

# **FY 1999 Unified Planning Work Program for Transportation**

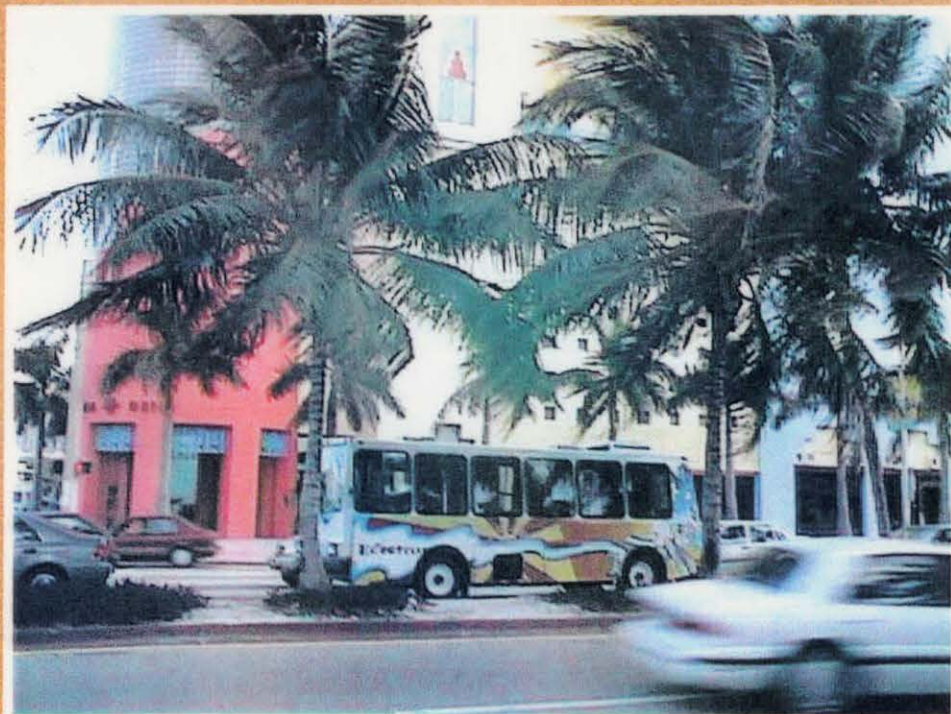
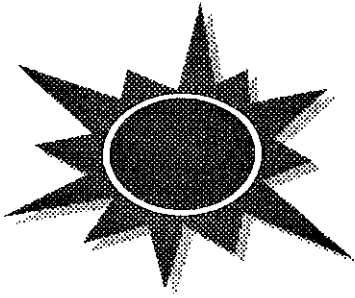


photo: Electrowave shuttle in Miami Beach







# **UNIFIED PLANNING WORK PROGRAM for TRANSPORTATION**

*ADOPTED  
JUNE 2, 1998*



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**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI  
URBANIZED AREA  
1999 UNIFIED PLANNING WORK PROGRAM**

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## EXECUTIVE SUMMARY

The 1999 Unified Planning Work Program (UPWP) describes transportation planning activities for the Miami Urbanized Area scheduled to be completed during the fiscal period beginning July 1, 1998 and ending on June 30, 1999. The document outlines the planning projects that will assist in further defining the comprehensive and multi-modal transportation improvement program approved for the metropolitan area in the Year 2015 Miami-Dade Long Range Transportation Plan. The MPO's Year 2015 Miami-Dade Long Range Transportation Plan was adopted by the Governing Board on December 7, 1995, after considerable official and public review activities were conducted throughout the metropolitan area. The Plan addresses the multimodal transportation system needs for the period 1995-2015.

The work outlined in the UPWP is to be undertaken in a cooperative manner between the various participating Miami-Dade County agencies and the Florida Department of Transportation, guided by policies adhered to by the State of Florida and the Metropolitan Planning Organization (MPO) Governing Board and by federal statutory requirements relating to the metropolitan transportation planning process in urban areas. Guidance from the modal Federal transportation agencies that support the program is also used as a significant element in the definition of planning projects.

Formal technical guidance is provided by the Transportation Planning Council (TPC) of the MPO and the various special TPC committees. Miami-Dade County municipalities are requested to review the program prior to its adoption. Citizen participation is insured through the monthly meetings of the Citizens Transportation Advisory Committee (CTAC) and the many other meetings and hearings held throughout the community during the program period as necessary. The public involvement process is accomplished primarily through tasks 4.05 and 4.14; Citizen and Private Sector Involvement and Public Information Program, respectively. Participation of the private passenger transportation industry in the development of the UPWP occurs both through the CTAC and through special Board Committees.

The projects identified in the 1999 UPWP directly address the objectives defined by the Program Development Committee and approved by the Transportation Planning Council and the MPO Governing Board. These objectives are in turn based on the policies defined in the urbanized area Transportation Plan and in the Miami-Dade Comprehensive Development Master Plan and are consistent with the transportation goals expressed in the Strategic Policy Regional Plan for South Florida. The program is also consistent with local comprehensive plans adopted by each of the twenty-seven municipalities in the county. As explained in the Organization and Management section of this document, municipal participation is a key element in the development of MPO plans and programs.

Projects in the 1999 UPWP address required work activities and agreed upon Local, State and Federal transportation planning issues and priorities. These priorities include but are not limited to: Intermodal Surface Transportation Efficiency Act (ISTEA) planning factors, the Planning Emphasis Areas, the improvements outlined in the 2015 Long Range Plan, public transportation and ridesharing, Intelligent Transportation Systems (ITS), employer-based measures to promote use of carpooling and public transit, the six management systems as required by ISTEA,

exclusive right-of-way priority service, limits of right-of-way build out and funding availability, Transportation Demand Management (TDM) alternatives and air quality. The FY 1999 UPWP also includes the Municipal Grant Program whereby municipalities participate in relevant transportation planning studies.

New and/or increased funding for FY 1999 has been assigned to projects that either have proven underfunded during previous years or need special efforts during the upcoming year. These are:

- #1.02 2020 Long Range Transportation Plan Update
- #1.05 Southeast Florida Regional Travel Characteristics

Completed studies during the FY 1998 program included:

- ♦ Development of Integrated Transportation Management Systems
- ♦ Greenways and Trails Maintenance Study
- ♦ Congested Intersection Improvements
- ♦ Specific Area Planning and Design for Improving Mobility
- ♦ Historical Impacts of Transportation Projects in the Overtown Area
- ♦ Alternatives for Intermodal Improvements in Miami-Dade County
- ♦ Effects of Transportation Plan Development on Minority and Impoverished Communities.

The Transportation Planning Council recommends the program as presented in the belief that the continuing intensification of the metropolitan nature of the urban area and the increasingly high levels of travel congestion that are routinely experienced along mainly traveled corridors make the defined planning efforts critical priorities for 1999.

## **Metropolitan Planning Organization Transportation Planning Process**

### 1.0 INTRODUCTION

In Metropolitan Miami-Dade County, the transportation planning process is guided by the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area. The MPO was created as required under Section 163.01, Chapter 163, Florida Statutes and established by Interlocal Agreement between Miami-Dade County and the Florida Department of Transportation. Senate Bill 295, passed during the 1988 Legislative Session, amended s339.179, F.S. to increase the number of voting members by two additional members. In the 1993 Legislative Session, Senate Bill 1328 was passed adding another member to the MPO. Voting Members are designated by the State Governor and include the following: all thirteen Miami-Dade County Commissioners, an elected municipal official, a representative from the citizenry of the unincorporated portion of Miami-Dade County and a member of the Miami-Dade County School Board. The Florida Department of Transportation (FDOT) has two non-voting representatives on the MPO Board. Membership of the Miami-Dade County MPO is constituted under the Chartered County option allowed by the State Statutes.

A major role of the MPO is to ensure conformance with federal regulations requiring that highways, mass transit and other transportation facilities and services are properly deployed and developed in relation to the overall plan of urban development and to approved plans for regional and state transportation network accessibility. In addition, federal guidelines require that the use of Federal Aid for transportation be consistent with MPO endorsed plans and programs. FDOT adopts the MPO's Long-Range Transportation Plan as the guide plan for implementing state transportation system improvements in Miami-Dade County. Federal, state and local transportation planning funds are provided on an on-going basis to ensure the effectiveness of the MPO process.

The MPO Board meets monthly in the Miami-Dade County Commission Chamber. All meetings of the Governing Board are open to the public.

In performing its major functions, the MPO :

- Develops a Transportation Plan for the urban area that specifies transportation improvements for a twenty-year period.
- Compiles an annually updated Transportation Improvement Program (TIP). The TIP lists projects selected from the adopted Transportation Plan to be implemented during a five-year cycle.
- Maintains a Citizens' Transportation Advisory Committee (CTAC) to provide a broad cross-section of citizen perspectives in the planning and development of the urban transportation system. Minorities, the elderly and the handicapped are appropriately represented.
- Provides a review process of MPO programs by Miami-Dade County municipalities.
- Coordinates the activities of the Transportation Planning Council (TPC). The TPC advises the MPO governing Board on technical matters. The TPC includes directors of County departments participating in the transportation planning process, senior staff of the FDOT, the Florida Department of Environmental Protection, Tri-County Commuter Rail Authority

and representatives of the Miami-Dade League of Cities and the Miami-Dade County Public Schools.

- Assesses visual impacts of transportation projects through the Transportation Aesthetics Review Committee (TARC). The TARC reviews high visibility transportation projects to assure that aesthetic considerations are an integral and early part of the planning, design and construction process.
- Facilitates public involvement at all levels of the MPO process. Transportation issues are submitted routinely to the CTAC for review and plans are available for public comment prior to their adoption.
- Maintains a bicycle/pedestrian program to ensure that transportation plans provide for the use of non-motorized alternatives recommended by the Bicycle/Pedestrian Advisory Committee (BPAC).
- Ensures that access to transportation is provided to disadvantaged persons. The Transportation Disadvantaged Local Coordinating Board monitors opportunities for children at-risk, the elderly, the poor, and the disabled.

In the performance of these duties, the MPO is assisted by professional staff from local and State transportation agencies. Other entities such as the South Florida Regional Planning Council, the Tri-County Commuter Rail Authority, the Dade County Expressway Authority, and the Broward and Palm Beach Counties' MPOs, work closely with the Miami-Dade County MPO to achieve coordination in regional transportation planning.

The Director of the MPO Secretariat is designated by, and serves at the pleasure of the County Manager. The Secretariat staff coordinates the activities of the component structure comprising the MPO; prepares the meeting agendas for the Governing Board and the Transportation Planning Council (TPC); prepares resolutions, agreements and other documents; schedules and gives notice of meetings; records and keeps minutes; prepares an annual report; develops operating procedures for conduct of the Secretariat function; coordinates the implementation of policies established by the Governing Board as reflected in the transportation planning program, and performs other administrative and technical duties as may be assigned by the County Manager.

The Director of the MPO Secretariat acts as the overall Program Administrator and Manager. Technical management control over each project in the transportation planning program is exercised by the Project Manager to whom the task is assigned. Ultimate review of program work products rests with the Transportation Planning Council and its Task Forces and Committees.

Additional detailed information concerning the planning process is outlined in the Adopted MPO Prospectus. A copy of the Prospectus may be obtained by calling (305) 375-4507 or by e-mail: [mpo@metro-dade.com](mailto:mpo@metro-dade.com).

# 1999 UNIFIED PLANNING WORK PROGRAM

## PROGRAM OBJECTIVES

### **OBJECTIVE "A": *LONG RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT***

Plan for the preservation and development of a multimodal transportation system that is responsive to the mobility needs of the metropolitan population and to changes in land use.

### **OBJECTIVE "B": *SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT***

Plan for maximum economic and performance efficiencies in transportation services and facilities.

### **OBJECTIVE "C": *INTERMODAL TRANSPORTATION PLANNING***

Plan for a fully intermodal transportation system to allow for ease of travel between modes, alleviate congestion, improve the natural environment and enhance safety across all modes.

### **OBJECTIVE "D": *TRANSPORTATION PLANNING DECISION-MAKING AND FUNDING***

Combine professional expertise with proactive citizen and private sector involvement to carry out a transportation decision-making process that wisely allocates financial resources taking into account the true long and short-term costs of available options.

### **OBJECTIVE "E": *STATE PLANNING PROGRAM***

To provide information on FDOT's Work Program activities which support the MPO planning process. This is done to enhance coordination of UPWP tasks with FDOT projects in order to improve efficiency of project management.

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**INDEX OF OBJECTIVES**

**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM  
PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>FUNDING</u>	<u>PAGE</u>
1.01	Urban Travel Modeling and Forecasting	\$125,000	A-1
1.02	Long Range Transportation Plan Update	\$390,000	A-4
1.03	Transportation/Land Use Coordination	\$205,749	A-8
1.04	Socio-Economic Data	\$135,000	A-10
1.05	Southeast Florida Regional Travel Characteristics	<u>\$231,000</u>	A-12
	(Objective A total)	<b>\$1,086,749</b>	

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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND  
MANAGEMENT**

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>FUNDING</u>	<u>PAGE</u>
2.01	Short-Range Intermodal Planning	\$229,000	B - 1
2.02	Short-Range Transit Planning	\$60,000	B - 3
2.03	Highway Traffic Counting Program	\$50,000	B - 4
2.04	Aesthetics & Urban Design in Trans. Planning and Project Dev. Processes *	\$46,000	B - 5
2.05	Conduct Transit Market Research	\$25,000	B - 8
2.06	Continuing Technical Support for Transportation Management Associations *	\$60,000	B - 10
2.07	Transit Route-Level Monitoring	\$491,000	B - 12
2.08	Transit Financial Capacity Assessment	\$22,000	B - 13
2.09	Transit Reporting	\$160,000	B - 14
2.10	Tri-Rail Coordination	\$200,000	B - 15
2.11	Transit Ridership Forecasting	\$23,000	B - 17
2.12	Private Sector/Public Transportation Service Study *	\$114,000	B - 18
2.13	Downtown Kendall Charrette	<u>\$150,000</u>	B - 22
	(Objective B total)	<b>\$1,630,000</b>	

\* Project carried forward from FY 1998 UPWP

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**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>FUNDING</u>	<u>PAGE</u>
3.01	Transportation/Air Quality Conformity Determination Assessment	\$115,000	C - 1
3.02	Downtown Miami Transportation Masterplan *	\$60,000	C - 4
3.03	Center for Urban Transportation Research Support	\$100,000	C - 7
3.04	Comprehensive Bicycle/Pedestrian Planning Programs	\$130,000	C - 9
3.05	Improving Regional Transportation Planning	\$25,000	C - 12
3.06	Station Area Aesthetics, Design and Development Planning *	\$85,000	C - 15
3.07	Vanpool Marketing *	<u>\$65,000</u>	C - 18
	(Objective C total)	<b>\$580,000</b>	

\* Project carried forward from FY 1998 UPWP.

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**INDEX OF OBJECTIVES**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION-MAKING AND FUNDING**

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>FUNDING</u>	<u>PAGE</u>
4.01	UPWP Administration	\$70,000	D - 1
4.02	MPO Board Staff Support	\$212,000	D - 3
4.03	UPWP Development	\$60,000	D - 5
4.04	Transportation Improvement Program	\$271,500	D - 7
4.05	Citizen and Private Sector Involvement	\$155,000	D - 9
4.06	Technical Committees Support	\$100,000	D - 12
4.07	Transportation Disadvantaged (TD) Planning	\$62,720	D - 14
4.08	American with Disabilities Act (ADA) Planning for Compliance	\$129,000	D - 16
4.09	FTA Civil Rights Requirements	\$40,000	D - 17
4.10	Legislative Assessments	\$10,000	D - 18
4.11	MPO Program Support Services	\$135,000	D - 20
4.12	ADA Required Infrastructure Improvements	\$10,000	D - 21
4.13	Municipal Grant Program	\$322,500	D - 23
4.14	Public Information Program	<u>\$226,500</u>	D - 24
		<b>\$1,804,220</b>	

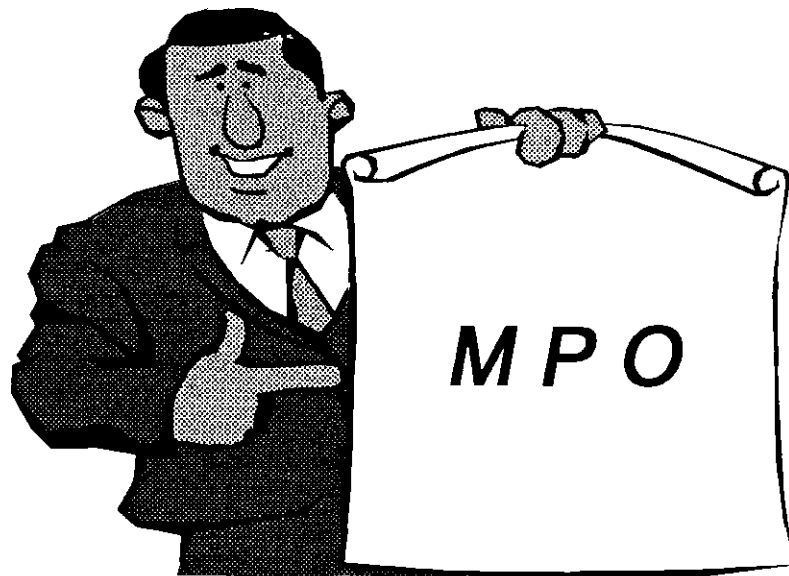
**OBJECTIVE E: STATE PLANNING PROGRAM**

5.01	State Planning Project Summary		E - 1
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***TOTAL FY 1999 PROGRAM FUNDING***

**\$5,100,889**

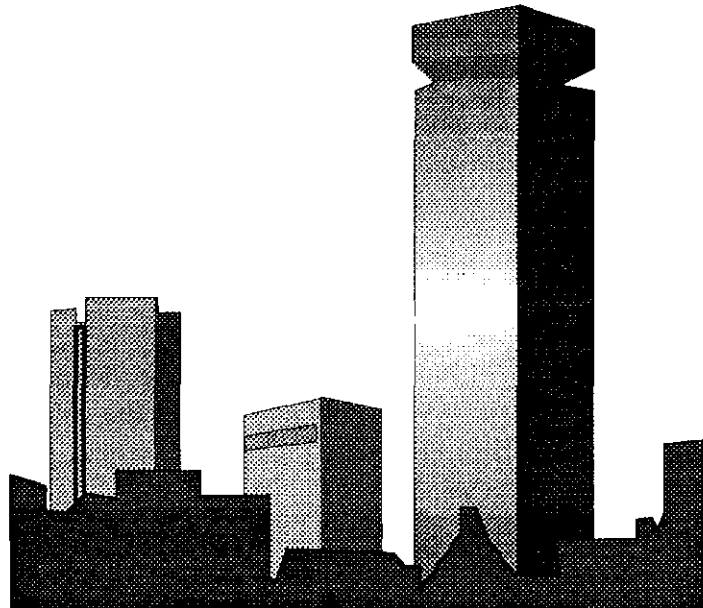
# **Project Descriptions by Objectives**





# **Objective A**

## **Long-Range Transportation Planning for System Preservation Development and Enhancement**



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT

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#### TASK NUMBER AND TITLE:

#### **1.01 URBAN TRAVEL MODELING AND FORECASTING**

#### OBJECTIVE(S):

1. **Database:** To maintain updated Miami-Dade County highway and transit networks in automated formats to apply state-of-the-art techniques in the evaluation of proposed service and proposed capital improvements. To increase database *communality and compatibility* between agencies.
2. **Hardware and Software Environment:** To *maintain* the most *appropriate version(s)* of Florida's Standard Urban Transportation Model Structure (*FSUTMS*), in state-of-the-art, efficient operating environment(s) in which to perform planning activities.
3. **Analytical Support and Presentation:** To assemble and maintain a *library of texts, software and other materials* as analytical support and reference materials to transportation planning activities. To produce maps, figures and other illustrations to be used in MPO publications and/or presentations.
4. **Special Projects Model Support:** To provide *model support* for planning projects conducted by other agencies.
5. **Developmental:** To study and *evaluate related planning and modeling* functions and applications as complements to a comprehensive transportation planning program.

#### PREVIOUS WORK:

These are continuing activities within Miami-Dade County's transportation planning process. Previous work under this element has included, but was not limited to, *analytical support* to other agencies and organizations, and installation of new model programs and related software, and routine *updating of datasets and networks* (highway and transit) as well as other model-related files.

#### METHODOLOGY:

1. **Database:**
  - a. *update and maintain highway and transit networks*, as necessary, to reflect changes in existing conditions.

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### **OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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- b. **update transportation networks**, as necessary to reflect changes in Miami-Dade County's Transportation Improvement Program (TIP), Short Range Transit Plans (TDP) Long Range Plans and existing conditions.
  - c. hold **network workshops** and meetings as necessary to solicit input from applicable departments, and to review non-FSUTMS methodologies and applications.
  - d. provide **model support** to other Miami-Dade County departments requiring travel demand forecasts or related assistance.
  - e. assist in the development of **ridership** and **operational forecasts** for various transit-related projects
  - f. **review non-FSUTMS methodologies** as needed and as appropriate.
2. **Hardware and Software Environments:**
- a. maintain necessary license agreements with FDOT Central Office for software packages and updates, as necessary.
  - b. evaluate and/or obtain other software packages and updates.
  - c. evaluate and/or obtain hardware accessories or upgrades as necessary.
  - d. purchase a computer plotting device.
3. **Analytical Support and Presentation:**
- a. assemble and maintain a library of **reference materials**, including texts and software as analytical support to planning activities.
  - b. obtain and maintain **updated versions of hardware and software** for continued production of maps and graphics for documentation and presentation purposes, including the purchase of a new computer system configured for advanced graphics development.
4. **Developmental:**
- a. consider and **evaluate other planning and modeling applications** and assess respective utility of same.
  - b. participate in the Southeast Florida FSUTMS Users Group, Statewide Model Task Force, and Southeast Florida Regional Modeling Committee activities.

### **END PRODUCTS:**

1. **Database:**
  - a. **updated highway and transit networks**, reflecting interim year and future year conditions, in addition to other year/alternative datasets prepared as needed.
  - b. Series of **memos documenting model review comments**, ridership and operational analyses.
  - c. A **five-year short-range** committed **network and database** development.

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2. **Hardware and Software Environments:**
  - a. the latest versions of the *FSUTMS model battery* fully operational on the micro-computer system.
  - b. other *software and hardware updates* and accessories as needed, including new plotting device.
  - c. a *new microcomputer system* configured for advanced graphics development.
3. **Analytical Support and Presentation:**

An *assemblage* of texts, software, files and maps for documentation and publication.
4. **Developmental:**

*Evaluations* and possible implementation of *planning* related *applications*.

**PROJECT MANAGER(S):**

Michael Moore  
Mario G. Garcia

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Miami-Dade Transit Agency  
Florida Department of Transportation District VI

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 55,000	Section 5303	(\$44,000 Federal, \$5,500 State, \$5,500 Local)
\$ 30,000	PL 112	(\$24,579 Federal, \$5,421 Local)
<u>\$ 40,000</u>	Section 5303 (FY 97)	(\$32,000 Federal, \$4,000 State, \$4,000 Local))
\$125,000		

**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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**TASK NUMBER AND TITLE**

**1.02 LONG RANGE TRANSPORTATION PLAN UPDATE**

**OBJECTIVE(S):**

Meet Federal and State requirements for an *update* of the *Transportation Plan*. Ensure Plan consistency with policies established in the Comprehensive Development Master Plan (CDMP). Address outstanding long-range transportation planning issues, air quality and current surface transportation issues and provide information for decision-making.

**PREVIOUS WORK:**

This is a continuing activity in Miami-Dade County's transportation planning process. A *major update of the LRTP* (the 2015 Plan) was adopted *in December of 1995*. A *minor update* (to the Year 2020) is due by *February, 1999*. Some of the activities listed herein apply to the 2020 Plan update as well as to the subsequent major update (to the year 2025).

**METHODOLOGY:**

The following actions are typically completed as a part of the Plan Update effort.

1. **Plan Database** - Detailed *review and updating of the major data elements*, including socioeconomic data and network information listed below. In addition, other planning studies and feasibility studies are reviewed as they pertain to the Update.
2. **Socioeconomic Forecasts** - *forecasts of population and employment* must be prepared *for the base year 1999* and the *Plan horizon year 2025*. This is coordinated with UPWP Work Element 1.04.
3. **Plan District Structure and Transportation Analysis Zone (TAZ) Structure** - This activity will apply to the 2025 Update and base year 1999. Review the Traffic Analysis District (TAD) and TAZ structure used in the 1990 Plan Update and *develop a new TAZ structure and TAD structure*, if necessary. Review the revised TAZ structure, as developed under UPWP Work Element 1.04.
4. **Transportation Goals and Policies** - A review and assessment of the current status of the adopted goals and objectives of the Intermodal Surface Transportation Efficiency Act, the Miami-Dade Transportation Plan, the Florida Transportation Plan (FTP), and the Miami-Dade County CDMP.

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5. **Travel Forecasting Models** - Models are validated prior to being used in the forecasting of the Long Range travel demands. In the case of the 2020 Plan Update, the 1990 Model Validation from the 2015 Plan has been re-used. For the 2025 Plan Update, *a new 1999 base year will be developed.* (Refer to UPWP Work Element 1.04.) The actual model structure used for the 2020 Plan Update will be nearly identical to that used in the development of the 2015 Plan (except double-digit area type/facility type designations have been introduced).

The 2025 Plan Update will utilize an *improved model structure* which may include consideration of activity-based trip generation methodologies, lifestyle variables, freight movement and other model enhancements.

6. **Revise Transportation Networks** - The transportation *networks will be revised* to reflect (a) error-correcting changes, (b) introduction of double-digit area types/facility types, and (c) improved and new facilities (highway and transit).

7. **Forecast Travel Demands** - The validated model is used to conduct simulations of future transportation demands to identify major deficiencies in the existing and planned (E+C) transportation networks. In the case of the Year 2020 Plan, the 1990 validation will remain as the base year, and the *2020 horizon year will be developed by building up from the 2015 network.*

The 2025 Plan Update will require a *new base year* (1999) validation (major share anticipated in the 2000 UPWP) *new E+C and new forecast year (2025) simulations.*

8. **Analyze Simulation Results** - Results of the simulations will be analyzed.
9. **Establish Service Demand Criteria** - *Capacity standards will be developed* to enable alternate combinations of modes to be used and analyzed as a means of meeting the projected travel demands in a corridor. Typically, these standards are consistent with those adopted in the CDMP.
10. **Revise Priority Categories** - The *criteria* used to *determine the priority levels* used in the 2015 Plan Update *will be reviewed.* Revisions to the criteria should reflect any changes in Federal, State and County policy.
11. **Review 2015 Plan Project Status** - The 2015 Plan project listing will be reviewed to determine the status of the projects identified in that Plan. The Year 2025 Plan will be a major update wherein the projects in the 2020 Plan will be re-visited.
12. **Revise Project Priority List** - The review of the 2015 Plan Project list will be used as a basis to *develop a revised priority listing* of projects for the new 2020 horizon.

