

UNIFIED PLANNING WORK PROGRAM FOR TRANSPORTATION 2000

METROPOLITAN PLANNING ORGANIZATION



FOR THE MIAMI URBANIZED AREA

FY 2000

UNIFIED PLANNING

WORK PROGRAM

FOR

TRANSPORTATION

AD⊕PTED
MAY 27, 1999

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**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI
URBANIZED AREA
FY 2000 UNIFIED PLANNING WORK PROGRAM**

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EXECUTIVE SUMMARY

The 2000 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, 1999 and ending on June 30, 2000. 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 2020 Miami-Dade Long Range Transportation Plan. The MPO's Year 2020 Miami-Dade Long Range Transportation Plan was adopted by the Governing Board on December 15, 1998, after considerable official and public review activities were conducted throughout the metropolitan area. The Plan addresses the multimodal transportation system needs for the period 2000-2020.

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 2000 UPWP directly address the objectives defined by the Program Development Committee and approved by the TPC 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 thirty municipalities in the county. Municipal participation is a key element in the development of MPO plans and programs.

Projects in the 2000 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: Transportation Equity Act of the 21st Century (TEA-21) planning factors, the Planning Emphasis Areas, the improvements outlined in the 2020 Long Range Plan, public transportation and ridesharing, Intelligent Transportation Systems (ITS), employer-based measures to promote use of carpooling and public transit, the seven planning areas as required by TEA-21, 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 2000 UPWP

also includes the Municipal Grant Program whereby municipalities participate in relevant transportation planning studies.

New and/or increased funding for FY 2000 has been assigned to projects that either have proven underfunded during previous years or need special efforts during the upcoming year. These are:

- #1.04 Socio-Economic Data (Increased funding)
- #2.01 Short-Range Intermodal Planning (Increased funding)
- #2.09 Transit Reporting (Increased funding)
- #2.10 Tri-Rail Coordination (Increased funding)
- #2.12 Improving Welfare to Work Transportation Planning (New)
- #2.13 Short-Range Truck Traffic Study (New)
- #2.14 Integrated Transportation Management Systems Phase II (New)
- #3.02 Technical Studies Program Support (New)
- #3.06 Coconut Grove Intermodal Transportation (New)
- #4.04 Transportation Improvement Program (Increased funding)
- #4.15 Local Transit Circulator Services Study (New)

Completed studies during the FY 1999 program included:

- Long Range Transportation Plan Update 2020
- Downtown Kendall Charrette
- Ambulatory At-Risk Population Emergency Evacuation Study
- Downtown Miami Transportation Plan
- Intelligent Transportation System Plan Update
- Miami Beach Municipal Mobility Plan
- Hialeah Circulator Services Study

The TPC 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 2000.

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 (13) 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 Chambers. 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,

the Miami-Dade Expressway Authority, 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 Miami-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; 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 TPC 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@co.miami-dade.fl.us.

Please visit our website at www.co.miami-dade.fl.us/mpo/

FY 2000 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	\$124,000	A-1
1.02	Long Range Transportation Plan Update	\$310,000	A-4
1.03	Transportation/Land Use Coordination	\$204,383	A-8
1.04	Socio-Economic Data	\$160,000	A-10
1.05	Southeast Florida Regional Travel Characteristics Study	<u>\$ 10,000</u>	A-12
	(Objective A total)	\$808,383	

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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	\$165,000	B-1
2.02	Short-Range Transit Planning	\$51,000	B-4
2.03	Highway Traffic Counting Program	\$50,000	B-5
2.04	Aesthetics & Urban Design in Trans. Planning and Project Dev. Processes *	\$46,000	B-6
2.05	Conduct Transit Market Research	\$24,000	B-9
2.06	Continuing Technical Support for Transportation Management Associations *	\$60,000	B-11
2.07	Transit Route-Level Monitoring	\$429,000	B-14
2.08	Transit Financial Capacity Assessment	\$21,000	B-15
2.09	Transit Reporting	\$175,000	B-16
2.10	Tri-Rail Coordination	\$210,000	B-17
2.11	Transit Ridership Forecasting	\$22,000	B-19
2.12	Welfare to Work Transportation Planning	\$50,000	B-20
2.13	Short Range Truck Traffic Study	\$35,000	B-23
2.14	Integrated Transportation Management Systems Phase II	\$135,000	B-25
2.15	ITS Plan Monitoring	<u>\$25,000</u>	B-27
	(Objective B total)	\$1,498,000	

* Project carried forward from FY 1999 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	\$ 90,000	C-1
3.02	Technical Studies Program Support	\$230,000	C-4
3.03	Center for Urban Transportation Research Support	\$100,000	C-6
3.04	Comprehensive Bicycle/Pedestrian Planning Programs	\$130,000	C-8
3.05	Improving Regional Transportation Planning	\$25,000	C-11
3.06	Coconut Grove Intermodal Transportation Study	\$83,750	C-14
3.07	Vanpool Marketing *	<u>\$63,000</u>	C-16
	(Objective C total)	\$721,750	

* Project carried forward from FY 1999 UPWP.

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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	\$162,000	D-3
4.03	UPWP Development	\$60,000	D-5
4.04	Transportation Improvement Program	\$300,000	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	\$62,189	D-14
4.08	American with Disabilities Act (ADA) Planning for Compliance	\$ 73,000	D-17
4.09	FTA Civil Rights Requirements	\$39,000	D-19
4.10	Legislative Assessments	\$10,000	D-20
4.11	MPO Program Support Services	\$135,000	D-22
4.12	ADA Required Infrastructure Improvements	\$10,000	D-23
4.13	Municipal Grant Program	\$261,250	D-25
4.14	Public Information Program	\$166,429	D-26
4.15	Local Transit Policy Circulator Services Study	<u>\$85,000</u>	D-28
		\$1,688,868	

OBJECTIVE E: STATE PLANNING PROGRAM

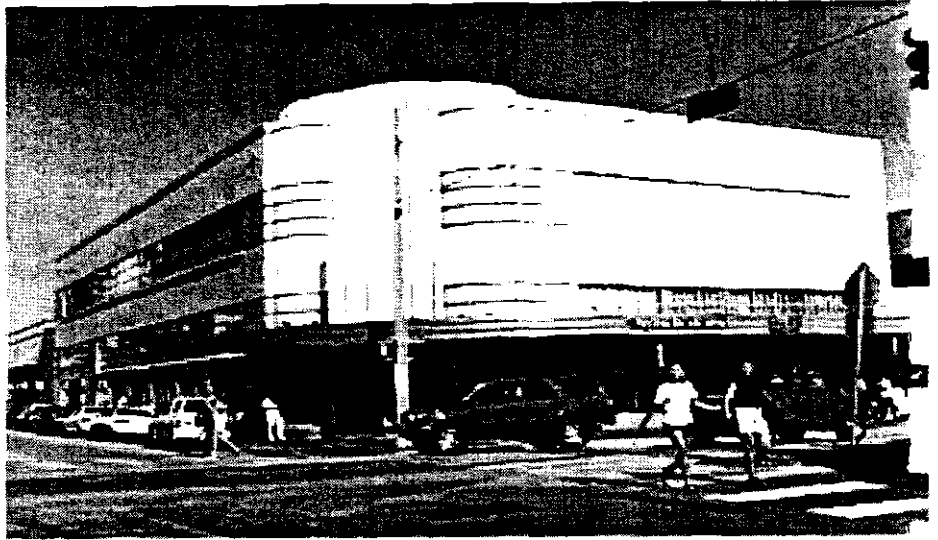
5.01	State Planning Project Summary		E - 1
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TOTAL FY 2000 PROGRAM FUNDING

\$4,717,001



PROJECT DESCRIPTIONS BY OBJECTIVES



OBJECTIVE A

LONG-RANGE
TRANSPORTATION
PLANNING FOR SYSTEM
PRESERVATION DEVELOPMENT
AND ENHANCEMENT

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

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

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

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.
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:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2000	<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:

\$ 64,000	Section 5303	(\$51,200 Federal, \$6,400 State, \$6,400 Local)
<u>\$ 60,000</u>	PL 112	(\$49,158 Federal, \$10,842 Local)
\$124,000		

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

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) was adopted December 15, 1998. The activities listed herein apply 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*. 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 Transportation Equity Act for the 21st Century (TEA-21), the Miami-Dade Transportation Plan, the Florida Transportation Plan (FTP), and the Miami-Dade County CDMP.
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

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Validation from the 2015 Plan had been re-used. For the 2025 Plan Update, *a new 1999 base year will be developed.* (Refer to UPWP Work Element 1.04.)

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.

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 and 2020 Plan Updates *will be reviewed.* Revisions to the criteria should reflect any changes in Federal, State and County policy.
11. **Review 2020 Plan Project Status** - The 2020 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 2020 Plan Project list will be used as a basis to *develop a revised priority listing* of projects for the new 2025 horizon.
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 major update to the Year 2025, the new facilities (including non-highway) required by the forecast increases in travel simulations are

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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 2025).
10. Air Quality Conformity Determination Report.

In addition to the End Products listed, other documents, such as a *Cardinal Distribution technical report and various public involvement brochures* and handouts are developed and distributed as needed, and made a part of the project documentation.

PROJECT MANAGER:

Michael Moore

2000 UNIFIED PLANNING WORK PROGRAM

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

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Miami-Dade Transit Agency
Miami-Dade County Department of Planning and Zoning
Florida Department of Transportation, District VI
Miami-Dade Public Works

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec (Activities in 1999 will consist of preparation and dissemination of adopted 2020 Plan materials, and other activities to prepare for the development of the 2025 Plan Update)

2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Activities in 2000 will consist of preliminary task activities for the 2025 Update (data review, public involvement activities, etc.) Although the deadline for the 2025 Update has not been formally announced, it is anticipated that, following the three-year timeframe for Air Quality Conformity, the completion date will be December 2001).

FUNDING:

\$ 70,000	Section 5303	(\$56,000 Federal, \$7,000 State, \$7,000 Local)
\$ 110,000	PL 112	(\$90,123 Federal, \$19,877 Local)
<u>\$ 130,000</u>	STP FY 00	(\$97,500 Federal, \$16,250 State, \$16,250 Local)
\$ 310,000		

2000 UNIFIED PLANNING WORK PROGRAM

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

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), and the Transportation Equity Act for the 21st Century TEA-21).

2000 UNIFIED PLANNING WORK PROGRAM

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

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 and Zoning
Florida Department of Transportation District VI
Miami-Dade Public Works

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 32,383 Section 5303 (\$25,907 Federal, \$3,238 State, \$3,238 Local)
\$115,000 PL 112 (\$94,220 Federal, \$20,780 Local)
\$ 22,000 Section 5307 (\$22,000 Federal, plus Soft Match)
\$ 35,000 STP FY 00 (\$26,250 Federal, \$4,375 State, \$4,375 Local)
\$204,383

2000 UNIFIED PLANNING WORK PROGRAM

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

TASK NUMBER AND TITLE

1.04 SOCIO-ECONOMIC DATA

OBJECTIVES:

- Develop *1999 Base Year attraction and production standard FSUTMS variables.*
- Develop *1999 Base Year enhanced "Lifestyle" production variables.*
- Develop *projections to interim year 2010 of prime variables* for both FSUTMS and "Lifestyle" datasets.
- Respond to special requests for FDOT and MPO staff or their consultants for data or map products as appropriate.

PREVIOUS WORK:

The FY 1999 UPWP submission anticipated repetition of the FDOT in-kind staff support for dataset development. This was particularly crucial since the 2025 "major" update had additional requirements for this product. Specifically, both the standard production variables and the new enhanced "Lifestyle" trip generation variables are to be produced. Proceeding with only in-house staff, for the most part, the prime standard production variables (population and housing) *were completed for the 1999 Base Year* along with the school enrollment, hotel/motel and group quarters *variables*. Work commenced on development of the 1999 prime attraction variables (employment). Preliminary work proceeded on identifying data sources and methods for estimating the lifestyle production variables.

One essential task was completed. The *Traffic Analysis Zones boundaries* were *reconfigured* to reflect growth patterns since the late 1980s. As in the past, the TAZs are established as geographic subunits of Census Tracts which greatly assists in the utilization of census data. The number of TAZs as a result of this exercise jumped from 1166 to about 1400.

