

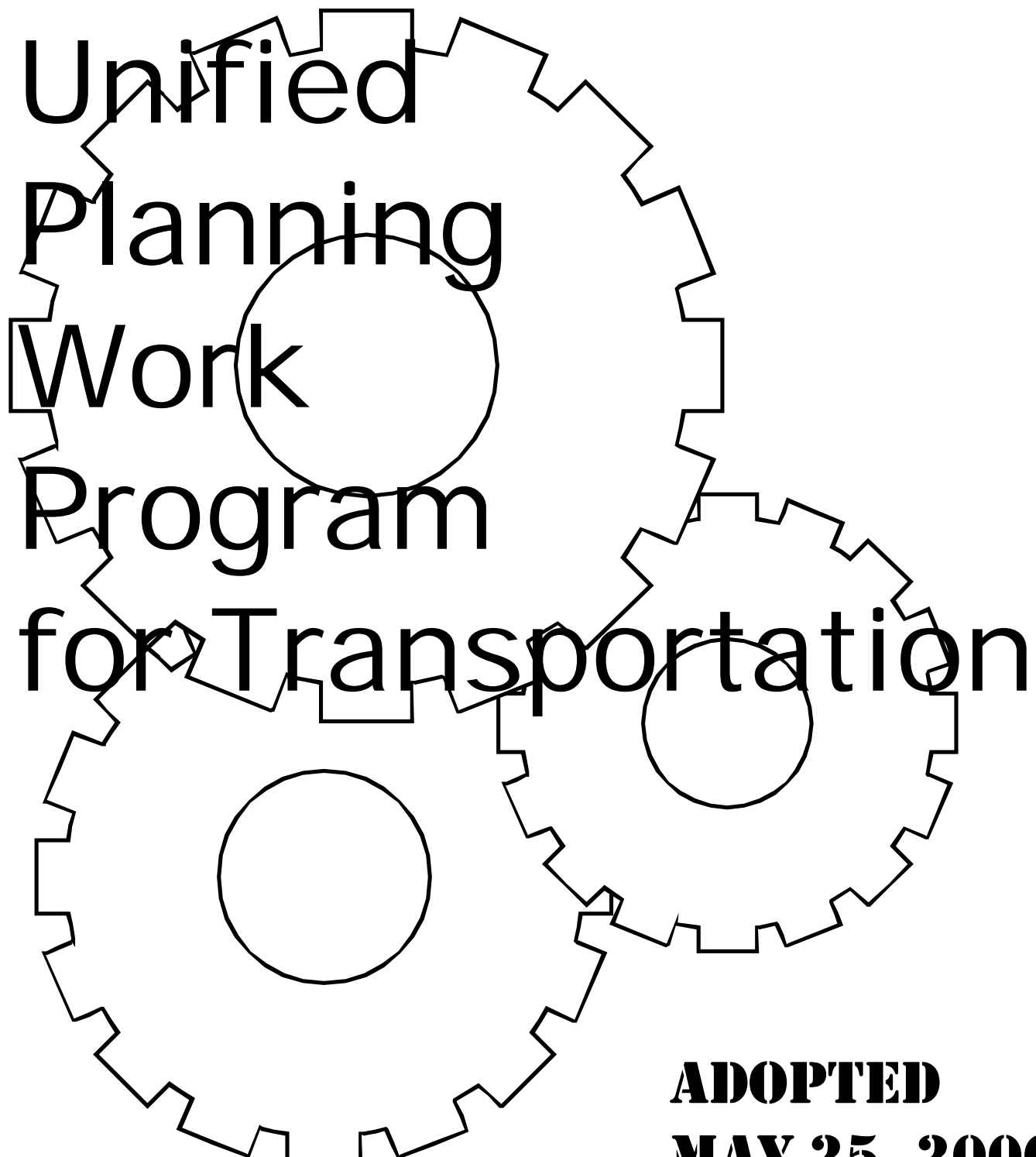


Unified Planning Network Program for transportation



METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA

CFDA Nos. 20.205, 20.505



Unified Planning Work Program for Transportation

**ADOPTED
MAY 25, 2000**



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**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI
URBANIZED AREA
FY 2001 UNIFIED PLANNING WORK PROGRAM**

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EXECUTIVE SUMMARY

The 2001 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, 2000 and ending on June 30, 2001 or as determined by the respective funding sources. The document outlines the planning projects that will support the comprehensive and multimodal 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 and regional agencies and the Florida Department of Transportation. This work is guided by policies adhered to by the State of Florida and the Metropolitan Planning Organization (MPO) Governing Board. 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 formally 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 and freight 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 adopted by the Program 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.

Projects in the 2001 UPWP address required work activities and agreed upon issues and priorities. These include but are not limited to: Transportation Equity Act of the 21st Century (TEA-21) planning factors, improvements outlined in the 2020 Long Range Plan, public transportation and ride sharing, Intelligent Transportation Systems (ITS), transportation program funding issues, and air quality considerations. The FY 2001 UPWP also includes the Municipal Grant Program whereby municipalities are granted monies to prepare relevant transportation planning studies.

New and/or increased funding for FY 2001 has been assigned to projects that either have proven underfunded during previous years or need special efforts during the upcoming year. These are:

- #1.02 Long Range Transportation Plan Update 2025 (Increased funding)
- #2.02 Short-Range Transit Planning (Increased funding)
- #2.06 Electric Transit Circulator Feasibility Study (New)
- #2.16 Transit Contra Flow Study (New)
- #2.17 Transit Level of Service Study (New)
- #3.06 Downtown Miami Transportation Masterplan (New)
- #3.08 Pedestrian Plan for Miami-Dade County (New)
- #3.09 Hometown Intermodal Transportation Study (New)
- #4.05 Citizen and Private Sector Involvement (Increased funding)

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 heavily traveled corridors make the defined planning efforts critical priorities for 2001.

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. Twenty-one (21) voting members are designated by the State Governor and include the following: all thirteen (13) Miami-Dade County Commissioners, an elected municipal official represented by Dade League of Cities, a representative from the citizenry of the unincorporated portion of Miami-Dade County, a member of the Miami-Dade County School Board, a member of the Miami-Dade Expressway Authority and an elected official representing each municipality with 50,000 residents or over which include the Cities of Hialeah, Miami, Miami Beach and North Miami. The Florida Department of Transportation (FDOT) has two nonvoting 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 utilizes 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 ongoing 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 over at least a twenty-year horizon.
- 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: mipo@co.miami-dade.fl.us.

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

FY 2001 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 full, multimodal transportation system to allow for ease of intermodal transfers, 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 by incorporating the true long and short-term costs of available options.

OBJECTIVE "E": *STATE PLANNING PROGRAM* (Pending from FDOT District VI)

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 2025*	\$758,000	A-4
1.03	Transportation/Land Use Coordination	\$204,536	A-8
1.04	Socio-Economic Data	<u>\$160,000</u>	A-10
	(Objective A total)	\$1,246,536	

* Project carried forward from FY 2000 UPWP

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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	\$35,000	B-3
2.03	Highway Traffic Counting Program	\$50,000	B-4
2.04	Aesthetics & Urban Design in Trans. Planning and Project Dev. Processes *	\$46,000	B-5
2.05	Conduct Transit Market Research	\$20,000	B-8
2.06	Electric Transit Circulator Feasibility Study	\$70,000	B-10
2.07	Transit Route-Level Monitoring	\$374,000	B-13
2.08	Transit Financial Capacity Assessment	\$20,000	B-14
2.09	Transit Reporting	\$89,000	B-15
2.10	Tri-Rail Coordination	\$159,000	B-16
2.11	Transit Ridership Forecasting	\$20,000	B-18
2.12	Welfare to Work Transportation Planning*	\$50,000	B-19
2.13	Short Range Truck Traffic Study*	\$35,000	B-22
2.14	Integrated Transportation Management Systems Phase II*	\$135,000	B-24
2.15	ITS Plan Monitoring	\$25,000	B-26
2.16	Transit Contraflow Feasibility Assessment Study	\$60,000	B-28
2.17	Transit Level Of Service (LOS) Study	<u>\$50,000</u>	B-30
	(Objective B total)	\$1,403,000	

* Project carried forward from FY 2000 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**	\$405,000	C-4
3.03	Center for Urban Transportation Research Support	\$100,000	C-6
3.04	Comprehensive Bicycle/Pedestrian Planning Programs	\$162,000	C-8
3.05	Improving Regional Transportation Planning	\$25,000	C-11
3.06	Downtown Miami Transportation Masterplan	\$630,000	C-14
3.07	Vanpool Marketing *	\$50,000	C-17
3.08	Pedestrian Plan for Miami-Dade County	\$170,000	C-19
3.09	Hometown Intermodal Transportation Study (South Miami)	<u>\$75,000</u>	C-21
	(Objective C total)	\$1,675,000	

* Project carried forward from FY 2000 UPWP.

** Project carried forward from FY 2000 UPWP plus additional funds.

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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	\$250,000	D-7
4.05	Citizen and Private Sector Involvement	\$195,000	D-9
4.06	Technical Committees Support	\$100,000	D-12
4.07	Transportation Disadvantaged (TD) Planning	\$62,189	D-14
4.08	ADA Planning for Compliance	\$ 60,000	D-17
4.09	FTA Civil Rights Requirements	\$30,000	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 **	\$385,000	D-25
4.14	Public Information Program	\$163,429	D-27
4.15	Local Transit Policy Circulator Services Study*	<u>\$85,000</u>	D-29
	(Objective D total)	\$1,777,618	

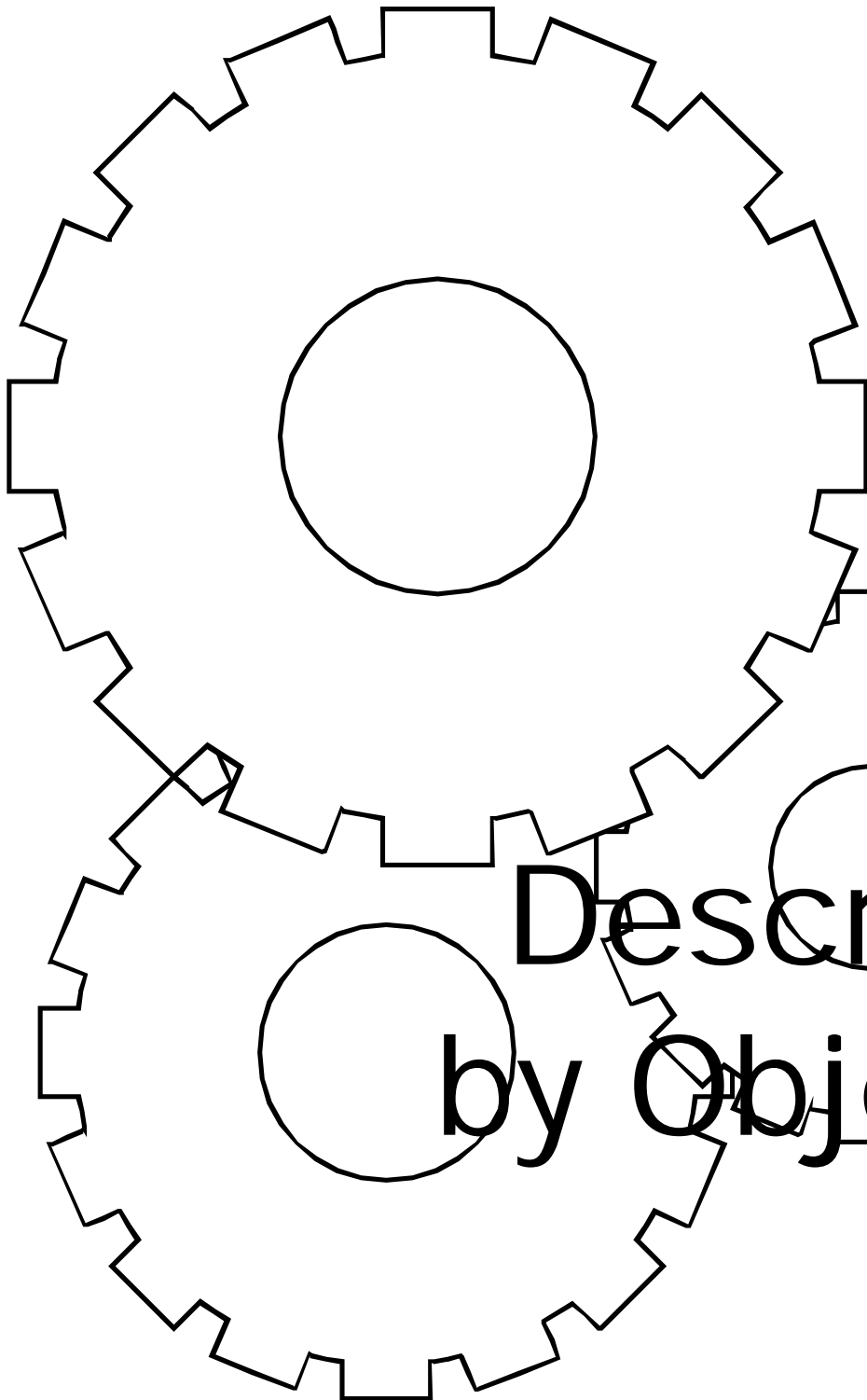
* Project carried forward from FY 2000 UPWP.

** Project carried forward from FY 2000 UPWP plus additional funds.

OBJECTIVE E: STATE PLANNING PROGRAM

5.01	State Planning Project Summary		E - 1
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TOTAL FY 2001 PROGRAM FUNDING **\$6,134,154**



Project
Descriptions
by Objectives



Objective A

**LONG-RANGE TRANSPORTATION
PLANNING FOR SYSTEM
PRESERVATION DEVELOPMENT
AND ENHANCEMENT**

2001 UNIFIED PLANNING WORK PROGRAM

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.

2001 UNIFIED PLANNING WORK PROGRAM

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. assist in the development of **ridership** and **operational forecasts** for various transit-related projects
 - e. **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.
 - c. provide **model support** to other Miami-Dade County departments requiring travel demand forecasts or related assistance.
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 projects **network** and development of concomitant network-related **database**.

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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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 64,000	Section 5303 FY 01	(\$51,200 Federal, \$6,400 State, \$6,400 Local)
<u>\$ 60,000</u>	PL 112	(\$49,158 Federal, \$10,842 Local)
\$124,000		



2001 UNIFIED PLANNING WORK PROGRAM

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

TASK NUMBER AND TITLE Project carried forward from FY 2000 program.

1.02 LONG RANGE TRANSPORTATION PLAN UPDATE 2025

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 May 27, 1999. The activities listed herein apply to the subsequent major update (to the year 2025). Consultant selection process was initiated during the FY 2000 program.

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. (This has been accomplished. The new 2000 TAZ structure is in place.)
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.

2001 UNIFIED PLANNING WORK PROGRAM

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

5. **Travel Forecasting Models** - Models are validated prior to being used in the forecasting of the Long Range travel demands. In the case of the 2020 Plan Update, the 1990 Model Validation from the 2015 Plan had been reused. 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 lifestyle-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 programmed in the 2000 and 2001s UPWP) and *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 revisited.
12. **Revise Project Priority List** - The review of the 2020 Plan Project list will be used as a partial basis to *develop a revised priority listing* of projects for the new 2025 horizon.
13. **Identify Travel Service Corridors** - 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.

2001 UNIFIED PLANNING WORK PROGRAM

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

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 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.

2001 UNIFIED PLANNING WORK PROGRAM

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

PROJECT MANAGER:

Michael Moore

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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 352,000	Section 5303 FY 01	(\$281,600 Federal, \$35,200 State, \$35,200 Local)
\$ 276,000	PL 112	(\$226,127 Federal, \$49,873 Local)
<u>\$ 130,000</u>	STP FY 00	(\$97,500 Federal, \$16,250 State, \$16,250 Local)
\$ 758,000		

2001 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 *coordinate long-range and short-range land use and transportation planning activities* and projects.

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 Comprehensive Development Master Plan (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 nontraditional 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).