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### **OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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13. **Identify Travel Service Corridors** - Particularly for the major update to the Year 2025, a *list of major "high-volume" service corridors* will be produced based upon the results of the travel simulations.
14. **Develop New Projects** - For the minor update to the Year 2020, no "new" projects are expected to emerge, as emphasis will be on true cost-feasibility of the projects in the adopted 2015 Plan. New projects discussed during the minor update *will be reserved for further study under the auspices of the 2025 major update*. For the major update to the Year 2025, the new facilities (including non-highway) required by the forecast increases in travel simulations are listed, and generally result from solution-testing during the Highway- and Transit-Emphasis phases of the Needs Plan development.
15. **Air Quality Conformity Determination** - Coordination with UPWP Work Element 3.01.
16. **Citizen Participation Process** - The County's current citizen participation mechanisms will be employed. The MPO's Public Involvement Process, as incorporated in the MPO Prospectus, will be followed.
17. **Technical Review Process** - The technical review process will use a *committee* of technical representatives from pertinent agencies to *evaluate and assess the major Plan assumptions and develop the draft Plan*.
18. **Review and Comment** - A detailed review and evaluation process will be conducted prior to the Plan adoption.
19. **Plan Adoption** - The final draft of the Long Range Plan Update will be submitted to the Transportation Planning Council for endorsement and the Metropolitan Planning Organization Governing Board for formal adoption.

#### **END PRODUCTS:**

1. Model development and validation.
2. New travel demand simulations.
3. Adopted district structure for plan development.
4. Updated screenline data.
5. Review and evaluation of existing project lists; identification of project status.
6. New prioritization criteria for future projects.
7. Revised listing of transportation projects by District and priority level.
8. List of high-volume travel corridors and modal combinations for detailed study.
9. Adopted Long Range Transportation Plan Update (to the Year 2020).
10. Air Quality Conformity Determination Report.



**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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**TASK NUMBER AND TITLE**

**1.03 TRANSPORTATION / LAND USE COORDINATION**

**OBJECTIVE(S):**

To *review and assess land use development impacts* concurrent with transportation-related actions.

**PREVIOUS WORK:**

This is a *continuing activity* in Miami-Dade County's transportation planning process.

**METHODOLOGY:**

1. Continue the *operation of the Metropolitan A-95 Clearinghouse function* for transportation-related programs and plans within Miami-Dade County. Review transportation-related projects, programs and activities for consistency with metropolitan plans and policies.
2. *Review applications for CDMP amendments* to evaluate highway, transit, and other transportation impacts of said amendments. Alternative land use scenarios will continue to be analyzed using the travel demand model in this work element.
3. *Assess highway and transit impacts* of proposed individual land development projects processed through the Developmental Impact Committee (DIC) and Development of Regional Impact (DRI) processes.
4. *Promote the concept of sustainable development with respect to transportation*, including: (a) reducing travel demands associated with traditional development, (b) conserving scarce transportation fiscal and physical resources, (c) reducing environmental impacts particularly air pollution, resulting from travel generated as a result of development, and (d) encouraging non-traditional alternative forms of development such as nodal clustering, mixed use and transit-oriented development patterns.
5. *Review technical studies* which advance the state-of-the-art with respect to evaluating transportation-land use interactions, and incorporating those which are most promising into the current travel estimating and analysis procedures employed by the MPO, as promoted by the federal Intermodal Surface Transportation Efficiency Act (ISTEA).

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**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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**END PRODUCTS:**

1. *Memoranda on assessments of plans and projects* as to their consistency with the adopted Comprehensive Development Master Plan (CDMP).
2. *Correspondence documenting A-95 review* comments on specific projects and comments on various transportation plans.
3. *Analyses of highway impacts and transit impacts* of DIC and CDMP applications.
4. Summary *reports critiquing transportation components of proposed developments*, including proposed transit and highway developer requirements.
5. *Verification of traffic analyses* generated by other agencies and consultants.
6. Proposals for long range plan refinement.
7. *Identification of LOS deficiencies* and identification of potential solutions and priorities or the annual update of the LRTP and TIP.
8. Incorporation of promising *transportation/land use impact analysis techniques* and procedures into transportation analysis processes currently employed by the MPO.
9. Preparation of *summary reports evaluating transportation components* of proposed *developments*, including proposed transit development requirements.

**PROJECT MANAGER(S):**

Michael Moore  
Mario G. Garcia

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Miami-Dade Transit Agency  
Miami-Dade County Department of Planning, Development and Regulation  
Florida Department of Transportation  
Miami-Dade Public Works

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 92,749      Section 5303 (\$74,000 Federal, \$9,374 State, \$9,375 Local)  
\$ 86,000      PL 112 (\$70,460 Federal, \$15,540 Local)  
\$ 27,000      Section 5307 (\$21,600 Federal, \$2,700 State, \$2,700 Local)  
\$205,749

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT

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#### TASK NUMBER AND TITLE

#### **1.04 SOCIO-ECONOMIC DATA**

#### OBJECTIVES:

- Develop *final* detailed *1999 Base Year* for all enhanced FSUTMS trip generation model variables for use in the 2025 LRTP update (UPWP work Element 1.02).
- Begin *preliminary* work on *projections* for interim years (2025 final year).
- *Realign TAZ boundaries* in conjunction with development of 2000 census tracts.
- Respond to special requests for FDOT and MPO staff or their consultants for data or map products as appropriate.

#### PREVIOUS WORK:

During FY 1998, an *interim update* was completed *to the year 2020*. The primary production variables of population and housing were developed for 1995 based on folio specific information from PDR's GIS mapping files and Real Property datasets. Employment attraction variables based on ES-202 (employment) data were address matched through GIS. The 1995 dataset was one basis for the revision of the 2005 and 2020 datasets which were also developed in this time frame based on PDR census tract projections of variables. Other variables such as home and motel occupancy variables were based on 1990 data factored to current conditions and projected to 2020 by linking to prime variables or trending.

#### METHODOLOGY:

The development of the *enhanced "lifestyle" trip generation variables* will require a new approach to data development. Primary reliance will be put on 1990 census data sources. Cohort survival, analysis of fertility trends, immigration monitoring, and other demographic procedures will be applied to this earlier data in order to estimate current values for these new variables and to project them.

The main attraction variable, *employment*, is definitionally the same as in previous FSUTMS datasets. Development of this variable will again rely on processing of the ES-202 file from the State of Florida Department of Labor and Employment Security supplemented with other secondary sources plus some empirical work.

*Year 2000 traffic analysis zone delineation* will be undertaken in conjunction with the development of *new census tract boundaries for the 2000 census*. TAZs will continue to nest within census tract boundaries, easing the data processing tasks of merging 2000

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### **OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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data into future TAZ datasets. This task will be coordinated with UPWP work Element 1.01.

#### **END PRODUCT:**

Finalized "*enhanced lifestyle*" socioeconomic dataset for 1999 base year. In addition, progress will have been made on development of interim year datasets.

#### **PROJECT MANAGER:**

C. W. Blowers

#### **PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Miami-Dade County, Department of Planning, Development and Regulation  
Florida Department of Transportation District VI (In-Kind Support)

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:** Timely completion of the scope of work described above is contingent upon receiving additional funds and/or FDOT In-Kind Support.

\$ 65,000	Section 5303	(\$52,000 Federal, \$6,500 State, \$6,500 Local)
<u>\$ 70,000</u>	PL 112	(\$57,351 Federal, \$12,649 Local)
\$135,000		

**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM PRESERVATION, DEVELOPMENT AND ENHANCEMENT**

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**TASK NUMBER AND TITLE**

**1.05 SOUTHEAST FLORIDA REGIONAL TRAVEL CHARACTERISTICS STUDY**

**OBJECTIVE(S):**

To *collect regional travel behavior data* for developing the next generation of travel forecast models to be used for the Long Range Transportation Plans for Miami-Dade, Broward and Palm Beach Counties, and to support the federally-sponsored Travel Model Improvement Program (TMIP) in Southeast Florida.

**PREVIOUS WORK:**

The *last major travel behavior study* of this magnitude (the Southeast Florida Travel Characteristics Evaluation Study) was *completed by Comsis Corp. in June of 1987*. The Study's findings provided the fundamental data for model development of the urban and regional transportation forecast models employed in southeast Florida. The previous survey data were used for developing 1986/87 and 1990-based models. The models were then used to develop the Year 2010 and 2015 Long Range Transportation Plans. The models were also extensively used for developing design traffic to support roadway design projects, Development of Regional Impact (DRIs), Interstate Freeway Master Plans, Interchange Justification Reports, and other transportation and traffic impact analyses.

In February of 1997, the FDOT District 4 Planning Office initiated a consultant research project known as the *"Southeast Florida Regional Planning Model Data Collection and Development Methodologies."* The *purpose of the project* was to: *identify modeling data needs related to travel behavior* for developing the next generation of the Southeast Florida Regional Planning Model (SERPM) and urban area models, which is intended to be capable of assessing demand variances due to the changes of policies; assess sample data quantity and quality requirements; identify state-of-the-art data collection and development methodologies; and develop a data collection and development plan. The scope further defined that the primary end product was ultimately to collect data to be used in modeling trip generation, trip distribution and mode split. The project also directed significant efforts toward examining the progress and recommendations of the federally-sponsored TMIP.

During the project, and subsequently, review meetings have been conducted with a Technical Review Committee (TRC) consisting of technical representatives from the Miami-Dade, Broward and Palm Beach County MPOs, the Miami-Dade Transit Agency, and FDOT District Four, Six and Central Office staff. The project, completed in January 1998, provided recommendations pertaining to survey methodology for this FY 1998/99

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UPWP work element for the regional travel characteristics data collection, development and analysis effort.

#### **METHODOLOGY:**

A scope has been developed, based on the product of Task 4, Technical Memorandum 1: Identification of Data Needs. This project will *collect trip generation, trip distribution and mode split data sets* consistent with FSUTMS and will follow guidelines of the TMIP.

The consensus of the TRC was for the project is to include the following survey types: household travel characteristics; transit on-board; visitor; freight; truck; and selected TAZ (mode split). The survey will be implemented in a format that collects data *sufficient to support both the existing FSUTMS model structure and future TMIP model*. The scope of work of the project will specify the sample stratification, and selection methods, data accuracy level, survey methods, survey instrument design, public awareness and incentive programs. The collected data will be processed, checked for quality, and refined as needed.

A consultant when contract will provide services for this data collection and analysis project. This project will be a *multi-year effort* with work expected to *commence in September 1998 and be completed by December 1999*. The following milestone dates for the project schedule are planned: September 1998 - Kickoff/Mobilization; January 1999 - Begin Data Collection; February 1999 - End Data Collection; March/April 1999 - Complete Data Entry, and Data Rectification; June/July 1999 - Analysis; September 1999 - Complete Technical Documentation. As included in this scope, analysis of the data will also be performed. Factors for model parameters will be developed/updated for the region, in time for the major LRTP updates scheduled to begin in late 1999/early 2000. The base year/validation year for the three urban area MPOs has been set to 1999, which will coincide with the results of this effort.

#### **END PRODUCTS:**

*Datasets*, summations and technical *reports on travel behavior and model parameter statistics*.

#### **PROJECT MANAGER:**

Michael Moore (Miami-Dade MPO)

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**PARTICIPATING AGENCIES:**

FDOT District 4 (Primary Agency)  
FDOT District 6  
Miami-Dade MPO  
Broward MPO  
Palm Beach MPO  
Miami-Dade Transit Agency

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

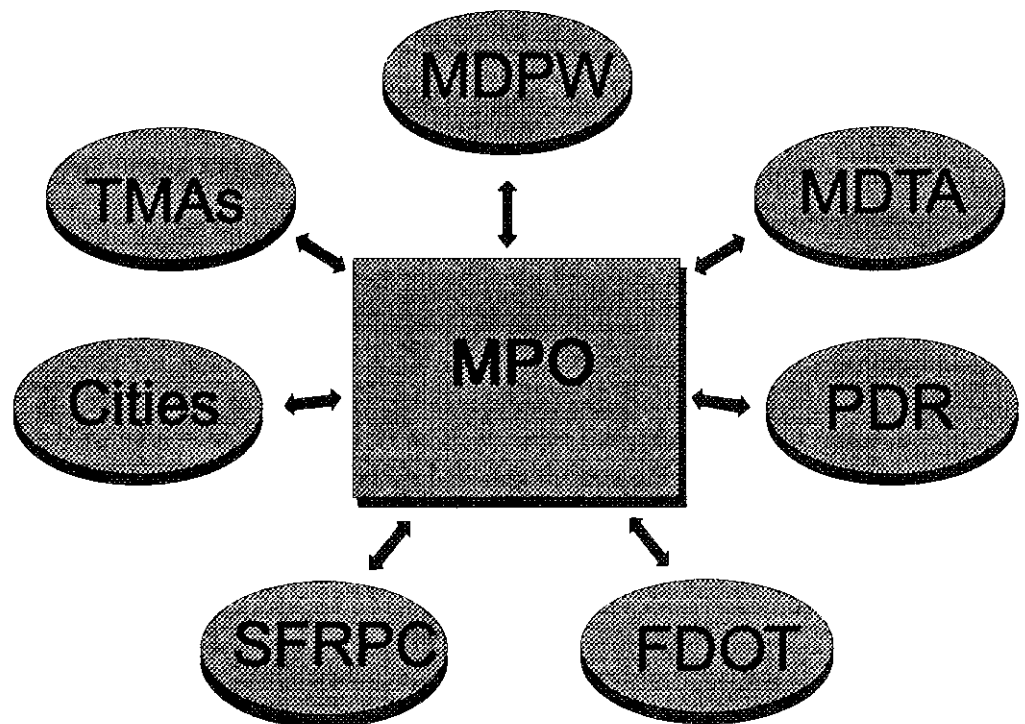
FDOT District 4	\$200,000	
FDOT District 6	\$200,000	
Miami-Dade MPO	\$210,000	PL 112 ( \$172,053 Federal, \$37,947 Local)
Broward MPO	\$165,000	
Palm Beach MPO	<u>\$125,000</u>	
	\$900,000	
	*\$ 21,000	PL 112 (17,205, Federal, \$3,795 Local)

\* MPO Staff Administration



# Objective B

## Short-Range Transportation System Planning and Management



**TASK AND NUMBER TITLE:**

**2.01        SHORT-RANGE INTERMODAL PLANNING**

**OBJECTIVE(S):**

To *address mobility needs* in targeted areas by supporting multimodal options; to provide support for general planning studies, projects, and research to further intermodal considerations and multimodal alternatives to SOV use; to assist in coordinating the Miami-Dade County Intelligent Transportation Systems (ITS) Plan advancement for *developing ITS applications* within the County by proposing roadways or sites to promote intermodal transportation opportunities.

**PREVIOUS WORK:**

1. This is a continuing activity within Miami-Dade County's transportation planning activities.
2. Miami-Dade County *Congestion Management Plan*, Barton-Aschmann Associates, 1992
3. Intermodal, multimodal, and mode-specific studies; e.g., "*Miami-Dade County Freight Movement Study*," "*Development of a Superarterial Network*," "*Short-Range Transit Planning*," "*Street Closure Study*" etc.
4. "*At-Risk Special Needs Population Emergency Evacuation Study*"; technical memoranda.

**METHODOLOGY:**

In keeping with Title I (Surface Transportation) and Title V (Intermodal Transportation) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), the scope of these planning activities will *consider land use, intermodal connectivity and multi-modal opportunities* to enhance them.

1. Ongoing *participation in local, regional, and statewide forums* and committees addressing intermodal and multimodal transportation activities (see CFASPP, FTAC, RTO, above). MPO is also represented on statewide committees for freight planning (subcommittee chair) and transit planning.
2. Short-Range Intermodal/Multimodal Planning is incorporating less traditional considerations in developing short- and intermediate-term, relatively low capital investment congestion relief measures for example:
  - ♦ Assist ITS Systems Plan short-term coordination and deployment efforts
  - ♦ Coordinate with the transit agency (MDTA) with incorporation of transit elements in MPO studies where feasible (e.g., Superarterial Network Study incorporates transit concerns)
  - ♦ MPO Board and other governing bodies requiring special studies and analyses.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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3. Respond to various general requests from other public agencies, consultants, and students for various data, information, and technical explanations of MPO travel data and analysis procedures.
  - ♦ Provide input to State regarding transit planning and operations evaluations methods.
4. Administer Intermodal Management System (IMS); MPO IMS activities are coordinated with the State's Intermodal Management.

**END PRODUCTS:**

Reports, and contributions to reports generated by other agencies or Departments, containing *evaluations and congestion management recommendations* which serve as proposals for enhancements to existing and planned transit services, *techniques for mobile source air pollution reduction, measures for metropolitan area* (central area urban and suburban) *congestion mitigation, ITS applications, recommendations* for future land use, and development coordination. *"At-Risk Special Needs Population Emergency Evacuation Study."*

**PROJECT MANAGER:**

Frank Baron

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Miami-Dade Transit Agency  
Miami-Dade Public Works  
Miami-Dade County Developmental Impact Committee  
Florida Department of Transportation - District 6

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 55,000	Section 5303	(\$44,000 Federal, \$5,500 State, \$5,500 Local)
\$ 70,000	PL 112	(\$57,351 Federal, \$12,649 Local)
\$ 5,000	Section 5307	(\$4,000 Federal, \$500 State, \$500 Local)
<u>\$ 70,000</u>	STP FY 99	(56,000 Federal, \$7,000 State, \$7,000 Local)
\$200,000		

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.02          SHORT RANGE TRANSIT PLANNING**

**OBJECTIVE (S):**

*Provide short range transit planning* essential to the provision of transit services.

**PREVIOUS WORK:**

This is a continuing activity. The Transit Development Program (TDP) is required by State statutes to be updated annually with a major update occurring at least every third year. MDTA conducted its last major update in 1996, hence a major update is scheduled for 1999. This work encompasses the *documentation of existing conditions with respect to transportation and socio-economic conditions, future travel demand, and identification of transit deficiencies and available financial resources*. These elements support a 5-year Recommendation Service Plan consistent with other local plans and policies. The major TDP update will be completed by June 1999.

**METHODOLOGY:**

1. Prepare annual *update of the TDP* for consistency with Miami-Dade County's multi-year operational plan.
2. *Preparation and/or review of proposed transit service plans*, i.e., TDP consistency and other transportation plans such as, but not limited to: CDMP, TDM, TMO's, CMS, Air Quality, LRTP, TIP and ADA.
3. *Revise financial analysis*. Incorporate baseline condition changes.
4. Continue *public involvement* process. Attend community meetings throughout the metropolitan area.

**END PRODUCTS:**

1. A major update to 5-Year TDP will be completed prior to June 1999.

**PROJECT MANAGER:** Mario G. Garcia

**PARTICIPATING AGENCY:** Miami-Dade Transit Agency

<b>WORK SCHEDULE:</b>	1998	Jul	Aug	Sep	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Oct	Nov	Dec

**FUNDING:**

\$89,000 Section 5307          (\$71,200 Federal, \$8,900 State, \$8,900 Local)



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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.03            HIGHWAY TRAFFIC COUNTING PROGRAM**

**OBJECTIVE(S):**

Provide information on the *current and historic trends of the countywide highway traffic-counting system* as required for long-range transportation systems planning, short-range highway planning, transit planning, service concurrency evaluation, ISTEAs Management Systems and the Comprehensive Development Master Plan.

**PREVIOUS WORK:**

This is a continuing activity.

**METHODOLOGY:**

1. *Collect traffic counts* in raw data form at selected sites along County, City, and State highways.
2. *Convert raw data* to Average Weekday Daily Traffic Counts (AWDT) and incorporate County records into a master data file.
3. *Catalog* Miami-Dade County *traffic volume information on traffic count lists* for the current year.
4. *Maintain data base* (system programming and master data file) containing history of Miami-Dade County traffic counts for each traffic count station.
5. Maintain station number and station location description lists and station number map for Miami-Dade County traffic count stations.
6. Complete the needed tasks for system programming.
7. Update hardware, software and training as needed.

**END PRODUCT:**

*AWDT count list and station map* for past calendar year published and distributed annually.

**PROJECT MANGER:**     Harvey Bernstein

**PARTICIPATING AGENCIES:**

Miami-Dade Public Works

**WORK SCHEDULE:**     1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun   Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$50,000 PL 112            (\$40,965 Federal, \$9,035 Local)

**TASK NUMBER AND TITLE:**

Carried forward from FY 1998 UPWP

**2.04      AESTHETICS AND URBAN DESIGN IN TRANSPORTATION  
PLANNING AND PROJECT DEVELOPMENT PROCESSES**

**OBJECTIVE (S):**

*To develop a process whereby aesthetics, community and multi-modal design goals and considerations are implemented* by integrating them into the transportation planning and project development processes. For street and roadway design and improvements, assure that multimodal (pedestrian, bicycle, transit, freight) and urban design functions receive consideration in addition to the standard vehicle capacity or safety improvements. To further implementation of such policies from ISTEA, the local Transportation and Comprehensive Plans and other state, local and federal policies and directives.

*Processes for two selected agencies operating within Miami-Dade County will be evaluated for this study* to demonstrate the need and procedures for modifying process to integrate these considerations. The products should be easily adaptable for application with other transportation agencies.

**PREVIOUS WORK:**

Consultant Selected.

**METHODOLOGY:**

This study will require working very closely with two selected transportation agencies operating in Miami-Dade County.

- A. Review Existing Material on Aesthetics and Urban Design in Transportation Planning and Projects**
1. Previous Work: Review literature and programs of other communities and organizations which are known to deal with these issues
  2. Policy Framework: Review and compile policy, guidelines and statements regarding aesthetics, urban and multimodal design for transportation planning and projects.
- B. Review Current Local Practices**
1. Outline current transportation planning and project development processes.
  2. Determine and show graphically where and how aesthetics, multimodal and urban design issues are currently being considered in all these processes.
    - a. Do any aesthetics and/or urban design guidelines or criteria exist?
    - b. How are aesthetic/urban design/multimodal design decisions made? Who makes them?
- C. Analysis**
1. Review and assess *effectiveness of current process.*

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### OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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- a. **Interview staff**, agency heads, TARC members, others; review TARC resolutions, minutes.
  - b. Determine what works well, where there are deficiencies.  
Hold two to four multidisciplinary workshop/ charrette/ or other participatory encounters to facilitate dialogue and understanding between disciplines [engineers (civil, transportation), planners, architects, landscape architects, artists, etc.] regarding integrating aesthetics, multimodal and urban design considerations in project development. This should involve relevant agencies and perhaps local professional organizations AIA, ASLA, APA, FES and NPWA. Consider using sample projects for multidisciplinary teams to address.
2. **Identify Potential Process Improvements**
- a. Obtain input from participants at workshops.
  - b. Refer to literature and information from other areas for ideas which can be used here.

#### **D. Recommendations**

1. Develop solutions for deficiencies and recommendations for improving the process.
2. Develop process which would reduce conflict between competing goals, objectives.
3. Consult with appropriate agency officials regarding proposals and feasibility of their implementation.

#### **END PRODUCTS:**

- Final Report: Including Executive Summary and *Proposals for planning and project development process modification*.
- *Manual for Agency Project Managers* - Background including relevant policy, guidelines, and training for project managers.
- *Educational Tool(s)* (Video, slide program, as appropriate) which can be used to inform agencies, project managers, the public, public officials and others regarding the benefits of integrating aesthetics and urban design in transportation projects and how that can be achieved efficiently and economically.

#### **PROJECT MANAGER:**

Susan Schreiber

#### **PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department of Transportation  
Miami-Dade Public Works Department  
Miami-Dade Transit Agency  
Miami-Dade Aviation Department

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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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Miami-Dade Seaport Department

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 5,000	Section 5303	(\$4,000 Federal, \$500 State, \$500 Local)
<u>\$41,000</u>	STP	(\$32,800 Federal, \$4,100 State, \$4,100 Local)
\$46,000		

**TASK NUMBER AND TITLE:**

**2.05      CONDUCT TRANSIT MARKET RESEARCH**

**OBJECTIVE:**

Provide planning data and insights into the attitudes of passengers, potential passengers, and the general public towards transit services in Miami-Dade County. This information would be used to *increase the effectiveness of transit service planning and the efficiency of transit service.*

**PREVIOUS WORK:**

Work products for the period beginning January, 1997 to the present include the following studies: the *1997 Tracking study*, the *On-Board Study to Assess Metromover Ridership* from 7:00 p.m. to 10:00 p.m., the *South Dade Busway Shelter Survey*, and a *study of Busway Passenger Satisfaction*. Current projects include a study of *financing options and specific surveys of Metropass users.*

**METHODOLOGY:**

1. Systematic *surveys where MDTA passengers are surveyed.* Key objectives are to determine passenger satisfaction with service, identify key problems, and determine opportunities for improved performance and service. The major projects for FY 99 include research of the effectiveness of marketing programs and/or additional transit service such as that which may be implemented to attract the regular work commuter and tourists to public transit. Other projects include satisfaction surveys of various elements of the transit system. Standard market research techniques, e.g. interviews, telephone surveys, or focus groups, would be applied to the transit environment.
2. *Regional and special purpose studies* to obtain information about the transit needs of the rider and non-rider population. Studies would be conducted by consultants and MDTA staff and would include O-D research using focus groups, telephone surveys, and personal interviews to targeted populations. In FY 99, research projects will concentrate on South Dade Busway riders to see if the services being operated meet their needs. Other projects to be carried out are studies of growing areas of the County, which have little or no public transit service or need improved service. Where traditional public transit service is not feasible, other transit alternatives such as vanpool service, community bus circulators, shuttle service, or jitneys that feed into our current system will be examined.
3. Other similar related projects on an as needed basis, subject to approval of deprogramming of funds by the state.

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### END PRODUCTS:

1. **Reports and presentation materials** with research information and **recommendations to improve service**. A report will be produced for each route or population studied.
2. Specific planning projects and service improvements incorporating the results of the market research studies will materialize. The MDTA Service Planning and Scheduling Division would determine if additional research is necessary. **Recommendations** would be developed **for inclusion in the Transit Development Program**.

### PROJECT MANAGERS:

Mario G. Garcia  
David R. Fialkoff

### PARTICIPATING AGENCY:

Miami-Dade Transit Agency

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

### FUNDING:

\$25,000      Section 5307      (\$20,000 Federal, \$2,500 State, \$2,500 Local)

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### OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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#### TASK NUMBER AND TITLE:

Carried forward from FY 1998 UPWP

#### **2.06            CONTINUING TECHNICAL SUPPORT FOR TRANSPORTATION MANAGEMENT ASSOCIATIONS (TMAs)**

#### OBJECTIVE:

The objective of this element is *to provide technical support to the incorporated TMAs* in Miami-Dade County.

#### PREVIOUS WORK:

This is a *continuity activity of the Miami-Dade County Congestion Management Plan*. The MPO and FDOT have sponsored the following studies for the Civic Center Transportation Management Organization (CCTMO) and the Miami Beach Transportation Management Association (MBTMA):

1. 1994 - 1995:

*Bicycle and Pedestrian Study* for the MBTMA  
*Pedestrian Amenities and Safety Study* for the CCTMO

2. 1996 - 1997:

*Trailblazing Signage Study* for the MBTMA  
*Commuter Characteristics Study* for the CCTMO  
*Model Private Employer Study* for the CCTMO and the MBTMA

#### METHODOLOGY:

1. *Provide technical assistance and funding to eligible TMAs* in planning, developing and implementing TDM/TSM strategies. The proposed studies have to be consistent with the Congestion Management Plan and related documents, in order to alleviate traffic congestion and improve mobility within their boundaries
2. Promote the *establishment of additional TMAs*.