METHODOLOGY:

To complete the FSUTMS standard production variables, the *1995 Base Year will be updated* to 1999 relying on in-house estimates of the prime variables for population and housing, and original data on school enrollment. Updated transient population estimates at a subarea level will be utilized to generate transient housing unit estimates and hotel/motel occupancy. The latter will be supplemented by hotel occupancy data available from the Convention and Visitors Bureau. Vacancy rates will be based on 1990 census data adjusted by more recent information from real estate sources. Development of the main attraction variable, employment, will again rely on processing of the ES-202 file from the State of Florida Department of Labor and Employment Security. This will be

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

supplemented by a variety of other sources plus considerable original empirical work (e.g. limited mail surveys, phone calls to specific businesses). Definitionally, the employment variable is the same as in previous FSUTMS datasets.

Generating the autos available data must again start with the 1990 census as it is the only source other than surveys that provides data at a small area level. However, unlike the 2020 interim update dataset in which the 1990 autos per household were used as they were, in this update more recent auto ownership information will be used to adjust the household rates.

The new *"Lifestyle" trip generation variables will be developed* through reliance on 1990 census ratios as applied to 1999 estimates of the prime production variables (population and housing).

The year 2010 projections will be based on adjustments to the 2005 existing projections. These adjustments will arise from analysis of trends in the prime variables (population, housing, employment, and auto ownership).

END PRODUCTS:

The end product will be dependent on the level of support provided over the period of FY 1999-FY 2000, in particular the availability of FDOT in-kind support.

1. *A 1999 Base Year standard FSUTMS dataset, all variables.*
2. *A 1999 Base Year dataset with enhanced "Lifestyle" production variables.*
3. *Interim year 2010 partial dataset (prime variables only).*

PROJECT MANAGER: C. W. Blowers

PARTICIPATING AGENCIES:

MPO, Miami-Dade Department of Planning and Zoning, FDOT District VI

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>			
2000	<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>Sept</u>

FUNDING:

	(In kind support from FDOT estimated at \$50,000)	
\$ 80,000	PL 112	(\$65,544 Federal , \$14,456L)
\$ 40,000	Section 5303	(\$32,000 Federal, \$4,000 Soft Match, \$4,000 Local)
<u>\$ 40,000</u>	STP FY 00	(\$30,000, Federal, \$5,000 State, \$5,000 Local)
\$160,000		



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

TASK NUMBER AND TITLE:

1.05 SOUTHEAST FLORIDA REGIONAL TRAVEL CHARACTERISTICS STUDY

OBJECTIVE(S):

Collect regional travel behavior data for updating and upgrading current travel forecasting models, developing the next generation of models used for Long Range Transportation Plans for Southeast Florida urban areas, and to support the federally-sponsored Travel Model Improvement Program (TMIP) in the region.

PREVIOUS WORK:

The last major travel behavior study (the Southeast Florida Travel Characteristics Evaluation Study) **was completed in 1987.**

In **January 1998**, the FDOT District 4 Planning Office completed a 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 Tri-County urban area models, including that of the Miami-Dade MPO.

The project provided recommendations addressing current and anticipated future model needs, and the goals and objectives, methodologies, and subjects of the FY 1998/99 and 1999/00 UPWP work element for this regional travel survey project.

The Finalized Scope of Work and budget was developed, approved, and funded by the participating agencies. The Scope included refinement of previously defined methodologies, including **collection of trip generation, trip distribution and mode split data sets** consistent with current regional and urban FSUTMS model needs, as well as anticipating future, TMIP-oriented data requirements. The Southeast Regional Modeling Committee acts as the study advisory committee, and is chaired by District 4.

The project includes five surveys: household travel (the conventional trip production/origin survey), transit on-board, visitor, freight trucking/distribution/commercial services travel, and selected work place sites' employee tripmaking (a new, non-traditional trip production/origin and attraction/destination survey)..

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

The consultant contract provides services for data collection, data cleaning, compilation in databases, and initial analyses of the project. This project is a **multi-year effort**. Work started in **1998 and is expected to be completed by December 1999**.

The Visitors' Survey and the Transit On-Board Survey were completed by April 1999. Ongoing as of April 1999 is the household Survey. Freight and Workplace Surveys data collection field work will be begun in May, 1999. **Project completion is expected last quarter of 1999**.

The **four transit systems have been surveyed** by transit surveyors distributing and collecting survey forms on-board transit vehicles, obtaining data for transit modeling. Randomly selected routes on the MDTA, Broward County Transit (BCT), PalmTran, and TriRail systems were surveyed, with oversampling techniques applied to assure capture of essential information.

METHODOLOGY:

Household data is being collected via a travel diary within the context of a (mail out call in) data retrieval approach, using automated CATI (computer-assisted telephone interviewing) to collect, record, enter into a database with real-time data focusing and error-checking routines. Using the household data as the sampling unit, data is collected to enable validation of standard FSUTMS variables, as well as estimation "lifestyle" trip generation variable values for Miami-Dade, allowing Miami-Dade to conform with Broward, Palm Beach, and SERPM trip generation models. Substratification by urbanized area, and within urbanized areas, will allow for independent estimation of several variable values at regional, county, and county subarea levels, achieving further disaggregation, and improving the model.

Commercial vehicle surveillance activities will sample strata of 500 trucking, distribution, and commercials service firms across the region. The sampling frame was developed from commercially available lists of businesses; firms to be sampled were selected based on SIC codes. Sampling of selected forms was random, and indexed to county population and activity type distributions in the region. Firms will provide an average sample of five vehicles each for commercial travel tracking. Data collection will begin in May 1999.

Workplace-based surveys will seek to provide census' of employee travel in seven Traffic Analysis Zones (TAZ) across the SE Florida Region. This non-random, targeted data collection effort is aimed at acquiring attraction/destination-oriented, peak commute trip and daily worker-oriented workplace-based travel data. Representative TAZ employment zone archetypes, i.e., Central Business District (CBD), Outline Business District (OBD), and suburban 'commercial campus' zones, have been selected for surveillance. Two zones in Broward and Palm Beach Counties, and three TAZs in

2000 UNIFIED PLANNING WORK PROGRAM

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

Miami-Dade County, will be surveyed beginning May, 1999. While the "sampling frame" will be the non-random zones, no samples are intended to be collected. Rather, using "sampling units" of all "employers" or "businesses" or "firms" within the zone, a *census* of both firms and their employees will be sought.

As may be required for contingencies, data collection will continue through mid-1999. Data entry and data rectification will follow; for the largest effort, the household survey, it will be ongoing with data collection. Database development and initial analyses will follow, and documentation will complete the project. Base year/validation year for the region and three urban area MPOs has been set to 1999, which will coincide with the results of this effort, and the data is expected to adequately parallel forthcoming US Census 2000 data.

END PRODUCTS:

Datasets in databases; data summaries, **technical memoranda on survey methods** and results, travel behavior and model-significant statistics, five Final Task Reports; and a **Final Executive Summary**

PROJECT MANAGERS:

Frank Baron (Miami-Dade MPO)
Michael Moore (Miami-Dade MPO)

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

10,000 PL 112 (\$8,193 Federal, \$1,807 Local)
Funding for this task is for the MPO's participation in this contract, which is being managed by FDOT District VI.



OBJECTIVE B

SHORT-RANGE
TRANSPORTATION SYSTEM
PLANNING AND MANAGEMENT

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK AND NUMBER TITLE:

2.01 SHORT-RANGE INTERMODAL PLANNING

OBJECTIVE(S):

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. 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.
3. "*At-Risk Special Needs Population Emergency Evacuation Study*"; technical memoranda.
4. "Specific Area Analysis, Design and Development Planning".

METHODOLOGY:

In keeping with the Transportation Equity Act for the 21st Century (TEA-21), 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* addressing intermodal and multimodal transportation activities:
 - a) Transit: MPO membership in Florida Regional Transit Organization
 - b) Freight: MPO membership on Florida Freight Stakeholders Task Force and on Highway Subcommittee and Aviation Subcommittee.
 - c) Aviation: MPO membership on SE Region Continuing Florida Aviation Systems Planning Process (CFASP) Committee: helped review revise Work Scope for CFASP (the 20-year local and statewide aviation plan); MPO is on steering committees for CFASP and GA Training Studies.
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

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

- ♦ 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.
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. Helped lead discussions at SE Region CFASP meetings which strongly recommended to FDOT Aviation Office and FAA the need for close and continuing coordination of aviation surface access and urban transportation planning activities, but separation of technical aspects of aviation airspace planning from metropolitan surface transportation planning. Continued discussions recommending preservation of land use designations near airports to enable continued growth in airport activity to meet future aviation needs.

END PRODUCTS:

1. 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* and for enhancing *freight movement*.
2. *"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: 1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

FUNDING:

\$ 50,000	Section 5303 (\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$ 110,000	PL 112 (\$90,123 Federal, \$19,877 Local)
<u>\$ 5,000</u>	Section 5307 (\$5,000 Federal, plus Soft Match)
\$165,000	

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.02 SHORT RANGE TRANSIT PLANNING

OBJECTIVE (S):

Provide short range transit planning essential to the provision of transit services and development of transit and transportation plans.

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 1999, hence a minor update is scheduled for 2000. The minor TDP update will be completed by June 2000.

METHODOLOGY:

1. Prepare annual *update of the TDP* for consistency with Miami-Dade County's multi-year transportation plans.
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.
5. Adjust service plans according to service charges.

END PRODUCT:

1. A minor update to the Five-Year TDP will be completed prior to June 2000.

PROJECT MANAGER: Mario G. Garcia

PARTICIPATING AGENCY: Miami-Dade Transit Agency

WORK SCHEDULE:	1999	Jul	Aug	Sep	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	Sep	Oct	Nov	Dec

FUNDING:

\$51,000 Section 5307 (\$51,000 Federal plus Soft Match)



TASK NUMBER AND TITLE:

Carried forward from FY 1999 UPWP

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

OBJECTIVE (S):

Develop a process whereby aesthetic, urban and multi-modal design considerations are effectively integrated into the transportation planning, and project development processes. The process should be developed with input and support of involved parties (including the TARC and transportation agencies). Develop a Manual for agency staff and project consultants to use to accomplish the above objective. The Manual should be directly applicable to the various transportation agencies operating in Miami-Dade County. Further the implementation of federal, state and local policies which address incorporation of community design and values into transportation projects. Assure that multimodal and urban design factors receive consideration in roadway projects in addition to the standard vehicle capacity and safety considerations

PREVIOUS WORK:

MPO approved Professional Services Agreement for the project. Initial negotiation committee meeting with consultant has taken place.

METHODOLOGY:

I. COORDINATION

Establish a Study Advisory Committee (SAC) to include representatives of transportation agencies operating in Miami-Dade County, plus a member of TARC. Note comments of this and MPO committees and board and incorporate as appropriate. This task will result in Technical Report 2: Coordination.

II. BACKGROUND RESEARCH AND CURRENT CONDITIONS

A. Research innovative policy, processes, practices and programs, locally and elsewhere, which successfully address integration of aesthetics, urban and multimodal design into transportation planning and projects.

B. Analyze Local Agency Project Development Process and Practice

1. Assess effectiveness of current local processes and practices in complying with existing or proposed policy and integrating aesthetics, multimodal and urban design. Determine what works well and identify deficiencies, if any.

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

C. Document this Task in Technical Report 1.

III. DEVELOP MANUAL

Develop a Manual for agency staff and project consultants.

A. Utilize results of other tasks to make recommendations, as appropriate and feasible, for modification to existing Transportation Planning, and Agency Project Development Process and Practice which will effectively and efficiently incorporate aesthetics, urban and multimodal design in transportation projects. Feasibility and costs of implementation, shall be addressed.

B. In addition to a revised process, the manual will contain, among other things, guidelines and techniques for their application; and illustrative examples.

C. Preliminary draft Manual will be circulated for comment. Consider comments of reviewers (project managers, SAC) and revise preliminary draft, as appropriate. If necessary, the consultant will also modify the final draft, as per MPO committees.

D. The consultant will provide the MPO with 30 printed copies of the Manual, a copy in electronic format, and the camera-ready original.

END PRODUCTS:

Technical Report 1: Background Research and Current Conditions
Draft Manual
Technical Report 2: Coordination;
Finalized Manual

PROJECT MANAGER:

Susan Schreiber

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation, District VI
Miami-Dade Public Works Department
Miami-Dade Transit Agency
Miami-Dade Aviation Department
Miami-Dade Seaport Department
Miami-Dade Planning and Zoning Department

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 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 FY 99 (\$32,800 Federal, \$4,100 State, \$4,100 Local)
\$46,000	

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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 previous Fiscal Year include *"an evaluation of Passenger Satisfaction with a Low-Floor Bus Design Survey* to determine the work location of full-fare transit pass buyers at the *pass* outlet located at the Civic Center Station. Current projects include a study of Commission 10 District Transportation Study. Attitudes and concerns of existing Metromover Riders and Metromover Ridership potential among workers in the Brickell and Downtown Areas.

