

Unified Planning Work Program for Transportation 1998



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Adopted May 20, 1997

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 METRO-DADE METROPOLITAN
PLANNING
ORGANIZATION

Metropolitan Planning Organization Governing Board

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Gwen Margolis, Chairperson

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Gary Donn

Armando Vidal, P.E., County Manager

Transportation Planning Council

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John Martinez	Florida Department of Transportation

MPO Secretariat

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Stephen P. Clark Center
Suite 910
111 N.W. First Street
Miami, Florida 33128-1970
(305) 375-4507

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI
URBANIZED AREA
1998 UNIFIED PLANNING WORK PROGRAM**

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EXECUTIVE SUMMARY

The 1998 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, 1997 and ending on June 30, 1998. The document outlines the planning projects that will assist in further defining the comprehensive and multi-modal transportation improvement program approved for the metropolitan area in the Year 2015 Metro-Dade Long Range Transportation Plan. The MPO's Year 2015 Metro-Dade Long Range Transportation Plan was adopted by the Governing Board on December 7, 1995, after considerable official and public review activities were conducted throughout the metropolitan area. The Plan addresses the multimodal transportation system needs for the period 1995-2015.

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

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

The projects identified in the 1998 UPWP directly address the objectives defined by the Program Development Committee and approved by the Transportation Planning Council and the MPO Governing Board. These objectives are in turn based on the policies defined in the urbanized area Transportation Plan and in the Metro-Dade Comprehensive Development Master Plan and are consistent with the transportation goals expressed in the Strategic Policy Regional Plan for South Florida. The program is also consistent with local comprehensive plans adopted by each of the twenty-seven municipalities in the county. As explained in the Organization and Management section of this document, municipal participation is a key element in the development of MPO plans and programs.

Projects in the 1998 UPWP address required work activities and agreed upon Local, State and Federal transportation planning issues and priorities. As a result of the ongoing incorporation of rules and procedures promulgated under the federal Intermodal Surface Transportation Efficiency Act (ISTEA) and other recent federal legislation, and established local objectives to the planning program, several new projects have been included in the 1998 UPWP which respond to new transportation planning requirements and priorities. These priorities include but are not limited

to: ISTEA planning factors, the Planning Emphasis Areas, the improvements outlined in the 2015 Long Range Plan, public transportation and ridesharing, Intelligent Transportation Systems (ITS), employer-based measures to promote use of carpooling and public transit, the six management systems as required by ISTEA, exclusive right-of-way priority service, limits of right-of-way build out and funding availability, Transportation Demand Management (TDM) alternatives and air quality. Among these are the following:

- #2.05 Greenways and Trails Maintenance Authority Study
- #2.06 Continue Technical Support for Transportation Management Associations
- #2.14 Aesthetics & Urban Design in Transportation Planning and Project Development Processes
- #2.15 Specific Area Planning and Design for Improving Mobility
- #3.02 Downtown Miami Transportation Masterplan
- #3.06 Station Area Aesthetics, Design and Development Planning

In addition, increased funding for FY 1998 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
- #1.03 Transportation/Land Use Coordination
- #1.04 Socio-Economic Data
- #3.01 Transportation/Air Quality Conformity Determination Assessment
- #4.04 Transportation Improvement Program
- #4.14 Public Information Program

The Transportation Planning Council recommends the program as presented in the belief that the continuing intensification of the metropolitan nature of the urban area and the increasingly high levels of travel congestion that are routinely experienced along major corridors make the defined planning efforts critical priorities for 1998.

1998 UNIFIED PLANNING WORK PROGRAM

PROGRAM OBJECTIVES

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

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

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

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

OBJECTIVE "C": *INTERMODAL TRANSPORTATION PLANNING*

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

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

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

OBJECTIVE "E": *STATE PLANNING PROGRAM*

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

ACRONYMS LIST

AADT	Average Annual Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ATOM	Alternative Transportation Options for Medicaid
AWDT	Average Weekday Daily Traffic
B&Z	Building and Zoning
BCC	Board of County Commissioners
BPAC	Bicycle/Pedestrian Advisory Committee
CAAA	Clean Air Act Amendment of 1990
CADD	Computer-Aided Design and Drafting
CBD	Central Business District
CDMP	Comprehensive Development Master Plan
CFR	Code of Federal Register
CM	Congestion Mitigation
CMAQ	Congestion Mitigation and Air Quality
CMS	Congestion Management System
CO	Carbon Monoxide
CTAC	Citizen's Transportation Advisory Committee
CTC	Community Transportation Coordinator
CUTR	Center for Urban Transportation Research
D	State-Public Transportation Operations/Planning
DCMMP	Dade County Mobility Management Process
DDA	Downtown Development Authority
DDR	District Dedicated Revenue
DERM	Department of Environmental Resources Management
DI	State-Inter/Intrastate Highway
DIC	Development Impact Committee
DIOH	State In-House Overhead
DRI	Development of Regional Impact
DS	State Primary-Highways & PTO
ELMS	Environmental Land Management Study
EPA	Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FHWA	Federal Highway Administration
FSUTMS	Florida Standard Urban Transportation Model Structure
FTA	Federal Transit Administration
FTP	Florida Transportation Plan
FY	Fiscal Year
GIS	Geographic Information System
HMO	Health Maintenance Organization
HP	Highway Planning
HPR	Highway Planning Research
ISTEA	Intermodal Surface Transportation Efficiency Act
ITS	Intelligent Transportation System
IVHS	Intelligent Vehicle Highway System
LCB	Local Coordinating Board
LF	Local Funds

LOS	Level Of Service
L RTP	Long Range Transportation Plan
MDTA	Metro Dade Transit Agency
MMP	Mobility Management Process
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NOx	Oxides of Nitrogen
O-D	Origin Destination
PD&E	Planning Development and Engineering
PDR	Planning Development and Regulation
PEA	Planning Emphasis Areas
PL112	FHWA Planning Funds Section 112
PTO	Public Transportation Office
RCI	Roadway Condition Index
RTA	Regional Transit Authority
RTO	Regional Transit Organization
RUSH	Resourceful Use of Streets and Highways
SERPM	Southeast Regional Planning Model
SIP	State Implementation Plan
SOV	Single Occupancy Vehicle
SPR	State Planning and Research
SRPP	Strategic Regional Policy Plan
SSD	State Service Development
STP	Surface Transportation Program
STS	Special Transportation Services
TAD	Transit Analysis District
TAZ	Traffic Analysis Zone
TARC	Transportation Aesthetics Review Committee
TCM	Transportation Control Measure
TCRA	Tri-County Rail Authority
TD	Transportation Disadvantaged
TDP	Transit Development Plan
TIP	Transportation Improvement Program
TMA	Transportation Management Association
TMS	Transportation Management System
TMS/H	Traffic Monitoring Systems for Highways
TPC	Transportation Planning Council
TPTAC	Transportation Planning Technical Advisory Committee
UPWP	Unified Planning Work Program
U.S.C.	United States Code
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VHT	Vehicle Hours Traveled
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
WPI	Work Program Item

RESOLUTION APPROVING THE FY 1998 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 1998 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 1998 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 1998 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.

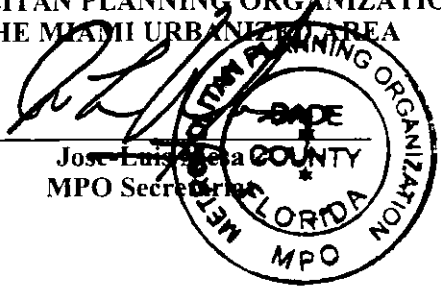
The foregoing resolution was offered by Board Member Javier Souto, who moved its adoption. The motion was seconded by Board Member James Burke, and upon being put to vote, the vote was as follows:

Board Member Miriam A. Alonso	-	absent
Board Member James Burke	-	absent
Board Member Barbara M. Carey	-	aye
Board Member Miguel Diaz de la Portilla	-	aye
Board Member Renier Diaz de la Portilla	-	aye
Board Member Betty T. Ferguson	-	aye
Board Member Bruce Kaplan	-	absent
Board Member Richard N. Krinzman	-	aye
Board Member Natacha Seijas Millan	-	aye
Board Member Jimmy Morales	-	aye
Board Member Dennis C. Moss	-	aye
Board Member Pedro Reboredo	-	aye
Board Member Katy Sorenson	-	aye
Board Member Javier D. Souto	-	absent
Board Member Raul Valdes-Fauli	-	aye
Chairperson Gwen Margolis	-	aye

The Chairman thereupon declared the resolution duly passed and adopted this 20th day of May, 1997.

METROPOLITAN PLANNING ORGANIZATION
FOR THE MIAMI URBANIZED AREA

By



Jose Luis Mesa
MPO Secretary

CERTIFICATION
OF
RESTRICTIONS ON LOBBYING

I. Armando Vidal, P.E., County Manager, hereby certify on
(name and title of grantee official)

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

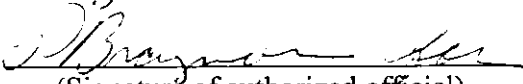
(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection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

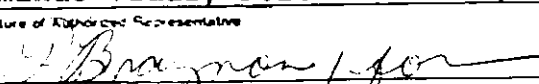
This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U. S. Code. Any person who fails to 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 15 day of May, 19 97.

By 
(Signature of authorized official)

Assistant 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 MPO for the Miami Urbanized Area		Organizational Unit Office of the Secretariat															
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): 59-60000573		7. TYPE OF APPLICANT: (enter appropriate letter in box) <table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;"> A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District </td> <td style="width:50%; border: none;"> H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify <u>MPO</u>) </td> </tr> </table>		A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District	H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify <u>MPO</u>)												
A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District	H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization 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): <table style="width:100%; border: none;"> <tr> <td style="width:33%; border: none;">A. Increase Award</td> <td style="width:33%; border: none;">B. Decrease Award</td> <td style="width:33%; border: none;">C. Increase Duration</td> </tr> <tr> <td style="border: none;">D. Decrease Duration</td> <td colspan="2" style="border: none;">Other (specify)</td> </tr> </table>		A. Increase Award	B. Decrease Award	C. Increase Duration	D. Decrease Duration	Other (specify)		9. NAME OF FEDERAL AGENCY: FTA, Region IV									
A. Increase Award	B. Decrease Award	C. Increase Duration															
D. Decrease Duration	Other (specify)																
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 20-505 TITLE		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Miami Urbanized Area FY 1997 Unified Planning Work Program															
12. AREAS AFFECTED BY PROJECT (cities, counties, states etc.) Metropolitan Dade County, Florida																	
13. PROPOSED PROJECT Start Date Ending Date		14. CONGRESSIONAL DISTRICTS OF a. Applicant b. Project 13,14,15 13,14,15															
15. ESTIMATED FUNDING <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">a. Federal</td> <td style="width:80%;">\$ 608,607</td> </tr> <tr> <td>b. Applicant</td> <td>\$ N/A</td> </tr> <tr> <td>c. State</td> <td>\$ 76,076</td> </tr> <tr> <td>d. Local</td> <td>\$ 76,076</td> </tr> <tr> <td>e. Other</td> <td>\$</td> </tr> <tr> <td>f. Program Income</td> <td>\$</td> </tr> <tr> <td>g. TOTAL</td> <td>\$ 760,759</td> </tr> </table>		a. Federal	\$ 608,607	b. Applicant	\$ N/A	c. State	\$ 76,076	d. Local	\$ 76,076	e. Other	\$	f. Program Income	\$	g. TOTAL	\$ 760,759	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? a. YES THIS PERAPPLICATION, APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON Date _____ 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	
a. Federal	\$ 608,607																
b. Applicant	\$ N/A																
c. State	\$ 76,076																
d. Local	\$ 76,076																
e. Other	\$																
f. Program Income	\$																
g. TOTAL	\$ 760,759																
		17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <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 Armando Vidal, P.E.		b. Title County Manager	c. Telephone number (305)375-5311														
d. Signature of Authorized Representative 		e. Date Signed 5-28-97															

Previous Editions Not Usable

Standard Form 424 REV 4-86
 Prescribed by OMB Circular A-102

Appendix A

FEDERAL FY 1999 CERTIFICATIONS AND ASSURANCES FOR FTA ASSISTANCE

Name of Applicant: Miami urbanized area MPO

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

OR

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

- I. Certifications and Assurances Required of Each Applicant.
(Previous Category II, Procurement, is now Category I, paragraph H.) _____
- II. Lobbying Certification. _____
- III. Public Hearing Certification for Major Projects with Substantial Impacts _____
- IV. Certification for the Purchase of Rolling Stock _____
- V. Bus Testing Certification. _____
- VI. Charter Bus Agreement. _____
- VII. School Bus Agreement. _____
- VIII. Certification for Demand Responsive Service _____
- IX. Substance Abuse Certifications Required by January 1, 1996. _____
- X. Assurances Projects Involving Real Property _____
- XI. Certifications for the Urbanized Area Formula Program _____
- XII. Certifications for the Elderly and Persons with Disabilities Program _____
- XIII. Certifications for the Nonurbanized Area Formula Program _____

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

Appendix A

FTA CERTIFICATIONS AND ASSURANCES FOR FEDERAL FISCAL YEAR 1996

Name of Applicant: Miami Urbanized Area MPO

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

BY SIGNING BELOW I, Armando Vidal (name), declare that I the Applicant has duly authorized me to make these certifications and assurances on the Applicant's behalf and bind the Applicant's compliance. Thus, the Applicant agrees to comply with all Federal statutes, regulations, executive orders, and administrative guidance required for each application it makes to the Federal Transit Administration (FTA) in Federal Fiscal Year 1996.

FTA intends that the certifications and assurances the Applicant selects on the other side of this form, as representative of the certifications and assurances in Appendix A, should apply, as required, to each project for which the Applicant seeks now, or may later, seek FTA assistance during Federal Fiscal Year 1996.

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

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

Date 5-28-97

a. [Signature]
Authorized Representative of Applicant

AFFIRMATION OF APPLICANT'S ATTORNEY

for Miami MPO (Name of Applicant)

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

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

Date: 5/30/97

b. [Signature]
Applicant's Attorney

Date _____

c. _____

The Applicant's legal counsel is required to affirm the legal capacity of the Applicant, except that an Applicant seeking only an FTA university and research training grant authorized by 49 U.S.C. 5312(h) need not submit an Attorney's Affirmation. The Attorney's Affirmation used for a previous FTA project generally may be used in Fiscal Year 1996, provided the Applicant's circumstances have not changed in a way that makes the certifications invalid and the Attorney's Affirmation remains on file in the Applicant's offices readily available to FTA. In that case, line "b" should remain blank, and the same Authorized Representative signs "a" and "c." See Procedures in introduction section. Note: FTA, however, reserves the right to require an Attorney's signature on line "b."

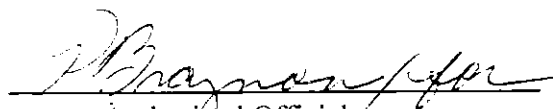
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

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.

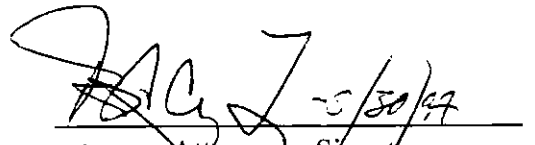
THE PRIMARY (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT), THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31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



Authorized Official

Assistant County Manager

Title of Authorized Official



Attorney's Signature
Assistant County Attorney

5-28-97

Date

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI
URBANIZED AREA
1998 UNIFIED PLANNING WORK PROGRAM**

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	\$153,000	A-1
1.02	Long Range Transportation Plan Update	\$265,000	A-4
1.03	Transportation/Land Use Coordination	\$216,200	A-7
1.04	Socio-Economic Data	<u>\$135,000</u>	A-9
	(Objective A total)	\$769,200	

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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	\$225,100	B - 1
2.02	Short-Range Transit Planning	\$59,000	B - 3
2.03	Highway Traffic Counting Program	\$50,000	B - 4
2.04	Development of Integrated Trans. Management Systems *	\$75,000	B - 5
2.05	Greenways and Trails Maintenance Authority Study	\$60,000	B - 7
2.06	Continuing Technical Support for Transportation Management Associations	\$60,000	B - 9
2.07	Transit Route-Level Monitoring	\$426,600	B - 11
2.08	Transit Financial Capacity Assessment	\$20,500	B - 12
2.09	Transit Reporting	\$104,900	B - 13
2.10	Tri-Rail Coordination	\$200,000	B - 14
2.11	Transit Ridership Forecasting	\$21,600	B - 16
2.12	Congested Intersection Improvements *	\$35,000	B - 17
2.13	Private Sector/Public-Transportation Service Study *	\$54,000	B - 19
2.14	Aesthetics & Urban Design in Trans. Planning and Project Dev. Processes	\$45,000	B - 23
2.15	Specific Area Planning and Design for Improving Mobility	\$40,000	B - 26
2.16	NW/SW 1st Avenue Extension Project *	\$25,000	B - 28
2.17	Conduct Transit Market Research	<u>\$71,600</u>	B - 30
	(Objective B total)	\$1,573,300	

* Project carried forward from FY 1997 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	\$120,000	C - 1
3.02	Downtown Miami Transportation Masterplan	\$60,000	C - 3
3.03	Center for Urban Transportation Research Support	\$100,000	C - 6
3.04	Comprehensive Bicycle/Pedestrian Planning Programs	\$135,000	C - 8
3.05	Improving Regional Transportation Planning	\$25,000	C - 11
3.06	Station Area Aesthetics, Design and Development Planning	\$85,000	C - 14
3.07	Vanpool Marketing Program *	\$65,000	C - 17
3.08	Historical Impacts of Transportation Projects in the Overtown Area*	\$100,000	C - 19
3.09	Alternatives for Intermodal Improvements in Dade County *	\$55,000	C - 21
3.10	Effects of Transportation Plan Development on Minority and Impoverished Communities	<u>\$35,000</u>	C - 23
(Objective C total)		\$780,000	

* Project carried forward from FY 1997 UPWP.

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OBJECTIVE D: TRANSPORTATION PLANNING DECISION-MAKING AND FUNDING

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>FUNDING</u>	<u>PAGE</u>
4.01	UPWP Administration	\$70,000	D - 1
4.02	MPO Board Staff Support	\$232,000	D - 3
4.03	UPWP Development	\$60,000	D - 5
4.04	Transportation Improvement Program	\$200,900	D - 7
4.05	Citizen and Private Sector Involvement	\$155,000	D - 9
4.06	Technical Committees Support	\$95,000	D - 11
4.07	Transportation Disadvantaged (TD) Planning	\$63,068	D - 13
4.08	American with Disabilities Act (ADA) Planning for Compliance	\$137,400	D - 15
4.09	FTA Civil Rights Requirements	\$41,700	D - 16
4.10	Legislative Assessments	\$10,000	D - 17
4.11	MPO Program Support Services	\$165,000	D - 18
4.12	ADA Required Infrastructure Improvements	\$10,000	D - 19
4.13	Municipal Grant Program	\$197,500	D - 21
4.14	Public Information Program	<u>\$246,500</u>	D - 22
		\$1,684,068	

TOTAL FY98 PROGRAM FUNDING

\$4,806,568

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OBJECTIVE E: STATE PLANNING PROGRAM

<u>NO.</u>	<u>PROJECT DESCRIPTIONS</u>	<u>PAGE</u>
5.01	State Planning Project Summary	E- 1
5.02	State Support to the MPO Planning Program	E - 30
5.03	Major Investment Studies (MIS) and Corridor Studies	E - 33
5.04	Management Systems Progress Report	E - 36

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Metropolitan Planning Organization Transportation Planning Process

1.0 INTRODUCTION

In Metropolitan 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 Dade County and the Florida Department of Transportation. Senate Bill 295, passed during the 1988 Legislative Session, amended s339.179, F.S. to increase the number of voting members by two additional members. In the 1993 Legislative Session, Senate Bill 1328 was passed adding another member to the MPO. Voting Members are designated by the State Governor and include the following: all thirteen Dade County Commissioners, an elected municipal official, a representative from the citizenry of the unincorporated portion of Dade County and a member of the Dade County School Board. The Florida Department of Transportation (FDOT) has two non-voting representatives on the MPO Board. Membership of the Dade County MPO is constituted under the Chartered County option allowed by the State Statutes.

A major role of the MPO is to insure 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. The Florida Department of Transportation adopts the MPO's Long-Range Transportation Plan as the guide plan for implementing state transportation system improvements in Dade County. Federal, state and local transportation planning funds are provided on an on-going basis to insure the effectiveness of the MPO process.

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

In performing its major functions, the MPO :

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

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

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

2.0 LEGAL BASIS AND STRUCTURE OF THE METROPOLITAN PLANNING ORGANIZATION

2.1 Legal Basis: Federal Laws

Section 134 of Title 23 of the U.S. Code states that it is in the national interest to encourage and promote the development of transportation systems embracing various modes of transportation in a manner that will serve the states and local communities efficiently and effectively. To this end, it empowers the U.S. Secretary of Transportation to cooperate with the state and local officials in the development of transportation plans and programs, formulated on the basis of transportation needs with due consideration to comprehensive long-range land use plans and overall social, economic, environmental, system performance, and energy conservation goals and objectives. It also indicates that the transportation planning process must include an analysis of alternative transportation system management and investment strategies to make more efficient use of existing facilities. The process is to consider all modes of transportation and needs to be continuing, cooperative, and comprehensive, to the degree appropriate and based on the complexity of the transportation problems being assessed.