#### END PRODUCTS:

1. Reports as indicated in the approved proposals.
2. Any other planning document as mutually agreed upon by the MPO, FDOT and TMAs.

#### PROJECT MANAGER:

Jesus Guerra

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**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department Of Transportation,  
Gold Coast Commuter Services:  
    ♦ Airport West Transportation Management Initiative  
    ♦ Downtown Miami Transportation Management Initiative  
Miami Beach Transportation Management Association  
Civic Center Transportation Management Organization

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$20,000	Section 5303	(\$16,000 Federal, \$2,000 State, \$2,000 Local)
<u>\$40,000</u>	STP FY 98	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
\$60,000		

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.07      TRANSIT ROUTE-LEVEL MONITORING**

**OBJECTIVE(S):**

*Provide a current database of transit route-level data* including ridership and schedule performance to support detailed analysis of Metrorail and Metrobus routes. This information will be used for the development of line-up and other transit service improvements.

**PREVIOUS WORK:**

This is a continuing activity. *Transit route-level ridership and performance information is produced.*

This information is a major input for the development of service plans.

**METHODOLOGY:**

*Collect information*, by both on-board and corner checks, as appropriate, from a subset of Metrobus and Metrorail trips. AVL/AVM reports will be reviewed for actual running times. This data will be downloaded into a computerized database (when appropriate) to *determine detailed usage and effectiveness of Metrorail and Metrobus routes*, particularly those identified as poor performance routes and overloaded routes.

**END PRODUCTS:**

1. Route-level *on-board ride checks*.
2. *Corner counts* of passenger ridership volumes.
3. Route-level *schedule adherence data*.
4. Line-up and other *transit service plans*.

**PROJECT MANAGER:**            Mario G. Garcia  
   David R. Fialkoff

**PARTICIPATING AGENCY:**    Miami-Dade Transit Agency

**WORK SCHEDULE:**            1998    Jul   Aug   Sep   Oct   Nov   Dec  
   1999    Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec

**FUNDING:**

\$491,000      Section 5307 (\$392,800 Federal, \$49,100 State, \$49,100 Local)

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.08      TRANSIT FINANCIAL CAPACITY ASSESSMENT**

**OBJECTIVE:**

*Maintain the Transit Financial models* including updating the models to reflect the TIP, as required by FTA and enhancing them to permit sensitivity analysis on various key parameters including capital cost, ridership estimates, etc.

**PREVIOUS WORK:**

*Financial Capacity Models* were developed by Deloitte, Haskins and Sells in **FY 88** based on 1986 conditions and have been updated to reflect 1996 Section 15 reports and the 1998 transit element of the TIP.

**METHODOLOGY:**

1. *Calibrate* financial capacity *models* against 1997 conditions based on Section 15 data.
2. *Update* the *models* to reflect change in funding sources and the 1999 TIP.

**END PRODUCTS:**

*Updated and validated Financial capacity models* allowing MDTA to develop financial plans for equipment and facility replacements and service expansions.

**PROJECT MANAGER:**

Alberto Parjus

**PARTICIPATING AGENCY:**

Miami-Dade Transit Agency

**WORK SCHEDULE:**

1998	Jul	Aug	Sep	<u>Oct</u>	Nov	Dec						
1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Oct	Nov	Dec

**FUNDING:**

\$22,000      Section 5307 (\$17,600 Federal, \$2,200 State, \$2,200 Local)

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**TASK NUMBER AND TITLE:**

**2.09      TRANSIT REPORTING**

**OBJECTIVE:**

*Provide transit related information for supporting overall transportation planning.*

**PREVIOUS WORK:**

This is a continuing activity.

*Transit Ridership and Technical Reports* are produced on a monthly basis. MDTA performance reports are produced quarterly and annually.

**METHODOLOGY:**

1. *Collect* weekday, Saturday and Sunday *ridership data* for Metrobus, Metrorail, and Metromover.
2. *Tabulate* daily Metrorail/Metromover and weekly Metrobus *ridership*, and summarize by key parameters to develop monthly reports-- including the Bus Route Productivity Report.
3. Receive, consolidate, graph, *analyze and report the data* on the most important performance measures in the transit agency.

**END PRODUCTS:**

1. Monthly *Ridership Reports*.
2. Monthly *Technical Reports*.
3. Three MDTA *quarterly performance reports*, and one annual report.

**PROJECT MANAGER:**

Alberto Parjus

**PARTICIPATING AGENCY:**

Miami-Dade Transit Agency

**WORK SCHEDULE:**

1998 Jul Aug Sep Oct Nov Dec  
1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$160,000      Section 5307      (\$128,000 Federal, \$16,000 State, \$16,000 Local)

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.10            TRI-RAIL COORDINATION**

**OBJECTIVE(S):**

In order to play an active role in the implementation of ISTEA and ensure proper coordination within Tri-Rail's areas, Tri-Rail will *attend MPO technical advisory committees and MPO meetings* in Miami-Dade, Broward, and Palm Beach Counties. Tri-Rail will *provide* all three (13) MPOs with *capital project priority lists on an annual basis*, and will also provide necessary information to the Treasure Coast Regional Planning Council (TCRPC) and the South Florida Regional Planning Council (SFRPC) to ensure appropriate land use development at or adjacent to Tri-Rail stations for redevelopment of the rail corridor.

It is Tri-Rail's objective to prepare all of the required, on-going planning documents, such as the National Transit Database and Grant Quarterly Reports, in order to receive federal, state, and local funding. Tri-Rail will *provide project management for* its various *capital projects* and will *implement a short range program* in conjunction with the development of a long range plan that will insure a successful and convenient regional commuter transportation system both now and in the future. Additionally, Tri-Rail will fund staff time, and any planning associated efforts requiring consultants, to establish agency-wide goals in terms of level of service and necessary capital improvements.

**PREVIOUS WORK:**

- *Worked with regional planning organizations* in order to amend DRI's to accommodate Tri-Rail land use patterns;
- Submitted *Annual National Transit Database Reports*;
- Submitted *Grant Financial and Narrative Quarterly Reports*;
- Submitted *Annual* and Quarterly Disadvantaged Business Enterprise (DBE) Reports; and
- Adhered to requirements to be eligible for State Block Grant and Federal Transit Administration funds; including annual *update of the Transit Development Plan* (TDP) and the *development of the Long Range Plan*.
- Economic Impact Study;
- Station Plan Guidelines; and
- Corridor Capacity Study Modeling and Forecasting.

**METHODOLOGY:**

In adherence to relevant FTA Circulars, Tri-Rail Strategic Plan and TDP, Tri-Rail's planning projects include the following:

- 1) General *Development and Comprehensive Planning*;

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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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- 2) Program *Support and Administration*;
- 3) *Transportation Improvement Program*;
- 4) *Short Range* Transportation Planning;
- 5) *Long Range* Transportation Planning-Project Level Planning;
- 6) *Environmental* Assessment; and
- 7) *Station Site* Development.

**END PRODUCTS:**

- *Tri-Rail components in the* Miami-Dade, Broward, and Palm Beach MPO *TIP's*;
- *Tri-Rail Capital Improvement Program*;
- *DBE Program*;
- *Title VI Program*;
- National *Transit Database Report*;
- Equal Employment Opportunity (*EEO*) *Program*;
- Grant *Quarterly Reports*;
- *Joint Use Development* potential at stations;
- *Long Range Plan.*
- Station Plan Guidelines; and
- Phasing and scheduling document.

**PROJECT MANAGER:** Fran Jones

**PARTICIPATING AGENCIES:**

Tri-County Commuter Rail Authority (Tri-Rail)  
Miami-Dade County Metropolitan Planning Organization  
Broward County Metropolitan Planning Organization  
Palm Beach County Metropolitan Planning Organization  
Florida Department of Transportation - District IV and VI  
South Florida Regional Planning Council  
Treasure Coast Regional Planning Council  
Federal Transit Administration

WORK SCHEDULE:      1998    Jul   Aug   Sep   Oct   Nov   Dec  
                                 1999    Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec

**FUNDING:**

\$200,000      Section 5307 (\$160,000 Federal, \$40,000 Toll Revenue Expenditure Soft Match)

The *funds shown for this task is Miami-Dade County's share.* Tri-Rail commuter authority consists of Miami-Dade, Broward and Palm Beach Counties.

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**TASK NUMBER AND TITLE:**

**2.11 TRANSIT RIDERSHIP REVENUE FORECASTING**

**OBJECTIVE:**

*Develop and maintain a more sensitive ridership forecasting technique, including the incorporation of the elasticities derived from the fare structure change of December 1990.*

**PREVIOUS WORK:**

The MDTA has developed *standardized techniques for estimating short ridership growth trends and seasonal pattern*. These techniques are currently used to forecast monthly ridership and revenues on an annual basis.

**METHODOLOGY:**

1. Determine *growth rates* and *seasonal factors* for ridership.
2. Update the *ridership forecasting procedures* to incorporate newly developed elasticities.
3. Determine ridership factors based on current actual data by fare category, in order to produce *forecast of cash, pass, and token boardings*.

**PRODUCTS:**

1. Monthly *ridership predictions* by mode.
2. Continuously updated *ridership estimation procedures*.
3. Monthly *revenue predictions* by mode and fare type.

**PROJECT MANAGER:**

Alberto Parjus

**PARTICIPATING AGENCY:**

Miami-Dade Transit Agency

**WORK SCHEDULE:**      1998    Jul   Aug   Sep   Oct   Nov   Dec  
   1999    Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec

**FUNDING:**

\$23,000      Section 5307 (\$18,400 Federal, \$2,300 State, \$2,300 Local)

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### OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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#### TASK NUMBER AND TITLE:

Project carried forward from FY 1998 UPWP

#### **2.12 PRIVATE SECTOR PUBLIC TRANSPORTATION SERVICE STUDY**

#### OBJECTIVE(S):

To *assess the issuing of new guidelines to facilitate private sector provision of urban public transportation services* in Miami-Dade, while maintaining existing County-provided transit and providing for new opportunities to bring transit to underserved or previously unserved areas of Miami-Dade.

#### PREVIOUS WORK:

*Previous local studies* of private sector transit services, in particular jitneys, have *concentrated on effects of* these *competitive private transit services* with established MDTA routes, frequently in well-established and highly patronized MDTA service corridors. Little attention has been directed towards ways in which county transit service can cooperatively coexist with private sector transit services, how the private sector can be integrated to increase systemwide transit availability and/or levels of service, or how transit system service delivery effectiveness and efficiency can be increased by soliciting joint public-private service proposals. During the FY 1996-97 program, the *consultant was selected*. The *Steering Committee was organized*. *Research* of applicable rules, regulations, and contracts was conducted. The *existing public transportation system operating environment was analyzed* for MDTA transit coverage, transit levels-of-service, and service spans. Draft Technical memos submitted for review and comment. *Available information was gathered* to the extent possible regarding local private sector service (jitney and minibus operators) characteristics as well.

#### METHODOLOGY:

Transit patronage is a function of multiple complex variables which span a spectrum of social, economic, level of service, safety and security, amenity, reliability, and land use and activity density values. In particular, it is widely recognized that transit level of service (service frequency) and service reliability (on-time performance) can make a substantial difference in generating and maintaining transit ridership.

It may be possible for the private sector to *develop transit services which augment existing county services, replace* those county *services which have been eliminated or reduced*, or *develop new areas of service*, while achieving sufficient profitability needed for private sector ventures without unfairly competing with existing county transit routes.

In an era of increasing auto use, decreasing average auto occupancy, generally declining public transit ridership, suburbanization of not only residential but commercial and business land uses, and

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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strong calls for significantly decreased federal operating support, transit agencies may need to focus on serving high patronage corridors with their traditionally large vehicles and fixed routes, and consolidating regional services, to achieve higher farebox recovery ratios and fiscal efficiency.

The *private sector*, with potential greater flexibility to respond to transit service needs, and with generally lower overhead costs, *may be able to expand upon sparse, reduced, or eliminated county transit services* without the subsidization levels required of public sector transit, and may be able to *deliver services which compliment, rather than compete*, with the long-term investment made by the county to serve the transit riding public. To perform these functions, a review of existing rules regulating the provision of transit services will need to be performed, and conditions under which, and areas within which, such reform may apply, will need to be specified, studied, and tested.

The purpose of this study remains to *disinterestedly determine appropriate arenas for incorporating an expanded role for the private sector* to provide transit service, to estimate impacts of implementing such reform, and to recommend one or two cases to pursue to test the recommendations in the local transit operating environment.

***Work Tasks:***

***1) Research of Rules and Regulations***

This task included reviews of FTA requirements, union contracts, County regulations, and other opportunities and constraints, within the legal context, to transit service provision in Miami-Dade County.

***2) Examination of the Public Transit System Operating Environment***

This task has included *reviews and analyses of agency service areas*, period- and route-based levels of service, the current labor situation, and other facets of transit service which may be pertinent, such as current and past lineups, service cuts proposed or enacted in the recent past, population and employment activity density by County subareas served by transit, transit ridership by route and corridor, and consideration of local ridership elasticities as important determinants of transit patronage.

***3) Develop Proposals for Initial Service Alternatives***

This task is currently progressing. It includes addressing tasks one and two to *develop* a series of *possible mutual public private* sector transit operating scenarios. Being included are consideration of suggestions forwarded by Transit Agency, TWU, and by private sector parties. Examples of proposals include the 3-tiered approach advanced by the TWU to segment service by vehicle type, the type of service provided, and a new potential categorization of drivers. Other alternatives or recommendations continue to be welcome for study; however, all analyses and evaluations will be conducted solely by the study team by objective criteria developed by the team.

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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Included in this task will be the organization, publicizing, and conduct of a one-day symposium to bring as many representatives from both public and private sector transit service-providing parties as feasible together in a forum to discuss concepts, plans, the transit environment, and any other factors important for study consideration. The symposium is intended to provide a platform for reasoned deliberation, and for screening of initial ideas and concepts for their respective advantages and disadvantages, points of divergence and unifying points, and for potentially fatal flaws.

**4) *Project Impacts and Results of Alternatives***

For each *alternative scenario*, impacts related to service area, level of service, and travel accessibility ***will be estimated***, for route, corridor, and system levels, from a transit patron's perspective, including the transportation disadvantaged.

Each will also have the effects of its implementation with respect to impacts on public transit operations, including patronage, revenues, and costs including maintenance and administration, if any. Effects on the union, and the number of drivers required under the various alternatives are to be assessed as well. Also included will be estimated costs of supervision, reporting, and accountability for provision of reliable and safe services by private sector providers operating in the public realm.

**5) *Develop Final Recommendations***

After the *alternatives* have been formulated, developed, and had their impacts estimated and assessed, they shall be ***comparatively evaluated*** with respect to system, corridor, and route level changes (i.e., estimated patronage, route and vehicle miles of service, route-level and corridor-level levels of service (frequency), population within walking distance (0.33 mile) and employment within walking distance (0.33 mile), and route-level and corridor-level service span), with respect to fiscal impacts for existing public transit, with respect to union impacts, and with respect to private sector participation costs incurred by public agencies regarding monitoring and compliance with appropriate rules and regulations to assure continuing and timely service delivery for transit patrons in their service area(s)

The most promising one or two *alternatives will be recommended for implementation*; implementation may be for the entire proposed package, or manageable but still meaningful parts thereof, to develop appropriately practicable situations to best test and subsequently evaluate selected alternatives in actual practice.

The study team will prepare its recommendations based upon its review and evaluation findings, and submit it to the project manager for distribution to interested parties, including U.S. DOT (FTA), FDOT (PTO), local decision makers, and the public.

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**END PRODUCTS:**

1. Technical Memo 1: *Review of Rules and Regulations* (completed during FY 97)
2. Technical Memo 2: *Public Transit System Operations Review* (completed during FY 97)
3. Technical Memo 3: *Alternatives Development and Initial Service Recommendations*
4. Technical Memo 4: *Alternative Operating Scenario Impact Estimation, and Selection of Test Case(s)*
5. *Analysis and Evaluation of Results*
6. Technical Report: *Project Final Report*
  - Executive Summary
  - Technical Memos as report chapters
  - Final Recommendations
  - Appendices as needed
  - Annotated bibliography of previous studies
  - Compendium of pertinent regulations
  - Monitoring data

**PROJECT MANAGER:**

Frank Baron

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Miami-Dade Transit Agency  
Florida Department of Transportation - District 6 (PTO)

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec

**FUNDING:**

\$ 14,000	PL 112	(\$11,470 Federal, \$2,530 Local)
\$ 60,000	Section 5303 FY 96	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
<u>\$ 40,000</u>	STP FY 99	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
\$114,000		

**TASK NUMBER AND TITLE:**

**2.13 DOWNTOWN KENDALL CHARRETTE**

**OBJECTIVE(S)**

*Chamber South*, acting through its partners (collectively known as “the Partnership”), will design an *Illustrative Plan for the future of Downtown Kendall*. A designee of the Partnership will serve as the leader of the consultant team. The Plan will concern itself with the existing corridors, mixed-use areas, and other areas of special interest within the area known as the *Datran-Dadeland Activity Center*.

**PREVIOUS WORK:**

A *Kendall Transit Study* was finalized in 1996, which touched upon the mobility needs of the area. No other charrettes have been carried out in the vicinity of Downtown Dadeland.

**METHODOLOGY:**

Following is the Scope of Services, as developed by the Partnership:

**Task 1 – *Pre-Charrette***

The Partnership will meet with the participating agencies and (1) prepare a press release and then (2) participate in a press conference to *elicit public support* for the project.

**Task 1a – *Site Visit/Press Release/Marketing Brochure***

The Partnership will visit the site. The Partnership will walk the site with the residents, property owners, and business owners. The Partnership will prepare a press release and artwork for a brochure of the charrette event for marketing purposes. Chamber South shall be responsible for the cost and printing of multiple copies of the brochures and the distribution of the brochures.

**Task 1b – *Initial Meeting/Presentation***

After the site visit, the Partnership will *meet with participating entities* and other invitees to explain the particular details regarding the scope and schedule of this project. A presentation will be delivered at the initial meeting. The Partnership will describe the charrette process in greater detail.

**Task 1c – *Data Collection/Base Maps***

Base drawings and background information will be gathered prior to and during the first site visit. The Partnership will use this base information to create a base map showing existing conditions, i.e. building footprints, curbs, parking lots. The Partnership will also prepare a drawing that shows proposed projects in available detail as they relate to the existing conditions. The Chamber South will collect proposed project information.

**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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**Task 1d – *Charrette Setup Coordination***

The Partnership will work with the participating entities to coordinate charrette logistics.

**Task 2 – *Public Charrette***

The Partnership will conduct a design charrette of at least seven days. The Partnership will investigate nearby examples of city centers and building types as well as the specific site and its context. The Partnership will gather and incorporate input with other participants or local experts as determined necessary in coordination with the participating entities.

**Task 2a – *Public Input Sessions***

The Charrette will start with several public input sessions. The Friday night session will begin with opening remarks and a slide presentation about urban design principles. On Saturday morning, the attendees will separate into small groups and gather around a site plan of the project area, equipped with markers, pens, and pencils. Each table will design a scheme with the assistance of a design team member. Someone from each table (other than the consultant) will present his or her table's plan to the larger group.

Two more scheduled sessions for the public include a mid-charrette presentation of work-in-progress and a closing presentation on the final evening of the charrette.

**Task 2b – *Design the Physical Plan***

The Partnership will design a physical plan that shows in a color suitable for publication the streets, blocks, curbs, public spaces, new and existing buildings, and civic buildings at a scale to be determined. The Partnership shall also analyze existing and proposed transit and transportation alternatives; such that, the Partnership is able to incorporate within the physical plan existing and proposed transit facilities located or to be located at the proposed site.

**Task 2c – *Identify Community and Economic Goals***

The Partnership will conduct interviews with vested stakeholders such as property owners, business owners, County Commissioners, Council Representatives, Miami-Dade County Planning and Zoning, and surrounding neighborhood representatives.

**Task 2d – *Charrette Presentation***

Briefly review the Charrette activities;  
Describe the results from the Charrette; and  
Present the drawings from the Charrette.

**Task 3 – *Final Presentation***

The Partnership will make a Final Presentation at a public meeting approximately four (4) weeks after the conclusion of the charrette. The Final Presentation will provide the following:

Briefly review the Charrette activities;  
Describe the results from the Charrette;

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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT**

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Present the Final Work Products;  
Show the significant details of the Illustrative Plan; and  
Present the Illustrated Guide to the basic principles of the plan.

**END PRODUCTS:**

*Illustrative Plan* at an appropriate scale, hand drawn and suitable for publication.  
*Perspective Renderings* (3-4) that have been hand drawn and are suitable for publication.  
*Diagrams* (2-3) representing various concepts such as preservation, transportation, and connectivity.  
*Detailed Proposed Site Plans* for 3-4 area of special interest.  
*Street Cross-Sections* that show street, traffic and pedestrian elements of key street types.  
*Illustrated Guide* to the basic principles of the plan.

**PROJECT MANAGER:**

Mario G. Garcia

**PARTICIPATING AGENCIES:**

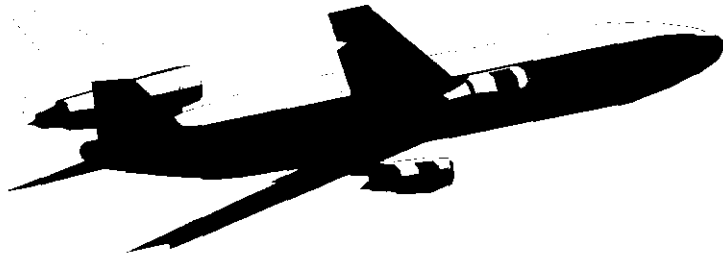
Metropolitan Planning Organization  
Miami-Dade Transit Agency  
Florida Department of Transportation  
Chamber South

**WORK SCHEDULE:**

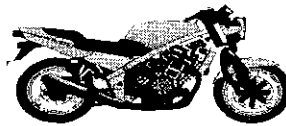
1998 Jul Aug Sep Oct Nov Dec  
1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:** \$ 50,000 Section 5307 (\$40,000 Federal, \$10,000 State, \$10,000 Local)  
\$ 50,000 State Department of Community Affairs (\$50,000 State)  
\$ 50,000 Private sources and includes South Florida Water Management District (\$50,000)  
\$150,000

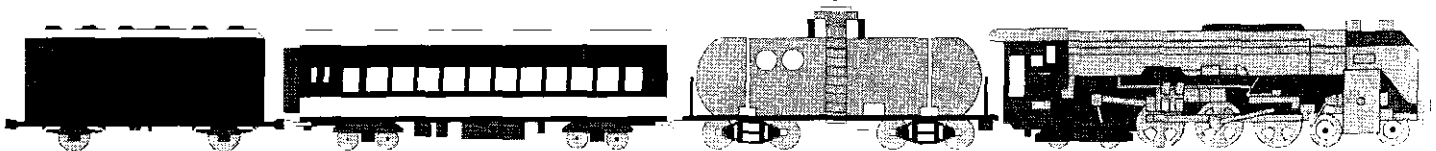
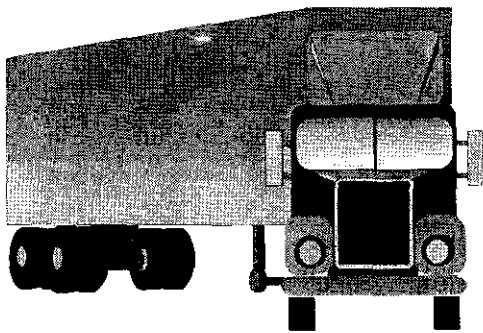




# Objective C



## Intermodal Transportation Planning





## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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#### TASK NUMBER AND TITLE:

#### **3.01 AIR QUALITY CONFORMITY DETERMINATION ASSESSMENT**

#### OBJECTIVE(S):

Meet the requirements of the 1990 Clean Air Act Amendment (CAAA); the Federal Conformity Regulations (40 CFR Parts 51 and 93); the State Implementation Plan (SIP); and the October 1997 U.S. Environmental Protection Agency (USEPA) new emission standards and combined emissions of oxides of nitrogen (NO<sub>x</sub>) and non-methane hydrocarbons (NMHC).

*Ensure that the Long Range Transportation Plan and Transportation Improvement Program are consistent and conform with the CAAA, the conformity regulations and the SIP.* Ensure that transportation and air quality plans and programs are developed in coordination with the other Southeast Florida airshed MPOs, state and local air programs and FDOT districts. Coordinate with the Miami-Dade Department of Environmental Resource Management (DERM) and FDOT District 6 Office to ensure the following: a) *planning and programming consultation among the three counties* effectively address air quality issues; b) *implementation of activities that follow the redesignation* of the Southeast Florida airshed *from ozone non-attainment to maintenance area*; c) appropriate contingency actions are taken and implemented if, once under maintenance status there is a air quality exceedance or any violations.

#### PREVIOUS WORK:

An *air quality conformity redetermination for the Year 2015 Long Range Transportation Plan* was completed by December 1997 following amendments to both the LRP and the TIP to include Turnpike projects. Inter-MPO consultation, in the form of an *Inter-MPO Consultation Committee*, has been conducted among the three MPOs (Palm Beach, Broward, Miami-Dade) and the State in the coordination of plans and programs required by Section 1024 of the Intermodal Surface Transportation Efficiency Act of 1991 (section 134 (e) of Title 23 U.S.C.). Coordination of regional issues related to the Florida Motor Vehicle Inspection Program (MVIP) with the Florida Metropolitan Advisory Council (MPOAC).

#### METHODOLOGY:

The following is the proposed methodology to be used in the conformity determination process following guidelines of EPA Final Rule of November 23, 1993 (40 CFR Parts 51 and 93).

1. ***Prepare data.*** All long range plan *proposed improvements* and approved and funded transportation projects included in the FY 2000-2004 Miami-Dade County Transportation Improvement Program (TIP) will be *coded into the Transportation network* for later emission impact analysis. This includes all highway and transit projects (consistent with EPA rule and FDOT directive), as follows:

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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TIP: Document that all non-exempt TIP projects are included in the conforming LRP.

LRP: Coordinate with consultant performing LRP modeling so that accurate inputs are used and that AQ implications of all alternatives are considered.

2. ***Assess Transportation Control Measures (TCM's)***. All implemented *measures* aimed to regulate and reduce mobile source emissions ***are to be detailed and listed*** and their all operational status assessed as a requirement to qualify for potential emission credits and bonuses as disclosed by EPA in previous meetings.
3. ***Off Model Analysis: Document*** air quality *benefits* of projects and programs not included in the regional model.
4. ***CMAQ Projects: Analyze*** air quality *benefits* of eligible Congestion Mitigation/Air Quality (CMAQ) funded projects.
5. ***Perform model simulations and a mobile source emissions output analysis***. Emissions should be established in tons per day and should include Volatile Organic Compounds (VOCs), Carbon Monoxides (COs), and Oxides of Nitrogen (NOXs). The LRP, must demonstrate (a) satisfaction of the VOC and NOx emissions predicted for a given action scenario are less than the emissions predicted in the Baseline scenario in each analysis year; (b) the Action scenario contributes to a reduction in emissions from the 1990 base year emissions inventory by any non-zero amount; and (c) that emissions for each pollutant or pollutant precursor projected from the Action scenario are equal to or less than emissions in the motor vehicle emissions budget. Assess emission results and compare them on a percentage-basis with existing emission records from the 1990 Base Year.
6. ***Regional Coordination:*** Participate in and host (on a rotating basis) meetings of the SE Florida Inter-MPO Air Quality Committee.
7. ***Statewide Coordination:*** Participate in statewide efforts related to SIP revisions, training, reviews of statewide policy and procedure documents, Motor Vehicle Inspection Program (MVIP) modifications, and any other related issues and/or forums.
8. ***Prepare*** an air quality ***conformity determination assessment*** on the most recently adopted or amended Long Range Plan, per ISTEA requirements.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**END PRODUCTS:**

1. Fully *updated highway and transit networks Vehicle Miles Traveled* (VMT's) report.
2. Fully *updated highway and transit networks emission output reports*.
3. *Conformity Air Quality Assessment* on the Year 2020 Long Range Plan and any amendments to the current year 2015 LRP.
4. *Conformity Determination Report* for FY 2000 - 2004 TIP and any amendments that may occur during the fiscal year.
5. Documentation in support of Inter-MPO Technical Coordination committee meetings.