END PRODUCTS:

2001 UNIFIED PLANNING WORK PROGRAM

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

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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 54,626	Section 5303 FY 01	(\$43,701 Federal, \$5,463 State, \$5,462 Local)
\$107,910	PL 112	(\$88,411 Federal, \$19,499 Local)
\$ 22,000	Section 5307 FY 01	(\$22,000 Federal, plus Soft Match)
<u>\$ 20,000</u>	STP FY 01	(\$15,000 Federal, \$2,500 State, \$2,500 Local)
\$204,536		



2001 UNIFIED PLANNING WORK PROGRAM

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

TASK NUMBER AND TITLE

1.04 SOCIOECONOMIC DATA

OBJECTIVES:

To develop 2025 projections of both FSUTMS and “Lifestyle” attraction and production variables and develop vacant land supply component for the Urban Land Use Allocation Model (ULAM). Produce a series of thematic computer generated maps utilizing selected variables from the FSUTMS and “Lifestyle” datasets prepared for the 2025 LRTP. Refine method for producing “Lifestyle” variables based on 2000 census data. Respond to special requests for FDOT and MPO staff or their consultants for data or map products as appropriate.

PREVIOUS WORK:

During FY 2000 the 1999 Base Year datasets were completed for both the standard FSUTMS variables and the enhanced “Lifestyle” variables. These datasets were initially produced for the 1990 TAZ geography and then converted to the new 2000 TAZ boundaries. The size of the datasets went up from 1166 TAZs to 1473 TAZs. Late in the year the intermediate 2010 projected dataset was developed. The 2025 projections were anticipated to be completed in Fall 2000 (FY 2001 second quarter).

In FY 2000 an interim year 2010 projection dataset was developed by trending the 1995, 1999 and 2005 prime variables (population, housing, employment, auto ownership). Considerable adjustment of the 2010 values had to occur due to a lower population control total and some modifications in subarea distribution of population at the Minor Statistical Area level. Even with lower figures, many subareas begin to reach capacity after 2005.

METHODOLOGY:

With a 2010 dataset in hand, adjustments to the existing 2020 dataset will be made, again controlling to a lower population than previously and with serious capacity constraints throughout much of the County except the far south. Likewise, the 2025 dataset will be a creature of the 2020; an extension of it. Emphasis will be placed on designating higher densities in appropriate locations and identifying redevelopment potentials. The census ratios used for the lifestyle variables will have to be trended based on 1980 and 1990 values.

The supply component of the ULAM model will be developed through the use of the Planning Division’s 1998 land use/capacity GIS layer updated to the year

2001 UNIFIED PLANNING WORK PROGRAM

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

2000. The gross acres of vacant land will be reduced to an estimate (by TAZ) of actual usable land by allowing for physical, regulatory or planning constraints. A method will be developed to systematically identify TAZs which have redevelopment potential and this will be added to the various land use types (i.e. residential, business, commercial or industrial) in acre equivalents or for residential, as units. Allowable uses must be determined for developable vacant land on the basis of zoning, CDMP designation or municipal plans, covenants, and other restrictions. Actual development capacities need to be established by applying appropriate conversion factors for specific uses. Residential land is usually measured in units per acre while commercial/ industrial land will be employees per acre. The FSUTMS employment categories have to be accounted for. Public and institutional uses may have to be uniquely dealt with. Historical approval patterns will be considered some weight. Following this, the 1999 Base Year used in the LRTP update will be advanced to year 2000 as a base. At this point, projected County growth in the production and attraction prime variables can be compared to the vacant land by type to see at what point in the future supply is exhausted. The complete land allocation function of ULAM requires both the Supply Component and the Market Demand Component. It is anticipated that the latter will be available in FY 2002 and the model will be fully operational at that point.

A series of informational maps will be produced utilizing selected FSUTMS variables. Examples might include population, employment and automobile densities, hotel/motel and school locations with capacities, locations of new housing and other combinations. Many of these can be produced through the use of Planning's new customized mapping application but some may have to be specially programmed.

Depending upon availability of census products, research will be done on the best way to create the **lifestyle** variables. For the 2025 LRTP update unmodified 1990 census ratios were employed. The results of this approach will be compared to actual 2000 census values to determine the accuracy and 1990-2000 trends in certain census items will be examined. This review may provide insights leading to more sophisticated methods for producing these detailed variables.

END PRODUCTS:

1. A 2025 FSUTMS dataset and "Lifestyle" variables dataset.
2. A TAZ file containing the ULAM Supply Component data.
3. Digital map products displaying various combinations of FSUTMS variables.

PROJECT MANAGER:

C. W. Blowers

2001 UNIFIED PLANNING WORK PROGRAM

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

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sept

FUNDING:

\$ 80,000	PL 112	(\$65,544 Federal , \$14,456 Local)
\$ 50,000	Section 5303 FY 01	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
<u>\$ 30,000</u>	STP FY 01	(\$22,500, Federal, \$3,750 State, \$3,750 Local)
\$160,000		



Objective B

**SHORT-RANGE TRANSPORTATION
SYSTEM PLANNING AND
MANAGEMENT**

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*," "*Street Closure Study*" and "*At-Risk Special Needs Population Emergency Evacuation Study*"; etc.
3. "Specific Area Analysis, Design and Development Planning".
4. Florida Freight Stakeholders Task Force Final Report; List of Statewide freight projects recommended for fast-track funding (Miami-Dade County was awarded funding for 1 of 6 projects Statewide).

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 the South Florida Regional Transportation Organization, FDOT study of Development of Transit Functional Classification Categories and FDOT study of Decision Support Tool to Assess Feasibility of Regional Transit
 - b) Freight: Development and institution of a Freight Advisory Committee (FAC)
FDOT study to develop a Florida Intermodal Strategic Highway Freight Model
 - c) Aviation: MPO membership on SE Region Continuing Florida Aviation Systems Planning Process (CFASPP) Committee: MPO continues on steering committees for Florida Aviation Systems Plan Update and the GA Training Study.



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

- 2. Short-Range Intermodal/Multimodal Planning is incorporating less traditional considerations in developing short- and intermediate-term, relatively low capital investment congestion relief measures for example:
 - ◆ Assist *ITS Systems Plan short-term coordination* and deployment efforts
 - ◆ Coordinate with the transit agency (MDTA) with incorporation of transit elements in MPO studies where feasible (e.g., Superarterial Network Study incorporates transit concerns)
 - ◆ MPO Board and other governing bodies requiring special studies and analyses.
- 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.

END PRODUCTS:

Reports, and contributions to reports generated by other agencies or Departments, containing *evaluations and congestion management recommendations* which serve as proposals for enhancements to existing and planned transit services, *techniques for mobile source air pollution reduction, measures for metropolitan area* (central area urban and suburban) *congestion mitigation, ITS applications, recommendations for future land use, and development coordination* and for enhancing *freight movement*.

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:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Oct	Nov	Dec

FUNDING:

\$ 40,000	Section 5303 FY 01	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
\$ 90,000	PL 112	(\$73,737 Federal, \$16,263 Local)
<u>\$ 35,000</u>	Section 5307 FY 01	(\$35,000 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. A major update effort for the Transit Development Program (TDP) was undertaken and completed in Fiscal Year 1999. Additionally the annual updates of this major service programming document needs to reflect changes in projected travel demand and available fiscal resources which are required to support all short term transit plans. Supporting TDP documents are also updated as required for consistency, e.g., the Park-and-Ride Plan for MDTA, etc.

METHODOLOGY:

1. Prepare annual *update of the TDP* for consistency with Miami-Dade County's multi-year operational plan and based on new requirements by the State.
2. *Preparation and/or review of proposed transit service plans*, i.e., TDP consistency as well as other plans and goals.
3. *Revise financial analysis*. Incorporate baseline condition changes.

END PRODUCT:

Administrative update to the Five-Year TDP.

PROJECT MANAGER: Mario G. Garcia

PARTICIPATING AGENCY: Miami-Dade Transit Agency

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$35,000 Section 5307 FY 01 (\$35,000 Federal plus Soft Match)



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

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 Transportation Aesthetics Review Committee (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. 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. Review and analyze local agency project development process and practice

1. Determine where local processes work well, and identify deficiencies, if any.

C. Document this Task in Technical Report 1.

II. 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

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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, Study Advisory Committee (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.

III. Coordination

Establish and meet with Project Steering Committee (PSC), to include representatives of transportation agencies and a member of TARC. Prepare meeting summaries. Meet with MPO advisory committees and coordinate with MPO staff. Note comments and incorporate into documents as appropriate. This task will result in Technical Report 2: Coordination.

END PRODUCTS:

Technical Report 1: Background Research and Current Conditions

Technical Report 2: Coordination

Draft Manual

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

WORK SCHEDULE:

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 5,000	PL	(\$4,097 Federal, \$903 Local)
<u>\$41,000</u>	STP FY 99	(\$32,800 Federal, \$4,100 State, \$4,100 Local)
\$46,000		



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.05 CONDUCT TRANSIT MARKET RESEARCH

OBJECTIVE:

Provide information on transit usage, passenger demographics, and insights into the attitudes and perceptions of passengers, potential passengers, and the general public towards transit services in Miami-Dade County. Barriers to transit use will be extracted from the data. 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 past year included the following studies: “An Assessment of the Attitudes and Concerns of Existing and Potential Metromover Riders”; “Commission District 10 Transportation Study of Transit Patterns”; and “An Assessment of Aventura Mall Bus Riders”. This is a continuing activity.

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 01 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 Origin Destination research using focus groups, telephone surveys, and personal interviews to targeted populations. 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,000 Section 5307 FY 01 (\$20,000 Federal, plus Soft Match)



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.06 ELECTRIC TRANSIT CIRCULATOR FEASIBILITY STUDY

OBJECTIVE:

To assess the feasibility of using electric vehicles as the mode of choice for municipal, neighborhood, and other transit circulator services.

PREVIOUS WORK:

While no general feasibility studies have been conducted addressing electric vehicles for use in transit circulator services, one study (South Beach Electric Shuttle, August/97) for a specific area has been completed: the research, development, and implementation efforts associated with this study ultimately resulted in the "ELECTROWAVE" electric bus shuttle. The ELECTROWAVE remains in operation today, two years after its inauguration.

METHODOLOGY:

The purpose of this study will be to evaluate the feasibility of using electrically powered buses to provide service in selected areas of Miami-Dade County. Findings will be developed, and recommendations produced in a series of technical memoranda detailing the work performed. The following activities will be performed:

Task 1: Organize and Schedule the Study

A study advisory committee (SAC) will be established. The County's Project Manager will be assigned from MPO staff, and membership will be extended to interested parties. A schedule of regular meetings will be drawn up and agreed to by the committee.

A short Technical Memorandum (TM) will be produced documenting Task 1 activities, including the revised Scope of Work..

Task 2: Conduct a Geographic, Vehicle, and Service Suitability Analysis

Task 2.1 Selection of Areas to be Studied and Categorization of Service Characteristics

The characteristics of the potential services, and the environment(s) in which they could operate, will be classified in detail. The areas where electric vehicle transit circulator services are desired, requested, or may be feasible will be nominated and reviewed. Geographic technical and qualitative considerations such as potential service coverage areas, rough estimates of route configurations and lengths, and receptivity of local jurisdictions and populations will be evaluated.

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

The route(s), headway(s), and service span(s) planned for the circulators will be catalogued. Vehicle requirements will be established to meet the scheduled route structure(s) and headway(s).

Task 2.2 Categorization of Vehicle Performance Characteristics: Whether, and how well, service characteristics and operational requirements are compatible with electric vehicle performance capabilities will be evaluated in this task. Technical Memorandum. TM 2, Electric Transit Vehicle Service Suitability, will be produced in draft, distributed to the SAC for review, revised, and redistributed.

Task 3: Conduct a Power Supply Infrastructure Analysis: The distinctive electric vehicle power supply infrastructure requirements, and the capability of the area in which the service is proposed to support such infrastructure, will be analyzed in this task.

Task 4: Conduct a Funding Analysis: The purpose of this task will be to explore funding options. There are precedents for non-transportation agencies (e.g., environmental agencies, social service agencies) and/or the private sector (e.g., electric utility companies, foundations) to assist in fiscally supporting transit services which serve their constituencies. Utilities, environmental agencies, and environmental foundations have contributed to alternative fueled transit vehicle programs in areas that are either non-compliant or in maintenance with respect to air quality emissions standards; Miami-Dade is currently a part of a maintenance airshed area. Social service agencies and foundations have contributed to transit projects and programs that serve to increase mobility options for the transportation-disadvantaged: low income, minority, disabled, or un- or underemployed population subgroups groups. Research will be conducted to investigate funding sources and options for the proposed services, focusing on the employment of electric vehicles as opposed to conventional gas or diesel powered vehicles in service delivery.

Task 5: Develop Recommendations: An overall assessment of the appropriateness of the technology and the receptivity of the community to it for the provision of local transit circulator services will be presented. Recommendations will be developed regarding the feasibility of using electrically powered vehicles to provide service.

END PRODUCTS:

The Final Report, ELECTRIC TRANSIT CIRCULATOR FEASIBILITY STUDY, will be produced. The final report is expected to be a compilation of the previously developed technical memoranda, used as chapters, and an Executive Summary produced to preface the document. Appendices shall be included as needed.

The Executive Summary shall be developed to act as a stand-alone document whose main purpose will be to act as a synopsis of the Study for easy reproduction and wide dissemination to a variety of readers, including local leaders, and the interested general public.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

Metropolitan Planning Organization (MPO)
Florida Department of Transportation (FDOT) - District 6
Miami-Dade Transit Agency (MDTA)
Clean Cities Coalition

WORK SCHEDULE:

2000 Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep

FUNDING:

\$60,000	Section 5303 FY 00	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
<u>\$10,000</u>	Section 5303 FY 01	(\$8,000 Federal, \$1,000 State, \$1,000 Local)
\$70,000		



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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* from data collected by Transit Field Technicians. A process to utilize data from the Computer Aided Design/Automatic Vehicle Locator (CAD/AVL) system is being developed. This information is a major input for the preparation of transit service plans.

METHODOLOGY:

Collect information in the field using by on-board and corner checks, as appropriate, from a subset of Metrobus and Metrorail trips. AVL 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: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$374,000 Section 5307 FY 01 (\$374,000 Federal plus Soft Match)



2001 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 1998 National Transit Database reports and the 2000 transit element of the TIP.*

METHODOLOGY:

1. ***Calibrate*** financial capacity *models* against 1999 conditions based on National Transit Database.
2. ***Update*** the *models* to reflect change in funding sources and the 2001 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,000 Section 5307 FY 01 (\$20,000 plus Soft Match)



2001 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. Monthly *Bus, Park and Ride Lot* occupancy monitoring.
4. Three MDTA *quarterly performance reports*, and one annual report.

PROJECT MANAGER:

Alberto Parjus

PARTICIPATING AGENCY:

Miami-Dade Transit Agency

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$89,000 Section 5307 FY 01 (\$89,000 Federal plus Soft Match)



2001 UNIFIED PLANNING WORK PROGRAM

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. 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:

This is a continuing activity.

- *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*;



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- 4) **Short Range** Transportation Planning;
- 5) **Long Range** Transportation Planning-Project Level Planning;
- 6) **Environmental** Assessment;
- 7) **Station Site** Development; and
- 8) Staff support to the South Florida Regional Transportation Organization.

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 (TCRA)
 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:

2000	Jul	Aug	Sep	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Oct	Nov	Dec

FUNDING:

\$159,000 Section 5307 (\$159,000 Federal plus TCRA Match)

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



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.11 **TRANSIT RIDERSHIP 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:

This is a continuing activity. 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,000 Section 5307 FY 01 (\$20,000 Federal plus Soft Match)



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

2.12 **IMPROVING WELFARE-TO-WORK TRANSPORTATION
PLANNING**

OBJECTIVE(S):

To develop a Geographic Information System (GIS) application for data handling and analyses for determining the mobility needs of the participants in the Work and Gain Economic Self-Sufficiency (WAGES) program. Additionally, this software application will be developed as a transportation planning tool for evaluating innovative and nontraditional transportation services that can be considered in providing mobility alternatives under the Welfare-to-Work (WtW) program.