In 1991, the Intermodal Surface Transportation Efficiency Act (ISTEA) amended title 23 U.S.C., and the Federal Transit Act (FTA) by revising sections 134 of title 23 and 8 of the FTA. The new legislation recognized that the nation's transportation systems are intricately tied to our economy, public health and quality of life. ISTEA requires intermodal and multimodal approaches to transportation planning to meet mobility needs. This approach includes a significantly enhanced role for the MPO, as the urban area forum for establishing transportation policy and for implementing this policy through the metropolitan TIP and the project selection process. ISTEA calls for the TIP to present a priority list of projects to be carried out and for inclusion of a project only if full funding can be available within the time period contemplated for completion of the project.

ISTEA consists of three major provisions: 1) the ability to transfer funds between categorical funding programs depending on the best strategy, 2) implementation of the Clean Air Act Amendment of 1990 (CAAA), to attain national ambient air quality standards, and 3) the development of the TIP with public participation from interested individuals and groups.

Federal legislation also authorizes the Secretary of Transportation to make grants or loans to assist states and local public bodies and agencies in financing transportation projects which enhance the effectiveness of public transportation. Planning funds are apportioned to states in accordance with a fair and equitable formula. The formula is approved by the Secretary and considers, but is not necessarily limited to, population, status of planning, and metropolitan area transportation needs. In addition to the guidelines for the distribution of transportation planning funds contained in U.S.C. Title 23, Title 49 of the Code of Federal Regulations details the nature and distribution formulas for transit planning funds as authorized by the Urban Mass Transportation Act of 1964 and the more recent ISTEA.

2.2 Legal Basis: State Statutes

The Metropolitan Planning Organization for the Miami Urbanized Area was created March 23, 1977 under the authority of Chapter 163 of the Florida Statutes. Section 163.01 of the Statute provides that governmental agencies may enter into Interlocal Agreements permitting the joint exercise of such powers or authority that the agencies share in common or that each might exercise separately.

The Board of County Commissioners of Metro-Dade County and the Florida Department of Transportation, using such an Interlocal Agreement, gave the MPO the authority to organize itself to conduct a "continuing, cooperative and comprehensive transportation planning and programming process." The Agreement was designed to make the MPO an effective instrument for developing plans and programs that would thereafter be implemented.

Although the membership of the MPO Governing Board is largely composed of individuals who serve on the Board of County Commissioners, the two boards are separate and distinct. The Board of County Commissioners, a general-purpose local governing body consisting of locally-elected officials, exercises the powers delegated to it by the Metropolitan Charter. The MPO Board, on the other hand, possesses no powers of local self-government and acts within the policy realm of transportation only. While the Board of County Commissioners is responsible primarily to the electorate of Metropolitan Dade County, the MPO Board is primarily responsible to the State Governor and to the federal agencies that provide funding for transportation projects and mandate planning requirements as a precondition for funding. In other major metropolitan areas, MPO Boards are markedly different than local governmental boards and are composed of officials representing the various municipalities in the given urban area. The unique structure used by Metropolitan Dade County, however, enhances coordination between the two boards, and tends to facilitate the process of advancing from plans to implementation of transportation projects.

The existing Interlocal Agreement states that the MPO has the power to do the following:

- Enter into contracts or agreements, other than Interlocal Agreements, with local and/or State agencies to utilize the staff resources of those agencies.
- Administer its affairs and business.

- Enter into agreements other than Interlocal Agreements, with the Department of Transportation, operators of public mass transportation services, and the areawide and regional A-95 agencies.
- Enter into contracts for professional services.
- Acquire, own, operate, maintain, sell or lease any real or personal property.
- Promulgate rules to effectuate its powers, responsibilities, and obligations provided said rules do not supersede or conflict with applicable local and state laws, rules and regulations.
- Accept funds, grants, assistance gifts, or bequeaths from local, State and Federal sources.

The Agreement also specifies that the MPO will provide for an appropriate organization to administer its business and affairs, set up a community involvement structure and establish a process to evaluate the technical adequacy of transportation planning activities.

2.3 Management Services Contract

To carry out its duties, the MPO entered into a Management Services Agreement with the Metro-Dade Board of County Commissioners. Major elements of this Agreement are:

- The County shall furnish the MPO with the professional, technical, administrative and clerical service, the supplies, the equipment, the office and other space, and such other incidental items as may be required and necessary to manage the business and affairs of the MPO and to carry on the transportation planning and programming process.
- The County Manager of Dade County shall be responsible to the MPO Board for the conduct of the transportation planning process as well as the appointment, assignment, direction and control of all personnel necessary thereto; the development of an appropriate organizational structure and the development of procedures to monitor and coordinate the planning process.
- The County Manager shall prepare annually a detailed listing of all tasks necessary and incidental to carrying out the planning process.
- The head of each County department or agency participating in the transportation planning process shall be deemed a technical advisor in the field of his competency and shall be expected to provide the MPO with expert advice or perform such duties incidental hereto as the County Manager shall assign.
- The County Attorney shall be the legal advisor to the MPO and shall represent the MPO in all legal matters, provided that, with the concurrence of the County Attorney, the MPO may employ special council for specific needs.
- A Secretariat Staff Office is to be designated by the County Manager and serve at his pleasure.
- The County Manager shall prepare an annual budget on an October 1 to September 30 fiscal year basis. The budget shall identify funding sources, participating agencies and the level of participation by the various agencies.

2.4 Organization Structure

The organizational structure of the MPO is designed for the administration, coordination and monitoring of a cooperative venture of participating agencies. These agencies perform interdependent functions supporting development of an integrated transportation plan and

programs to implement it. The work of the organization is carried out within the structure. Following is a brief description of major MPO structural elements:

2.4.1 The MPO Governing Board

The MPO Governing Board is composed of sixteen voting members, and two non-voting members. The non-voting members are accorded the same rights and privileges as other members, except the right to present resolutions or motions or to vote on them.

The Chairperson of the Governing Board is ex-officio the Chairperson of the Metro-Dade Board of County Commissioners (BCC). A Vice Chairperson must also be selected by the Governing Board. Normally, the Vice-Chair of the BCC serves in this capacity.

The Governing Board is vested with the responsibility for exercising the powers of the MPO including the final decision on all policy matters, adoption or endorsement of transportation plans and programs, adoption of budgets, approval of agreements or contracts, adoption of rules, and establishing or changing its internal operating structure. In addition, the Board may appoint special committees and task forces composed of public and/or official representatives for the purpose of seeking advice and recommendations as necessary.

2.4.2 The Dade County Manager

The County Manager of Metro-Dade is responsible for the conduct of the transportation planning process including appointment, assignments, direction and control of all necessary MPO personnel. The County Manager recommends to the Governing Board the appropriate structure to carry out the responsibilities set forth in the Agreement between the MPO and the Board of County Commissioners, and recommends procedures by which the transportation planning process may be monitored and coordinated. The County Manager is the principal advisor to the Governing Board in all matters under its jurisdiction.

2.4.3 The Legal Counsel

The County Attorney of Dade County is the legal counsel to the MPO. The Legal Counsel attends all meetings of the MPO and approves the form and legal sufficiency of all contracts and agreements entered into by the MPO.

2.4.4 The Director of the MPO Secretariat

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

2.4.5 The Transportation Planning Council (TPC)

The Transportation Planning Council is composed of voting and non-voting members.

The Metro-Dade primary and alternate Council members are appointed by the County Manager and are normally the Directors of County departments participating in the transportation planning process and their designees. Other voting members include senior technical staff and respective alternates from the Florida Department of Transportation, the State Department of Environmental Regulation, the Tri-County Commuter Rail Authority, the Dade County School Board and the Dade County League of Cities. Non-voting members include technical staff of pertinent federal, state, and regional agencies and the Secretariat Director. Only in the absence of the respective Directors at Council meetings may the alternates exercise their right to vote.

The Director of the MPO Secretariat, in consultation with the Transportation Planning Council Chairman, develops and prepares the Transportation Planning Council agenda, gives notice of its meetings, keeps minutes and records of its proceedings, prepares resolutions and reports, and sees that the policies and directives of the Council are carried out.

Membership on the Council is as follows:

- Chairman - Appointed by the Metro-Dade County Manager
- Director and Designee - Department of Planning, Development and Regulation
- Director and Designee - Dade County Public Works Department
- Director and Designee - Dade County Seaport Department
- Director and Designee - Dade County Aviation Department
- Director and Designee - Dade County Environmental Resources Management Department
- Director and Designee - Metro-Dade Transit Agency
- Director and Designee - Tri-County Commuter Rail Authority
- Representatives (2) - Florida Department of Transportation District VI
- Representative - Florida Department of Environmental Protection
- Representative - Dade County League of Cities
- Representative - Dade County School Board
- Director - Dade County Expressway Authority
- Non-Voting Membership:
 - Representative - South Florida Regional Planning Council
 - Director, Metropolitan Planning Organization Secretariat

The Transportation Planning Council is responsible for the overall technical adequacy of the MPO planning program and advises the Governing Board on the various proposed program actions. While the agencies participating in the planning process are responsible for the day-to-day conduct and management of transportation planning work activities, as specified in the Unified Planning Work Program (UPWP), the TPC has ultimate responsibility for the technical adequacy of the various products that are transmitted to the Governing Board for acceptance and adoption.

The Transportation Planning Council relies on three standing committees concerned with major products of the transportation planning program. These committees are:

- Unified Planning Work Program (UPWP) Committee
- Transportation Plan Technical Advisory Committee (TPTAC)
- Transportation Improvement Program (TIP) Development Committee

In addition, the TPC establishes inter-agency task forces and special committees to ensure coordination of important concerns as needs arise. Members and chairpersons of TPC Committees and Task Forces are named by the TPC Chairman or the County Manager. Coordination and guidance of the activities of the various committees and task forces is provided by the Director of the MPO Secretariat. The function of a standing TPC committee or a Task Force is to provide oversight and pertinent recommendations on key activities and products before they are considered by the TPC. As such they:

- Review and monitor overall schedules for undertaking critical work elements leading to transportation planning decisions, with a concern for important milestones where TPC and MPO Board considerations are desired.
- Review generalized work programs developed by Project Managers before work is begun.
- Establish consistent formats for the transportation planning process.
- Review milestone products and other documents to ensure technical adequacy.

Standing committees and task forces provide periodic status reports to the TPC and offer suggestions to the TPC on the advisability of recommending approval of transportation planning documents (e.g. the Unified Planning Work Program and the Transportation Improvement Program) by the Governing Board.

2.4.6 Citizens' Transportation Advisory Committee

The Citizens' Transportation Advisory Committee (CTAC) consists of two members appointed by, and serving at the pleasure of, each voting MPO Board Member. CTAC appointments are made at the Board's discretion and may be based on recommendations by the County Manager. The members are appointed from both the general public and from civic organizations, in order to provide citizens with the opportunity to become involved in the transportation planning process either by geographic area or because of a special interest.

The CTAC evaluates the recommendations generated during the development of the MPO's transportation plan, and serves as a forum to raise issues pertinent to the process. One of the CTAC's main responsibilities is to ensure that proposed transportation projects are responsive to the community's perceived needs and goals.

The duties of the CTAC include, but are not limited to, reviewing the program's technical work products prior to their submission to the MPO Governing Board for approval; monitoring the public involvement process and recommending improvements to increase its effectiveness or overcome perceived deficiencies; and dealing with other transportation planning matters as necessary. The CTAC also advises the Board of County Commissioners on all other transportation matters.

2.4.7 Bicycle/Pedestrian Advisory Committee

The Bicycle/Pedestrian Advisory Committee (BPAC) consists of no less than nine (9) and no more than twenty (20) voting members. These individuals represent a variety of backgrounds, including representatives from organizations and groups such as: bike clubs, civic organizations, walking/running clubs, educators, engineers, and the elderly. Members are appointed by the MPO Governing Board upon recommendation of the County Manager.

The functions and responsibilities of the Committee include, the review of bikeways and pedestrian mobility planning, plans review and recommendation, and coordination of education, enforcement and encouragement of bicycle and pedestrian considerations.

2.4.8 Transportation Aesthetics Review Committee

The Transportation Aesthetics Review Committee (TARC) was created by the MPO as part of the MPO review process for architectural and aesthetics review of major bridges and transportation projects.

Each voting MPO board member is permitted one at large appointee. There is no geographical requirement. Most appointees have a design background (including architects, landscape architects and planners).

The mission of the TARC is to ensure that high visibility transportation projects are reviewed for their aesthetic impact on the community before contracts are finalized.

2.4.9 Review by Dade County Municipalities

The Miami Urbanized Area has twenty-eight incorporated municipalities. The transportation planning and programming process directly impacts the interests and activities of these entities. To provide a mechanism to evaluate the products and recommendations made from the transportation planning process, a municipal review procedure, also referred to as the "intergovernmental process", has been established to allow for the proper consideration of the interests of the municipalities. This procedure provides elected and appointed municipal officials with a continuing opportunity to give timely and organized input to the transportation planning process. All planning proposals and other formal matters relating to urban area transportation programs and projects are routinely submitted in draft form to municipal authorities.

2.4.10 Participating Agencies

The staff resources of the MPO are those of its participating agencies as well as those assigned to the Secretariat office. Personnel is assigned from the participating agencies to perform specific MPO duties as the need arises.

Agencies regularly providing staff resources for the completion of MPO program activities are as follows:

1. Office of the County Manager
2. County Attorney

3. Metro-Dade Transit Agency
4. Metro-Dade Planning Department
5. Metro-Dade Public Works Department
6. Metro-Dade Seaport Department
7. Metro-Dade Aviation Department
8. Metro-Dade Environmental Resources Management Department
9. Tri-County Commuter Rail Authority
10. Florida Department of Transportation
11. South Florida Regional Planning Council

Other municipal and public agencies also provide various levels of technical support on a periodic basis.

2.5 Functional Responsibilities of Participating Agencies

Each agency participating formally in the MPO program has been assigned a level of responsibility commensurate with its normal involvement in the development and operation of urban transportation system facilities. The County's Aviation Department and Seaport Department, for example, not only have a relationship to the main effort but are included so as to maintain the integrity of the total multi-modal transportation system concept. The County's Environmental Resources Management Department is included so that the environmental impact of motor vehicle emissions may be kept under continuous surveillance and that if levels become too high, corrective measures can be considered for inclusion in the short and long range transportation plans.

2.5.1 County Manager

The County Manager oversees the effectiveness of the transportation planning process and the timely completion of work products, and is ultimately responsible for the efficient management of the administrative affairs of the organization. The MPO Secretariat Director and staff are housed in the County Manager's Office and the Manager participates in the transportation planning and programming process by performing these functions:

- Acts as Principal advisor to the Governing Board;
- Provides overall direction of the County transportation planning process; and,
- Provides overall supervision of the County technical staff.

2.5.2 County Attorney

The Dade County Attorney is the legal counsel to the MPO. The Legal Counsel attends all meetings of the MPO Governing Board and performs the following functions:

- Provides legal advice to the Governing Board;
- Reviews and approves all legal documents, contracts and other instruments for form and legal sufficiency; and,
- Represents the MPO in all legal actions.

2.5.3 Metro-Dade Public Works Department

It is the responsibility of this agency to carry out highway surveillance activities. In addition, this agency assigns professional, technical or other personnel to:

- Assist in developing MPO plans and priorities for arterial street improvements and in the preparation of the TIP;
- Perform highway surveillance studies and furnish traffic data as necessary;
- Estimate auto traffic generation for Development Impact Committee reviews; and,
- Provide technical support to the MPO on the resolution of highway issues and evaluation of proposals originating from citizen groups.

2.5.4 Metro-Dade Transit Agency (MDTA)

MDTA has responsibility for operation of all public mass transit in the metropolitan area. Additionally, this Agency does the following in the context of the MPO program:

- Assist in developing MPO plans and priorities for urban area transit improvements;
- Perform transit ridership and surveillance studies and furnish transit data as necessary;
- Develop plans for paratransit services;
- Develop plans for elderly and handicapped transportation services;
- Develop reports to document local compliance with all federal and state transit service planning requirements; and,
- Provide technical support to the MPO in the resolution of transit issues and also in the evaluation of proposals originating from citizen groups.

2.5.5 Metro-Dade Department of Planning, Development and Regulation

The Department of Planning, Development and Regulation functions as the official areawide comprehensive planning agency in performing MPO-related technical planning activities. The Planning Department has responsibility for the following:

- Review the Transportation Plan for consistency with other elements of the Comprehensive Development Master Plan and other functional plans;
- Collect, develop, and evaluate land use and socio-economic data for input into travel demand forecasts;
- Prepare land use and socio-economic forecasts; and,
- Determine environmental impacts of proposed transportation projects.

2.5.6 Metro-Dade Seaport Department

It is the responsibility of this agency to ensure that appropriate consideration is given to its landside access requirements. The agency has the responsibility for performing the following tasks:

- Evaluate highway and transit plans with respect to impact on Seaport; and,
- Prepare ground transportation capital development plans for inclusion in the TIP as necessary.

2.5.7 Dade County Aviation Department

It is the responsibility of this agency to ensure that appropriate consideration is given to its landside access requirements. The agency is responsible for performing the following tasks:

- Evaluate highway and transit plans with respect to impact upon airports in the County; and,
- Develop airport ground transportation capital plans for inclusion in TIP as necessary.

2.5.8 Dade County Environmental Resources Management Department

It is the responsibility of this agency to monitor motor vehicle emissions and to determine the impact of these emissions on air quality standards. The agency is responsible for performing the following tasks:

- Evaluate highway and transit plans with respect to air quality and other environmentally-related areas; and,
- Conduct surveillance activity relating to vehicular air quality.

2.5.9 Tri-County Commuter Rail Authority

It is the responsibility of this agency to participate in pertinent MPO planning activities, and to work towards effective coordination between the MPO Program and Tri-County Commuter Rail Authority plans and services.

2.5.10 Florida Department of Transportation

It is the responsibility of this agency to participate in all pertinent MPO planning activities, and to work towards effective coordination between State and County transportation programs. This agency also provides liaison between the MPO and the various agencies of the United States Department of Transportation (USDOT) .

2.5.12 Dade County Expressway Authority

The District Secretary for District VI appoints the person(s) to represent the FDOT on the Transportation Planning Council. In addition, FDOT assigns professional, technical and other personnel to perform the following tasks:

- Assist in the development of MPO plans and priorities for primary road construction and improvements in the urban area; and,
- Provides traffic data for projects in the MPO jurisdiction.

2.5.11 South Florida Regional Planning Council

It is the responsibility of the South Florida Regional Planning Council to maintain an on-going review of the MPO Transportation Plan to ensure that it is consistent with the transportation provisions of the Regional Policy Plan for South Florida.

3.0 TRANSPORTATION PLANNING PROGRAM AND PROCEDURES

3.1 The Transportation Plan: Development, Adoption and Implementation

A central feature in the MPO's program efforts is the development and maintenance of an updated Transportation Plan. The Transportation Plan must include a financial feasibility assessment

indicating the funding necessary to implement improvements for its duration. The Plan is required to be intermodal reflecting the widest consideration of modal options to most effectively and efficiently serve mobility needs within metropolitan areas and in terms of nationwide economic goals. Also, the Transportation Plan is subject to air quality conformity requirements established by section 176 of the CAAA.

A Transportation Plan covering a twenty-year planning period is required of all recipients of federal funds. An annual update of the Plan is mandatory and normally, a major updating effort occurs every five years. It is developed by technical staff and represents all transportation modes. All of the various County, State and Federal agencies with transportation planning and implementation responsibilities participate in formulation of the Plan through their staff activities and in the Transportation Plan Technical Advisory Committee's ongoing work. Input from Dade County municipalities is requested and considered on a regular basis.

Also, the Long-Range element of the Transportation Plan is coordinated for consistency with the County's Comprehensive Development Master Plan (CDMP). Provisions of Chapter 163, F.S. limit Metro-Dade County's funding or construction of transportation improvements to projects and facilities which are contained in the CDMP. Because the exclusion of a transportation project or facility from the CDMP could effectively prevent Dade County's participation in the project notwithstanding the project's inclusion in the MPO's Transportation Plan, it may be necessary to amend the CDMP to implement proposals contained in the MPO's Transportation Plan.

Before it is adopted by the MPO Board, the Plan is endorsed by the Transportation Planning Council for review by civic and public organizations including municipalities, the Citizen Transportation Advisory Committee (CTAC) and citizens in general.

The Transportation Plan consists of:

- A statement of overall Goals And Objectives.
- A 20 year Program of Projects, listing all improvements to the transportation system formally identified as necessary and assigning relative priorities to the listed projects. This program of projects is depicted on a long-range plan map and both are adopted formally by the MPO Board. A financial feasibility analysis is also presented with the program of projects.
- A Transportation Improvement Program (TIP) document is the capital improvements element of the Long-Range Plan. This Plan element consists of a five-year program of projects of which one year is current (the Annual Element) and four are future. Each year, the TIP is modified by adding a new fifth year and advancing the first of its future years to current status. The improvements identified in the TIP are carried out through orders of priority expressed through technical analyses conducted for the preparation of the Transportation Plan. These analyses are part of the work defined in the Unified Planning Work Program (UPWP). TIP's are required to be prioritized and financially constrained. The TIP must include transportation management system strategies proposed for implementation during the time frame of the TIP. In air quality nonattainment areas, such as Dade County, priority must be given to transportation control measures (TCMs).