**PROJECT MANAGER:**

Carlos Roa

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department of Transportation - District Six  
Miami-Dade County Department of Environmental Resources Management - DERM  
Miami-Dade Transit Agency - MDTA

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 45,000	Section 5303	(\$36,000 Federal, \$4,500 State, \$4,500 Local)
\$ 40,000	PL112	(\$32,772 Federal, \$7,228 Local)
<u>\$ 30,000</u>	Section 5303 FY 97	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$115,000		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

#### TASK NUMBER AND TITLE:

Project carried forward from FY 1998 UPWP

#### **3.02 DOWNTOWN MIAMI TRANSPORTATION MASTERPLAN**

#### OBJECTIVE:

*Develop* an overall *Downtown Miami Transportation Masterplan* and strategies for project scheduling and funding. The masterplan would be developed in conjunction with current transportation project plans which include the seaport tunnel, I-395 reconstruction, I-395 downtown ramps, Biscayne Boulevard widening, downtown traffic loop and east-west transit. The masterplan will also take into consideration new downtown development projects including the Performing Arts Center, Sports Arena, Seaport Expansion, Overtown redevelopment and the International Trade Center. The study will include public and private participants in all these projects and all segments of the downtown community. The study will examine and update prior masterplan work including the Downtown Miami Masterplan and recent conceptual planning work for the areas of the Performing Arts Center, Overtown and Bayfront.

#### PREVIOUS WORK:

1. Organized the Downtown community in a *series of workshops* to present current projects and to identify transportation needs.

#### Community *participants included*:

- TMA members representing major employers, residents and transportation user groups;
- DDA Board members;
- Greater Miami Chamber of Commerce New World Center Group;
- Downtown Miami Partnership and Merchant Association;
- Brickell Area Association;
- Park West Association;
- Southeast Overtown Advisory Council;
- Omni Area Association; and
- Hotel and Conventions Bureau;

#### *Planning and design professionals* for the:

- Performing Arts Center;
- Sports Arena;
- Seaport Expansion; and
- East-West transit;
- Government agencies and their consultants from the:
- Florida Department of Transportation;
- South Florida Regional Planning Council;



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**PARTICIPATING AGENCIES:**

Florida Department of Transportation  
South Florida Regional Planning Council  
Miami-Dade County Metropolitan Planning Organization  
Miami-Dade Transit Agency  
City of Miami

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
<u>\$50,000</u>	STP FY 98	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$60,000		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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#### TASK NUMBER AND TITLE:

#### **3.03 CENTER FOR URBAN TRANSPORTATION RESEARCH SUPPORT**

#### OBJECTIVE(S):

This effort proposes to *provide* the Miami-Dade Transit Agency with *technical assistance* in the implementation of a variety of internal management and service delivery improvements through an interlocal agreement with the State of Florida's Center for Urban Transportation Research (CUTR).

#### PREVIOUS WORK:

The Miami-Dade Transit Agency has utilized the technical services of the Center for Urban Transportation Research (CUTR) for the past six years. Some of the *projects* CUTR has *completed* in the past year *included*: A *review of the Public Services Division* with recommendations for how to better respond to passenger complaints and how to reallocate personnel resources based on demand for telephone information; *Review and Assessment of Electronic Kiosk Information Systems*; Measuring the *impact of Metrorail and Metromover* on development in Miami-Dade County; *Review of the potential for automated bidding processes* in bus operator assignments; The *development of a manual for the operation of the new Automated Vehicle Location consoles*.

#### METHODOLOGY:

The primary tasks of this agreement will include a variety of *work efforts to address issues facing the Miami-Dade Transit Agency*. These efforts are identified on an as needed basis throughout the year. The types of projects that might be authorized this year are listed below.

#### END PRODUCTS:

1. *Measuring the economic development impact* of the extension of Metrorail on development in and around the *area of the Palmetto Expressway* where Metrorail will soon be extended.
2. *Ongoing technology transfer* where CUTR shares the results of the dozens of research projects CUTR performs annually for a variety of local, state, and federal clients.
3. Supplement element #2.02 on the completion of a major *update of the Transit Development Plan* for MDTA.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**PROJECT MANAGERS:**

Joel Volinski  
Mario G. Garcia

**PARTICIPATING AGENCIES:**

Miami-Dade Transit Agency (MDTA)  
Center for Urban Transportation Research (CUTR)  
Metropolitan Planning Organization

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$100,000      Section 5307      (\$80,000 Federal, \$10,000 State, \$10,000 Local)

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**TASK NUMBER AND TITLE:**

**3.04 COMPREHENSIVE BICYCLE/PEDESTRIAN PLANNING PROGRAMS**

**OBJECTIVE(S):**

To *increase the use of non-motorized ground transportation* by 1) implementation of the Bicycle Facilities Plan, South Dade and North Dade Greenways Networks and the Trails Maintenance Study recommendations; 2) further development of Specific Area Mobility Studies; 3) encouraging and coordinating citizen and municipal involvement; and 4) continuing Engineering, Education, and Encouragement activities.

**PREVIOUS WORK:**

1. *Adoption of a Bicycle Facilities Plan, a South Dade Greenways Network, a North Dade Greenways Study* and a *policy to program 1.5% of surface transportation projects* funding towards non-motorized transportation development into the Long-Range Transportation Planning process. As well as initiation of a comprehensive maintenance plan.
2. Assisted with the *development of bicycle and pedestrian facilities* for the County, State, local municipalities, private developers and community groups, including participation in committees/discussions regarding policy and practices.
3. *Staff support for the Bicycle/Pedestrian Advisory Committee (BPAC)* and assistance for the media, various organizations and the general public to assure citizen involvement.
4. Held bicycle/pedestrian safety rallies at various schools/community centers; as well as distributed safety brochures to the general public.
5. Encouraging non-motorized transportation through *expansion of bicycle/transit integration programs* with MDTA and Tri-Rail; and on going distribution of route and path maps, and the Bike Miami roadway suitability map.

**METHODOLOGY:**

**TASK 1 - *Bicycle Planning***

*Monitor the Transportation Improvement Program;* review of advanced notification projects from the Development, Planning & Regulation Dept., design plans from the Public Works Dept. and Florida Dept. of Transportation.

**TASK 2 - *Pedestrian Planning***

Further *development of specific area mobility studies*, based upon pedestrian trip generators, accident statistics, ADA data, and CDMP goals and objectives.

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**TASK 3 - *Comprehensive Programs***

Administration

- a. Provide *staff support for the BPAC*. This includes: scheduling meetings, preparing agendas and minutes, identifying issues and following-up on directives, in order to provide public input into the planning process.
- b. ***Review of technical, regulatory and legal materials;*** including roundtable discussions with various County and State officials, local municipalities and other planning boards.
- c. Liaison to media, municipalities, and the community at large.

Education

- a. Provide *guidance for planners, engineers, developers, and citizens*.
- b. Assist with *bicycle safety rallies* for hospitals, law enforcement agencies and community groups, including distribution of safety educational materials to the general public.

Encouragement

Assist *development of programs encouraging bicycling/walking* for both transportation and recreation. This includes: monitoring/administration of the Bike&Ride & Metrorail locker programs, publishing/distribution of brochures on cycling and walking routes/health paths, the Bike Miami bicycle suitability map, assisting local groups, etc..

Enforcement

- a. Assist law enforcement agencies with *strategies to improve* bicycle and pedestrian *law enforcement*, and activities leading to improved bicyclist/pedestrian behavior.
- b. Maintain records of non-motorized transportation crashes for future analyses.

Engineering

- a. Assist the County, State and municipal governments, local developers and community groups with the *design and development of bicycle/pedestrian facility projects or plans*.
- b. ***Implementation of the Bicycle Facilities Plan, and South Dade and North Dade Greenways Networks*** by assisting with the coordination of projects with Miami-Dade County Works Dept., FDOT, local municipalities and private developers.

**END PRODUCTS:**

***Bicycle Planning: Projects enhancing bicycle mobility*** in Miami-Dade County and providing bicycle accommodations to those corridors identified in the Bicycle Facilities Plan, and South Dade and North Dade Greenways Networks. BPAC resolutions regarding future plans, projects and proposals.

***Pedestrian Planning: Specific Area Mobility Studies*** describing goals and objectives, policy statements, or design proposals.

# 1999 UNIFIED PLANNING WORK PROGRAM

## OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

### *Comprehensive Programs:*

Administration: Staff support for the Bicycle/Pedestrian Advisory Committee. Purchase new computer equipment compatible with newer versions of operating systems and software.

Education - Assist and provide information for planners, engineers, etc. on proper design of bicycle/pedestrian facilities. Educational materials and programs for children/adults.

Encouragement - On-going assistance for special events for the public. Bike&Ride and Metrorail bicycle locker management. Bicycle/walking route/tour and facility maps.

Enforcement - Assist with strategies to improve safety conditions resulting from the development of more facilities. Activities leading to improved compliance to traffic laws.

Engineering - Programs and projects which provide roadway/off-road systems to encourage and more safely accommodate bicycle/pedestrian mobility.

### **PROJECT MANAGER:**

Jeffrey Hunter

### **PARTICIPATING AGENCIES:**

Metropolitan Planning Organization Secretariat Office  
Florida Department of Transportation

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

### **FUNDING:**

\$ 40,000	STP FY 99	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
<u>\$ 90,000</u>	STP FY 98	(\$72,000 Federal, \$9,000 State, \$9,000 Local)
\$130,000		

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**TASK NUMBER AND TITLE:**

**3.05 IMPROVING REGIONAL TRANSPORTATION PLANNING**

**OBJECTIVE(S):**

To *improve a regional transportation planning process* which is result oriented, enhances the integration between local planning and regional planning, and insures multi-jurisdictional coordination with respect to regional transportation system planning.

**PREVIOUS WORK:**

This project undertaken by the South Florida Regional Planning Council began in FY 1990 and has been continuing through FY 1998. During FY 1998 Council staff has actively participated in the *Study Advisory Committee regarding a regional transit organization*, including *Eastward Ho!* an urban infill endeavor to revitalize the eastern portion of the Miami-Dade, Broward and Palm Beach counties, and the *Florida Overland Express* workshops which deal with high speed rail.

**METHODOLOGY:**

The Regional Planning Council will continue to provide transportation planning and technical assistance the aim to improve regional transportation planning.

1. *Continuing to provide transportation planning and technical assistance.*

Highlights of transportation planning and technical assistance activities that Council staff will continue to participate include, for example, the following.

- a Continue to *participate in the Study Advisory Committee for the Regional Transit Organization* for Palm Beach, Broward and Miami-Dade Counties.
- b Continue to serve on and participate in the *Steering Committee of the South Florida Aviation System Planning Process*.
- c Continue to participate in the *Advisory Committees for major transportation projects* such as the North Corridor, Miami Inter-modal Center (MIC), and the East-West Corridor project.
- d Continue to serve on and participate in the *Advisory Committee for the Statewide Transit Strategic Plan*, as part of the Florida Transportation Planning Process.

2. *Continue the operation of the Multi-modal Regional Transportation Systems Committee.*

The Multi-modal Regional transportation Systems Committee was formed in February 1992. There are two major objectives of the committee. The first is to enhance the intergovernmental

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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coordination of regional multi-modal transportation system planning. The second is to promote the integration between transportation planning and regional planning.

Active Committee participants include representatives from Miami-Dade and Broward MPOs, State DOT and DEP, County's planning departments, air quality agencies, transit agency, transportation consultant and universities. The Committee has also been operating as a forum for exchanging ideas as well as fostering new ideas. For example, some of the topics the Committee has discussed include the use of Intelligent Transportation System (ITS) in South Florida; transportation and land use relationships; impacts of federal and state transportation legislation such as ISTEA; and discussion of major transportation planning studies in the region.

The continuation of the Multi-modal Regional Transportation System Committee will continue to provide a regional forum to be supportive of effective regional transportation planning. An important initiative is to *coordinate and facilitate the implementation of the Transportation component of the Strategic Regional Policy Plan (SRPP) for South Florida*. In the year 1998, Council staff has been working closely with the Governor's Commission for a Sustainable South Florida and the Florida Department of Community Affairs on the Eastward Ho! Initiative to promote infill and redevelopment in the historically urbanized eastern corridor in southeast Florida. The direction of this initiative is also clearly outlined in the SRPP. Transportation strategies are a critical component for the implementation of the Eastward Ho! initiative.

Several *implementation themes* will be discussed and explored by the Committee during FY 1999. They include the following:

- a *Information system support and coordination*, especially the GIS system and the Internet technology for regional transportation planning;
- b *Approach for a Long Range Regional Transit;*
- c Transportation planning to encourage redevelopment along the eastern corridor (located generally between the Florida East Coast (FEC) Rail and South Florida Rail/I-95);
- d *Regional funding options;* and
- e Coordinating regional transportation policy/planning research.

Additional implementation themes may also be suggested by the Miami-Dade and Broward MPOs and the Transportation Committee participants.

#### **END PRODUCTS:**

*An improved regional transportation planning and issue management process* which focuses on results and is designed to meet the specific needs for South Florida; this will also improve coordination among Miami-Dade, Broward, Monroe as well as neighboring Palm Beach County by focusing on the shared issues that are multi-jurisdictional in nature.

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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**PROJECT MANAGERS:**

Carolyn Dekle

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$25,000      PL112      (\$20,483 Federal. \$4,517 Local)

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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TASK NUMBER AND TITLE:

Carried forward from FY 1998 UPWP

#### **3.06 STATION AREA AESTHETICS, DESIGN & DEVELOPMENT PLANNING (SAADD)**

##### OBJECTIVE(S):

*To implement station area concept plans for six of the rail transit stations located on the future East-West transit line.* In conjunction with FDOT consultants working on project, City of Miami ("City") and Miami-Dade County ("County") staff will prepare implementation mechanisms addressing station area land use, development potential, traffic circulation and parking, and urban design and aesthetics, together with documentation, interlocal agreements, and legislative actions for adoption by involved governing bodies, and oversee initial activities to ensure implementation of the SAADD plans prepared by FDOT consultants.

##### PREVIOUS WORK:

Definition of the *Station Study Areas, and the Existing Conditions Report* have been completed by the FDOT consultants for the Station Area Aesthetics Design and Development (SAADD) Program. The stations are as follows:

- *"Palmetto Station" - Southeast quadrant of SR 826 and SR 836 - unincorporated Miami-Dade County*
- *"Blue Lagoon" - at NW 65 Ave. and NW 7th Street - Unincorporated Miami-Dade County*
- *"27th Avenue Station"- East of NW 27 Ave. and north of SR 836 - City of Miami*
- *"Orange Bowl" - North of the Orange Bowl adjacent to the south side of NW 7 St. - City of Miami*
- *"Government Center Station" - Below ground north of Metrorail platform in Downtown Miami - City of Miami*
- *"Maritime Park" - Beneath arena/park site east of Biscayne Blvd. - City of Miami*

The City of Miami (Department of Planning and Development) and Miami-Dade County (Planning, Development and Regulation Department) were consulted and gave comments during identification of the study areas. They provided some data, reviewed and provided comments on the Existing Conditions Reports and reviewed and provided comments on the draft goals and objectives for the stations in their respective jurisdictions.

(The remaining two East-West line stations—at the Miami Intermodal Center and the Port of Miami—are being planned under a separate study)

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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#### METHODOLOGY:

Working in conjunction with the FDOT consultants on the project over a two year period, City and County staff will *assist the FDOT consultant in review and refinement of these components* of the consultant's approved scope of services:

- *Station Area Profiles*, including preparation of a Station Area Profile Report;
- *Station Area Concept Plans*, including transit station development potentials, traffic circulation and access, alternative concept plans including land use, transportation, urban design, and aesthetic design elements, evaluation of concept plans, and development of final concept plans and design guidelines;
- *Implementation recommendations*, including recommended regulatory techniques, public sector actions, private sector actions, and preparation of station area handbooks.

This will include involvement in the following tasks:

- *Provision of data and information* from departmental records and databases;
- *Involvement in the public participation element* of the planning process;
- *Review and input to the technical work*, including mapping, analysis and presentation of land use, demographics and the physical and socioeconomic characteristics of station areas
- *Involvement in preparation of recommendations* for review and adoption by official City and County agencies; and
- *Preparation, refinement, revision or other finalization of legislation and supporting documentation to implement the SAADD recommendations* within the City and the unincorporated Miami-Dade County areas zoning, subdivision, and/or urban design standards; Miami Comprehensive Neighborhood Plan and/or Miami-Dade County Comprehensive Development Master Plan amendments, and Capital Improvements Program changes.

Each of these areas of work will require a collaborative effort involving the State, the Consultant, the City and the County to prepare, refine and ensure adoption of necessary implementing regulations, including zoning and other regulations, by the appropriate governing bodies.

#### END PRODUCTS:

Progress reports by City and County Staff on their direct participation and input in SAADD, including documentation of meetings, transmittals, and any reports or products developed by City or County specifically for the study.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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**PROJECT MANAGERS:**

Clark P. Turner, AICP  
Bob Usherson

**PARTICIPATING AGENCIES:**

City of Miami  
Metropolitan Dade County Department of Planning, Development and Regulation  
Florida Department of Transportation  
Miami-Dade Transit Agency  
Metropolitan Planning Organization

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$10,000	PL 112	(\$8,193 Federal, \$1,807 Local)
<u>\$75,000</u>	STP	(\$60,000 Federal, \$7,500 State, \$7,500 Local)
\$85,000		

**TASK NUMBER AND TITLE:**

Carried over from FY 1998 UPWP

**3.07 VANPOOL MARKETING PROGRAM**

**OBJECTIVE:**

In conjunction with the Florida Department of Transportation (FDOT), the Metropolitan Planning Organization (MPO) is responsible for the *management of the Vanpool Demonstration Project*. The objective of this task is to provide the additional marketing efforts needed to the success of the project and to support the MPO staff assigned to manage the project.

**PREVIOUS WORK:**

The *Vanpool Demonstration Project is the result of the Congestion Mitigation Public-Private Partnership Study* conducted for the MPO in 1994. During FY 1998, the consultant team of Vanpool Services Incorporated (VPSI), Inc., was selected to conduct this program.

**METHODOLOGY:**

**I. *Analysis of the Project***

The MPO and FDOT will *analyze the operation of the Vanpool Demonstration Project* to identify what areas need additional marketing and technical support.

**II. *Determination of Needs***

Based on the findings made in the previous task, an implementation plan shall be developed to determine in details the actions to be taken. These actions could be focused in promoting the use of the vanpool, reinforcing the maintenance and service areas for the users, establishing innovative ideas in attract more participants, and obtaining additional benefits for participants, among other.

**III. *Preparation of an Implementation Plan***

To address the needs of the project, some of the *actions that could be considered are:* conduct *surveys*, prepare brochures, establish communications with the media (radio, newspaper or TV), meetings with employers, *interview users, identify additional revenues* sources, and encourage the participation of the private sector, among others. It's important to mention that this plan include the implementation of the recommended actions.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING**

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***IV. Administrative Support***

The MPO will have staff personnel assigned to this project. Therefore, all administrative responsibilities for running the project fall under the MPO. Reports and documents will be generated in the office to keep account of the progress and success of the project. The funds requested in this task will be dedicated to the MPO's staff assigned to the project. Additionally, this task may require the acquisition of hardware and software to fulfill this responsibility.

**END PRODUCTS:**

1. Annual ***Report: Operation of the Vanpool Project***
2. Reports regarding plans and actions taken in Task III.
3. Brochures, Bulletins, News Letters or any other document generated as part of this program.

**PROJECT MANAGER:**

Jesus Guerra

**PARTICIPATING AGENCIES:**

Miami-Dade Metropolitan Planning Organization  
Florida Department of Transportation, District VI

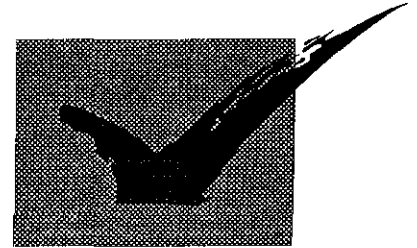
**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

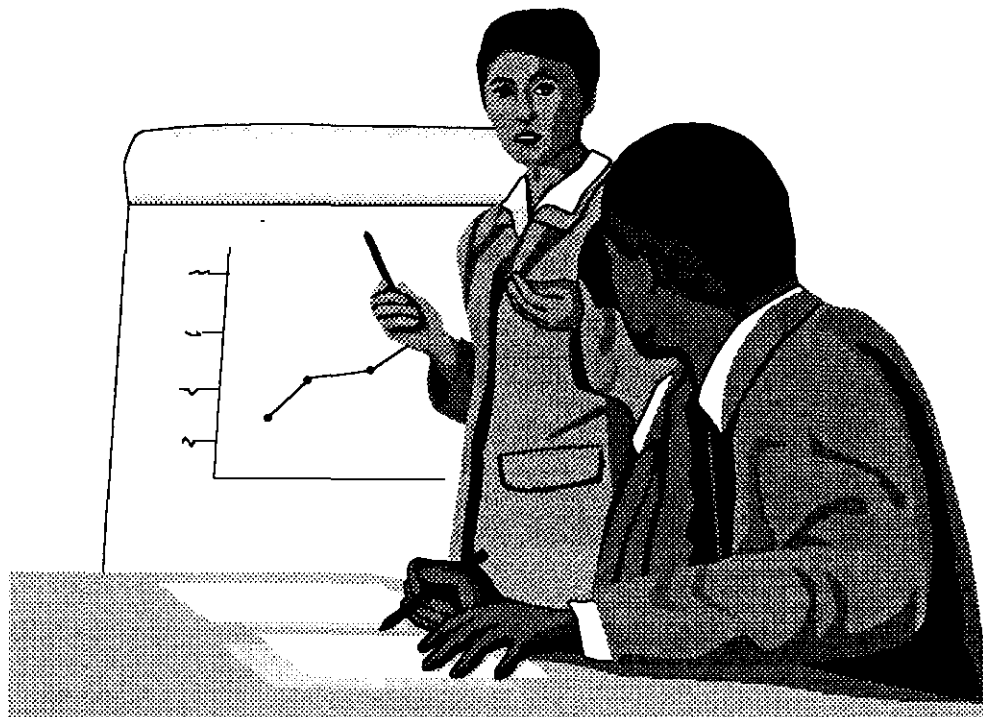
\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
<u>\$65,000</u>	STP FY 97	(\$52,000 Federal \$6,500 State, \$6,500 Local)
\$75,000		



# Objective D



## Transportation Planning Decision Making and Funding



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.01      UPWP ADMINISTRATION**

#### OBJECTIVE(S):

*Manage the administrative aspects of the Unified Planning Work Program (UPWP) for transportation to include respective funding sources.*

#### PREVIOUS WORK:

This is a *continuing activity*.

#### METHODOLOGY:

- a. ***Manage current year planning activities.***
  1. Ensure the effectiveness of the on-going planning program to meaningfully resolve issues on a continuous and regular basis.
  2. Propose UPWP revisions, as appropriated, to respond to changing conditions. Convene the UPWP Committee to review proposed revisions. Present revisions to the TPC, the MPO Board, and funding agencies.
  
- b. ***Administer the Work Order System.***
  1. Work with the individual project manager and divisions/department heads and prepare draft Work Order Requests and process in order to validate charge accounts and financial procedures.
  2. Review Work Order Requests to ensure consistency with the approved UPWP and grant budgets and process according's.
  3. Obtain concurrence of the Finance divisions involved.
  4. Issue Work Orders.
  5. Revise Work Orders in accordance with approved grant budgets and the procedures approved by the TPC and MPO Board. Issue revised Work Orders.
  
- c. ***Administer grants supporting the UPWP.***
  1. Prepare work scope(s) for planning grants and process grant applications and awards, as necessary.
  2. Prepare grant revision requests in response to UPWP revisions and other budget adjustments approved by the TPC/MPO Board.
  3. Review the status of grants with funding agencies on a periodic basis.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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- d. ***Prepare progress reports.***
  - 1. Prepare monthly fiscal reports describing the status of Work Orders, budget authorizations, estimated expenditures, and requested Work Order revisions.
  - 2. Request deliverables from projects managers as they become due and summarize and prepare for submission to funding agencies.
  - 3. Prepare Quarterly Progress Reports and submit to the TPC for approval.
- e. ***Process Reimbursement Requests to funding agencies.***
  - 1. Review requests and back-up fiscal information prepared by the Finance Department.
  - 2. Transmit requests to funding agencies.
- f. ***Close-out grants.***
  - 1. Initiate close-out proceedings.
  - 2. Prepare and transmit final budgets and other supporting fiscal information.
  - 3. Prepare and transmit Project Completion Report.
  - 4. Facilitate the performance of audits, as necessary.
- g. ***Travel.***
  - 1. Travel requests to support transportation planning activities for staff.

**END PRODUCTS:**

- 1. Revisions of FY 1999 UPWP, as appropriate.
- 2. Work Orders
- 3. Expenditure records
- 4. Grant Revision Requests
- 5. Monthly Fiscal Reports
- 6. Quarterly Progress Reports
- 7. Reimbursement Requests
- 8. Project Completion Reports

**PROJECT MANAGER:** Oscar Camejo

**PARTICIPATING AGENCY:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

**WORK SCHEDULE:**      1998    Jul Aug Sep Oct Nov Dec  
   1999    Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**  
\$35,000      Section 5303 (\$28,000 Federal, \$3,500 State, \$3,500 Local)  
\$35,000      PL112      (\$28,675 Federal, \$6,325 Local)  
\$70,000



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.02 MPO BOARD STAFF SUPPORT**

#### OBJECTIVE(S):

*Ensure proper resolution of critical transportation issues by the MPO Board.*

#### PREVIOUS WORK:

MPO Board support is a *continuing activity*. It entails updating MPO Board members and municipalities on transportation related issues and their impact.

