory Committee (CAC) consists of fourteen members. These members represent and reflect the demographic composition of the MPO area. Twelve members are appointed by MPO member local governments based on each government's voting representation on the MPO Board. Accordingly, five CAC members are appointed by the Board of County Commissioners; two each by the City of Vero Beach and the City of Sebastian; and one each from Fellsmere, Indian River Shores, and the Indian River County School District. The other two members, one representing racial minority interests and one representing the transportation disadvantaged community, are appointed directly by the MPO Board. The CAC is responsible for providing the MPO and MPO staff with citizen input regarding transportation related matters.

### **Bicycle/Pedestrian Advisory Committee (BAC)**

The BAC is a standing committee comprised of one representative from the County and one representative from each municipality, as well as a non-voting representative from FDOT. Among the representatives are bicycle store entrepreneurs; bicycle enthusiasts; law enforcement officers; competitive cyclists; and a citizen-liaison to the CAC. The BAC meets on the fourth Friday of each month with additional meetings on an as-needed basis to advise the MPO regarding bicycle and pedestrian issues.

### **Transportation Disadvantaged Local Coordinating Board**

Pursuant to Chapter 427, F.S. and Rule 41-2 of the F.A.C., the Local Coordinating Board (LCB) for the Transportation Disadvantaged program was established by the Board of County Commissioners in its then-current capacity as the Designated Official Planning Agency (DOPA) for the transportation disadvantaged program. The purpose of this board is to carry out the duties described in Rule 41-2. During FY 1999/00, MPO staff coordinated with County staff to designate the MPO as the DOPA in accordance with state requirements. Even though the DOPA changed in 2000 from the Board of County Commissioners to the MPO, the TDLCB structure and membership remained the same.

The TDLCB is made up of representatives from various State and local agencies as well as citizen representatives. A member of the DOPA is annually appointed to serve as the LCB's Chairman.

### **Community Transportation Coordinator**

The Community Transportation Coordinator (CTC) is appointed by the DOPA and approved by the Florida Commission for the Transportation Disadvantaged pursuant to Chapter 427 F.S. and Rule 41-2 F.A.C. to deliver transportation services to transportation disadvantaged people in a coordinated and cost efficient manner. The CTC works with the LCB and MPO staff to implement the TD service delivery plan for Indian River County. The Indian River County Council On Aging currently serves as the CTC for Indian River County. The Council on Aging provides fixed route, dial-a-ride, and complementary paratransit (demand responsive) public transportation services in the County.

In FY 2005/06, the MPO will reevaluate advisory committee membership to ensure consistency with legislative intent for these committees.

### **Agreements**

The MPO has in place various agreements with state and local governments and agencies that promote the 3-C planning process.

The following is a list of continuing agreements:

- Joint Participation Agreement (JPA) for PL/Sec. 112 Funding - This is an agreement between FDOT and the Indian River County MPO which provides for the pass through of Section 112 funds to the MPO and identifies the administrative and program requirements that must be met by the MPO to receive the funds. This agreement was executed on April 23, 1993.
- Interlocal Agreement - This is an agreement between FDOT and the local governments comprising the MPO. The purpose of this agreement is to formally establish the MPO, ensure eligibility to receive federal funds, and implement a continuing, cooperative and comprehensive transportation planning process. The original agreement was executed on April 12, 1993; a new Interlocal Agreement recognizing the 2003 MPO Apportionment Plan was executed in August of 2004.

- Intergovernmental Coordination and Review Agreement - This is an agreement with FDOT, the Treasure Coast Regional Planning Council (TCRPC), and the Indian River County MPO. The purpose of this agreement is to describe the process for coordinating MPO planning and programming activities and for fulfilling the clearinghouse requirements for federally funded activities. This agreement was executed in April 1993.
- Intergovernmental Coordination and Review and Public Transportation Coordination Joint Participation Agreement - This is an agreement between the Indian River County MPO, the local agencies responsible for the operation of mass transit and aviation transportation services, the Treasure Coast Regional Planning Council, and FDOT. The purpose of this agreement is to ensure a coordinated public transportation planning and conflict resolution process. This agreement was executed in March 1999.
- Staff Services Agreement - This is an agreement between the Indian River County MPO and the Indian River County Board of County Commissioners. This agreement states that the County will provide staff services to the MPO to support the MPO's functions. This agreement was executed in March 1995.

### **Operational Procedures and Bylaws**

The MPO operates under a duly adopted set of bylaws (most recently revised on December 8, 2004). Staff, provided by Indian River County, operate under the rules and procedures of Indian River County and the State of Florida.

Official records of MPO business are maintained at the MPO Administrative Offices in the Indian River County Community Development Department, and in the office of the Clerk of the Board of County Commissioners. Both offices are located at the Indian River County Administration Building, 1840 25th Street, Vero Beach, Florida, 32960-3365.

All MPO records are available for public inspection during normal business hours, currently 8:30 am to 5:00 pm Monday through Friday. The Indian River County MPO operational procedures fully comply with the Public Records Laws and the Sunshine Laws of the State of Florida.

## **Certification Review**

The MPO's most recent annual certification review meeting was held on June 25, 2004. Based on that meeting as documented in the MPO's 2004 certification statement, the MPO was found to be in compliance with all applicable regulations.

## **MPO Administration**

Through a staff services agreement, Indian River County planning staff serve as staff to the Indian River County MPO. Present MPO staff, who are employees of the County's Community Development Department, consist of the MPO Staff Director; two full-time MPO Staff Planners; and various other professional and support staff from the County's Community Development Department, as needed. Beginning in 2003/04, the MPO contracted with two General Planning Consultants to fill some of these specialized service needs.

**Indian River County MPO**

**FY 2005/2006**

**WORK PROGRAM**

## **1.0 PROGRAM ADMINISTRATION**

1.1 Program Management

1.2 Program Development: UPWP

1.3 State Support/Match for FHWA Section 112 Planning Program

1.4 State Support/Match for FTA Section 5303 Funds

1.5 Training

1.6 Public Involvement

## **UPWP TASK NO: 1.1 - PROGRAM MANAGEMENT**

### **OBJECTIVE:**

To administer and manage the transportation planning process in Indian River County, ensuring that the process is continuous, cooperative, and comprehensive.

### **PREVIOUS WORK:**

Since the formal creation of the Indian River County MPO in April 1993, staff has actively managed the MPO's transportation planning activities. Besides coordinating with FDOT and member local governments, staff has provided necessary administrative support to the MPO and its advisory committees. Staff has also managed personnel, kept records, prepared progress reports and invoices, prepared agreements and resolutions, and undertaken other necessary program administration activities.

In FY 2004/05, the MPO adopted a new interlocal agreement. The new agreement, which was based on a new standardized agreement furnished by the Florida Department of Transportation, is based upon the 2003 MPO apportionment plan, which added the IRCSD as a voting member to the MPO Board.

Another major activity completed in 2004/05 was the development of an MPO COOP (Continuity of Operations) Plan. The COOP plan, which was based largely on the MPO's recent emergency experiences during hurricane's Frances and Jeanne, was completed in response to FHWA's Safety and Security in Planning PEA.

### **METHODOLOGY:**

The Indian River County Community Development Department will provide staff support to the MPO, the Technical Advisory Committee (TAC), the Citizens Advisory Committee (CAC), and the Bicycle/Pedestrian Advisory Committee (BAC). Specific administrative activities will include:

Providing technical assistance to the MPO, TAC, CAC and BAC;

Preparing and distributing meeting schedules, agendas, minutes, and staff reports for the MPO and its advisory committees;

Preparing, distributing, maintaining, and updating Agreements, Resolutions, JPAs, and other documents;

Undertaking various personnel functions, including but not limited to managing staff, evaluating staff, and hiring new staff;

Maintaining record keeping for proper management of charges, performance of grant requirements, annual audits, indirect rates, and budgets in accordance with the provisions of OMB Circular A-87;

Preparing progress reports and invoices for PL funds and other grant/JPA reimbursements;

Monitoring and administering the activities of the General Planning Consultants;

Maintaining and updating the MPO's web site; and

Attending quarterly staff directors' meetings and governing board meetings of the state Metropolitan Planning Organization Advisory Committee (MPOAC).

### **Financial Audit**

The MPO's financial audit will be conducted concurrent with Indian River County's annual financial audit. The audit will commence in December 2005, and a report will be issued by March 2006. Indirect cost rates used by the MPO are determined in accordance with specifics referenced in the Section 112 Funding Joint Participation Agreement between the FDOT and the MPO.

### **Computer Supplies and Equipment**

This task also includes the purchase of additional computer supplies and equipment. As a result of increased demand for public access to the MPO's databases and work products, the MPO will purchase and deploy ARC-IMS software to enable public access to the MPO's web-based GIS and databases.

### **END PRODUCTS:**

Various administrative documents, including meeting agendas, minutes, and staff reports; quarterly progress reports and invoices; new and updated JPAs, resolutions, and agreements; and the annual financial audit; to be completed periodically throughout FY 2005/06.

Work products will be provided to FDOT and FHWA.

### **RESPONSIBLE AGENCY:**

Indian River County MPO

### **FUNDING SOURCES:**

FHWA (PL)	\$27,000*
Local	\$ 0
<b>Total</b>	<b>\$27,000</b>

### **PARTICIPATING AGENCIES:**

Indian River County Community Development Department  
Indian River County Board of County Commissioners Office  
Indian River County Office of Management and Budget

Indian River County Finance Department

**\* \$5,000 of the FHWA amount will be used to purchase computer supplies and equipment, as indicated in the text of this task.**

**UPWP TASK NO. 1.2 - PROGRAM DEVELOPMENT: UPWP**

**OBJECTIVE:**

To prepare a Unified Planning Work Program (UPWP) that identifies the transportation planning efforts to be undertaken in FY 2006/07, including ongoing activities, multiyear tasks, and new activities.

**PREVIOUS WORK:**

MPO staff prepared and the MPO adopted UPWPs for the fiscal years 1992/93 through 2004/05.

**METHODOLOGY:**

MPO staff will develop a UPWP that identifies the scope of work to be undertaken by the Indian River County MPO during FY 2006/07. This will include identification of specific work tasks, end products, funding amounts and sources, and responsible and participating agencies. The UPWP will also identify work activities completed during FY 2005/06 as documented in the MPO’s quarterly progress reports (Task 1.1). Development of the UPWP will be based upon state and federal regulations, local needs, public inputs, and activities required to ensure a 3-C planning process. Copies of the UPWP will be published and distributed pursuant to FDOT’s MPO Administrative Handbook, Topic No.: 525-010-025. In addition, the UPWP will identify tasks that carryover into future years, thus addressing FDOT’s PEA on developing an MPO business plan. Finally, the MPO will perform all year-end closeout activities, including deobligation of funding balances, in a timely manner.

**END PRODUCT:**

Attendance at regional UPWP Kickoff Meeting, to be held in December 2005.

The 2006/07 UPWP, a draft of which will be completed March 15, 2006, and a final adopted document which will be completed May 15, 2006.

The UPWP will be distributed to FDOT and FHWA, to MPO, TAC, and CAC members, and will be available to all interested parties.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$10,000
Local	\$ 0
<b>Total</b>	<b>\$10,000</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County municipalities  
FDOT

**UPWP TASK NO: 1.3 - STATE SUPPORT/MATCH FOR FHWA SECTION 112 PLANNING PROGRAM**

**OBJECTIVE:**

To provide guidance and technical assistance to the Indian River County MPO in support of the transportation planning process.

**PREVIOUS WORK:**

For the past several years, FDOT has coordinated with and provided technical assistance to MPO staff. Technical assistance has been provided in various forms by both FDOT District Four and Central Office staff. Besides training sessions and workshops on FSUTMS, TransCAD, LOS standards, GIS-TM, functional classification, and other matters, FDOT has also assisted the MPO by providing funding for past transportation studies.

In addition, FDOT has provided the required Section 112 nonfederal match for most of the MPO's UPWP activities since the formation of the MPO.

**METHODOLOGY:**

In the FY 2005/06 UPWP, the required nonfederal share for FHWA Sec. 112 funds will be met through the use of Florida toll revenue credits as a "soft-match." FDOT will provide this match for all UPWP activities utilizing PL funds. FDOT will also provide various support services to the MPO in support of the transportation planning process. Support services will involve guidance, direction, and technical assistance to the MPO staff as well as attendance at meetings.

**END PRODUCT:**

Guidance, direction, and technical assistance to the MPO staff as well as attendance at meetings.

**RESPONSIBLE AGENCY:**

FDOT

**FUNDING SOURCES:**

FDOT	\$123,731
<b>Total</b>	<b>\$123,731</b>

**UPWP TASK NO: 1.4 - STATE SUPPORT/MATCH FOR FTA SECTION 5303 FUNDS**

**OBJECTIVE:**

To provide guidance and support to the MPO for Public Transportation Planning activities.