The TIP also identifies all sources of funding that are known or anticipated to be available during the program period. The TIP may be amended at any time during a program year by the same procedures required for developing and adopting the original document. Specific projects

indicated for implementation represent the final expression of the Transportation Plan, and are drawn from the current year of the approved TIP. The Transportation Plan documents are adopted by the Governing Board of the MPO, and accepted by the state and federal agencies involved in local transportation planning and implementation -- the Florida Department of Transportation, the Federal Highway Administration, and the Federal Transit Administration. Projects approved by the MPO Board in the TIP are subsequently implemented by the Board of County Commissioners and, when required, by federal and/or state agencies.

3.2 The Transportation Plan: Amendments

While the improvements and priorities included in the Transportation Plan are based on sound analytical assessment of transportation needs, adjustments to the Plan may be periodically necessary to reflect changes in transportation demand and conditions and findings of detailed project studies, as well as MPO Board-approved requests from its own members or citizen groups and municipalities.

3.2.1 General Plan Amendment Process

Three major steps are involved in amending the Plan: 1) technical review and analysis, 2) citizen involvement, and 3) policy decision. All proposed amendments are to be initially subjected to a technical analysis whereby the proposal(s) will be compared with the current Plan and the technical implications of the change assessed and documented. The direct impact of the change on the affected local area, as well as the impact on other projects in the Plan, is evaluated. Normally, and because of the limited nature of transportation funding resources, these impacts are particularly relevant when priorities for given projects are proposed to be advanced and therefore, priorities for other projects are likely to be negatively impacted. Citizen review procedures in the amendment process are accomplished through the regular citizen activities defined in the MPO process. The Citizens Transportation Advisory Committee plays a key role in this regard.

3.2.2 Timing of Plan Amendments

Amendments are considered as part of an annual review and amendment procedure that culminates in October of each year. The timing is ideal because it ensures an up-to-date planning input of projects to be included in the Florida Department of Transportation's Five Year Work Program, which is endorsed by the MPO in December of each year. In turn amendments are also considered as primary input in the preparation of the Metro-Dade Transportation Improvement Program, adopted by the MPO Board in May of each year.

If emergency situations occur in mid-year, special Plan amendments are possible. Requirements for technical review, citizen involvement, and policy deliberation are the same as for amendments made as part of the annual cycle.

3.2.3 Initiation of Amendments

Proposed amendments to the Transportation Plan are initially considered by the Transportation Planning Council, following a technical review by its Transportation Plan Technical Advisory Committee.

Amendments can be officially proposed by members of the MPO Board, the County Manager, any County department, the Florida Department of Transportation, Dade County municipalities, the Citizen Transportation Advisory Committee and any interested organization or individual. The regular annual Plan amendment process begins in October of each year.

3.3 Impact Fee Process

As adopted by local ordinance #88-112 on December 6, 1988, the transportation planning process of the Metropolitan Planning Organization (MPO) is utilized in Dade County to assure that expenditures of Road Impact Fee revenues on highway projects are properly prioritized and scheduled. This planning process considers recommendations from a Joint County/Municipal Staff Committee. The Transportation Plan Technical Advisory Committee (TPTAC) functions as the County representative on this Joint Staff Committee. Highest priority for Impact Fee trust account expenditures are for roadway improvements determined by the Dade County MPO Governing Board as most needed to serve new development. The annual program for expenditure of roadway improvement projects utilizing Road Impact Fee trust fund monies is presented to the MPO Board at the time of the annual Transportation Improvement Plan approval action. The administration for this process conforms to the rules established in the Metro-Dade Road Impact Fee Manual.

3.4 Unified Planning Work Program (UPWP)

The annual program of technical studies and related activities that support the transportation planning and improvement programs is contained in the Unified Planning Work Program. Example of activities included in the UPWP are: program administration; data surveillance; travel modeling and forecasting; community involvement; highway, transit, special technical studies, and other aspects of technical support necessary to the transportation planning process. In the UPWP document, the local or state agencies involved in each phase of the program are indicated, as are the costs and methodologies used in the process. The work program is in support of goals and objectives established by the MPO, and relates to state and national transportation program areas of emphasis. The levels and sources of federal, state or local funds to support the program are described and products from the various technical or support activities are identified.

The UPWP includes a discussion of all urban area transportation planning activities and a description of transportation related air quality planning activities and documentation of all work to be performed with Federal planning assistance under sections 8,9 or 26(a)(2) of the FTA 49 U.S.C. and 23 U.S.C. The document is developed under the guidance of the Transportation Planning Council and is approved by the MPO Governing Board and the appropriate state and federal agencies.

3.5 Annual Cycle of MPO Documents

Many aspects are taken into account in the establishment of procedures and calendar dates. Elements such as the administrative fiscal years of the agencies involved, dates when documents are required by the funding federal agencies, state requirements concerning FDOT plans and programs and the allowance of reasonable periods of time for formal review by the various committees involved are all aspects considered in the development of this annual cycle.

The FDOT Five Year Work Program, for example, is not a formal MPO document, however, it is an item of critical significance to the program since the projects included in the Work Program for any given time period are also submitted by the FDOT for inclusion in the MPO's TIP for the same period.

4.0 PROGRAM MONITORING, REVIEW AND REPORTING

4.1 Program Management

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

4.2 Monitoring

A monitoring process is applied to the transportation planning and programming process by the Transportation Planning Council through the Director of the MPO Secretariat to ensure that:

- Programs and projects are consistent with adopted MPO policies;
- Programs and projects are responsive to identified issues and problems;
- Changes are consistent with Comprehensive Development Master Plan and Transportation Plan recommendations;
- The surveillance program produces the data required to support transportation planning recommendations; and,
- The products of the planning work program serve their intended purpose and are cost effective.

4.3 Review

Responsibility for the overall direction and control of Administrative and Technical review rests with the Transportation Planning Council. The review process is used to develop recommendations for desirable changes in current and proposed transportation plans and programs in terms of policy, technical procedures, administration and coordination.

4.4 Reporting

A reporting system is used to review the status, progress, and achievements of the MPO at all levels. Quarterly reports on the status of the UPWP are prepared by the Director of the MPO Secretariat based on project reports furnished by individual Project managers. They are submitted to the TPC for review and acceptance.

The Director of the MPO Secretariat prepares additional summary reports to the Governing Board, the Transportation Planning Council, and others informing them of performance, progress and compliance with goals and objectives of the overall MPO program.

5.0 PUBLIC INVOLVEMENT PROCEDURE

5.1 Goal

The main goal of the proposed process is to distribute information to the general public regarding MPO transportation plans and programs to consider all comments and incorporate the agreed upon modifications prior to the adoption of the plans. This is a two-way exchange of information

5.2 Objectives

To develop effective citizen participation, by attracting a larger number of interested citizens and organizations which will provide decision-makers with reliable community input.

To achieve adequate support for transportation-related plans by providing timely and reliable information to the public.

To create a process tailored to local circumstances.

To establish an adequate mechanism to evaluate the openness, fairness and responsiveness of the process.

5.3 Additional Elements Considered in the Process

A well-organized citizen participation program involves elements that must be considered in the process. Among them are:

Defining the role of the public in the process.

Determining the methodology and strategies to be included in the process.

Including a broad mix of techniques and combine them as appropriate.

Establishing a commitment for the level of resources (funding and staffing) according to the priority of the plan.

Establishing procedures to evaluate the desired participants, needs for public education, selection of the appropriate techniques, response to public comments and effectiveness of the process.

5.4 Methodology

5.4.1 Early Involvement

To comply with this requirement it is important to involve the public from the beginning of the planning process. It is therefore necessary to define the role of each participating group as follows:

Participating Agencies: Work with the public to provide access to general information; provide time for public response; prepare documentation for public distribution which is both concise and easy to understand; keep the public informed about the transportation plans and programs that require public participation.

General Public: Members of this group shall be able to participate in the meetings; learn about the process; identify the needs of the community at large; evaluate projects and propose alternative solutions.

Decision-making Officials: Assure that the public involvement process is established according to Federal requirements and the needs of the community; assure enough resources to implement the program; provide time for public comments; consider the public responses and concerns to the plans and programs

presented to the community; evaluate the impacts of such comments. The following process is recommended:

Transportation plans will continue being developed and evaluated without changing the current process. In this case plans shall be endorsed by the Citizens Transportation Advisory Committee (CTAC); by the Transportation Plan Technical Advisory Committee (TPTAC) and by the Transportation Planning Council (TPC). Finally, after these endorsements, then the plans shall be approved by the MPO Board.

The CTAC is involved since the early beginning in the process. However to provide for additional early involvement, the Chair of the CTAC or his/her designee, will be a member of those steering committees established for each work element within the Unified Planning Work Program (UPWP). The UPWP contains the planning studies to be conducted for future transportation projects.

5.4.2. Timely Public Notice

This public involvement procedure will be available 45 calendar days prior to its adoption by the MPO Board. During this period, comments from State and local agencies, as well as from private organizations and the general public will be received and proper consideration will be given.

All transportation plans and other formal documents detailing the MPO process will be available for comments at least 30 calendar days prior to their adoption. These include but are not limited to the Transportation Improvement Plan (TIP), the Long Range Transportation Plan (TP) and the Unified Planning Work Program (UPWP).

5.4.3. Coordination

Representatives of transportation related agencies, State and local officials and public citizens are part of the existing policy and technical committees, such as the CTAC, the TPTAC and the TPC.

Close coordination between the MPO and FDOT is a strong element of the process.

Provisions will be made for the involvement of traffic, ridesharing, parking, transportation safety and enforcement agencies; commuter railroad operators; airport and port authorities; toll authorities; private transportation providers; the elderly and handicapped; minorities; the business community; freight movement operators, and city officials when appropriate. Many of these organizations are already active in the MPO Transportation Planning Process.

Also, representatives of local, State and Federal environmental resource and permitting agencies shall be involved as appropriate.

Finally, the process shall provide for mutual collaboration between government agencies and citizen organizations.

5.4.4. Notification

An ad will be published in a local newspaper to indicate the availability of documents for comments.

- 45 calendar days for this public involvement process or updates.
- 30 calendar days for transportation plans.

The MPO Public Involvement Coordinator should be contacted at (305) 375-4507 for any further information desired.

Copies of the documents will be sent to city, county and State officials for their review and information. When required, additional efforts shall be taken to notify specific groups that could be potentially impacted by such MPO plans.

5.4.5. Document Accessibility

Consistent with Title VI of the Civil Rights Act of 1964, no person shall, on the ground of race, color, sex, national origin or physical handicap, be denied or excluded to participate in this process.

Transportation plans documents may be requested by phone, fax or in person at the Metro-Dade MPO office, as shall be indicated in the newspaper ad.

The distribution of these documents will be made by regular mail.

An easy to understand document for the general public will be prepared for the purpose of this process (brochures, newsletters and notifications) when appropriate.

Coordination will be made with minority, elderly and handicap organizations to provide information regarding the transportation plans.

5.4.6. Physical Accessibility

Provisions will be made to provide proper accessibility to the locations where public involvement activities will be conducted. Aspects to consider in these are public transit services, accessibility for people who are elderly people or have disabilities, and availability of parking among others.

Locations selected for the above referenced activities shall comply with ADA requirements for people with disabilities.

5.4.7. Openness

To provide for open public participation, at the end of each CTAC, TPTAC, TPC and MPO meeting, a 5-10 minute session will be formally scheduled to receive comments from the general public. Copies of these procedures and future transportation plans will be submitted to Broward County and West Palm Beach County MPOs, for information and comment to encourage regional scale citizen participation and awareness.

5.4.8. Public Involvement Techniques

These are the mechanisms used to inform the public and encourage their participation in this process. Multiple methods and strategies have been developed to involve larger numbers of groups in the public involvement process. The program, to be established by the MPO, will combine different techniques according to the individual characteristics of each plan or project. The following are the proposed steps to be followed in this phase:

The MPO shall develop a public involvement resource bank containing names, addresses and particular interests of organizations and individuals who are willing to participate in this process. These organizations and individuals will be contacted and assigned to a particular task group as appropriate.

An ad shall be published asking for interested organizations and individuals to participate in this process. Letters shall be mailed to different groups, such as like the Miami Chamber of Commerce, to promote active involvement by the community and businesses in the public involvement process.

The following is a menu with a variety of strategies and techniques that shall be considered in the process. Elements of this menu shall be implemented as personnel and monetary resources allow for each plan:

- Establishment of Advisory Committees.
- Public meetings.
- Development of citizen workshops for special topics.
- Preparation of transportation newsletters and brochures to provide information to the public about government plans. Local problems at neighborhood levels shall be addressed by community fact sheets.
- Publication of newspaper ads.
- Community meetings, including possible use of displays in shopping and activity centers
- Mail surveys
- When appropriate, subcommittees of the TPTAC and TPC shall be created including representatives of the general public (individuals and/or organizations).
- Press conferences, when appropriate.
- Encourage elected officials, civic leaders and businesses to write newspaper articles on key issues.

Other techniques and strategies that may be considered as appropriate, but require additional resources are:

- Electronic conference meetings.
- Transportation Forums and Symposiums.
- Designation of a staff person to be in charge of each public involvement program.
- Establishment of a formal Citizen Participation Office.
- Establishment of a Hotline number to provide information regarding transportation related plans.
- Development of Transportation Fairs.
- Production of TV and radio spots.

An educational and public awareness program to provide general knowledge of transportation terminology and planning procedures to the public will be developed by the MPO.

5.4.9. Monitoring Program

To keep a record of the distribution of documents, a list containing names, persons or the entities, that request such documents will be maintained at the MPO office.

Quantitative and qualitative analysis as appropriate shall be made to evaluate the responsiveness of the community to the proposed public involvement process and its effectiveness in the transportation planning process.

Other mechanisms to measure the effectiveness of this process will include conducting public opinion research (surveys) whenever needed. The results of these surveys shall be discussed with elected officials, for proper actions. These surveys could be made by standard forms, phone, newspaper or any other way to reach the interested sector, as appropriate.

5.4.10. Consideration given to received comments

If significant written or oral comments are received for transportation plans as a result of the public involvement process, a summary or analysis of such comments shall be included in the document.

If the final document differs significantly from the one available for the public, a second opportunity for public comment on the revised document shall be given to the general public.

A procedure for considering public comments shall be prepared if needed.

5.4.11. Process Review

This process shall be periodically reviewed by the MPO in terms of their effectiveness in assuring full and open access of the public in the process.

Copy of the approved process shall be submitted to FDOT, FHWA and FTA for their comments.

5.5 FUTURE AMENDMENTS TO THE CURRENT PROCESS

This Public Involvement process can only be modified, altered, changed, or improved by action of the MPO Board by means of an amendment. The amendment will be documented and presented to all committees and will be the result of actions intended to improve the established process once it has been in place and tested and it has been decided that further refinement is needed or, as a result of accumulated experiences, prove that said process needs to be improved.

Project Descriptions



Objective A

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



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 obtain updated regional (Tri-County) networks and to maintain updated Dade County highway and transit networks in automated formats to apply state-of-the-art techniques in the evaluation of proposed transportation improvements and to provide a basis for evaluating proposed service and proposed capital improvements. To increase database commonality and compatibility between agencies.
2. Hardware and Software Environment: To maintain, for the MPO Secretariat, the IBM RS6000 Version, 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 Dade County's transportation planning process. Previous work under this element has included, but was not limited to, installation and maintenance of new travel model programs and datasets on the MPO's RS6000 computer, and the routine updating of networks (highway and transit) as well as the model-related files.

METHODOLOGY:

1. Database
 - a. Update and maintain highway networks, as necessary, to reflect changes in existing conditions to include double digit facility types and area types.
 - b. Update transit networks, as necessary, to reflect changes in Dade County's Transportation Improvement Program (TIP), Short Range Transit Plans (i.e., TDP), Long Range Plans and existing conditions.

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

- c. Hold network workshops and meetings, as needed, to solicit input from applicable departments, and to review non-FSUTMS methodologies and applications.
- d. Provide model support to other Dade County departments requiring travel demand forecasts or related assistance.
- e. Assist in the development of ridership and operational forecast for various transit related projects.
- f. Review various non-FSUTMS methodologies and applications.

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; in particular, acquire an Uninterruptable Power Supply (UPS) and a tape backup system.
- d. Evaluate the effectiveness of maintaining the Dade County model on the RS6000 platform and make recommendations based on the results of such an evaluation.
- e. Purchase a computer system capable of running the X32-bit version of the FSUTMS model.

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. Continue to evaluate hardware and software for the continued production of maps and graphics for documentation and presentation purposes.

4. Developmental.

- a. Consider and evaluate other related planning and modeling applications and assess respective utility of same.
- b. Participate in the Southeast Florida FSUTMS Users Group activities and Statewide Model Task Force.

END PRODUCTS:

1. Database

- a. Updated highway and transit networks, reflecting interim year and future year 2020 conditions, in addition to other year/alternative datasets prepared as needed.
- b. Series of memos documenting model review comments, ridership and operational analysis.
- c. A five-year short-range committed network and database development.

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2. Hardware and Software Environments.

- a. The latest versions of the FSUTMS model battery fully operational on the mini- and micro-computer systems.
- b. Other software and hardware updates and accessories as necessary.
- c. Hardware components to run any needed air quality conformity-related programs, in addition to Windows-compatibility software to facilitate work effort documentation.

3. Analytical Support and Presentation.

An assemblage of texts, software, files, maps and presentation materials for documentation and publication.

4. Developmental.

Evaluations and possible implementation of planning related applications.

PROJECT MANAGER(S):

Michael Moore
M. Garcia

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Metro-Dade Transit Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$53,000	Section 5303	(\$42,400 Federal, \$5,300 State, \$5,300 Local)
\$60,000	PL 112	(\$49,158 Federal, \$10,842 Local)
<u>\$40,000</u>	Section 5303 -FY97	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
\$153,000		

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

TASK NUMBER AND TITLE:

1.02 **LONG RANGE TRANSPORTATION PLAN UPDATE**

OBJECTIVE(S):

To 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 Dade County's transportation planning process. A major update of the LRTP (the 2015 Plan) was adopted in December of 1995. A minor update (to the Year 2020) is due by February, 1999. Some of the activities listed herein apply to the 2020 Plan update as well as to a subsequent major update (to the year 2025). The deadline for the Year 2025 major update has not yet been announced.

METHODOLOGY:

The following actions are typically completed as a part of the Plan Update effort. The Plan Update activities to be undertaken for the 2020 Plan will include most of the activities listed below, some in more depth than others. Also, some of the 2020 Plan Update activities will include work in preparation for the major 2025 Plan Update.

1. Plan Database - Detailed review and updating of the major data elements.
2. Socio-economic Forecasts - Forecasts of population and employment must be prepared for the Plan horizon year. Coordinate with UPWP Work Element 1.04.
3. Plan District Structure and Transportation Analysis Zone (TAZ) Structure - Review the Traffic Analysis District (TAD)/TAZ structure used in the 1990 Plan Update and develop a new TAD/TAZ structure, if necessary, for the 2020 Plan Update. Prepare for a revised TAD/TAZ structure, for the 2025 Plan Update.
4. Transportation Goals and Policies - A review and assessment of the current status of the adopted goals and objectives of the Intermodal Surface Transportation Efficiency Act, the Metro-Dade Transportation Plan, the Florida Transportation Plan (FTP), and the Dade County CDMP.
5. Travel Forecasting Models - Models are validated prior to being used in the forecasting of the Long Range travel demands. In the case of the 2020 Plan Update, it is anticipated that the 1990 Model Validation from the 2015 Plan will be re-used. For the 2025 Plan Update, a new 1998 base year will be developed. Refer to UPWP Work Element 1.04. The actual model structure used for the 2020 Plan Update will be nearly identical to that used in the development of the 2015 Plan (except double-digit area type/facility type designations may be introduced). It is anticipated that the 2025 Plan Update will utilize an improved model structure which will include consideration of activity-based trip generation methodologies, lifestyle variables and other model enhancements.

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

6. Revise Transportation Networks - The transportation networks will be revised to reflect the existing plus committed (E+C) and future year networks. In the case of the 2025 Plan Update, a new 1998 base year network will be developed.
7. Forecast Travel Demands - The validated model is used to conduct simulations of future transportation demands to identify major deficiencies in the existing-and-committed (E+C) transportation networks.
8. Analyze Simulation Results - Results of the simulations will be analyzed.
9. Establish Service Demand Criteria - Capacity standards will be developed to enable alternate combinations of modes to be used and analyzed as a means of meeting the projected travel demands in a corridor. Typically, these standards are consistent with those adopted in the CDMP.
10. Revise Priority Categories - The criteria used to determine the priority levels used in the 2015 Plan Update will be reviewed. Revisions to the criteria should reflect any changes in Federal, State and County policy.
11. Review 2015 Plan Project Status - The 2015 Plan project listing will be reviewed to determine the status of the projects identified in that Plan.
12. Revise Project Priority List - The review of the 2015 Plan Project list will be used as a basis to develop a revised priority listing of projects for the new horizon.
13. Identify Travel Service Corridors - A list of major "high-volume" service corridors will be produced based upon the results of the travel simulations.
14. Develop New Projects - 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. 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.
16. 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.
17. Review and Comment - A detailed review and evaluation process will be conducted prior to the Plan adoption.
18. 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. Goal, Objectives and Policy Recommendations
2. 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. Revenue forecasts/financial plan.

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

- 8. Revised listing of transportation projects by District and priority level.
- 9. List of high-volume travel corridors and modal combinations for detailed study.
- 10. Adopted Long Range Transportation Plan Update (to the Year 2020).
- 11. Air Quality Conformity Determination Report.