PREVIOUS WORK:

In December 1998, the Florida International University (FIU) conducted a study titled "Welfare to Work: Transportation Issues and Opportunities in Miami-Dade County" for the Metropolitan Planning Organization (MPO). As a result of this study, the MPO realized the need for developing a more effective and efficient mechanism for both monitoring ongoing program assessment and status, and for evaluating existing and potential new transportation alternatives for participants in the WAGES program. Based on this fact, the Lehman Center for Transportation Research (LCTR) at FIU will conduct this study.

METHODOLOGY:

Task 1: "Literature Research and Review"

LCTR will review and update the "best practices" provided in the original FIU report. This review will also include an analysis of the methods used for data handling and selection of transportation services, as well as the funding sources used for providing these services. LCTR will also search for other locations where WAGES programs have been established and WtW programs have been successfully implemented.

Additionally, LCTR will research the available GIS applications that have assisted other cities in designing transportation services appropriate for the needs of Temporary Assistance for Needy Families (TANF) recipients who wish to access a new job.

Task 2: "Public Involvement"

All work will be coordinated through the MPO Project Manager. LCTR will be responsible to coordinate all work with the MPO to include, but not limited to all other entities related to the development of this study. LCTR will make presentations before the Transportation Planning

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Technical Advisory Committee (TPTAC), the Citizen's Transportation Advisory Committee (CTAC), the Transportation Planning Council (TPC) and the MPO Governing Board as needed.

Task 3: "Data Collection and Database Development"

LCTR will obtain existing data related to the development of this project. The basic database will include but not be limited to location of welfare recipients, major employers, schools, child care centers, job training centers, transit routes (bus and rail), bus stops and train stations.

As part of this task, LCTR will develop a relational database to store the information collected for the difference entities. This database will serve as a base for any application further developed for analyses and presentations.

Task 4: "Development of Application and Analysis"

LCTR will develop analytical tools to evaluate and analyze the transportation needs of the TANF recipients. This will include, but not be limited to: identifying cluster of recipients by area or employer site, identifying transportation alternatives and determining transportation options by group.

These analyses will be presented in maps, tables, charts and/or reports to facilitate the selection of the best mobility alternative for the TANF recipients.

Task 5: "Data Maintenance"

LCTR will install the GIS software developed for this study in one of the MPO's computer. Additionally, written procedures will be prepared for updating and maintaining this GIS software development. This procedure will include a methodical and user-friendly approach for easy understanding of the end users and the appropriate schedule for updating and maintain the data, among other things.

Task 6: Software Documentation and Training"

LCTR will provide all required materials for documentation and training. This includes manuals, flowcharts, visual presentations, and software documentation to key MPO and WAGES staff.

END PRODUCTS:

A final report will be prepared including technical and administrative recommendations regarding software and hardware requirements, local responsibility for using the software developed in this study, staffing (number of persons and qualifications) for operating this application, as well as any suggestions for upgrading and maintaining the data files. Additional recommendations shall be made

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

for future expansion and application of this software development, and incorporation of other entities into this process.

PROJECT MANAGER:

Clinton Forbes

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:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

\$ 5,000	Section 5303 FY 01	(\$4,000 Federal, \$1,000 State, \$1,000 Local)
\$15,000	Section 5303 FY 00	(\$12,000 Federal, \$1,500 State, \$1,500 Local)
<u>\$30,000</u>	STP FY 00	(\$22,500 Federal, \$3,750, State \$3,750, \$3,750 Local)
\$50,000		



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

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. During the FY 2000 program a consultant was selected.

PREVIOUS WORK:

In 1996, the MPO conducted a *Freight Movement Study for Miami-Dade County*. This study was a general countywide effort and was primarily oriented towards characterizing freight movement and trucking characteristics, identifying corridors most used by trucks, and developing a method to model and forecast truck traffic. The Airport West Transportation Management Initiative (AWTMI) is specific study. The airport west area is characterized by a large number of trucking companies that provide services to the Miami International Airport (MIA). This area experiences a high percentage of heavy truck traffic throughout the day. 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. During the FY 2000 year, consultant selection process was initiated to complete this study.

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 photographs 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. Task also includes sampling surveys of truck drivers and businesses to identify routes, service hours, type of goods transported within area, truck specifications, and additional deficiencies in the area. Area traffic counts and vehicle classification counts will be compiled from existing databases. Finally, this task includes compiling current design standards for intersections, driveways and traffic signal indications used by Miami-Dade County and other municipal jurisdictions.

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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: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING: \$30,000 Section 5303 FY 00 (\$24,000 Federal, 3,000 State, \$3,000 Local)
 \$ 5,000 Section 5303 FY 01 (\$4,000 Federal, \$500 State, \$500 Local)
 \$35,000



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

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. Selection process was initiated to complete this study.

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.

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



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

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

PROJECT MANAGER: Jesus Guerra

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 FY 01 (\$12,000 Federal, \$1,500 State, \$1,500 Local)
\$120,000 STP FY 00 (\$90,000 Federal, \$15,000 State, \$15,000 Local)
\$135,000



2001 UNIFIED PLANNING WORK PROGRAM

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*.

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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:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

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



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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.16 TRANSIT CONTRAFLOW FEASIBILITY ASSESSMENT STUDY

OBJECTIVE(S):

To evaluate the feasibility of a bus transit contraflow facility in Miami-Dade County, and to select and recommend a specific highway or highway corridor for further study and implementation.

PREVIOUS WORK:

Bus priority lanes were operated in the early to mid 1970s on Dade County arterials, and a bus and peak period carpool contraflow lane was established on South Dixie Highway/US 1 between South Miami and North Coconut Grove. However, the bus priority lanes along NW 7th Avenue were only a demonstration study that was not made permanent, and the US 1 contraflow lanes were a pre-Metrorail project that was discontinued with the opening of urban rail services in the corridor in 1984. Since that time, no transit-priority or contraflow lanes have been implemented in Miami-Dade County.

METHODOLOGY:

TASK 1: Study administration. Establish study advisory committee and conduct periodic meetings.

TASK 2: Literature Research. Research past Dade County efforts, research current efforts and characterize contraflow lanes now operating in the US, research and characterize international contraflow lanes, and summarize important points.

TASK 3: Review and evaluation of the following short list of possible contraflow corridors;

- I-95 Corridor (Golden Glades Interchange to State Road 112)
- Biscayne Boulevard (Central Business District to NW 163rd Street)
- Miami Avenue/NE/NW 2nd Avenue Corridor (CBD to N 163rd St)
- NW 36th/41st Street (Biscayne Blvd to NW 107th Avenue)
- SW 8th Street (SR 826 to SW 137th Ave)
- HEFT/Turnpike (SR 836 to SW 88th St)

Evaluate candidates: discover fatal flaws; estimate existing and potential transit use; compile facility traffic characteristics and roadway characteristics, review local land use characteristics, rate and rank candidates.

TASK 4: Assess the feasibility of implementing transit contraflow by corridor and establish requirements for implementation.

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK 5: Develop Recommendations.

END PRODUCTS:

Technical Memoranda
Executive Summary
Final Report
Maps, Charts, Graphs, Diagrams, and Other Presentation Material as Needed
Final Report will be developed on electronic media (disk or CD)

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

Metropolitan Planning Organization for the Miami Urbanized Area
Miami-Dade Expressway Authority
Florida Department of Transportation - District Six
Miami-Dade Transit Agency (MDTA)

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$50,000 Section 5303 FY 00 (\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$10,000 Section 5303 FY 01 (\$8,000 Federal, \$1,000 State, \$1,000 Local)
\$60,000



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.17 TRANSIT LEVEL OF SERVICE (LOS) STUDY

OBJECTIVE:

Prepare a Transit LOS assessment for Miami-Dade County Urbanized Area according to the Transit Capacity and Quality of Service Manual as prescribed by the Florida Department of Transportation (FDOT).

PREVIOUS WORK:

This is a new activity required by FDOT. This effort will supplement the transit needs assessment for the Transit Development Program (TDP) update as part of the Short Range Transit Planning Element number 2.02.

METHODOLOGY:

1. Assess the service frequency LOS in the A.M. peak period for stops on inbound local bus service and on fixed guideway service.
2. Assess the hours of service LOS for weekdays for each local bus route and fixed guideway line.
3. Assess the weekday service coverage LOS on local, bus, fixed guideway, and Special Transportation Services.
4. Assess the passenger load LOS at the maximum load point on the A.M. peak period for local express bus, and on fixed guideway services.
5. Assess transit system on-time performance.
6. Assess the transit/auto travel time LOS at the A.M. peak period on bus and fixed guideway services.

END PRODUCT:

2001 Transit LOS Analysis Study

PROJECT MANAGER:

Wilson Fernandez

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OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

PARTICIPATING AGENCIES:

Metropolitan Planning Organization for the Miami Urbanized Area
Florida Department of Transportation - District Six
Miami-Dade Transit Agency (MDTA)

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$25,000	Section 5307 FY 01	(\$20,000 Federal, \$2,500 State, \$2,500 Local)
<u>\$25,000</u>	PL	(\$20,483 Federal, \$4,517 Local)
\$50,000		





Objective C

**INTERMODAL TRANSPORTATION
PLANNING**

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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 (NO_x) 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. Inter-MPO consultation, in the form of an ***Inter-MPO Consultation Committee***, has been conducted among the three MPOs (Palm Beach, Broward, Miami-Dade) and the State in the coordination of plans and programs required by Section 1024 of the Intermodal Surface Transportation Efficiency Act of 1991 (section 134 (e) of Title 23 U.S.C.). Coordination of regional issues related to the Florida Motor Vehicle Inspection Program (MVIP) with the Florida Metropolitan Advisory Council (MPOAC).

METHODOLOGY:

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

1. ***Prepare data.*** All long range plan ***proposed improvements*** and approved and funded transportation projects included in the FY 2001-2005 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:



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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 TEA-21 requirements.



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END PRODUCTS:

1. Fully *updated highway and transit networks Vehicle Miles Traveled* (VMT's) report.
2. Fully *updated highway and transit networks emission output reports*.
3. *Conformity Air Quality Assessment* on the Year 2025 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
Florida's Turnpike District
Tri-County Commuter Rail Authority (TRI-RAIL)
Miami-Dade Expressway Authority (MDX)

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 30,000	STP FY 01	(\$22,500 Federal, \$3,750 State, \$3,750 Local)
<u>\$ 60,000</u>	PL112	(\$49,158 Federal, \$10,842 Local)
\$ 90,000		



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TASK NUMBER AND TITLE: Project carried forward from FY 2000 program and added to current program.

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. During the FY 2000 Program, consultants were selected to perform these same type of functions.

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



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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.

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:

Examples that have been proposed are: “Public Involvement Program Effectiveness Evaluation”, “Linking Transportation Operations Control Centers in Miami-Dade County”, “Waterborne Transportation Opportunities”, “ITS Applications in Paratransit Services”, “Freight Movement Study Update”, “MPO Transportation Database Implementation Project” and “Commission District 1 Transportation Needs Study”. 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 145,000	PL 112	(\$118,799 Federal, \$26,201 Local)
\$ 70,000	STP FY 98	(\$56,000 Federal, \$7,000 State, \$7,000 Local)
<u>\$ 190,000</u>	STP FY 01	(\$142,500 Federal, \$23,750 State, \$23,750 Local)
\$405,000		



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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 seven years. Some of the *projects* CUTR has *completed* in the past year *included*: *A review of the sources of revenue for large transit systems in the United States; assistance in implementing automatic check-in devices for bus operators and instituting real-time monitoring and reporting on the status of bus availability;* recommendations on the *establishment of a "Group Supervisors" program* in Bus Operations; and a review of the projected revenues and expenditures from a one-cent sales tax in Miami-Dade County.

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. *Development of a five year rehabilitation plan for the MDTA rail fleet*, including recommendations on what work should be done "in-house" versus contracted out with specific schedules and budgets for all major components of the rail system including vehicles, track and guideway.
2. A report on how to *establish "universal pass" programs* in Miami-Dade County to encourage greater ridership and revenue from greater utilization of the transit system by college students through use of pre-paid fares resulting from agreements between the county and the universities/colleges.
3. Providing information on what other transit agencies throughout the country are doing to increase revenues and decrease costs.

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PROJECT MANAGERS:

Joel Volinski
Mario G. Garcia

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 2000 Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$100,000 Section 5307 FY 01 (\$100,000 Federal plus Soft Match)



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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.04 COMPREHENSIVE BICYCLE/PEDESTRIAN PLANNING PROGRAMS

OBJECTIVE(S):

Increase the amount of walking and bicycling.

Decrease the number of bicycle and pedestrian crashes.

Raise awareness of walking and biking opportunities in Miami-Dade County

PREVIOUS WORK:

1. Existing Plans and Policy: *Miami-Dade MPO Bicycle Facilities Plan, South Dade Greenways Network Master Plan, North Dade Greenways Study, Greenways Management and Maintenance Study and the 1.5% Set-aside Policy (dedication of 1.5% of surface transportation funds for bicycle-pedestrian projects):*

2. Project Development: Support provided for the ongoing development of projects including:
Design of the South Dade Greenways Network by MDPW
Design of the South Dade Trail Extension as part of the US-1 Busway Extension by MDTA
Design of improvements to the Rickenbacker Causeway by MDPW
Planning of the FPL Easement Trail by MDPW
Planning the Indian Creek Greenway Master Plan by the City of Miami Beach
Planning the Miami River Master Plan by the Miami River Commission
Planning of a citywide bike network by the City of North Miami Beach
Design of the FIU-Oleta River State Recreation Area Greenway by the City of North Miami
Planning of the “TPC Top 10 Non-Motorized Recommendations” projects
Planning of the City of South Miami’s FEC/Ludlum Trail

3. Bike-and-Ride Program: Administration of the bicycle locker rental program and assistance to MDTA in the development and marketing of the Bike-and-Ride program.

4. Public Involvement: Information provided to the public, local governments and the media on safety, existing and proposed facilities, and programs. The MPO’s Bicycle-Pedestrian Advisory Committee (BPAC) staffed by preparation of agendas and minutes, response to Committee requests and coordination of meeting presentations. Staff participates in the Miami-Dade County Safe Kids Coalition, Injury Prevention Coalition and Community Traffic Safety Teams.

5. Pedestrian Safety Program: Staff are using grant funds provided by the University of North Carolina Highway Safety Research Center and the FDOT Safety Office to identify high pedestrian crash locations and behaviors and develop countermeasure strategies in cooperation with local governments.

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

METHODOLOGY:

TASK 1 - *Bicycle Planning*: Work with the BPAC, TIP Development Committee and implementing agencies to develop projects from the Bicycle Facilities Plan. Participate in the review of advanced notifications and project plans.

TASK 2 - *Pedestrian Planning*: Implement community outreach and education strategies to reduce the number of pedestrian crashes.

TASK 3 - *Comprehensive Programs*

Administration

- a. Provide staff support for the BPAC.
- b. Purchase replacement vehicle for Bicycle/Pedestrian program.

Education

- a. Distribute of safety education material by request to the public and through the Safe Kids Coalition, Injury Prevention Coalition and Community Traffic Safety Teams.
- b. Provide engineering and design standards to professionals.

Encouragement

- a. Administrate the bicycle locker program
- b. Assist MDTA with the development and marketing of the Bike-and-Ride program.
- c. Distribute maps and other information on walking and bicycling in Miami-Dade County.

Enforcement

- a. Maintain records of non-motorized transportation crashes for future analyses.

Engineering

- a. Work with planning and implementing agencies to develop projects identified in the Bicycle Facilities Plan, South and North Dade Greenways Plans and any new project proposals. Miami-Dade County's Planning & Zoning and Public Works Depts., FDOT, local municipalities and private developers.

END PRODUCTS:

Pedestrian Safety Program: Development and distribution of safety material targeted to high pedestrian crash locations and populations.