**PREVIOUS WORK:**

For the past several years, FDOT has coordinated with and provided technical assistance to MPO staff. Technical assistance has been provided in various forms by both FDOT District Four and Central Office staff. Examples of this form of assistance includes distributing training materials and coordinating with MPO staff on Transit Quality Level of Service (TQLOS), transit infrastructure inventories, and TDP guidance and preparation. In addition, FDOT has also assisted the MPO by providing funding for past transportation studies including TDP Major and Minor updates.

In addition, FDOT has provided the required Section 5303 nonfederal match for most of the MPO's UPWP Public Transportation activities since the formation of the MPO.

**METHODOLOGY:**

In FY 2005/06, FDOT will continue to coordinate with MPO staff on a number of transit planning tasks, with an emphasis on detailed planning and implementation planning for TDP and LRTP – Transit Element projects. FDOT will also provide various support services to the MPO in support of the transportation planning process. Support services will involve guidance, direction, and technical assistance to the MPO staff as well as attendance at meetings.

**END PRODUCT:**

Guidance, direction, and technical assistance to the MPO staff as well as attendance at meetings.

**RESPONSIBLE AGENCY:**

FDOT

**FUNDING SOURCES:**

FDOT (FY 04/05 Carryover)	\$ 2,394
FDOT (New FY 05/06)	\$ 5,727
<b>Total</b>	<b>\$ 8,121</b>

**UPWP TASK NO: 1.5 - TRAINING**

**OBJECTIVE:**

To provide continued staff and MPO member training in transportation planning, travel demand modeling, financial and technical administration, and FDOT/FHWA requirements.

**PREVIOUS WORK:**

For the past several years, MPO staff have attended various training conferences and workshops. These sessions have provided training on management system requirements, level of service analyses, transportation disadvantaged planning, travel demand modeling, UPWP/TIP development, revenue forecasting, access management, TEA-21, Intelligent Transportation Systems (ITS), Efficient Transportation Decision Making (ETDM), Transit Quality of Service, (TQOS), and GIS in transportation planning.

**METHODOLOGY:**

MPO staff and MPO members will continue to attend sessions offering training in transportation planning, travel demand forecasting, and FDOT/FHWA requirements. Many of these training sessions are sponsored by FDOT or FHWA, and are low-cost opportunities for the MPO to obtain ongoing professional training. Other training opportunities involve American Planning Association (APA) conferences, Transportation Research Board (TRB) conferences, American Transit Association (ATA) conferences, and workshops conducted by other organizations. As part of this task, MPO staff will continue to obtain necessary additional training involving GIS in transportation, travel demand modeling, TEA-21 requirements, and other relevant topics.

Since the MPO will participate in ongoing training opportunities in ETDM & TQOS, this task addresses the Environmental Streamlining and TQOS PEAs.

**END PRODUCT:**

MPO staff and member attendance at training sessions and conferences, to be completed throughout FY 2005/06. Attendance will be documented as part of the MPO’s quarterly PL status reports.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$ 9,000
Local	\$ 0
<b>Total</b>	<b>\$ 9,000</b>

## **UPWP TASK NO: 1.6 - PUBLIC INVOLVEMENT**

### **OBJECTIVE:**

To ensure that the MPO's public involvement process meets all federal and state regulations and provides opportunities for a well-informed public to contribute input into the transportation planning and decision making processes.

### **PREVIOUS WORK:**

The MPO's Public Involvement Plan (PIP), adopted in 1995 and updated in 2002, provides a process to ensure that the public is given the opportunity to review and comment on all aspects of the MPO's planning process. The PIP also provides for community education about the MPO process; provides strategies to reach out and target underserved communities; and provides for the distribution of information to the public.

Consistent with the Public Involvement Plan, MPO staff conducted and/or participated in numerous public involvement and outreach activities related to several MPO projects during FY 2004/05. Activities included holding public workshops and charrettes, conducting surveys, publishing a newsletter, setting up a presentation display at public events, adding a standing public participation item to committee agendas, and other activities.

Two projects undertaken in 2004/05 that involved significant public involvement activities were the Long Range Transportation Plan/Visioning project and the Transit Development Plan Major Update project. These activities included holding general public and board meetings, preparing presentation materials, distributing and tabulating public comment forms, distributing meeting notices and staff reports, responding to questions from interested persons, advertising meetings, distributing and tabulating surveys, and establishing and maintaining project-specific web pages on the MPO web site. Over 10 public workshops and 5 Charrette/Oversight Committee meetings were held in conjunction with the LRTP/Visioning Plan. Public involvement opportunities in conjunction with the TDP included an on-board survey of ridership and a public involvement event at the Indian River Mall. Additional sources of information distribution included newspaper advertisements and local cable access announcements.

During FY 2004/05, the MPO continued several major public involvement activities. One such activity involved MPO staff coordination with County staff to maintain the MPO section of the County's Internet web site. In addition to posting electronic versions of MPO, TAC, CAC, and BAC meeting agendas, minutes, and staff reports, staff upgraded the web site to add a new link to the Community Profiles report and LRTP/visioning project.

Another activity involved staff distributing the MPO's orientation and reference handbook to new MPO members and others. The handbook contains important information regarding MPO committee membership, local staff contacts, meeting schedules, and other useful information.

A third major activity that continued in 2004/05 was writing, illustrating, editing, publishing, and distributing the MPO overview, the MPO's quarterly newsletter. The newsletter is distributed to over 1% of the county's population, including private non-profit organizations, civic and

community associations, government agencies, and interested citizens. Additional newsletters are sent to households listed on a database of random addresses in the county. This MPO purchased database includes a high proportion of traditionally under served (minority and elderly) households.

In FY 2004/05, MPO staff authorized a public opinion survey of transportation issues in Indian River County. This survey was conducted as part of both the Long Range Plan and TDP Major Update projects.

Another activity continued in FY 2004/05 was the evaluation of public involvement practices. To complete this activity, staff compiled summary sheets of public involvement activities undertaken in conjunction with all major MPO projects and activities. The results were compared to objectives for public involvement identified in the Public Involvement Plan.

Throughout the year, staff participated in several studies, surveys, and research projects. Among these projects were a university study on MPO board member training; and an FDOT – Office of Policy Planning survey on customer service.

MPO staff has also regularly responded to inquiries from citizens, local governments, business and community groups, the media, and other parties about MPO plans, actions, and activities. Through attendance at various meetings and through written and verbal correspondence, staff has provided informational and educational materials to the public. Finally, for the past several years, the MPO has made available to the public copies of the MPO's major plans, studies, programs, traffic counts, socioeconomic data projections, and other transportation materials. This information has been made available at the Indian River County Community Development Department reception desk. Some of these items have been made available at local city halls, libraries, and other community institutions, as well as on the MPO website.

## **METHODOLOGY:**

### **Public Involvement Outreach Activities**

MPO staff will continue to utilize, monitor, and implement the MPO's Public Involvement Plan. In doing so, MPO staff will maintain contact with business and community groups, citizens, government agencies, private transportation providers, as well as traditionally under-served groups (such as minority, low income, and transportation disadvantaged populations) in order to foster public education and participation in the MPO's planning and decision making processes. MPO staff will also continue to utilize, expand, and promote the information contained in the MPO's orientation and reference manual, the quarterly newsletter, and the MPO's section of the County's Internet web site. The MPO will also seek opportunities to participate in regional public involvement activities, such as through joint promotional opportunities and regional radio announcements.

To accomplish the activities identified above, MPO staff may attend meetings of community groups, government agencies, social service providers, or neighboring MPOs. These are recurring activities that MPO staff will undertake when possible. Assistance such as bilingual materials and access for the disabled will continue to be provided

In FY 2005/06, MPO staff will develop new outreach materials as referenced in the Public Involvement Plan. These may include brochures, newspaper advertisements, maps, and reports. Some of this material will require the expertise of specialized consultants.

### **Efficient Transportation Decision Making (ETDM)**

In furtherance of the joint federal/state PEA on Environmental Streamlining, MPO staff will continue to include references to the ETDM process in its outreach materials. Consistent with that process, MPO staff will seek the “early and continuous” involvement of the public in the Planning and Project Development process by identifying and maintaining a database of key community contacts, organizations, and institutions.

### **MPO Newsletter**

Throughout 2005/06, the MPO will continue to edit, publish, and distribute The MPO Overview, the MPO’s quarterly newsletter. Specific activities will include researching topics of interest to the general public, updating mailing lists, and identifying additional distribution outlets. A special emphasis will be placed on documenting the distribution of newsletters to those traditionally underserved in the transportation planning process.

### **Public Involvement Evaluation**

The MPO will continue to undertake the evaluation techniques established in the updated Public Involvement Plan. As stated in the plan, individual plan strategies will be evaluated using quantitative and qualitative standards, and the plan will be modified accordingly based on the results of the evaluation. By engaging in Public Involvement evaluation, the MPO will be addressing FDOT’s PEA on improving Public Involvement.

### **LRTP Public Involvement**

The MPO will complete its LRTP update in the middle of FY 2005/06. Public activities to be performed in conjunction with completing the plan include final public workshops on preferred transportation alternatives and development of post-project public involvement strategies. Per the MPO Public Involvement Plan, these strategies may include, but not be limited to, special newsletters, press releases, flyers and brochures; community workshops and meetings; surveys; radio and television announcements; and public service announcements. It is anticipated that these strategies will utilize consultant services.

### **END PRODUCTS:**

Report summarizing findings of an evaluation of the effectiveness of the MPO’s public involvement efforts, to be completed prior to June 2006.

MPO Newsletter to be published quarterly; Bicycle Suitability, Greenways System, and other maps; MPO Web Site; Brochures; Newspaper Advertisements; Project-Specific Reports; and Presentation Displays; and MPO television and radio promotions, such as on public access television.

MPO staff attendance at conferences, meetings, workshops, community “open house” events, regional public involvement events with adjacent MPOs and organizations, community association meetings, and other public events, to be undertaken throughout FY 2005/06.

**RESPONSIBLE AGENCY:**

Indian River County MPO\*

**FUNDING SOURCES:**

FHWA (PL)	\$20,000 (6,000 consultant exp.)
Local	\$ 0
<b>Total</b>	<b>\$20,000 (FY 2005/06)</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County municipalities  
Indian River County Chamber of Commerce  
Various community and special interest groups

\* - May utilize consultant services

## **2.0 DATA COLLECTION AND SURVEILLANCE ACTIVITIES**

2.1 Land Use and Socioeconomic Data Analysis

2.2 Traffic Count & Transportation Data Collection and Analysis

2.3 Geographic Information System (GIS) Analysis

## **UPWP TASK NO: 2.1 - LAND USE AND SOCIO-ECONOMIC DATA ANALYSIS, PROJECTION, AND RECONCILIATION**

### **OBJECTIVE:**

To collect, analyze, project and reconcile land use and socioeconomic data for input into the MPO's continuing long-range transportation planning process.

### **PREVIOUS WORK:**

Land use and socioeconomic data have been collected for transportation planning purposes since 1985. In 1985, data from the 1980 census were updated with building permit information and compiled by traffic analysis zone. That information was updated with 1990 census data. It was used as the basis for developing the socio-economic data inputs into Long Range Transportation Plan (LRTP) travel demand models.

During FY 04/05, a significant amount of land use and socioeconomic work was undertaken. Besides the database maintenance activities continually done by the MPO, staff conducted other significant activities, including Census data analysis, County land use and permit data analysis, vacant land analysis, and socio-economic data analysis for use in long range and transit planning.

With respect to the Census activity, staff reviewed year 2000 Census Transportation Planning Package (CTPP) data. The CTPP makes detailed census data available to the MPO at the TAZ level. These data form the basis for developing socio-economic data projections as inputs into the Treasure Coast Regional Planning model year 2000 validation.

In the first quarter of 2004/05, staff completed final refinements to the vacant parcel inventory/development potential assessment project. This project has resulted in a GIS-based model that uses the County Property Appraiser's spatial database and attribute database to determine existing single family and multi family dwelling units by Traffic Analysis Zone (TAZ), identifies vacant acreage within each TAZ, calculates the potential number of units that can be developed within each TAZ based on Future Land Use densities, and provides accurate projections of total build-out units for each TAZ. In addition to refining the model, staff engaged in a number of maintenance activities during the fiscal year. These activities will recur on an annual basis in support of the vacant model and include developing a GIS layer of new site planned projects in the county.

Using Census and Vacant Parcel information as well as the ULAM Land Use Model, the MPO and its consultants developed three sets of year 2030 socio-economic data. Those data corresponded to three alternative land use scenarios developed through the public involvement and visioning process. These data sets were used in modeling and conducting impact assessments of the three land use scenarios as part of long range transportation plan development.

Finally, staff performed an analysis of current socio-economic data, including occupied dwelling units and employment, at the TAZ level in order to identify the transit-supportive area of the county. This information was needed to update the Transit Capacity and Quality of Service (TCQOS) analysis for the County.