METHODOLOGY:

1. Systematic *surveys where MDTA passengers are surveyed.* Key objectives are to determine passenger satisfaction with service, identify key problems, determine opportunities for improved performance and service, and determine the impact of municipal transit services on the MDTA system. The major projects for FY 00 include new or additional transit service such as that which may be implemented to attract new transit riders 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. A tracking study will be conducted during the Fiscal Year. 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 00, research projects will concentrate on South Dade Busway riders and potential riders in planning for Phase II of the Busway. Other projects to be carried out are studies of growing areas of the County such as Northwest-Miami-Dade, which have little or no public transit service, to improve the bus service in the area using existing resources. 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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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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 and Mobility Planning 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:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$24,000 Section 5307 (\$24,000 Federal, plus Soft Match)

TASK NUMBER AND TITLE:

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

OBJECTIVE:

Evaluate the feasibility of implementing transit shuttle services in the Downtown and Airport West areas. The downtown area consider the implementation of a shuttle service in the Brickell Village, along Flagler Street and Overtown. This shuttle will maximize mobility opportunities and will provide convenient service to residents and employees to and from residential, shopping, employment, and other destination points of primary interest. Similarly, the proposed shuttle within the boundaries of the Airport West area will help to minimize traffic congestion that occurs during week days in this highly concentrated employment area.

PREVIOUS WORK:

1. Bicycle and Pedestrian Study for the Miami Beach Transportation Management Association (MBTMA).
2. Pedestrian Amenities and Safety Study for the Civic Center Transportation Management Organization (CCTMO).
3. Trailblazing Signage Study for the MBTMA
4. Commuter Characteristics Study for the CCTMO
5. MBTMA/CCTMO Model Private Employer Study. his study was canceled. The remaining funds were used for developing a Shuttle Study for Downtown and the Airport West Areas.

METHODOLOGY:

TASK 1. Describe Areas of Service

Service areas will be described, including their socio-economic characteristics and travel conditions. An ***inventory of transportation services*** shall be conducted, including roadways, and public and private transit services. In this task, interviews will be conducted with key stakeholders such as major employers and other interested parties to help determine the need for the services being considered and to collect valuable input on what the recommended services should accomplish.

TASK 2. Service Plan Development

Recommendations will be prepared for ***route structure and service characteristics*** based on findings in Task 1 and on experience in maximizing the efficiency and effectiveness of transit services in other communities. This will include recommendations on frequency and span of service, origins and destinations, proposed bus stops, marketing, passenger amenities, personal security, and how the planned services connect with other transit providers in the area. These recommendations will take into

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

account any plans that have been conceptually developed through any prior planning efforts in these areas. Potential ridership, though impossible to predict, will be discussed based on the types of service to be provided, input received from stakeholders, and other local experiences with shuttle services. The availability of infrastructure to support the operation of vehicles (particularly alternative fuel vehicles) will be reviewed to determine the feasibility of various options among vehicle types.

TASK 3. *Review Vehicle Technology and Recommend Vehicle Choice*

The type of vehicle placed in service will have an effect on the ultimate success of the shuttle service. If possible, the vehicles should be imaginative and attractive to passengers. Alternative-fueled vehicles could add to the public's acceptance of new transit service and make the purchase of such vehicles eligible for additional federal funding or state grants. Smaller, "friendlier" vehicles could add to the attraction of the shuttle services. These possibilities must be balanced against vehicle performance requirements for reliability, potential passenger loads, and the ability to fuel and service such vehicles. The final report will describe the *pros and cons of various vehicles* and offer recommendations for the TMIs' final choices.

TASK 4. *Financing Options*

The options of *leasing vehicles versus purchasing vehicles* for these services will be evaluated. Additionally, the financial impact of each choice and the pros and cons for each option will be described. An analysis of operating expenses and projection of costs to be incurred on an annual basis will be offered. The issue of fares (including the need to coordinate any fares with the County's transit fares) will be examined. Finally, other means to generate operating revenues for these services will be recommended in the final report.

TASK 5. *Assistance with Grant Applications*

Provide assistance to the TMIs in identifying sources of state and federal funding to help pay for the capital and operating costs associated with these transit services. This may include Congestion Mitigation Air Quality funds from the federal government, Service Development funds from the Florida Department of Transportation, or other sources that may be available through new federal, state, or regional programs.

END PRODUCTS:

1. Final report incorporating the results of the above mentioned work for both areas (Downtown and Airport West).
2. Brochure (representing an executive summary report that can be easily reproduced and distributed) summarizing the highlights of the report and recommendations.
3. Brief audio-visual presentation for future TMIs' presentation.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

PROJECT MANAGER:

Jesús Guerra

PARTICIPATING AGENCIES:

Metropolitan Planning Organization (MPO)
Florida Department of Transportation (FDOT) - District 6
Miami-Dade Transit Agency (MDTA)
Downtown Miami Transportation Management Initiatives (DMTMI)
Airport West Transportation Management Initiatives (AWTMI)
Civic Center Transportation Management Organization (CCTMO)

WORK SCHEDULE:

1999 Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep

FUNDING:

\$60,000 Section 5303 (\$48,000 Federal, \$6,000 State, \$6,000 Local)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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 MANAGERS: Mario G. Garcia
 David R. Fialkoff

PARTICIPATING AGENCY: Miami-Dade Transit Agency

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$429,000 Section 5307 (\$429,000 Federal plus Soft Match)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.08 TRANSIT FINANCIAL CAPACITY ASSESSMENT

OBJECTIVE(S):

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 1997 National Transit Database reports and the 1999 transit element of the TIP.

METHODOLOGY:

1. *Calibrate* financial capacity models against 1998 conditions based on National Transit Database.
2. *Update* the models to reflect change in funding sources and the 2000 TIP.

END PRODUCTS:

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

PROJECT MANAGER:

Alberto Parjus

PARTICIPATING AGENCY:

Miami-Dade Transit Agency

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$21,000 Section 5307 (\$21,000 plus Soft Match)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.09 TRANSIT REPORTING

OBJECTIVE(S):

Provide transit related information on the performance of the agency 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: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$175,000 Section 5307 (\$175,000 Federal plus Soft Match)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.10 TRI-RAIL COORDINATION

OBJECTIVE(S):

Attend MPO technical advisory committees and MPO meetings in Miami-Dade, Broward, and Palm Beach Counties. Tri-Rail will *provide* all three (3) 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 ensure 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's planning projects include the following:

- 1) *General Development and Comprehensive Planning*;
- 2) *Program Support and Administration*;
- 3) *Transportation Improvement Program*;

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

- 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 five-year Capital Plan;**
- **DBE Program;**
- **Title VI Program;**
- **National Transit Database Report;**
- **Equal Employment Opportunity (EEO) Program;**
- **Grant Quarterly Reports;**
- **Joint Use Development** potential at stations;
- **Station Plan Guidelines;** and
- **Phasing and scheduling document.**

PROJECT MANAGER: Lorraine Kelly

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: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$210,000 Section 5307 (\$210,000 Federal plus Soft Match)

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

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.11 TRANSIT RIDERSHIP REVENUE FORECASTING

OBJECTIVE(S):

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: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$22,000 Section 5307 (\$22,000 Federal plus Soft Match)

TASK NUMBER AND TITLE:

2.12 IMPROVING WELFARE-TO-WORK TRANSPORTATION PLANNING

OBJECTIVE(S):

To *explore innovative, nontraditional approaches to providing transportation services to Work and Gain Economic Self-Sufficiency (WAGES) participants* by applying Geographic Information System (GIS) data handling approaches to Welfare-to-Work transportation planning and/or service delivery.

PREVIOUS WORK:

1. Center for Urban Transportation Research, University of South Florida, Tampa, Florida

Access to Jobs: "An assessment of the Role of Transportation in the Florida WAGES) Program." This research project assessed how the state and local WAGES coalitions were integrating and coordinating transportation into their local planning and implementation efforts.

2. Florida International University (FIU), Miami, Florida

Transportation Issues and Opportunities in Miami-Dade County. This study was prepared for the MPO and specifically investigated transportation aspects of Welfare to Work. The FIU study provided information about five communities that were chosen as study areas because of their high concentration of WAGES clients within the county.

METHODOLOGY:

1. Perform a *literature review* of how *GIS applications* have assisted other communities in designing transportation services appropriate for the needs of Temporary Assistance for Needy Families (TANF) recipients who wish to access new job. a) How other areas have *analyzed available data and relationships* between the data to see how might be improved for TANF recipients; b) if and how GIS applications have assisted other communities in designing transportation service.
2. *Compile databases* and list pertinent information required, such as transit routes, jitney routes, transit schedules, as well as spatial distribution patterns of demographics, WAGES clients addresses, existing jobs, support facilities (e.g., social serviced agency sites), etc. Supplement databases with information pertaining to likely areas where new jobs are being created, and other related information.
3. *Develop data structure(s)*
4. *Compile inventories* of relevant data
5. *Create the database(s)*
6. *Perform analysis* (identify how information can be used)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

7. **Create mechanisms to maintain and sustain GIS system** (update information), including costing expansions which may be contemplated (i.e., networking remote locations to provide better client service at decentralized sites, etc.), and training and administration of the system.
8. **Planning for future years' funding** by FTA for innovative transportation projects for WAGES participants:
The initial round of funding from the Federal Transit Administration (FTA) Reverse Commute Job Access projects has been released. The Miami Urbanized Area is applying for more than \$1 million for seven (7) projects. Six out seven of these projects are transit-oriented, primarily because the FTA encourages the submission of projects that can be implemented quickly.
 - a. **Research and review "best practices" provided in FIU report** and others not identified in report that focuses on more customized methods and approaches to providing transportation for WAGES participants such as expansion of jitney routes, car and van pools, Paratransit usage, "charity" cars, etc.
 - b. **Identify funding sources** to support transportation needs of WAGES participants

END PRODUCTS:

1. A **GIS system** for the WAGES program, with system administration, staffing and continuing education for the duration of the program.
2. **Databases** that will provide GIS or related technology programming for travel patterns of WAGES participants county-wide/region-wide, including but not limited to, assessing where clients live, transportation to and from work, transportation to and from child care and health care services, etc.
3. GIS generated **graphics and maps** of transportation services for WAGES participants.
4. **Analysis of data, identifying transportation needs** of WAGES participants.
5. **Draft recommendation report** for implementation of innovative and ambitious approaches to transportation for WAGES participants that is best for Miami-Dade County based upon the detailed information generated from GIS analysis.
6. **Proposals for pilot programs** using innovative transportation approaches, based on study results.

PROJECT MANAGER:

Clinton Forbes

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

PARTICIPATING AGENCIES:

Metropolitan Planning Organization (MPO)
Miami-Dade and Monroe Counties WAGES Coalition
Florida International University (FIU)
Miami-Dade Transit Agency (MDTA)
Florida Department of Transportation (FDOT), District VI

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 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)
\$30,000 STP FY 00 (\$22,500 Federal, \$3,750, State \$3,750, \$3,750 Local)
\$50,000

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.13 SHORT RANGE TRUCK TRAFFIC STUDY FOR THE AIRPORT WEST TRANSPORTATION MANAGEMENT INITIATIVE (AWTMI)

OBJECTIVE:

To *develop a set of standards and an implementation plan* to better accommodate truck traffic and commercial truckers needs in the Airport West area.

PREVIOUS WORK:

In 1996, the MPO conducted a *Freight Movement Study for Miami-Dade County*. This study was a countywide effort and mainly focused in forecasting of truck traffic and identifying most used corridors by trucks. The Airport West Transportation Management Initiative (AWTMI) is characterized by a large number of trucking companies that provide services to the Miami International Airport (MIA). As a result, this area experiences a high percentage of heavy truck traffic throughout the day. The turning radii at the intersections, length and width of turning lanes and private driveways are among the factors that increase the potential of traffic accidents and congestion within the area. The previous study was a countywide effort, while the proposed study is more oriented to find solutions to local problems.