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

PROJECT MANAGER(S): M. Moore

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
 1999 Jan Feb

FUNDING:

\$60,000	Section 5303	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
\$30,000	PL 112	(\$24,579 Federal, \$5,421 Local)
\$75,000	Section 5303-FY 96	(\$60,000 Federal, \$7,500 State, \$7,500 Local)
\$50,000	Section 5303-FY 95	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
<u>\$50,000</u>	STP-FY 97	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$265,000		

**OBJECTIVE A: LONG-RANGE TRANSPORTATION PLANNING FOR SYSTEM
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TASK NUMBER AND TITLE:

1.03 TRANSPORTATION/LAND USE COORDINATION

OBJECTIVE(S):

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

PREVIOUS WORK:

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

METHODOLOGY:

1. Maintain a Standing Committee to:
 - a. Identify traffic and transit level of service deficiencies and identify alternative solutions to such deficiencies and,
 - b. Review and propose priorities for inclusion in annual updates of the Long Range Plan and TIP.
2. Continue the operation of the Metropolitan A-95 Clearinghouse function for transportation-related programs and plans within Dade County.
Review transportation-related projects, programs and activities for consistency with metropolitan plans and policies.
3. Review applications for CDMP amendments to evaluate the highway and transit as well as other transportation impacts of said amendments. Alternative land use scenarios will continue to be analyzed using the travel demand in this work element.
4. Assess the highway and transit impacts of proposed individual land development projects processed through the Developmental Impact-Committee (DIC) and Development of Regional Impact (DRI) processes.
5. 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
 - d. Encouraging non-traditional, alternative forms of development such as nodal clustering, mixed use, and transit-oriented development patterns.
6. Review of 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

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

current travel estimating and analysis procedures employed by the MPO, as promoted by the Federal Intermodal Surface Transportation Efficiency Act (ISTEA).

END PRODUCTS:

1. Memoranda on assessments of plans and projects as to their consistency with the adopted Comprehensive Development Master Plan.
2. Correspondence documenting A-95 review comments on specific projects and comments on various transportation plans.
3. Analyses of transportation impacts of CDMP applications.
4. Preparation of 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. Identify traffic and LOS deficiencies and identify potential solutions and priorities for the annual update of the LRTP and TIP
8. Incorporating promising transportation/land impact analysis techniques and procedures into transportation analysis processes currently employed by the MPO.

PROJECT MANAGER:

Michael Moore

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:	1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1998	<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:

\$ 92,000	Section 5303	(\$73,600 Federal, \$9,200 State, \$9,200 Local)
\$100,000	PL 112	(\$81,930 Federal, \$18,070 Local)
<u>\$ 24,200</u>	Section 5307	(\$19,360 Federal, \$4,840 Local)
\$216,200		

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

TASK NUMBER AND TITLE

1.04 **SOCIO-ECONOMIC DATA**

OBJECTIVES:

- Develop final, detailed 1995 Base Year for all FSUTMS variables.
- Revise primary variables in 2020 projections as necessary and replace factored variables with individual projections for each variable.
- Respond to special requests from FDOT and MPO staff or consultants for data or map products as appropriate.

PREVIOUS WORK:

During FY 1997 the transition from reliance on paper maps, PC spreadsheets and PC database management to a Geographic Information System (GIS) based production mode for FSUTMS variables was completed. The primary production variables of population and housing were developed for 1995. The employment attraction variables had to be done through address-matching which was not folio specific and then estimated for TAZs. These primary variables for 1995 were one basis for the revision of the 2015 projections. The other two factors were the expansion of the 2015 population and a new distribution based on CDMP changes and newly observed trends. Non-primary variables were factored for 2015 and reviewed for consistency. This revised 2015 dataset was then extended to 2020 largely through extrapolation with adjustments as dictated by CDMP and/or capacity constraints. This 2020 dataset is being utilized as an interim product for the 1998 Long Range Plan Update.

METHODOLOGY:

The approach taken in FY 1997 was necessitated by the short time available to meet the requirements for a three-year Long Range Plan Update cycle. A complete, detailed update of the FSUTMS variables will be done for the 2001 Long Range Plan. The base year will be 1998 and the new projection year 2025. To set the stage for development of 1998 base year during FY 1999 the 1995 partial dataset will be completed during FY 1998. This dataset will also be useful for special project work. Special attention will be given to correcting any discrepancies in the employment variables along with development of autos available. In addition, the interim 2020 projection series will be thoroughly reviewed with primary variables revised as necessary. The other variables which had been factored in the interim dataset will be specifically developed. These finalized 2020 projections will be the basis for the five-year extension to 2025.

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

END PRODUCT:

Finalized, detailed 1995 and 2020 socio-economic datasets. These datasets will be composed of the "standard" FSUTMS variables rather than the "enhanced" (i.e. lifestyle) variables. If transition to lifestyle variables is required for the 2001 update considerably more work would be needed in FY 1998 to effectuate this changeover. This in turn, would have implications for funding needs.

PROJECT MANAGER:

C.W. Blowers

PARTICIPATING AGENCIES:

Metro-Dade Department of Planning, Development and Regulation

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

Objective 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):

To address mobility needs in targeted areas. To provide support for general intermodal and multimodal planning studies, projects, and research. To assist in coordinating the 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 Dade County's transportation planning activities.
2. Dade County Congestion Management Plan, Barton-Aschmann Associates, 1992
3. Ongoing intermodal, multimodal, and modal studies; e.g., "Dade County Freight Movement Study," "Development of a Superarterial Network" "Short-Range Transit Planning," etc.
4. Representation of the MPO via participation in ongoing intermodal, multimodal, and modal standing committees and ad hoc study steering and advisory committee memberships.

METHODOLOGY:

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

1. During previous fiscal years, the MPO Standing Trucking and Freight Committee was recently inaugurated; Dade County's concern for and its specific approach to studying and addressing local freight movement issues was presented at a statewide FLOT-sponsored Freight Planning and Modeling Workshop. The MPO is represented on the SE Florida Section's Continuing Aviation Systems Planning Process standing committee; surface access to aviation facilities, maintaining compatible land uses in areas surrounding airports to preserve their activity expansion in the future, and responding the Comprehensive Development Master Plan and concurrency management are among interests and concerns addressed. The MPO has played an important role in the SE Florida Regional Transit Organization (RTO) Study, and is a member of the continuing RTO committee to evaluate ways and means which a potential RTO can improve intermodal connections and transit multimodal mobility in the Florida Gold Coast region. The Superarterial Network Study is addressing ways in which major non-expressway surface facilities can be enhanced to promote greater vehicle throughput and address mobility by developing a potential network of superarterial facilities; the Resourceful Use of Streets and Highways (RUSH) program as well as transit enhancements are being integrated into superarterial proposals.

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND
MANAGEMENT

2. As an additional step, the work will take into account other considerations in developing short-term, low capital investment, congestion relief measures. In particular, elements will be addressed which are identified in ISTEA Section 1024 S 134, Metropolitan Planning, such as: methods to expand and enhance transit and paratransit services, and to increase the use of such services and to incorporate non-motorized elements, such as bicycle and pedestrian plans. Assist the Intelligent Transportation Systems Plan short-term coordination with all included agencies and participating entities by reviewing for maximizing potential intermodal and multimodal transportation applications.

3. To provide MPO support to unanticipated projects, and for projects and studies originating in other County Departments or other local agencies, including responding to outside requests for information and input.

Administer Intermodal Management System. All activities shall be coordinated with the State's Intermodal Program.

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.

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 80,000	Section 5303	(\$64,000 Federal, \$8,000 State, \$8,000 Local)
\$112,000	PL 112	(\$91,762 Federal, \$20,238 Local)
<u>\$ 33,100</u>	Section 5307	(\$26,480 Federal, \$6,620 Local)
\$225,100		

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND
MANAGEMENT

TASK NUMBER AND TITLE:

2.02 SHORT RANGE TRANSIT PLANNING

OBJECTIVES):

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

PREVIOUS WORK:

This is a continuing activity. A major update effort for the Transit Development Program (TDP) was undertaken and completed in Fiscal Year 1996. Annual updates of this major service programming document to reflect changes in projected travel demand and available fiscal resources are required to support all short term transit plans. Supporting TDP documents are also updated as required for consistency, e.g., the Park-Ride Plan for MDTA, etc. A minor update of the 1997-2002 5 year TDP will be completed by June 1997.

METHODOLOGY:

1. Prepare annual update of the Transit Development Program (TDP) for consistency with Dade County's multi-year operational plan.
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.
4. Continue public involvement process. Attend community meetings throughout the metropolitan area.

END PRODUCTS:

1. An administrative update to 5-Year TDP will be completed prior to June 1998.

PROJECT MANAGERS: Mario G. Garcia

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$59,000 Section 5307 (\$47,200 Federal, \$11,800 Local)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.03 **HIGHWAY TRAFFIC COUNTING PROGRAM**

OBJECTIVE(S):

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

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

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

END PRODUCT:

Traffic count list (AWDT) and station map for past calendar year published annually.

PROJECT MANGER: Harvey Bernstein

PARTICIPATING AGENCIES:

Metro-Dade Public Works

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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



OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

2.04 **DEVELOPMENT OF INTEGRATED TRANSPORTATION MANAGEMENT SYSTEMS**

OBJECTIVE:

The objective of this study is to develop and implement a metropolitan transportation information system that is functionally integrated with the work done by the Florida Department of Transportation (FDOT) regarding the implementation of the management systems, as requested by ISTEA.

PREVIOUS WORK:

In relation to Task I through V, the consultant searched nationally and locally for related studies and appropriate literature; a closed coordination was established with FDOT, Public Works, ITD and MPO; data requirements were reviewed in relation to the management system at federal, state and county levels and available data was collected; FDOT's management system in place were used as a guidance for developing the county system; due to the limited budget and the availability of existing developments, efforts were concentrated in the CMS, the PMS and the TMS/H; flowcharts were developed for the referenced systems, including the programming and integration as a comprehensive package; finally, communication network between FDOT, MPO and Public Works to transfer data were also developed.

METHODOLOGY:

VI. Prepare Software Documentation and Training

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

VII. Implement the INMS Demonstration Project

As part of this study a demonstration project shall be developed. It includes the acquisition of equipment, according to the specifications of the consultant, installation of the software, testing of the INMS software package and the system acceptance.

VIII. Recommendations

A feasibility analysis shall be made to expand the INMS to other areas that may be incorporated into the network, like: maintenance, financing, quality control, real estate and construction management.

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

END PRODUCTS:

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

PROJECT MANAGER:

Jesus Guerra

PARTICIPATING AGENCIES:

- Metropolitan Planning Organization
- Metro-Dade Transit Agency
- Public Works
- Seaport Department
- Aviation Department
- Florida Department of Transportation - District 6

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$25,000 Section 5303 FY96 (\$20,000 Federal, \$2,500 State, \$2,500 Local)
\$50,000 STP FY96 (\$40,000 Federal, \$5,000 State, \$5,000 Local)
 \$75,000

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.05 **GREENWAYS AND TRAILS MAINTENANCE AUTHORITY STUDY**

OBJECTIVE

Develop a comprehensive system to monitor and maintain non-motorized transportation and recreational routes and trails in Metropolitan Dade County, while protecting its users from debris and other hazards, and establishing informational materials and guidelines leading to committed maintenance practices in accordance with the *Intermodal Surface Transportation Efficiency Act* and the *Dade County Comprehensive Development Master Plan* objectives.

PREVIOUS WORK

- Inventory/catalog of over 150 miles of existing roadway and off-road non-motorized transportation facilities within Dade County using geographic information system (GIS).
- Programmed the development of the South Dade Greenways Network through the *Transportation Improvement Program*, as well as developed an urban trails and greenways study for the area north of Kendall Dr. (North/Central Dade Greenways Network).
- Adopted a Metro-Dade *Bicycle Facilities Plan* identifying future on-road and off-road non-motorized facility needs.
- Committed the availability of 1.5% of surface transportation project funding towards the development of non-motorized transportation facilities.

METHODOLOGY

1. Review of existing local plans and maintenance policies/programs to determine their effect on bicycle/pedestrian mobility within the county; including: Dade County Parks & Recreation Dept., Public Works Dept., Metro-Dade Transit Agency, Florida Dept. of Transportation and South Florida Water Management maintenance schedules and practices.
2. Research/collection of strategies from other areas of the country in order to develop standard procedures/guidelines and recommendations to assure minimal impact from hazards for the reduction of accidents due to a lack of proper maintenance. This includes either revisions to existing local agency practices or the development of a "Trails Authority" to manage and oversee trails/greenways/bicycle/pedestrian facilities, as well as keeping a standard of quality for these facilities which directly impact upon their effectiveness, service life, degree of use.
3. Development of strategies for recommending sources of on-going funding, including preparing estimated annual budgets for management and maintenance.

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

END PRODUCTS

1. A plan to restructure Dade County's non-motorized facilities maintenance practices and procedures to limit the County's liability, as well as keeping a standard of quality for these facilities.
2. Development of guidelines for periodic review and maintenance to insure hazards are routinely identified, then corrected in a reasonable amount of time, as well as standard procedures for prioritizing and responding to existing hazards.
3. Proposals to establish community monitoring and maintenance programs, such as Community Service labor, "Adopt-A-Path", "Path Patrols" and "Spot Check" programs, which would involve the citizenry to make record or notification of maintenance conditions in areas that have been overlooked.
4. A dedicated maintenance plan with schedules accounting for staff assignments, any community involvement programs, and budgeting for equipment, as well as including an inventory system through a geographic information system (GIS).
5. Proposals to enact/enforce regulations requiring abutting land-owners to properly maintain specific areas by County Code.
6. Proposals for a Trail Authority to oversee facility maintenance, provide support/guidance for state, county and local transportation agencies for the management of risks associated with maintenance hazards, as well as review aspects of bicycle operation in Dade County and identify the requirements for safe, comfortable use.
7. Funding recommendations identifying specific Federal, state, county and local sources, as well as budget guidelines for each affected department and agency.

SCHEDULE COMPLETION:

September 1998

PROJECT MANAGER:

Jeffrey Hunter

FUNDING:

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

TASK NUMBER AND TITLE:

2.06 CONTINUING TECHNICAL SUPPORT FOR TRANSPORTATION
MANAGEMENT ASSOCIATIONS (TMAs)

OBJECTIVE:

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

PREVIOUS WORK:

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

1. 1994 - 1995:
 Bicycle and Pedestrian Study for the MBTMA
 Pedestrian Amenities and Safety Study for the CCTMO
2. 1996 - 1997:
 Trailblazing Signage Study for the MBTMA
 Commuter Characteristics Study for the CCTMO
 Model Private Employer Study for the CCTMO and the MBTMA

METHODOLOGY:

1. Provide technical assistance and funding to eligible TMAs in planning, developing and implementing TDM/TSM strategies. The proposed studies have to be consistent with the Congestion Management Plan and related documents, in order to alleviate traffic congestion and improve mobility within their boundaries
2. Promote the establishment of additional TMAs.
3. Follow the procedure established in Element 2.06 of the 1997 UPWP.

END PRODUCT:

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

PROJECT MANAGER:

Jesus Guerra

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department Of Transportation.
Gold Coast Commuter Services
Miami Beach Transportation Management Association
Civic Center Transportation Management Organization

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,000	PL	(\$16,386 Federal, \$3,614 Local)
<u>\$40,000</u>	STP	(\$32,000 Federal, \$4,000 State, \$4,000 Local)
\$60,000		

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 to support detailed analysis of Metrorail and Metrobus routes and for the development of line-up and other transit service plans.

PREVIOUS WORK:

This is a continuing activity. Transit route-level ridership and performance information is produced. Information is used as a resource for the development of service plans.

METHODOLOGY:

Collect information, by both on-board and corner checks, as appropriate, from a subset of Metrobus and Metrorail trips. 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. Information from AVL/AVM will be analyzed along with on-board and corner check data to improve on-time performance.

END PRODUCTS:

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

PROJECT MANAGER:

Mario G. Garcia
David R. Fialkoff

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$426,600 Section 5307 (\$341,280 Federal, \$85,320 Local)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.08 TRANSIT FINANCIAL CAPACITY ASSESSMENT

OBJECTIVE:

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

PREVIOUS WORK:

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

METHODOLOGY:

1. Calibrate financial capacity models against 1996 conditions based on Section 15 data.
2. Updated the models to reflect change in funding sources and the 1998 TIP.

END PRODUCTS:

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

PROJECT MANAGER:

Pamela Levin

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$20,500 Section 5307 (\$16,400 Federal, \$4,100 Local)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.09 TRANSIT REPORTING

OBJECTIVE:

Provide transit-related information for supporting overall transportation planning.

PREVIOUS WORK:

This is a continuing activity.

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

METHODOLOGY:

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

END PRODUCTS:

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

PROJECT MANAGER:

Pamela Levin

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE:

1997	Jul	Aug	Sep	Oct	Nov	Dec			
1998	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

FUNDING:

\$95,000	Section 5307	(\$76,000 Federal, \$9,500 State, \$9,500 Local)
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**OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND
MANAGEMENT**

TASK NUMBER AND TITLE:

2.10 **TRI-RAIL COORDINATION**

OBJECTIVE(S):

In order to play an active role in the implementation of ISTEA and insure proper coordination within TCRA's service area, TCRA will attend MPO technical committee and MPO meetings in Dade, Broward, and Palm Beach Counties. TCRA will provide all three MPOs with capital project priority lists on an annual basis, and will also provide necessary information to the Treasure Coast Regional Planning Council and the South Florida Regional Planning Council to insure the appropriate kind of land uses at or adjacent to TCRA stations for redevelopment of the rail corridor.

It is TCRA's objective to prepare all of the required, ongoing planning documents, such as the Section 15 Report/National Transit Database and Grant Quarterly Reports, in order to receive federal, state, and local funding. TCRA will provide project management for its various capital projects and will develop a short range program that will insure a successful and convenient regional commuter transportation system. Additionally, TCRA will fund staff time required to establish TCRA's goals in terms of level of service and necessary capital improvements.

PREVIOUS WORK:

- * Included in Dade, Broward, and Palm Beach MPO's UPWP's;
- * Included in Dade, Broward, and Palm Beach MPO's Transportation Improvement Programs (TIP's);
- * Worked with planning organizations in order to amend DRI's to accommodate TCRA land use type;
- * Submitted annual Section 15 Reports/National Transit Database;
- * Submitted Grant Financial and Narrative Quarterly Reports;
- * Submitted Annual and Quarterly Disadvantaged Business Enterprise (DBE) Reports;
- * Development of Strategic Plan which has an action plan covering the period of 1989-1995;
- * Developed TCRA's Transit Development Plan (TDP), 1995-1999;
- * Update Transit Development Plan; and
- * Adhered to requirements to be eligible for State Block Grant and Federal Transit Administration funds.

METHODOLOGY:

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

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

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

- 4) Short Range Transportation Planning;
- 5) Long Range Transportation Planning-Project Level Planning;
- 6) Corridor capacity modeling study;
- 7) Hialeah maintenance yard master plan.

END PRODUCTS:

- * TCRA components in the Dade, Broward, and Palm Beach TIP's;
- * TCRA Capital Improvement Program;
- * DBE Program;
- * Title VI Program;
- * Section 15 Report/National Transit Database;
- * Equal Employment Opportunity (EEO) Program;
- * Grant Quarterly Reports;
- * Standardized design components resulting from corridor double tracking phases 4 thru 8; and
- * Master plan of maintenance yard in Hialeah.

PROJECT MANAGER:

Beth Beltran

PARTICIPATING AGENCIES:

Tri-County Commuter Rail Authority
Dade County Metropolitan Planning Organization
Florida Department of Transportation - District Six
South Florida Regional Planning Council
Broward County Metropolitan Planning Organization
Palm Beach County Metropolitan Planning Organization
Treasure Coast Regional Planning Council
Federal Transit Administration

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

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

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

2.11 TRANSIT RIDERSHIP FORECASTING

OBJECTIVE:

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

PREVIOUS WORK:

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

METHODOLOGY:

1. Determine growth rates and seasonal factors for ridership.
2. Update the ridership forecasting procedures to incorporate newly developed elasticities.

PRODUCTS:

1. Monthly ridership predictions by mode.
2. Continuously updated ridership estimation procedures.

PROJECT MANAGER:

Pamela Levin

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$21,600 Section 5307 (\$17,280 Federal, \$4,320 Local)

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

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

2.12 **CONGESTED INTERSECTION IMPROVEMENTS**

OBJECTIVE:

The purpose of this study is to evaluate congested intersections identified in the Dade County Mobility Management Process (DCMMP/Congestion Management System) and recommend short term traffic improvement projects to alleviate congestion and improve mobility. Additionally, this study may include recommendations to reduce the number of accidents in the intersection. Due to budget limitations and the number of intersections contained in the DCMMP, it's recommended that this study be a continuous and on-going element of the UPWP.

PREVIOUS WORK:

A Steering Committee was formed including representatives of the Dade County Public Works Department (DCPWD), the Florida Department of Transportation (FDOT) District 6 and the MPO. Regarding the development of this study, the consultant establishes the goals and objectives, as well as close coordination with the Traffic Operation Divisions of FDOT and DCPWD; a set of intersections were selected for further analysis.

METHODOLOGY:

IV. Data Collection and Analysis

The consultant will collect the required data from the existing sources or from the field as needed. This data will be analyzed to identify potential conflict points or any other problems within the influence of the intersection, that cause the level of congestion determined in the DCMMP. As part of this data collection process, considerations shall be given to future projects that may affect the recommended improvements.