#### METHODOLOGY:

- a. ***Provide staff support for the MPO Board***
  1. Identify critical transportation planning issues.
  2. Organize meetings. Prepare agendas and back-up materials/documentation.
  3. Prepare, certify and process MPO Board Resolutions.
  4. Prepare Minutes and follow-up on directives.
  5. Respond to concerns of MPO Board members.
  6. Provide direct Staff support to MPO Board members.
- b. ***Provide staff support for Municipal Coordination***
  1. Contact officials and staff of Miami-Dade municipalities on a regular basis, to advise them of upcoming transportation planning activities and to insure their timely participation in the early stages of program and project development.
  2. Coordinate technical and official input from individual municipalities and respond to their concerns as plans and programs are prepared. Provide MPO Agenda and back-up materials on a regular basis.
  3. Provide direct staff support to MPO Municipal Board member.
- c. ***Provide staff support for the MPO Committees and Task Forces.***
  1. Identify critical transportation planning issues.
  2. Support intergovernmental review activities.
  3. Support various task forces, such as the Tri-County Regional Organization, High Speed Rail and the Miami-Dade County Expressway Authority (DCEA). Serve on the Miami-Dade County Development Impact Committee.
  4. Work with SFRPC on issues pertaining to transportation requirements of the State Growth Management Legislation and other related regional issues.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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5. Organize and support staff working groups and task forces addressing issues as they emerge.
  6. Participate in deliberations and meetings held by the statewide MPO Advisory Committee and other Federal, State and Local Committees that deal with legislative and policy-related questions.
  7. Act as liaison between MPO and County Legislative Coordinator during annual State Legislative session.
- d. Hardware and Software Environments  
Purchase a computer system and respective software.

**END PRODUCTS:**

1. *MPO Agendas* and back-up material.
2. MPO Summary Minutes.
3. Minutes of various task forces and staff working groups, as appropriate.
4. Correspondence for pertinent official agencies, as necessary.
5. Briefings to appropriate parties on the development and progress of transportation-related legislation during the annual State Legislative session.
6. Correspondence as necessary to maintain effective official and technical municipal involvement in the MPO process.

**PROJECT MANAGER:**

Irma San Roman

**PARTICIPATING AGENCY:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

**WORK SCHEDULE:**

1998	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>

**FUNDING:**

\$ 32,000	Section 5303	(\$25,600 Federal, \$3,200 State, \$3,200 Local)
\$130,000	PL112	(\$106,509 Federal, \$23,491 Local)
<u>\$ 50,000</u>	Section 5307	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$212,000		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.03        UPWP DEVELOPMENT**

#### OBJECTIVE(S):

*Maintain a multi-modal planning program* that responds to on-going community transportation needs to the most critical transportation service delivery issues.

#### PREVIOUS WORK:

This is a *continuing activity*.

#### METHODOLOGY:

##### *Prepare the FY 2000 UPWP:*

- a. Update the list of planning issues and the statement of program objectives.
- b. Prepare estimates of potential planning funds available to support the program. Initiate arrangements for matching funds. Submit correspondence to funding agencies on the various development phases of the program and responses to their inquiries and requests.
- c. Work with the UPWP development Committee. Propose specific activities responding to program objectives. Prepare an initial budget allocation.
- d. Prepare detailed project descriptions, budgets, and product lists.
- e. Assemble the Review Draft of the FY 2000 UPWP.
- f. Present the Review Draft of the program to the Transportation Planning Council for their approval. Transmit the TPC-approved program to the funding agencies for their comments.
- g. Solicit comments from the Citizens Transportation Advisory Committee (CTAC) and other key private and civic organizations.
- h. Working with the UPWP Committee, revise the draft program in response to comments submitted by all parties, the status of FY 99 activities, and revised funding estimates.
- i. Present the Final Draft of the program to the Transportation Planning Council and the MPO Board for approval. Transmit the Final Draft to the funding agencies for use as work scope for planning grants.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**END PRODUCTS:**

1. *Update of the issue list and program objectives* to be considered in preparing the FY 2000 UPWP
2. Review Draft of the FY 2000 UPWP
3. *Final Draft of the FY 2000 UPWP*

**PROJECT MANAGER:**

Oscar Camejo

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6  
Miami-Dade Transit Agency

**WORK SCHEDULE:**

1998	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	Jul	Aug	Sep	Oct	Nov	Dec

**FUNDING:**

\$30,000	PL112	(\$24,579 Federal, \$5,421 Local)
<u>\$30,000</u>	STP FY 99	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$60,000		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.04 TRANSPORTATION IMPROVEMENT PROGRAM**

#### OBJECTIVE(S):

*Maintain* a formal and current 5-Year *Transportation Improvement Program (TIP)* consistent with long-range planning activities and with statutory requirements. The TIP is the staged, intermodal program of transportation improvement projects for the metropolitan planning area developed pursuant to 23CFR part 450, and consistent with the requirements established in Title 23 USC 134(h) and Section 339.175 of the Florida statues.

#### PREVIOUS WORK:

This is a *continuing work element* of the metropolitan transportation planning process.

#### METHODOLOGY:

- a. *Maintain* the permanent Standing *Committee for TIP Development and Review* as a vehicle to facilitate a continuous and accurate involvement of the TIP document as the cycle progresses.
- b. *Coordinate the preparation and prepare 5-year proposals* for capital expenditures for all transportation modes. Coordinate input from all participating agencies. Coordinate with the Miami-Dade County Office of Management and Budget the review of capital budgets from county agencies to ensure conformity with the TIP and the Capital Improvement Element (CIE) of the Comprehensive Development Master Plan with the County's Annual Capital Budget and Multi-Year Capital Plan. Consider the requirements and results of the ISTEA-mandated management systems.
- c. *Review scope of projects, priorities and schedules.*
- d. *Coordinate Transportation Improvement Program (TIP) with long-range plan and programmatic goals.* Give priority consideration to roadway segments identified as operating below acceptable level of service standards.
- e. *Evaluate the TIP's impact on regional air quality* as required by the Clean Air Act Amendment of 1990 and the EPA/FHWA Transportation Conformity Rule.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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- f. Maintain *ongoing activities to monitor and report* on progress and status of programmed *projects*.
- g. *Prepare document* for MPO Committees, and Board review and approval.

**END PRODUCTS:**

A multi-modal *Transportation Improvement Program (TIP) document* for Fiscal Year 2000, with forecasts of needs through 2004.

**PROJECT MANAGER:**

Carlos Roa

**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department of Transportation - District VI  
Miami-Dade Public Works  
Miami-Dade Transit Agency  
Miami-Dade Aviation Department  
Miami-Dade Seaport Department  
Miami-Dade Office of Management and Budget  
Miami-Dade County Expressway Authority

**WORK SCHEDULE:**

1998	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>

**FUNDING:**

\$ 60,000	STP FY 99	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
\$ 62,500	Section 5303	(\$50,000 Federal, \$6,250 State, \$6,250 Local)
\$ 20,000	PL112	(\$16,386 Federal, \$3,614 Local)
<u>\$129,000</u>	Section 5307	(\$103,200 Federal, \$12,900 State, \$12,900 Local)
\$271,500		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.05      CITIZEN AND PRIVATE SECTOR INVOLVEMENT**

#### OBJECTIVE(S):

*Provide the Citizens Transportation Advisory Committee (CTAC) and community with information regarding transportation needs and proposals for meeting these needs. Ensure citizen and community input in all aspects of multi-modal transportation planning and decision-making process before plans and programs are approved. Ensure architectural and aesthetic review of major bridges and transportation projects, via the Transportation Aesthetics Review Committee (TARC).*

#### PREVIOUS WORK:

This is a *continuing activity*.

#### METHODOLOGY:

- a. *Provide coordination and staff support to CTAC and its six subcommittees.*
  1. Identify transportation planning issues for CTAC review
  2. Organize meetings. Prepare agendas and back-up materials/ documentation
  3. Prepare CTAC Resolutions
  4. Prepare minutes, follow-up as necessary
  5. Respond to day to day concerns of CTAC members
  6. Perform administrative functions related to committee structure, rules, member appointments, attendance, vacancies etc.
  7. Follow CTAC Resolutions and motions thru the MPO's Committee structure for consideration i.e. TPC, TPTAC.
- b. *Respond to CTAC, and community concerns* as plans and programs are developed as part of the update of the Transportation Plan, the Transportation Improvement Program, the Unified Planning Work Program, and the Transit Development Program.
- c. *Provide coordination and staff support to the TARC.*
  1. With Chairperson and staff, identify transportation projects with potential visual and aesthetic impacts for inclusion in agendas

## 1999 UNIFIED PLANNING WORK PROGRAM

### **OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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2. Monitor projects and coordinate with all relevant agencies for project review and follow up
  3. Organize meetings. Prepare agendas, and back-up materials, and documentation
  4. Prepare recommendations, resolutions, correspondence and minutes
  5. Respond to concerns of TARC members
  6. Perform administrative functions related to committee structure, rules, attendance vacancies etc.
  7. Work with TARC and agencies to find better ways to integrate aesthetics and community design in transportation projects.
- c. Provide a *forum for community input*, via CTAC, that will allow a detailed consideration of the various issues. Follow-up reports on CTAC requests will be prepared and submitted to appropriate county agencies.
- d. *Advise the BCC and the MPO on transportation issues* affecting the citizens of Miami-Dade County and provide an independent and broad-based monitoring of on-going planning and implementation activities.

#### **END PRODUCTS:**

1. *CTAC agendas*, minutes, resolutions and back-up materials
2. Subcommittees agendas, minutes, and back-up materials
3. *TARC agendas*, minutes, and backup materials; status report as requested
4. Minutes of special hearings and public meetings
5. Correspondence and resolutions documenting citizen input on various planning proposals; administrative documentation and correspondence regarding committee structure appointments, attendance, vacancies etc.
6. Meetings and correspondence with County and State Agencies, as necessary to maintain effective citizen involvement in the MPO process.

#### **PROJECT MANAGERS:**

Clinton Forbes  
Susan Schreiber

#### **PARTICIPATING AGENCY:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 70,000	Section 5303	(\$56,000 Federal, \$7,000 State, \$7,000 Local)
\$ 55,000	PL112	(\$45,062 Federal, \$9,938 Local)
<u>\$ 30,000</u>	Section 5303 FY 97	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$155,000		

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**TASK NUMBER AND TITLE:**

**4.06            TECHNICAL COMMITTEES SUPPORT**

**OBJECTIVE(S):**

Ensure *proper resolution of critical transportation issues by the Transportation Planning Council (TPC)* and its committees.

**PREVIOUS WORK:**

This is a *continuing activity*.

**METHODOLOGY:**

- a.     *Provide staff support to the Transportation Planning Council (TPC).*
  1.     Identify critical transportation planning issues.
  2.     Organize meetings. Prepare agendas, memorandums and back-up materials/documentation.
  3.     Prepare TPC Resolutions.
  4.     Prepare minutes and follow-up on directives.
  5.     Respond to day-to-day concerns and requests of TPC members.
  
- b.     *Provide staff support to the Transportation Plan Technical Advisory Committee (TPTAC).*
  1.     Identify critical transportation planning issues.
  2.     Organize meetings. Prepare agendas, memorandums and back-up materials/documentation.
  3.     Follow-up on directives.
  4.     Respond to day-to-day concerns and requests of TPTAC members.

**END PRODUCTS:**

1.     *TPC Agenda* and back-up materials
2.     TPC Summary Minutes
3.     *TPTAC Agendas* and back-up materials
4.     Compilation and distribution of information documentation, as appropriate.

**PROJECT MANAGER:**

Henry F. Sori

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization (MPO)  
Florida Department of Transportation (FDOT) District VI

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
   1999   Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$ 55,000	Section 5303	(\$44,000 Federal, \$5,500 State, \$5,500 Local)
<u>\$ 45,000</u>	PL112	(\$36,869 Federal, \$8,131 Local)
\$100,000		

## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.07 TRANSPORTATION DISADVANTAGED (TD) PLANNING**

#### OBJECTIVES:

- a. To *achieve compliance* with State and Federal requirements *for TD planning*.
- b. To comply with Federal requirements to *make the public transit system accessible* to people who are *physically* and *mentally* challenged and currently are unable to use the public transit system.
- c. To *encourage* individuals eligible for *ADA or Medicaid paratransit trips to use conventional public transit* by offering them a free Monthly Discount Metropass.
- d. To *staff the Transportation Disadvantaged Local Coordinating Board*. To create and/or provide the programs, documents and data requested by the Board.
- e. *Create a monitoring component* for Transportation Disadvantaged, Medicaid Metropass, and Medicaid Early Intervention funded transportation programs.
- f. Design and implement cost-efficient coordinated *transportation for "Welfare to Work" clients*.
- g. Review, rank and, participate in the Department of Transportation's Section 5310 Grant program.

#### PREVIOUS WORK:

The *Memorandum of Agreement, Trip/Equipment Grant, Annual Operating Report, and Annual Budget Estimate* have been completed. The Trip/Equipment Grant has been funded for FY 98/99.

The *Medicaid Metropass Program* instituted in May, 1993 has saved Medicaid over \$17.1 million dollars. There are currently 4,200 Medicaid eligible clients in this program, generating more than \$155,000 per month in new revenue for MDTA.

The *Work And Gain Economic Self-sufficiency (WAGES)* Metropass is an All Transit \$60.00 Metropass that is being offered at a cost of \$30.00, to agencies certified by the State of Florida Children and Family Services as participating WAGES training and/or educational centers.

#### METHODOLOGY:

- a. *Expand the Medicaid Metropass Program* providing "travel training" programs at agencies with large populations of clients still utilizing the door to door paratransit system.
- b. *Continue to review and rank* FTA Section 5310 grants and coordinate the use of 5310 vehicles.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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- c. Continue to *encourage Section 2310 grant recipients* to participate in the coordination of the transportation disadvantaged and to maximize the use of their vehicles.
- d. Complete the *TD Commission reporting requirements* by submitting a Service Plan, Memorandum of Agreement, and Annual Operating Report.
- e. Conduct several *training sessions* for the members of the Local Coordinating Board (LCB), to assist them in fulfilling their responsibilities as appointees to the Board.
- f. *Staff the Local Coordinating Board*; set the agenda; produce the minutes and documents as requested.
- g. Facilitate an *annual transportation disadvantaged sponsored public hearing*.
- h. Continue the *Alternative Transportation Options for Medicaid (ATOM)*, and the *Medicaid early intervention programs* which are two new projects begun in 1997/99. They will continue to be the responsibility of the CTC to administer and monitor for FY 1998/99.
- i. Provide *"Travel Training"* and *"Trip Planning" classes* at all WAGES agencies for both clients and staff.

**END PRODUCTS:**

- 1. *Minutes* from Local Coordinating Board meetings
- 2. *STS Brochure* and application, complete with acceptance letters.
- 3. Memorandum of Agreement/*Service Plan*
- 4. Annual *Operating Report*
- 5. *Trip/Equipment Grant*
- 6. A package of materials describing *"How to develop a Medicaid Metropass Program."*
- 7. Annual Budget Estimate.
- 8. *"WAGES"* Transportation Component for Miami-Dade County.

**PROJECT MANAGERS:** Sheila Winitzer, Oscar Camejo

**PARTICIPATING AGENCIES**

Miami-Dade Transit Agency  
Metropolitan Planning Organization

**WORK SCHEDULE:** 1998 Mar Apr May Jun Jul Aug Sep Oct Nov Dec  
1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$62,720      Transportation Disadvantaged      (100% State Funds)



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**TASK NUMBER AND TITLE:**

**4.09            FTA CIVIL RIGHTS REQUIREMENTS**

**OBJECTIVE(S):**

Respond to Federal requirements for *monitoring Civil Rights Compliance* based on the level of transit services provided to minority communities.

**PREVIOUS WORK:**

A major update of this report is required every three years. *Last major update* was approved in *March 1996*. During this fiscal year, a major submission is required. This will require updating all tables noting all changes that have occurred since the last submission in FY 96. An updated program submission is required by August 1999.

**METHODOLOGY:**

1. Monitor the *minority usage of transit service* through analysis information obtained from marketing tracking services to review for equity under Title VI guidelines.
2. *Update* all general and program specific *requirements of circular 4702.1*. Report on service standards and policies, as well as, other areas of Title VI Considerations.

**END PRODUCT:**

1. Major update of the *Minority Accessibility/Title VI Report*.

**PROJECT MANAGERS:** Mario G. Garcia

**PARTICIPATING AGENCY:**

Miami-Dade Transit Agency

**WORK SCHEDULE:**      1998    Jul Aug    Sep Oct Nov Dec  
                                 1999    Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**FUNDING:**

\$10,000            Section 5303 (\$8,000 Federal, \$1,000 State, \$1,000 Local)  
\$30,000            Section 5307 (\$24,000 Federal, \$3,000 State, \$3,000 Local)  
\$40,000



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.10            LEGISLATIVE ASSESSMENTS**

#### OBJECTIVE(S):

1. Assure that all proposed transit and transportation grants and *grant planning activities fulfill all requirements* and provisions established or modified in the Building Efficient Surface Transportation Equity Act of 1998 (BESTEA) and Florida Statutes.
2. Understand and internally *communicate the new or amended provisions* of all Titles of the BESTEA, CAAA, ADA and other transit-and transportation related legislation so that actions can be taken in achieving funding and operating objectives.
3. *Monitor all proposed transportation-related legislation* or regulations to identify and determine potential impact; develop Agency positions, commentary and other appropriate actions.

#### PREVIOUS WORK:

This is a continuous activity.

#### METHODOLOGY:

1. *Review BESTEA, Florida Statutes, CAA; ADA* and their related rules and regulations.
2. *Analyze state and federal legislative proposals*, especially BESTEA reauthorization, for potential impact upon the local transportation planning process.
3. Draft *summaries, position papers and responses* when appropriate on behalf of the MPO.
4. Consult with intergovernmental agencies to offer and benefit from coordination.

#### END PRODUCTS:

Position *papers*, informative *summary documents*, recommendation *reports*, formal response documents, etc.

#### PROJECT MANAGER:

Terrence Taylor

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**PARTICIPATING AGENCIES:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

**WORK SCHEDULE:**      1998   Jul   Aug   Sep   Oct   Nov   Dec  
                                 1999   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec

**FUNDING:**

\$10,000      Section 5303 (\$8,000 Federal, \$1,000 State, \$1,000 Local)

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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**TASK NUMBER AND TITLE:**

**4.11 MPO PROGRAM SUPPORT SERVICES**

**OBJECTIVE(S):**

This task involves payment to the County for *program accounting fees* rental of MPO office space, and continued technological update of the existing Internet applications.

**PREVIOUS WORK:**

This is a continuing activity.

**METHODOLOGY:**

1. Office *rental space* fees are allocated to the County on a yearly basis.
2. Cost allocation *time-sheets*, consultant *invoices* and other program related charges are billed, handled and paid accordingly.
3. The increase in citizen involvement and electronic communication within the agencies and with those entities outside the agency has created a need to continuously support the Internet by updating the home page and its supporting documentation.

**END PRODUCTS:**

1. MPO program activities *accounting reports* on a weekly, monthly and quarterly basis.

**PROJECT MANAGER:** Oscar Camejo

**PARTICIPATING AGENCY**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

<b>WORK SCHEDULE:</b>	1998	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>

**FUNDING:**

\$ 60,000	Section 5303	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
<u>\$ 75,000</u>	PL112	(\$61,448 Federal, \$13,552 Local)
\$135,000		



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.12            AMERICANS WITH DISABILITIES ACT (ADA) REQUIRED INFRASTRUCTURE IMPROVEMENTS**

#### OBJECTIVE(S):

To comply *with state and federal ADA requirements* and to implement improvements needed to serve persons with disabilities within county public road rights of way.

#### PREVIOUS WORK:

1.     *Field data collection* in Miami-Dade County to determine locations where improvements were needed in the categories of sidewalks, pedestrian ramps, pedestrian signal features, crosswalk striping, signal controls and utilities.
2.     *Work orders for construction* of needed infrastructure improvements.

#### METHODOLOGY:

1.     *Continue collection of field survey data* on all county arterial roads in the Miami-Dade County area to determine locations where improvements are necessary in the categories of sidewalks, pedestrian ramps, pedestrian signal features, crosswalk striping, signal controllers, and utilities.
2.     *Collect field data* on non-arterial roads in the unincorporated area to determine where improvements (as above) are necessary.
3.     *Develop estimated costs for needed improvements, evaluate financial resources, and recommend an implementation schedule.*
4.     *Prepare work orders* for construction of needed improvements.

#### END PRODUCTS:

1.     *Plans for infrastructure improvements* to county arterial and non-arterial roadways in the unincorporated area to further compliance with ADA requirements, including priorities, and developing construction work orders.

#### PROJECT MANAGERS:

Maggie Tawil, P.E.





## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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#### TASK NUMBER AND TITLE:

#### **4.14      PUBLIC INFORMATION PROGRAM**

#### OBJECTIVE:

The purpose of this element is to *prepare informational materials* and conduct activities to meet MPO public involvement program requirements and to inform the citizenry of Miami-Dade County about the transportation planning process and the development of transportation projects and programs within the County.

#### PREVIOUS WORK:

This is a *continuing activity* that may require the assistance of consultant and staff from the Florida Department of Transportation (FDOT) to enhance public information and public awareness.

#### METHODOLOGY:

Upon the request of the MPO Governing Board or the MPO Staff, the consulting firm or staff engaged in this effort will be asked to conduct any or all of the following relating to either the overall operations and procedures of the MPO, specific MPO policies or topic areas, or individual planning or development projects:

1. The development of *newsletters, brochures, issue papers*, or other written products from preexisting MPO technical documents, written or recorded transcripts of meetings, or oral briefings by staff or members of the board. Such work will include preparation of text, preparation of photographic or rendered graphics, lay-out and supervision of printing for documents featuring up to four-color separation.
2. The development of *visual presentation materials* for meetings or briefings, including display boards, flip charts, overheads, slides, all of which may include charts, spreadsheets, maps, text, or combinations of these. The consulting firm engaged in this effort should be prepared to utilize personal-computer based graphics display mediums and to provide the technological means necessary to present such information to individuals or large groups.
3. The development of *audio and/or video projects*, including recording, editing, mastering, and reproduction.
4. The *organization, scheduling, and supervision of meetings and conferences* for the general public and specific user, neighborhood, or professional groups.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING**

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including room scheduling, preparation of presentations, graphics, publicity, and recordkeeping, the latter to include audio and/or video recording if necessary.

All work to be performed under this element shall be approved by the MPO Director. Once a request is made, appropriate coordination shall be established with the MPO, as well as project managers or any other official to develop the requested action. The projects or action requests shall be based on partial work orders. Prices shall be negotiated according to factors such as: amount and complexity of work to be done, quality of the end product, delivery time and number of copies, among other.

**END PRODUCTS:**

*Different end products* will be generated according to the type of job requested.

**PROJECT MANAGER:**

Irma San Roman

**PARTICIPATING AGENCY:**

Metropolitan Planning Organization  
Florida Department of Transportation - District 6

**WORK SCHEDULE:**

1998	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1999	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>

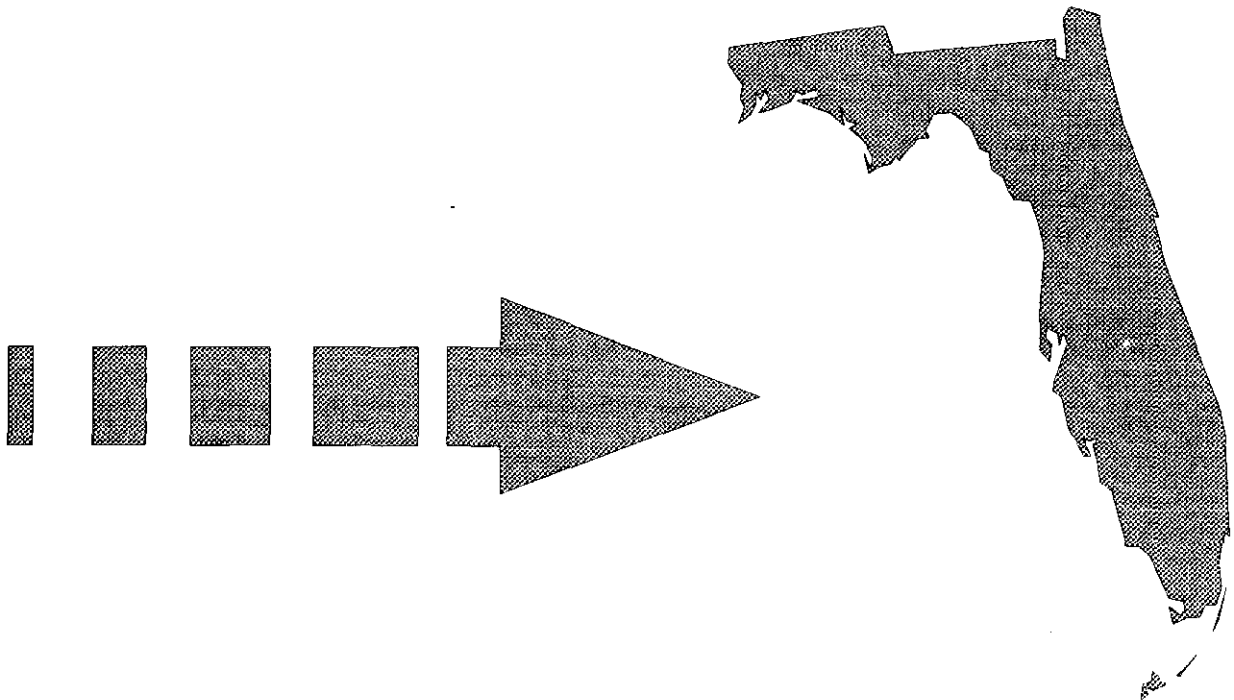
**FUNDING:**

\$ 70,000	PL112	(\$57,351 Federal, \$12,649 Local)
\$ 41,500	STP FY 98	(\$33,200 Federal, \$4,150 State, \$4,150 Local)
\$ 65,000	STP FY 97	(\$52,000 Federal, \$6,500 State, \$6,500 Local)
<u>\$ 50,000</u>	STP FY 99	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$226,500		



# **Objective E**

## **State Planning Program**



## 1999 UNIFIED PLANNING WORK PROGRAM

### OBJECTIVE E: STATE PLANNING PROGRAM

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#### TASK NUMBER AND TITLE:

#### **5.01 STATE PLANNING and RESEARCH (SPR) PROGRAM PLAN**

The District Six (6) Office of the Florida Department of Transportation conducts a series of studies and supporting projects for the State Planning and Research Program which are to be performed by FDOT personnel and/or FDOT consultants. An updated list of all SPR Program information to be included for the fiscal year 1998-1999 beginning July 1, 1998 and ending June 30, 1999 follows:

#### OBJECTIVE(S):

See individual program sheets.

#### PREVIOUS WORK:

See individual program sheets.

#### METHODOLOGY:

See individual program sheets.

#### PROJECT MANAGER:

FDOT District Six SPR Coordinator Jo Laurie Penrose

#### PARTICIPATING AGENCIES:

See individual program sheets.

#### FUNDING:

See individual program sheets.

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (1) - TRAFFIC CHARACTERISTICS**

**Classification:** Volume Counts

**Subject:** Data Collection/Travel Time & Delay Studies

**Responsible Office:** District Six

**Job Number:** 99040-7063-119

**Work Program Item Number:** 6590022 phase 10

**Objectives**

- ▶ *Collect traffic data for determining AADTs and existing highway and arterial operating speeds during peak hours.* These data will be used to populate the databases of different GIS software applications in order to determine the location and level of congestion, the cause and frequency of delays in the system as an aid in programming short range improvements.