METHODOLOGY:

1. **Study Coordination**

A *steering committee will be established* including representation from the Metropolitan Planning Organization (MPO), the Florida Department of Transportation (FDOT), the Miami-Dade County Public Works Department, the AWTMI, and businesses within the area. This task includes presentations to the different MPO committees, as well as to the AWTMI.

2. **Data Collection**

This task includes *reviewing aerial and/or as built plans* to evaluate turning radii and length of turning lanes, primarily along the major arterial highways and roadways in the Airport West area. This task also includes sampling surveys of truck drivers and businesses to identify routes, service hours, type of goods transported within the area, truck specifications, and additional deficiencies in the area. Finally, this task includes compiling current design standards for intersections, driveways and traffic signal indications used by Miami-Dade County and other municipal jurisdictions.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

3. Data Analysis

In this task, *data will be analyzed for determining the truck traffic movement* and problems in the area. Recommendations from truckers and businesses will be evaluated for identifying potential solutions for implementation.

4. Development of Design Standards

A revision and an evaluation will be made to *develop a new set of design standards* for intersections, private driveway entrances and traffic signals to accommodate truck traffic in the Airport West area. These standards could be established as a demonstration project for further evaluation. Additionally, this task includes evaluation of far left and near right traffic signal indications. The development of these design standards will be coordinated with FDOT, MDCPWD and the AWTMI.

5. Development of Implementation Plan

Based on the survey of existing conditions and the development of design standards for the Airport West area, *a list of projects will be developed*. The projects should be prioritized in coordination with the FDOT, the MDCPWD and the AWTMI. This task includes the development of preliminary cost estimates for the various projects and funding or financing options.

END PRODUCTS:

1. *Task based technical memoranda* will be prepared and submitted to the MPO, for review and comments of the steering committee.
2. Twenty-five copies of the *Final Report* (full color).
3. 100 copies of the *Executive Final Report* (full color and no more than 8 pages).
4. Final Report and Executive Summary will be also submitted in electronic format (diskette or CD) for further reproduction and distribution.

PROJECT MANAGER: Frank Baron

PARTICIPATING AGENCIES:

MPO, FDOT, Public Works, AWTMI

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
2000 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)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

**2.14 INTEGRATED TRANSPORTATION MANAGEMENT SYSTEMS
(ITMS) SECOND PHASE**

OBJECTIVE(S):

The objective of the second phase of the ITMS is to *maintain and upgrade the current program* by developing some applications to facilitate the handling and presentation of data, and including new tool for the preparation of the Transportation Improvement Program (TIP).

PREVIOUS WORK:

The first phase of the ITMS program included the following management systems: congestion (CMS), intermodal (IMS), pavement (PMS), public transit (PTMS), safety (SMS) and traffic (TMS/H). The program was based on existing data available at the different county and state departments. In order not to change the methods for collecting data, ITMS also included software programs to convert and transfer these data sets into an ITMS standard format. The data used by ITMS is being constantly updated by the different departments. Therefore there is a need to establish a process to obtain and incorporate this data into ITMS.

Additionally, as a result of the development of the ITMS program, other areas are recommended for implementation that are included in this task.

METHODOLOGY:

I. Development of an Internal Agency Program for Annual Updates

1. Review the data used by ITMS and prepare an internal program that includes the development of a process for:
 - a. Coordinating the delivery of the new or updated data, including a time schedule, format and contact persons for this application
 - b. Developing an application for annual updates of the data, as appropriate
 - c. Monitoring the need for updated data
2. Update ITMS using the new application with the updated data.

II. Development of an Automated Maintenance of Historical Data

Develop an application to keep record of the historical data and generate new maps and reports as appropriate.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

III. Development of Internet Applications

Develop a set of applications for transferring maps and reports from ITMS to the MPO Website.

IV. Development of a Process for Integrating FDOT Transportation Modeling, a 3-D presentation tool and other GIS Application to ITMS

Develop an application for incorporating the results of the FDOT transportation modeling program into ITMS for future projections. Other GIS applications should also be evaluated for incorporation into ITMS in this task.

V. Development of a Transportation Improvement Program (TIP) Application

Develop a TIP application for incorporating the TIP into ITMS. This application shall reflect the process used for preparing the TIP including:

1. Project Identification
2. Project Evaluation
3. Project Prioritization
4. Project Funding

VI. Prepare Software Documentation and Training

Prepare all required materials to provide extensive training to the potential system users. This includes manuals, flowcharts, visual presentations and software documentation among other things.

VII. Recommendations: Recommend actions for improving ITMS.

END PRODUCTS:

1. ITMS Documentation Manual
2. ITMS Training Manual
3. Final Report

PARTICIPATING AGENCIES: Metropolitan Planning Organization, Miami-Dade Transit Agency, Public Works and Florida Department of Transportation, District VI

WORK SCHEDULE:

1999	Jul	Aug	Sep	Oct	Nov	Dec						
2000	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

FUNDING:

\$ 15,000	Section 5303	(\$12,000 Federal, \$1,500 State, \$1,500 Local)
<u>\$120,000</u>	STP FY00	(\$90,000 Federal, \$15,000 State, \$15,000 Local)
\$135,000		

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.15 ITS PLAN MONITORING

OBJECTIVE(S):

Ensure *coordination and integration of Intelligent Transportation Systems (ITS) project planning with the area's overall transportation planning process*; ensure local and regional coordination and integration of ITS deployments within the Southeast Florida area, seek and sustain overall support for ITS, particularly by facilitating partnerships with the private sector; advance effort to bring ITS in consistency with the National Intelligent Transportation Systems (ITS) Architecture and Standards.

PREVIOUS WORK:

This is a continuing activity within Dade County's transportation planning activities. Previous involvement as follows:

- Adopted a revised *Intelligent Transportation (ITS) Plan Update*.
- Introduced and *incorporated ITS activities within the transportation planning process* (long-range transportation plan and transportation improvement program).
- Facilitated coordination and *support for regional "transportation traveler information services"* for Broward, Palm Beach and Miami-Dade counties (an effort to bridge the communication gap between all sources of information to deliver a seamless, uniform, multi-modal, real-time information in a cost-effective manner to the three counties).
- Facilitated coordination and *support for the Miami-Dade County Advanced Traffic Signal System* (new traffic control center and smart traffic controllers for Miami-Dade County).
- Provided a forum for *coordination and support of Electronic Toll Collection systems* as follows: locally at the Rickenbacker Causeway; and, regionally along the Turnpike line in the tri-county area of Broward, Miami-Dade and Palm Beach counties (SunPass).

METHODOLOGY:

1. *Steer and coordinate the Miami-Dade ITS Standing Committee*. Provide staff support, identify critical ITS planning efforts and ensure proper resolution of local and regional ITS planning issues.
2. Organize meetings, facilitate discussion and participation, gather support and commitments from ITS Standing Committee membership.
3. *Coordinate ITS planning issues* with ITS funding issues in the Transportation Improvement Program (TIP) to ensure timely deployment.

END PRODUCTS:

1. ITS Standing Committee *agendas and back-up material*.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

2. Meetings and correspondence with local and regional transportation agencies participating in ITS deployment, as necessary to maintain effective coordination and multi-agency support in advancing ITS deployment.

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Metropolitan Planning Organization for the Miami Urbanized Area
Broward County Metropolitan Planning Organization
Palm Beach County Metropolitan Planning Organization
Miami-Dade Expressway Authority
Florida Department of Transportation - District Six
Florida Department of Transportation - District Four
Florida's Turnpike
Tri-County Commuter Rail
Miami-Dade Transit Agency (MDTA)
Broward County Transit (BCT)
Palm Beach Transit (PalmTrans)
Miami-Dade Public Works
Miami-Dade Seaport Department
Miami-Dade Aviation Department
Miami-Dade Department of Environmental Resources Management (DERM)
Miami-Dade Information Technology Department (ITD)
Florida Highway Administration (FHWA) - Florida Division
Florida International University (FIU)
University of Miami (UM)
Miami-Dade County League of Cities

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$25,000 PL 112 (\$20,483 Federal, \$4,517 Local)



OBJECTIVE C

INTERMODAL
TRANSPORTATION
PLANNING

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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 (NOx) 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 2020 Long Range Transportation Plan* was completed by December 1998 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.) and the Transportation Equity Act for the 21st Century (TEA-21). 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:

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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 2020 LRP.
4. *Conformity Determination Report* for FY 2001 - 2005 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:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 30,000	STP FY 00	(\$22,500 Federal, \$3,750 State, \$3,750 Local)
<u>\$ 60,000</u>	PL112	(\$49,158 Federal, \$10,842 Local)
\$ 90,000		

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.02 TECHNICAL STUDIES PROGRAM SUPPORT

OBJECTIVE:

Provide professional planning services, as needed, to supplement the MPO Secretariat's efforts in conducting the transportation planning process for the Miami Urbanized Area.

PREVIOUS WORK:

The Florida Department of Transportation (FDOT) District 4 and 6, and other Florida MPOs have been successfully conducting these types of contracts. These are used as a mechanism to assist staff in conducting transportation planning activities.

METHODOLOGY:

The MPO Secretariat will establish open contracts with consulting firms to assist staff in conducting transportation planning related activities. An open bid process will be followed for contracting the firms. One or more firms will be hired to provide these services on an as-needed basis.

I. Type of Services

Any one or more of the following activities will be required:

1. ***Data collection*** regarding traffic and transit information, such as: traffic counts, accident records, surveys, passenger counts, vehicle delays, etc...
2. ***Update and analyze existing transportation data*** to determine transportation needs including, but not limited to travel demand and air quality modeling, level of services (LOS) and future travel projections.
3. ***Preparation of maps, presentations and reports*** using state-of-the-art techniques, including but not be limited to GIS, 3-D effects and any other visual tools available in the market.
4. ***Any other miscellaneous activities*** that may be needed to support the MPO Secretariat's Transportation Planning Process.

II. Process

This general professional planning services contract will be awarded to one or more consultants as determined by the MPO Director. For each task, a written work order will be prepared and negotiated by the MPO's project manager and the consultants' project manager. As appropriate, the consultant or each consulting firm will submit a proposal based on man-hours and costs necessary to perform the work as required by the MPO. This cost is in accordance with the hourly rates and unit prices established in the General Planning Consultant Contract Services. Additionally, the proposal must include a time schedule for completing the requested work.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Details of the consultant's specific responsibilities, the work to be done and products to be delivered will be defined in the work orders. No work will be conducted unless the written approval of the MPO Secretariat's Director is provided. A notice to proceed letter authorizing the work order will be issued to the consultant to start the work.

The consultant will submit monthly invoices as appropriate. A written progress report should accompany these invoices for payment.

END PRODUCTS:

All end products will be delivered as requested in each Work Order. An unbound color original will be submitted for each deliverable, together with a CD or a diskette, for further reproduction and updates.

PROJECT MANAGER:

Jesús Guerra

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation (FDOT) District VI
Other agencies and entities as appropriate.

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$160,000	PL112	(\$131,088 Federal, \$28,912 Local)
<u>\$ 70,000</u>	STP FY 98	(\$56,000 Federal, \$7,000 State, \$7,000 Local)
\$230,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.03 CENTER FOR URBAN TRANSPORTATION RESEARCH SUPPORT

OBJECTIVE(S):

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. *Recommendations for establishing a "Group Supervisor" program at MDTA*. This report will provide the best practices used by the handful of transit agencies that have made the effort to establish more personal relationships between bus operators and system supervisors.
2. *Identifying opportunities for establishing priorities for bus service on existing routes*. This might include identifying opportunities for signal pre-emption and/or que-jumping on routes with high ridership and difficult-to-maintain schedules.
3. *Analysis of bus accidents* data to determine trends and causes of accidents, establishing a tracking system for all future accidents, and developing recommendations for future training to help avoid the most common accidents.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

4. Reporting on innovative transit service techniques in areas of relatively low density that are more flexible, attractive, and cost effective than regular fixed route service.

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: 1999 Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$100,000 Section 5307 (\$100,000 Federal plus Soft Match)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.04 COMPREHENSIVE BICYCLE/PEDESTRIAN PLANNING PROGRAMS

OBJECTIVE(S):

Increase the use of non-motorized ground transportation by 1) implementing 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*

Coordination with the University of North Carolina and the National Highway Traffic Safety Administration to identify high-incident pedestrian crash zones; categorization of classes, such as ethnicity, age & other variables; crash typing; and, determination of strategies to reduce such occurrences.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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*, 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 plans and projects with Miami-Dade County's Planning & Zoning and Public Works Depts., 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: Updates and reports regarding findings from pedestrian crash analyses, including strategy proposals to reduce future incidences.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Comprehensive Programs:

Administration: Staff support for the Bicycle/Pedestrian Advisory Committee.