V. Determination of Needs

Based on the findings obtained in the previous task, a set of alternatives will be evaluated to improve mobility and alleviate congestion along the intersection. These alternatives should be mainly focused on short term improvements, but not necessarily limited to them. Other medium and/or long range improvements could be recommended after the evaluation. When appropriate, the positive impacts of these strategies should be quantified.

All recommendations should be fully documented to support final design.

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

VI. Establish an Improvement Evaluation Program

An evaluation program will be developed to determine the effectiveness of the recommended improvements before and after their implementation.

VII. Preparation of an Implementation Plan

An implementation plan will be developed to determine in detail the actions to be taken. This plan will include, estimated costs and time schedule for implementing the recommended improvements. Additionally, this task should include recommendations to incorporate and support these improvements into the TIP.

Additionally, this task may require the acquisition of hardware and software to fulfill this responsibility.

END PRODUCT:

1. Final Report by Intersection.

PROJECT MANAGER:

Jesús Guerra

WORK SCHEDULE::

1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$10,000	PL 112	(\$8,193 Federal, \$1,807 Local)
<u>\$25,000</u>	STP FY96	(\$20,000 Federal, \$2,500 State, \$2,500 Local)
\$35,000		

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

TASK NUMBER AND TITLE

Project carried forward from FY 1997 UPWP

2.13 **PRIVATE SECTOR PUBLIC TRANSPORTATION SERVICE STUDY**

OBJECTIVE(S):

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

PREVIOUS WORK:

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

METHODOLOGY:

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

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

In an era of increasing auto use, decreasing average auto occupancy, generally declining public transit ridership, suburbanization of not only residential but commercial and business land uses, and strong calls for significantly decreased federal operating support, transit agencies may need to focus

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

on serving high patronage corridors with their traditionally large vehicles and fixed routes, and consolidating regional services, to achieve higher farebox recovery ratios and fiscal efficiency.

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

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

Work Tasks:

1) Research of Rules and Regulations

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

2) Examination of the Public Transit System Operating Environment

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

3) Develop Proposals for Initial Service Alternatives

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

Included in this task will be the organization, publicizing, and conduct of a one-day symposium to bring as many representatives from both public and private sector transit service-providing parties as

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

feasible together in a forum to discuss concepts, plans, the transit environment, and any other factors important for study consideration. The symposium is intended to provide a platform for reasoned deliberation, and for screening of initial ideas and concepts for their respective advantages and disadvantages, points of divergence and unifying points, and for potentially fatal flaws.

4) Project Impacts and Results of Alternatives

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

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

5) Develop Final Recommendations

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

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

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

END PRODUCTS:

1. Technical Memo 1: Review of Rules and Regulations (completed during FY97)
2. Technical Memo 2: Public Transit System Operations Review (completed during FY97)
3. Technical Memo 3: Alternatives Development and Initial Service Recommendations

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

4. Technical Memo 4: Alternative Operating Scenario Impact Estimation, and Selection of Test Case(s)
5. Analysis and Evaluation of Results
6. Technical Report: Project Final Report
 - Executive Summary;
 - Technical Memos as report chapters;
 - Final Recommendations
 - Appendices as needed;
 - Annotated bibliography of previous studies
 - Compendium of pertinent regulations
 - Monitoring data

PROJECT MANAGER:

Frank Baron

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING: (Second Year)

\$54,000 PL 112 (\$44,242 Federal, \$9,758 State)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE

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

OBJECTIVE (S):

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

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

PREVIOUS WORK:

The Dade County Metropolitan Planning Organization created the Transportation Aesthetic Review Committee (TARC) to review bridges and high visibility transportation projects for their aesthetic impact on the community. The TARC became aware that consideration of aesthetics and urban design was not a routine part of project development, though certain projects took special care with these elements. It also became clear that aesthetics and other design considerations needed to be addressed early in the project development process. Furthermore, there seemed to be a need to educate project managers, agency managers, engineers and other design professionals in each others disciplines and foster communication and ability to collaborate.

Regionally, a number of street improvement projects designed to improve capacity, decrease congestion or improve safety for vehicles have met with community concern regarding the impact on other uses of the street, by transit, pedestrians, bicyclists, shoppers etc. There appears to be a need to facilitate implementation of multimodal, urban design, livable communities and aesthetic objectives by integrating consideration of these in the course of planning and designing projects.

METHODOLOGY:

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

A. Review Existing Material on Aesthetics and Urban Design in Transportation Planning and Projects

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

1. Previous Work: Review literature and programs of other communities and organizations which are known to deal with these issues
2. Policy Framework: Review and compile policy, guidelines and statements regarding aesthetics, urban and multimodal design for transportation planning and projects.

B. Review Current Local Practices

1. Outline current transportation planning and project development processes.
2. Determine and show graphically where and how aesthetics, multimodal and urban design issues are currently being considered in all these processes.
 - a. Do any aesthetics and/or urban design guidelines or criteria exist?
 - b. How are aesthetic/urban design/multimodal design decisions made? Who makes them?

C. Analysis

1. Review and assess effectiveness of current process.
 - a. Interview staff, agency heads, TARC members, others; review TARC resolutions, minutes.
 - b. Determine what works well, where there are deficiencies.

Hold two to four multidisciplinary workshop/ charrette/ or other participatory encounters to facilitate dialogue and understanding between disciplines [engineers (civil, transportation), planners, architects, landscape architects, artists, etc.] regarding integrating aesthetics, multimodal and urban design considerations in project development. This should involve relevant agencies including all transportation agencies, planning and zoning departments, community development, Art in Public Places and perhaps professional organizations including local engineering societies, AIA, ASLA, APA, FES, NPWA. Consider using sample projects for multidisciplinary teams to address.
2. Identify Potential Process Improvements
 - a. Obtain input from participants at workshops.
 - b. Refer to literature and information from other areas for ideas which can be used here.

D. Recommendations

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

INTERMEDIATE PRODUCTS:

First Quarter: Chapter on Policy Framework; Outline of Existing Transportation Planning and Project Development Process for the selected transportation agencies. Plan for workshops

Second Quarter: Literature and Program Review; Current Conditions: How Aesthetics and Urban Design are currently integrated in Process; Analysis; Begin workshop/charettes

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

Third Quarter: Workshops completed. Recommendations for process modifications.

Fourth Quarter: Final Report; Manual for Agency Project Managers; Manual for Agency Liaisons.

END PRODUCTS:

- Final Report: Including Executive Summary and Proposals for planning and project development process modification
- Manual for Agency Project Managers - Background including policy framework, training for project managers.
- Manual for Agency Liaisons to TARC - Outlines responsibilities, including selecting projects for presentation (and criteria for project selection), tracking projects for follow-up reports, coordinating agency presentations to TARC and outlines TARC review process.

PROJECT MANAGER:

Susan Schreiber

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$10,000	PL 112	(\$8,193 Federal, \$1,807 Local)
<u>\$35,000</u>	STP	(\$28,000 Federal, \$3,500 State, \$3,500 Local)
\$45,000		

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE

2.15 **SPECIFIC AREA PLANNING AND DESIGN FOR IMPROVING MOBILITY**

OBJECTIVE

Implementation of the recommended planning activities in the Specific Area Planning Report for Improving Mobility For the Dadeland Activity Center completed in September, 1996, and for similar recommended activities in a report prepared during FY 1997 for a transit-served Flagler corridor.

PREVIOUS WORK

The preparation of the first Specific Area Planning Report for Improving Mobility addressed the Dadeland Regional Activity Center and was completed by the Metro-Dade Department of Planning, Development and Regulation (DPDR) in September, 1996. The report identifies land use, development and mobility problems in the area and recommends solutions through revisions of land development policies and regulations. The report further identifies capital improvement needs that will help reduce congestion, enhance the use of transit, and improve pedestrian and bicycle mobility. DPDR, in consultation with participating agencies, has initiated the preparation of a similar evaluation and report for the transit-served Flagler corridor.

METHODOLOGY

- The scope of these planning activities will continue to recommend land use, urban design, intermodal connectivity and multi-modal opportunities to promote and enhance mobility by means other than single-occupant vehicles (SOVs).
- During the previous fiscal years, the Specific Area Planning and Design for Improving Mobility work has evaluated important areas within Dade County which are experiencing congestion and are mobility-deficient, and has recommended capital and design improvements.
- Implementation of the recommendations will be accomplished by this project by developing a short-term program of low cost capital improvements, emphasizing pedestrian and bicycle facility improvements in public rights of way, and proposed ordinances to produce development which creates an urban pattern that is conducive to pedestrian activity and transit usage.
- The Department of Planning, Development and Regulation will collaborate with Business Organizations (i.e. Chamber South), area residents, property owners, government agencies with appropriate jurisdiction, and other interested organizations to: 1) detail specific urban design guidelines for the areas; and 2) formulate a specific capital improvement program for alternative modes of mobility in the areas.

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

END PRODUCTS

- ♦ Develop short-term capital improvement programs for the areas studied.
- ♦ Draft ordinances.

PROJECT MANAGERS:

Walter Geiger
Susan Schreiber

PARTICIPATING AGENCIES:

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

WORK SCHEDULE::	1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1998	<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:

\$40,000 PL 112 (\$32,772 Federal, \$7,228 Local)

OBJECTIVE B: SHORT-RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

2.16 NW/SW 1ST AVENUE EXTENSION PROJECT

OBJECTIVE:

1. Determine the feasibility and impacts of extending and widening NW/SW 1 St. Avenue from the Miami River to NW 14th Street as a component of the Downtown Traffic Loop.

PREVIOUS WORK

1. I-95 Dupont Plaza Ramps Alternative Analysis (1994)
2. Downtown Miami Transportation Study (1985)

METHODOLOGY:

The Downtown Development Authority (DDA) with their transportation planning consultants shall provide the following

1. Develop alignment Alternatives
Mapping and identification of right-of-way corridors, property easements and physical constraints.
2. Prepare Preliminary Designs
Development of cross sections, intersection locations and design requirements.
3. Determine Feasibility
Preliminary assessment of cost, right-of-way needs, impacts and constructability.
4. Determine Traffic Flow compatibility
Impacts on traffic circulation, access and egress to new developments and the proposed Downtown Traffic Loop. Determine consistency with current transportation plans and projects.

END PRODUCTS:

1. Study Report, Executive Summary and Technical Appendix; and
2. Preliminary Design Plans.

PROJECT MANAGER:

Adam Paul Lukin, Downtown Development Authority

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

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

FUNDING:

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

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

TASK NUMBER AND TITLE

2.17 **CONDUCT TRANSIT MARKET RESEARCH**

OBJECTIVE:

Provide planning data and insights into the attitudes toward transit of passengers, potential passengers, and the general public. This information would be used to increase the effectiveness of transit service planning and the efficiency of transit service.

PREVIOUS WORK:

Work products for the period beginning January 1996 to the present include the following market research studies: the 27 Avenue Max Study, the Kendall Corridor Study, the Study of South Dade Commuters Travel Patterns, the Study of South Dade Transit Metrobus Routes, the Hamlet at Walden Pond Transit Market Research Study. Currently working on a Post Busway opening Satisfaction Market Research Study and on the 1997 Tracking Study. Extensive market research was conducted for the design of the service on the South Dade Busway.

METHODOLOGY:

1. Systematic surveys where MDTA passengers are surveyed. Key objectives are to determine passenger satisfaction with service, identify key problems, and determine opportunities for improved performance and service. The major projects for FY 98 include research of the effectiveness of new marketing programs and/or additional transit service such as that which may be implemented to attract tourists and visitors in the area to public transit as well as satisfaction surveys of various elements of the transit system. Standard market research techniques, e.g. interviews, telephone surveys, or focus groups, would be applied to the transit environment.
2. Regional and special purpose studies to obtain information about the transit needs of the rider and non-rider population. Studies would be conducted by consultants and MDTA staff and would include research using focus groups, telephone surveys, and personal interviews to targeted populations. In FY 98, research projects will concentrate on South Dade Busway riders to see if the services being operated meet their needs; and surveying residents of South Dade between Cutler Ridge and Florida City to obtain information to be used for the planning of Phase II of the South Dade Busway. Other projects to be carried out are studies of growing areas of the County, such as far West Dade and the Airport West area, which have little or no public transit service and which may need such service. Where traditional public transit service is not feasible, other transit alternatives such as vanpool service, community bus circulators, shuttle service, or jitneys that feed into our current system will be examined.
3. Other similar related projects on an as needed basis, subject to approval of deprogramming of funds by the state.

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 studied .
2. Specific projects incorporating the results of the market research studies will materialize. The Service Planning and Scheduling Division will be able to study more closely where additional service is needed in the County. These would be tested further, e.g. by more focused market research and community focus groups where the suggestions could be prioritized and incorporated into future TDPs.

MANAGERS

David R. Fialkoff

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$71,600 Section 5307 (\$57,280 Federal, \$14,320 Local)

Objective 3



Intermodal Transportation Planning

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.01 **TRANSPORTATION/AIR QUALITY CONFORMITY DETERMINATION ASSESSMENT**

OBJECTIVE(S):

Meet the requirements of the 1990 Clean Air Act Amendments (CAAA) and the Federal Conformity Regulations (40 CFR Parts 51 and 93) and the State Implementation Plan (SIP). 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 Metro-Dade Department of Environmental Management (DERM) and FDOT District Six to implement the activities required by the redesignation of the Southeast maintenance area. Ensure that appropriate contingency actions are taken if there is an exceedance of the national Ambient Air Quality Standards (NAAQS) in the Southeast Florida airshed.

PREVIOUS WORK:

The Southeast Florida airshed was redesignated from moderate non-attainment for ozone to maintenance area on April 25, 1995. The Miami MPO has developed a Year 2015 Long Range Transportation Plan and Transportation Improvement Plan for Fiscal Years 1995/96 - 1999/2000 which have been found to conform to the requirements of the CAAA, the Federal Conformity Regulations, and the State Implementation Plan. The Air Quality and the TIP were developed in consultation with the MPOs, local air programs and FDOT districts through the regional Inter-MPO Air Quality Technical Committee.

METHODOLOGY:

Continue participation in the inter-MPO Air Quality Technical Committee.

Develop an Air Quality Conformity Determination report for the Transportation Improvement Program for Fiscal Years 1998/99 - 2002/03 consistent with the CAAA Conformity Regulations and SIP as summarized in FDOT Procedure #525-010-014 ("District Review of Conformity Determinations in Air Quality Maintenance Areas").

Consider strategies for the air quality analysis of the 2020 Long Range Transportation Plan to be developed in 1998.

Identify TCM-Type activities (Transportation Control Measures) that contribute to air quality in Dade County and develop off-model techniques for estimating the emission benefits and impacts of such activities within the air quality conformity process. TCM-type activities include, but are not limited to: bicycle travel, car-pooling, ride sharing, exclusive-lane travel, etc.

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 Determination Report for the FY 1997-1998 TIP.
4. Conformity Air Quality Assessment on the Year 2020 Long Range Plan.
5. Documentation in support of Inter-MPO Technical Coordination committee meetings.
6. Documentation in support of emission benefit assessments by using "off-Model" techniques.

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

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

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 50,000	Section 5303	(\$40,000 Federal, \$5,000 State, \$5,000 Local)
\$ 40,000	PL112	(\$32,772 Federal, \$7,228 Local)
<u>\$ 30,000</u>	Section 5303 FY 97	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$120,000		

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.02 **DOWNTOWN MIAMI TRANSPORTATION MASTERPLAN**

OBJECTIVE:

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

PREVIOUS WORK:

1. Performing Arts Center Area Masterplan (1997)
2. Downtown Miami Traffic Loop Concept Proposal (1995)
3. I-95 Downtown Distribution Ramps Alternative Analysis (1994)
4. Downtown Miami Master Plan (1989)
5. Downtown Miami Transportation Study (1986)
6. Port Access: Issues and Options (1995)

METHODOLOGY:

The Downtown Development Authority (DDA) and the soon to be created Downtown Miami Transportation Management Association (TMA) shall provide the following:

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

Community participants include:

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Planning and design professionals for the:

- Performing Arts Center;
- Sports Arena;
- Seaport Expansion; and
- East-West transit;
- Government agencies and their consultants from the:
- Florida Department of Transportation;
- South Florida Regional Planning Council;
- Dade County Metropolitan Planning Organization;
- Metro-Dade Transit Agency;
- Dade County Public Works;
- City of Miami; and
- Miami Public Works

2. Analyze current projects and programs through a series of presentations by agencies, project developers and their consultants.
3. Determine variables to consider in ranking and phasing of projects including:
 - level of need;
 - physical considerations;
 - economic considerations;
 - environmental impacts; and
 - funding
4. Develop new project and program recommendations to address community concerns.
5. Develop strategies for joint public/private partnership in funding and implementing downtown transportation projects.
6. Develop an overall transportation masterplan priority list and recommended phasing and scheduling.
7. Present masterplan to committees of the MPO.

END PRODUCTS:

Downtown Miami Transportation Masterplan.

PROJECT MANAGER

Adam Paul Lukin, Miami Downtown Development Authority

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

PARTICIPATING AGENCIES

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

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE

3.03 **CENTER FOR URBAN TRANSPORTATION RESEARCH SUPPORT**

OBJECTIVE(S):

This effort proposes to provide the Metro-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:

Metro-Dade Transit Agency has utilized the technical services of the Center for Urban Transportation Research (CUTR) for the past five years. CUTR projects have included: preparation of a bus operations manual; joint development project development; design, administration, and analysis of an on-board survey; analysis of fare policies; updating the agency's Strategic Management Plan; bikes-on-buses feasibility analysis; bus cleaning procedures recommendations; evaluating the role and priorities of bus field supervisors transit service performance analysis and monitoring process, metrobus availability, the transit operating system program, etc. Some 24 projects have been authorized under the current Interlocal Agreement.

METHODOLOGY:

The primary tasks of this agreement will include a variety of work efforts to address issues facing the Metro-Dade Transit Agency, such as the following:

END PRODUCTS:

1. Automated Operator Bidding Process

This work order will research the possibility of automating the current manual process in which MDTA's 1000 bus operators select their work assignments at each of the three "line-ups". The current process is done with long hand sheets requiring each operator to review and select the remaining available runs while being assisted by both union and management representatives. The current process is labor intensive, somewhat expensive and reduces MDTA's flexibility to quickly respond to a changing market. Automated bidding could possibly reduce the process from five weeks to one week. CUTR will research how (and if) this is being done in other transit agencies, and locate examples from other industries if necessary.

2. Communications and Coordination

The purpose of this work order is to provide the project management and on-site presence necessary to carry out project communications and administration, including handling the administrative aspects of all work orders; communicating with the Dade County

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Commission, MPO, etc., preparing progress reports, invoices, and related documents. This work order also allows CUTR to perform special project research on behalf of the Project Manager on short notice when necessary.

3. Public Services Division Review

The purpose of this work order is to review the current MDTA Public Services Division, which includes Passenger Services and the Transit Information Unit, to examine the existing role of the Division in MDTA, services provided, efficiency of existing services, current and future reporting capabilities, and relationship to other functions within the organization. The result will be a series of recommendations designed to improve and possibly expand services provided by the Division. A comparison of peer systems in the United States will be done to identify successful techniques that can be employed by MDTA.

4. Review and Assessment of Kiosk Information Systems

This project reviews the state of the art in Kiosk technology. Transit systems using kiosks will be identified to determine: the type of information that is made available to transit customers; the types of transactions that are made at kiosks; the security techniques used by transit agencies to protect remote kiosks; the hardware, software, and communication technology needed to sustain in-terminal or wayside systems such as kiosks; and other user friendliness features that increase kiosk appeal to existing and potential transit customers.

PROJECT MANAGERS:

Joel Volinski
Mario G. Garcia

PROJECT COMPLETION:

1. September 30, 1997
2. January 10, 1998
3. August 30, 1998
4. March 31, 1998

PARTICIPATING AGENCIES:

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

FUNDING:

\$100,000 Section 5307 (\$80,000 Federal, \$20,000 Local)

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

3.04 COMPREHENSIVE BICYCLE/PEDESTRIAN PLANNING PROGRAMS

OBJECTIVE(S):

To increase the use of non-motorized ground transportation by 1) implementation of the Bicycle Facilities Plan; 2) further development of pedestrian mobility studies; 3) encouraging and coordinating citizen and municipal involvement; and 4) continuing Engineering, Education, Enforcement and Encouragement ("4-E") activities.

PREVIOUS WORK:

1. Inventory/catalog of existing roadway and off-road facilities using geographic information system (GIS).
2. Incorporated a *Bicycle Facilities Plan* into the Long-Range Transportation Planning process and established a policy for the programming of 1.5% of surface transportation project funding towards the development of non-motorized transportation projects.
3. Developed an urban trails and greenways plan for the area north of Kendall Dr. to assist with non-motorized transportation/recreation needs in the urbanized area.
4. Drafted a *Bicycle Parking Plan* to assist with proper provisions and placements of bicycle parking to encourage bicycle use.
5. Assisted with the development of bicycle and pedestrian facilities for the County, State, local municipalities, private developers and community groups.
6. Staff support for the Bicycle/Pedestrian Advisory Committee (BPAC) to assure citizen involvement with the development of County and State projects.
7. Assisted the media, various organizations and the general public concerning bicycle/pedestrian transportation/recreation within the County.
8. Provided equipment/training for bicycle/pedestrian safety rodeos at various schools/community centers; as well as distributed safety brochures to the general public.
9. Assisted MDTA with the expansion of bicycle/transit integration program to Metrobus, as well as encouraged the TCRA with bicycle service on Tri-Rail, and on-going administration/maintenance/marketing of lockers at Metrorail stations to encourage multimodal use.
10. On going distribution of route maps, path maps, the Bike Miami roadway suitability map to encourage bicycle use.
11. Participated in committees/discussions regarding policy and practices, such as Traffic Calming symposiums, neighborhood charrettes and pathway maintenance.
12. Assisted with the passage of a statewide helmet law for bicycle use by children.