**Proposed Activities for 1998-99**

- ▶ *Collect traffic volumes, vehicle classification, and highway data inventories* on State maintained arterials and expressways.
- ▶ Perform *in-office quality and accuracy checks* on collected data from highway inventory
- ▶ *Conduct field quality assurance checks* of existing highway characteristics
- ▶ *Re-inventory State Highways* after notices of completion are received
- ▶ Perform Contract Administration duties for Phase 10 funds

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99040-7063	36,000	29,000

**WORK SCHEDULE:** 1998 Jul Aug Sep Oct. Nov. Dec  
1999 Jan Feb Mar Apr May Jun

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (4) - TRAFFIC CHARACTERISTICS**

**Classification:** Volume Counts

**Subject:** Data Collection/Travel Time & Delay Studies

**Responsible Office:** District Six

**Job Number:** 99006-1624-010

**Work Program Item Number:** 6590022 phase 13

**Objectives**

- ▶ *Collect traffic data for determining AADTs and existing highway and arterial operating speeds during peak hours.* These data will be used to populate the databases of different GIS software applications in order to determine the location and level of congestion, the cause and frequency of delays in the system as an aid in programming short range improvements.

**Proposed Activities for 1998-99**

- ▶ *Collect traffic volumes, vehicle classification, and highway data inventories* on State maintained arterials and expressways.
- ▶ Perform *in-office quality and accuracy checks* on collected data from highway inventory
- ▶ *Conduct field quality assurance checks* of existing highway characteristics
- ▶ *Re-inventory State Highways* after notices of completion are received
- ▶ Perform Contract Administration duties for Phase 13 funds

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99006-1624		359,874

**WORK SCHEDULE:**      1998 Jul Aug Sep Oct Nov Dec  
                                  1999 Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Urban Transportation Planning - Other

**Subject:** Growth Management/Complan and DRI Review

**Responsible Office:** District Six

**Job Number:** 99006-1513-010

**Work Program Item Number:** 6590024 phase 13

**Objectives**

- ▶ *Fulfill legally mandated growth management responsibilities.*
- ▶ *Review growth management projects* (i.e. local government comprehensive plans and Developments of Regional Impact) for impact on State Transportation System.

**Proposed Activities for 1998-99**

- ▶ Renew consultant contract which provides technical assistance to the Florida Department of Transportation, Planning Office, in reviewing Local Government Comprehensive Plans and Developments of Regional Impact.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99006-1513		\$ 12,000

**WORK SCHEDULE:**

1998	Jul	Aug	Sep	Oct	Nov	Dec						
1999	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Urban Transportation Planning

**Subject:** Growth Management/Complan and DRI Review

**Responsible Office:** District Six

**Job Number:** 99080-7563-119

**Work Program Item Number:** 6590024 phase 10

**Objectives**

- ▶ *Fulfill legally mandated growth management responsibilities.*
- ▶ *Review growth management projects* (i.e. local government comprehensive plans and Developments of Regional Impact) for impact on State Transportation System.
- ▶ Provide other growth management related functions as needed.
- ▶ Administer *Intergovernmental Coordination And Review (ICAR)* process.

**Proposed Activities for 1998-99**

- ▶ *Coordinate with other offices* in the Florida Department of Transportation regarding the review of Local Government Comprehensive Plans and Developments of Regional Impact.
- ▶ *Provide technical assistance* to the Florida Department of Community Affairs and the Regional Planning Council in reviewing Local Government Comprehensive Plans and Developments of Regional Impact.
- ▶ *Provide project management activities* including: technical review of consultant's project reviews; invoice processing/project budget management; and any contract administration activities.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99080-7513	60,000	10,000

**WORK SCHEDULE:**

1998	Jul	Aug	Sep	Oct	Nov	Dec
1999	Jan	Feb	Mar	Apr	May	Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (11) - SPECIAL STUDIES**

**Classification:** State

**Subject:** Corridor Studies/FL Intrastate Action Plans

**Responsible Office:** District Six

**Job Number:** 99006-1506-100      **Work Program Item Number:** 6590025 phase 13

**Objectives**

- ▶ *Prepare corridor studies* including access management plans and multimodal planning studies.

**Proposed Activities for 1998-99**

*Corridor Studies:*

- ▶ *Evaluate transportation needs* based on demand, perform studies to recommend/analyze improvement alternatives for corridors, deliver necessary pre-PD&E documents and make recommendations to environmental management staff for further evaluations.
- ▶ *Develop plans for managing/protecting critical corridors* in cooperation with local governments, identify both interim and ultimate improvements needed to the FIHS, review constrained corridors for potential planning and evaluation consistent with Long Range Transportation Plans.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99006-1506		575,000

**WORK SCHEDULE:**

1998	Jul	Aug	Sep	Oct	Nov	Dec						
1999	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (11) - SPECIAL STUDIES**

**Classification:** State

**Subject:** Corridor Studies/FL Interstate Action Plans

**Responsible Office:** District Six

**Job Number:** 99090-7162-119

**Work Program Item Number:** 6590025 phase 10

**Objectives**

- ▶ *Direct consultant activities* in the preparation of corridor studies including access management plans and multimodal planning studies.

**Proposed Activities for 1998-99**

*Corridor Studies:*

- ▶ *Coordinate with department and MPO staff* to identify appropriate candidate projects for major investment corridor studies and access management improvements.
- ▶ *Develop scopes of services, schedules, budget, funding sources* and other administrative activities as necessary to initiate corridor studies. Provide guidance, data and technical assistance to consultants.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99090-7162	100,000	37,000
Unassigned		277,545

**WORK SCHEDULE:** 1998 Jul Aug Sep Oct Nov Dec  
1999 Jan Feb Mar Apr May Jun

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Other

**Subject:** Bicycle/Pedestrian

**Responsible Office:** District Six

**Job Number:** 99006-3523    **Work Program Item Number:** 6590028, phase 50

**Objectives**

- ▶ Provide *assistance to Miami-Dade and Monroe County's bicycle/pedestrian programs.*

**Proposed Activities for 1998-99**

*Bicycle/Pedestrian Program Support*

- ▶ Work with the *Miami-Dade and Monroe County* bicycle/pedestrian programs to *identify bike/ped planning needs.* Execute Joint Participation Agreements as necessary to provide funds to fulfill identified needs.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99006-3523		\$71,500
Unassigned		\$85,000

**WORK SCHEDULE:**      1998   Jul   Aug   Sep   Oct   Nov   Dec  
    1999   Jan   Feb   Mar   Apr   May   Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (12) - OTHER**

**Classification:** Other

**Subject:** ISTE A Requirements

**Responsible Office:** District Six

**Job Number:** 99906-1646-010

**Work Program Item Number:** 6590031 phase 13

**Objectives**

- ▶ Continue to *coordinate District Six planning activities* with local agencies to implement ISTE A requirements.

**Proposed Activities for 1998-99**

- ▶ ***Implementation of Management Systems:***
  - Congestion Management System
  - Pavement Management System
  - Traffic Monitoring System
- ▶ Consultant assistance in performing *data collection, analysis, systems support* and *development*, and *report preparation*.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99906-1646		250,000

**WORK SCHEDULE:** Ongoing activity

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (12) - OTHER**

**Classification:** Other

**Subject:** 2020 Florida Transportation Plan

**Responsible Office:** District Six

**Job Number:** 99010-7063-119

**Work Program Item Number:** 6590042 phase 10

**Objectives**

- ▶ *Support statewide planning and public involvement programs.*
- ▶ *Develop District continuing public involvement program.*

**Proposed Activities for 1998-99**

*Other:*

- ▶ Coordinate intergovernmental and *public involvement mailings.*
- ▶ Coordinate staff *review of FTP* short range component and performance measures.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99010-7063	60,000	
Unassigned		10,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Urban Transportation Planning - Other

**Subject:** MPO Support/Long Range Transportation Plan

**Responsible Office:** District Six

**Job Number:** 99080-7564-119

**Work Program Item Number:** 6590045 phase 10

**Objectives**

- ▶ *Ensure coordination* between the Miami MPO's Long Range Plan and Transportation Improvement Program and the district's work program by providing support to the MPO, the District Work Program Office and District Project Managers.

**Proposed Activities for 1998-99**

***Work Program/TIP Development***

- ▶ Participate in the development of the 1998/98 work program and 1998/98 TIP. Ensure consistency between the work program and the long range plan. Maintain the current TIP by processing necessary amendments through the MPO.

***Long Range Plan Administration/Modelling***

- ▶ Provide long range plan and model-related technical assistance to the MPO and FDOT project managers. Develop OS/2 and DOS versions of the Miami MPO FSUTMS model process for use on PC.
- ▶ Conduct consultant management activities.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99080-7564	80,000	10,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Urban Transportation Planning - Other

**Subject:** MPO Support/Long Range Transportation Plan

**Responsible Office:** District Six

**Job Number:** Unassigned

**Work Program Item Number:** 6590045 phase 13

**Objectives**

- ▶ Support district staff in the scoping of project proposals, calculating LOS, meeting state and federal air quality planning regulations, coordinating development of the district's work program and Miami MPO TIP and supporting the bicycle/pedestrian program.

**Proposed Activities for 1998-99**

***Project Proposals Scoping***

Review project proposals, including Transportation Enhancement project applications, received from local governments.

***Air Quality Program Support***

Provide support to the district in meeting state and federal air quality planning regulations, including those related to the federal Congestion Mitigation and Air Quality (CMAQ) funds.

***Work Program/TIP/Long Range Plan Coordination***

Assist the department in the development of the district work program and its coordination with the Miami MPO's TIP and long range plan.

***Bicycle/Pedestrian Program Support***

Provide support to the department's bicycle/pedestrian program by reviewing plans and projects for bicycle and pedestrian facilities and amenities.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99006-1511		304,720
Unassigned		80,000

**WORK SCHEDULE:**      1998 Jul Aug Sep Oct Nov Dec  
                                  1999 Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (6) - SPEED AND TRAFFIC SERVICE STUDIES**

**Classification:** Traffic Service Studies

**Subject:** Level of Service/Speed Studies

**Responsible Office:** District Six

**Job Number:** 99060-7061-119

**Work Program Item Number:** 6590051 phase 10

**Objectives**

- ▶ *Apply the Roadway System Software application* for the District's Level of Service (LOS) and Duration of Congestion calculations, and prepare updated maps of LOS for the State Highway System through Atlas GIS applications.

**Proposed Activities for 1998-99**

- ▶ Complete the development of the *1998 LOS Map* and work on future maps
- ▶ Continue to provide *LOS analysis support* to the Dade County Development Impact Committee and to the FDOT Central Office LOS research project
- ▶ Perform in-office quality *reviews of LOS maps*, reports and database spreadsheets produced by GIS consultant.
- ▶ Provide LOS maps and reports to Department and other government offices.
- ▶ Conduct speed studies as required

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99060-7061	40,000	10,000

**WORK SCHEDULE:** Ongoing activity

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (12) - OTHER**

**Classification:** Other

**Subject:** Bicycle/Pedestrian

**Responsible Office:** District Six

**Job Number:** 99010-7064-119

**Work Program Item Number:** 6590053 phase 10

**Objectives**

- ▶ Coordinate the district's bicycle and pedestrian program.

**Proposed Activities for 1998-99**

***Local Government Support***

- ▶ Provide technical assistance, training, and funding to local government bicycle-pedestrian programs.

***Support to FDOT Project Managers***

- ▶ Provide information on existing and planned bicycle/pedestrian facilities to FDOT project managers for use in on-going projects.

***Transportation Enhancement Project Coordination***

- ▶ Receive, review and program funds for the development of transportation enhancement projects. This includes coordinating the efforts of local government and FDOT staff to advance feasible projects through the production phases.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99010-7064	40,000	10,000

**WORK SCHEDULE:**

1998	Jul	Aug	Sep	Oct	Nov	Dec
1999	Jan	Feb	Mar	Apr	May	Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (2) - SYSTEMS INVENTORY**

**Classification:** Railroad Crossing Hazard Rating

**Subject:** Rail Crossing Inventory

**Responsible Office:** District Six

**Job Number:** 99020-7562-119

**Work Program Item Number:** 6590057 phase 10

**Objectives**

- ▶ *Collect data* and conduct *field and office quality reviews* of Rail-Highway Crossing Inventory (RHCI).

**Proposed Activities for 1998-99**

- ▶ Collect data at rail-highway crossings.
- ▶ Perform in-office quality and accuracy checks on at least 10% of collected data
- ▶ Conduct field quality assurance checks of existing rail-highway crossings
- ▶ Revise rail-highway crossings location map
- ▶ Update FDOT's mainframe database
- ▶ Perform consultant contract administration duties

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99020-7562	80,000	10,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (3) - MAPPING**

**Classification:** Mapping

**Subject:** Mapping

**Responsible Office:** District Six

Job Number: 99030-7062-119

**Work Program Item Number:** 6590058 phase 10

**Objectives**

- ▶ *Provide maps and graphics in support* of all District Six planning and programming activities.

**Proposed Activities for 1998-99**

Production of CADD/GIS-generated maps and graphics to support corridor planning and statistics activities, including:

- ▶ Florida Transportation Plan
- ▶ Rail-Highway Crossing Inventory
- ▶ Straight Line Diagrams
- ▶ Functional Classification
- ▶ Pavement Deficiency Analysis
- ▶ Level of Service
- ▶ Traffic Projections and Counts
- ▶ Traffic Projections and Counts
- ▶ Access Management
- ▶ Transportation Boundaries
- ▶ National highway System

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99030-7062	90,000	10,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (4) - TRAFFIC CHARACTERISTICS**

**Classification:** Vehicle Classification

**Subject:** Vehicle Classification

**Responsible Office:** District Six

**Job Number:** 99040-7562-119

**Work Program Item Number:** 6590059 phase 10

**Objectives**

- ▶ *Collect and analyze vehicle classification data* for the purpose of highway planning and design.

**Proposed Activities for 1998-99**

- ▶ Provide necessary data and training to consultant
- ▶ Conduct vehicle classification activities by consultant at sixty seven sites located in Dade and Monroe Counties
- ▶ Perform quality control checks on collected data and State Performance System (SPS) processing into mainframe database.
- ▶ Other activities include technical review of consultant's monthly reports, project budget management, invoice processing and quality reviews.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99040-7562	80,000	13,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (5) - SYSTEMS AND PROGRAMMING**

**Classification:** Highway Classification and Systems

**Subject:** Functional Classification

**Responsible Office:** District Six

**Job Number:** 99050-7064-119

**Work Program Item Number:** 6590060 phase 10

**Objectives**

- ▶ *Analyze and assign appropriate Functional Classification* to all public roads in District Six according to State and Federal criteria.

**Proposed Activities for 1998-99**

- ▶ Conduct office *inventory* of all Federally classified roads, including maps and spreadsheet outputs.
- ▶ *Process jurisdictional roadway transfers* to and from the State Highway System.
- ▶ *Structure the District data information systems* in order to facilitate Federal reporting requirements.
- ▶ *Coordinate work efforts with local authorities* and the Miami Metropolitan Planning Organization.
- ▶ *Provide Functional Classification designation* data and maps to Department offices, public and private groups, and other government offices.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99050-7064	80,000	13,000

**WORK SCHEDULE:**      1998   Jul Aug Sep Oct Nov Dec  
                                 1999   Jan Feb Mar Apr May Jun



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (5) - SYSTEMS AND PROGRAMMING**

**Classification:** Highway Classification and Systems

**Subject:** Design Traffic Forecast

**Responsible Office:** District Six

**Job Number:** 99050-7065-119

**Work Program Item Number:** 6590061 phase 10

**Objectives**

► *Study existing traffic patterns and conditions* to determine future traffic volumes for system planning forecasts and to support design and environmental requirements.

**Proposed Activities for 1998-99**

- *Develop design traffic forecasts* and 18 kip equivalent wheel loadings for roadway and pavement design of highway projects.
- *Perform traffic projections* for project development and environmental (PD&E) studies.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99050-7065	80,000	13,000

**WORK SCHEDULE:** 1998 Jul Aug Sep Oct Nov Dec  
1999 Jan Feb Mar Apr May Jun

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (5) - SYSTEMS AND PROGRAMMING**

**Classification:** Highway Classification & Systems

**Subject:** Systems Planning

**Responsible Office:** District Six

**Job Number:** 99050-7266-119

**Work Program Item Number:** 6590062 phase 10

**Objectives**

- ▶ Provide *technical support* to the Department, outside Agencies, and consultants regarding the Miami-Dade and Monroe County models and the long range transportation plans.
- ▶ *Provide model data* and analysis to the above referenced users on an as needed basis.
- ▶ Participate in the *model development activities*.

**Proposed Activities for 1998-99**

- ▶ Provide *in-house data and technical support* for the Planning Office, the Environmental Management Office, and other FDOT offices as necessary.
- ▶ Continue to *provide model data and information* to consultants, the general public, and outside agencies.
- ▶ Continue *participation in the statewide Model Task Force* which supports model development activities and improvements to the long range transportation planning process.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99050-7266	50,000	13,000

**WORK SCHEDULE:** Ongoing activity

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** In-House Support

**Subject:** In-House MPO Support

**Responsible Office:** District Six

**Job Number:** 99080-7062-119

**Work Program Item Number:** 6590063 phase 10

**Objectives**

- ▶ *Provide In-House support for MPOs Planning Program*

**Proposed Activities for 1998-99**

- ▶ Technical support to MPO UPWP tasks
- ▶ Assist in UPWP development and review
- ▶ Review MPO progress reports and process invoices
- ▶ Participate in MPO governing board and technical committees

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99080-7062	105,000	13,000

**WORK SCHEDULE:** Ongoing activity

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (2) - SYSTEMS INVENTORY**

**Classification:** Pavement Condition

**Subject:** Pavement Management System

**Responsible Office:** District Six

**Job Number:** 99020-7162-119

**Work Program Item Number:** 6590065 phase 10

**Objectives**

- ▶ *Support the District Pavement Management System* by providing technical pavement information and results of field observations to aid in the identification of roadway sections in need of resurfacing and/or reconstruction.

**Proposed Activities for 1998-99**

- ▶ *Analyze the Pavement Condition Report* as distributed by the State Materials Office.
- ▶ *Compare deficient sections* with sections previously programmed for resurfacing and/or reconstruction in the adopted Work Program.
- ▶ Compile a listing of non-programmed deficient sections for field inspection by District pavement unit.
- ▶ *Report programming recommendations* to District Scoping Committee for future programming needs.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99020-7162	70,000	13,000

**WORK SCHEDULE:** Ongoing activity

**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9) - URBAN TRANSPORTATION PLANNING**

**Classification:** Validation, Plan Updates, Consultant & Contracts, MPO Grants

**Subject:** Monroe County Long Range Transportation Plan

**Responsible Office:** District Six

**Job Number:** Unassigned

**Work Program Item Number:** 6596618 phase 10

**Objectives**

- ▶ Provide *funding* to the County for the purpose of *maintaining the long range transportation plan* by hiring a consultant to provide the necessary technical support and to review and make recommendations regarding the transportation impacts of development proposals.
- ▶ Maintain the long range transportation plan utilizing the Florida Standard Urban Transportation Model Structure (FSUTMS) and *improve LRP Data Base* with on-going data collection activities.

**Proposed Activities for 1998-99**

- ▶ Provide *funding to Monroe County* by continuing the annual joint participation agreement which allows the County to contract with a transportation planning consultant.
- ▶ *Carry out project management* and contract administration activities including review of products and invoice processing.
- ▶ *Support Monroe County's ongoing transportation planning process*, and provide in-house data and analysis to the planning office and to the Department.

**ESTIMATED COSTS FOR 1998-99 ACTIVITIES**

	<b><u>(Federal) Part I Participating</u></b>	<b><u>(State) Part III-A Non-Participating</u></b>
99080-7064	85,129	10,000

**WORK SCHEDULE:** Ongoing activity



**1999 UNIFIED PLANNING WORK PROGRAM**

**OBJECTIVE E: STATE PLANNING PROGRAM**

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**ITEM (9)-URBAN TRANSPORTATION PLANNING**

**Classification:** Other

**Subject:** Scenic Highways Program Support

**Responsible Office:** District Six

**Job Number:** 99010-7067

**Work Program Item Number:** 6590070 phase 10

**Objectives**

- ▶ To *provide administrative and technical support to local Corridor Advocacy Groups* that are pursuing designation for a roadway under the Department's Scenic Highway Program.

**Proposed Activities for 1998/99**

There are three corridors that have been proposed as Scenic Highways:

***Monroe County/US-1 Designation***

- ▶ Provide support to the Monroe County/US-1 Corridor Advocacy Group for the scenic highway designation of US-1 from Key West to Key Largo.

***Miami-Dade County/Tamiami Trail Designation***

- ▶ We are trying to locate potential members of a corridor advocacy group pursue the designation of the Tamiami Trail from the Collier County line to Krome Ave in Dade County.

***Miami-Dade County/Krome Ave Designation***

- ▶ Interest has been expressed by the community about designating Krome Ave as a Scenic Highway from US-1 in Florida City to SR 25/US-27 near the Broward County line.

***Florida Scenic Highway Program Development***

- ▶ Statewide program development activities are on-going (FSHP coordinator meeting, training, etc).

**ESTIMATED COSTS FOR 1998/99 ACTIVITIES**

	<b>Part I Participating</b>	<b>Part III-a Non-Participating</b>
State Project #99010-7067	\$10,000	\$ 0

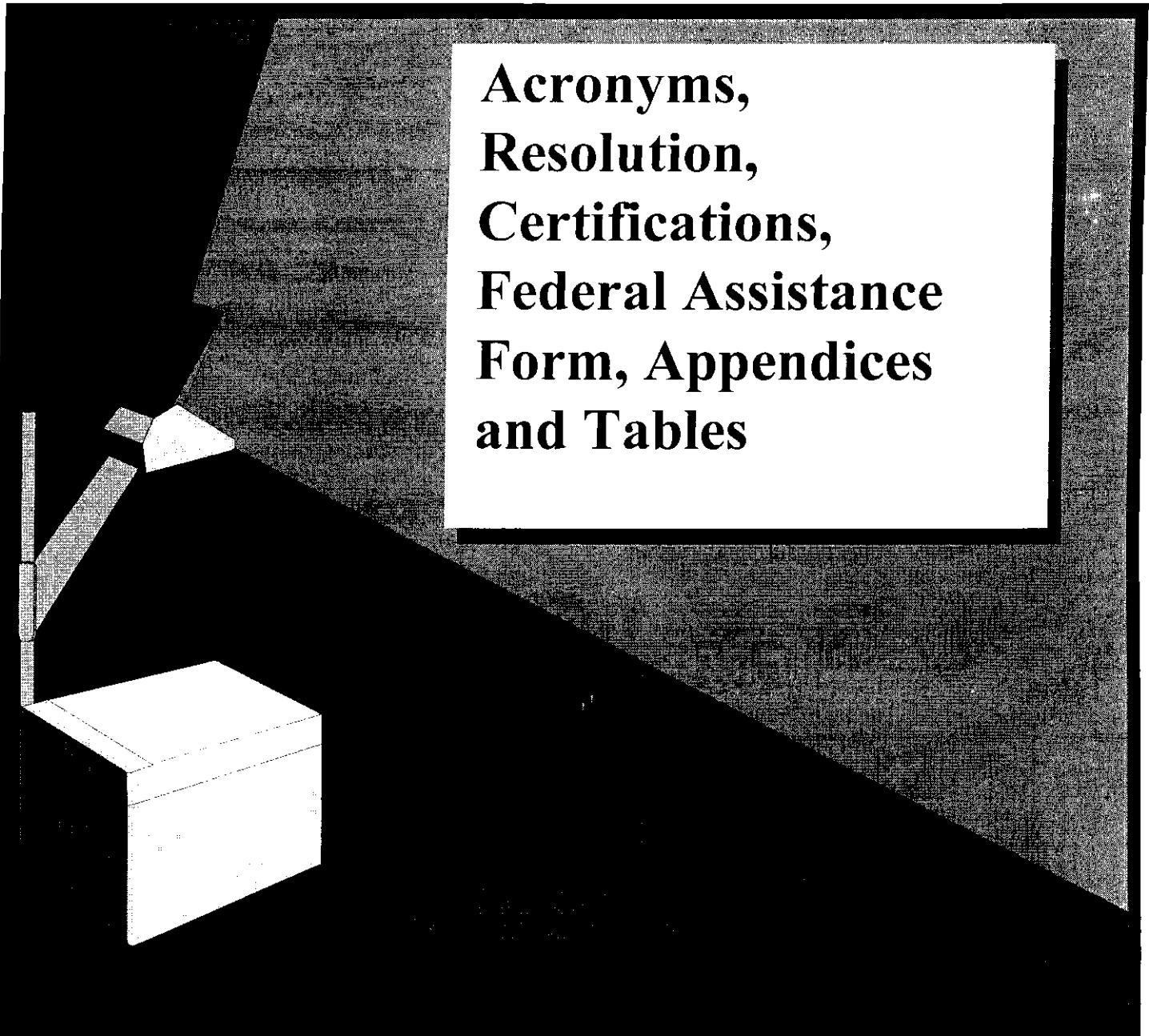
**WORK SCHEDULE:**

1998 Jul	Aug	Sep	Oct	Nov	Dec
1999 Jan	Feb	Mar	Apr	May	Jun





# **Section F**

A stylized illustration of a desk with a lamp and a box. The desk is dark, and the lamp is on the left, casting light on the desk surface. A white box is on the desk. The background is a dark, textured wall.