Bicycle Planning: Support and coordination of greenway and trail development.

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Comprehensive Program: Continuation of Administrative, Educational, Encouragement, Enforcement and Engineering activities. Replacement vehicle for Bicycle/Pedestrian program..

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation
Miami-Dade County Public Works

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

\$134,000	PL 112	(\$109,786 Federal, \$24,214 Local)
<u>\$ 28,000</u>	STP FY 01	(\$21,000 Federal, \$3,500 State, \$3,500 Local)
\$162,000		



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TASK NUMBER AND TITLE:

3.05 IMPROVING REGIONAL TRANSPORTATION PLANNING

OBJECTIVE(S):

Improve a regional transportation planning process to become 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:

During FY 2000 Council staff actively participated in the *South Florida Regional Transportation Organization (SFRTO)*, including *Eastward Ho!* an urban infill endeavor to revitalize the eastern portion of the Miami-Dade, Broward and Palm Beach counties. This is a continuing activity.

METHODOLOGY:

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

1. *Continue 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 Technical Advisory Committee for the Regional Transportation* 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 charrettes as appropriate.

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

The Multimodal Regional transportation Systems Committee was formed in February 1992. There are two major objectives of the committee. The first is to enhance the intergovernmental 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 2001. 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:

Annual Report consolidating Fiscal Year 2001 SFRPC's planning activities.



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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

PROJECT MANAGERS:

Ping Chang (SFRPC)
Terrence Taylor (MPO)

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation District VI

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

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



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TASK NUMBER AND TITLE:

3.06 **DOWNTOWN MIAMI TRANSPORTATION MASTER PLAN**

OBJECTIVE:

To develop a Miami Downtown Transportation Master Plan. Three major subareas define the Downtown Core: Omni-Park West in the north, the centrally situated Central Business District, and the Brickell District in the south. For this study, the Downtown will be considered as extending from I-195 on the north to SW 26th Road in the south, bordered on the east by Biscayne Bay, and by I-95 on the West. Both the Port of Miami and Claughton Island will be included in the study area.

PREVIOUS WORK:

No known, unified, comprehensive Downtown-spanning transportation master plan has been performed to date. The 2020 Long Range Transportation Plan, City of Miami Master Plan, Port of Miami Connector Study, DDA Sponsored downtown traffic studies, and the City of Miami parking studies and plans have addressed various facets of the Downtown transportation system.

METHODOLOGY:

Task 1: Study Administration

- 1.1 Set the study schedule of tasks, meetings, presentations and milestones.
- 1.2 Establish Activity Reporting Requirements
- 1.3 Conduct Periodic Public Meetings

Task 2: Conduct Methodolical Research

- 2.1 Review of visions or visioning exercises and goals and objectives
- 2.2 Review and recommendation of evaluation methods, and evaluation criteria, measures and standards
- 2.3 Review methods of analysis

Task 3: Analytic tool and process: acquisition, setup and calibration

- 3.1 Model acquisition, installation and application testing
- 3.2 Model calibration and validation

Task 4: Development of a future year base case

- 4.1a Development of downtown growth scenarios and the future year baseline
- 4.1b Development of horizon year downtown travel demand
- 4.1c Development of the baseline future year downtown transportation network
- 4.2 Development of the baseline future year travel forecast

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4.3 Identification of future year problems

Task 5: Review current and previous downtown master planning efforts.

5.1 Local Miami Downtown Transportation Improvement Initiatives and other national generic downtown transportation masterplans and improvement efforts.

5.2 Development of solutions and options

Task 6: Characterization of alternatives/scenario testing

6.1 Transportation impacts from the following list of indicators which are not all inclusive:
Vehicle Travel Measures, Person Travel Measures and Other Transportation Measures.

6.2 Economic impacts

6.3 Social/cultural impacts

6.4 Environmental effects

6.5 Growth and land use considerations

6.6 Constructability considerations

6.7 Fiscal impacts

Task 7: Evaluation of proposals and development of recommendations

7.1 Assess advantages and disadvantages of proposals

7.2 Rate and rank proposals

7.3 Develop recommendations

END PRODUCTS:

The Miami Downtown Transportation Master Final Report and Executive Summary
Maps, charts and other presentation material will be developed in print and on preferable electronic media insofar as feasible and cost effective.

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

City of Miami

Miami-Dade County Metropolitan Planning Organization

Florida Department of Transportation

Miami Dade County Public Works

Department of Environmental Resource Management

Miami-Dade Transit Agency

Miami-Dade Planning and Zoning Department

Downtown Development Authority



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Greater Miami Chamber of Commerce
Miami River Committee
Miami River Marine Group
United States Coast Guard

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

\$120,000	PL112	(\$98,316 Federal, \$21,684 Local)
\$ 10,000	Section 5303 FY 01	(\$8,000 Federal, \$1,000 State, \$1,000 Local)
\$ 30,000	Section 5303 FY 00	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$200,000	“D” Funds FY 01	(\$200,000 State)
\$ 35,000	STP FY 99	(\$28,000, Federal \$3,500 State, \$3,500 Local)
\$135,000	City of Miami	(\$135,000 City of Miami)
<u>\$100,000</u>	Local Funds	(\$100,000 Local funds Miami-Dade County)
\$630,000		



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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

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, but are not limited to, during FY 2000:

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. 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.



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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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan* Feb Mar Apr May Jun

* CMAQ funding for demonstration program ends in January 2001. Funds may be extended.

PROJECT MANAGER:

Jesús Guerra

FUNDING:

\$10,000	Section 5303 FY 01	(\$8,000 Federal, \$1,000 State, \$1,000 Local)
<u>\$40,000</u>	STP FY 97	(\$32,000 Federal \$4,000 State, \$4,000 Local)
\$50,000		



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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.08 **PEDESTRIAN PLAN FOR MIAMI-DADE COUNTY AND BICYCLE SUITABILITY MAP**

OBJECTIVE(S):

*Calculate Bicycle and Pedestrian Levels of Service
Develop a new Bicycle Suitability Map for Miami-Dade County..*

PREVIOUS WORK:

1. 1992: "Bike Miami" Suitability Map developed
2. 1995: Bicycle Facilities Plan adopted. The plan includes an evaluation of roadway quality based on variables including the traffic speed, volume, and width of the outside lane. A GIS database was developed to manage and analyze the data. The GIS software has recently been upgraded to ArcView version 3.2, and the MPO has acquired a large-format inkjet plotter.
3. 1999: A roadway suitability methodology developed by Sprinkle Engineering is selected by FDOT for further development as a tool for calculating bicycle and pedestrian levels of service.

METHODOLOGY:

A consultant will be engaged to complete the following tasks:

TASK 1 - Review FDOT/SCI methodology for calculating bicycle and pedestrian levels of service (BLOS/PLOS). Evaluate the compatibility of the existing MPO GIS database with the BLOS and PLOS models.

TASK 2 - Perform necessary data collection for variables needed to run BLOS and PLOS models. This will include (for the BLOS model) the most recent traffic counts, the width, pavement quality and speed limit of roads improved since 1995. For the PLOS model, the necessary variables are the lateral separation and presence of barriers between pedestrians and motor vehicles, the outside lane volume, and speed limit. Emphasis will be given to roadways that serve schools.

TASK 3 - Run GIS model to calculate the BLOS and PLOS.

TASK 4 - Draft and final reports. The final reports should describe the existing conditions for bicycling and walking as measured by the BLOS and PLOS models. Recommendations should be made for identifying and prioritizing future improvements using these models.

TASK 5 - Design the layout of the new Bike Miami 2001 map. Includes base map selection, development of supplemental information, and preparation of electronic version for inclusion in the MPO web site.

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK 6 - Public Involvement. Use the Bicycle/Pedestrian Advisory Committee to review the model results and map layout.

TASK 7 - Reproduction and distribution of map. Make the electronic version of the map available through the MPO web site.

END PRODUCTS:

Bicycle Facilities Plan Roadway Conditions Report: Report on roadway conditions for bicyclists.

Pedestrian Facilities Conditions Report: Report on pedestrian level of service results.

Bicycle Miami 2001 Map: Printed version distributed through bike shops and other outlets for sale to the public. Electronic version available through MPO web site.

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep

PROJECT MANAGER:

David Henderson

FUNDING:

\$ 20,000	PL 112	(\$13,386 Federal, \$3,614 Local)
<u>\$150,000</u>	STP FY 01	(\$112,500 Federal \$18,750 State, \$18,750 Local)
\$170,000		



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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.09 HOMETOWN INTERMODAL TRANSPORTATION STUDY

OBJECTIVE:

The purpose of this study is to reevaluate earlier transit-related studies concerning the City of South Miami's central business district, locally referred to as the Hometown District, and develop a multimodal mobility plan, which provides for convenient and efficient use of motorized and non-motorized transportation. The Hometown District, a triangular area bounded by US 1, Red Road, and SW 74th Terrace, is built around its main street, Sunset Drive, and is within 300 feet of the South Miami Metrorail Station. The study area will include approximately $\frac{3}{4}$ mile catchment area around the South Miami Metrorail station to include, but not limited to, the Hometown District, the Transit Oriented Development District and major trip generators. The study will address such issues as the performance of the downtown circulator, vehicular circulation and parking, pedestrian/bicyclist movements, and public transportation, resulting in short and long term strategies for implementation of the resultant plan.

PREVIOUS WORK:

In 1993, the City of South Miami, downtown property owners, merchants, citizens and consultants conducted a visioning session for the downtown entitled the Hometown Charrette, which created an end product known as the Hometown Plan. The Plan's primary purpose was, and is, to enhance South Miami's community identity and sense of place through the development and design of functional and efficient public spaces. The plan is comprehensive in nature, envisioning alternative routes and modes.

METHODOLOGY:

1. Data Collection and Analysis

Data will be collected and analyzed in order evaluate current usage and identify needed improvements, including, but not limited to, capacity, safety, and aesthetics. Additionally, consideration will be given to concurrent or future projects such as the pedestrian overpass linking the Hometown district with the South Miami Metrorail Station.

2. Determination of Needs

Based on the results of the data collection and analysis, a number of short and long-term strategies will be evaluated in order to increase the usage of mass and non-motorized transportation and maximize the efficiency of all transit within the City's Hometown District.

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OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

3. Establish an Improvement Evaluation Program

An ad-hoc committee will be established consisting of the City's Planning Board, Environmental Review & Preservation Board, interested citizens, and staff in order to determine the effectiveness of the recommended improvements before and after implementation.

4. Preparation of an Implementation Plan

A detailed implementation plan will be developed to outline the desired course of action. The plan will include estimated costs and schedule.

END PRODUCT:

Bicycle Facilities Plan Roadway Conditions Report: Report on roadway conditions for bicyclists.

Pedestrian Facilities Conditions Report: Report on pedestrian level of service results.

Bicycle Miami 2001 Map: Printed version distributed through bike shops and other outlets for sale to the public. Electronic version available through MPO web site.

WORK SCHEDULE:

2000	Jul	Aug	Sep	<u>Oct</u>	Nov	Dec
2001	<u>Jan</u>	Feb	Mar	Apr	May	Jun

PROJECT MANAGER:

Subrata Basu
Susan Schreiber

FUNDING:

\$75,000 Section 5303 FY 01 (\$60,000 Federal, \$7,500 State, \$7,500 Local)





Objective D

**TRANSPORTATION PLANNING
DECISION MAKING AND
FUNDING**

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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.

2001 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 2001 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: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,000	Section 5303 FY 01	(\$16,000 Federal, \$2,000 State, \$2,000 Local)
<u>\$50,000</u>	PL112	(\$40,965 Federal, \$9,035 Local)
\$70,000		



2001 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. Provide direct Staff support to MPO Board members and respond to concerns of 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 members.
- 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 South Florida Regional Transportation Organization, High Speed Rail and the Miami-Dade County Expressway Authority (MDX). Serve on the Miami-Dade County Development Impact Committee.
 4. Work with SFRPC on issues pertaining to transportation requirements of the State Growth Management Legislation and other related regional issues.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

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: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 32,000	Section 5303 FY 01	(\$25,600 Federal, \$3,200 State, \$3,200 Local)
\$ 80,000	PL112	(\$65,544 Federal, \$14,456 Local)
<u>\$ 50,000</u>	Section 5307 FY 01	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$162,000		



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.03 UPWP DEVELOPMENT

OBJECTIVE(S):

Maintain a multimodal planning program that responds to ongoing community transportation needs to the most critical transportation service delivery issues.

PREVIOUS WORK:

This is a *continuing activity*.

METHODOLOGY:

Prepare the FY 2002 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 2002 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 02 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.

2001 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 2002 UPWP
2. Review Draft of the FY 2002 UPWP
3. *Final MPO Adoption of the FY 2002 UPWP*

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.04 TRANSPORTATION IMPROVEMENT PROGRAM

OBJECTIVE(S):

Maintain a formal and current 5-Year *Transportation Improvement Program (TIP)* consistent with long-range planning activities and with statutory requirements. The TIP is the staged, intermodal program of transportation improvement projects for the metropolitan planning area developed pursuant to 23 CFR 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.

2001 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 multimodal *Transportation Improvement Program (TIP) document* for Fiscal Year 2000/2001, with forecasts of needs through 2005.

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)
Florida's Turnpike District
Tri-County Rail Authority

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>

FUNDING:

\$ 60,000	Section 5303 FY 01	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
\$140,000	PL112	(\$114,702 Federal, \$25,298 Local)
<u>\$ 50,000</u>	Section 5307 FY 01	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$250,000		



2001 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:

During FY 2000, in addition to all of the below citizen involvement activities, the MPO held three 2020 Long Range Transportation Plan Workshops which were televised. This element 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.*

2001 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, 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 ongoing 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



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 50,000	Section 5307 FY 01	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
<u>\$145,000</u>	PL112	(\$118,798 Federal, \$26,202 Local)
\$195,000		

2001 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 Resolutions
3. TPC Summary Minutes
4. ***TPTAC Agendas*** and back-up materials
5. Compilation and distribution of information and documentation, as appropriate.

PROJECT MANAGER:

Henry F. Sorí

2001 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 40,000	Section 5303 FY 01	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
<u>\$ 60,000</u>	PL112	(\$49,158 Federal, \$10,842 Local)
\$100,000		



2001 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, Alternative Transportation Options for Medicaid (ATOM) 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.
- h. Work closely with the WAGES Coalition to design and implement cost-efficient transportation for individuals working unconventional shifts at locations previously unserved by conventional transportation.

PREVIOUS WORK:

The Medicaid Metropass Program instituted in May, 1993 has generated a savings to Medicaid in excess of \$31 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 \$250,000, 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 99/00.

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 \$1,500,000 in new revenue for transit, and received National Association of Counties Achievement Award.

2001 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. Received \$1.7 million from Florida Department of Transportation High Speed Rail funds to implement 4 new WAGES routes scheduled for implementation in June 2000.

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**

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

6. A package of materials describing *"How to develop a Medicaid Metropass Program."*
7. Annual Budget Estimate.
8. *"WAGES"* Transportation Component for Miami-Dade County.

PROJECT MANAGER:

Sheila Winitzer

PARTICIPATING AGENCIES:

Miami-Dade Transit Agency
Metropolitan Planning Organization

WORK SCHEDULE:

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

FUNDING:

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



2001 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):

1. Conduct a benchmark audit to identify outstanding issues regarding ADA compliance.
2. Recommend solutions, set priorities, and develop plans to address outstanding compliance issues.

PREVIOUS WORK:

1. Attended meetings and provided technical support to organizations that address transportation issues, including the Miami-Dade Commission on Disability Issues (CODI), the Citizen's Transportation Advisory Group (CTAC) and the Special Transportation Services (STS) Rider's Group.
2. Conducted review of ADA paratransit brokerage contract. Provided guidance regarding service and issues related to the new contract with the broker.
3. Participated in planning meetings related to the extension of the Busway
4. Reviewed policies and procedures regarding stop and vehicle identification announcements.
5. Participated in planning the removal and temporary replacement of detectable warning signs on station platforms.