## **METHODOLOGY:**

### **Data Collection and Analysis**

MPO staff will continue to collect, analyze, project, and reconcile land use and socioeconomic data in order to identify and assess the impacts on the transportation system. This will involve MPO staff working with County staff to update its inventory of vacant land parcels, track building permits, and collect certificate of occupancy data by TAZ. MPO staff will also coordinate with municipalities to collect and track data as necessary. This data collection activity will be continuous in order to reflect the constant changes within the urban area and the effect of these changes on the roadway network. Data analysis will involve the use of the MPO's Vacant Parcel and ULAM models. The data analysis will consider both socio-economic characteristics and the physical/environmental characteristics of the subgeographic area.

### **Vacant Parcel Inventory/Development Potential Assessment Project**

In FY 2005/06, staff will engage in a number of maintenance activities of the vacant parcel model. These include updating the new projects GIS layer; installing new releases of the software; and conducting training in the application.

### **LRTP Data**

Since transportation modeling is an ongoing process, MPO staff will continue to analyze data from a number of sources and use those data to update appropriate LRTP input files. This will include engaging in maintenance activities for the County's vacant parcel model, and developing new reports from the model. This task may be performed with the assistance of consultant services.

### **TCQOS Analysis**

Staff will also continue to analyze socio-economic data in order to identify the County's transit-supportive area for use in performing a TCQOS Analysis update on an ongoing basis. This activity addresses FDOT's PEA on TCQOS.

## **END PRODUCTS:**

Reports, to be completed periodically at various stages of data collection.

Updated vacant land parcel and socioeconomic databases, to be continuously maintained.

Work products will be available in hard copy and on CD. These work products will be distributed to FDOT, FHWA, and local municipalities.

### **RESPONSIBLE AGENCY:**

Indian River County MPO\*

### **FUNDING SOURCES:**

FHWA (PL) \$18,000 (\$10,000 consultant expend.)

Local	\$ 0
<b>Total</b>	<b>\$18,000</b>

**PARTICIPATING AGENCIES:**

Indian River County Community Development Department  
Indian River County Municipalities  
Indian River County Property Appraiser's Office

\* - May utilize consultant services

## **UPWP TASK NO: 2.2 - TRAFFIC COUNT & TRANSPORTATION DATA COLLECTION AND ANALYSIS**

### **OBJECTIVE:**

To collect and analyze traffic volume data on all thoroughfare roads within the MPO area and to obtain roadway characteristics data for such roads consistent with TEA-21 requirements.

### **PREVIOUS WORK:**

For the past several years, MPO staff has conducted traffic counts for all thoroughfare plan roads within the MPO area, and has prepared and distributed traffic count reports to the MPO advisory committees, local governments, FDOT, interested citizens, and local business organizations. The MPO has also acquired additional traffic counting equipment during the past several years to expand the coverage of traffic counts in the MPO area and to increase the accuracy of data collected.

In FY 2004/05, the MPO completed a signage and guidance study for major corridors in Indian River County. The results of the study will be implemented to reduce visual confusion on the roadways and ensure safer, simpler and more direct connections to major destinations in the county in satisfaction of FHWA's PEA of Safety and Security in Planning.

### **METHODOLOGY:**

#### **Traffic Count Data**

MPO staff will continue its traffic count program. Traffic count and other roadway data will be collected by the county Traffic Engineering staff at least annually for each thoroughfare plan road within the MPO area. This data collection effort will be coordinated with FDOT's traffic count activities and data collected will be compatible with FDOT Survey Processing Software. Data collected will be analyzed to determine average annual daily traffic (AADT), peak season traffic, and peak hour/peak direction traffic volumes.

The County data will continue to be compiled into a report and distributed to local governments and other agencies. Applicable computer databases will be updated, and appropriate data will be converted into a useable GIS format. In addition to using information obtained from its count stations, staff will compile data provided by other local agencies, FDOT, and development applicants through traffic analysis reports.

In addition to fulfilling the requirements of TEA-21, compiling accurate base data is an essential requirement in order to complete a number of MPO activities, including the CMS Plan, Long Range Transportation Plan model validation, corridor studies, design traffic formulation for PD&E studies, priority list formulation, Highway, Bicycle, and Pedestrian Level of Service determinations, and Comprehensive Plan analysis. These data are also used for transportation-related activities conducted by other county departments. Examples of other departmental activities include maintaining the county's concurrency management database and evaluating consultant traffic studies required of new development. Although the data are also used by

other County departments, the County's traffic count program would be far less extensive without MPO participation and would not include 24-hour counts on all major roads as is presently collected. Therefore, this activity is undertaken in partnership with Indian River County on an annual basis, with the MPO providing approximately 35% of the traffic count program expenses and the County providing 65%.

### **Crash Data**

Besides collecting traffic count data, county Traffic Engineering staff will also collect crash data. These data will be compiled and maintained in a crash database. These crash data will be used in congestion management planning activities and long-range planning activities, two tasks which may result in the identification of safety enhancing roadway improvements. Consequently, this task addresses FHWA/FTA's Safety and Security in Transportation PEA.

### **Other Roadway Condition Data**

Transportation data (other than traffic counts) collected in this task will be used in other UPWP tasks to supplement the data needs of those other UPWP tasks. Such tasks include Task 2.3 (GIS Analysis), Task 3.1 (Long Range Planning), Task 3.4 (Congestion Management System) and Task 4.8 (Corridor Studies). When collecting, processing, and reporting traffic and roadway data, staff will follow FDOT and FHWA guidelines. MPO staff will also coordinate with FDOT to ensure that MPO collected data can be used by FDOT, where appropriate, to supplement its Highway Performance Monitoring System data.

### **Transportation System Operation and Management**

Besides data collection, this task will involve transportation system operation and management activities. In coordination with its data collection activities, Traffic Engineering staff will assess the operational characteristics of roadways in the MPO area. This will involve traffic signal system assessment, consideration of incident management procedures, and review of maintenance of traffic processes.

Additionally, Traffic Engineering staff and MPO staff, in conjunction with FDOT, will review the functional classification of the roadway system in Indian River County and identify any necessary additions or changes.

Since these efforts result in more reliable and effective base data which are then input into other Tasks, this task also addresses the Enhancing the Technical Capacity of Planning Processes PEA.

### **END PRODUCTS:**

Report of traffic volumes by link, to be completed February 2006.

Traffic count map, to be completed by February 2006.

Computerized databases, to be continuously maintained and updated.

Transportation Data Reports (traffic volume and classification surveys, roadway inventories, rail-highway crossing inventories, and speed monitoring surveys) developed according to instructions in the standardized professional guides, to be completed periodically as data are needed.

Work products will be available in hard copy and electronically and will be distributed to FDOT, FHWA, local governments, interested citizens, and business organizations.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$50,000
Local	\$92,910
<b>Total</b>	<b>\$142,910</b>

**PARTICIPATING AGENCY:**

Indian River County Traffic Engineering Dept.

## **UPWP TASK NO. 2.3 - GEOGRAPHIC INFORMATION SYSTEMS (GIS) ANALYSIS**

### **OBJECTIVE:**

To maintain, update, and expand the MPO's GIS database.

To perform GIS analysis as part of other MPO planning activities.

### **PREVIOUS WORK:**

During FY 2004/05, the MPO completed several significant GIS projects and data collection efforts.

To analyze both existing and future development patterns and scenarios, the MPO utilized its Vacant Land Inventory application. The Vacant Land Inventory was also used to create socioeconomic data for travel demand modeling associated with the development of the MPO's 2030 LRTP.

During FY 2004/05, the MPO participated in the countywide effort to develop an enterprise GIS system in Indian River County. Through this process, the MPO assisted the County in developing a scope of services for an enterprise GIS needs assessment. In addition, the MPO assisted the county, FDOT and FHWA in collecting data and mapping roadway conditions following both Hurricanes Frances and Jeanne.

In FY 2004/05, the MPO migrated to ESRI's ArcGIS 9 and created a geodatabase for all of its spatial data and related numerous data sets to the street centerline dataset. Average annual daily traffic counts, federal functional classifications, bicycle and pedestrian data and roadway level of service standards were incorporated into the MPO's geodatabase.

### **METHODOLOGY:**

#### **GIS Base Data**

MPO staff will continue to maintain, expand, and update its GIS database for use in MPO projects and planning activities. Also, the MPO will continue to update the attribute data and metadata files associated with the GIS database as well as the underlying street and multimodal transportation network.

#### **Street Centerline Data**

The MPO will continue to update its GIS street centerline data and update the attribute data for the centerline dataset as necessary. Updates to the data will include new roads, traffic count data, improvements to the spatial accuracy of the centerline network, and production of graphics and maps of the roadway network.

## **Roadway Characteristics Database and GIS Interface**

Another activity to be performed using MPO staff is the establishment of a roadway characteristics GIS database. When completed, the database will provide Indian River County with a central source of comprehensive roadway characteristics for all segments of road in the County's major road network. As part of this process, an intuitive GIS-based program interface will be developed enabling a user to obtain a variety of roadway conditions and performance data by simply selecting roadway segments on a map. Real-time linkages will be established to GIS databases developed for other MPO and other agency systems, such as the Congestion Management System, the Accident Recording System, the Concurrency Management system; and the FDOT District IV Roadway Conditions Index database.

## **Spatial Analysis**

Staff will continue to use ArcGIS to perform spatial analysis associated with the MPO's proposed projects that utilize GIS capabilities. Such projects include updating the MPO's Transit Development Plan (Task 3.2), preparing the MPO's annual priority projects report and TIP (Task 3.3), and performing a Congestion Management System (CMS) analysis (Task 3.4), and undertaking other projects as appropriate.

## **Multimodal Data**

The MPO will continuously update its multimodal data layers. These layers will include sidewalk availability and bicycle lanes on roadways.

## **END PRODUCTS:**

GIS database and maps, to be continuously maintained and updated.

GIS street centerline network and database, to be continuously maintained and updated.

GIS multimodal network and database, to be continuously maintained and updated.

Spatial analysis for MPO planning projects and activities, to be performed and documented throughout FY 2005/06.

GIS roadway characteristics network and database. Completion: June 2006

Work products will be available in selected digital formats and will be distributed to FDOT, FHWA, and local agencies.

## **RESPONSIBLE AGENCY:**

Indian River County MPO\*\*\*

## **FUNDING SOURCES:**

FHWA (PL)	\$15,000	(\$9,000 lic/maint fees)
<b>Total</b>	<b>\$15,000*</b>	<b>(FY 2005/06)</b>

**PARTICIPATING AGENCIES:**

Indian River County Community Development Department  
Indian River County Public Works Department  
Indian River County Property Appraiser's Office  
FDOT

**\* - Includes \$7,500 in software license fees**  
**\*\* - Includes \$1,500 in software maintenance**

**fees**

\*\*\* - May utilize consultant services

## **3.0 SYSTEMS PLANNING**

3.1 Long Range Planning

3.2 Transit Planning

3.3 Transportation Improvement Program (TIP) Development

3.4 Congestion Management System

## **UPWP TASK NO: 3.1 - LONG RANGE PLANNING**

### **OBJECTIVE:**

To maintain, implement, and update the MPO's adopted 2025 Long Range Transportation Plan (LRTP) and to maintain the MPO's travel demand forecasting model.

### **PREVIOUS WORK:**

In early FY 1999/00, the MPO retained a consultant to assist MPO staff in preparing the 2025 LRTP. That objective was accomplished with the MPO's December 13, 2000 adoption of the 2025 LRTP. The 2025 LRTP consists of the final plan document, an executive summary, and a summary brochure. As required, the plan is cost feasible and provides a multi-modal set of improvements to meet projected 2025 travel demands.

In 2004/05, several Long Range Plan implementation activities were undertaken. These included preparing the MPO Priority Projects Report, reviewing the County Comprehensive Plan, and assisting county staff in reviewing the County's Capital Improvements Program.

Also during 2004/05, the Indian River County MPO engaged in extensive Efficient Transportation Decision Making (ETDM) activities as part of a new FDOT public involvement and environmental streamlining process. Specific activities performed included uploading LRTP projects to the central ETDM website to complete the Planning and Project Screening process; completing a Community Outreach/Development of Community Profiles project to collect and analyze data in the ETDM socio-cultural assessment phase; and performing ETDM coordination responsibilities as part of the Environmental Technical Assessment Team (ETAT).

In FY 04/05, the 2030 LRTP update, which began in the previous fiscal year, continued with a number of major activities being undertaken. One such activity was completion of the Vacant Land Inventory/Development Assessment Potential project (See Task 2.1). Using information from the Property Appraiser's files and Community Development Department's files, MPO staff and consultants developed a computer program application to identify and inventory vacant parcels throughout the county and estimate total future potential development on undeveloped parcels. Through an extensive public visioning process ("InVision 2030"), this information was set by the MPO's LRTP consultants to develop three alternative land use scenarios for analysis. These scenarios were fully modeled and tested for their fiscal, economic, environmental, and traffic impacts on the County. In the third quarter of FY 2004/05, a preferred land use alternative was selected, and the MPO began developing its Needs Plan and Cost Feasible Plan.

Finally, several travel demand forecasting model-related activities were completed during the fiscal year. One of these activities was MPO staff participation in FDOT's year 2000 Treasure Coast regional model validation. In addition, MPO staff attended training in the new modeling platform, TRANS-CAD, and installed TRANS-CAD on MPO staff computers.