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
Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 20,000	PL 112	(\$16,386 Federal, \$3,614 Local)
\$ 90,000	STP FY 99	(\$72,000 Federal, \$9,000 State, \$9,000 Local)
<u>\$ 20,000</u>	STP FY 00	(\$16,000 Federal, \$2,000 State, \$2,000 Local)
\$130,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.05 IMPROVING REGIONAL TRANSPORTATION PLANNING

OBJECTIVE(S):

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 *Regional Transit Organization (RTO)*, 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.
- e Conduct charrette as appropriate.

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

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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 2000. 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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

PROJECT MANAGERS:

Ping Chang
Terrence Taylor

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.06 COCONUT GROVE INTERMODAL TRANSPORTATION STUDY

OBJECTIVES:

1. *Study and propose an intermodal solution to the traffic and access issues faced in Coconut Grove* as a continuation of work funded under a previous UPWP Element.
2. *Study and propose enhancements to improve Grand Avenue's function in the West Grove neighborhood*, and explore its potential future role in intermodal transportation solutions.

PREVIOUS WORK:

The MPO funded the Coconut Grove Transportation Planning Study in the 1996-97 funding cycle. The result of that study has provided the City of Miami with numerous recommendations for more efficient management of traffic and transportation in the Coconut Grove neighborhood.

METHODOLOGY:

The City of Miami will engage consultants to assist City staff in evaluation of various routes and configurations for the vintage trolley line(s), and to perform the necessary traffic studies and design proposals for Grand Avenue in the West Grove. The consultant(s) will examine the questions of route acquisition, costs, potential ridership, feasibility of private ownership and/or operation, and similar questions related to vintage trolley development, and will provide detailed recommendations for improvements of Grand Avenue, including its potential as the location for future extensions of the vintage trolley lines.

END PRODUCTS:

A report and set of recommendations, including implementation plans and estimated costs.

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

Miami-Dade County Metropolitan Planning Organization
Florida Department of Transportation
City of Miami

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

WORK SCHEDULE:

1998	<u>Oct Nov Dec</u>
1999	<u>Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec</u>
2000	<u>Jan Feb Mar Apr May Jun Jul Aug</u>

FUNDING:

\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
\$30,000	STP FY 00	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$35,000	STP FY 99	(\$26,250 Federal, \$4,375 State, \$4,375 Local)
<u>\$ 8,750</u>	Municipal	(\$8,750 City Match)
\$83,750		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

Carried over from FY 1999 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 for the success of the project and to support the MPO staff assigned to manage the project during the 3-year length of the project.

PREVIOUS WORK:

The *Vanpool Demonstration Project started on January 1998. A Marketing Plan was developed* according to the needs of the program. Efforts have been done to implement some of the actions included in the plan. These include:

5. Development, design and printing of 1,000 jackets for the vanpool inserts. This jacket was designed specifically for the South Florida Vanpool Program (SFVP).
6. Development, design and printing of 1,000 inserts with information regarding the SFVP. These include separate inserts for: Vanpool Program Cost, Employers, Individuals, An Innovative and Convenient Commuter Alternative, Vanpool Drivers, Emergency Ride Home Program and South Florida Commuter Partnership.
7. Development, design and printing of 20 sets of exterior decals for the vans.

METHODOLOGY:

1. Analysis of the Project

Continuous *evaluation of the marketing needs and technical support* will be conducted in this task.

2. Determination of Needs

Based on findings made on Task 1 and the proposed actions in the Marketing Plan, innovative ideas, concepts and materials will be developed to promote the South Florida Vanpool Program.

3. Preparation of an Implementation Plan

This task will continue with the *preparation of brochures, advertising* for radio and newspaper, *meetings with employers, interview users* and any other printed material to encourage the participation of the employers and individuals in the program.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

4. Administrative Support

The MPO will continue having 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.

WORK SCHEDULE:

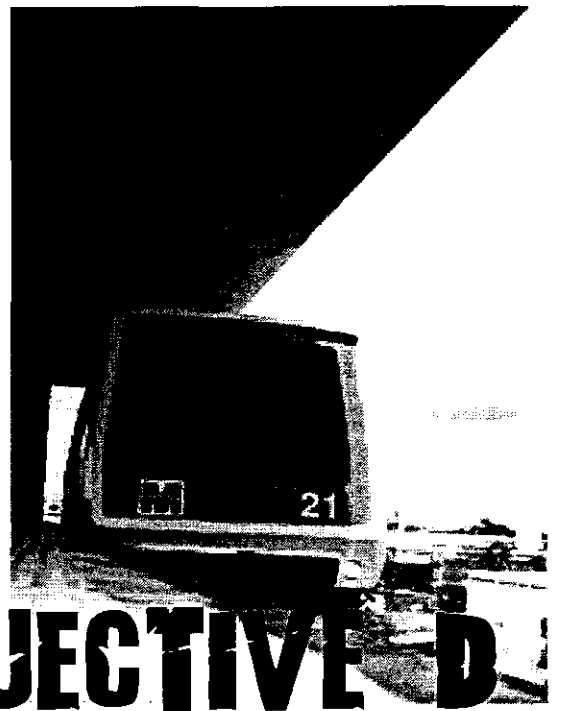
1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug

PROJECT MANAGER:

Jesús Guerra

FUNDING:

\$23,000	Section 5303	(\$18,400 Federal, \$2,300 State, \$2,300 Local)
<u>\$40,000</u>	STP FY 97	(\$32,000 Federal \$4,000 State, \$4,000 Local)
\$63,000		



OBJECTIVE D

TRANSPORTATION
PLANNING DECISION MAKING
AND FUNDING

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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 accordingly..
 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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

- 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 2000 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 AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
2000 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>\$50,000</u>	PL112	(\$40,965 Federal, \$9,035 Local)
\$70,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

4. Work with SFRPC on issues pertaining to transportation requirements of the State Growth Management Legislation and other related regional issues.
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.

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: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 32,000	Section 5303	(\$25,600 Federal, \$3,200 State, \$3,200 Local)
\$ 80,000	PL112	(\$65,544 Federal, \$14,456 Local)
<u>\$ 50,000</u>	Section 5307	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$162,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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 2001 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 00 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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

END PRODUCTS:

1. *Update of the issue list and program objectives* to be considered in preparing the FY 2001 UPWP
2. Review Draft of the FY 2001 UPWP
3. *Final MPO Adoption of the FY 2001 UPWP*

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2000	<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:

\$60,000 PL112 (\$49,158 Federal, \$10,842 Local)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.04 TRANSPORTATION IMPROVEMENT PROGRAM

OBJECTIVE:

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 statutes.

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 TEA-21-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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

- 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 Expressway Authority (MDX)

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)
\$ 64,000	PL112	(\$52,435 Federal, \$11,565 Local)
<u>\$181,000</u>	Section 5307	(\$144,800 Federal, \$18,100 State, \$18,100 Local)
\$300,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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.*

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

1. With Chairperson and staff, identify transportation projects with potential visual and aesthetic impacts for inclusion in agendas
 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 AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 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>\$100,000</u>	PL112	(\$81,930 Federal, \$18,070 Local)
\$155,000		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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 and documentation, as appropriate.

PROJECT MANAGER:

Henry F. Sori

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 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		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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 Medicaid Metropass Program instituted in May, 1993 has generated a savings to Medicaid in excess of \$22 million. There are currently 5300 Medicaid eligible clients in this program saving Medicaid more than half a million dollars a month, and generating more than \$200,000, a month in new revenue for the Miami-Dade Transit Agency.

The Department of Health and Human Services, and the Federal Transit Administration have joined together to promote this program nationally. A federally funded and published booklet describing this program was created, and will be available during FY 98/99.

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 and/or the WAGES Coalition for Miami-Dade and Monroe Counties as participating WAGES training and/or educational centers. This program has generated more than \$660,000 in new revenue for transit, and received National Association of Counties Achievement Award.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

Implemented the first Miami-Dade County/Monroe County Metrobus route. This route is designed to transport the WAGES workforce from South Dade County to the work sites in Monroe County.

Extended two existing Metrobus routes into industrial parks containing employment centers dedicated to hiring WAGES clients.

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.
- c. Continue to **encourage Section 5310 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.
- j. Review and apply for all Department of Labor, and Department of Transportation Access to Jobs, Reverse Commute grants.

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."**

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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

FUNDING:

\$62,189 Transportation Disadvantaged (100% State Funds)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.08 AMERICANS WITH DISABILITIES ACT (ADA) PLANNING FOR COMPLIANCE

OBJECTIVE(S):

With the goal of achieving prompt and effective compliance with law and the provision of all MDTA services in the "most integrated setting appropriate.

- a. Identify and prioritize remaining issues regarding facilities and service provision which impact the ability of people with disabilities to utilize MDTA services and agency compliance with the ADA ad state programs for the "transportation disadvantaged."
- b. Develop plans, with timetables and budget, for completion of outstanding accessibility issues.
- c. Identify "best practices" to provide more efficient and integrated accessible service for people with disabilities.
- d. Working with organizations and agencies that seek to integrate people with disabilities into the mainstream and promote independent living, ensure and promote input in planning MDTA services.

PREVIOUS WORK:

- a. Identified compliance issues regarding compliance at identified "key stations" on Metrorail and Metromover.
- b. Developed deployment plans for newly acquired accessible vehicles in fixed route service.
- c. Provided technical support for organizations and agencies dealing with transportation issues, including the Miami-Dade Commission on Disability Issues (COD) and the Local Coordinating Board (LCB) of the State Transportation Disadvantaged program.

METHODOLOGY:

- a. Review of all MDTA policies, programs and facilities to ascertain current status of compliance.
- b. Working with disability communities, identify priorities for corrective action, as needed, and enhancements to MDTA's family of accessible services.
- c. Identify nodes of paratransit demand and make adjustments and enhancements as appropriate to fixed route services to foster use by people with disabilities.
- d. Provide continued technical support to organizations and agencies such as CODI and LCB.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

END PRODUCTS:

- a. Benchmark Accessibility Audit of all MDTA programs, services and facilities.
- b. Implementation plan for full accessibility, with timetable and budget.
- c. Full compliance with voluntary compliance agreement entered into by MDTA and the Federal Transit Administration regarding accessibility of Metrorail and Metromover "key stations".
- d. Transition individuals with disabilities capable of utilizing fixed route service from more expansion paratransit service of Metrobus, Metrorail and Metromover.

PROJECT MANAGER: Mario G. Garcia

PARTICIPATING AGENCY: Miami-Dade Transit Agency

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING: \$73,000 Section 5307 (\$73,000 Federal plus Soft Match)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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* will be submitted in *August 1999*. During this fiscal year, a minor submission is required. This will require updating all tables noting all changes that have occurred since the last submission in FY 99.

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. Minor update of the *Minority Accessibility/Title VI Report*.

PROJECT MANAGERS: Mario G. Garcia

PARTICIPATING AGENCY:

Miami-Dade Transit Agency

WORK SCHEDULE: 1999 .. Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$39,000 Section 5307 (\$39,000 Federal plus Local Match)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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 Transportation Equity Act for the 21st Century (TEA-21) and Florida Statutes.
2. Understand and internally *communicate the new or amended provisions* of all Titles of the TEA-21, 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 TEA-21, Florida Statutes, CAA; ADA* and their related rules and regulations.
2. Monitor the Federal Register for rules and opportunities related to transportation planning
3. *Analyze state and federal legislative proposals*, especially TEA-21 reauthorization, for potential impact upon the local transportation planning process.
4. Draft *summaries, position papers and responses* when appropriate on behalf of the MPO.
5. 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

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 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)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

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		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

4. The *organization, scheduling, and supervision of meetings and conferences* for the general public and specific user, neighborhood, or professional groups, including room scheduling, preparation of presentations, graphics, publicity, and record keeping, 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 AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 115,000	PL112	(\$94,220 Federal, \$20,780 Local)
<u>\$ 51,429</u>	STP FY 00	(\$38,571 Federal, \$6,429 State, \$6,429 Local)
\$166,429		

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.15 LOCAL TRANSIT CIRCULATOR STUDY

OBJECTIVE:

To perform a study to assess benefits and other impacts of implementing municipal/local area transit circulator services and to prepare recommendations regarding these services.