METHODOLOGY:

1. Conduct an audit of all MDTA policies, facilities, programs and services, including but not limited to, practices regarding lift use and maintenance, stop announcement on fixed route buses, access to information including signage issues, path-of-travel issues to and from transit stops, training of fixed route and paratransit operators and other transit personnel, examination of capacity constraints in paratransit service including factors such as missed and late trips, trip length, priority setting as it relates to subscription trips and telephone contacts.
2. Develop a list of critical issues, identify resources, and work with operational management to develop priorities and timetables.
3. Provide technical support as needed.
4. Develop monitoring techniques and progress reporting mechanisms.
5. Full compliance with voluntary compliance agreement entered into by MDTA and the Federal Transit Administration regarding accessibility of Metrorail and Metromover "key stations".
6. Transition individuals with disabilities capable of utilizing fixed route service from more expansive paratransit service to Metrobus, Metrorail or Metromover.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

END PRODUCTS:

Benchmark audit report of all MDTA programs, services and facilities.
Compliance report with timetable and budget.

PROJECT MANAGER:

Silvia Crespo Tabek

PARTICIPATING AGENCY:

Miami-Dade Transit Agency

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$60,000 Section 5307 FY 01 (\$60,000 Federal plus Soft Match)



2001 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* was in *FY 1999*. During this fiscal year, a minor submission was required. This update will require updating some of all the required tables where significant changes have occurred.

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:

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

PROJECT MANAGERS: Mario G. Garcia

PARTICIPATING AGENCY:

Miami-Dade Transit Agency

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$30,000 Section 5307 FY 01 (\$30,000 Federal plus Local Match)



2001 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

2001 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:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$10,000 Section 5303 FY 01 (\$8,000 Federal, \$1,000 State, \$1,000 Local)



2001 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 AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 50,000	Section 5303 FY 01	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
<u>\$ 85,000</u>	PL112	(\$69,640 Federal, \$15,360 Local)
\$135,000		



2001 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):

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 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. *Develop estimated costs for needed improvements, evaluate financial resources, and recommend implementation schedules.*
3. *Prepare work orders* for construction of needed improvements.

END PRODUCTS:

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

PROJECT MANAGERS:

Maggie Tawil, P.E.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
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2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program and added to existing work.

4.13 MUNICIPAL GRANT PROGRAM

OBJECTIVE(S):

Encourage Miami-Dade County municipalities to participate in a *competitive program for the performance* of relevant *transportation planning studies*.

PREVIOUS WORK:

Completed *City of Aventura Municipal Public Transportation study and the City of Hialeah Circulator Services Study under the FY 98 program*. Completed the South Miami *Pedestrian Overpass Study*, the *Aventura Municipal Public Transit Study Phase II* and the *North Miami Beach Circulator Services Study Phase II* during the FY 99 program. During the FY 2000 program, the Cities of Miami Beach, Coral Gables, N. Miami Beach and North Miami were awarded funds to complete their respective studies. However, the County's legal council advised that the MPO enter into interlocal agreements with each of the awarded studies. This request has delayed all awarded projects and have been carried forward to this FY 2001 program's year. Thus, the increase in funding for this element as appropriate.

METHODOLOGY:

Approaches proposed by municipalities to plan for transportation improvements stressing community-based methods and cost-effective solutions. Quarterly progress reports will be required before any allocation reimbursement can be approved. A formal presentation of the end-product and findings of the study will be required before CTAC, TPTAC and the TPC.

END PRODUCTS:

Selected studies from cities through the competitive process.

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Selected Municipalities



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

Florida Department of Transportation - District 6

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
2001	<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:

\$115,000	STP FY 00	(\$86,250 Federal, \$14,375 State, \$14,375 Local)
\$ 35,000	Section 5303 FY 00	(\$28,000 Federal, \$3,500 State, \$3,500 Local)
\$ 10,000	PL112	(\$8,193 Federal, \$1,807 Local)
\$ 50,000	Section 5303 FY 01	(\$40,000, Federal, \$5,000 State, \$5,000 Local)
\$100,000	STP FY 01	(\$75,000 Federal, \$12,500 State, \$12,500 Local)
<u>\$ 75,000</u>	Municipal Match	(\$75,000 Participating Cities)
\$385,000		



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE:

4.14 PUBLIC INFORMATION PROGRAM

OBJECTIVE:

Prepare informational materials and conduct activities to meet MPO public involvement program requirements and *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. Products developed during the FY 2000 program included the MPO Annual Newsletter Report, MPO Informational Packet, Quarterly Newsletters and the Long Range Transportation Plan Brochure.

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, layout 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.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

3. The development of *audio and/or video projects*, including recording, editing, mastering, and reproduction.

4. The *organization, scheduling, and supervision of meetings and conferences* for the general public and specific user, neighborhood, or professional groups, 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 as shown in the aforementioned methodology.

PROJECT MANAGER:

Irma San Roman

PARTICIPATING AGENCY:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE:

2000 Jul Aug Sep Oct Nov Dec
2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 140,000	PL112	(\$114,702 Federal, \$25,298 Local)
<u>\$ 23,429</u>	STP FY 01	(\$17,571 Federal, \$2,929 State, \$2,929 Local)
\$163,429		



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

TASK NUMBER AND TITLE: Project carried forward from FY 2000 program

4.15 **LOCAL TRANSIT CIRCULATOR STUDY**

OBJECTIVE:

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:

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

During the FY 2000 program the consultant selection process was initiated to perform this study.

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;

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE D: TRANSPORTATION PLANNING DECISION MAKING AND FUNDING

- Links to County transit local circulators and other transit services beneficial to maximize effectiveness and mobility improvements of circulators (transfer points).
- 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

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

FUNDING:

\$10,000	PL112	(\$8,193 Federal, \$1,807 Local)
<u>\$75,000</u>	Section 5303 FY 00	(\$60,000 Federal, \$7,500 State, \$7,500 Local)
\$85,000		





Objective E

STATE PLANNING PROGRAM

2001 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 2000-2001, beginning July 1, 2000 and ending June 30, 2001 follows. **Please see the UPWP glossary for a list of acronyms.**

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.

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

ESTIMATED COSTS FOR 2000-01 ACTIVITIES

Part I

Part III-A

Participating
\$572,00

Non-Participating
\$18,000

Data collection: includes transportation statistics activities such as traffic counts, roadway classification, vehicle classification, Level of Service, pavement condition reporting, data collection, mapping, GIS activities, CADD and others. Although there are certain required reporting dates, these are continuing activities without specific end dates.

Financial Management Number: 403488-1-11

ESTIMATED COSTS FOR 2000-01 ACTIVITIES

Part I

Part III-A

Participating
\$444,000

Non-Participating
\$15,457



2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Special planning projects: includes bicycle-pedestrian and scenic highway activities. Although there are certain required reporting dates, these are continuing activities without specific end dates. Financial Management Number: 403489-1-11

ESTIMATED COSTS FOR 2000-01 ACTIVITIES

Part I	Part III-A
Participating \$397,000	Non-participating \$15,000

OBJECTIVE(S):

See Section, II, III and IV.

PREVIOUS WORK:

See Section, II, III and IV.

METHODOLOGY:

See Section, II, III and IV.

PRODUCTS:

See Section, II, III and IV.

PROJECT MANAGER:

Jo Laurie Penrose, District Six SPR Coordinator

PARTICIPATING AGENCIES:

See Section, II, III and IV.

WORK SCHEDULE:

See Section, II, III and IV.

FUNDING:

See Section, II, III and IV.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Section II

TRANSPORTATION PLANNING

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.

PREVIOUS WORK:

Work included 10 Development of Regional Impact reviews and 21 local government comprehensive plan reviews to date in FY '00.

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, growth management review letters and reports.

PROJECT MANAGER: Phil Steinmiller

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$69,625 participating, \$1,250 non-participating.

2001 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:

Completed and disseminated I-95 Multimodal Corridor Plan study to District offices.

Field reviewed interim operational improvements from the I-95 Multimodal Corridor Plan with the FDOT Traffic Operations Office and prepared scope and cost estimate for follow-up public involvement and cost estimate activities by Consultant.

Completed and disseminated the Krome Avenue Action Plan and provided guidance on its features to citizens and District offices.

Completed the SR 836 Toll Alternatives Study in anticipation of Miami-Dade sales tax increase and provided guidance on its features to District offices.

Completed Consultant selection and scope development for the Golden Glades Multimodal Facility Study, coordinated leasing arrangement between Greyhound Bus Co. and Right of Way Administration, programmed study funding, and relegated project management to FDOT's Public Transportation Office.

Disseminated remaining documentation of I-195 Planning/Environmental study to PD&E and responded to City of Miami status inquiries.

METHODOLOGY:

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.

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.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

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:

Chris Dube

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$69,625 participating, \$1,250 non-participating.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

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

OBJECTIVES:

Participate in reviewing new Florida Transportation Plan (FTP) draft document.
Support statewide planning and public involvement programs.
Develop District continuing public involvement program.

PREVIOUS WORK:

Distributed 1999 Short-Range Component of the FTP
Participated in FTP advisory committees charged with generating the new 2020 FTP update
Developed the District 6 public involvement plan.

METHODOLOGY:

Coordinate and conduct intergovernmental and public involvement workshops and presentations.
Review FTP 2020 update and provide comments to the FDOT Central Office.

END PRODUCTS:

Public information and public involvement activities for the FTP.

PROJECT MANAGER:

Jo Laurie Penrose

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$69,625 participating, \$1,250 non-participating.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM# 403487-1-11-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:

Participated in the MPO's TIP Development Committee.
Prepared the state's work program maps for the TIP document.
Monitored projects for consistency between the TIP and the Long Range Transportation Plan; processed TIP amendments, including three for the Miami Intermodal Center.

METHODOLOGY:

Participate in the development of the 2001-2002 work program and 2001-2002 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:

Jo Laurie Penrose

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

2000	<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: \$69,625 participating, \$1,250 non-participating.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403487-1-11 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:

Coordinated with the work program office.
Assisted in the MPO's Air Quality Conformity Analysis for the TIP and LRTP.

METHODOLOGY:

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.
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:

Chris Dube

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$69,625 participating, \$1,250 non-participating.

2001 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:

Attended TPTAC, TPC, CTAC and MPO Board meetings.
Worked with MPO staff on UPWP and TIP development.
Provided administrative and financial services to the MPO.
Participated in Enhancements projects selection.
Participated in consultant selection for LRTP 2025 update.

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
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:

General support and technical assistance for the Miami MPO.
UPWP and TIP documents produced by the MPO.

PROJECT MANAGER:

Jo Laurie Penrose

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$69,625 participating, \$1,250 non-participating.

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

Section III

DATA COLLECTION

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 to populate the database of different GIS software in order to determine the location and level of congestion and the cause and frequency of delays in the system as an aid in programming short range improvements.

PREVIOUS WORK:

Annual traffic counts were collected at 250 locations.
Coordinated with FDOT Central Office to disseminate data.

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.
Consultant management.

END PRODUCTS:

Miscellaneous traffic data.
FDOT official Traffic Count Report.

PROJECT MANAGER: Rolando Jimenez

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$74,000 participating, \$2,591 non-participating.

2001 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:

Annual updates of LOS maps.

METHODOLOGY:

Complete the development of the 2000 LOS Map and work on future maps.
Continue to provide LOS analysis support to the Dade County Development Impact Committee.
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:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING:

\$74,000 participating, \$2,591 non-participating.

2001 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:

Produced various maps and graphics materials for presentations, documents and correspondence.

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
- Traffic Projections and Counts
- Highway Performance Monitoring System
- Access Management
- Transportation Boundaries
- National Highway System

END PRODUCTS:

Maps to support urbanized area planning activities.

PROJECT MANAGER: Rolando Jimenez

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING:

\$74,000 participating, \$2,591 non-participating

2001 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:

Collected vehicle classification data for highway planning and design.

Provided technical assistance on vehicle classification data to various Department units, local governments and citizens.

METHODOLOGY:

Provide necessary data and training to consultant.

Conduct vehicle classification activities at 120 sites in Dade and Monroe Counties.

Perform quality control checks on collected data and SPS processing into mainframe database.

Consultant management activities.

END PRODUCTS:

Vehicle classification data.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING:

\$74,000 participating, \$2,591 non-participating

2001 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:

Assigned functional classification codes as needed.

Began process to transfer jurisdiction of NE 179th St. between Biscayne Boulevard and West Dixie Highway to Miami-Dade County.

Transferred jurisdiction of East and West Flagler Street in the Miami Central Business District to the City of Miami.

Transferred jurisdiction of NW 47th Avenue to Miami-Dade County.

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 MPO.

Provide Functional Classification designation data and maps to Department offices, public and private groups, and other government offices.

END PRODUCTS:

Technical assistance for functional classification and roadway jurisdictional transfers.

Functional classification maps and maps and reports for jurisdictional transfers.

PROJECT MANAGER: Rolando Jimenez

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING:

\$74,000 participating, \$2,591 non-participating

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

FM#: 403488-1-11 DESIGN TRAFFIC FORECASTS

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:

Provided traffic vehicle assignment information to the roadway network based on individual requests.

METHODOLOGY:

Develop design traffic forecasts and 18,000-pound equivalent (18-kip) 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:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING:

\$74,000 participating, \$2,591 non-participating.

2001 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 Miami-Dade travel demand model, the Southeast Florida Regional Plan Model, and the long range transportation plans.

Provide model data and analysis to the Southeast Florida Regional Plan Model on an as-needed basis. Participate in the model development activities.

PREVIOUS WORK:

Worked with Dade County Planning and the Miami MPO on the Transportation Analysis Zone update for the Long Range Transportation Plan Update.
Participated in the statewide Model Task Force.
Produced model data and information.

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 participating in the statewide Model Task Force which supports model development activities and improvements to the long-range transportation planning process.

END PRODUCTS:

Reports documenting review of MPO's consultant work on network coding and model runs.

PROJECT MANAGER: Phil Steinmiller

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING:

\$74,000 participating, \$2,591 non-participating.

2001 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:

Conducted numerous field reviews for pavement condition.
Produced Pavement Management Report for 1999.

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:

New projects for work program based on pavement condition analysis.

PROJECT MANAGER:

Rolando Jimenez

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING:

\$74,000 participating, \$2,591 non-participating.

2001 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:

Made presentations to local government and citizen groups interested in the Scenic Highways Program.

METHODOLOGY:

Three corridors in Miami-Dade County have been proposed as Scenic Highways:

Dade County/Tamiami Trail Designation

Identifying potential members of a corridor advocacy group to pursue designating the Tamiami Trail from the Collier County line to Krome Ave in Dade County.

Dade County/Krome Avenue Designation

Investigate in 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

Participate in Statewide program development activities including FSHP Coordinators meetings, training, etc.

END PRODUCTS:

Scenic highway designations and technical assistance.

PROJECT MANAGER:

Chris Dube

2001 UNIFIED PLANNING WORK PROGRAM

OBJECTIVE E: STATE PLANNING PROGRAM

PARTICIPATING AGENCIES:

Florida Department of Transportation

WORK SCHEDULE:

2000	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2001	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>

FUNDING:

\$79,400 participating, \$3,000 non-participating.

2001 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:

Tracked status of Joint Participation Agreements (JPAs) for various bicycle/ pedestrian enhancement projects by Miami-Dade Public Works, City of Miami, City of Miami Beach, City of North Miami, City of North Miami Beach and City of South Miami.

Provided guidance to Miami-Dade Public Works on invoicing under Local Agency Planning agreements and JPAs.

Reviewed state Fast Track funding and staging proposal from City Manager of Miami Beach for Atlantic Trail corridor and Indian Creek Greenway projects.

Arranged coordination between Miami Beach's Indian Creek Greenway advocacy groups and the FDOT District Design office.

Reviewed plans submittals and provided ongoing administrative and technical support to District staff, MPO and local government personnel, and citizens on issues related to bicycle and pedestrian facility planning and design.

Developed scope of work and cost estimates for completion of ADA Transition plan for South Dixie Highway from Kendall to Florida City. Completed the ADA Transition Plan for US1 in Tavernier Key.