**Acronyms,  
Resolution,  
Certifications,  
Federal Assistance  
Form, Appendices  
and Tables**

## ACRONYMS LIST

<b>AADT</b>	Average Annual Daily Traffic	<b>DIOH</b>	State In-House Overhead
<b>AASHTO</b>	American Association of State Highway and Transportation Officials	<b>DOT</b>	Department of Transportation
<b>ADA</b>	Americans with Disabilities Act	<b>DRI</b>	Development of Regional Impact
<b>AIMS</b>	Administer Intermodal Management System	<b>DS</b>	State Primary-Highways & PTO
<b>ATOM</b>	Alternative Transportation Options for Medicaid	<b>EEO</b>	Equal Employment Opportunity
<b>AVL</b>	Automatic Vehicle Locator	<b>ELMS</b>	Environmental Land Management Study
<b>AVM</b>	Automatic Vehicle Monitoring	<b>EPA</b>	Environmental Protection Agency
<b>AWDT</b>	Average Weekday Daily Traffic	<b>FDEP</b>	Florida Department of Environmental Protection
<b>B&amp;Z</b>	Building and Zoning	<b>FDOT</b>	Florida Department of Transportation
<b>BESTEAT</b>	Building Efficient Surface Transportation Equity Act	<b>FEC</b>	Florida East Coast
<b>BCC</b>	Board of County Commissioners	<b>FHWA</b>	Federal Highway Administration
<b>BPAC</b>	Bicycle/Pedestrian Advisory Committee	<b>FIHS</b>	Florida Intrastate Highway System
<b>CAAA</b>	Clean Air Act Amendment of 1990	<b>FSHP</b>	Florida Scenic Highway Program
<b>CADD</b>	Computer-Aided Design and Drafting	<b>FSUTMS</b>	Florida Standard Urban Transportation Model Structure
<b>CBD</b>	Central Business District	<b>FTA</b>	Federal Transit Administration
<b>CCTMO</b>	Civic Center Transportation Management Organization	<b>FTAC</b>	Freight Trucking Advisory Committee
<b>CDMP</b>	Comprehensive Development Master Plan	<b>FTP</b>	Florida Transportation Plan
<b>CFASPP</b>	Continuing Florida Aviation Systems Planning Process	<b>FY</b>	Fiscal Year
<b>CFR</b>	Code of Federal Register	<b>GIS</b>	Geographic Information System
<b>CIE</b>	Capital Improvement Element	<b>HMO</b>	Health Maintenance Organization
<b>CM</b>	Congestion Mitigation	<b>HP</b>	Highway Planning
<b>CMAQ</b>	Congestion Mitigation and Air Quality	<b>HPR</b>	Highway Planning Research
<b>CMS</b>	Congestion Management System	<b>ICAR</b>	Intergovernmental Coordination And Review
<b>CO</b>	Carbon Monoxide	<b>IMS</b>	Intermodal Management System
<b>CTAC</b>	Citizen's Transportation Advisory Committee	<b>ISTEA</b>	Intermodal Surface Transportation Efficiency Act
<b>CTC</b>	Community Transportation Coordinator	<b>ITS</b>	Intelligent Transportation System
<b>CUTR</b>	Center for Urban Transportation Research	<b>IVHS</b>	Intelligent Vehicle Highway System
<b>D</b>	State-Public Transportation Operations/Planning	<b>LCB</b>	Local Coordinating Board
<b>DBE</b>	Disadvantaged Business Enterprise	<b>LF</b>	Local Funds
<b>DCA</b>	Department of Community Affairs	<b>LOS</b>	Level Of Service
<b>DCEA</b>	Miami-Dade County Expressway Authority	<b>LRP</b>	Long Rang Plan
<b>DCMMP</b>	Miami-Dade County Mobility Management Process	<b>LRTP</b>	Long Range Transportation Plan
<b>DDA</b>	Downtown Development Authority	<b>MBTMA</b>	Miami Beach Transportation Management Association
<b>DDR</b>	District Dedicated Revenue	<b>MDTA</b>	Miami-Dade Transit Agency
<b>DERM</b>	Department of Environmental Resources Management	<b>MIC</b>	Miami Inter-modal Center
<b>DI</b>	State-Inter/Intrastate Highway	<b>MIS</b>	Major Investment Studies
<b>DIC</b>	Development Impact Committee	<b>MMP</b>	Mobility Management Process
		<b>MPO</b>	Metropolitan Planning Organization
		<b>MPOAC</b>	Florida Metropolitan Advisory Council
		<b>MVIP</b>	Motor Vehicle Inspection Program
		<b>NAAQS</b>	National Ambient Air Quality Standards
		<b>NMPHC</b>	non-methane hydrocarbons
		<b>NOx</b>	Oxides of Nitrogen
		<b>O-D</b>	Origin Destination

## ACRONYMS LIST

<b>PD&amp;E</b>	Planning Development and Engineering	<b>USDOT</b>	United States Department of Transportation
<b>PDR</b>	Planning Development and Regulation	<b>USEPA</b>	United States Environmental Protection Agency
<b>PEA</b>	Planning Emphasis Areas		
<b>PL112</b>	FHWA Planning Funds Section 112	<b>VH</b>	Vehicle Hours Traveled
<b>PTO</b>	Public Transportation Office	<b>VMT</b>	Vehicle Miles Traveled
<b>RCI</b>	Roadway Condition Index	<b>VPSI</b>	Vanpool Services Incorporated
<b>RHCI</b>	Rail-Highway Crossing Inventory	<b>VOC</b>	Volatile Organic Compounds
<b>RTA</b>	Regional Transit Authority	<b>WAGES</b>	Work And Gain Economic Self-Sufficiency
<b>RTO</b>	Regional Transit Organization		
<b>RUSH</b>	Resourceful Use of Streets and Highways	<b>WPI</b>	Work Program Item
<b>SAADD</b>	Station Area Aesthetics, Design, Development		
<b>SERPM</b>	Southeast Regional Planning Model		
<b>SFRPC</b>	South Florida Regional Planning Council		
<b>SIP</b>	State Implementation Plan		
<b>SOV</b>	Single Occupancy Vehicle		
<b>SPR</b>	State Planning and Research		
<b>SPS</b>	State Performance System		
<b>SRPP</b>	Strategic Regional Policy Plan		
<b>STP</b>	Surface Transportation Program		
<b>STS</b>	Special Transportation Services		
<b>TAD</b>	Transit Analysis District		
<b>TARC</b>	Transportation Aesthetics Review Committee		
<b>TAZ</b>	Traffic Analysis Zone		
<b>TCM</b>	Transportation Control Measure		
<b>TCRA</b>	Tri-County Rail Authority		
<b>TCRPC</b>	Treasure Coast Regional Planning Council		
<b>TD</b>	Transportation Disadvantaged		
<b>TDM</b>	Transportation Demand Management		
<b>TDP</b>	Transit Development Plan		
<b>TIP</b>	Transportation Improvement Program		
<b>TMA</b>	Transportation Management Association		
<b>TMIP</b>	Travel Model Improvement Program		
<b>TMO</b>	Transportation Management Organization		
<b>TMS</b>	Transportation Management System		
<b>TMS/H</b>	Traffic Monitoring Systems for Highways		
<b>TPC</b>	Transportation Planning Council		
<b>TPTAC</b>	Transportation Planning Technical Advisory Committee		
<b>TRC</b>	Technical Review Committee		
<b>TWU</b>	Transit Worker's Union		
<b>UPWP</b>	Unified Planning Work Program		
<b>U.S.C.</b>	United States Code		

**MPO RESOLUTION # 11-98**

**RESOLUTION APPROVING THE FY 1999 UNIFIED PLANNING WORK PROGRAM (UPWP) AND AUTHORIZING SUBMITTAL TO THE FUNDING AGENCIES**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization for the Miami Urbanized Area requires that the Metropolitan Planning Organization provide a structure to evaluate the adequacy of the transportation planning and programming process, and take action to ensure that legal and procedural requirements are met, as more fully described in the Prospectus for Transportation Improvements for the Miami Urbanized Area (Second Edition), and

WHEREAS, the Metropolitan Planning Organization has established the Transportation Planning Council (TPC) to advise it on actions needed to meet the requirements of the planning and programming process, and

WHEREAS, the Transportation Planning Council has approved the Final Draft of the FY 1999 Unified Planning Work Program and found that it is consistent with the goals and objectives of the Transportation Plan for the Urbanized Area.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the FY 1999 Unified Planning Work Program for Transportation as presented is found to be consistent with established local state and federal goals, objectives and priorities; to be technically sound and to be within the implementation capabilities and resources of the Metropolitan Planning Organization.

SECTION 2. That the FY 1999 Unified Planning Work Program is hereby approved by the Governing Board of the Metropolitan Planning Organization.

SECTION 3. That the staff is authorized to submit the final draft to the federal agencies for funding and that the MPO Director is authorized to make non-policy changes to document as requested by Federal agencies.

SECTION 4. That the Board authorizes the MPO Director to sign any and all assurances, reimbursement requests, warranties, request to advertise, certifications, and any other documents which may be required in connection with the application or subsequent agreements for funding and to acquire consultant services to perform work as shown in said document.

The foregoing resolution was offered by Board Member Barbara M. Carey, who moved its adoption. The motion was seconded by Board Member Miguel Diaz de la Portilla, and upon being put to vote, the vote was as follows:

Board Member Miriam Alonso	-	absent
Board Member George J. Berlin	-	aye
Board Member Barbara M. Carey	-	aye
Board Member Miguel Diaz de la Portilla	-	aye
Board Member Renier Diaz de la Portilla	-	absent
Board Member Betty T. Ferguson	-	absent
Board Member Richard N. Krinzman	-	absent
Board Member Natacha Seijas Millan	-	absent
Board Member Jimmy L. Morales	-	aye
Board Member Dennis C. Moss	-	aye
Board Member Pedro Reboredo	-	aye
Board Member Dorrin Rolle	-	absent
Board Member Katy Sorenson	-	aye

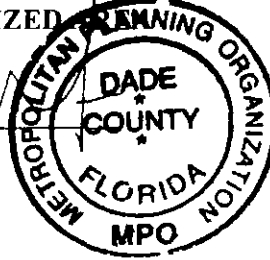
Board Member Javier D. Souto	-	aye
Board Member Raul Valdes-Fauli	-	absent
Chairperson Gwen Margolis	-	aye

The Chairman thereupon declared the resolution duly passed and adopted this 2nd day of June, 1998

**METROPOLITAN PLANNING ORGANIZATION  
FOR THE MIAMI URBANIZED**

By \_\_\_\_\_

Jose-Luis Mesa  
MPO Secretariat



CERTIFICATION  
OF  
RESTRICTIONS ON LOBBYING

I, Merrett R. Stierheim, County Manager, hereby certify on  
(name and title of grantee official)

behalf of Miami Metropolitan Planning Organization that:  
(name of grantee)

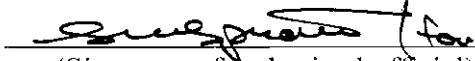
(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection 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.

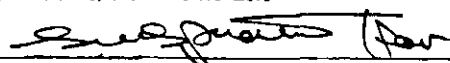
This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U. S. Code. Any person who fails to 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 5th day of June, 19 98.

By   
(Signature of authorized official)

County Manager  
(title of authorized official)

# APPLICATION FOR FEDERAL ASSISTANCE

<b>1. TYPE OF SUBMISSION</b> Application <input type="checkbox"/> Construction <input type="checkbox"/> Pre-application Construction <input checked="" type="checkbox"/> Non-Construction <input type="checkbox"/> Non-Construction Pre-application		2. DATE SUBMITTED	Applicant Identifier
		3. DATE RECEIVED BY STATE	State Application Identifier
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
<b>5. APPLICANT INFORMATION</b>			
Legal Name <b>MPO for the Miami Urbanized Area</b> Address (give city, county, state and zip code) 111 NW 1 Street Suite 910 Miami, Fl 33128		Organizational Unit <b>Office of the Secretariat</b> Name and telephone number of person to be contacted re matters involving this application (give area code) Jose-Luis Mesa, Director (305)375-4507	
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 59 - 60000573		<b>7. TYPE OF APPLICANT:</b> (enter appropriate letter in box) A. State      M. Independent School Dist. <input checked="" type="checkbox"/> B. County      I. State Controlled Institution of Higher Learning C. Municipal      J. Private University D. Township      K. Indian Tribe E. Interstate      L. Individual F. Intermunicipal      M. Profit Organization G. Special District      N. Other (Specify <u>MPO</u> )	
<b>8. TYPE OF APPLICATION:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): A. Increase Award      B. Decrease Award      C. Increase Duration D. Decrease Duration      Other (specify)		<b>9. NAME OF FEDERAL AGENCY:</b> FTA, Region IV	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> 20 - 505 TITLE		<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> Miami Urbanized Area Work Program	
<b>12. AREAS AFFECTED BY PROJECT (cities, counties, states etc.)</b> Metropolitan Dade County, Florida			
<b>13. PROPOSED PROJECT</b>		<b>14. CONGRESSIONAL DISTRICTS OF</b>	
Start Date	Ending Date	a. Applicant	b. Project
		13, 14, 15	13, 14, 15
<b>15. ESTIMATED FUNDING</b>		<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b>	
a. Federal	\$ 585,799	a. YES THIS PERAPPLICATION, APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON Date _____	
b. Applicant	\$ N/A	b. NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
c. State	\$ 73,225	<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b>	
d. Local	\$ 73,225	<input type="checkbox"/> Yes    If "Yes" attach an explanation <input checked="" type="checkbox"/> No	
e. Other	\$		
f. Program Income	\$		
g. TOTAL	\$ 732,249		
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>			
a. Typed Name of Authorized Representative Merrett R. Stierheim		b. Title County Manager	c. Telephone Number (305)375-5311
d. Signature of Authorized Representative 			e. Date Signed 6/5/98

Previous Editions Not Usable

Standard Form 424 (REV. 4-82)  
 Prescribed by GSA Circular A-102

## Appendix A

## FEDERAL FY 1998 CERTIFICATIONS AND ASSURANCES FOR FTA ASSISTANCE

Name of Applicant: Miami-Dade County (formerly Metropolitan Dade County)

The Applicant agrees to comply with applicable requirements of Categories I - XV. X  
(The Applicant may make this selection in lieu of individual selections below.)

OR

The Applicant agrees to comply with the applicable requirements of the following categories it has selected:

- |       |   |       |
|-------|---|-------|
| I.    | Certifications and Assurances Required of Each Applicant.                 | _____ |
| II.   | Lobbying Certification.   | _____ |
| III.  | Effects on Private Mass Transportation Companies.                         | _____ |
| IV.   | Public Hearing Certification for Major Projects with Substantial Impacts. | _____ |
| V.    | Certification for the Purchase of Rolling Stock.                          | _____ |
| VI.   | Bus Testing Certification.  | _____ |
| VII.  | Charter Service Agreement.  | _____ |
| VIII. | School Transportation Agreement.  | _____ |
| IX.   | Certification for Demand Responsive Service.                              | _____ |
| X.    | Substance Abuse Certifications.   | _____ |
| XI.   | Assurances Projects Involving Real Property.                              | _____ |
| XII.  | Certifications for the Urbanized Area Formula Program.                    | _____ |
| XIII. | Certifications for the Elderly and Persons with Disabilities Program.     | _____ |
| XIV.  | Certifications for the Nonurbanized Area Formula Program.                 | _____ |
| XV.   | Certifications for the State Infrastructure Bank (SIB) Program            | _____ |

(Both sides of this Signature Page must be appropriately completed and signed where indicated.)

Appendix A

**FEDERAL FISCAL YEAR 1998 FTA CERTIFICATIONS AND ASSURANCES**

Required of all Applicants for FTA financial assistance, and all FTA Grantees with an active project receiving capital program or formula program assistance.

Name of Applicant: Miami-Dade County

Name and Relationship of Authorized Representative: Armando Vidal, County Manager

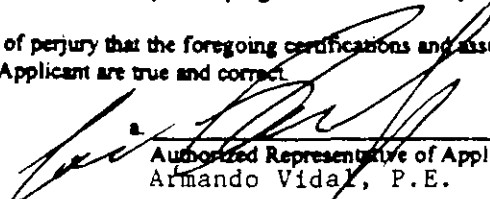
BY SIGNING BELOW I, Armando Vidal (name), on behalf of the Applicant, declare that the Applicant has duly authorized me to make these certifications and assurances and bind the Applicant's compliance. Thus, the Applicant agrees to comply with all Federal statutes, regulations, executive orders, and administrative guidance required for each application it makes to the Federal Transit Administration (FTA) in Federal Fiscal Year 1998.

FTA intends that the certifications and assurances the Applicant selects on the other side of this document, as representative of the certifications and assurances in Appendix A, should apply, as required, to each project for which the Applicant seeks now, or may later, seek FTA assistance during Federal Fiscal Year 1998.

The Applicant affirms the truthfulness and accuracy of the certifications and assurances it has made in the statements submitted herein with this document and any other submission made to FTA, and acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, 31 U.S.C. 3801 *et seq.*, as implemented by U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR part 31 apply to any certification, assurance or submission made to FTA. The criminal fraud provisions of 18 U.S.C. 1001 apply to any certification, assurance, or submission made in connection with the Urbanized Area Formula Program, 49 U.S.C. 5307, and may apply to any other certification, assurance, or submission made in connection with any other program administered by FTA.

In signing this document, I declare under penalties of perjury that the foregoing certifications and assurances, and any other statements made by me on behalf of the Applicant are true and correct.

Date: 2/9/98

  
Authorized Representative of Applicant  
Armando Vidal, P.E.


**AFFIRMATION OF APPLICANT'S ATTORNEY**

for Miami-Dade County (Name of Applicant)

As the undersigned legal counsel for the above named Applicant, I hereby affirm that the Applicant has authority under state and local law to make and comply with the certifications and assurances as indicated on the foregoing pages. I further affirm that, in my opinion, the certifications and assurances have been legally made and constitute legal and binding obligations on the Applicant.

I further affirm that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these certifications and assurances, or of the performance of the project. Furthermore, if I become aware of circumstances that change the accuracy of the foregoing statements, I will notify the Applicant and FTA promptly.

Date: 12/22/97

  
Applicant's Attorney  
Robert A. Cuevas, Jr.

An attorney for the Applicant must provide an affirmation of the Applicant's legal capacity, unless the Applicant seeks only an FTA university and research training grant authorized by 49 U.S.C. 5312(b)

In addition, an attorney for a Capital Program Grantee or Formula Program Grantee with an active project must provide an affirmation of the Grantee's legal capacity

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER  
RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

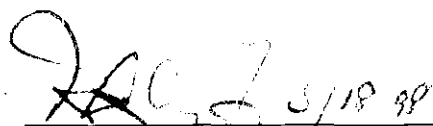
The Primary Participant (Applicant for an FTA Grant or cooperative agreement), the Metropolitan Planning Organization for the Miami Urbanized Area, certifies to the best of its knowledge and belief, that it and its principals:

- (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (2) 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 connection 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;
- (3) Are not presently indicted for or otherwise criminally or civilly charged by governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
- (4) Have not, within a three-year period proceeding this application/proposal, had one or more public transactions (Federal, State and local) terminated for cause or default.

Where the primary participant (Applicant for an FTA grant or cooperative agreement) is unable to certify to any of the statements in this certification, such participant shall attach an explanation to this proposal.

THE PRIMARY (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT), THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. &&3801 ET SEQ. ARE APPLICABLE THERETO.

  
\_\_\_\_\_  
Authorized Official

  
\_\_\_\_\_  
Attorney's Signature

\_\_\_\_\_  
County Manager  
Title of Authorized Official

\_\_\_\_\_  
6/5/98  
Date

**APPENDIX I**

**FY 1999 UNIFIED PLANNING WORK PROGRAM**

**FUNDING SOURCES**

<b>I.</b>	<b>FHWA FUNDS</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
	FHWA FY 99 - Regular PL Funds (81.93%)	934,755	
	Local Match (18.07%)	206,164	<b>1,140,919</b>
	<b>TOTAL:</b>		<b>1,140,919</b>
<b>II.</b>	<b>STP FUNDS</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
	FY 99 STP Funds (80%)	496,000	
	State Match (10%)	62,000	
	Local Match (10%)	62,000	<b>620,000</b>
	<b>TOTAL:</b>		<b>620,000</b>
<b>III.</b>	<b>FTA SECTION 8 FUNDS</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
	Section 8 (Regular) (80%)	585,799	
	State Match (10%)	73,225	
	Local Match (10%)	73,225	<b>732,249</b>
	<b>TOTAL</b>		<b>732,249</b>
<b>IV.</b>	<b>FTA SECTION 5307 FUNDS (Section 9)</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
	Project No. 2.10 Tri-Rail Coordination (80%)	160,000	
	Soft Match (20%)	40,000	<b>200,000</b>
	All other Section 9 Funds (80%)	1,064,000	
	Transit Local Match (20%)	266,000	<b>1,330,000</b>
	<b>TOTAL</b>		<b>1,530,000</b>

**APPENDIX I**

**FY 1999 UNIFIED PLANNING WORK PROGRAM**

**FUNDING SOURCES**

<b>V. OTHER/STATE FUNDS AND LOCAL MATCH</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
Project No. 2.13: Downtown Kendall Charrette (Dept. of Community Affairs)	50,000	<b>50,000</b>
Project No. 2.13: Downtown Kendall Charrette (Private Sector)	50,000	<b>50,000</b>
Project No. 4.13: Municipal Grant Program (Municipal Match 20%)	62,500	<b>62,500</b>
Project No. 4.07: Transportation Disadvantaged Planning (100% State)	62,720	<b>62,720</b>
<b>TOTAL</b>		<b>225,220</b>

<b>FY 1999 NEW FUNDING TOTAL</b>	<b>4,248,388</b>
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<b>VI. PREVIOUS YEARS FUNDING CARRIED OVER</b>	<b>FUNDING</b>	<b>SUBTOTALS</b>
FY 98 STP: Element Nos. 2.04, 2.06, 3.02, 3.04, 3.06 and 4.13 (80%)	350,000	
State Match (10%)	43,750	
Local Match (10%)	43,750	<b>437,500</b>
FY 97 STP: Element Nos. 1.02, 3.07, 4.14 (80%)	144,000	
State Match (10%)	18,000	
Local Match (10%)	18,000	<b>180,000</b>
FY 97 Section 8: Element Nos. 1.01, 3.01, & 4.05 (80%)	80,000	
State Match (10%)	10,000	
Local Match (10%)	10,000	<b>100,000</b>
FY 96 Section 8: Element Nos. 1.02 and 2.12 (80%)	108,000	
State Match (10%)	13,500	
Local Match (10%)	13,500	<b>135,000</b>
<b>TOTAL</b>		<b>852,500</b>

<b>FY 1999 UPWP GRAND TOTAL</b>	<b>5,100,889</b>
---------------------------------	------------------

**APPENDIX II  
FY 1999 UNIFIED PLANNING WORK PROGRAM**

**PROJECT FUNDING BY SOURCE (\$000)**

<b>OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. &amp; Enhancement</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Total</b>
1.01 Urban Travel Modeling and Forecasting	30	55				40					125
1.02 Long Range Trans. Plan Update	25	60		180			75	50			390
1.03 Trans./Land Use Coordination	86	92.7	27								205.7
1.04 Socio-Economic Database	70	65									135
1.05 Southeast FL Regional Travel Characteristics	231										231
<b>TOTAL - OBJECTIVE A</b>	<b>442</b>	<b>272.7</b>	<b>27</b>	<b>180</b>	<b>0</b>	<b>40</b>	<b>75</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>1,086.7</b>

<b>OBJECTIVE B: Short Range Trans. System Planning and Development</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Total</b>
2.01 Short-Range Intermodal Planning	70	55	5	70							200
2.02 Short-Range Transit Planning			89								89
2.03 Highway Traffic Counting Program	50										50
2.04 Aesthetics and Urban Design in Trans. Planning		5							41		46
2.05 Conduct Transit Market Research			25								25
2.06 Cont. Technical Support for TMA's		20							40		60
2.07 Transit Route-Level Monitoring			491								491
2.08 Transit Financial Capacity Assessment			22								22
2.09 Transit Reporting			160								160
2.10 Tri-Rail Coordination			200								200
2.11 Transit Ridership Forecasting			23								23
2.12 Private Sector/Public Trans. Service Study	14			40			60				114
2.13 Kendall Charrette (DCA 50K & Private 50K)			50							100	150
<b>TOTAL - OBJECTIVE B</b>	<b>134</b>	<b>80</b>	<b>1,065</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>81</b>	<b>100</b>	<b>1,630</b>

<b>OBJECTIVE C: Intermodal Transportation System</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Total</b>
3.01 A/Q Conformity Determination Assess.	40	45				30					115
3.02 Downtown Miami Transportation Plan	10								50		60
3.03 Center for Urban Trans. Research Support			100								100
3.04 Comp. Bicycle/Pedestrian Planning Programs				40					90		130
3.05 Improving Regional Trans. Planning	25										25
3.06 Station Area Aesthetics, Design and Dev.	10								75		85
3.07 Vanpool Marketing Program								65			65
<b>TOTAL - OBJECTIVE C</b>	<b>85</b>	<b>45</b>	<b>100</b>	<b>40</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>65</b>	<b>215</b>	<b>0</b>	<b>580</b>

**APPENDIX II  
FY 1999 UNIFIED PLANNING WORK PROGRAM  
PROJECT FUNDING BY SOURCE (\$000)**

<b>OBJECTIVE D: Transportation Planning Decision Making Process</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Total</b>
4.01 UPWP Administration	35	35									70
4.02 MPO Board Staff Support	130	32	50								212
4.03 UPWP Development	30			30							60
4.04 TIP Development	20	62.5	129	60							271.5
4.05 Citizen and Private Sector Involvement	55	70				30					155
4.06 Technical Committees Support	45	55									100
4.07 Trans. Disadvantaged Planning					62.7						62.7
4.08 American with Disabilities Act (ADA) Planning			129								129
4.09 FTA Civil Rights Requirements		10	30								40
4.10 Legislative Assessments		10									10
4.11 MPO Program Support Services	75	60									135
4.12 ADA Required Infrastructure Improvements	10									Municipal Match 62.5	10
4.13 Municipal Grant Program	10			150					100.0		322.5
4.14 Public Information Program	70			50				65	42		226.5
<b>SUBTOTAL - OBJECTIVE D</b>	<b>480</b>	<b>335</b>	<b>338</b>	<b>290</b>	<b>63</b>	<b>30</b>	<b>0</b>	<b>65</b>	<b>142</b>	<b>63</b>	<b>1,804.2</b>
<b>OBJECTIVE E: State Planning Program</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Total</b>
5.01 State Planning Project Summary											
<b>TOTAL - OBJECTIVE E</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PROJECT FUNDING BY SOURCE</b>	<b>FHWA PL</b>	<b>FTA Sec.8</b>	<b>FTA 5307</b>	<b>STP</b>	<b>TDC</b>	<b>Sec.8 FY 97</b>	<b>Sec.8 FY 96</b>	<b>STP FY 97</b>	<b>STP FY 98</b>	<b>OTHER</b>	<b>Grand Total</b>
<b>1999 UNIFIED PLANNING WORK PROGRAM</b>	<b>1,141</b>	<b>732</b>	<b>1,530</b>	<b>620</b>	<b>63</b>	<b>100</b>	<b>135</b>	<b>180</b>	<b>438</b>	<b>163</b>	<b>5,100.9</b>

**APPENDIX III  
FY 1999 UNIFIED PLANNING WORK PROGRAM**

**PROJECT FUNDING BY AGENCY (\$000)**

<b>OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. &amp; Enhancement</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consul- tant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Total</b>
1.01 Urban Travel Modeling and Forecasting	100	25								125
1.02 Long Range Trans. Plan Update	90					300				390
1.03 Trans./Land Use Coordination	81.2	64.5	40	20						205.7
1.04 Socio-Economic Database			135							135
1.05 SE FL Regional Travel Characteristics	21					210				231
<b>TOTAL - OBJECTIVE A</b>	<b>292</b>	<b>90</b>	<b>175</b>	<b>20</b>	<b>0</b>	<b>510</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,086.7</b>

<b>OBJECTIVE B: Short Range Trans. System Planning and Development</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consul- tant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Total</b>
2.01 Short-Range Intermodal Planning	185	5		10						200
2.02 Short-Range Transit Planning		89								89
2.03 Highway Traffic Counting Program				50						50
2.04 Aesthetics & Urban Design in Trans.	5					41				46
2.05 Conduct Transit Market Research		25								25
2.06 Cont. Technical Support for TMA's	20					40				60
2.07 Transit Route-Level Monitoring		491								491
2.08 Transit Financial Capacity Assessment		22								22
2.09 Transit Reporting		160								160
2.10 Tri-Rail Coordination									TCRA 200	200
2.11 Transit Ridership Forecasting		23								23
2.12 Private Sector/Public Trans. Service	14					100				114
2.13 Downtown Kendall Charrette						150				150
<b>TOTAL - OBJECTIVE B</b>	<b>224</b>	<b>815</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>331</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>1,630</b>

**APPENDIX III**  
**FY 1999 UNIFIED PLANNING WORK PROGRAM**  
**PROJECT FUNDING BY AGENCY (\$000)**

<b>OBJECTIVE C: Intermodal Transportation System</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consul- tant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Total</b>
3.01 A/Q Conformity Determination Assess.	115									115
3.02 Downtown Miami Transportation Plan	10						50			60
3.03 Center for Urban Trans. Research		100								100
3.04 Bicycle/Pedestrian Planning Programs	130									130
3.05 Improving Regional Trans. Planning								25		25
3.06 Station Area Aesthetics, Design and Dev.	10		25						MIAMI 50	85
3.07 Vanpool Marketing Program						65				65
<b>TOTAL - OBJECTIVE C</b>	<b>265</b>	<b>100</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>65</b>	<b>50</b>	<b>25</b>	<b>50</b>	<b>580</b>