## **METHODOLOGY:**

MPO staff will coordinate with local and regional stakeholders to continue long-range transportation plan activities. This will involve several specific work activities.

### **ULAM Model Analysis**

One ongoing long-range plan activity will be the refinement of the MPO's Urban Land Use Allocation Model (ULAM). In coordination with county and city staff, MPO staff will update various ULAM input variables as needed, including market index variables, activity center parameters, and vacant land availability by TAZ.

### **ITS Regional Architecture**

In FY 2005/2006, MPO staff will continue to coordinate with FDOT in the development and implementation of an Intelligent Transportation System (ITS) regional architecture. This activity will involve development of a detailed work program for regional architecture.

### **Long Range Transportation Plan Coordination**

MPO staff will coordinate Long Range Transportation Plan (LRTP) preparation with other planning activities to ensure that the LRTP is fully implemented. Some of the planning activities that will be coordinated with LRTP development include the revision of the County's Capital Improvement Program, preparation of the MPO Priority Projects Report, and review of the City and County Comprehensive Plans. In addition, the MPO will coordinate the LRTP with the ongoing planning activities for the Strategic Intermodal System (SIS). The SIS Needs Plan and Cost Feasible Plan will be updated by FDOT in FY05/06. New projects identified in those efforts will be included in the LRTP Needs Element and Cost Feasible Element as warranted.

The MPO will also coordinate with the Martin and St. Lucie County MPOs to designate a regional multimodal transportation system for prioritizing regionally significant projects.

### **Efficient Transportation Decision Making**

Throughout FY 2005/06, the MPO will actively participate in FDOT's Efficient Transportation Decision Making (ETDM) process, and will enter MPO Long Range Plan and TIP projects into the ETDM database. The MPO will participate in planning and programming level screening analyses by the Environmental Technical Advisory Teams established for this District.

### **2030 Long Range Transportation Plan**

MPO staff will complete development of the LRTP by December 2005. This will include incorporating the results of the Transit Capacity and Quality of Service evaluation into the plan; coordinating with the St. Lucie, Martin, and Brevard County MPOs on regional transportation issues and facilities; finalizing the needs plan of the preferred land use scenario; finalizing the cost feasible plan of the preferred scenario; completing the development of Goals, Objectives, and Policies; and completing and presenting Draft and Final Plans to the MPO. Once adopted,

the projects in the Final Plan will be input into the ETDM planning screen for evaluation by the Environmental Technical Assessment team (ETAT).

Various long-range planning work activities will address FHWA/FTA PEA's. Since the MPO's participation in ETDM will improve environmental coordination and review with respect to proposed transportation projects, this task will directly address the Environmental Streamlining PEA. Through the long-range planning process, this task will also address the Safety and Security in Transportation PEA. Finally, these efforts will contribute to a more reliable and effective planning process, thereby addressing the Enhancing Technical Capacity of Planning Processes PEA.

**END PRODUCTS:**

Development of Final LRTP Needs Plan

Completion: January, 2006\*

**RESPONSIBLE AGENCY:**

Indian River County MPO\*

**FUNDING SOURCES:**

FHWA (PL)	\$180,000	(\$150,000 Consult.)
<b>Total</b>	<b>\$180,000</b>	<b>(\$150,000 Consult)</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County Municipalities  
FDOT

\* - May utilize consultant services

## **UPWP TASK NO: 3.2 - TRANSIT PLANNING**

### **OBJECTIVE:**

To complete a minor update of the MPO's Transit Development Plan (TDP).

To provide technical assistance and guidance to the County in support of Public Transportation planning and transit grant administration activities.

### **PREVIOUS WORK:**

During FY 2001/02, the MPO utilized Section 5303 funds to prepare a major update of its Transit Development Plan (TDP). In FY 2002/03 and 2003/04, the MPO prepared minor TDP updates in accordance with FDOT requirements. In FY 2004/05, the MPO again prepared a TDP major update. This activity involved collecting data, updating numerous transit system service and performance measures, obtaining public input, revising the TDP's goals and objectives, coordinating with other transit service providers in the region, and revising the five year transit financing plan. This task also involved completing a transit service quality assessment (TQLOS).

### **METHODOLOGY:**

#### **TDP Minor Update**

In FY 05/06, the MPO will complete a TDP minor update. This activity will involve collecting data, updating numerous transit system service and performance measures, obtaining public input, and determining compliance with the TDP major update's goals and objectives. This task will also involve updating the transit service quality assessment performed as part of the TDP major update. In so doing, this task will directly address FDOT's PEA on TQLOS.

#### **Boarding and Alighting Analysis**

On a quarterly basis, the MPO will collect boarding and alighting data for all routes on the Indian River Transit system. This information will be used to analyze the productivity of various segments on the IRT system, as well as prioritize locations for future transit infrastructure. This activity will be performed with consultant services.

#### **Transit Infrastructure Database Maintenance/Transit Infrastructure Planning**

On an ongoing basis, the MPO will survey transit routes, review boardings and alightings at strategic locations, identify locations suitable for bus shelters or other transit infrastructure, and maintain and update the database of transit infrastructure developed by FDOT. Transit infrastructure to be monitored includes bus stop signage, benches, shelters, and transit passenger amenities. The MPO will also coordinate with FDOT, Indian River County, and Municipalities to identify new priority locations for future transit infrastructure. In addition, the MPO will assist Indian River County and the Indian River County – Council on Aging in planning for the implementation of transit infrastructure. This may include reviewing available right-of-way and pedestrian connectivity to proposed infrastructure locations; developing design guidelines for transit infrastructure; reviewing local ordinances on signage, benches, and shelters; and assisting implementing agencies in meeting permit requirements.

**Other Transit Planning Activity**

Other transit planning activities will be undertaken by MPO staff during FY 2005/06. One such activity will be to provide technical assistance to the County in order to maintain the County’s eligibility for the continued receipt of Federal and State Mass Transit grant assistance. Other activities will include conducting quarterly meetings between the County and the Transit provider; conducting Transit Advisory Group meetings; monitoring the performance of the transit system on an ongoing basis; maintaining certifications for grant eligibility; and ensuring compliance with FTA and FDOT directives, as appropriate. These monitoring activities address FTA’s PEAs on Safety and Security in Transportation and Transportation Systems Management and Operations. In addition, the county will undertake other transit planning activities, such as engaging in intermodal planning, and coordinating transit planning activities with the St. Lucie, Martin, and Brevard County MPOs. In so doing, the MPO will address FDOT’s PEA on Regional Planning.

**END PRODUCTS:**

TDP minor update, to be completed June 2006.

Transit coordination meetings, to be held quarterly.

Boarding and Alighting Analysis, to be performed quarterly.

TQLOS analysis, to be completed April 2006.

**RESPONSIBLE AGENCY:**

Indian River County MPO\*

**FUNDING SOURCES:**

Local (FY 04/05 Match)	\$ 2,394
Local (FY 05/06 Match)	\$ 5,727
FTA (FY 04/05 5303 Carryover)	\$ 19,154
FTA (New FY 05/06 5303)	\$ 45,815
<b>Total</b>	<b>\$ 73,090</b>
	(\$10,000 Consultant)

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County Municipalities  
Indian River County – Council on Aging  
FDOT

\* - May utilize consultant services

## **UPWP TASK NO: 3.3 - TRANSPORTATION IMPROVEMENT PROGRAM (TIP) DEVELOPMENT**

### **OBJECTIVE:**

To prepare the MPO's 2005 Priority Projects Report.

To review FDOT's FY 2006/07-2010/11 Draft Tentative Five Year Work Program to assess its incorporation of the MPO's 2005 transportation priorities.

To prepare the MPO's FY 2006/07-2010/11 Transportation Improvement Program (TIP) which is to be consistent with FDOT's five-year work program and the MPO's transportation priorities.

To publish FDOT's annual obligations report for Indian River County.

To maintain and amend, as necessary, the MPO's adopted TIP.

### **PREVIOUS WORK:**

The MPO has prepared a TIP and a priority projects report each fiscal year since FY 1992/93. The MPO has also annually reviewed FDOT's draft tentative five- year work program and has coordinated with FDOT to amend the TIP as needed.

### **METHODOLOGY:**

The MPO will prepare and adopt an FY 2006/07-2010/11 TIP that identifies all federal, state, and local funded transportation improvements within the MPO area. Preparation of the FY 2006/07-2010/11 TIP will involve three primary activities. The first activity will be to prepare a 2005 Priority Projects Report. That report will contain prioritized highway projects, enhancement projects (UPWP Task 4.6), CMS projects (UPWP Task 3.4), transit projects, and aviation projects. The second activity will be to review FDOT's FY 2006/07-2010/11 Draft Tentative Five Year Work Program to ensure maximum incorporation of the MPO's adopted priority transportation needs. The third activity will be to utilize FDOT's draft tentative work program and other inputs to prepare the TIP. The TIP preparation process will also involve solicitation of enhancement applications leading towards their prioritization and programming in the Draft Tentative Work Program.

### **2005 Priority Projects Report**

Preparation of the TIP (and FDOT's five year work program) is based on the MPO's annual priority projects report. That report is prepared, in turn, based on several UPWP work products. These include the MPO's LRTP (Task 3.1), CMS program (Task 3.4), Bicycle/Pedestrian Planning Program (Task 4.3), Transit Development Plan (Task 3.2), and others. With respect to the Enhancements priority list, MPO staff will develop a methodology, establish criteria, and collect sufficient data to determine each candidate enhancement project's ability to meet the criteria. Additional inputs used to prepare the priority projects report include local government comprehensive plan transportation elements, the previous year's priority projects report, input from municipal and FDOT staff, and other components.

The MPO's 2005 priority projects report will be developed with input from the public and the MPO's advisory committees. After review and approval by the MPO, the priority projects report will be submitted to FDOT for use in preparing FDOT's FY 2006/07-2010/11 Draft Tentative Five Year Work Program.

### **Tentative Work Program**

In November, FDOT will submit the draft tentative work program to the MPO for review and approval. At that time, MPO staff will prepare and provide to the MPO and its advisory committees an analysis of the extent to which the work program incorporates the MPO's 2005 transportation priorities. After review and approval by the MPO in December, staff will send official notification to FDOT of the MPO's action regarding the draft tentative five-year work program.

### **2006/07 – 2010/11 TIP**

In early 2006, FDOT will provide the MPO with an electronic version of its tentative five-year work program and related information for use in preparing the TIP. As required by FDOT, MPO staff will prepare the TIP's federal and state funded project listings based on this information.

Although not required by state or federal regulations, the MPO will continue to include locally funded project listings within the TIP. This list will be prepared using the MPO's current LRTP, local government comprehensive plans and capital improvements programs, and other inputs. With the use of relational databases and other automation techniques, GIS analysis is also expected to become an increasingly important tool in preparing the TIP.

Upon review and adoption by the MPO and its advisory committees, the FY 2006/07-2010/11 TIP will be distributed as required by the FDOT MPO Administrative Handbook. Continuing past practice, MPO staff will distribute the TIP to local libraries and other community institutions. MPO staff will also continue to coordinate with FDOT to amend the current adopted TIP as needed. In addition, the MPO will upload TIP projects through the ETDM user interface tool for project level screening by the Environmental Technical Assessment (ETAT) team. In so doing this task addressed FHWA's Environmental streamlining PEA

### **Annual Obligations Report**

MPO staff will coordinate with FDOT to develop a listing of projects for which federal funds were obligated in the previous year. This list will then be published, distributed at the MPO's office, posted on the MPO's website, and made available through other means.

### **END PRODUCTS:**

2005 Priority Projects Report, to be completed September 2005.

Analysis of FDOT's FY 2006/07-2010/11 Draft Tentative Five Year Work Program, to be completed December 2004.

Annual Obligations Report, to be published by December 2005.

FY 2006/07-2010/11 Transportation Improvement Program (TIP), a draft of which will be completed May 2006, and a final adopted document which will be completed by July 15, 2006. The TIP will be distributed to FDOT; FHWA; MPO, TAC, and CAC members; and to other interested parties.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$15,000
Local	\$ 0
<b>Total</b>	<b>\$15,000</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County municipalities  
Indian River County Council on Aging (transit provider)  
Treasure Coast Regional Planning Council  
FDOT

## **UPWP TASK 3.4 - CONGESTION MANAGEMENT SYSTEM**

### **OBJECTIVE:**

To implement, update, and periodically monitor the MPO's congestion management system (CMS) by prioritizing and analyzing potential CMS corridors, and identifying needed improvements.

### **PREVIOUS WORK:**

In FY 1996/97, the MPO hired a consultant to assist in developing the MPO's Congestion Management System (CMS). The CMS was completed and fully functional in FY 1997/98.