PREVIOUS WORK:

This is a new project. While no general policy studies have been performed addressing non-County sponsored transit circulator services other focused studies for specific areas have been performed:

1. Research, development, and implementation efforts associated with the North Miami/North Miami Beach shuttle bus service.
2. Similar efforts associated with the Miami Beach "Electro-Wave" electric bus shuttle.
3. Research and suggested development of the proposed Hialeah Circulator

METHODOLOGY:

A review and evaluation of benefits and impacts related to municipalities' sponsoring local circulators will be undertaken. Findings and recommendations will be included in a series of technical memoranda . A refined Scope of Work is to be provided at the time of advertisement for consulting services.

Work Tasks:

1. Compile typical conditions under which such services are usually provided.
2. Typify desirable operational characteristics of such services:
Kind(s) and type(s) of service spans, routes structure(s), headways;
Links to County transit local circulators and other transit services beneficial to maximize effectiveness and mobility improvements of circulators (transfer points).

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

3. List typical technology characteristics of such services: the kind(s) and type(s) of vehicles usually associated with existing or planned local circulators.
4. Discuss ways of evaluating ridership potential and how to develop reasonable estimate(s) ridership of new services.
5. Estimate potential impacts to existing conventional transit services.
6. Discuss both typical and innovative approaches and mechanisms for funding such services; issues such as services being contracted out, leasing or purchase of capital assets, fares and fare structures, municipal contribution levels, County and State funding, and other financing options should be addressed.
7. Analyze whether a standardized framework for handling the provision of such services be recommended.
8. Identify mobility enhancements that may have a positive impact on transit usage.

END PRODUCTS:

Recommendations for addressing Local Transit Circulator establishment

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Miami-Dade Transit Agency
Florida Department of Transportation District VI
City of Miami Beach TMA
Representatives of interested local municipalities

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
<u>\$75,000</u>	Section 5303	(\$60,000 Federal, \$7,500 State, \$7,500 Local)
\$85,000		



OBJECTIVE E

STATE PLANNING PROGRAM

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

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 1999-2000, beginning July 1, 1999 and ending June 30, 2000 follows.

Section I

All in-house projects using State Planning and Research funds have been combined into three categories. Each category has one financial management (FM) number. The three categories are transportation planning, data collection, and special projects. Funding is managed by FM number rather than by individual projects. Numerous projects are included in each of the three categories.

All project managers may be contacted by calling (305) 377-5910.

Transportation planning: includes growth management reviews, coordinating the Florida Transportation Plan, MPO liaison and coordination, corridor studies and other projects generally related to planning. These are continuing activities without specific end dates. Financial Management Number: 403487-1-11.

ESTIMATED COSTS FOR 1999-00 ACTIVITIES

Part I	Part III-A
Participating	Non-Participating
\$534,000	\$50,000

Data collection: includes transportation statistics activities such as Level of Service, pavement condition, mapping, GIS activities, CADD and others. These are continuing activities without specific end dates.

Financial Management Number: 403488-1-11

ESTIMATED COSTS FOR 1999-00 ACTIVITIES

Part I	Part III-A
Participating	Non-Participating
\$435,000	\$50,000

Special planning projects: includes bicycle-pedestrian and scenic highway activities. These are continuing activities without specific end dates. Financial Management Number: 403489-1-11

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

ESTIMATED COSTS FOR 1999-00 ACTIVITIES

Part I	Part III-A
Participating	Non-Participating
\$388,000	\$50,000

In addition, project with consultants have individual financial management numbers. These are phase 12. Project managers may be contacted at 377-5910.

OBJECTIVE(S):

See individual program sheets.

PREVIOUS WORK:

See individual program sheets.

METHODOLOGY:

See individual program sheets.

END PRODUCTS:

See individual program sheets.

PROJECT MANAGER:

Jo Laurie Penrose, District Six SPR Coordinator

PARTICIPATING AGENCIES:

See individual program sheets.

WORK SCHEDULE:

See individual program sheets.

FUNDING:

See individual program sheets.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Section II

TRANSPORTATION PLANNING

FM# 252073-1-12 GROWTH MANAGEMENT/COMP PLAN AND DRI REVIEW

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

District comments on DRIS and comprehensive plans.

PROJECT MANAGER:

Phil Steinmiller

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: \$150,000 federal funds.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 GROWTH MANAGEMENT/COMP PLAN AND DRI REVIEW

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Coordination and technical assistance.

PROJECT MANAGER

Phil Steinmiller

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM number (see Section I)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 252074-1-12 CONSULTANT PROJECT: ARTERIAL CORRIDOR STUDIES/ACCESS MANAGEMENT STUDIES

OBJECTIVES:

Prepare corridor studies including access management plans and multimodal planning studies.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Corridor improvement plans.

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: \$440,000 state funds.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 ARTERIAL CORRIDOR STUDIES/ACCESS MANAGEMENT STUDIES

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Corridor improvement plans.

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 .. Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM number (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 2020 FLORIDA TRANSPORTATION PLAN

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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

END PRODUCTS:

Public information on the FTP.

PROJECT MANAGER:

Jo Laurie Penrose

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 252094-1-12 TIP/WORK PROGRAM DEVELOPMENT

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

Work Program/TIP Development

Participate in the development of the 1999/00 work program and 1999/00 TIP. Ensure consistency between the work program and the long range plan. Maintain the current TIP by processing necessary amendments through the MPO.

END PRODUCTS:

Work program projects.

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: \$150,00 federal funds, \$100,000 state funds.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 4903487-1-11 MPO SUPPORT/LONG RANGE TRANSPORTATION PLAN

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Work program projects.

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 IN-HOUSE MPO SUPPORT

OBJECTIVES:

Provide In-House support for MPO's Planning Program

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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

END PRODUCTS:

General support for the Miami MPO.

PROJECT MANAGER:

Jo Laurie Penrose

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 MONROE COUNTY LONG RANGE TRANSPORTATION PLAN

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Technical assistance to Monroe County.

PROJECT MANAGER:

Phil Steinmiller

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Section III

DATA COLLECTION

FM#: 252071-1-12 VOLUME COUNTS

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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 12 funds

END PRODUCTS:

Traffic data.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: \$440,000 state funds.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 VOLUME COUNTS

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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.

END PRODUCTS:

Traffic data.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM number (see Section I)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 252080-1-12 CONSULTANT PROJECT; ISTE A REQUIREMENTS

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Implementing management systems

PROJECT MANAGER:

Nour Nazef

PARTICIPATING AGENCIES:

Florida Department of Transportation .

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM number (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 TRAFFIC SERVICE STUDIES

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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

END PRODUCTS:

LOS documents

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999 Jul Aug Sep Oct Nov Dec
2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 DISTRICT WIDE MAPPING

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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
- Highway Performance Monitoring System
- Access Management
- Transportation Boundaries
- National Highway System

END PRODUCTS:

Maps to support corridor planning activities.

PROJECT MANAGER:

Albert Dominguez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

1999	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2000	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 VEHICLE CLASSIFICATION

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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 SPS processing into mainframe database.
- ◆ Other activities include technical review of consultant's monthly reports, project budget management, invoice processing and quality reviews.

END PRODUCTS:

Vehicle classification data.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 FUNCTIONAL CLASSIFICATION

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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.

END PRODUCTS:

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 DESIGN TRAFFIC FORECAST

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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.

END PRODUCTS:

Traffic volume data.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 SYSTEM PLANNING

OBJECTIVES:

Provide technical support to the Department, outside Agencies, and consultants regarding the 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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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.

END PRODUCTS:

PROJECT MANAGER:

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 PAVEMENT MANAGEMENT SYSTEM

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.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

- ◆ 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.

END PRODUCTS:

Programming recommendations.

PROJECT MANAGER:

Nour Nazef

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 .. 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Section IV

SPECIAL PLANNING ACTIVITIES

FM#: 403489-1-11 SCENIC HIGHWAYS PROGRAM SUPPORT

OBJECTIVES:

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

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

Three corridors that have been proposed as Scenic Highways:

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

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

- ◆ City of Miami/Calle Ocho Designation
The City of Miami has approached the Department regarding the designation of part of SR 90/S.W. 8 St./Calle Ocho in Little Havana as a Scenic Highway.

- ◆ Florida Scenic Highway Program Development
Statewide program development activities are on-going (FSHP coordinator meeting, training, etc).

END PRODUCTS:

Scenic highway designations and technical assistance.

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)

2000 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM# 403489-1-11 BICYCLE/PEDESTRIAN PROGRAM

OBJECTIVES:

Coordinate the district's bicycle and pedestrian program.

PREVIOUS WORK: Continuing activity.

METHODOLOGY:

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.

END PRODUCTS:

Technical assistance.

PROJECT MANAGER:

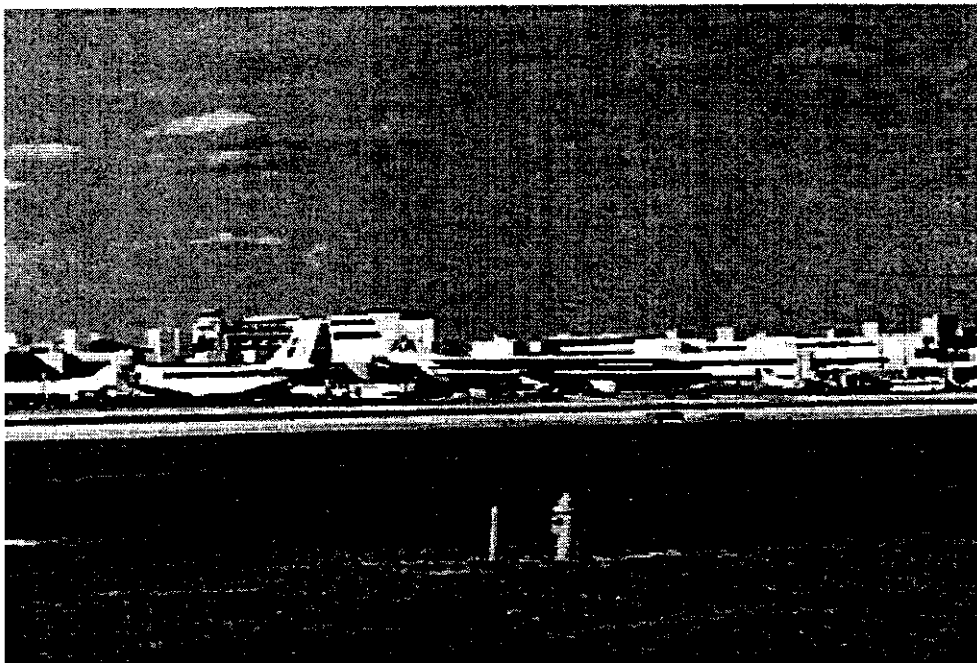
David Henderson

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 1999 Jul Aug Sep Oct Nov Dec
 2000 Jan Feb Mar Apr May Jun

FUNDING: Work charged to FM# (see Section 1)



SECTION F

ACR⊕NYMS, RES⊕LUTION, CERTIFICATI⊕NS, FEDERAL ASSISTANCE F⊕RM, APPENDICES & TABLES

ACRONYMS LIST

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

ACRONYMS LIST

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

MPO RESOLUTION #11-99

RESOLUTION APPROVING THE FY 2000 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 2000 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 2000 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 2000 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 Bruno A. Barreiro, who moved its adoption. The motion was seconded by Board Member Javier D. Souto, and upon being put to vote, the vote was as follows:

Board Member Miriam Alonso	-	absent
Board Member Bruno A. Barreiro	-	aye
Board Member George J. Berlin	-	aye
Board Member Barbara M. Carey-Shuler	-	absent
Board Member Miguel Diaz de la Portilla	-	aye
Board Member Betty T. Ferguson	-	absent
Board Member Richard N. Krinzman	-	aye
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

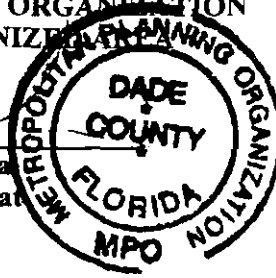
Board Member Javier D. Souto	-	aye
Board Member Raul Valdes-Fauli	-	absent
Chairperson Gwen Margolis	-	aye

The Chairman thereupon declared the resolution duly passed and adopted this 27th day of May, 1999.