METHODOLOGY:

TASK 1 - BICYCLE PLANNING

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Dept. of Transportation, and local capital improvement programs to recommend bicycle/pedestrian accommodations.

- b. Solicit the BPAC to provide public input into the planning process, this includes submitting projects and reviewing proposals.

TASK 2 - PEDESTRIAN PLANNING

- a. Further development of pedestrian studies, based upon pedestrian trip generators, accident statistics, ADA data, and CDMP goals and objectives.
- b. Solicit the BPAC to provide public input into the planning process.

TASK 3 - 4-E PROGRAMSAdministration

- a. Provide staff support for the BPAC. This includes scheduling meetings, preparing agendas and minutes, identifying issues and following-up on directives.
- b. Review of technical, regulatory and legal materials as to their impact of non-motorized transportation within Dade County. This includes roundtable discussions with various County departments, State officials, local municipalities and other planning boards; as well as serving as a professional witness on behalf of Dade County.
- c. Liaison to media, municipalities, community groups and individual citizens concerning bicycle/pedestrian related issues.

Education

- a. Assist the Dade County Public Schools' Traffic Safety Program. This includes distribution of materials/equipment and teacher training.
- b. Provide guidance for planners, engineers, developers, citizens, etc. on bicycle and pedestrian needs and proper facility design standards.
- c. Assist with bicycle safety rallies for hospitals, law enforcement agencies and community groups, including distribution of safety educational materials to the general public.

Encouragement

- a. Assist development of programs encouraging the use of bicycles/walking for both transportation and recreation. This includes monitoring/administration of the Bikes-And-Ride & Metrorail locker programs, and suggestions to enhance these programs.
- b. Assist local group races in applying for road closing permits. This includes encouraging other related recreational activities, such as special events/rides.
- c. Publish/distribute brochures on cycling and walking routes/health paths, the *Bike Miami* bicycle suitability map.

Enforcement

- a. Assist law enforcement agencies with strategies to improve bicycle and pedestrian law enforcement, and activities leading to improved bicyclist/pedestrian behavior.
- b. Assist local law enforcement agencies with projects/programs enforcing newly passed legislation of the Florida Helmet Law.

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Engineering

- a. Assist the County, State and municipal governments, local developers and community groups with the design and development of bicycle/pedestrian facility projects or plans.
- b. Implementation of the *Bicycle Facilities Plan* by assisting with the coordination of projects with Dade County Works Dept., FDOT, local municipalities and private developers. This includes recommending additional projects from capital outlay funds.
- c. Provide the Bicycle/Pedestrian Advisory Committee with the opportunity to submit projects for TIP consideration and review projects for comments.
- d. On-going field collection/catalog of data (i.e. roadway characteristics, bicycle paths, sidewalks, transit stops, Safe-Ways-To-School, etc.) for facility inventory database and analysis using the GIS.

END PRODUCTS:

- Bicycle Planning: Projects enhancing bicycle mobility in Dade County and providing bicycle accommodations to those corridors identified in the *Bicycle Facilities Plan*. BPAC resolutions regarding future plans, projects and proposals.
- Pedestrian Planning: Pedestrian studies describing goals and objectives, policy statements, or design proposals.

4-E Programs:

- Administration: Staff support for the Bicycle/Pedestrian Advisory Committee.
- Education - On-going support for the Dade County Public Schools' Traffic Safety Program. Workshops for planners, engineers, etc. on proper design of bicycle/pedestrian facilities. Educational materials and programs for children and adults to improve their traffic safety knowledge and bicycle handling skills.
- Encouragement - On-going assistance for special events for the public. Bike-And-Ride and Metrorail bicycle locker management. Bicycle/walking/health route/tour and facility maps.
- Enforcement - Activities leading to improved compliance to traffic laws.

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

PROJECT MANAGER: Jeffrey Hunter

PARTICIPATING AGENCIES: Florida Department of Transportation - District VI
Metropolitan Planning Organization

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 24,000 Section 5303 (\$19,200 Federal, \$2,400 State, \$2,400 Local)
\$111,000 STP (\$88,800 Federal, \$11,100 State, \$11,100 Local)
 \$135,000

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE

3.05

IMPROVING REGIONAL TRANSPORTATION PLANNING

OBJECTIVE(S):

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

PREVIOUS WORK:

This project undertaken by the South Florida Regional Planning Council started in FY 1990 and has been continuing through FY 1997. In addition, currently during FY 1997, Council staff participated in the Study Advisory Committee regarding the feasibility for a regional transit organization for the Dade, Broward and Palm Beach three-county region.

METHODOLOGY:

The Regional Planning Council will continue to provide transportation planning and technical assistance and continue the operation of the Multi-modal Regional Transportation Systems Committee.

1. Continuing to provide transportation planning and technical assistance

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

- a Continue to participate in the Study Advisory Committee for the Regional Transit Organization Feasibility Study for Palm Beach, Broward and 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 Miami Intermodal Center (MIC), and the East-West Corridor project.
- d Begin to serve on participate in the Advisory Committee for the Statewide Transit Strategic Plan, as part of the Florida Transportation Planning Process.

2. Continue the operation of the Multimodal Regional Transportation Systems Committee

The Multimodal Regional transportation Systems Committee was formed in February 1992. The Committee has two major objectives. The first is to enhance the intergovernmental coordination of regional multimodal transportation system planning. The second is to promote the integration between transportation planning and regional planning.

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

Active Committee participants include representatives from Dade and Broward MPOs, State DOT and DEP, County's planning departments, air quality agencies, transit agency, transportation consultant and universities. A list of the participants in recent Regional Forums on High Speed Rail sponsored by the Committee is included here as an example of Committee composition (see Attachment). 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, for example, the use of Intelligent Transportation System (ITS) in South Florida; transportation and land use relationships; impacts of federal and state 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 1996, 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 FY97-98. 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 FEC 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 Dade and Broward MPOs and the Transportation Committee participants.

END PRODUCTS:

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

PROJECT MANAGERS:

Ping Chang
Oscar Camejo

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

(Dade County's Portion of a Tri-County effort)

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

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

OBJECTIVE(S):

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

PREVIOUS WORK:

Station Area Aesthetics, Design and Development (SAADD) plans were prepared by Dade County and the City of Miami for Metrorail Stage I in the early 1980's. FDOT has commissioned extensive planning studies for transportation needs in the East-West corridor, which have concluded that a rail transit line should be built in the corridor. There has been a very brief, preliminary assessment of each station area site by FDOT consultants.

BACKGROUND

FDOT has selected consultants to prepare SAADD plans for six of the eight stations proposed for the East-West line, as follows:

Southeast quadrant of SR 826 and SR 836 - Unincorporated Dade County
 Southwest quadrant of NW 57 Ave. and Blue Lagoon Drive - Unincorporated Dade County
 East of NW 27 Ave. and north of SR 836 - City of Miami
 North of the Orange Bowl adjacent to the south side of NW 7 St. - City of Miami
 Beneath Government Center - City of Miami
 Beneath arena/park site east of Biscayne Blvd. - City of Miami

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

METHODOLOGY:

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

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

This will include involvement in the following tasks:

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

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

END PRODUCTS:

Progress reports by City and County Staff on their direct participation and input in SAADD

PROJECT MANAGERS:

Clark P. Turner, AICP
Bob Usherson,
Susan Schreiber

PARTICIPATING AGENCIES:

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

3.07

VANPOOL MARKETING PROGRAM

OBJECTIVE:

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

PREVIOUS WORK:

The Vanpool Demonstration Project is the result of the Congestion Mitigation Public-Private Partnership Study conducted for the MPO in 1994 which is expected to begin in October, 1997. Upon establishment, this element will supplement the marketing efforts to support the Vanpool Demonstration Program.

METHODOLOGY:

1. Analysis of the Project

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

2. Determination of Needs

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

3. Preparation of an Implementation Plan

To address the needs of the project, some of the actions that could be considered are: conduct surveys, prepare brochures, establish communications with the media (radio, newspaper or TV), meetings with employers, interview users, look for additional revenues sources, and encourage the participation of the private sector, among others.

4. Administrative Support

The MPO will have staff personnel assigned to this project to oversee all administrative responsibilities for running the project. This task may require the acquisition of hardware and software to fulfill this responsibility.

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

END PRODUCT:

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

PROJECT MANAGER:

Jesús Guerra

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$65,000 STP FY 97 (\$52,000 Federal, \$6,500 State, \$6,500 Local)

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

3.08

HISTORICAL IMPACTS OF TRANSPORTATION PROJECTS IN THE OVERTOWN COMMUNITY

OBJECTIVES:

To assess the extent to which the Overtown area has been historically affected by major transportation projects and suggest possible mitigation measures that would help preserve its integrity as a viable neighborhood and community into the future.

PREVIOUS WORK:

During the FY 1997 program year, an interlocal agreement was signed with the Center for Urban Transportation Research (CUTR).

METHODOLOGY:

To provide a historical overview of Overtown and the major transportation projects impacting it since the 1950's, using the following sources: archival records from Overtown residents and organizations, local libraries and historical collections, county and city agencies files; selected oral testimony from present and former residents of Overtown and vicinity; reports and studies from government and private agencies; newspaper; secondary literature; and, where accessible, state and federal government archival records.

1. Introduction of Overtown Community to include a brief description of Overtown, its population, boundaries over time, and community institutions
2. Identify previous transportation projects impacting Overtown to include a chronology of the planning and construction of major transportation projects in the Overtown area, such as I-95, SR 836, and Metrorail.
3. Description of economic and social characteristics in Overtown.
 - Tax base
 - Property values
 - Work/employment patterns
 - Income levels
 - Auto ownership

Current Status of Transportation and other Infrastructure

To provide current status of transportation and infrastructure characteristics in Overtown, through the use of census information, past and present studies and plans of the area; and a series of focus group meetings. To the degree data are available the study will include the following:

- A. Physical Environment
 - Infrastructure (e.g., roads, transit, water and sewage systems)

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

- Land use plans and zoning
- Community focal points (e.g., places of worship, playgrounds, barber shops, community centers, etc.)
- Public services and facilities (e.g., schools, police, fire, libraries, hospitals)
- B. Visual Environment and Aesthetic Assessment; the community's aesthetic character
- C. Safety
 - Transportation safety data
 - Access to public safety (e.g., police, fire, hospital, etc.)
- D. Public Transportation
 - Metrobus routes and service
 - Metrorail station and service
 - Jitney routes and service
 - Access to all transit service

Assessment of Impacts in Relation to Transportation Projects

- A. Assess positive and negative impacts.
- B. Discuss assessment of impacts in relation to current community conditions.

END PRODUCTS:

1. A FINAL REPORT WHICH WILL INCLUDE POTENTIAL MITIGATION ACTIONS

- A. Suggest potential mitigation actions as related to the results of the assessment of impacts.
- B. Explain Environmental Justice (Executive Order 12898) and the concept of mitigation.
- C. Planned transportation projects.
- D. Other actions.
- E. Community acceptance of possible mitigation measures.

PROJECT MANAGER: Clinton Forbes

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
 Florida International University (F.I.U.)
 Metro Dade Transit Agency

WORK SCHEDULE:: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING: \$100,000 "D" FY 97 (100% State)

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

3.09 ALTERNATIVES FOR INTERMODAL IMPROVEMENTS IN DADE COUNTY

OBJECTIVE:

The objective of this study is to identify physical locations that may be developed as intermodal facilities, as well as to improve transfer conditions between the different transportation modes.

PREVIOUS WORK:

Different studies have been developed by Metro Dade Transit Agency (MDTA), the Metropolitan Planning Organization (MPO) and the Florida Department of Transportation (FDOT) in this area. During the FY 1996 program a consultant was selected and contract negotiated, during the FY 1997 program coordination between state and local agencies, as well as with private transit operators was conducted. Defined and developed an evaluation program to determine possible intermodal and transfer locations that integrate the service provided by public and private transportation carriers. Consultant selected in February, 1997.

METHODOLOGY:

1. Conduct a survey to obtain users' opinion regarding their travel and transfer characteristics, satisfaction with the service provided and their recommendations to improve the service. The survey should be concentrated in those users that actually transferring in the transit system and determines those potential candidates willing to transfer if appropriate. Also, the survey should measure the public acceptance of the actual and proposed transfer locations.
2. Analyze the data collected to determine: coordination efforts to be established between public and private operators, physical and operational characteristics of recommended locations, estimated costs and the priority of the proposed facilities.
3. Evaluate land use opportunity in the surroundings of the selected locations. In this aspect, considerations should be given to land use impacts and modifications, acquisition of properties, type of facilities required and future potential use and benefits of said facilities.
4. Develop an action plan to implement the recommended intermodal and/or transfer locations that provides accessibility, convenience and comfort to the users. This plan shall consider physical and operational improvements, as well as educational measures and procedures to improve connectivity and accessibility between the different transit service providers.

END PRODUCT:

- a. Technical Memorandum #1: Guidelines to Develop Intermodal Facilities
- b. Technical Memorandum #2: Perception and Acceptance of Transfer by Users
- c. Final Report

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Metro-Dade Transit Agency
Seaport Department
Aviation Department
Florida Department of Transportation - District 6, and private operators.

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING: (Second Year)

\$55,000 PL112 (\$45,062 Federal, \$9,938 Local)

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

TASK NUMBER AND TITLE:

Project carried forward from FY 1997 UPWP

3.10 **EFFECTS OF TRANSPORTATION PLAN DEVELOPMENT ON MINORITY AND IMPOVERISHED COMMUNITIES IN THE MIAMI URBANIZED AREA**

OBJECTIVE:

Transportation plan development in the Miami urbanized area has occurred, at times, with little regard for minority communities in the Miami urbanized area. This study will survey and develop a report on the effects of transportation plan development on minority and impoverished communities as well as other stakeholders. A plan of action will be developed to prevent detrimental effects on ethnic and minority neighborhoods resulting from the construction of additional transportation facilities.

PERVIOUS WORK:

During the FY 1997 program year, an interlocal agreement was signed with the Center for Urban Transportation Research (CUTR).

METHODOLOGY:

By Executive Order 12898, dated February 11, 1994, the President of the United States ordered several cabinet level departments to develop environmental justice strategies to protect minority and low-income populations. In Section 2-2 of this executive order, the President directed that agencies responsible for federal programs, including the U.S. Department of Transportation, shall conduct their activities in ways that "...do not have the effect of excluding persons (including populations) from participation in, denying persons (including populations) the benefits of, or subjecting persons (including populations) to discrimination under such programs, policies, and activities, because of their race, color, or national origin." Section 6-602 provides that this particular executive order is a supplement to Executive Order 12250 requiring consistent and effective implementation of various laws prohibiting discriminatory practices in programs receiving Federal financial assistance.

This study will supplement the Conference of Minority Transportation Officials' (COMTO) livable community initiative entitled "COME OUT". Federal Planning Regulation 23 CFR 450.300 provides for an outreach and community involvement mechanism to ensure that urban core issues are appropriately addressed. In the spirit of these executive actions and COMTO's initiative, this study will address the following:

1. A technical memorandum identifying underrepresented stakeholders and developing liaisons with hard to reach communities. Geographic, historical and socio-economic profiles will be developed.
2. Identification of community issues and goals that are important to inner city residents, assisting them in prioritizing these goals, and developing a mechanism to have these issues addressed. Federal planning regulations 23 CFR Part 450.300 specifically provides for such outreach and public involvement.

OBJECTIVE C: INTERMODAL TRANSPORTATION PLANNING

3. Assistance to the MPO in developing instruments that help minority residents determine the impact of transportation on their quality of life. Communities will identify multiple environmental impacts, collect ideas and data on prevention.
4. Training for appropriate staff to use a fair division algorithm.
The game procedures will yield:
 - a) an orchestrated interaction between planners and community stake holders;
 - b) joint identification of relative planning and community issues
 - c) valuation and prioritization of important issues
 - d) agreement on the basis for working cooperatively
5. A literature and resource search will be conducted and appropriate comparisons with other major metropolitan areas that have dealt with these issues effectively will be made.

END PRODUCTS:

1. Development and implementation of an administrative process for developing an environmental justice strategy for future transportation plans.
2. Training for staff in collecting and processing data received from minority and non-traditional stakeholders.
3. An investigative report with recommendations for relating to minority communities will be developed as a supplement to the public involvement program.
4. Training and related materials for use by minorities and other stakeholders to educate the public at-large about the environmental justice as it relates to transportation planning.
5. A public information tool will be developed dealing with transportation-related planning issues in minority communities.

PROJECT MANAGER:

Terrence Taylor

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation

WORK SCHEDULE::

1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1998	<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:

\$ 5,000	PL112	(\$4,096 Federal, \$904 Local)
<u>\$30,000</u>	STP FY 97	(\$24,000 Federal, \$3,000 State, \$3,000 Local)
\$35,000		

Objective D

**Transportation
Planning
Decision-
making
and Funding**



OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUND

TASK NUMBER AND TITLE:

4.01 **UPWP ADMINISTRATION**

OBJECTIVE(S):

Effectively manage the approved transportation planning and program the funds supporting the Program.

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 cognizant individual Project Managers and divisions/department heads, prepare draft Work Order Requests and process, as necessary, to validate charge accounts and financial procedures.
 2. Review Work Order Requests to insure consistency with the approved UPWP and grant budgets.
 3. Obtain concurrence of the Finance divisions involved.
 4. Issue Work Orders.
 5. Review and process requests for Work Order revisions, as appropriate.
 6. 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.

- 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.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUND

- 3. Prepare Quarterly Progress Reports. Submit to the TPC and funding agencies.
- 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.
- g. 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.
- h. Maintain and update Long Range Transportation Plan and MPO approved documents. Insure adequate public distribution of documents and graphic materials.

END PRODUCTS:

- 1. Work Order Requests
- 2. Work Orders
- 3. Expenditure records
- 4. Long-Range Transportation Plan and other MPO approved documents for distribution
- 5. Grant Revision Requests
- 6. Monthly Fiscal Reports
- 7. Quarterly Progress Reports
- 8. Reimbursement Requests
- 9. Project Completion Reports
- 10. Departmental Audit

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCY:

Metropolitan Planning Organization
 Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$35,000	Section 5303	(\$28,000 Federal, \$3,500 State, \$3,500 Local)
<u>\$35,000</u>	PL112	(\$28,675 Federal, \$6,325 Local)
\$70,000		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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. Updating Commissioners and municipalities on transportation related issues and their impact.

METHODOLOGY:

- a. Provide staff support for the MPO Board
 1. Identify critical transportation planning issues.
 2. Organize meetings. Prepare agendas and back-up materials/documentation.
 3. Prepare, certify and process MPO Board Resolutions.
 4. Prepare Minutes and follow-up on directives.
 5. Respond to concerns of MPO Board members.
 6. Provide direct Staff support to MPO Board members.

- b. Provide staff support for Municipal Coordination
 1. Contact officials and staff of Metro-Dade municipalities on a regular basis, to advise them of 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 Tri-County Regional Organization, High Speed Rail and the Dade County Expressway Authority (DCEA). Serve on the 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.
 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.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

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 of 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:	1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1998	<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:

\$ 32,000	Section 5303	(\$25,600 Federal, \$3,200 State, \$3,200 Local)
\$100,000	PL112	(\$81,930 Federal, \$18,070 Local)
<u>\$100,000</u>	Section 5307	(\$80,000 Federal, \$20,000 Local)
\$232,000		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE:

4.03 **UPWP DEVELOPMENT**

OBJECTIVE(S):

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

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

Prepare the FY 1999 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 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 1999 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 and the A-95 Review 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 FY98 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.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

END PRODUCTS:

1. Revisions to the FY 1998 UPWP
2. Update of the issue list and program objectives to be considered in preparing the FY 1999 UPWP
3. Review Draft of the FY 1999 UPWP
4. Final Draft of the FY 1999 UPWP
5. Memos transmitting the UPWP document

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCY:

Metropolitan Planning Organization
 Florida Department of Transportation - District 6
 Metro Dade Transity Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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 23CFR part 450, and consistent with the requirements established in Title 23 USC 134(h) and Section 339.175 of the Florida statutes.

PREVIOUS WORK:

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

METHODOLOGY:

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

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

END PRODUCTS:

A multi-modal Transportation Improvement Program (TIP) document for Fiscal Year 1999, with forecasts of needs through 2003.

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

- Metropolitan Planning Organization
- Metro-Dade Public Works
- Metro-Dade Transit Agency
- Metro-Dade Aviation Department
- Metro-Dade Seaport Department
- Florida Department of Transportation - District VI
- Dade County Expressway Authority

WORK SCHEDULE:	1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
	1998	<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:

\$ 65,000	Section 5303	(\$52,000 Federal, \$6,500 State, \$6,500 Local)
\$ 70,000	PL112	(\$57,351 Federal, \$12,649 Local)
<u>\$ 65,900</u>	Section 5307	(\$52,720 Federal, \$13,180 Local)
\$200,900		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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. Insure 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). Implement a public involvement plan as required by under 4.14.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

- a. Provide coordination and staff support to CTAC and its six subcommittees.
 1. Identify transportation planning issues for CTAC review
 2. Organize meetings. Prepare agendas and back-up materials/documentation
 3. Prepare CTAC Resolutions
 4. Prepare minutes, follow-up as necessary
 5. Respond to day to day concerns of CTAC members
 6. Perform administrative functions related to committee structure, rules, member appointments, attendance, vacancies etc.