METHODOLOGY:

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

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

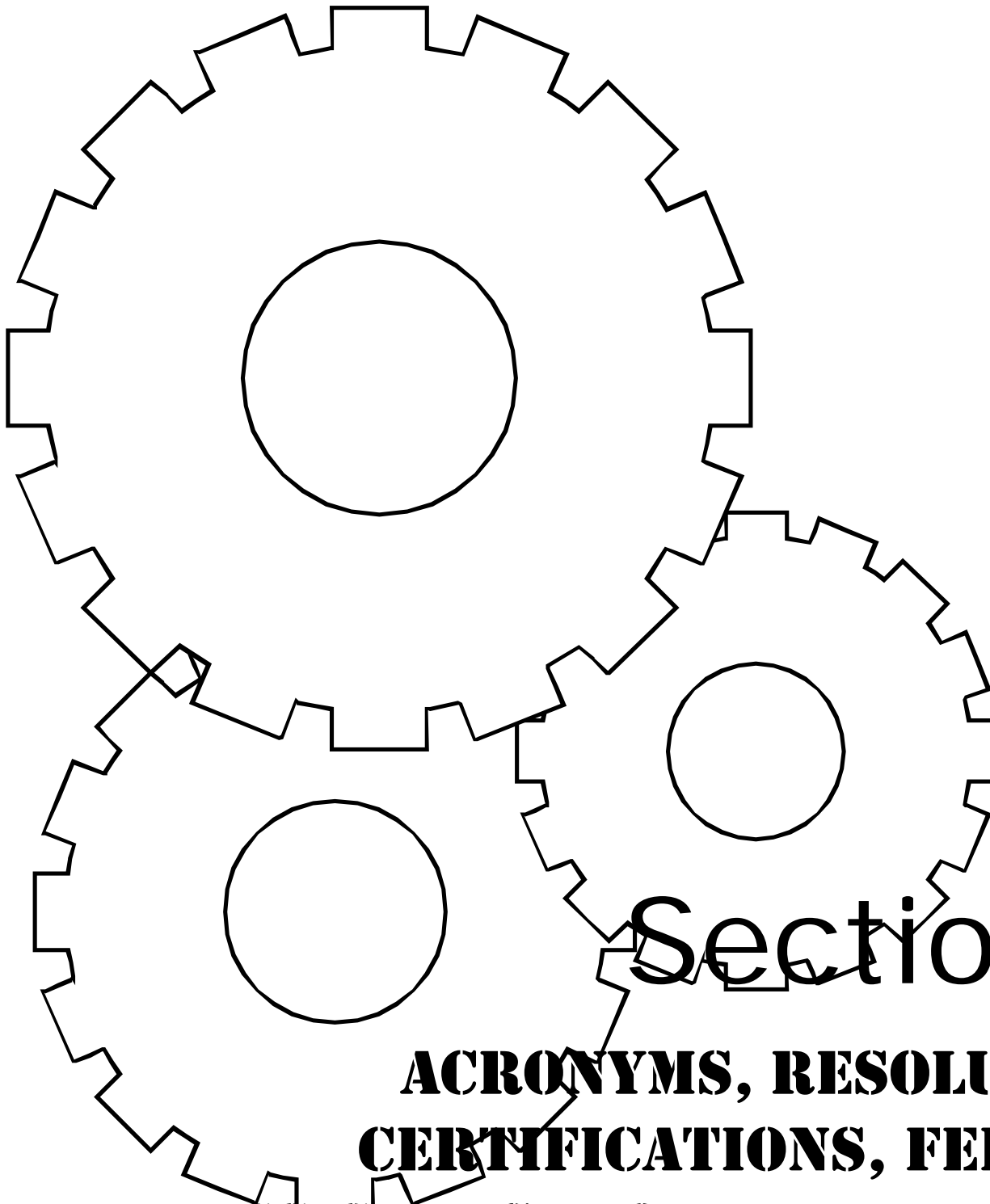
END PRODUCTS: Technical assistance.

PROJECT MANAGER: Chris Dube

PARTICIPATING AGENCY: Florida Department of Transportation

WORK SCHEDULE: 2000 Jul Aug Sep Oct Nov Dec
 2001 Jan Feb Mar Apr May Jun

FUNDING: \$79,400 participating, \$3,000 non-participating.



Section F

**ACRONYMS, RESOLUTION,
CERTIFICATIONS, FEDERAL
ASSISTANCE FORM, APPENDICES
AND TABLES**

ACRONYMS LIST

AADT	Average Annual Daily Traffic	DDR	District Dedicated Revenue
AASHTO	American Association of State Highway and Transportation Officials	DMTMI	Downtown Miami Transportation Management Initiative
ADA	Americans with Disabilities Act	DERM	Department of Environmental Resources Management
AIMS	Administer Intermodal Management System	DI	State-Inter/Intrastate Highway
ATOM	Alternative Transportation Options	DIC	Development Impact Committee
for	Medicaid	DOT	Department of Transportation
AVL	Automatic Vehicle Locator	DRI	Development of Regional Impact
AVM	Automatic Vehicle Monitoring	EEO	Equal Employment Opportunity
AWDT	Average Weekday Daily Traffic	ELMS	Environmental Land Management Study
AWTMI	Airport West Transportation Management Initiative	EPA	Environmental Protection Agency
BESTEAS	Building Efficient Surface Transportation Equity Act	FAC	Freight Advisory Committee
BCC	Board of County Commissioners	FDEP	Florida Department of Environmental Protection
BCT	Broward County Transit	FDOT	Florida Department of Transportation
BPAC	Bicycle/Pedestrian Advisory Committee	FEC	Florida East Coast
CAAA	Clean Air Act Amendment of 1990	FHWA	Federal Highway Administration
CADD	Computer-Aided Design and Drafting	FIHS	Florida Intrastate Highway System
CATI	Computer Assisted Telephone Interviewing	FIU	Florida International University
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
CFDA	Catalogue of Federal Domestic Assistance numbers	FTP	Florida Transportation Plan
CFR	Code of Federal Register	FY	Fiscal Year
CIE	Capital Improvement Element	GIS	Geographic Information System
CM	Congestion Mitigation	HP	Highway Planning
CMAQ	Congestion Mitigation and Air Quality	HPR	Highway Planning Research
CMS	Congestion Management System	ICAR	Intergovernmental Coordination And Review
CO	Carbon Monoxide	IMS	Intermodal Management System
CTAC	Citizen's Transportation Advisory Committee	ISTEA	Intermodal Surface Transportation Efficiency Act
CTC	Community Transportation Coordinator	ITD	Information Technology Department
CUTR	Center for Urban Transportation Research	ITMS	Integrated Transportation Management System
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
DCMMP	Miami-Dade County Mobility Management Process	LCTR	Lehman Center for Transportation Research
DDA	Downtown Development Authority	LOS	Level Of Service
		LRP	Long Rang Plan
		L RTP	Long Range Transportation Plan
		MBTMA	Miami Beach Transportation Management Association
		MDTA	Miami-Dade Transit Agency
		MDPW	Miami-Dade Public Works

ACRONYMS LIST

MDX	Miami-Dade Expressway Authority	TCRPC	Treasure Coast Regional Planning Council
MIA	Miami International Airport		
MIC	Miami Inter-modal Center	TD	Transportation Disadvantaged
MIS	Major Investment Studies	TDM	Transportation Demand Management
MMP	Mobility Management Process	TDP	Transit Development Plan
MPO	Metropolitan Planning Organization	TEA-21	Transportation Equity Act for the 21st Century
MPOAC	Florida Metropolitan Advisory Council	TIP	Transportation Improvement Program
MVIP	Motor Vehicle Inspection Program	TM	Technical Memorandum
NAAQS	National Ambient Air Quality Standards	TMA	Transportation Management Association
NMHC	non-methane hydrocarbons	TMIP	Travel Model Improvement Program
NOx	Oxides of Nitrogen	TMO	Transportation Management Organization
OBD	Outline Business District		
O-D	Origin Destination	TMS	Transportation Management System
PD&E	Planning Development and Engineering	TMS/H	Traffic Monitoring Systems for Highways
PDR	Planning Development and Regulation	TPC	Transportation Planning Council
PEA	Planning Emphasis Areas	TPTAC	Transportation Planning Technical Advisory Committee
PL112	FHWA Planning Funds Section 112	TRC	Technical Review Committee
PMS	Pavement Management System	TWU	Transit Worker's Union
PSC	Project Steering Committee	ULAM	Urban Land Use Allocation Model
PTO	Public Transportation Office	UM	University of Miami
RCI	Roadway Condition Index	UPWP	Unified Planning Work Program
RHCI	Rail-Highway Crossing Inventory	U.S.C.	United States Code
RTA	Regional Transit Authority	USDOT	United States Department of Transportation
RTO	Regional Transit Organization		
RUSH	Resourceful Use of Streets and Highways	USEPA	United States Environmental Protection Agency
SAC	Study Advisory Committee	VHT	Vehicle Hours Traveled
SERPM	Southeast Regional Planning Model	VMT	Vehicle Miles Traveled
SFRPC	South Florida Regional Planning Council	VPSI	Vanpool Services Incorporated
SFVP	South Florida Vanpool	VOC	Volatile Organic Compounds
SIP	State Implementation Plan	WAGES	Work And Gain Economic Self-Sufficiency
SMS	Safety Management System	WPI	Work Program Item
SNP	Special Needs Populations	WiW	Welfare to Work
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		

MPO RESOLUTION # 20-00

RESOLUTION APPROVING THE FY 2001 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 2001 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 2001 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 2001 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 Arthur E. Teele, Jr., who moved its adoption. The motion was seconded by Board Member Raul Martinez, 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	-	aye
Board Member Miguel Diaz de la Portilla	-	absent
Board Member Betty T. Ferguson	-	aye
Board Member Perla Tabares Hantman	-	aye
Board Member Neisen O. Kasdin	-	absent
Board Member Richard N. Krinzman	-	aye
Board Member Raul Martinez	-	aye
Board Member Natacha Seijas Millan	-	aye

Board Member Jimmy L. Morales	-	aye
Board Member Dennis C. Moss	-	aye
Board Member Pedro Reboredo	-	absent
Board Member Dorrin Rolle	-	absent
Board Member Katy Sorenson	-	aye
Board Member Javier D. Souto	-	aye
Board Member Arthur E. Teele, Jr.	-	aye
Board Member Raul Valdes-Fauli	-	absent
Board Member Frank Wolland	-	aye
Chairperson Gwen Margolis	-	aye

The Chairperson thereupon declared the resolution duly passed and approved this 25th day of May, 2000.

METROPOLITAN PLANNING ORGANIZATION
M.P.O.

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)

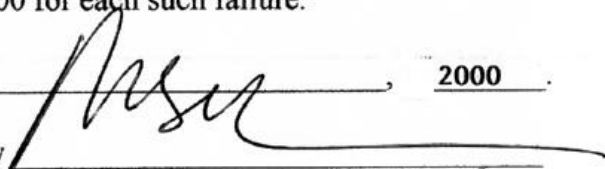
(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection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

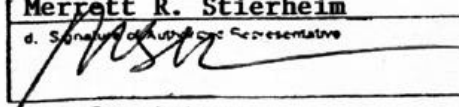
This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U. S. Code. Any person who fails to 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 16th day of June, 2000.

By 
(Signature of authorized official)

County Manager
(title of authorized official)

APPLICATION FOR FEDERAL ASSISTANCE

1. TYPE OF SUBMISSION Application <input type="checkbox"/> Construction <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED	Applicant Identifier
		3. DATE RECEIVED BY STATE	State Application Identifier
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION			
Legal Name <u>MPO for the Miami Urbanized Area</u>		Organizational Unit: <u>Office of the Secretariat</u>	
Address (give city, county, state and zip code) 111 NW 1 Street Suite 910 Miami, Fl 33128		Name and telephone number of person to be contacted re matters involving this application (give area code) Jose-Luis Mesa, Director (305)375-4507	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 59 - 6000573		7. TYPE OF APPLICANT: (enter appropriate letter in box) <input checked="" type="checkbox"/> N A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify: <u>MPO</u>)	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es). A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify): _____		9. NAME OF FEDERAL AGENCY: FTA, Region IV	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 20 - 505 TITLE		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Miami Urbanized Area Work Program	
12. AREAS AFFECTED BY PROJECT (cities, counties, states etc.) Miami-Dade County, Florida			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF	
Start Date	Ending Date	a. Applicant	b. Project
10/1/00	9/30/01	13, 14, 15	13, 14, 15
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 770,101	a. YES THIS PERAPPLICATION, APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: Date _____	
b. Applicant	\$ N/A	b. NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
c. State	\$ 96,263		
d. Local	\$ 96,263		
e. Other	\$		
f. Program Income	\$	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
g. TOTAL	\$ 962,626	<input type="checkbox"/> Yes If "Yes" attach an explanation <input checked="" type="checkbox"/> No	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA IN THIS APPLICATION PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Typed Name of Authorized Representative		b. Title	c. Telephone number
<u>Merrett R. Stierheim</u>		<u>County Manager</u>	<u>(305)375-5311</u>
d. Signature of Authorized Representative		e. Date Signed	
		<u>June 16, 2000</u>	

Previous Editions Not Usable

FEDERAL CERTIFICATIONS AND ASSURANCES (Electronically Filed)

Modify Recipient (MIAMI-DADE TRANSIT AGENCY)

File View Edit Help

ALL
 NONE

General | Contact Persons | **Cert's & Assurances** | Codes | Payment Codes | Civil Rights

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"/>	2/10/00	
II	LOBBYING CERT PER APPLICATION > \$100,000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
III	EFFECTS ON PRIVATE MASS TRANS COMPANIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
IV	PUBLIC HEARING EFFECT ON COMMUNITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
IX	DEMAND RESPONSE SERVICE DIRECT AWARD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
V	PRE-AWARD/POST-DELIVERY ROLLING STOCK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
VI	BUS TESTING CERTIFICATION FOR NEW BUSES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	
VII	CHARTER SERVICE AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	

Certification Agreement

Name: Mr. Stephen Spratt Date: 10-feb-2000
 Authorized Representative of Applicant

AFFIRMATION OF APPLICANT'S ATTORNEY

This read-only Text Block displays the primary Award Agreement for your final review.

FEDERAL CERTIFICATIONS AND ASSURANCES (Continued)

Modify Recipient (MIAMI-DADE TRANSIT AGENCY)

File View Edit Help

ALL
 NONE

General | Contact Persons | **Cert's & Assurances** | Codes | Payment Codes | Civil Rights

Organization: 1089 MIAMI-DADE TRANSIT AGENCY

Agreement	Description	Alt	N/A	Cert Date	Text
VII	CHARTER SERVICE AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
VIII	SCHOOL TRANSPORTATION AGREEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
X	SUBSTANCE ABUSE CERTIFICATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
XI	PROJECT INVOLVING FINANCING COSTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
XII	CERTS FOR URBANIZED AREA FORMULA PROGRAM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
XIII	CERTS FOR THE ELDERLY AND DISABLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
XIV	CERTS FOR NONURBANIZED AREA FORMULA PROG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>
XV	CERTS FOR STATE INFRASTRUCTURE BANK PROG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/10/00	<input type="checkbox"/>

Certification Agreement

Name: R. A Cuevas, Jr Date: 10-feb-2000
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. The Applicant

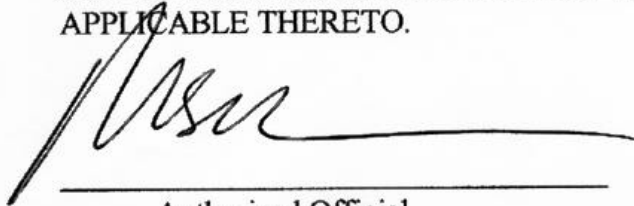
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

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

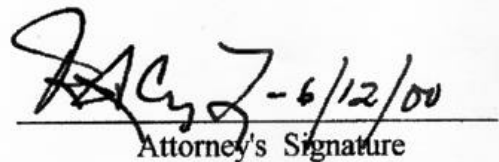
- (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (2) Have not, within a three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (3) Are not presently indicted for or otherwise criminally or civilly charged by governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
- (4) Have not, within a three-year period proceeding this application/proposal, had one or more public transactions (Federal, State and local) terminated for cause or default.