**METROPOLITAN PLANNING ORGANIZATION
FOR THE MIAMI URBANIZATION AREA**

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)

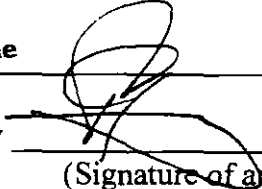
(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection 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 8th day of June, 1999.

By 
(Signature of authorized official)

County Manager
(title of authorized official)

Modify Recipient (MIAMI DADE TRANSIT AGENCY)

Organization: 1089 MIAMI-DADE TRANSIT AGENCY

Agreement	Description	Att	N/A	Cert Date	Text
I	CERTS/ASSURANCES REQUIRED ALL APPLICANTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
II	LOBBYING CERT PER APPLICATION > \$100,000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
III	EFFECTS ON PRIVATE MASS TRANS COMPANIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
IV	PUBLIC HEARING EFFECT ON COMMUNITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
IX	DEMAND RESPONSE SERVICE DIRECT AWARD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
V	PRE-AWARD/POST-DELIVERY ROLLING STOCK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
VI	BUS TESTING CERTIFICATION FOR NEW BUSES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>
VII	CHARTER SERVICE AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	<input type="checkbox"/>

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.

Name: Mr. Stephen Spratt Date: 26-jan-1999
 Authorized Representative of Applicant

FEDERAL CERTIFICATIONS AND ASSURANCES (Continued)

Modify Receipt (MIAMI-DADE TRANSIT AGENCY)

Organization: 1089 MIAMI-DADE TRANSIT AGENCY

Agreement	Description	Att	N/A	Cert Date	Text
VII	CHURCH STREET FERRY AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
VIII	SCHOOL TRANSPORTATION AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
X	SUBSTANCE ABUSE CERTIFICATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
XI	PROJECT INVOLVING FINANCING COSTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
XII	CERTS FOR URBANIZED AREA FORMULA PROGRAM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
XIII	CERTS FOR THE ELDERLY AND DISABLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
XIV	CERTS FOR NONURBANIZED AREA FORMULA PROG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	
XV	CERTS FOR STATE INFRASTRUCTURE BANK PROG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/26/99	

Name: R. A Cuevas, Jr Date: 13-jan-1999
Applicant's Attorney

Each Applicant for FTA financial assistance (except 49 U.S.C. 5312(b) assistance) and each FTA Grantee with an active capital or formula project must provide an Attorney's affirmation of the Applicant'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
Attorney's Name

County Manager

Title of Authorized Official

Date

APPENDIX I

FY 2000 UNIFIED PLANNING WORK PROGRAM

FUNDING SOURCES

I. FHWA FUNDS	FUNDING	SUBTOTALS
FHWA FY 00 - PL Funds (81.93%) Local Match (18.07%)	1,191,262 262,738	1,454,000
TOTAL:		1,454,000

II. STP FUNDS	FUNDING	SUBTOTALS
FY 00 STP Funds (75%) State Match (12.5%) Local Match (12.5%)	428,572 71,429 71,429	571,429
TOTAL:		571,429

III. FTA SECTION 8 FUNDS (5303)	FUNDING	SUBTOTALS
Section 8 - FY 00 (80%) State Match (10%) Local Match (10%)	673,106 84,138 84,138	841,383
TOTAL:		841,383

IV. FTA SECTION 9 FUNDS (5307)	FUNDING	SUBTOTALS
Section 9 FY 00 (100%) Soft Match (20% Toll Revenue Expenditures Not Shown)	1,402,000	1,402,000
TOTAL:		1,402,000

V. OTHER/STATE FUNDS AND LOCAL MATCH	FUNDING	SUBTOTALS
Project No. 4.13: Municipal Grant Program (Municipal Match 20%)	52,000	52,000
Project No. 4.07: Transportation Disadvantaged Planning (100% State)	62,189	62,189
TOTAL:		114,189

FY 2000 NEW FUNDING TOTAL	4,383,001
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APPENDIX I

FY 2000 UNIFIED PLANNING WORK PROGRAM

FUNDING SOURCES

VI. PREVIOUS YEARS FUNDING CARRIED OVER	FUNDING	SUBTOTALS
FY 97 STP: Element No. 3.07 (80%) State Match (10%) Local Match (10%)	32,000 4,000 4,000	 40,000
FY 98 STP: Element Nos. 3.02 (80%) State Match (10%) Local Match (10%)	56,000 7,000 7,000	 70,000
FY 99 STP: Element Nos. 2.04, 3.04, 3.06, 4.13 (75%) State Match (12.5%) Local Match (12.5%)	179,200 22,400 22,400	 224,000
TOTAL:		334,000
FY 2000 UPWP GRAND TOTAL		4,717,001

**APPENDIX II
FY 2000 UNIFIED PLANNING WORK PROGRAM**

PROJECT FUNDING BY SOURCE (\$000)

May 27, 1999

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 98	STP FY 98	OTHER	Total
1.01 Urban Travel Modeling and Forecasting	60	64								124.0
1.02 Long Range Trans. Plan Update	110	70		130						310.0
1.03 Trans./Land Use Coordination	115	32.4	22	35						204.4
1.04 Socio-Economic Database	80	40		40						160.0
1.05 Southeast FL Regional Travel Characteristics	10									10.0
TOTAL - OBJECTIVE A	375	208.4	22	205	0	0	0	0	0	808.4

OBJECTIVE B: Short Range Trans. System Planning and Development	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 98	STP FY 98	OTHER	Total
2.01 Short-Range Intermodal Planning	110	50	5							165.0
2.02 Short-Range Transit Planning			51							51.0
2.03 Highway Traffic Counting Program	50									50.0
2.04 Aesthetics and Urban Design in Trans. Planning		5					41			46.0
2.05 Conduct Transit Market Research			24							24.0
2.06 Cont. Technical Support for TMA's		60								60.0
2.07 Transit Route-Level Monitoring			429							429.0
2.08 Transit Financial Capacity Assessment			21							21.0
2.09 Transit Reporting			175							175.0
2.10 Tri-Rail Coordination			210							210.0
2.11 Transit Ridership Forecasting			22							22.0
2.12 Improving Welfare to Work Trans. Planning		20		30						50.0
2.13 Short-Range Truck Traffic Study		35								35.0
2.14 Integrated Transportation Mgmt. Systems		15		120						135.0
2.15 ITS Plan Monitoring	25									25.0
TOTAL - OBJECTIVE B	185	185	937	150	0	0	41	0	0	1,498.0

OBJECTIVE C: Intermodal Transportation System	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 98	STP FY 98	OTHER	Total
3.01 A/Q Conformity Determination Assess.	60			30						90.0
3.02 Technical Studies Program Support	160							70		230.0
3.03 Center for Urban Trans. Research Support			100							100.0
3.04 Comp. Bicycle/Pedestrian Planning Programs	20			20			90			130.0
3.05 Improving Regional Trans. Planning	25									25.0
3.06 Coconut Grove Intermodal Trans. Study	10	30					35		8.8	83.8
3.07 Vanpool Marketing Program		23				40				63.0
TOTAL - OBJECTIVE C	275	53	100	50	0	40	125	70	8.75	721.8

APPENDIX II
FY 2000 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY SOURCE (\$000)

May 27, 1999

OBJECTIVE D: Transportation Planning Decision Making Process	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 99	STP FY 98	OTHER	Total
4.01 UPWP Administration	50	20								70.0
4.02 MPO Board Staff Support	80	32	50							162.0
4.03 UPWP Development	60									60.0
4.04 TIP Development	64	55	181							300.0
4.05 Citizen and Private Sector Involvement	100	55								155.0
4.06 Technical Committees Support	45	55								100.0
4.07 Trans. Disadvantaged Planning					62.2					62.2
4.08 American with Disabilities Act (ADA) Planning			73							73.0
4.09 FTA Civil Rights Requirements			39							39.0
4.10 Legislative Assessments		10								10.0
4.11 MPO Program Support Services	75	60								135.0
4.12 ADA Required Infrastructure Improvements	10								Municipal Match 43.3	10.0
4.13 Municipal Grant Program	10	35		115			58.0			261.3
4.14 Public Information Program	115			51						166.4
4.15 Local Transit Circulator Services Study	10	75								85.0
SUBTOTAL - OBJECTIVE D	619	397	343	166	62	0	58	0	43	1,888.9

OBJECTIVE E: State Planning Program	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 99	STP FY 98	OTHER	Total
5.01 State Planning Project Summary										
TOTAL - OBJECTIVE E	0	0	0	0	0	0	0	0	0	0.0

PROJECT FUNDING BY SOURCE	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	STP FY 97	STP FY 99	STP FY 98	OTHER	Grand Total
2000 UNIFIED PLANNING WORK PROGRAM	1,454	841	1,402	571	62	40	224	70	52	4,717.0

**APPENDIX III
FY 2000 UNIFIED PLANNING WORK PROGRAM**

PROJECT FUNDING BY AGENCY (\$000)

May 27, 1999

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	MPO	MDTA	P&Z	DCPW	OMB	Consul- tant	Other	Total
1.01 Urban Travel Modeling and Forecasting	85	39						124.0
1.02 Long Range Trans. Plan Update	185					125		310.0
1.03 Trans./Land Use Coordination	81.4	63	40	20				204.4
1.04 Socio-Economic Database			160					160.0
1.05 SE FL Regional Travel Characteristics	10							10.0
TOTAL - OBJECTIVE A	361	102	200	20	0	125	0	808.4
OBJECTIVE B: Short Range Trans. System Planning and Development	MPO	MDTA	P&Z	DCPW	OMB	Consul- tant	Other	Total
2.01 Short-Range Intermodal Planning	150	5		10				165.0
2.02 Short-Range Transit Planning		51						51.0
2.03 Highway Traffic Counting Program				50				50.0
2.04 Aesthetics & Urban Design in Trans.	5					41		46.0
2.05 Conduct Transit Market Research		24						24.0
2.06 Cont. Technical Support for TMA's	60							60.0
2.07 Transit Route-Level Monitoring		429						429.0
2.08 Transit Financial Capacity Assessment		21						21.0
2.09 Transit Reporting		175						175.0
2.10 Tri-Rail Coordination							TCRA 210	210.0
2.11 Transit Ridership Forecasting		22						22.0
2.12 Improving Welfare-to-Work Trans.	5					45		50.0
2.13 Short Range Truck Traffic Study	5					30		35.0
2.14 Integrated Trans. Mgmt Systems Phase II	15					120		135.0
2.15 ITS Plan Monitoring	25							25.0
TOTAL - OBJECTIVE B	265	727	0	60	0	236	210	1,498.0

**APPENDIX III
FY 2000 UNIFIED PLANNING WORK PROGRAM**

PROJECT FUNDING BY AGENCY (\$000)

May 27, 1999

OBJECTIVE C: Intermodal Transportation System	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
3.01 A/Q Conformity Determination Assess.	90							90.0
3.02 Technical Studies Program Support	30					200		230.0
3.03 Center for Urban Trans. Research		100						100.0
3.04 Bicycle/Pedestrian Planning Programs	130							130.0
3.05 Improving Regional Trans. Planning							SFRPC 25	25.0
3.06 Coconut Grove Intermodal Trans. Study	10						MIAMI 73.8	83.8
3.07 Vanpool Marketing Program	23					40		63.0
TOTAL - OBJECTIVE C	283	100	0	0	0	240	99	721.8

OBJECTIVE D: Transportation Planning Decision Making Process	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
4.01 UPWP Administration	70							70.0
4.02 MPO Board Staff Support	162							162.0
4.03 UPWP Development	60							60.0
4.04 TIP Development	94	136		20	50			300.0
4.05 Citizen and Private Sector Involvement	155							155.0
4.06 Technical Committees Support	100							100.0
4.07 Trans. Disadvantaged Planning	2.2	60						62.2
4.08 ADA Planning		73						73.0
4.09 FTA Civil Rights Requirements		39						39.0
4.10 Legislative Assessments	10							10.0
4.11 MPO Program Support Services	135							135.0
4.12 ADA Infrastructure Improvements				10				10.0
4.13 Municipal Grant Program	10						Cities 251.3	261.3
4.14 Public Information Program	166.4							166.4
4.15 Local Transit Policy Circulator Services	10					75		85.0
SUBTOTAL - OBJECTIVE D	975	308	0	30	50	75	251	1,688.9

**APPENDIX III
 FY 2000 UNIFIED PLANNING WORK PROGRAM
 PROJECT FUNDING BY AGENCY (\$000)**

May 27, 1999

OBJECTIVE E: State Planning Program	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
5.01 State Planning Project Summary								
TOTAL - OBJECTIVE E	0	0	0	0	0	0	0	0.0