- b. Provide coordination and staff support to the TARC.
 1. With Chairperson and staff, identify transportation projects with potential visual and aesthetic impacts for inclusion in agendas
 2. Coordinate with all relevant agencies for project review and follow up
 3. Organize meetings. Prepare agendas, and back-up materials, and documentation
 4. Prepare recommendations, resolutions and minutes
 5. Respond to concerns of TARC members
 6. Perform administrative functions related to committee structure, rules, attendance vacancies etc.
 7. Develop committee policy and procedure for TARC review

- c. 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.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

- d. Provide a mechanism 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 parties.
- e. Advise the BCC and the MPO on specific policy issues and products as well as provide an independent and broad-based monitoring of on-going planning and implementation activities.

END PRODUCTS:

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

PROJECT MANAGERS:

Clinton Forbes
Susan Schreiber

PARTICIPATING AGENCY:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

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

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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 and its committees.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

- a. Provide staff support for the Transportation Planning Council.
 - 1. Identify critical transportation planning issues.
 - 2. Organize meetings. Prepare agendas and back-up materials/documentation.
 - 3. Prepare TPC Resolutions.
 - 4. Prepare Minutes and follow-up on directives.
 - 5. Respond to day-to-day concerns of TPC members.

- b. Provide staff support for the Transportation Plan Technical Advisory Committee (TPTAC).
 - 1. Identify critical transportation planning issues.
 - 2. Organize meetings. Prepare agendas and back-up materials/documentation.
 - 3. Prepare Summary Minutes and follow-up on directives.
 - 4. Respond to day-to-day concerns of TPTAC members.

END PRODUCTS:

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

PROJECT MANAGER:

Irma San Roman

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$55,000	Section 5303	(\$44,000 Federal, \$5,500 State, \$5,500 Local)
<u>\$40,000</u>	PL112	(\$32,772 Federal, \$7,228 Local)
\$95,000		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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. To provide cost-efficient coordinated transportation programs that contain a monitoring component to ensure the integrity of the program.

PREVIOUS WORK:

The Memorandum of Agreement, Trip Grant and Annual Operating Report have been completed and funded FY 96/97. This is an annual requirement of the TD Commission. There has been a substantial increase in funds based on the data provided in these documents.

The Medicaid Metropass Program, instituted in May, 1993 resulted in a savings of almost \$200,000 to the State Medicaid Office in the first eight (8) months of implementation. The program is in the 3rd year of operation, and has generated a savings of more than \$10 million for Medicaid transportation.

Special Transportation Services (STS) options was instituted in October 1994. It offers disabled individuals the opportunity to receive a free Metropass for unlimited travel on the conventional transit system. Participants have the option of returning to the door to door paratransit system if they find that they can no longer access the bus or rail due to physical or logistic problems. The program has generated a million dollars of savings to the County.

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 provide the planning and administration of FDOT Section 16 funds through the Community Transportation Coordinator's (CTC) office.
- d. Continue to encourage Section 16 grant recipients to participate in the coordination of the transportation disadvantaged by becoming part of the new paratransit brokerage system.
- e. Complete the TD Commission reporting requirements by submitting a Service Plan, Memorandum of Agreement, and Annual Operating Report.
- f. 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.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

- g. Staff the Local Coordinating Board; set the agenda; produce the minutes and documents as requested.
- h. Facilitate an annual transportation disadvantaged sponsored public hearing.
- i. Continue the Alternative Transportation Options for Medicaid (ATOM), and the Medicaid early intervention programs which are two new projects begun in 1995/96. They will continue to be the responsibility of the CTC to administer and monitor for FY 1996/97.

END PRODUCTS:

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

PROJECT MANAGERS:

Sheila Winitzer
Oscar Camejo

PARTICIPATING AGENCIES

Metro-Dade Transit Agency
Metropolitan Planning Organization

WORK SCHEDULE: 1997 Mar Apr May Jun Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$63,068 Transportation Disadvantaged (100% State Funds)

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE:

4.08 AMERICANS WITH DISABILITIES ACT (ADA) PLANNING FOR COMPLIANCE

OBJECTIVE(S):

- a. To achieve compliance with State and Federal requirements for ADA planning.
- b. To comply with Federal requirements to make the public transit system accessible to people who are physically and developmentally challenged and currently are unable to use the fixed-route public transit system.

PREVIOUS WORK:

In FY 96/97 Metro-Dade Transit Agency (MDTA) met the compliance requirements for ADA, therefore, no update of the Plan was required. A letter as a certification of compliance was submitted to FTA.

ACTIVITIES FOR FY 97-98:

- a. Develop a deployment plan for additional lift-equipped buses.
- b. Provide staff support for various TD and ADA related advisory groups.
- c. Follow up on compliance of Key Station Plan for Metrorail.

END PRODUCTS:

- 1. Vehicle deployment plan
- 2. ADA Compliance self-certification.

PROJECT MANAGER:

Mario G. Garcia

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$137,400 Section 5307 (\$109,920 Federal, \$27,480 Local)

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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 FY95. During this fiscal year, a minor submission is required. This update will require updating some of the required tables where significant changes have occurred during FY95-98. An updated program submission is required by August 1999.

METHODOLOGY:

1. Monitor the minority usage of transit service through analysis information obtained from marketing tracking services to review for equity under Title VI guidelines.

END PRODUCT:

1. Partial Update of the Minority Accessibility/Title VI Report. Update of tables as required.

PROJECT MANAGERS:

Mario G. Garcia

PARTICIPATING AGENCY:

Metro-Dade Transit Agency

WORK SCHEDULE:

1997	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>						
1998	<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:

\$10,000	Section 5303	(\$8,000 Federal, \$1,000 State, \$1,000 Local)
<u>\$31,700</u>	Section 5307	(\$25,360 Federal, \$6,340 Local)
\$41,700		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE:

4.10 **LEGISLATIVE ASSESSMENTS**

OBJECTIVE(S):

1. To assure that all proposed transit and transportation grants and grant planning activities fulfill all requirements and provisions established or modified in the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA).
2. To fully understand and internally communicate the new or amended provisions of all Titles of the ISTEA, CAA, ADA and other transit-and transportation related legislation so that actions can be taken in achieving funding and operating objectives.
3. To monitor all proposed transportation-related legislation or regulations to identify and determine potential impact; develop Agency positions, commentary and other appropriate actions.

PREVIOUS WORK:

Some of this work was previously done by various staff and was part of other work elements. The magnitude of new and amended processes and requirements established by the CAA, ADA and ISTEA and their follow-up rules and regulations, therefore, these activities have become more consolidated and merit a separate project listing.

METHODOLOGY:

1. Obtain and review for pertinence, impact and opportunity all related new and proposed items of legislation, rules, regulations and guidelines emanating from Congress, FTA, FHWA, DOT, and other federal agencies.
2. Develop and verify interpretations, determine potential impact or opportunity, create positions responsive to courses of action to the proper Staff and assist in or monitor implementation actions.
3. Link all existing office computers to allow sharing of printer, and information using E-mail.

END PRODUCTS:

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

PROJECT MANAGER: Henry F. Sori

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

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

OBJECTIVE D: TRANSPORTATION PLANNING DECISION 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 and rental of MPO office space.

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. Quarterly accounting reports of federally granted monies are submitted to funding agencies to be processed.
3. The increase in citizen involvement and electronic communication within the agencies and with those entities outside the agency has created a need to continuously support the Internet by updating the home page and its supporting documentation.

END PRODUCTS:

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

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCY

Metropolitan Planning Organization
 Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 60,000	Section 5303	(\$48,000 Federal, \$6,000 State, \$6,000 Local)
<u>\$105,000</u>	PL112	(\$86,027 Federal, \$18,973 Local)
\$165,000		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE:

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

OBJECTIVE(S):

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

PREVIOUS WORK:

1. Transportation plans are required to be developed by the Florida Department of Transportation, District Six, Metro-Dade County Public Works, and the Metro-Dade Transit Agency to conform with the requirements of the Americans with Disabilities Act.

METHODOLOGY:

1. Continue and update field survey data on all state/county arterial roads in the unincorporated 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. Begin collecting field data on non-arterial roads in the unincorporated area to determine where improvements (as above) are necessary.
3. Develop estimated costs for needed improvements, evaluate financial resources, and recommend an implementation schedule.
4. Prepare work orders for construction of needed improvements.

END PRODUCTS:

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

PROJECT MANAGERS:

Maggie Tawil, P.E.

PARTICIPATING AGENCIES:

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

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$10,000 PL112 (\$8,193 Federal, \$1,807 Local)

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE:

4.13 **MUNICIPAL GRANT PROGRAM**

OBJECTIVE(S):

To encourage Dade County municipalities to participate in a competitive program for the performance of relevant transportation planning studies.

PREVIOUS WORK:

City of Homestead traffic and mobility study. City of Miami Beach municipal mobility plan. City of North Miami Beach mini bus service.

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 a competitive process.

PROJECT MANAGER:

Henry F. Sori

PARTICIPATING AGENCIES:

Metropolitan Planning Organization
Selected Municipalities
Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 10,000	PL112	(\$8,193 Federal, \$1,807 Local)
\$150,000	STP	(\$120,000 Federal, \$15,000 State, \$15,000 Local)
<u>\$ 37,500</u>	Municipal Match	(Participating Cities, 100%)
\$197,500		

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

TASK NUMBER AND TITLE

4.14 **PUBLIC INFORMATION PROGRAM**

OBJECTIVE:

The purpose of this element is to prepare informational materials and conduct activities to meet MPO public involvement program requirements and to inform the citizenry of 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 required the use of consultant assistance to enhance public information and public awareness. During the FY 1997 program, two consultants were acquired.

METHODOLOGY:

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

1. The development of newsletters, brochures, issue papers, or other written products from preexisting MPO technical documents, written or recorded transcripts of meetings, or oral briefings by staff or members of the board. Such work will include preparation of text, preparation of photographic or rendered graphics, lay-out and supervision of printing for documents featuring up to four-color separation.
2. The development of visual presentation materials for meetings or briefings, including display boards, flip charts, overheads, slides, all of which may include charts, spreadsheets, maps, text, or combinations of these. The consulting firm engaged in this effort should be prepared to utilize personal-computer based graphics display mediums (such as Microsoft Excel's "Slideshow" feature or equivalent), and to provide the equipment necessary to present such information to individuals or large groups through the use of active-matrix overhead projector couplers or projection-screen displays.
3. The development of audiotape and/or videotape projects, including recording, editing, mastering, and reproduction. Videotape projects must be of studio quality and prepared, if requested, on 3/4 inch video master tapes.
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 recordkeeping, the latter to include audio and/or video recording if necessary.

OBJECTIVE D: TRANSPORTATION PLANNING DECISION AND FUNDING

All works 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 actions request shall be based on partial work orders. Prices shall be negotiated according to factors such as: amount and complexity of work to be done, quality of the end product, delivery time and number of copies, among other.

END PRODUCTS:

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

PROJECT MANAGER:

Irma San Roman

PARTICIPATING AGENCY:

Metropolitan Planning Organization
 Florida Department of Transportation - District 6

WORK SCHEDULE: 1997 Jul Aug Sep Oct Nov Dec
 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

FUNDING:

\$ 70,000	PL112	(\$57,351 Federal, \$12,649 Local)
\$ 70,000	Section 5303 FY 95	(\$56,00 Federal, \$7,000 State, \$7,000 Local)
\$ 65,000	STP FY 97	(\$52,000 Federal, \$6,500 State, \$6,500 Local)
<u>\$ 41,500</u>	STP	(\$33,200 Federal, \$4,150 State, \$4,150 Local)
\$246,500		

Objective 1E

State Planning Program



METRO-DADE  METROPOLITAN
PLANNING
ORGANIZATION

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 1997-1998 beginning July 1, 1997 and ending June 30, 1998 follows:

OBJECTIVES (S):

See individual program sheets after summary table.

PREVIOUS WORK:

See individual program sheets after summary table.

METHODOLOGY:

See individual program sheets after summary table.

PROJECT MANAGER:

FDOT District Six SPR Coordinator Jo Laurie Penrose

PARTICIPATING AGENCIES:

See individual program sheets after summary table.

FUNDING:

See individual program sheets after summary table.

STATE PLANNING PROGRAM - PROJECTS SUMMARY

1998 UPWP TASK 5.01 (STATE PLANNING AND RESEARCH (SPR) PROGRAM PLAN - SUMMARY TABLE)

WPI	CO/SEC	JOB	PH	FUNC	FUND	TITLE	MANAGER	CONSULTANT or RECIPIENT
6590020			13		D	FIHS PLANNING CONSULTANT (CO FOX		PENDING
6590022	--	--	--	--	--	DATA COLLECTION/TRAVEL TIME-	JIMENEZ	--
	99040	7063	10	101	HP	TRAFFIC COUNTS	"	--
	99040	7063	10		D	DIRECT COSTS (HP INELIG	"	--
	99086	1618	13		D	CONSULTANT	"	TAP
6590024	--	--	--	--	--	GROWTH MGT. / COMPLAN and DR	STEINMILLER	--
	99006	7563	10	359	HP	COMPLAN REVIEWS	"	--
	99080	7563	10	360	HP	DRI REVIEWS	"	--
	99080	7563	10	169	HP	DEVELOPMENT REVIEW (NOBEL	"	--
	99080	7563	10	362	HP	GROWTH MANAGEMENT	STEINMILLER	--
			10		D	DIRECT COSTS (HP INELIG	"	--
	99006	1513	13		D	GROWTH MANAGEMENT C	"	W. KELLER
6590025	--	--	--	--	--	CORRIDOR STUDIES / ACCESS MA	HENDERSON	--
	99090	7162	10	363	HP	ACCESS MANAGEMENT	"	--
	99090	7162	10	365	HP	CORRIDOR STUDIES	"	--
	99090	7162	10	365	HP	INTERSTATE HIGHWAY S	"	--
			10		D	DIRECT COSTS (HP INELIG	"	--
	99006	1506	13		D	CORRIDOR STUDIES / ACC	"	F. R. HARRIS
6590028	99006	3523	50		D	BICYCLE/PEDESTRIAN GRANT (MO	HENDERSON	MONROE CO.
6590031	99906	1589	13		D	ISTEA REQUIREMENTS CONSULTA	DOMINGUEZ	PAB
	99906	1589	13		XU	ISTEA REQUIREMENTS CONSULTANT	"	PENDING
6590042	--	--	--	--	--	FLORIDA TRANSPORTATION PLAN	PENROSE	--
	99010	7063	10	365	HP	FTP	"	--
	99010	7063	10	365	HP	NEEDS ANALYSIS	"	--
	99010	7063	10	365	HP	STATE COMPLAN/REGIO	"	--
			10		D	DIRECT COSTS (HP INEL	"	--
6590045	--	--	--	--	--	WORK PRGM/TIP DEVELOPMENT	HENDERSON	--
	99080	7564	10	365	HP	MIAMI MPO LRP	"	--
	99080	7564	10	191	HP	WORK PROGRAM	"	--
			10		D	DIRECT COSTS (HP INELI	"	--
			13		D	WORK PRGM/TIP DEVEL	"	URS
6590046	--	--	--	--	--	PLANNING SUPPORT	KORROS	--
	99060	1512	10	193	D	ADMINISTRATIVE DUTIE	"	--
	99060	1512	10	616	D	ADA	"	--
	99060	1512	10	194	D	CLERICAL DUTUIES	"	--
	99060	1512	10	185	D	COMPUTER SYSTEMS A	"	--
	99060	1512	10	188	D	COMPUTER SYSTEMS I	"	--
	99060	1512	10	192	D	LEGISLATIVE BUDGET P	"	--
	99060	1512	10	601	D	PLANNING PRGM ADMIN	"	--
			1512		D	QAR'S	"	--
6590051	--	--	--	--	--	LOS/SPEED STUDIES (TRAVEL TIM	JIMENEZ	--
	99060	7061	10	364	HP	LOS (MAP)	"	--
	99060	7061	10	160	HP	TRAVEL TIME AND DELA	"	--
			10		D	DIRECT COSTS (HP INEL	"	--

1998 UPWP TASK 5.01 (STATE PLANNING AND RESEARCH (SPR) PROGRAM PLAN - SUMMARY TABLE)

WPI	CO/SEC	JOB	PH	FUNC	FUND	TITLE	MANAGER	CONSULTANT or RECIPIENT
6590053	--	--	--	--	--	PEDESTRIAN/BICYCLE (MIAMI)	HENDERSON	--
	99010	7064	10	614	HP	BICYCLE/PEDESTRIAN	"	--
					D	DIRECT COSTS (HP INEL	"	--
6590055	--	--	--	--	--	ISTEA REQUIREMENTS	DOMINGUEZ	--
	99010	7066	10	370	HP	ISTEA REQUIREMENTS/)	"	--
			10		D	DIRECT COSTS (HP INE	"	--
ALSO SEE 6590031 FOR CONSULTANT FUNDS FOR THIS PROJECT								
6590057	--	--	--	--	--	RAIL-HIGHWAY CROSSING INVEN	JIMENEZ	--
	99020	7562	10	750	HP	RAIL CROSSING INVENT	"	--
			10		D	DIRECT COSTS (HP INE	"	--
6590058	--	--	--	--	--	MAPPING	DOMINGUEZ	--
	99030	7062	10	750	HP	MAPPING	"	--
			10		D		"	--
6590059	--	--	--	--	--	ROUTINE CLASSIFICATION (VEHIC	JIMENEZ	--
	99040	7562	10	750	HP	VEHICLE CLASSIFICATI	"	--
					D		"	--
6590060	--	--	--	--	--	HIGHWAY CLASSIFICATION	DOMINGUEZ	--
	99050	7064	10	750	HP	HIGHWAY CLASSIFICATI	"	--
					D		"	--
6590061	--	--	--	--	--	DESIGN TRAFFIC FORECAST	JIMENEZ	--
	99050	7065	10	753	HP	DESIGN TRAFFIC FORE	"	--
					D		"	--
6590062	--	--	--	--	--	SYSTEMS PLANNING	STEINMILLER	--
	99050	7266	10	365	HP	SYSTEMS PLANNING	"	--
					D		"	--
6590063	--	--	--	--	--	MPO SUPPORT - HPR	PENROSE	--
	99080	7562	10	365		MIAMI MPO SUPPORT -	"	--
	99080	7562	10	615		MIAMI MPO SUPPORT -	"	--
	99080	7562	10	194		MIAMI MPO SUPPORT -C	"	--
6590065	--	--	--	--	--	PAVEMENT CONDITIONS SURVEY	DOMINGUEZ	--
	99020	7162	10	752	HP	PAVEMENT CONDITION	"	--
					D		"	--
6592888			13		D	GEGRAPHIC INFORMATION SYSTE	DOMINGUEZ	PENDING
			13		XU		"	PENDING
6596618	--	--	--	--	--	MONROE COUNTY LRTP	STEINMILLER	--
	99080	7561	10	--	D		"	--
	99080	7561	10	--	HP		"	--
	99000	3530	50		LF		"	MONROE COUNTY
	99000	3534	50		XL		"	MONROE COUNTY

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (2) - SYSTEMS INVENTORY

Classification: Railroad Crossing Hazard Rating

Subject: Rail Crossing Inventory

Responsible Office: District Six

Job Number: 99020-7562-119 Work Program Item Number: 6590057 phase 10

Objectives

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

Proposed Activities for 1997-98

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99020-7562		80,000
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (2) - SYSTEMS INVENTORY

Classification: Pavement Condition

Subject: Pavement Management System

Responsible Office: District Six

Job Number: 99020-7162-119 Work Program Item Number: 6590065 phase 10

Objectives

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

Proposed Activities for 1997-98

- 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 programing recommendations to District Scoping Committee for future programming needs.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99020-7162	70,000	
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (3) - MAPPING

Classification: Mapping

Subject: Geographic Information System (GIS)

Responsible Office: District Six

Job Number: Unassigned

Work Program Item Number: 6592888 phase 13

Objectives

Application of GIS and development of relational database to produce maps and reports in support of District Six planning and programming activities.

Proposed Activities for 1997-98

Perform queries and produce all necessary maps and reports to support general planning decision support system activities, including:

- Pavement Deficiency Analysis
- Functional Classification
- Level of Service
- Location and attributes of Public Transportation and Intermodal Facilities
- Traffic Projections and Counts
- Highway Performance Monitoring System
- Access Management
- Transportation Boundaries
- National Highway System

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	Part I <u>Participating</u>	Part III-A <u>Non-Participating</u>
Unassigned		200,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (3) - MAPPING

Classification: Mapping

Subject: Mapping

Responsible Office: District Six

Job Number: 99030-7062-119 Work Program Item Number: 6590058 phase 10

Objectives

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

Proposed Activities for 1997-98

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99030-7062	90,000	
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (4) - TRAFFIC CHARACTERISTICS

Classification: Vehicle Classification

Subject: Vehicle Classification

Responsible Office: District Six

Job Number: 99040-7562-119 Work Program Item Number: 6590059 phase 10

Objectives

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

Proposed Activities for 1997-98

Provide necessary data and training to consultant

Conduct vehicle classification activities by consultant at sixty seven sites located in Dade and Monroe Counties

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

Other activities include technical review of consultant's monthly reports, project budget management, invoice processing and quality reviews.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99040-7562	80,000	
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (4) - TRAFFIC CHARACTERISTICS

Classification: Volume Counts

Subject: Data Collection/Travel Time & Delay Studies

Responsible Office: District Six

Job Number: 99040-7063-119

Work Program Item Number: 6590022 phase 10

Objectives

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

Proposed Activities for 1997-98

Collect traffic volumes, vehicle classification, and highway data inventories on State maintained arterials and expressways.