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

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



Authorized Official



Attorney's Signature

County Manager
Title of Authorized Official

June 16, 2000
Date

APPENDIX I

FY 2001 UNIFIED PLANNING WORK PROGRAM

FUNDING SOURCES

I.	FHWA FUNDS	FUNDING	SUBTOTAL(S)
	FHWA FY 01 - PL Funds (81.93%) Local Match (18.07%)	1,649,177 363,733	2,012,910
		TOTAL:	2,012,910
II.	STP FUNDS	FUNDING	SUBTOTAL(S)
	FY 01 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 5303 FUNDS (Section 8)	FUNDING	SUBTOTAL(S)
	Section 8 - FY 01 (80%) State Match (10%) Local Match (10%)	770,101 96,263 96,263	962,626
		TOTAL:	962,626
IV.	FTA SECTION 5307 FUNDS (Section 9)	FUNDING	SUBTOTAL(S)
	Section 9 FY 01 (100%) Soft Match (20% Toll Revenue Expenditures Not Shown)	980,000	980,000
	Section 9 FY 01 (80%) Local Match by TCRA (20%)	127,200 31,800	159,000
		TOTAL:	1,139,000

APPENDIX I
FY 2001 UNIFIED PLANNING WORK PROGRAM
FUNDING SOURCES

V. OTHER/STATE FUNDS AND LOCAL MATCH	FUNDING	SUBTOTAL(S)
Project No. 4.13: Municipal Grant Program (Municipal Match 20%)	37,500	37,500
Project No. 3.06: Downtown Miami Trans. Masterplan ("D" Funds, 100% State)	200,000	200,000
Project No. 3.06: Downtown Miami Trans. Masterplan (100% City of Miami)	135,000	135,000
Project No. 3.06: Downtown Miami Trans. Masterplan (100% Local Funds)	100,000	100,000
Project No. 4.07: Transportation Disadvantaged Planning (CTD, 100% State)	62,189	62,189
TOTAL:		534,689

FY 2001 NEW FUNDING TOTAL	5,220,654
----------------------------------	------------------

VI. PREVIOUS YEARS FUNDING CARRIED OVER	FUNDING	SUBTOTAL(S)
FY 97 STP: Element No. 3.07 (80%)	32,000	
State Match (10%)	4,000	
Local Match (10%)	4,000	40,000
FY 98 STP: Element Nos. 3.02 (80%)	56,000	
State Match (10%)	7,000	
Local Match (10%)	7,000	70,000
FY 99 STP: Element Nos. 2.04, 3.06 (75%)	57,000	
State Match (12.5%)	9,500	
Local Match (12.5%)	9,500	76,000
FY 00 STP: Element Nos. 1.02, 2.12, 2.14, 4.13 (75%)	296,250	
State Match (12.5%)	49,375	
Local Match (12.5%)	49,375	395,000
FY 00 Section 5303: Nos. 2.06, 2.12, 2.13, 2.16, 3.06, 4.13, 4.15 (80%)	236,000	
State Match (10%)	29,500	
Local Match (10%)	29,500	295,000
FY 00 Project No. 4.13: Municipal Grant Program (Municipal Match 20%)	37,500	37,500
TOTAL:		913,500

FY 2001 UPWP GRAND TOTAL	6,134,154
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APPENDIX II
FY 2001 UNIFIED PLANNING WORK PROGRAM

PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA S. 8 FY 00	OTHER	Total
1.01 Urban Travel Modeling and Forecasting	60	64									124.0
1.02 Long Range Trans. Plan Update	276	352			130						758.0
1.03 Trans./Land Use Coordination	107.9	54.6	22	20							204.5
1.04 Socio-Economic Database	80	50		30							160.0
TOTAL - OBJECTIVE A	523.9	520.6	22	50	130	0	0	0	0.0	0	1,246.5

OBJECTIVE B: Short Range Trans. System Planning and Development	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA S. 8 FY 00	OTHER	Total
2.01 Short-Range Intermodal Planning	90	40	35								165.0
2.02 Short-Range Transit Planning			35								35.0
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			20								20.0
2.06 Electric Transit Circulator Feasibility Study		10							60		70.0
2.07 Transit Route-Level Monitoring			374								374.0
2.08 Transit Financial Capacity Assessment			20								20.0
2.09 Transit Reporting			89								89.0
2.10 Tri-Rail Coordination			159								159.0
2.11 Transit Ridership Forecasting			20								20.0
2.12 Improving Welfare to Work Trans. Planning		5			30				15		50.0
2.13 Short-Range Truck Traffic Study		5							30		35.0
2.14 Integrated Transportation Mgmt. Systems Phase II		15			120						135.0
2.15 ITS Plan Monitoring	25										25.0
2.16 Transit Contra Flow Feasibility Study		10							50		60.0
2.17 Transit Level of Service Study	25		25								50.0
TOTAL - OBJECTIVE B	195	85	777	0	150	41	0	0	155	0	1,403.0

OBJECTIVE C: Intermodal Transportation System	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA S. 8 FY 00	OTHER	Total
3.01 A/Q Conformity Determination Assess.	60			30							90.0
3.02 Technical Studies Program Support	145			190			70				405.0
3.03 Center for Urban Trans. Research Support			100								100.0
3.04 Comp. Bicycle/Pedestrian Planning Programs	102			28							162.0
Purchase replacement vehicle for Bicycle/Pedestrian Program	32										32.0
3.05 Improving Regional Trans. Planning	25										25.0
3.06 Downtown Miami Transportation Masterplan (Other= D funds, \$200K; City of Miami \$200K; Local \$100K)	120	10				35			30	435.0	630.0
3.07 Vanpool Marketing Program		10						40			50.0
3.08 Pedestrian Plan for Miami-Dade County	20			150							170.0
3.09 Hometown Intermodal Transportation Study		75									75.0
TOTAL - OBJECTIVE C	504	95	100	398	0	35	70	40	30	435	1,707.0

APPENDIX II
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE D: Transportation Planning Decision Making Process	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA S. 8 FY 00	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	140	60	50								250.0
4.05 Citizen and Private Sector Involvement	145		50								195.0
4.06 Technical Committees Support	60	40									100.0
4.07 Trans. Disadvantaged Planning										62.2	62.2
4.08 American with Disabilities Act (ADA) Planning			60								60.0
4.09 FTA Civil Rights Requirements			30								30.0
4.10 Legislative Assessments		10									10.0
4.11 MPO Program Support Services	85	50									135.0
4.12 ADA Required Infrastructure Improvements	10									Municipal Match	10.0
4.13 Municipal Grant Program	10	50		100	115				35	75	385.0
4.14 Public Information Program	140			23.4							163.4
4.15 Local Transit Circulator Services Study	10								75		85.0
SUBTOTAL - OBJECTIVE D	790	262	240	123	115	0	0	0	110	137	1,777.6

OBJECTIVE E: State Planning Program	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA S. 8 FY 00	OTHER	Total
5.01 State Planning Project Summary											
TOTAL - OBJECTIVE E	0	0	0	0	0	0	0	0	0	0	0.0

PROJECT FUNDING BY SOURCE	FHWA PL	FTA 5303	FTA 5307	STP 01	STP 00	STP FY 99	STP FY 98	STP FY 97	FTA Sec.8	OTHER	Grand Total
2001 UNIFIED PLANNING WORK PROGRAM	2,013	963	1,139	571	395	76	70	40	295	572	6,134.1

APPENDIX III
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY AGENCY (\$000)

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
1.01 Urban Travel Modeling and Forecasting	85	39						124
1.02 Long Range Trans. Plan Update	128					630		758
1.03 Trans./Land Use Coordination	81.5	63	40	20				205
1.04 Socio-Economic Database	10		150					160
TOTAL - OBJECTIVE A	305	102	190	20	0	630	0	1,247

OBJECTIVE B: Short Range Trans. System Planning and Development	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
2.01 Short-Range Intermodal Planning	120	35		10				165
2.02 Short-Range Transit Planning		35						35
2.03 Highway Traffic Counting Program				50				50
2.04 Aesthetics & Urban Design in Trans.	5					41		46
2.05 Conduct Transit Market Research		20						20
2.06 Electric Transit Circulator Feasibility Study	10					60		70
2.07 Transit Route-Level Monitoring		374						374
2.08 Transit Financial Capacity Assessment		20						20
2.09 Transit Reporting		89						89
2.10 Tri-Rail Coordination							TCRA 159	159
2.11 Transit Ridership Forecasting		20						20
2.12 Improving Welfare-to-Work Trans.	5					45		50
2.13 Short Range Truck Traffic Study	5					30		35
2.14 Integrated Trans. Mgmt Systems Phase II	15					120		135
2.15 ITS Plan Monitoring	25							25
2.16 Transit Contra Flow	10					50		60
2.17 Transit Level of Service Study		50						50
TOTAL - OBJECTIVE B	195	643	0	60	0	346	159	1,403

APPENDIX III
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY AGENCY (\$000)

OBJECTIVE C: Intermodal Transportation System	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
3.01 A/Q Conformity Determination Assess.	90							90
3.02 Technical Studies Program Support	30					375		405
3.03 Center for Urban Trans. Research		100						100
3.04 Bicycle/Pedestrian Planning Programs	130						Van 32	162
3.05 Improving Regional Trans. Planning							SFRPC 25	25
3.06 Downtown Miami Transportation Masterplan	30					600		630
3.07 Vanpool Marketing Program	10					40		50
3.08 Pedestrian Plan for Miami-Dade County	10					160		170
3.09 Hometown Intermodal Transportation Study	10					65		75
TOTAL - OBJECTIVE C	310	100	0	0	0	1,240	57	1,707

OBJECTIVE D: Transportation Planning Decision Making Process	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Total
4.01 UPWP Administration	70							70
4.02 MPO Board Staff Support	162							162
4.03 UPWP Development	60							60
4.04 TIP Development	125	55		20	50			250
4.05 Citizen and Private Sector Involvement	195							195
4.06 Technical Committees Support	100							100
4.07 Trans. Disadvantaged Planning	2.2	60						62
4.08 ADA Planning		60						60
4.09 FTA Civil Rights Requirements		30						30
4.10 Legislative Assessments	10							10
4.11 MPO Program Support Services	135							135
4.12 ADA Infrastructure Improvements				10				10
4.13 Municipal Grant Program	10						Cities 375.0	385
4.14 Public Information Program	163.4							163
4.15 Local Transit Policy Circulator Services	10					75		85
SUBTOTAL - OBJECTIVE D	1043	205	0	30	50	75	375	1,778

APPENDIX III
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY AGENCY (\$000)

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

PROJECT FUNDING BY AGENCY	MPO	MDTA	P&Z	DCPW	OMB	Consultant	Other	Grand Total
2001 UNIFIED PLANNING WORK PROGRAM	1,852	1,050	190	110	50	2291	591	6,134

**APPENDIX IV
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING DETAIL (\$000)**

OBJECTIVE A: Long Range Trans. Planning, Dev. and Enhancement	FTA			FHWA							STATE										LOCAL									6/15/00				
	FY00 S. 8	FY 01 S. 8	Sect. 5307	FTA Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S8	FY 01 S. 8	00 PL	01 STP	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL		
1.01 Urban Travel Modeling & Frctg.	0	51.2	0	51.2	49.2	0	0	0	0	0	49.2	0	0	0	6.4	0	0	0	0	0	6.4	0	6.4	10.8	0	0	0	0	0	0	0	0	17.2	124
1.02 Long Range Trans. Plan Update	0	281.6	0	281.6	226.1	0	97.5	0	0	0	323.6	0	0	0	35.2	0	16.3	0	0	0	51.5	0	35.2	49.9	0	16.3	0	0	0	0	0	101.3	758	
1.03 Trans./Land Use Coordination	0	43.7	22	65.7	88.4	15	0	0	0	0	103.4	0	0	0	5.5	2.5	0	0	0	0	8.0	0.0	5.5	19.5	2.5	0	0	0	0	0	0	27.5	205	
1.04 Socio-Economic Database	0	40	0	40	65.5	22.5	0	0	0	0	88.0	0	0	0	5	3.8	0	0	0	0	8.8	0	5	14.5	3.8	0	0	0	0	0	0	23.2	160	
TOTAL OBJECTIVE A	0	416.5	22	438.5	429.2	37.5	97.5	0	0	0	564.2	0	0	0	52.1	6.3	16.3	0	0	0	74.6	0.0	52.1	94.7	6.3	16.3	0	0	0	0	169.2	1,247		
OBJECTIVE B: Short Range Trans. System Planning and Mgmt.	FY00 S. 8	FY 01 S. 8	Sect. 5307	FTA Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S8	FY 01 S. 8	00 PL	01 STP	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL		
2.01 Short-Range Intermodal Planning	0	32	35	67	73.7	0	0	0	0	0	73.7	0	0	0	4	0	0	0	0	0	4	0.0	4.0	16.3	0	0	0	0	0	0	0	20.3	165	
2.02 Short-Range Transit Planning	0	0	35	35	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	35	
2.03 Highway Traffic Counting Program	0	0	0	0	41.0	0	0	0	0	0	41.0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	9.0	0	0	0	0	0	0	0	9.0	50	
2.04 Aesthetics & Urban Design in Trans.	0	0	0	0	4.1	0	0	30.8	0	0	34.8	0	0	0	0	0	5.1	0	0	0	5.1	0	0	0.9	0	0	5.1	0	0	0	0	6.0	46	
2.05 Conduct Transit Market Research	0	0	20	20	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	20	
2.06 Electric Transit Circulator Feasibility	48	8	0	56	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	6	1	0	0	0	0	0	0	0	0	7.0	70	
2.07 Transit Route-Level Monitoring	0	0	374	374	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	374	
2.08 Transit Financial Capacity Assess.	0	0	20	20	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	20	
2.09 Transit Reporting	0	0	89	89	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	89	
2.10 Tri-Rail Coordination	0	0	127.2	127.2	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	31.8	31.8	159		
2.11 Transit Ridership Forecasting	0	0	20	20	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	20	
2.12 Improving Welfare-to-Work Trans.	12	4	0	16	0	0	22.5	0	0	0	22.5	0	0	1.5	0.5	0	3.8	0	0	0	5.8	1.5	0.5	0	0	3.8	0	0	0	0	0	5.8	50	
2.13 Short-Range Truck Traffic Study	24	4	0	28	0	0	0	0	0	0	0	0	0	3	0.5	0	0	0	0	0	3.5	3	0.5	0	0	0	0	0	0	0	0	3.5	35	
2.14 Integrated Trans. Mgmt. Systems	0	12	0	12	0	0	90	0	0	0	90	0	0	0	1.5	0	15	0	0	0	16.5	0	1.5	0	0	15	0	0	0	0	0	16.5	135	
2.15 ITS Plan Monitoring	0	0	0	0	20.5	0	0	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	0	0	4.5	25	
2.16 Transit Contraflow Feasibility Study	40	8	0	48	0.0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6	5	1	0.0	0	0	0	0	0	0	0	6.0	60	
2.17 Transit Level of Service Study	0	0	25	25	20.5	0	0	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	0	0	4.5	50	
TOTAL OBJECTIVE B	124	68	745.2	937.2	159.8	0	112.5	30.75	0	0	303	0	0	15.5	8.5	0	18.8	5.125	0	0	47.9	15.5	8.5	35.2	0	18.8	5.125	0	0	31.8	114.9	1,403		

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APPENDIX IV
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING DETAIL (\$000)