In FY 1998/99, MPO staff coordinated with County and municipal staff to perform a CMS analysis of the County's transportation system. This process involved two principal tasks. The first task was to assess the performance of the County's arterial and collector roadway system during the previous year. The second task was to perform a CMS analysis on selected priority corridors to identify potential physical improvements. Based on the results of the CMS corridor analysis, MPO staff developed a CMS priority projects list, which was included in the MPO's 1998 Priority Projects Report. MPO staff also prepared a 1998 CMS Report incorporating the results of the roadway system assessment and the CMS priority corridor identification and analysis. This report was distributed to City, County, and FDOT staff and was used by FDOT as the basis to allocate CMS funding for the MPO in its FY 1999/00-2004/05 work program.

Staff also performed CMS analyses in FY 1999/00 and FY 2000/01. In FY 2001/02, MPO staff performed a CMS analysis and developed a CMS priority projects list. Staff also completed its first ever Transit Capacity and Quality of Service (TCQOS) analysis.

In FY 2003/04, MPO staff analyzed and updated the CMS plan that was adopted in 1998. The new CMS plan was completed during 2004/05 and contained recommended strategies for input into the 2004 Priority Projects report.

### **METHODOLOGY:**

#### **Annual CMS Analysis**

MPO staff will undertake a CMS analysis of the County's transportation system. This will involve four principal tasks. The first task will be to assess the performance of the County's arterial and collector roadway system during the previous year. The second task will involve performing a CMS analysis on selected priority corridors to identify potential physical improvements. The third task will involve preparing a CMS priority projects list based on the results of the CMS corridor analysis. The fourth task will involve preparing an annual CMS update report summarizing the results and products of the first three tasks.

Since Congestion Management System activities contribute to efficient transportation planning, this work addresses FHWA's PEAs on Transportation Systems Management and Operations and Enhancing the Technical Capacity of Planning Processes.

Data collected as part of Task 2.2, as well as other applicable data, will be used in preparing CMS analyses of selected corridors. The results of these CMS analyses will be used as inputs in developing the MPO's annual priority projects report and in preparing future TIPs. Recommended CMS improvements may include intersection improvements, ITS improvements, traffic operations improvements, and other small-scale, low cost transportation improvement strategies. Since some of these improvements will address roadways with high crash risks, this task addresses the Safety and Security in Transportation PEA.

**END PRODUCTS:**

CMS update activities, done continuously.

CMS Priority List, to be completed September 2005.

CMS State of the System report, to be completed March 2006.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$ 10,000
Local	\$ 0
<b>Total</b>	<b>\$ 10,000</b>

**PARTICIPATING AGENCIES:**

Indian River County Traffic Engineering Department  
Indian River County municipalities  
FDOT

## **4.0 PROJECT PLANNING**

4.1 Transportation Disadvantaged Program

4.2 Comprehensive Plan Consistency

4.3 Bicycle/Pedestrian Planning Program

4.4 FDOT Project Coordination

4.5 Intergovernmental Coordination

4.6 Greenways and Blueways Planning

4.7 Corridor Studies

4.8 Oslo Road Interchange Justification Report

## **UPWP TASK NO: 4.1 - TRANSPORTATION DISADVANTAGED PROGRAM**

### **OBJECTIVE:**

To provide coordination and planning services for the Indian River County Transportation Disadvantaged (TD) Program, in accordance with Ch. 427 F.S., Rule 41-2 F.A.C.

### **PREVIOUS WORK:**

When the Transportation Disadvantaged program was initially created at the state level, the Indian River County MPO had not yet been established. Consequently, the Indian River County Board of County Commissioners became the Designated Official Planning Agency (DOPA) for the TD program in Indian River County. In that capacity, the county created a Local Coordinating Board, selected a Community Transportation Coordinator (CTC), prepared a Transportation Disadvantaged Service Plan (TDSP), developed operating policies, prepared grant applications, provided administrative services to the LCB, and provided technical assistance to the CTC. In FY 1999/00, MPO staff coordinated with County staff to transfer DOPA designation to the Indian River County MPO.

Since FY 1999/00, MPO staff has served as staff to the DOPA and TDLCB. This has involved undertaking necessary administrative functions as well as coordinating with the CTC. In FY 2004/05, MPO staff managed the process of selecting a CTC, an activity required to be undertaken every six years. Also in FY 2004/05, MPO staff managed the process of performing an annual CTC evaluation and also assisted in the development of the Transportation Disadvantaged Service Plan (TDSP) annual update.

### **METHODOLOGY:**

In FY 2005/06, MPO staff will continue to assist the CTC in its role of providing safe, coordinated TD services to the elderly, disabled, and the economically disadvantaged citizens in all parts of Indian River County. MPO staff will also provide administrative services to the LCB. This will involve preparation of minutes, agendas, grant applications, progress reports, and other products. MPO staff will also assess any legislatively mandated changes to the state TD program and undertake any TD-related activities necessary to comply with any state legislation that may result from the 2004 legislative session.

Because this task involves planning to provide services to a vulnerable sector of the population, as well as extensive public participation activities to all areas of Indian River County, the task addresses two of FHWA/FTA's Planning Emphasis Areas (PEA). These are the Safety and Security in Transportation PEA and the Coordinating Human Services Transportation PEA.

### **END PRODUCTS:**

Grant applications, prepared periodically.

Progress reports, prepared quarterly.

Agendas, completed quarterly.

Meeting minutes, completed continuously.

Annual CTC Evaluation, to be completed by December, 2005.

TDSP Service Plan, to be completed by September, 2005.

Work products will be distributed to the Florida Commission for the Transportation Disadvantaged.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

State TD Trust Fund \$18,000

Local \$ 0

**PARTICIPATING AGENCIES:**

**Total \$18,000**

Indian River County Community Development Dept.

Indian River County TDLCB

Indian River County Council on Aging (transit provider)

FDOT

## **UPWP TASK NO: 4.2 - COMPREHENSIVE PLAN CONSISTENCY**

### **OBJECTIVE:**

To review local comprehensive plan amendments for consistency with state and MPO plans.

To participate in a major update of the Land Use Element of the Indian River County Comprehensive Plan based on the Long-Range Transportation Plan visioning process.

To undertake periodic, small-scale planning reviews as part of the Florida Department of Community Affairs (DCA) Intergovernmental Coordination and Review process.

### **PREVIOUS WORK:**

In previous years, MPO staff reviewed local comprehensive plan amendments as needed and assisted local government staff in the preparation of evaluation and appraisal reports (EAR) and EAR-based amendments for the transportation-related elements of comprehensive plans. During FY 2004/05, MPO staff coordinated with County staff to update the Transportation Element of the County Comprehensive Plan. In so doing, MPO staff evaluated the adopted Transportation Element of the Comprehensive Plan, and updated existing conditions information in the plan with current data as appropriate. Staff also proposed modifications to the Transportation Element to amend the proposed limits of a number of transportation projects in light of county public hearings on the environmental and neighborhood impacts of those projects. Finally, MPO staff participated in a major update of the Land Use Element of the Indian River County Comprehensive Plan. In the course of developing the MPO 2030 Long Range Transportation Plan Update, MPO staff assisted county staff in developing and analyzing land use plan alternative development scenarios. After consideration of several alternatives during the visioning process of the LRTP, a preferred land use scenario was adopted by the MPO's LRTP/Land Use Visioning Oversight Committee. Working in conjunction with county staff, MPO staff then began the process of updating the land use element of the comprehensive plan. Specifically, the MPO provided staff support to County staff by evaluating potential transportation impacts of proposed land use plans and policies. In addition, MPO staff participated in the development of land use plans and policies in order to encourage transportation and land use coordination. The proposed land use plan was then submitted to the Department of Community Affairs (DCA).

### **METHODOLOGY:**

#### **Comprehensive Plan Amendment Review**

MPO staff will review all proposed amendments to the comprehensive plans of Indian River County and each of the municipalities within the County for consistency with state, regional, and MPO plans. Where inconsistencies are identified, those inconsistencies will be compiled into a staff report, which will be submitted to the appropriate local government or review agency. MPO staff will then assist local government staff with revising their comprehensive plans to eliminate the inconsistencies.

### **Land Use Element Update**

In 2005/06, MPO staff will continue to work with county staff to update the land use element of the comprehensive plan by providing data, making presentations, and providing graphical and mapping support to county staff.

### **Other Comprehensive Plan Activities**

MPO staff will undertake periodic, small-scale reviews of various transportation-related matters. These reviews, which are coordinated by the Treasure Coast Regional Planning Council (TCRPC) through DCA's Intergovernmental Coordination and Review (ICAR) process, involve MPO staff review of local government transportation grant applications, capital purchases, and other programs and projects which may impact the Indian River County MPO area. Through the ICAR process, MPO staff will ensure that such programs and projects are consistent with MPO plans and policies. Written comments will be provided to the TCRPC as needed.

In addition, MPO staff will review transportation studies prepared in response to Question 21, Transportation Impacts, of the Development of Regional Impact (DRI) process. Specific areas of analysis required for a DRI transportation study include future traffic impacts (with and without the project), proposed access locations, proposed roadway improvements, and provisions for intermodal and non-motorized transportation. MPO staff will ensure that any proposed DRIs are consistent with MPO plans and policies, and staff will provide written comments to the DRI Coordinator at TCRPC as needed.

### **END PRODUCTS:**

Comprehensive Plan - Transportation Element amendment reviews, to be performed continuously through June 2005 and copies proved to FDOT.

Comprehensive Plan – Land Use Element update technical support, to be completed as needed throughout 2005/06.

Comprehensive Plan Amendment Review, Staff reports, to be prepared periodically. Reports will be distributed to FDOT, FHWA, TCRPC, and MPO, TAC, and CAC members.

ICAR written comments, to be prepared as necessary and distributed to local agencies, TCRPC, and FDOT.

DRI reviews, to be performed as necessary and distributed to local agencies, TCRPC, and FDOT.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$10,000
Local	\$ 0
<b>Total</b>	<b>\$10,000</b>

**PARTICIPATING AGENCIES:**

Indian River County municipalities  
Treasure Coast Regional Planning Council  
FDOT

## **UPWP TASK NO: 4.3 - BICYCLE/PEDESTRIAN PLANNING PROGRAM**

### **OBJECTIVE:**

To continuously review, update, and implement the MPO's Bicycle/Pedestrian Plan.

### **PREVIOUS WORK:**

The first Indian River County MPO Bicycle and Pedestrian Plan was completed in FY 1998/99. Since its adoption, MPO staff has utilized the plan in coordinating with County staff to identify bicycle and pedestrian projects in the unincorporated County, which could be candidate projects for local option sales tax funding. Since FY 1999/00, staff has also utilized the plan to assist in identifying potential transportation enhancement projects. In FY 2000/01, staff utilized the plan to prepare the MPO's 2025 LRTP.

In FY 2004/05, the MPO completed a major update of the Bicycle and Pedestrian Plan. Specific activities performed during the plan update included preparing an inventory of the existing bicycle and pedestrian network; evaluating the prioritization methodology used in the adopted Bicycle/Pedestrian Plan; and identifying future bicycle and pedestrian system improvements. Bicycle and pedestrian crash data were collected and analyzed during the plan update. Based on that data and analysis, bicycle and pedestrian system improvements were identified, and a methodology for prioritizing future improvements was developed.

### **METHODOLOGY:**

#### **Bicycle/Pedestrian Plan Guide and Brochure**

In FY 2005/06, the MPO will create a Bicycle and Pedestrian Network guide and brochure. Specific tasks include developing a map of appropriate bicycle and pedestrian facilities along with the major street network for reference; locating and including on the map major bicycle and pedestrian trip generators (such as parks, schools, and shopping centers); supervising formatting, layout, and publication of the brochure; and distributing the brochure to schools, bicycle shops, and interested parties. As this guide will identify safe and suitable bike/ped facilities, this activity addresses FHWA's PEA on Safety and Security in Transportation Planning.

#### **Other Bicycle/Pedestrian Planning Activities**

MPO staff will continue to periodically review the adopted bicycle and pedestrian plan and perform updates to the plan's system data and bicycle and pedestrian improvement prioritization tables.

Finally, MPO staff will continue to coordinate with state, local governments, and the school board in the MPO planning area and undertake public involvement activities consistent with the Public Involvement Plan to implement improvements from the plan.

### **END PRODUCTS:**

Bicycle and Pedestrian Guide and Brochure, to be completed December 2005.

Staff reports concerning bicycle/pedestrian matters, as needed.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL) \$5,000

Local \$ 0

**PARTICIPATING AGENCIES:**

**Total \$5,000**

Indian River County

Indian River County municipalities

FDOT

## **UPWP TASK NO: 4.4 - FDOT PROJECT COORDINATION**

### **OBJECTIVE:**

To coordinate with FDOT on its projects undertaken within Indian River County.

### **PREVIOUS WORK:**

MPO staff regularly coordinates with FDOT on projects undertaken by FDOT within Indian River County. These involve both planning and roadway improvement projects. During FY 2004/05, MPO staff coordinated with FDOT on the S. R. 60 widening and resurfacing projects, the C.R. 510 PD&E study, U.S. 1 widening and resurfacing projects, the 82<sup>nd</sup> Avenue PD&E study, the I-95 PD&E study, and on many other projects. MPO staff coordination on these projects involved attending meetings, reviewing plans and reports, providing information, making recommendations, and undertaking other activities. In addition, MPO staff attended meetings and reviewed drafts of several other FDOT work products, including functional classification studies and the Strategic Intermodal System Draft Report.