<b>OBJECTIVE D: Transportation Planning Decision Making Process</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consul- tant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Total</b>
4.01 UPWP Administration	70									70
4.02 MPO Board Staff Support	212									212
4.03 UPWP Development	60									60
4.04 TIP Development	110	92		20	50					271.5
4.05 Citizen and Private Sector Involvement	155									155
4.06 Technical Committees Support	100									100
4.07 Trans. Disadvantaged Planning	2.7	60								62.7
4.08 ADA Planning		129								129
4.09 FTA Civil Rights Requirements		40								40
4.10 Legislative Assessments	10									10
4.11 MPO Program Support Services	135									135
4.12 ADA Infrastructure Improvements				10						10
4.13 Municipal Grant Program	10								Cities 312.5	322.5
4.14 Public Information Program	120					106.5				226.5
<b>SUBTOTAL - OBJECTIVE D</b>	<b>985</b>	<b>321</b>	<b>0</b>	<b>30</b>	<b>50</b>	<b>107</b>	<b>0</b>	<b>0</b>	<b>313</b>	<b>1,804.2</b>

**APPENDIX III  
 FY 1999 UNIFIED PLANNING WORK PROGRAM  
 PROJECT FUNDING BY AGENCY (\$000)**

<b>OBJECTIVE E: State Planning Program</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consultant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Total</b>
5.01 State Planning Project Summary										
<b>TOTAL - OBJECTIVE E</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>PROJECT FUNDING BY AGENCY</b>	<b>MPO</b>	<b>MDTA</b>	<b>PDR</b>	<b>DCPW</b>	<b>OMB</b>	<b>Consultant</b>	<b>DDA</b>	<b>SFRPC</b>	<b>Other</b>	<b>Grand Total</b>
<b>1999 UNIFIED PLANNING WORK PROGRAM</b>	<b>1,766</b>	<b>1,325</b>	<b>200</b>	<b>110</b>	<b>50</b>	<b>1013</b>	<b>50</b>	<b>25</b>	<b>563</b>	<b>6,100.9</b>

**APPENDIX IV  
FY 1999 UNIFIED PLANNING WORK PROGRAM  
PROJECT FUNDING DETAIL (\$000)**

OBJECTIVE A: Long Range Trans. Planning, Dev. and Enhancement	FTA					FHWA					STATE								LOCAL/OTHER								6/2/98				
	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 STP	98 STP	97 STP	State TOTAL	DCA	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 PL	99 STP	98 STP	97 STP	Other	Total	TOTAL
1.01 Urban Travel Modeling & Frctg.	0	32	44	0	76	24.6	0	0	0	24.6	0	0	4	5.5	0	0	0	0	9.5	0	0	4	5.5	0	5.42	0	0	0	0	14.9	125
1.02 Long Range Trans. Plan Update	60	0	48	0	108	20.5	144	0	40	204	0	7.5	0	6	0	18	0	5	36.5	0	7.5	0	6	0	4.5	18	0	5	0	41	390
1.03 Trans./Land Use Coordination	0	0	74.2	21.6	95.8	70.5	0	0	0	70.5	0	0	0	9.27	0	0	0	0	9.27	0	0	0	9.27	5.4	15.5	0	0	0	0	30.2	206
1.04 Socio-Economic Database	0	0	52	0	52	57.4	0	0	0	57.4	0	0	0	6.5	0	0	0	0	6.5	0	0	0	6.5	0	12.6	0	0	0	0	19.1	135
1.05 SE FL Regional Travel Characteristics	0	0	0	0	0	189	0	0	0	189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.7	0	0	0	0	41.7	231
<b>TOTAL OBJECTIVE A</b>	<b>60</b>	<b>32</b>	<b>216</b>	<b>21.6</b>	<b>332</b>	<b>362</b>	<b>144</b>	<b>0</b>	<b>40</b>	<b>548</b>	<b>0</b>	<b>7.5</b>	<b>4</b>	<b>27.3</b>	<b>0.0</b>	<b>18</b>	<b>0</b>	<b>5</b>	<b>61.8</b>	<b>0</b>	<b>7.5</b>	<b>4</b>	<b>27.3</b>	<b>5.4</b>	<b>79.9</b>	<b>18</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>147</b>	<b>1,087</b>
OBJECTIVE B: Short Range Trans. System Planning and Mgmt.	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 STP	98 STP	97 STP	State TOTAL	DCA	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 PL	99 STP	98 STP	97 STP	Other	Total	TOTAL
2.01 Short-Range Intermodal Planning	0	0	44	4	48	57.4	56	0	0	113	0	0	0	5.5	0	7	0	0	12.5	0	0	0	5.5	1.0	12.6	7	0	0	0	26.1	200
2.02 Short-Range Transit Planning	0	0	0	71.2	71.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.8	0	0	0	0	0	17.8	69
2.03 Highway Traffic Counting Program	0	0	0	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	9.0	0	0	0	0	9.0	50
2.04 Aesthetics & Urban Design in Trans	4	0	0	0	4	0	0	32.8	0	32.8	0	0.5	0	0	0	0	4.1	0	4.6	0	0.5	0	0	0	0	0	0	0	0	4.6	46
2.05 Conduct Transit Market Research	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	2.5	0	0	2.5	0	0	0	0	0	0	2.5	0	0	0	2.5	25
2.06 Cont. Technical Support for TMA's	0	0	16	0	16	0	0	32	0	32	0	0	0	2	0	0	4	0	6	0	0	0	2	0	0.0	0	4	0	0	6.0	60
2.07 Transit Route-Level Monitoring	0	0	0	393	393	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98.2	0	0	0	0	0	98.2	491
2.08 Transit Financial Capacity Assess	0	0	0	17.6	17.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.4	0	0	0	0	0	4.4	22
2.09 Transit Reporting	0	0	0	128	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	32	160
2.10 Tri-Rail Coordination	0	0	0	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	200
2.11 Transit Ridership Forecasting	0	0	0	18.4	18.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	4.6	0	0	0	0	0	4.6	23
2.12 Private Sector/Public Trans. Service	48	0	0	0	48	44.2	0	0	0	44.2	0	6	0	0	0	0	0	0	6	0	6	0	0	0	9.8	0	0	0	0	15.8	114
2.13 Downtown Kendall Charrette	0	0	0	40	40	0	0	0	0	0	0	0	0	0	5	0	0	0	5	50	0	0	0	5	0.0	0	0	0	50	105.0	150
<b>TOTAL OBJECTIVE B</b>	<b>52</b>	<b>0</b>	<b>60</b>	<b>832</b>	<b>944</b>	<b>143</b>	<b>76</b>	<b>64.8</b>	<b>0</b>	<b>283</b>	<b>0</b>	<b>6.5</b>	<b>0</b>	<b>7.5</b>	<b>5</b>	<b>9.5</b>	<b>8.1</b>	<b>0</b>	<b>36.6</b>	<b>50</b>	<b>8.5</b>	<b>0</b>	<b>7.5</b>	<b>163</b>	<b>31.4</b>	<b>9.5</b>	<b>8.1</b>	<b>0</b>	<b>90</b>	<b>366</b>	<b>1,630</b>

**APPENDIX IV**  
**FY 1999 UNIFIED PLANNING WORK PROGRAM**  
**PROJECT FUNDING DETAIL (\$000)**

OBJECTIVE C: Intermodal Transportation System	FTA				FHWA					STATE							LOCAL/OTHER							6/2/98							
	FY98 S.8	FY97 S.8	FY99 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY96 S.8	FY97 S.8	FY99 S.8	Sect. 5307	99 STP	98 STP	97 STP	State TOTAL	DCA	FY98 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 PL	99 STP	98 STP	97 STP	Other	Total	TOTAL
3.01 A/Q Conformity Determination Assess	0	24	36	0	60	32.8	0	0	0	32.8	0	0	3	4.5	0	0	0	0	7.5	0	0	3	4.5	0	7.2	0	0	0	0	14.7	115
3.02 Downtown Miami Transportation Plan	0	0	0	0	0	8.2	0	40	0	48.2	0	0	0	0	0	5	0	5	0	0	0	0	0	0	1.8	0	5	0	0	6.81	60
3.03 Center for Urban Trans. Research	0	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20	100	
3.04 Comp Bicycle/Pedestrian Planning	0	0	0	0	0	0	32	72	0	104	0	0	0	0	4	9	0	13	0	0	0	0	0	0	4	9	0	0	13	130	
3.05 Improving Regional Trans. Planning	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	4.5	25	
3.06 Station Aesthetics, Design and Dev.	0	0	0	0	0	8.2	0	60	0	68.2	0	0	0	0	0	7.5	0	7.5	0	0	0	0	0	0	1.8	0	7.5	0	0	9.3	85
3.07 Vanpool Marketing Program	0	0	0	0	0	0.0	0	0	52	52	0	0	0	0	0	0	0	6.5	6.5	0	0	0	0	0.0	0	0	6.5	0	6.5	65	
<b>TOTAL OBJECTIVE C</b>	<b>0</b>	<b>24</b>	<b>36</b>	<b>80</b>	<b>140</b>	<b>69.6</b>	<b>32</b>	<b>172</b>	<b>52</b>	<b>328</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4.5</b>	<b>0</b>	<b>4</b>	<b>21.5</b>	<b>8.5</b>	<b>39.5</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4.5</b>	<b>20</b>	<b>15.4</b>	<b>4</b>	<b>21.5</b>	<b>6.5</b>	<b>0</b>	<b>74.9</b>	<b>580</b>

**APPENDIX IV  
FY 1999 UNIFIED PLANNING WORK PROGRAM  
PROJECT FUNDING DETAIL (\$000)**

	FTA					FHWA					STATE								LOCAL/OTHER								6/2/98						
	FY98 S.8	FY97 S.8	FY99 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY96 S.8	FY97 S.8	FY99 S.8	Sect. 5307	99 STP	98 STP	97 STP	State TOTAL	DCA	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	99 PL	99 STP	98 STP	97 STP	Other	Total	TOTAL		
<b>OBJECTIVE D: Transportation Planning Decision-Making and Funding</b>																																	
4.01 UPWP Administration	0	0	28	0	28	28.7	0	0	0	28.7	0	0	0	3.5	0	0	0	0	3.5	0	0	0	3.5	0	6.3	0	0	0	0	0	9.8	70	
4.02 MPO Board Staff Support	0	0	25.6	40	65.6	107	0	0	0	107	0	0	0	3.2	0	0	0	0	3.2	0	0	0	3.2	10	23.5	0	0	0	0	0	36.7	212	
4.03 UPWP Development	0	0	0	0	0	24.6	24	0	0	48.6	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5.42	3	0	0	0	8.42	60		
4.04 TIP Development	0	0	50	103	153	16.4	48	0	0	64.4	0	0	0	6.25	0	6	0	0	12.3	0	0	0	6.25	25.8	3.61	6	0	0	0	41.7	271.5		
4.05 Citizen & Private Sector Involvement	0	24	56	0	80	45.1	0	0	0	45.1	0	0	3	7	0	0	0	0	10	0	0	3	7	0	9.9	0	0	0	0	19.9	155		
4.06 Technical Committees Support	0	0	44	0	44	36.9	0	0	0	36.9	0	0	0	5.5	0	0	0	0	5.5	0	0	0	5.5	0	8.1	0	0	0	0	13.6	100		
4.07 Trans. Disadvantaged Planning	0	0	0	0	0	0	0	0	0	0	62.7	0	0	0	0	0	0	0	62.7	0	0	0	0	0	0	0	0	0	0	0	62.7		
4.08 ADA Planning	0	0	0	103	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	0	0	0	0	0	25.8	129		
4.09 FTA Civil Rights Requirements	0	0	8	24	32	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	6.0	0	0	0	0	0	7.0	40		
4.10 Legislative Assessments	0	0	8	0	8	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	10		
4.11 MPO Program Support Services	0	0	48	0	48	61.4	0	0	0	61.4	0	0	0	6	0	0	0	0	6	0	0	0	6	0	13.6	0	0	0	0	19.6	135		
4.12 ADA Required Infrastructure	0	0	0	0	0	8.2	0	0	0	8.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	0	0	0	0	1.81	10		
4.13 Municipal Grant Program	0	0	0	0	0	8.2	120	80	0	208	0	0	0	0	0	15	10	0	25	0	0	0	0	0	1.8	15	0	62.5	89.3	323			
4.14 Public Information Program	0	0	0	0	0	57.4	40	33.2	52	183	0	0	0	0	0	5.0	4.15	6.5	15.7	0	0	0	0	0	12.6	5.0	4.15	6.5	0	28.3	226.5		
<b>TOTAL OBJECTIVE D</b>	<b>0</b>	<b>24</b>	<b>288</b>	<b>270</b>	<b>562</b>	<b>393</b>	<b>232</b>	<b>113</b>	<b>52</b>	<b>790</b>	<b>63</b>	<b>0</b>	<b>3</b>	<b>33</b>	<b>0</b>	<b>29</b>	<b>14</b>	<b>7</b>	<b>149</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>33</b>	<b>68</b>	<b>87</b>	<b>29</b>	<b>14</b>	<b>7</b>	<b>63</b>	<b>303</b>	<b>1,804.2</b>		
<b>OBJECTIVE E: State Planning Program</b>																																	
5.01 State Project Planning Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>TOTAL OBJECTIVE E</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>FUNDING BY AGENCY ALLOCATION</b>																																	
<b>GRAND TOTAL</b>																																	
1999 UPWP	112	80	582	1204	1978	968	484	350	144	1946	63	14	10	73	5	81	44	18	287	50	14	10	73	256	213	61	44	18	153	891	5,100.9		

**APPENDIX V**  
**PREVIOUS YEAR (FY 1998) PROJECT FUNDING DETAIL**  
**PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)**

	FTA					FHWA					STATE					LOCAL/OTHER						4/28/97											
	FY95 S.8	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	FTA Total	98 PL	98 STP	96 STP	97 STP	FHWA TOTAL	FY95 S.8	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	98 STP	96 STP	97 STP	State TOTAL	FY95 S.8	FY96 S.8	FY97 S.8	FY98 S.8	Sect. 5307	98 PL	98 STP	96 STP	97 STP	Other	Total	TOTAL	
<b>OBJECTIVE A: Long Range Trans. Planning, Dev. and Enhancement</b>																																	
1.01 Urban Travel Modeling & Frstg.	0	0	32	42.4	0	74.4	49.2	0	0	0	49.2	0	0	4	5.3	0	0	0	0	9.3	0	0	4	5.3	0	10.8	0	0	0	0	0	20.1	153
1.02 Long Range Trans. Plan Update	40	60	0	48	0	148	24.6	0	0	40	64.6	5	7.5	0	6	0	0	0	5	23.5	5	7.5	0	6	0	5.4	0	0	5	0	28.9	265	
1.03 Trans./Land Use Coordination	0	0	0	73.6	19.4	93	81.9	0	0	0	81.9	0	0	0	9.2	0	0	0	0	9.2	0	0	0	9.2	4.8	18.1	0	0	0	0	32.1	216	
1.04 Socio-Economic Database	0	0	0	52	0	52	57.4	0	0	0	57.4	0	0	0	6.5	0	0	0	0	6.5	0	0	0	6.5	0	12.6	0	0	0	0	19.1	135	
<b>TOTAL OBJECTIVE A</b>	<b>40</b>	<b>60</b>	<b>32</b>	<b>216</b>	<b>19.4</b>	<b>367</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>253</b>	<b>5</b>	<b>7.5</b>	<b>4</b>	<b>27</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>48.5</b>	<b>5</b>	<b>7.5</b>	<b>4</b>	<b>27</b>	<b>4.8</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>100</b>	<b>769</b>	
<b>OBJECTIVE B: Short Range Trans. System Planning and Mgmt.</b>																																	
2.01 Short-Range Intermodal Planning	0	0	0	64	26.5	90.5	91.8	0	0	0	91.8	0	0	0	8	0	0	0	0	8	0	0	0	8	6.6	20.2	0	0	0	0	34.9	225	
2.02 Short-Range Transit Planning	0	0	0	0	47.2	47.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.8	0	0	0	0	0	11.8	59	
2.03 Highway Traffic Counting Program	0	0	0	0	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	9.0	0	0	0	0	9.0	50	
2.04 Dev. of an Integrated Trans. Mgmt	0	20	0	0	0	20	0	0	40	0	40	0	2.5	0	0	0	0	5	0	7.5	0	2.5	0	0	0	0	0	5	0	0	7.5	75	
2.05 Greenways and Trails Maintenance	0	0	0	0	0	0	0	48	0	0	48	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	6	0	0	0	6	60	
2.06 Cont. Technical Support for TMA's	0	0	0	0	0	0	16.4	32	0	0	48.4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	3.6	0	0	0	0	7.6	60	
2.07 Transit Route-Level Monitoring	0	0	0	0	341	341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85.3	0	0	0	0	0	85.3	427	
2.08 Transit Financial Capacity Assess	0	0	0	0	16.4	16.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	4.1	0	0	0	0	0	4.1	21	
2.09 Transit Reporting	0	0	0	0	83.9	83.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	21	105	
2.10 Tri-Rail Coordination	0	0	0	0	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	200	
2.11 Transit Ridership Forecasting	0	0	0	0	17.3	17.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	4.3	0	0	0	0	0	4.3	22	
2.12 Cong. Intersection Improvements	0	0	0	0	0	0	8.2	0	0	20	28.2	0	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	1.8	0	0	2.5	0	4.3	35	
2.13 Private Sector/Public Trans. Service	0	0	0	0	0	0	44.2	0	0	0	44.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.8	0	0	0	0	9.8	54	
2.14 Aesthetics & Urban Design in Trans.	0	0	0	0	0	0	8.2	28	0	0	36.2	0	0	0	0	0	3.5	0	0	3.5	0	0	0	0	0	1.8	3.5	0	0	0	5.3	45	
2.15 Specific Area Planning and Design	0	0	0	0	0	0	32.8	0	0	0	32.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.2	0	0	0	0	7.2	40	
2.16 NW/SW 1st Avenue Extension Project	0	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	4.5	0	0	0	0	4.5	25	
2.17 Conduct Transit Market Research	0	0	0	0	57.3	57.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	14.3	0	0	0	0	0	14.3	72	
<b>TOTAL OBJECTIVE B</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>64</b>	<b>750</b>	<b>834</b>	<b>263</b>	<b>108</b>	<b>40</b>	<b>20</b>	<b>431</b>	<b>0</b>	<b>2.5</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>13.5</b>	<b>5</b>	<b>2.5</b>	<b>31.5</b>	<b>0</b>	<b>2.5</b>	<b>0</b>	<b>8</b>	<b>14.7</b>	<b>58</b>	<b>13.5</b>	<b>5</b>	<b>2.5</b>	<b>40</b>	<b>277</b>	<b>1573</b>	

**APPENDIX V**  
**PREVIOUS YEAR (FY 1998) PROJECT FUNDING DETAIL**  
**PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)**

OBJECTIVE C: Intermodal Transportation System	FTA					FHWA					STATE								LOCAL/OTHER							4/28/97						
	FY95	FY96	FY97	FY98	Sect.	FTA	98	98	96	97	FHWA	FY95	FY96	FY97	FY98	Sect.	98	96	97	State	FY95	FY96	FY97	FY98	Sect.	98	98	96	97	Other	Total	TOTAL
	S.8	S.8	S.8	S.8	5307	Total	PL	STP	STP	STP	TOTAL	S.8	S.8	S.8	S.8	5307	STP	STP	STP	TOTAL	S.8	S.8	S.8	S.8	5307	PL	STI	STP	STP			
3.01 A/Q Conformity Determination Assess	0	0	24	40	0	64	32.8	0	0	0	32.8	0	0	3	5	0	0	0	0	8	0	0	3	5	0	7.2	0	0	0	0	15.2	120
3.02 Downtown Miami Transportation Plan	0	0	0	0	0	0	8.2	40	0	0	48.2	0	0	0	0	0	5	0	0	5	0	0	0	0	0	1.8	5	0	0	0	6.81	60
3.03 Center for Urban Trans. Research	0	0	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20	100
3.04 Comp. Bicycle/Pedestrian Planning	0	0	0	19.2	0	19.2	0	88.8	0	0	88.8	0	0	0	2.4	0	11.1	0	0	13.5	0	0	0	2.4	0	0	11.1	0	0	0	13.5	135
3.05 Improving Regional Trans. Planning	0	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	0	4.5	25
3.06 Station Aesthetics, Design and Dev.	0	0	0	0	0	0	8.2	60	0	0	68.2	0	0	0	0	0	7.5	0	0	7.5	0	0	0	0	0	1.8	7.5	0	0	0	9.3	85
3.07 Vanpool Marketing Program	0	0	0	0	0	0	0	0	0	52	52	0	0	0	0	0	0	0	6.5	6.5	0	0	0	0	0	0	0	0	6.5	0	6.5	65
3.08 Historical Impacts of Trans. Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100
3.09 Alt. for Intermodal Improvements	0	0	0	0	0	0	45.1	0	0	0	45.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.9	0	0	0	0	9.9	55
3.10 Effects of Trans. Projects	0	0	0	0	0	0	4.1	0	0	24	28.1	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0.9	0	0	3	0	3.9	35
<b>TOTAL OBJECTIVE C</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>59.2</b>	<b>80</b>	<b>163</b>	<b>119</b>	<b>189</b>	<b>0</b>	<b>76</b>	<b>384</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>7.4</b>	<b>0</b>	<b>23.6</b>	<b>0</b>	<b>9.5</b>	<b>43.5</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>7.4</b>	<b>20</b>	<b>26.2</b>	<b>25</b>	<b>0</b>	<b>9.5</b>	<b>100</b>	<b>190</b>	<b>780</b>



TABLE 1

**ISTEA 16 FACTORS**

1. The preservation of existing transportation facilities and, where practical, ways to meet transportation more efficiently;
2. The consistency of transportation planning with applicable federal, state, and local energy conservation programs, goals, and objectives;
3. The need to relieve congestion and prevent congestion from occurring where it does not yet occur;
4. The likely effect of transportation policy decisions on land use and development and the consistency of transportation plans and programs with provisions of all applicable short-term and long-term land use and development plans;
5. The programming of expenditures on transportation enhancements activities as required by federal law;
6. The effects of all transportation projects to be undertaken within the metropolitan area, without regard to whether such project are publicly funded;
7. Any international border crossing and access to ports, airports, intermodal transportation facilities, major freight distribution routes, national parks recreation areas, monuments and historic sites and military installations.;
8. The need for connectivity of roads within the metropolitan area with roads outside the metropolitan area;
9. The transportation needs identified through use of the management system required under the Act;
10. The preservation of right-of-way for construction of future transportation projects, including the identification of unused rights-of-way which may be needed for future transportation corridors and identification of those corridors for which action is most needed to prevent destruction or loss;
11. Any available methods to enhance the efficient movement of freight;
12. The use of life-cycle costs in the design and engineering of bridges, tunnels, or pavement;
13. The overall social, economic, energy, and environmental effects of transportation decisions;
14. Methods to expand and enhance transit services and to increase the use of such services;
15. Capital investments that would result in increased security in transit systems;
16. Recreational travel and tourism.

**TABLE 1**

**FY 1999 UNIFIED PLANNING WORK PROGRAM**

**Cross Reference of Work Tasks with ISTE A Planning Factors**

Task #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.01	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
1.02	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
1.03	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
1.04																
1.05	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2.01	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2.02																
2.03																
2.04	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2.05																
2.06																
2.07																
2.08																
2.09																
2.10	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2.11																
2.12	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2.13																
3.01																
3.02	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
3.03																
3.04																
3.05																
3.06	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
3.07																
4.01																
4.02																
4.03	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
4.04																
4.05																
4.06																
4.07																
4.08																
4.09																
4.10																
4.11																
4.12																
4.13	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
4.14																



## TABLE 2 DESCRIPTIONS

FY 1999 UNIFIED PLANNING WORK PROGRAM

### PLANNING EMPHASIS AREAS (PEAs)

1. *SYSTEM MANAGEMENT AND OPERATION*
2. *FINANCIAL PLANNING*
3. *ENVIRONMENTAL AND COMMUNITY IMPACT*
4. *TRANSPORTATION AND EQUITY*

**TABLE 2**

**FY 1998 UNIFIED PLANNING WORK PROGRAM**

**PLANNING EMPHASIS AREAS (PEA's) MATRIX WITH CURRENT PROJECTS**

Number	1	2	3	4
1.01	■			
1.02	■	■	■	■
1.03	■			
1.04	■			
2.01	■			
2.02	■	■		
2.03	■			
2.04	■		■	
2.05	■			■
2.06			■	■
2.07	■			
2.08		■		
2.09	■			
2.10	■			
2.11	■			
2.12	■			
2.13	■	■	■	■
3.01		■		
3.02			■	
3.03	■			
3.04	■		■	
3.05	■			
3.06	■		■	
3.07	■			
4.01	■			
4.02				■
4.03	■			■
4.04			■	■
4.05				■
4.06	■			
4.07	■			■
4.08			■	
4.09				■
4.10		■		
4.11	■			
4.12			■	
4.13	■			■
4.14			■	■

**TABLE 3**

**L RTP 13 OBJECTIVES**

1. Plan for the provision of transportation services and facilities to serve the needs of the population in the metropolitan area, in accordance with the federal and state transportation planning process requirements;
2. Develop an integrated multimodal transportation system that emphasizes people movement by facilitating the transfer between modes, and the connectivity of the transportation network within and outside the metropolitan area;
3. Preserve rights-of-way in corridors anticipated to be heavily traveled in the future;
4. To consider the effect of transportation policies on land use development for both the short and long range;
5. Preserve existing highway and transit facilities by improving efficiency and safety;
6. Achieve the operating levels-of-service standards adopted in the Comprehensive Development Master Plan and in the Florida Intrastate Highway System Plan;
7. Plan for maximum utilization of existing transportation capacity, relieve congestion and prevent congestion from occurring where it does not yet occur;
8. Plan and develop a transportation system that preserves the social integrity of urban communities;
9. Plan for a transportation system that gives due consideration to air quality and environmentally sensitive areas, and conserves energy and natural resources and that is consistent with applicable federal, state, and local energy conservation program goals and objectives;
10. Plan for transportation projects that enhance the quality of the environment;
11. Apply aesthetic principles to planning of transportation projects, utilizing a multidisciplinary collaborative team approach which humanizes these projects through the design process, and helps instill a sense of place and community pride;
12. Define a sound funding base utilizing public and private sources that will assure operation and maintenance of existing facilities and services and timely implementation of new projects and services;
13. Provide for and enhance the efficient movement of freight.

**TABLE 3**

**FY 1999 UNIFIED PLANNING WORK PROGRAM**

**Cross Reference of Work Tasks with LRTP 2015 Plan Objectives**

Task #	1	2	3	4	5	6	7	8	9	10	11	12	13
1.01													
1.02													
1.03													
1.04													
1.05													
2.01													
2.02													
2.03													
2.04													
2.05													
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2.11													
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4.11													
4.12													
4.13													
4.14													



# NOTES