PROJECT FUNDING BY AGENCY	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Grand Total
2000 UNIFIED PLANNING WORK PROGRAM	1,884	1,237	200	110	50	676	560	4,717.0

**APPENDIX IV
FY 2000 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING DETAIL (\$000)**

	FTA		FHWA						STATE						LOCAL							5/27/99				
	FY00 S.8	Sect. 5307	FTA Total	00 PL	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY00 S.8	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S.8	00 PL	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL	
OBJECTIVE A: Long Range Trans. Planning, Dev. and Enhancement																										
1.01 Urban Travel Modeling & Frctg.	51.2	0	51.2	49.2	0	0	0	0	49.2	0	6.4	0	0	0	0	6.4	6.4	10.8	0	0	0	0	0	0	17.2	124
1.02 Long Range Trans. Plan Update	56	0	56	90.1	97.5	0	0	0	188	0	7	16.3	0	0	0	23.3	7	19.9	16	0	0	0	0	0	43.1	310
1.03 Trans./Land Use Coordination	25.9	22	47.9	94.2	0	28	0	0	122	0	3.24	0	3.5	0	0	6.74	3.2	20.8	0	3.5	0	0	0	0	27.5	204
1.04 Socio-Economic Database	64	0	64	65.5	0	0	0	0	65.5	0	8	0	0	0	0	8	8	14.5	0	0	0	0	0	0	22.5	160
1.05 SE FL Regional Travel Characteristics	0	0	0	8.19	0	0	0	0	8.19	0	0	0	0	0	0	0	0	1.81	0	0	0	0	0	0	1.81	10
TOTAL OBJECTIVE A	197	22	219	307	97.5	28	0	0	433	0	24.8	16.3	3.5	0	0	44.4	24.8	67.8	16.3	3.5	0	0	0	0	112	608
OBJECTIVE B: Short Range Trans. System Planning and Mgmt.																										
2.01 Short-Range Intermodal Planning	40	5	45	90.1	0	0	0	0	90.1	0	5	0	0	0	0	5	5.0	19.9	0	0	0	0	0	0	24.9	165
2.02 Short-Range Transit Planning	0	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
2.03 Highway Traffic Counting Program	0	0	0	41	0	0	0	0	41	0	0	0	0	0	0	0	0.0	9.0	0	0	0	0	0	0	9.0	50
2.04 Aesthetics & Urban Design in Trans.	4	0	4	0	0	32.8	0	0	32.8	0	0.5	0	4.1	0	0	4.6	0.5	0	0	4.1	0	0	0	0	4.6	46
2.05 Conduct Transit Market Research	0	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
2.06 Cont. Technical Support for TMA's	48	0	48	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	6.0	60
2.07 Transit Route-Level Monitoring	0	429	429	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	429
2.08 Transit Financial Capacity Assess.	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	21
2.09 Transit Reporting	0	175	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175
2.10 Tri-Rail Coordination	0	210	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
2.11 Transit Ridership Forecasting	0	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	22
2.12 Improving Welfare-to-Work Trans.	16	0	16	0	22.5	0	0	0	22.5	0	2	3.75	0	0	0	5.75	2	0	4	0	0	0	0	0	5.8	50
2.13 Short-Range Truck Traffic Study	28	0	28	0	0	0	0	0	0	0	3.5	0	0	0	0	3.5	3.5	0	0	0	0	0	0	0	3.5	35
2.14 Integrated Trans. Mgmt. Systems	12	0	12	0	90	0	0	0	90	0	1.5	15	0	0	0	16.5	1.5	0	15	0	0	0	0	0	16.5	135
2.15 ITS Plan Monitoring	0	0	0	20.5	0	0	0	0	20.5	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	0	4.5	25
TOTAL OBJECTIVE B	148	937	1085	152	113	32.8	0	0	297	0	18.5	18.8	4.1	0	0	41.4	18.5	33.4	18.8	4.1	0	0	0	0	74.8	1,498

**APPENDIX IV
 FY 2000 UNIFIED PLANNING WORK PROGRAM
 PROJECT FUNDING DETAIL (\$000)**

	FTA		FHWA						STATE						LOCAL						5/27/99				
OBJECTIVE C: Intermodal Transportation System	FY00 S.8	Sect. 5307	FTA Total	00 PL	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY00 S.8	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S8	00 PL	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL
3.01 A/Q Conformity Determination Assess	0	0	0	49.2	22.5	0	0	0	71.7	0	0	3.75	0	0	0	3.75	0	10.8	4	0	0	0	0	14.6	90
3.02 Technical Studies Program Support	0	0	0	131.1	0.0	0	56	0	187	0	0	0	0	7	0	7	0	28.9	0	0	7	0	0	35.9	230
3.03 Center for Urban Trans. Research	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
3.04 Comp. Bicycle/Pedestrian Planning	0	0	0	16.4	15	72	0	0	103	0	0	2.5	9	0	0	11.5	0	3.61	3	9	0	0	0	15.1	130
3.05 Improving Regional Trans. Planning	0	0	0	20.5	0	0	0	0	20.5	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	4.5	25
3.06 Coconut Grove Intermodal Trans.	24	0	24	8.2	0.0	28	0	0	36.2	0	3	0	3.5	0	0	6.5	3	1.8	0	3.5	0	0	8.75	17.1	83.8
3.07 Vanpool Marketing Program	18.4	0	18.4	0.0	0.0	0	0	32	32	0	2.3	0	0	0	4	6.3	2.3	0.0	0	0	0	4	0	6.3	63
TOTAL OBJECTIVE C	42.4	100	142	225	37.5	100	56	32	451	0	5.3	6.25	12.5	7	4	35.1	5.3	49.7	8.25	12.5	7	4	8.75	93.6	721.8

**APPENDIX IV
FY 2000 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING DETAIL (\$000)**

	FTA		FHWA						STATE						LOCAL						5/27/99				
OBJECTIVE D: Transportation Planning Decision-Making and Funding	FY00 S.8	Sect. 5307	FTA Total	00 PL	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY00 S.8	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S.8	00 PL	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL
4.01 UPWP Administration	16	0	16	41	0	0	0	0	41	0	2	0	0	0	0	2	2	9.0	0	0	0	0	0	11.0	70.0
4.02 MPO Board Staff Support	25.6	50	75.6	65.5	0	0	0	0	65.5	0	3.2	0	0	0	0	3.2	3.2	14.5	0	0	0	0	0	17.7	162.0
4.03 UPWP Development	0	0	0	49.2	0	0	0	0	49.2	0	0	0	0	0	0	0	0	10.8	0	0	0	0	0	10.8	60.0
4.04 TIP Development	44	181	225	52.4	0	0	0	0	52.4	0	5.5	0	0	0	0	5.5	5.5	11.6	0	0	0	0	0	17.1	300.0
4.05 Citizen & Private Sector Involvement	44	0	44	81.9	0	0	0	0	81.9	0	5.5	0	0	0	0	5.5	5.5	18.1	0	0	0	0	0	23.6	155.0
4.06 Technical Committees Support	44	0	44	36.9	0	0	0	0	36.9	0	5.5	0	0	0	0	5.5	5.5	8.1	0	0	0	0	0	13.6	100.0
4.07 Trans. Disadvantaged Planning	0	0	0	0	0	0	0	0	0	62.2	0	0	0	0	0	62.2	0	0	0	0	0	0	0	0	62.2
4.08 ADA Planning	0	73	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73.0
4.09 FTA Civil Rights Requirements	0	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0	39.0
4.10 Legislative Assessments	8	0	8	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	10.0
4.11 MPO Program Support Services	48	0	48	61.4	0	0	0	0	61.4	0	6	0	0	0	0	6	6	13.6	0	0	0	0	0	19.6	135.0
4.12 ADA Required Infrastructure	0	0	0	8.2	0	0	0	0	8.19	0	0	0	0	0	0	0	0	1.8	0.0	0	0	0	0	1.81	10.0
4.13 Municipal Grant Program	0	0	0	8.2	86.3	46.4	0	0	141	0	0	14.4	5.8	0	0	20.2	0	1.8	14.4	5.8	0	0	43.3	65.2	226.3
4.14 Public Information Program	28	0	28	94.2	38.6	0	0	0	133	0	3.5	6.43	0	0	0	9.93	3.5	20.8	6.43	0	0	0	0	30.7	201.4
4.15 Local Transit Policy Circulator Services	60	0	60	8.19	0	0	0	0	8.19	0	7.5	0	0	0	0	7.5	7.5	1.81	0	0	0	0	0	9.31	85.0
TOTAL OBJECTIVE D	318	343	661	507	125	48	0	0	878	62	40	21	8	0	0	128	40	112	21	8	0	0	43	221	1,888.9
OBJECTIVE E: State Planning Program	FY00 S.8	Sect. 5307	FTA Total	00 PL	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY00 S.8	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S.8	00 PL	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL
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
TOTAL OBJECTIVE E	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
FUNDING BY AGENCY ALLOCATION GRAND TOTAL 2000 UPWP	705	1402	2107	1191	372	207	58	32	1859	62	88	62	26	7	4	249	88	263	62	26	7	4	52	502	4,717.0

APPENDIX V
PREVIOUS YEAR (FY 1999) PROJECT FUNDING DETAIL
FEDERAL AND STATE FUNDING WITH LOCAL MATCHES (\$000)

	FTA				FHWA					STATE					LOCAL/OTHER							8/20/98										
OBJECTIVE C: Intermodal Transportation System	FY96 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	99 PL Central Office	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	0	5	0	5	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	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	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		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	0	7.5	0	7.5	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	0	6.5		0	6.5	65
TOTAL OBJECTIVE C	0	24	36	80	140	69.8	32	172	52	328	0	0	3	4.5	0	4	21.5	6.5	39.5	0	0	3	4.5	20	15.4	4	21.5	6.5	0	0	74.9	580

**APPENDIX V
PREVIOUS YEAR (FY 1999) PROJECT FUNDING DETAIL
FEDERAL AND STATE FUNDING WITH LOCAL MATCHES (\$000)**

	FTA				FHWA					STATE								LOCAL/OTHER							8/20/98							
OBJECTIVE D: Transportation Planning Decision-Making and Funding	FY98 S.8	FY97 S.8	FY99 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY98 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	99 PL Central Office	Other	Total	TOTAL
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	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	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	10	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
TOTAL OBJECTIVE D	0	24	268	270	582	393	232	113	52	790	63	0	3	33	0	29	14	7	149	0	0	3	33	68	87	29	14	7	0	63	303	1,804.2
OBJECTIVE E: State Planning Program	FY98 S.8	FY97 S.8	FY99 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY98 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	99 PL Central Office	Other	Total	TOTAL
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
TOTAL OBJECTIVE E	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	0
FUNDING BY AGENCY ALLOCATION	FY98 S.8	FY97 S.8	FY99 S.8	Sect. 5307	FTA Total	99 PL	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	FY98 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	99 PL Central Office	Other	Total	TOTAL
GRAND TOTAL	112	80	582	1204	1978	758	484	350	144	1736	83	14	10	73	5	61	44	18	287	50	14	10	73	258	187	61	44	18	210	163	1055	5,054.8
1999 UPWP	112	80	582	1204	1978	758	484	350	144	1736	83	14	10	73	5	61	44	18	287	50	14	10	73	258	187	61	44	18	210	163	1055	5,054.8

TABLE 1

TEA-21 SEVEN PLANNING AREAS*

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

*Tea-21 consolidated the previous ISTEA sixteen planning factors into seven broad areas to be considered in the planning process.

TABLE 1

FY 2000 UNIFIED PLANNING WORK PROGRAM

Cross Reference of Work Tasks with TEA-21 Planning Areas

Task #	1	2	3	4	5	6	7
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	■	■		■	■	■	
2.14		■	■	■	■	■	■
2.15	■	■		■	■	■	
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	■				■	■	■
4.15			■		■	■	■

TABLE 2 DESCRIPTIONS

FY 2000 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 2000 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				
1.05				
2.01				
2.02				
2.03				
2.04				
2.05				
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4.08				
4.09				
4.10				
4.11				
4.12				
4.13				
4.14				
4.15				

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 2000 UNIFIED PLANNING WORK PROGRAM

Cross Reference of Work Tasks with LRTP 2020 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													
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NOTES