### **METHODOLOGY:**

#### **Road Improvement Project Coordination**

MPO staff will continue to coordinate with FDOT on planning and road improvement projects undertaken by FDOT in Indian River County. In so doing, MPO staff will attend meetings, assist with public involvement activities, review plans, reports and roadway designs, provide data and information, make comments and recommendations, provide project information to the MPO Board and MPO advisory committees, and undertake other coordination activities. Some examples of projects that may require MPO staff coordination include the resurfacing of US1, from 510 to Harrison Street in Sebastian; the widening of SR 60 from I-95 to Osceola County; the widening of 66<sup>th</sup> Avenue from C.R. 510 to S.R. 60; the widening of C.R. 510 from C.R. 512 to U.S. 1; the paving of 82<sup>nd</sup> Avenue from S.R. 60 to C.R. 510; the resurfacing of US 1 from 6<sup>th</sup> Street to 20<sup>th</sup> Avenue; the resurfacing of 16<sup>th</sup>/17<sup>th</sup> Street from Dixie Highway to 11<sup>th</sup> Avenue; the widening of I-95 throughout the county; and the widening of US 1 from 4<sup>th</sup> Street to St. Lucie County.

#### **Other FDOT Coordination Activities**

In FY 2005/06, MPO staff will participate in a variety of other coordination activities with FDOT. MPO staff will assist FDOT's District Planning officials on functional classification studies and analysis. Staff will review draft and final reports, maps and other documents on existing and proposed functional classification systems. MPO staff will also coordinate with FDOT on a number of other projects and activities not included in other UPWP Tasks, including proposed legislation; lane closure announcements; Florida Transportation Plan updates; and access management studies. Specific activities may involve review of plans and documents, provision of data, attendance at meetings and workshops, and distribution of materials.

### **END PRODUCT:**

Written comments to FDOT, MPO, and MPO advisory committees.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$ 8,000
Local	\$ 0
<b>Total</b>	<b>\$ 8,000</b>

**PARTICIPATING AGENCY:**

FDOT

## **UPWP TASK NO: 4.5 - INTERGOVERNMENTAL COORDINATION**

### **OBJECTIVE:**

To coordinate with Indian River County, municipalities, other MPOs, and other public agencies on projects and activities undertaken within Indian River County that are not identified as specific tasks.

### **PREVIOUS WORK:**

MPO staff regularly coordinates with local governments, other MPOs, and other agencies on projects and activities undertaken within or affecting Indian River County. In FY 2004/05, such activities included coordinating with the City of Vero Beach and the Treasure Coast Regional Planning Council on their respective visioning processes; meeting with County and Council on Aging staff to consider transit in the overall transportation planning process, and undertaking many other activities.

With respect to regional coordination, the MPO began implementing several new strategies aimed at improving communications with adjacent MPOs and local governments. This included presenting and discussing regional transportation issues at a joint meeting of the St. Lucie and Indian River County Board of County Commissioners; Attending several regional travel forecast model meetings; Attending several Brevard County and joint St.Lucie/Martin County MPO Meetings; including adjacent MPOs on full MPO agenda packages; and sending MPOoverview newsletters to other MPOs, local governments, and regional planning councils.

### **METHODOLOGY:**

In FY 2005/06, MPO staff will continue to coordinate with various governmental and public agencies on transportation projects and activities affecting Indian River County. In so doing, MPO staff will attend meetings; review plans, reports, and other documents; provide data and information; make comments and recommendations; and undertake other coordination activities as appropriate. Additional coordination with environmental review agencies may result from the MPO's participation in ETDM. This task will include increased emphasis on coordination with the St. Lucie, Martin, and Brevard County MPOs, including attendance at advisory committee meetings and workshops; review of plans and programs; and identification of regional priorities and facilities. Since this task involves regional planning and coordination on projects that extend outside of the urbanized area, the task addresses FDOT's PEA of Regional Planning.

### **END PRODUCT:**

Attendance at various meetings, done continuously.

Provision of data, information, and comments, done continuously.

**RESPONSIBLE AGENCY:**

Indian River County MPO

**FUNDING SOURCES:**

FHWA (PL)	\$10,000
Local	\$ 0
<b>Total</b>	<b>\$10,000</b>

**PARTICIPATING AGENCIES:**

Indian River County

Indian River County municipalities

Other MPOs

Other public agencies

## **UPWP TASK NO: 4.6 – GREENWAYS AND BLUEWAYS PLANNING**

### **OBJECTIVE:**

To develop an Indian River County Greenways/Blueways Plan.

### **PREVIOUS WORK:**

For the last several years, the State of Florida has been working on establishing a statewide system of greenways, blueways (waterways), and trails for transportation, recreation and conservation purposes. Both the Florida Department of Environmental Protection (FDEP) and the Florida Department of Transportation (FDOT) have encouraged the improvement of these natural corridors in order to provide access to conservation lands, communities, parks, other recreational facilities, and cultural and historic sites. Often, greenways and blueways form a natural network, with minimal right-of-way acquisition impacts, ideally suited to non-motorized vehicular traffic.

Two such facilities, the state-designated Jungle Trail Greenway and the Indian River Lagoon Blueway, are located wholly or partially in Indian River County and have been formally recognized and included into the state system of greenways and trails. Apart from these two corridors, Indian River County has many other greenways, blueways, and trails candidates that have not been formally recognized by the State but that do function within the County as greenways and blueways as defined by the Department of Environmental Protection. These natural corridors represent a local opportunity similar to the statewide network being established by the State of Florida's Greenways and Trails Program.

During 2003/04, staff completed a Scope of Services to develop an MPO Greenways Plan. Despite having completed a scope of services, staff was unable to successfully negotiate a work order with the General Planning Consultant for the activities included in the scope.

### **METHODOLOGY:**

In FY 2005/06, MPO Staff will revise the initial scope of services and finalize negotiations to develop a Greenways/Blueways Plan for Indian River County using consultant services. The Greenways/Blueways Plan will provide for the connection of recreation and conservation areas across the County and will identify candidate corridors for greenway, blueway, and/or recreational trail enhancement projects. Specific plan development activities will include preparing a detailed and comprehensive inventory of the existing greenways, blueways, and trails in the County; identifying corridors that are candidates for a greenway, blueway, and/or trail enhancement; and developing a strategy for connecting these recreational and conservation corridors to the existing bicycle, pedestrian, and road network.

The results of these activities will be used to prioritize potential greenways, blueways, and trails candidates for funding under various programs. Once completed, the Greenways/Blueways Plan will be used in the land acquisition efforts performed by the County's Environmental Lands Program.

Since the greenways network will form a safe alternative for non-motorized transportation, this task also addresses FDOT's PEA on Bicycle/Pedestrian Safety through Planning.

**END PRODUCTS:**

Greenways/Blueways Plan, to be completed by June, 2006.

**RESPONSIBLE AGENCY:**

Indian River County MPO\*

**FUNDING SOURCES:**

FHWA (PL)	\$70,000 (\$60,000 consultant exp.)
Local	\$10,000
<b>Total</b>	<b>\$80,000</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County Municipalities

\* - May utilize consultant services

## **UPWP TASK NO: 4.7 – CORRIDOR STUDIES**

### **OBJECTIVE:**

To provide detailed safety and traffic flow analyses along major corridors in Indian River County.

### **PREVIOUS WORK:**

In FY 2004/05, the MPO completed its Congestion Management System (CMS) Plan update. One CMS plan strategy is to undertake detailed corridor studies to address congestion and safety issues on a corridor-wide basis. One corridor that was studied as part of the plan was SR 60 from the Merrill Barber Bridge to Royal Palm Place/Blvd. Conceptual plans were developed to address the primary cause of delay in the corridor, the five points intersection.

### **METHODOLOGY:**

#### **Corridor Studies**

In FY 2005/06, MPO staff will manage, coordinate with and/or assist local governments in undertaking detailed corridor studies for major congested or unsafe corridors in Indian River County. Corridor studies may result in strategies that emphasize safety, congestion relief, intermodal activity or some combination of the above, depending on the individual corridor's challenges. Specific data collected and analyzed in the course of developing a corridor study will include average daily traffic, turning movements, Signal Timing and Synchronization, crash rates per million entering vehicles, corridor and intersection geometry, rights-of-way, intermodal routes and infrastructure, and other information. With respect to safety improvements that may result from these studies, this Task will address the FHWA PEA on Safety and Security in the Planning Process.

Since corridor studies involve extensive data collection, field review, and analysis, these studies will involve consultant services.

In FY 2005/06, MPO staff will work with City of Vero Beach staff and County staff to study congested corridors in Indian River County. These studies may be let as separate contracts or may be incorporated into larger planning studies such as the Long Range Transportation Plan or the Transit Development Plan. These corridors may include: US1/Indian River Boulevard, 4<sup>th</sup> Street to 53<sup>rd</sup> Street; Twin Pairs portion of SR60 in Vero Beach; and US 1 in the Vero Beach City Limits. It is anticipated that this task will require \$40,000 in PL funds, \$30,000 of which will be used for consultant services.

### **END PRODUCTS:**

Corridor studies for various congested corridors in Indian River County, to be developed throughout 2005/06.

### **RESPONSIBLE AGENCY:**

### **FUNDING SOURCES:**

Indian River County MPO\*

FHWA (PL)	\$40,000 (\$30,000 consult.)
Local	\$ 0
<b>Total</b>	<b>\$40,000 (FY 2005/06)</b>

**PARTICIPATING AGENCIES:**

Indian River County  
Indian River County municipalities  
FDOT

\* - May utilize consultant services

**UPWP TASK NO: 4.8 – INTERCHANGE JUSTIFICATION REPORT FOR OSLO ROAD/INTERSTATE 95**

**OBJECTIVE:**

To prepare an Interchange Justification Report (IJR) for a proposed interchange at Oslo Road (9<sup>th</sup> Street SW) and Interstate 95.

**PREVIOUS WORK:**

In FY 1999/00, the MPO completed an IJR for a proposed interchange at Oslo Road and Interstate 95. Results from that IJR indicated that there was not a need for an interchange at that time. Since completion of that IJR, the MPO has updated its Long Range Transportation Plan (LRTP). As a result, the proposed interchange continues to be part of the MPO’s LRTP. The interchange is included in the 2016-2020 interim year improvement set of the MPO’s current 2025 LRTP.

In the Spring of 2005, FDOT issued a request for proposals to complete a Project Development and Environmental (PD&E) Study for the widening of I-95 from St. Lucie County through Brevard County. Included in the scope of that PD&E study is development of a new IJR report for Oslo Road. The study itself will begin late in the fourth quarter of FY 2004/05.

**METHODOLOGY:**

As a planning study report, the IJR will examine the need for the proposed interchange and issues associated with the interchange. The project will be managed by FDOT and completed with the services of a consultant. The procedures of FDOT and FHWA will be followed throughout the preparation of the IJR. MPO staff will participate extensively in the study by supplying information, reviewing interim and final work products, and presenting findings to the MPO and its advisory committees.

In addition, MPO staff may be requested to assist FDOT in a number of administrative and project management tasks, including disseminating public information and facilitating public meetings. Due to the size and scope of the IJR, this project will be a multi-year effort. Preparation of the IJR will adhere to the requirements of FDOT’s *Interchange Request Development and Review Manual*.

**END PRODUCTS:**

Completed Interchange Justification Report, December 2006.