OBJECTIVE C: Intermodal Transportation System	FTA			FHWA								STATE										LOCAL								6/15/00			
	FY00 S. 8	FY 01 S. 8	Sect. 5307	FTA Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA TOTAL	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State TOTAL	FY00 S8	FY 01 S. 8	00 PL	01 STP	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL	
3.01 A/Q Conformity Determination Assess	0	0	0	0	49.2	22.5	0	0	0	0	71.7	0	0	0	0	3.8	0	0	0	0	3.8	0	0	10.8	3.8	0	0	0	0	0	0	14.6	90
3.02 Technical Studies Program Support	0	0	0	0	118.8	142.5	0	0	56	0	317.3	0	0	0	0	23.8	0	0	7	0	30.8	0	0	26.2	23.8	0	0	7	0	0	57.0	405	
3.03 Center for Urban Trans. Research	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	
3.04 Comp. Bicycle/Pedestrian Planning Includes vehicle for \$26.2K in PL + 5.8 in Local	0	0	0	0	109.8	21	0	0	0	0	130.8	0	0	0	0	3.5	0	0	0	0	3.5	0	0	24.2	3.5	0	0	0	0	0	27.7	162	
3.05 Improving Regional Trans. Planning	0	0	0	0	20.5	0	0	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	4.5	25		
3.06 Downtown Miami Trans. Masterplan	24	8	0	32	98.3	0.0	0	26.3	0	0	124.6	0	200	3	1	0	0	4.4	0	0	208.4	3	1	21.7	0	0	4.4	0	0	235	265.1	630	
3.07 Vanpool Marketing Program	0	8	0	8	0.0	0.0	0	0	0	32	32	0	0	0	1	0	0	0	0	4	5	0	1	0.0	0	0	0	0	4	0	5.0	50	
3.08 Pedestrian Plan for Miami-Dade County	0	0	0	0	16.4	112.5	0	0	0	0	128.9	0	0	0	0	18.8	0	0	0	0	18.8	0	0	3.6	18.8	0	0	0	0	0	22.4	170	
3.09 Hometown Intermodal Transportation	0	60	0	60	0.0	0.0	0	0	0	0	0	0	0	0	7.5	0	0	0	0	0	7.5	0	7.5	0.0	0	0	0	0	0	7.5	75		
TOTAL OBJECTIVE C	24	76	100	200	412.9	298.5	0	26.3	56	32	825.7	0	200	3	9.5	49.8	0	4.375	7	4	277.6	3	9.5	91.1	49.8	0	4.375	7	4	235	403.7	1,707.0	

**APPENDIX IV
FY 2001 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING DETAIL (\$000)**

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	FTA		FHWA								STATE									LOCAL									6/15/00			
OBJECTIVE D: Transportation Planning Decision-Making and Funding	FY00 S. 8	FY 01 S. 8	Sect. 5307 Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA Total	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State Total	FY00 S8	FY 01 S. 8	00 PL	01 STP	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL	
4.01 UPWP Administration	0	16	0	16	41.0	0	0	0	0	41.0	0	0	0	2	0	0	0	0	0	2	0	2	9.0	0	0	0	0	0	0	0	11.0	70.0
4.02 MPO Board Staff Support	0	25.6	50	75.6	65.5	0	0	0	0	65.5	0	0	0	3.2	0	0	0	0	0	3.2	0	3.2	14.5	0	0	0	0	0	0	0	17.7	162.0
4.03 UPWP Development	0	0	0	0	49.2	0	0	0	0	49.2	0	0	0	0	0	0	0	0	0	0	0	0	10.8	0	0	0	0	0	0	0	10.8	60.0
4.04 TIP Development	0	48	50	98	114.7	0	0	0	0	114.7	0	0	0	6	0	0	0	0	0	6	0	6	25.3	0	0	0	0	0	0	0	31.3	250.0
4.05 Citizen & Private Sector Involvement	0	0	50	50	118.8	0	0	0	0	118.8	0	0	0	0	0	0	0	0	0	0	0	0	26.2	0	0	0	0	0	0	0	26.2	195.0
4.06 Technical Committees Support	0	32	0	32	49.2	0	0	0	0	49.16	0	0	0	4	0	0	0	0	0	4	0	4	10.8	0	0	0	0	0	0	0	14.8	100.0
4.07 Trans. Disadvantaged Planning	0	0	0	0	0	0	0	0	0	0	62.2	0	0	0	0	0	0	0	0	62.2	0	0	0	0	0	0	0	0	0	0	0	62.2
4.08 ADA Planning	0	0	60	60	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	60.0
4.09 FTA Civil Rights Requirements	0	0	30	30	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	30.0
4.10 Legislative Assessments	0	8	0	8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	10.0
4.11 MPO Program Support Services	0	40	0	40	69.6	0	0	0	0	69.6	0	0	0	5	0	0	0	0	0	5	0	5	15.4	0	0	0	0	0	0	0	20.4	135.0
4.12 ADA Required Infrastructure	0	0	0	0	8.2	0	0	0	0	8.2	0	0	0	0	0	0	0	0	0	0	0	0	1.8	0.0	0	0	0	0	0	0	1.8	10.0
4.13 Municipal Grant Program	28	40	0	68	8.2	75.0	86.3	0	0	169.4	0	0	3.5	5	12.5	14.4	0	0	0	35.4	4	5	1.8	12.5	14.4	0	0	0	75	112.2	385.0	
4.14 Public Information Program	0	0	0	0	114.7	17.6	0	0	0	132.3	0	0	0	0	2.9	0	0	0	0	2.9	0	0	25.3	2.9	0	0	0	0	0	28.2	163.4	
4.15 Local Transit Policy Circulator Services	60	0	0	60	8.2	0	0	0	0	8.2	0	0	7.5	0	0	0	0	0	0	7.5	7.5	0	1.8	0	0	0	0	0	0	9.3	85.0	
TOTAL OBJECTIVE D	88	210	240	538	647	93	86	0	0	826	62	0	11	26	15	14	0	0	0	129	11	26	143	15	14	0	0	0	75	285	1,777.6	
OBJECTIVE E: State Planning Program	FY00 S. 8	FY 01 S. 8	Sect. 5307	FTA Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA Total	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State Total	FY00 S8	FY 01 S. 8	00 PL	01 STP	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	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	FY00 S. 8	FY 01 S. 8	Sect. 5307	FTA Total	01 PL	01 STP	00 STP	99 STP	98 STP	97 STP	FHWA Total	TDC	"D"	FY00 S.8	FY 01 S. 8	01 STP	00 STP	99 STP	98 STP	97 STP	State Total	FY00 S8	FY 01 S. 8	00 PL	01 STP	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL
GRAND TOTAL	236	770	1,107	2,113	1,649	429	296	57	56	32	2,519	62	200	30	96	71	49	10	7	4	529	30	96	364	71	49	10	7	4	342	973	6,134.2
2001 UPWP																																

**APPENDIX V
PREVIOUS YEAR (FY 2000) PROJECT FUNDING DETAIL**

	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 S8	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 & Frstg.	51.2	0	51.2	49.16	0	0	0	0	49.16	0	6.4	0	0	0	0	6.4	6.4	10.84	0	0	0	0	0	0	17.24	124
1.02 Long Range Trans. Plan Update	56	0	56	90.12	97.5	0	0	0	187.6	0	7	16.25	0	0	0	23.25	7	19.9	16	0	0	0	0	0	43.13	310
1.03 Trans./Land Use Coordination	25.91	22	47.91	94.22	0	28	0	0	122.2	0	3.238	0	3.5	0	0	6.738	3.2	20.78	0	3.5	0	0	0	0	27.52	204
1.04 Socio-Economic Database	64	0	64	65.54	0	0	0	0	65.54	0	8	0	0	0	0	8	8	14.46	0	0	0	0	0	0	22.46	160
1.05 SE FL Regional Travel Characteristics	0	0	0	8.193	0	0	0	0	8.193	0	0	0	0	0	0	0	0	1.807	0	0	0	0	0	0	1.807	10
TOTAL OBJECTIVE A	197.1	22	219.1	307.2	97.5	28	0	0	432.7	0	24.64	16.3	3.5	0	0	44.39	24.6	67.76	16.25	3.5	0	0	0	0	112.2	808
OBJECTIVE B: Short Range Trans. System Planning and Mgmt.																										
2.01 Short-Range Intermodal Planning	40	5	45	90.12	0	0	0	0	90.12	0	5	0	0	0	0	5	5.0	19.88	0	0	0	0	0	0	24.88	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	40.97	0	0	0	0	40.97	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	20.48	0	0	0	0	20.48	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	151.6	112.5	32.8	0	0	296.9	0	18.5	18.75	4.1	0	0	41.35	18.5	33.43	18.75	4.1	0	0	0	0	74.78	1,498

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APPENDIX V
PREVIOUS YEAR (FY 2000) PROJECT FUNDING DETAIL

	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	49.16	22.5	0	0	0	71.66	0	0	3.75	0	0	0	3.75	0	10.8	4	0	0	0	0	14.59	90
3.02 Technical Studies Program Support	0	0	0	131.1	0.0	0	56	0	187.1	0	0	0	0	7	0	7	0	28.9	0	0	7	0	0	35.91	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	16.39	15	72	0	0	103.4	0	0	2.5	9	0	0	11.5	0	3.614	3	9	0	0	0	15.11	130
3.05 Improving Regional Trans. Planning	0	0	0	20.48	0	0	0	0	20.48	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	36.19	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	142.4	225.3	37.5	100	56	32	450.8	0	5.3	6.25	12.5	7	4	35.05	5.3	49.69	6.25	12.5	7	4	8.75	93.49	721.8

**APPENDIX V
PREVIOUS YEAR (FY 2000) PROJECT FUNDING DETAIL**

	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 S8	00 PL	00 STP	99 STP	98 STP	97 STP	Other	Total	TOTAL
4.01 UPWP Administration	16	0	16	40.97	0	0	0	0	40.97	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	65.54	0	0	0	0	65.54	0	3.2	0	0	0	0	3.2	3.2	14.46	0	0	0	0	0	17.66	162.0
4.03 UPWP Development	0	0	0	49.16	0	0	0	0	49.16	0	0	0	0	0	0	0	0	10.84	0	0	0	0	0	10.84	60.0
4.04 TIP Development	44	181	225	52.44	0	0	0	0	52.44	0	5.5	0	0	0	0	5.5	5.5	11.56	0	0	0	0	0	17.06	300.0
4.05 Citizen & Private Sector Involvement	44	0	44	81.93	0	0	0	0	81.93	0	5.5	0	0	0	0	5.5	5.5	18.1	0	0	0	0	0	23.57	155.0
4.06 Technical Committees Support	44	0	44	36.87	0	0	0	0	36.87	0	5.5	0	0	0	0	5.5	5.5	8.1	0	0	0	0	0	13.63	100.0
4.07 Trans. Disadvantaged Planning	0	0	0	0	0	0	0	0	0	62.19	0	0	0	0	0	62.19	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	61.45	0	0	0	0	61.45	0	6	0	0	0	0	6	6	13.55	0	0	0	0	0	19.55	135.0
4.12 ADA Required Infrastructure	0	0	0	8.2	0	0	0	0	8.193	0	0	0	0	0	0	0	0	1.8	0.0	0	0	0	0	1.807	10.0
4.13 Municipal Grant Program	0	0	0	8.2	86.3	46.4	0	0	140.8	0	0	14.38	5.8	0	0	20.18	0	1.8	14.4	5.8	0	0	43.25	65.23	226.3
4.14 Public Information Program	28	0	28	94.22	38.57	0	0	0	132.8	0	3.5	6.429	0	0	0	9.929	3.5	20.78	6.429	0	0	0	0	30.71	201.4
4.15 Local Transit Policy Circulator Services	60	0	60	8.193	0	0	0	0	8.193	0	7.5	0	0	0	0	7.5	7.5	1.807	0	0	0	0	0	9.307	85.0
TOTAL OBJECTIVE D	318	343	661	507	125	46	0	0	678	62	40	21	6	0	0	128	40	112	21	6	0	0	43	221	1,688.9
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 S8	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	56	32	1859	62	88	62	26	7	4	249	88	263	62	26	7	4	52	502	4,717.0

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TABLE 1 (Descriptions)

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 2001 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					■	■	
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	■	■		■	■	■	
2.16			■	■	■	■	
2.17							■
3.01				■		■	
3.02		■	■	■	■		
3.03						■	■
3.04		■	■	■	■		
3.05	■			■	■		
3.06	■	■	■	■	■	■	■
3.07	■		■	■	■		
3.08							■
3.09			■	■	■	■	■
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 (Defined)

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 2

FY 2001 UNIFIED PLANNING WORK PROGRAM

Cross Reference of Work Tasks with LRTP 2025 Plan Objectives

Task #	1	2	3	4	5	6	7	8	9	10	11	12	13
1.01													
1.02													
1.03													
1.04													
2.01													
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TABLE 3 DESCRIPTIONS
PLANNING EMPHASIS AREAS (PEAs)

1. TRANSPORTATION EQUITY AND PUBLIC INVOLVEMENT

Increasingly, concerns for compliance with provisions of Title VI of the Civil Rights Act have been raised by citizens and advocacy groups with regard to broad patterns of transportation investment and impact considered in metropolitan and statewide planning. While Title VI and environmental justice concerns have most often been raised during project development, it is important to recognize that the law applies equally to the processes and products of metropolitan and statewide planning. Public Involvement is a major element of this process.

FTA and FHWA are working jointly to develop guidance to support metropolitan areas and states in their efforts to incorporate considerations of transportation equity in their local planning processes and substantiate compliance through demonstrated actions. States and Metropolitan Planning Organizations in their planning processes are generally advised to expand and document their efforts in two categories of work activity:

- (a) Expanding the focus of public involvement efforts, with special attempts to include the traditionally under-served and under-represented in the planning process;
- (b) Assessing the distribution of benefits and adverse environmental impacts at both the plan and project level.

Over the fiscal year, a range of possible procedural and analytical approaches for complying with provisions of Title VI and the Executive Order on Environmental Justice at the planning stage will be developed and disseminated through guidance and regulation. To support that effort, “innovative practice” case study development and training opportunities will be enhanced, based in part on the reported activities and experiences of metropolitan and statewide planning processes in this area.

2. INTELLIGENT TRANSPORTATION SYSTEMS (ITS) NATIONAL ARCHITECTURE

TEA-21 identifies system management and operation as a focal theme and context for transportation investment nationwide. The Act further identifies the need for integrated planning and application of ITS strategies and the role of the ITS National Architecture as a resource for achieving this functional integration. Section 5206(e) of TEA-21 requires all ITS projects funded through the Highway Trust Fund, including the Mass Transit Account, to be consistent with the National Architecture and Standards.

FTA and FHWA have prepared guidance for developing ITS projects and programs in a coordinated way through metropolitan and statewide planning processes, using the ITS National Architecture. This guidance is being disseminated in a number of ways, including training, technical assistance and formal regulation. FTA and FHWA will work to provide assistance to participants in planning processes to facilitate attention and response to this requirement.

3. PREPARING FOR THE YEAR 2000 CENSUS

As with prior decennial censuses, the Year 2000 Census will be an invaluable information resource for transportation planning at both the metropolitan and statewide levels. The journey-to-work and other socioeconomic data from it will provide a key baseline for a wide range of planning activities, including regional transportation equity analyses, job access planning, development and validation of travel demand models, and more. The Year 2000 census will be especially important because it will likely be the last to include a “long form” questionnaire to collect the types of detailed household, traveler, and travel information most useful to transportation planning. In future years, the Bureau of the Census will initiate a program to collect such data during the next decade as part of a continuous monthly survey called the American Community Survey. Data from the Year 2000 Census will be critical for states and MPOs to make the transition to American Community Survey data.

To leverage use of this important information resource, planning processes need to consider a wide range of ancillary work activities, including:

- Aligning census geography with transportation analysis geography in their areas;
- Conducting origin/destination and home interview travel surveys; and
- Expanding travel monitoring programs to develop comprehensive area-wide and corridor inventories.

TABLE 3

FY 2001 UNIFIED PLANNING WORK PROGRAM

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

Number	1	2	3
1.01			
1.02			
1.03			
1.04			
2.01			
2.02			
2.03			
2.04			
2.05			
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4.12			
4.13			
4.14			
4.15			