**RESPONSIBLE AGENCY:**

FDOT\*

**FUNDING SOURCES:**

FHWA (PL)	\$ 5,000
FDOT	\$ 135,000
Local	\$ 0
<b>Total</b>	<b>\$140,000 (FY 2005/06)(PL+FDOT)</b>

**PARTICIPATING AGENCIES:**

Indian River County MPO

Indian River County

Indian River County municipalities

\* - May utilize consultant services

**Table 1  
Agency Participation Table  
Fiscal Year 2005/06 UPWP**

Task Description	Local		State		Federal			Summary			
	MPO*	Other**	FDOT	TDC	FHWA	FTA	FAA	Federal	State	Local	Total
1.1 Program Management	0	0	0	0	27,000	0	0	27,000	0	0	27,000
Computer Equipment	0	0	0	0	0	0	0	0	0	0	0
1.2 UPWP Devel	0	0	0	0	10,000	0	0	10,000	0	0	10,000
1.3 St Match PL 112	0	0	110,498	0	0	0	0	0	110,498	0	110,498
1.4 St Match Sec 5303	0	0	8,121	0	0	0	0	0	8,121	0	8,121
1.5 Staff Training	0	0	0	0	9,000	0	0	9,000	0	0	9,000
1.6 Public Involvement	0	0	0	0	20,000	0	0	20,000	0	0	20,000
2.1 LU/SE Data	0	0	0	0	18,000	0	0	18,000	0	0	18,000
2.2 Traffic Count/Transp Data Coll	92,910	0	0	0	50,000	0	0	50,000	0	92,910	142,910
Traffic Counting Equipment	0	0	0	0	0	0	0	0	0	0	0
2.3 GIS Data Analysis	0	0	0	0	15,000	0	0	15,000	0	0	15,000
3.1 Long Range Plng	0	0	0	0	180,000	0	0	180,000	0	0	180,000
3.2 Transit Plng	0	8,121	0	0	0	64,969	0	64,969	0	8,121	73,090
3.3 TIP Devel	0	0	0	0	15,000	0	0	15,000	0	0	15,000
3.4 CMS	0	0	0	0	10,000	0	0	10,000	0	0	10,000
4.1 Transp Disadv	0	0	18,000	0	0	0	0	0	18,000	0	18,000
4.2 Comp Plng	0	0	0	0	10,000	0	0	10,000	0	0	10,000
4.3 Bike/Ped Plng	0	0	0	0	5,000	0	0	5,000	0	0	5,000
4.4 FDOT Project Coordination	0	0	0	0	7,000	0	0	7,000	0	0	7,000
4.5 Intergovernmental Coordination	0	0	0	0	10,000	0	0	10,000	0	0	10,000
4.6 Greenways and Blueways Planning	10,000	0	0	0	70,000	0	0	70,000	0	10,000	80,000
4.7 Corridor Studies	0	0	0	0	40,000	0	0	40,000	0	0	40,000
4.8 Oslo Road IJR	0	0	150,000	0	5,000	0	0	5,000	150,000	0	155,000
<b>TOTAL</b>	<b>102,910</b>	<b>8,121</b>	<b>286,619</b>	<b>0</b>	<b>501,000</b>	<b>64,969</b>	<b>0</b>	<b>565,969</b>	<b>286,619</b>	<b>111,031</b>	<b>963,619</b>

\* The required match for PL funds for fiscal year 2005/06 will be met through an FDOT/FHWA agreement to use toll revenue expenditures as a credit toward the non-Federal matching share.

\*\* "Other" indicates local matches for tasks (or components of tasks) not funded with federal PL 112 funds.



**Table 2  
Funding Source Table  
Fiscal Year 2005/06 UPWP**

Task Description	Section 112			FTA Section 5303			FAA, TDC, & Other			Summary		
	Federal	State*	Local*	Federal	State	Local	Federal	State	Local	Federal	State	Local
	81.930%	18.070%		80%	10%	10%						
1.1 Program Mgmt	27,000	0	0	0	0	0	0	0	0	27,000	0	0
Computer Equipment	0	0	0	0	0	0	0	0	0	0	0	0
1.2 UPWP Devel	10,000	0	0	0	0	0	0	0	0	10,000	0	0
1.3 St Match PL 112	0	110,498	0	0	0	0	0	0	0	0	110,498	0
1.4 St Match Sec 5303	0	0	0	0	8,121	0	0	0	0	0	8,121	0
1.5 Training	9,000	0	0	0	0	0	0	0	0	9,000	0	0
1.6 Public Involvement	20,000	0	0	0	0	0	0	0	0	20,000	0	0
2.1 LU/SE Data	18,000	0	0	0	0	0	0	0	0	18,000	0	0
2.2 Traffic Count/Transp Data Coll	50,000	0	92,910	0	0	0	0	0	0	50,000	0	92,910
Traffic Counting Equipment	0	0	0	0	0	0	0	0	0	0	0	0
2.3 GIS Data Analysis	15,000	0	0	0	0	0	0	0	0	15,000	0	0
3.1 Long Range Plng	180,000	0	0	0	0	0	0	0	0	180,000	0	0
3.2 Transit Plng	0	0	0	64,969	0	8,121	0	0	0	64,969	0	8,121
3.3 TIP Devel	15,000	0	0	0	0	0	0	0	0	15,000	0	0
3.4 CMS	10,000	0	0	0	0	0	0	0	0	10,000	0	0
4.1 Transp Disadv	0	0	0	0	0	0	0	18,000	0	0	18,000	0
4.2 Comp Plng	10,000	0	0	0	0	0	0	0	0	10,000	0	0
4.3 Bike/Ped Plng	5,000	0	0	0	0	0	0	0	0	5,000	0	0
4.4 FDOT Proj Coordination	7,000	0	0	0	0	0	0	0	0	7,000	0	0
4.5 Intergovernmental Coordination	10,000	0	0	0	0	0	0	0	0	10,000	0	0
4.6 Greenways and Blueways Planning	70,000	0	10,000	0	0	0	0	0	0	70,000	0	10,000
4.7 Corridor Studies	40,000	0	0	0	0	0	0	0	0	40,000	0	0
4.8 Oslo Road IJR	5,000	0	0	0	0	0	0	150,000	0	5,000	150,000	0
<b>TOTAL</b>	<b>501,000</b>	<b>110,498</b>	<b>102,910</b>	<b>64,969</b>	<b>8,121</b>	<b>8,121</b>	<b>0</b>	<b>168,000</b>	<b>0</b>	<b>565,969</b>	<b>286,619</b>	<b>111,031</b>

\* The required match for PL funds for fiscal year 2005/06 will be met through an FDOT/FHWA agreement to use toll revenue expenditures as a credit toward the non-Federal matching share.

**Table 3  
Estimate of Total Expenditures  
for Prior Fiscal Year (2004/05) UPWP**

Task Description	Section 112			FTA Section 5303			FAA, TDC, & Other			Summary		
	Federal	State*	Local*	Federal	State	Local	Federal	State	Local	Federal	State	Local
	81.930%	18.070%	18.070%	80%	10%	10%						
1.1 Program Mgmt	31,000	0	0	0	0	0	0	0	0	31,000	0	0
Computer Equipment	0									0	0	0
1.2 UPWP Devel	5,000	0	0	0	0	0	0	0	0	5,000	0	0
1.3 St Match PL 112	0	136,176	0	0	0	0	0	0	0	0	136,176	0
1.4 St Match Sec 5303	0	0	0	0	0	0	0	0	0	0	0	0
1.5 Training	8,000	0	0	0	0	0	0	0	0	8,000	0	0
1.6 Public Involvement	30,000	0	0	0	0	0	0	0	0	30,000	0	0
2.1 LU/SE Data	27,000	0	0	0	0	0	0	0	0	27,000	0	0
2.2 Traffic Count/Transp Data Coll	106,425	0	0	0	0	0	0	0	0	106,425	0	0
Traffic Counting Equipment	40,266	0	0	0	0	0	0	0	0	40,266	0	0
2.3 GIS Data Analysis	20,000	0	0	0	0	0	0	0	0	20,000	0	0
3.1 Long Range Plng	335,000	0	0	0	0	0	0	0	0	335,000	0	0
3.2 Transit Plng	3,000	0	0	30,000	0	3,000	0	0	0	33,000	0	3,000
3.3 TIP Devel	10,000	0	0	0	0	0	0	0	0	10,000	0	0
3.4 CMS	5,000	0	0	0	0	0	0	0	0	5,000	0	0
4.1 Transp Disadv	0	0	0	0	0	0	0	18,000	0	0	18,000	0
4.2 Comp Plng	10,000	0	0	0	0	0	0	0	0	10,000	0	0
4.3 Bike/Ped Plng	6,500	0	0	0	0	0	0	0	0	6,500	0	0
4.4 FDOT Proj Coordination	10,000	0	0	0	0	0	0	0	0	10,000	0	0
4.5 Intergovernmental Coordination	8,500	0	0	0	0	0	0	0	0	8,500	0	0
4.6 Greenways Planning	1,000	0	0	0	0	0	0	0	0	1,000	0	0
4.7 Corridor Studies	2,000	0	0	0	0	0	0	0	0	2,000	0	0
4.9 Oslo Road Interchange Justification	2,000	0	0	0	0	0	0	0	0	2,000	0	0
<b>TOTAL</b>	<b>620,425</b>	<b>136,176</b>	<b>0</b>	<b>30,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>18,000</b>	<b>0</b>	<b>690,691</b>	<b>154,176</b>	<b>3,000</b>

\* The required match for PL funds for fiscal year 2004/05 was met through an FDOT/FHWA agreement to use toll revenue expenditures as a credit toward the non-Federal matching share.

**Table 4**  
**TEA-21 Planning Factors Matrix**  
**Fiscal Year 2005/06 UPWP**

UPWP Task	TEA-21 Planning Factors						
	Support the economic vitality of the metro. area, esp. by enabling global compet., productivity, and efficiency.						
	Increase the safety/security of the transportation system for motorized/nonmotorized users.						
	Increase the accessibility and mobility options available to people and for freight.						
	Protect/enhance the environment, promote energy conservation, and improve quality of life.						
	Integration/connectivity of the transportation system for people and freight.						
	Promote efficient system management and operation.						
	Emphasize preservation of existing transportation system.						
1.1 Program Management	X					X	
1.2 UPWP Development	X	X	X	X	X	X	X
1.3 State Match - PL 112	X	X	X	X	X	X	X
1.4 State Match - Sec 5303			X	X	X	X	
1.5 Training		X			X	X	
1.6 Public Involvement		X	X	X		X	
2.1 LU/SE Data						X	
2.2 Traff Count/Transp Data						X	
2.3 GIS Data Analysis	X				X		
3.1 Long Range Plng	X	X	X	X	X	X	X
3.2 Transit Plng		X	X	X	X	X	X
3.3 TIP Devel	X	X	X	X	X	X	X
3.4 CMS	X	X	X	X	X	X	X
4.1 Transp Disadv			X				
4.2 Comp Plng		X		X	X	X	X
4.3 Bike/Ped Plng		X	X	X	X	X	
4.4 FDOT Proj Coordination	X	X	X	X	X	X	X
4.5 Intergovernmental Coord	X	X	X	X	X	X	X
4.6 Greenways Plng		X	X	X	X		
4.7 Corridor Studies	X	X				X	X
4.8 Oslo Road IJR	X		X		X		X

**Table 5  
Relationship of UPWP Tasks  
Fiscal Year 2005/06 UPWP**

		Data Coll/Surveillance			Systems Planning				Project Planning							
		LU/SE Data	Traff Count/Transp Data	GIS Data Analysis	Long Range Plng	Transit Plng	TIP Devel	CMS	Transp Disadv	Comp Plng	Bike/Ped Plng	FDOT Proj Coordination	Intergovernmental Coord	Greenways/Blueways Planning/Misc./Other Projects	Corridor Studies	Oslo Road IJR
		2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
Data Coll/Surv	2.1	LU/SE Data		X	X	X				X	X	X	X	X	X	X
	2.2	Traff Count/Transp Data		X	X	X	X	X		X	X	X	X	X	X	X
	2.3	GIS Data Analysis				X	X	X		X	X	X	X	X	X	X
Systems Planning	3.1	Long Range Plng		X		X	X	X		X	X		X	X	X	X
	3.2	Transit Plng		X		X	X	X	X	X	X		X	X		
	3.3	TIP Devel		X		X	X	X		X	X	X	X	X	X	X
	3.4	CMS				X	X	X		X	X			X		
Project Planning	4.1	Transp Disadv				X	X		X							
	4.2	Comp Plng				X	X	X	X		X		X		X	X
	4.3	Bike/Ped Plng			X	X	X	X					X	X	X	
	4.4	FDOT Proj Coordination	X	X		X	X	X		X	X		X	X		
	4.5	Intergovernmental Coordination	X	X		X	X				X			X		
	4.6	Greenways Plng				X	X	X		X	X		X			X
	4.7	Corridor Studies				X	X	X	X	X	X	X	X			
	4.8	Oslo Road IJR				X	X	X		X		X			X	

This table shows the relationship of non-administrative UPWP tasks to other non-administrative UPWP tasks.

The "X" symbol denotes cases in which the products from the tasks listed by row are used in the tasks listed by column.

**Appendix A**  
**CERTIFICATION**  
**OF**  
**RESTRICTIONS ON LOBBYING**

I, Gary C. Wheeler, MPO Chairman, hereby certify on behalf of the Indian River County  
(name and title of grantee official)

Metropolitan Planning Organization that:  
(name of grantee)

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Executed this 11th day of May, 2005.

  
\_\_\_\_\_  
MPO Chairman

By:

Chairman, Indian

River County Metropolitan Planning Organization  
(title of authorized official)

Appendix B  
DEBARMENT AND SUSPENSION CERTIFICATION

As required by U.S.D.O.T. regulations on Government wide Debarment and Suspension at 49 CFR 29.510

- (1) The Indian River County MPO hereby certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
  - (b) Have not, within a three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connecting with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction; violation of Federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses listed in paragraph (b) of this certification; and
  - (d) Have not, within a three-year period preceding this certification, had one or more public transactions (federal, state or local) terminated for cause or default.
- (2) The Indian River County MPO also hereby certifies that if, later, it becomes aware of any information contradicting the statements of paragraphs (a) through (d) above, it will promptly provide that information to the U.S.D.O.T.

  
MPO Chairman

\_\_\_\_\_  
May 11, 2005  
Date

## **Appendix C**

### **FDOT District Four Planning Activities**

#### **Air Quality Analysis**

Assist the MPOs in performing Air Quality Conformity Determination Analysis on their Long Range Transportation Plans (LRTP), Transportation Improvements Programs, and associated amendments. Assist the MPOs in evaluating the air quality impacts of individual transportation improvements and programs, including proposed Congestion Mitigation Air Quality (CMAQ) projects.

#### **Bicycle and Pedestrian Activities**

Develop a comprehensive database of bicycle and pedestrian facilities on the State Road system. Identify and prioritize opportunities to add bicycle and sidewalk accommodations to resurfacing and capacity projects. Develop and submit priority bicycle and pedestrian needs for future funding under various state and federal grant programs.

#### **Community/Government Liaison**

Provide policy direction, technical assistance, and administrative support to District Four MPOs, MPO Boards, MPO advisory committees, local governments, and communities. Assist MPOs in conducting effective, on-going transportation planning programs and processes to develop, implement, and maintain plans and programs that are consistent and meet state and federal requirements. Programs and plans include the Unified Planning Work Program, Transportation Improvement Priorities, Transportation Improvement Program, LRTP, Public Involvement Plan, and other plans and policy documents, as applicable. Conduct Joint Certification with the MPOs. Coordinate and ensure implementation of the Transportation Enhancement (SE) and CMAQ programs.

#### **Corridor Planning Studies**

Conduct studies to identify and evaluate travel issues on major travel corridors and the effectiveness and impacts of proposed alternatives to address those problems and issues. The results may range from a set of recommended improvements that address specific problems to a comprehensive action plan for improving the corridor.

On FIHS corridors, these studies include the development of strategies and plans for implementing and maintaining FIHS standards such as those for Level of Service, interchange spacing, and access management.

#### **Design Traffic Forecast**

Develop and update traffic projections for state highway corridors and supporting regional roadways. These traffic projections are necessary to support the road design for capacity and operational improvements and the pavement design for resurfacing.

#### **Developments of Regional Impact (DRI)**

Evaluate applications for proposed DRIs to determine if proposed development causes significant and adverse impacts to regional roads in the DRI study area. Coordinate with the Department of Community Affairs, the Treasure Coast Regional Planning Council, the affected local government, and the developer regarding required mitigation for DRI impacts to regional roads. Evaluate proposed changes to approved DRIs to determine the impacts of the proposal and whether additional mitigation is required. Coordinate with agencies and individuals regarding changes to mitigation plans and other DRI issues related to the multimodal transportation system. Coordinate regarding DRIs with other Departments in the District Four office as needed.

### **Efficient Transportation Decision Making (ETDM) Process**

The Efficient Transportation Decision Making (ETDM) process is designed to accomplish the streamlining objectives identified in Section 1309 of the Transportation Efficiency Act for the 21st Century. The District ETDM Coordinator will coordinate training and provide guidance to the MPO's and District staff on the implementation of the ETDM process.

### **Intelligent Transportation Systems (ITS) Planning**

The Department will coordinate with the MPOs to incorporate the ITS program in their plan and to structure ITS into their respective organizations. These ITS planning activities include developing an ITS Management Plan and an ITS Program Plan for each county, developing the MPOs capability to manage the Regional ITS Architecture, and developing ITS programs and projects for the MPOs' Long Range Transportation Plan and Transportation Improvement Program. Further, this support includes integrating intra-regional ITS deployment and operations as well as assuring that intra-regional and inter-regional operations are coordinated.

### **Joint Participation Agreements and Local Agency Program**

Develop, coordinate, and review Joint Participation Agreements and Local Agency Program agreements with MPOs, local and county government staff.

### **Level of Service**

Identify state roadways that have a deficient Level-of-Service for existing and future conditions; determine the level of need and the timing of improvements. Assist county staff in the update of their Level-of-Service analysis to current conditions, Level-of-Service issues, and training. Review and participate in the development of Action Plans/Corridor studies to address Level-of-Service issues.

### **Local Government Comprehensive Plan Reviews**

Evaluate proposed local government comprehensive plans, plan amendments, and Evaluation and Appraisal Reports which determine the effectiveness of a comprehensive plan, in order to determine consistency with Florida growth management laws and rules related to multimodal transportation, with emphasis on protecting the Florida Intrastate Highway System and the Strategic Intermodal System. Coordinate with the Department of Community Affairs, the Regional Planning Councils, the Metropolitan Planning Organizations, and local governments regarding issues related to comprehensive planning. Coordinate comprehensive plans and planning issues with other departments in the District Four office as needed.

### **Long Range Transportation Plan Update and Maintenance**

Provide technical assistance and policy direction to the District Four MPOs in developing, updating, and maintaining their LRTP through a coordinated and consistent effort using a single regional travel demand forecasting model, a single regional planning database, and a mutually agreed upon set of modeling and planning assumptions. Provide state and federal revenue forecasts and district transportation costs.

Conduct corridor studies, sub-area studies, and special transportation studies to support the ongoing maintenance, update, and implementation of the MPOs adopted LRTPs. This includes modeling support and other technical assistance, as needed, for Project Development and Environment and other special studies.

Develop, validate, and maintain a set of systems planning models, land use allocation models, and other analytical tools needed by the Department and MPOs to maintain their LRTPs and other planning studies and analyses. Models are used to validate the Treasure Coast Regional Planning Model, including initial design and development of enhancements and initial testing of model performance and also validate special modeling techniques and analysis methodologies, as needed, for corridor, sub-area, and special transportation studies.

### **Mapping/Database Development**

Create maps of the District's Highways and Bridges using a geographic information system (ARCview software) to produce specific projects and special projects on an ongoing basis.

Update and maintain the GIS database including the AADT's from 2001 to the 2002 count volumes and the recalculation of the associated k-factors, d-factors, and peak hour factors.

Review thematic GIS generated maps, including level of service, access management, lanes, posted speed limit, AADT, etc., and adjust the source data information. Create maps of the District's multi-modal facilities using GIS.

### **Multi-modal Systems**

The Multi-Modal Systems office provides policy guidance, technical assistance, and research to District agencies, MPOs, and other agencies regarding the administration of state and federal grants that support economic growth by providing various multi-modal opportunities. Monitors and provides input regarding state and federal legislative activity related to transportation and reviews and analyzes the availability of innovative financing methods and techniques.

### **Multi-modal Transportation Studies**

Conduct or provide technical assistance for corridor studies, sub-area studies, and other special transportation analysis needed to identify local travel patterns and transportation needs and to evaluate and recommend improvements to meet those needs. The specific studies will be identified as needs arise.

Coordinate District Public Involvement and participate in the development and implementation of the Strategic Intermodal System.

### **Regional Transportation Planning Coordination**

Support and participate in all levels of regional coordination and proposed activities among District Four's MPOs and provide on-going technical and policy advisory assistance to the MPOs in the development of regional planning products.

Maintain a database of existing (2000) socioeconomic and travel characteristics for District MPOs, including information on population, dwelling units, hotel/motel units, employment, current land uses, traffic counts, transit usage, special generators activity, and other variables essential to the validation and operation of the Treasure Coast Regional Planning Model. Also, monitor and conduct roadway jurisdictional transfers.

### **Travel Characteristics**

Prepare and conduct surveys and analyses to maintain a current set of travel characteristics of the District Four area needed to validate planning models and provide needed data for plan updates, corridor and sub-area studies, and special transportation studies.

F:\Community Development\Users\MPO\UPWP\0506\0506 Indian River County UPWP Final Draft.doc

**Attachment 2.**

**Indian River County MPO 2005/06 UPWP**

**Agency Comment Summary Sheet**

<b>AGENCY</b>	<b>COMMENT</b>	<b>MPO RESPONSE</b>
FDOT – Office of Modal Development	1. Introduction -Page, viii History/Background – New MPO interlocal agreements were executed and recorded in 2002 and 2004 - please add in order to reflect population changes from the year 2000 Census and reinforce the MPO’s commitment to increase regional coordination.	Revised text.
	2. Introduction - Page ix, Past UPWP Activities - Task 4.9 Greenways Planning – Please change to task number 4.6 as well as add task number 4.7, Corridor Studies	Revised text.
	3. Introduction - Page ix, Level of Effort – Paragraph 2 – in the Vero Beach-Sebastian Area- please add- and conduct expanded regional coordination.	Revised text.
	4. Introduction – Page x, specify outreach techniques. What does outreach generally include?	Revised text.
	5. Introduction- Organization and management Page, xiii – Bicycle/Pedestrian Advisory Committee should represent variety of community interests.	Interests currently represented. Revised text.
	6. Cover Pages- Please use FPN and FAP numbers identified in the Subject above.	Revised text.
	7. Organization and Management- Please note that the make-up of the CAC must reflect a broad cross section of local residents.	Revised text.
	8. Organization and Management- Make it clear that the MPO and its staff operate under statues and procedures set forth by the State of Florida and the federal government.	Revised text.
	9. Task 1.1 Computer Supplies and Equipment— please be more specific on software.	Revised text.

	10. Task 1.2 – Program Development Methodology – In the last paragraph please provide more detail on the deobligation timeframe.	Revised text.
	11. Task 1.6 – Public Involvement– Previous Work – This task should include CRTP/visioning project at the end of paragraph 4	Revised text.
	12. Task 1.6 page 11 – Methodology – please add note that the items are also available on the MPO website; access for the disabled will be maintained; MPO will collaborate with adjacent MPOs to seek opportunities to participate in regional public involvement activities.	Revised text.
	13. Task 1.6 page 12 –Methodology –LRTP Public Involvement- Please note that the strategies may also include television and radio announcements.	Revised text.
	14. Task 2.2 – Methodology – Traffic Count data – estimate percent use of data by MPO and by County and divide task accordingly	Coordinating with Traffic Engineering.
	15. Task 3.1 – Revise Long Range Transportation Plan Coordination section to indicate coordination with Martin & St. Lucie MPO’s to designate a regional multimodal transportation system for prioritizing regionally significant projects	Revised text.
	16. Task 3.2 – Please explain how coordination with other modes (e.g., bicycles) and specialized transportation services will occur.	Revised text.
	17. Task 3.3 – Methodology- Please add, “The TIP preparation process will also involve solicitation of enhancement applications leading towards their prioritization and programming in the Draft Tentative Work Program.	Revised text.
	18. General/Textual Comments	Informational Comments noted and/or included.
FTA Comments	1. Specify consultant activity under “responsible agency” as well as under methodology.	Revised text.
	2. Note regional public transportation involvement activities.	Included in Task 1.6, Public Involvement.

FHWA Comments	1. The FAP number shown on the cover should be: FAP PL 0418 (43)	Revised text.
	2. Task 2.2-page 12- Traffic Count & Transportation Data Collection and Analysis- What is the cost to the County and is the \$50,000 the full cost? Proportional costs related to anticipated benefits should be considered.	Revised text.
	3. Task 4.6-page 47- Greenways & Blueways Planning- What is the total amount for the study? Other partners and entities with these interests should consider partial funding.	Revised text.
	4. Table I- page 53- Consult the latest funding tables from FDOT to verify total PL fund projection is equal or less than estimated funding.	No action required.
	5. Please note-Tasks indicating consultant participation should provide enough detail about what the consultant responsibilities are concerning the activities to be undertaken using federal-aid funds.	No action taken.

**INDIAN RIVER COUNTY, FLORIDA**

**M E M O R A N D U M**

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**TO:** Members of the MPO Technical Advisory Committee (MPOTAC)

**THROUGH:** Robert M. Keating, AICP  
Community Development Director

**FROM:** Phillip J. Matson  
MPO Staff Director

**DATE:** April 10, 2006

**SUBJECT: STATUS REPORT OF MPO ADVISORY COMMITTEES**

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It is requested that the information presented herein be given formal consideration at the MPOTAC meeting of April 28, 2006.

**MPOCAC MEETING**

The MPO Citizens Advisory Committee (MPOCAC) met on February 28, 2006. The primary topic of discussion was the Aviation Boulevard Extension Corridor Study Scope of Services. After considering the Scope of Services, the MPOCAC recommended approval of the Scope of Services to the MPO.

**MPO MEETING**

The Metropolitan Planning Organization (MPO) met on March 8, 2006. The topics of discussion were the Interlocal Agreement for Regional Transportation Planning and the Aviation Boulevard Extension Corridor Study Scope of Services. After hearing a discussion, the MPO approved the Interlocal Agreement and the Scope of Services.

**BAC MEETING**

There have been no meetings of the MPO Bicycle Advisory Committee (MPOBAC) since the February 24, 2006 MPOTAC meeting.

**UPCOMING MEETINGS**

The MPO and its advisory committees will next meet as follows:

**MPOTAC Meeting: May 26, 2006 – 10:00 am**

**MPOCAC Meeting: June 6, 2006 – 2:00 pm**

**MPO Meeting: May 3, 2006 – 10:00am**  
**BAC Meeting: TBA**

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