 Perform in-office quality and accuracy checks on collected data from highway inventory

 Conduct field quality assurance checks of existing highway characteristics

 Re-inventory State Highways after notices of completion are received

 Perform Contract Administration duties for Phase 13 funds

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	Part I <u>Participating</u>	Part III-A <u>Non-Participating</u>
99040-7063	123,000	105,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (4) - TRAFFIC CHARACTERISTICS

Classification: Volume Counts

Subject: Data Collection/Travel Time & Delay Studies

Responsible Office: District Six

Job Number: 99006-1624-010

Work Program Item Number: 6590022 phase 13

Objectives

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

Proposed Activities for 1997-98

Collect traffic volumes, vehicle classification, and highway data inventories on State maintained arterials and expressways.

Perform in-office quality and accuracy checks on collected data from highway inventory

Conduct field quality assurance checks of existing highway characteristics

Re-inventory State Highways after notices of completion are received

Perform Contract Administration duties for Phase 13 funds

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99006-1624		100,000
Roll forward from previous year		310,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (5) - SYSTEMS AND PROGRAMMING

Classification: Highway Classification and Systems

Subject: Functional Classification

Responsible Office: District Six

Job Number: 99050-7064-119 Work Program Item Number: 6590060 phase 10

Objectives

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

Proposed Activities for 1997-98

- Conduct office inventory of all Federally classified roads, including maps and spreadsheet outputs.
- Process jurisdictional roadway transfers to and from the State Highway System.

Structure the District data information systems in order to facilitate Federal reporting requirements.

Coordinate work efforts with local authorities and the Miami Metropolitan Planning Organization.

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99050-7064	80,000	
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (5) - SYSTEMS AND PROGRAMMING

Classification: Highway Classification and Systems

Subject: Design Traffic Forecast

Responsible Office: District Six

Job Number: 99050-7065-119

Work Program Item Number: 6590061 phase 10

Objectives

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

Proposed Activities for 1997-98

Develop design traffic forecasts and 18 kip equivalent wheel loadings for roadway and pavement design of highway projects.

Perform traffic projections for project development and environmental (PD&E) studies.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99050-7065	80,00	
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (5) - SYSTEMS AND PROGRAMMING

Classification: Highway Classification & Systems

Subject: Systems Planning

Responsible Office: District Six

Job Number: 99050-7266-119 Work Program Item Number: 6590062 phase 10

Objectives

Provide technical support to the Department, outside Agencies, and consultants regarding the Dade and Monroe County models and the long range transportation plans.

Provide model data and analysis to the above referenced users on an as needed basis.

Participate in the model development activities.

Proposed Activities for 1997-98

Provide in-house data and technical support for the Planning Office, the Environmental Management Office, and other FDOT offices as necessary.

Continue to provide model data and information to consultants, the general public, and outside agencies.

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99050-7266	50,000	
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (6) - SPEED AND TRAFFIC SERVICE STUDIES

Classification: Traffic Service Studies

Subject: Level of Service/Speed Studies

Responsible Office: District Six

Job Number: 99060-7061-119 Work Program Item Number: 6590051 phase 10

Objectives

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

Proposed Activities for 1997-98

- Complete the development of the 1995 LOS Map and work on future maps
- Continue to provide LOS analysis support to the Dade County Development Impact Committee and to the FDOT Central Office LOS research project
- Perform in-office quality reviews of LOS maps, reports and database spreadsheets produced by GIS consultant.
- Provide LOS maps and reports to Department and other government offices.
- Conduct speed studies as required

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99060-7061		40,000
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: Urban Transportation Planning - Other

Subject: Growth Management/Complan and DRI Review

Responsible Office: District Six

Job Number: 99006-1513-010

Work Program Item Number: 6590024 phase 13

Objectives

Fulfill legally mandated growth management responsibilities.

Review growth management projects (i.e. local government comprehensive plans and Developments of Regional Impact) for impact on State Transportation System.

Proposed Activities for 1997-98

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I</u> <u>Participating</u>	<u>Part III-A</u> <u>Non-Participating</u>
99006-1513 Unassigned		\$ 100,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: Urban Transportation Planning

Subject: Growth Management/Complan and DRI Review

Responsible Office: District Six

Job Number: 99080-7563-119 Work Program Item Number: 6590024 phase 10

Objectives

Fulfill legally mandated growth management responsibilities.

Review growth management projects (i.e. local government comprehensive plans and Developments of Regional Impact) for impact on State Transportation System.

Provide other growth management related functions as needed.

Administer Intergovernmental Coordination And Review (ICAR) process.

Proposed Activities for 1997-98

Coordinate with other offices in the Florida Department of Transportation regarding the review of Local Government Comprehensive Plans and Developments of Regional Impact.

Provide technical assistance to the Florida Department of Community Affairs and the Regional Planning Council in reviewing Local Government Comprehensive Plans and Developments of Regional Impact.

Provide project management activities including: technical review of consultant's project reviews; invoice processing/project budget management; and any contract administration activities.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
9		
9080-7513	60,000	
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: Other

Subject: Bicycle/Pedestrian

Responsible Office: District Six

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

Objectives

Provide assistance to Dade and Monroe County's bicycle/pedestrian programs.

Proposed Activities for 1997-98

Bicycle/Pedestrian Program Support

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I</u> <u>Participating</u>	<u>Part III-A</u> <u>Non-Participating</u>
99006-3523	\$80,000	

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: Urban Transportation Planning - Other

Subject: MPO Support/Long Range Transportation Plan

Responsible Office: District Six

Job Number: 99080-7564-119 Work Program Item Number: 6590045 phase 10

Objectives

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

Proposed Activities for 1997-98

Work Program/TIP Development

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

Long Range Plan Administration/Modelling

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

Conduct consultant management activities.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99080-7564	75,000	
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: Urban Transportation Planning - Other

Subject: MPO Support/Long Range Transportation Plan

Responsible Office: District Six

Job Number: Unassigned

Work Program Item Number: 6590045 phase 13

Objectives

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

Proposed Activities for 1997-98

Project Proposals Scoping

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

Air Quality Program Support

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

Work Program/TIP/Long Range Plan Coordination

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

Bicycle/Pedestrian Program Support

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	Part I <u>Participating</u>	Part III-A <u>Non-Participating</u>
Unassigned		200,000
Roll-forward		80,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: In-House Support

Subject: Planning Support/Planning Models/Data

Responsible Office: District Six

Job Number: 99060-1512-010 Work Program Item Number: 6590046 phase 13

Objectives

Provide In-House support for District Planning Program

Proposed Activities for 1997-98

Program management

Project support and budgeting

Clerical support to planning program

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I</u> <u>Participating</u>	<u>Part III-A</u> <u>Non-Participating</u>
99906-1512		50,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

Classification: In-House Support

Subject: In-House MPO Support

Responsible Office: District Six

Job Number: 99080-7062-119 Work Program Item Number: 6590063 phase 10

Objectives

Provide In-House support for MPOs Planning Program

Proposed Activities for 1997-98

Technical support to MPO UPWP tasks

Assist in UPWP development and review

Review MPO progress reports and process invoices

Participate in MPO governing board and technical committees

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99080-7062		105,000
Unassigned		13,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (9) - URBAN TRANSPORTATION PLANNING

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

Subject: Monroe County Long Range Transportation Plan

Responsible Office: District Six

Job Number: Unassigned

Work Program Item Number: 6596618 phase 10

Objectives

Provide funding to the County for the purpose of maintaining the long range transportation plan by hiring a consultant to provide the necessary technical support and to review and make recommendations regarding the transportation impacts of development proposals.

Maintain the long range transportation plan utilizing the Florida Standard Urban Transportation Model Structure (FSUTMS) and improve LRP Data Base with on-going data collection activities.

Proposed Activities for 1997-98

Provide funding to Monroe County by continuing the annual joint participation agreement which allows the County to contract with a transportation planning consultant.

Carry out project management and contract administration activities including review of products and invoice processing.

Support Monroe County's ongoing transportation planning process, and provide in-house data and analysis to the planning office and to the Department.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
Unassigned	85,129	10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (11) - SPECIAL STUDIES

Classification: State

Subject: FIHS Master Plans and Action Plans

Responsible Office: District Six

Job Number: Unassigned

Work Program Item Number: 6590020 phase 13

Objectives

Prepare Master Plans and Action Plans for the Florida Intrastate Highway System (FIHS).

Proposed Activities for 1997-98

Corridor Studies:

Collect and analyze transportation planning and engineering data needed to evaluate conditions and develop recommendations for multimodal improvements.

Coordinate with local governments, transportation providers, business and property owners, and interested citizens, as necessary to obtain information and to develop sufficient levels of public participation and consensus on proposed improvements.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

<u>Part I</u>	<u>Part III-A</u>
<u>Participating</u>	<u>Non-Participating</u>
Unassigned	305,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (11) - SPECIAL STUDIES

Classification: State

Subject: Corridor Studies/FL Intrastate Action Plans

Responsible Office: District Six

Job Number: 99006-1506-010

Work Program Item Number: 6590025 phase 13

Objectives

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

Proposed Activities for 1997-98

Corridor Studies:

Evaluate transportation needs based on demand, perform studies to recommend/analyze improvement alternatives for corridors, deliver necessary pre-PD&E documents and make recommendations to environmental management staff for further evaluations.

Develop plans for managing/protecting critical corridors in cooperation with local governments, identify both interim and ultimate improvements needed to the FIHS, review constrained corridors for potential planning and evaluation consistent with Long Range Transportation Plans.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
Balance from Previous Years (will roll-forward)		250,000
99006-1506		325,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (11) - SPECIAL STUDIES

Classification: State

Subject: Corridor Studies/FL Interstate Action Plans

Responsible Office: District Six

Job Number: 99090-7162-119

Work Program Item Number: 6590025 phase 10

Objectives

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

Proposed Activities for 1997-98

Corridor Studies:

Coordinate with department and MPO staff to identify appropriate candidate projects for major investment corridor studies and access management improvements.

Develop scopes of services, schedules, budget, funding sources and other administrative activities as necessary to initiate corridor studies. Provide guidance, data and technical assistance to consultants.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I</u> <u>Participating</u>	<u>Part III-A</u> <u>Non-Participating</u>
99090-71162	100,000	
Unassigned		17,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (12) - OTHER

Classification: Other

Subject: ISTE A Requirements

Responsible Office: District Six

Job Number: 99906-1646-010

Work Program Item Number: 6590031 phase 13

Objectives

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

Proposed Activities for 1997-98

Implementation of Management Systems:

- Congestion Management System
- Pavement Management System
- Traffic Monitoring System
- Intermodal Management System
- Public Transportation Facilities and Equipment Management System

Consultant assistance in performing data collection, analysis, systems support and development, and report preparation.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I</u> <u>Participating</u>	<u>Part III-A</u> <u>Non-Participating</u>
99906-1646		277,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (12) - OTHER

Classification: Other

Subject: 2020 Florida Transportation Plan

Responsible Office: District Six

Job Number: 99010-7063-119

Work Program Item Number: 6590042 phase 10

Objectives

Support statewide planning and public involvement programs.

Develop District continuing public involvement program.

Proposed Activities for 1997-98

Other:

Coordinate intergovernmental and public involvement mailings.

Coordinate staff review of FTP short range component and performance measures.

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99010-7063	110,000	
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (12) - OTHER

Classification: Other

Subject: Bicycle/Pedestrian

Responsible Office: District Six

Job Number: 99010-7064-119

Work Program Item Number: 6590053 phase 10

Objectives

Coordinate the district's bicycle and pedestrian program.

Proposed Activities for 1997-98

Local Government Support

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

Support to FDOT Project Managers

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

Transportation Enhancement Project Coordination

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

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99010-7064	-	40,000
Unassigned		10,000

OBJECTIVE E: STATE PLANNING PROGRAM

ITEM (12) - OTHER

Classification: Other

Subject: ISTEA Requirements

Responsible Office: District Six

Job Number: 99010-7066-119 Work Program Item Number: 6590055 phase 10

Objectives

Ensure that District Six planning procedures, policies and practices are consistent with Federal Law.

Proposed Activities for 1997-98

Provide all necessary data to consultant

Coordinate with local governments regarding intermodal systems, clean air requirements, congestion management, mobility, level of service and other related activities.

Project management activities, including:

- technical review of consultant's progress reports,
- invoice processing, and
- project budget management

ESTIMATED COSTS FOR 1997-98 ACTIVITIES

	<u>Part I Participating</u>	<u>Part III-A Non-Participating</u>
99010-7066		31,000
Unassigned		59,000

OBJECTIVE E: STATE PLANNING PROGRAM

TASK NUMBER AND TITLE:

5.02 **STATE SUPPORT TO MPO PLANNING PROGRAM**

OBJECTIVE:

This activity provides administrative and technical support, by the Florida Department of Transportation, of the MPO's annual program. As a partner in the Miami Urbanized Area transportation planning process, the Department devotes considerable effort in ensuring that the MPO remains certified as the area's transportation planning agency, that State and Federal grants are available and that quality technical products are produced.

PREVIOUS WORK:

This is a continuing activity that the Department performs each year in support of the MPO's planning program.

METHODOLOGY:

The work performed by the Department under this task is as follows:

1. Assist in the development of the UPWP and help ensure that the document meets Federal and State requirements.
2. Carry out administrative and fiscal duties in order to secure Federal and State funds for MPO projects, including: administration of the Department's Work Program, preparation of Joint Participation Agreements, progress report reviews and invoice processing.
3. Assist in TIP development and ensure coordination of the TIP with the Department's Work Program and the State TIP.
4. Assist in travel demand forecast modeling and long range plan development.
5. Assist in air quality forecast modeling and conformity determination of the TIP and long range plan.
6. Assist in the development and implementation of the Congestion Management System.
7. Support and assist the MPO's Bicycle/Pedestrian Program.
8. Participate as members of technical steering committees for various MPO projects.
9. Attend MPO committee meetings, Board meetings and MPOAC meetings.
10. Conduct the MPO Certification review in accordance with Federal and State requirements.
11. Coordinate Department plans, programs and procedures with the MPO, including: data collection, roadway level of service determination, the Florida Intrastate Highway System, Access Management, the Florida Transportation Plan, and others.

OBJECTIVE E: STATE PLANNING PROGRAM

END PRODUCTS:

Various end products are produced in conjunction with the MPO. In addition, the Department is responsible for producing executed Joint Participation Agreements, MPO Certification Statement, and Dade County Level of Service Map.

PROJECT MANAGER:

Jo Laurie Penrose

PARTICIPATING AGENCY:

Florida Department of Transportation

FUNDING:

To be provided

1997 UPWP TASK 5.02 (STATE SUPPORT TO MPO AND MATCH)

<i>WPI</i>	<i>CO/SEC</i>	<i>JOB</i>	<i>PH</i>	<i>FUNC</i>	<i>FUND</i>	<i>TITLE</i>	<i>MANAGER</i>	<i>CONSULTANT or RECIPIENT</i>
6592877			50		PL	MIAMI MPO - PL112 FEDERAL	PENROSE	MPO
			50		D	STATE MATCH		
			NA		LFF	LOCAL MATCH		
6592884	87098	3503	50		XU	MIAMI MPO - STP FUNDED TASKS	PENROSE	MPO
			50		D	STATE MATCH		
			NA		LFF	LOCAL MATCH		

FUNDING

1,068,000
 207,000 SOFT-MATCHED
 236,000

 406,000
 51,000
 51,000

OBJECTIVE E: STATE PLANNING PROGRAM

TASK NUMBER AND TITLE:

5.03 **MAJOR INVESTMENT STUDIES (MIS) and CORRIDOR STUDIES**

OBJECTIVE(S):

Meet Federal requirements of ISTEA contained in the Metropolitan Planning Regulations (23 CFR 450 Subpart C). The intent of the requirement is to provide the MPO, the State DOT, transit operators, and other local decisionmakers with more comprehensive corridor and/or subarea technical analysis early in the transportation decision making process. The MIS is a planning tool to inform the regional multimodal transportation planning effort with more in depth technical analyses of various subarea or corridor options.

PREVIOUS WORK:

6114094 (SR 836 MULTIMODAL CORRIDOR) - Draft EIS is near final stage and almost complete.

6114114 (Miami Intermodal Center) - Draft EIS is near final stage and almost complete.

6113791 (Krome Avenue Corridor Management Plan/Action Plan) - Will begin in June 1996 and be complete in 18 months.

SR 826 (Palmetto Expressway Master Plan/MIS) - East West Sector from Golden Glades to NW 154 Street started in March 1995 and will be completed in 18 months.

Kendall Corridor

METHODOLOGY:

The purpose of a MIS is to develop information about the likely impacts and consequences of alternative transportation investment strategies at the corridor or subarea level.

Prior to the completion of a study, the MPO's plan may identify an assumed designed concept and scope for a major investment.

PROJECT MANAGERS:

FDOT District Six Coordinator Randy Fox (305) 377-5895

PARTICIPATING AGENCIES:

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

OBJECTIVE E: STATE PLANNING PROGRAM

Metro-Dade Transit Agency - MDTA
Metro-Dade Public Works Department
Dade County Aviation Department
Dade County Seaport Department

FUNDING:

Major Investment Studies are eligible for funds authorized under Sections 8, 9 and 26 of the Federal Transit Act (49 U.S.C. app. 1607, 1607a, and 1622) and planning and capital funds apportioned under the 23 USC.

1997 UPWP TASK 5.03 (MAJOR INVESTMENT STUDIES)

1998 UPWP TASK 5.01 (STATE PLANNING AND RESEARCH (SPR) PROGRAM PLAN - SUMMARY TABLE)

<i>WPI</i>	<i>CO/SEC</i>	<i>JOB</i>	<i>PH</i>	<i>FUNC</i>	<i>FUND</i>	<i>TITLE</i>	<i>MANAGER</i>	<i>CONSULTANT or RECIPIENT</i>
6114094						SR 836 MULTIMODAL CORRIDOR	RIVERA	
6114114						MIC EIS	RIVERA	
6141901						INTERSTATE ROUTES MASTER PL	RIVERA	
0110272	99090	1627	10		366 D	SUNPIKE REVIEW	VANDERVALK	
6113791			13			KROME AV STUDY	FOX	

1997 WORK PROGRAM/NON-UPWP ITEMS (NON-SPR/NON-STATE SUPPORT/NON-MIS or CORRIDOR)

6590041	99906	1507	10		365 D	SURPLUSS PROPERTY	NOBEL	
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OBJECTIVE E: STATE PLANNING PROGRAM

TASK NUMBER AND TITLE:

5.04 MANAGEMENT SYSTEMS PROGRESS REPORT

INTRODUCTION:

The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), national transportation policy, increases the importance transportation planning and recommends that six management and a monitoring systems be developed to provide better information for decision making. Considering the role that management and monitoring systems should play in the transportation planning process, the following seven guiding principles have been adopted:

- 'Provide feedback into long-range policy planning
- 'Provide input into programming and budgeting decisions
- 'Support resource allocation decisions
- 'Link performance measures to decision support (information)
- 'Utilize existing information technologies and databases
- 'Integrate all systems
- 'Increase public input and awareness

MANAGEMENT SYSTEM DEFINITION:

"A *systematic* process designed to assist decision-makers in selecting cost-effective strategies/actions to improve the efficiency and safety of, and *protect investment* in, the nation's transportation infrastructure."

FOR MORE INFORMATION:

FDOT Statewide Management Systems Coordinator Melanie Carr (904) 488-8006

FDOT District Six M.S. Coordinator Albert Dominguez, P.E. (305) 377-5893

OBJECTIVE E: STATE PLANNING PROGRAM

SAFETY MANAGEMENT SYSTEM

PURPOSE:

To provide the safest roadway system possible through the combined efforts of engineering, enforcement, emergency services, and education.

POTENTIAL BENEFITS:

'Reduce number and severity of traffic crashes

'Reduce frequency and impact of litigation

'More effective use of highway resources by combining efforts to identify, analyze, and evaluate highway safety problems and develop solutions.

'Increase awareness of highway safety at the local level through community involvement programs.

'Improve analytical tools and develop enhanced decision support systems for all highway safety professionals.

FOR MORE INFORMATION:

FDOT Statewide Coordinator Ed Rice (904) 488-3546

District Six Safety Engineer Messler Gilchrist (305) 470-6735

OBJECTIVE E: STATE PLANNING PROGRAM

BRIDGE MANAGEMENT SYSTEM

PURPOSE:

To manage and preserve the statewide bridge network and provide safe and efficient transportation to the traveling public.

POTENTIAL BENEFITS:

Improve accuracy of bridge needs analysis, rehabilitation strategy, and cost estimating.

Increase knowledge of effectiveness of bridge rehabilitation strategies.

Support of bridge rehabilitation funding needs.

FOR MORE INFORMATION:

FDOT Statewide Coordinator Larry Davis (904) 488-8814

OBJECTIVE E: STATE PLANNING PROGRAM

PAVEMENT MANAGEMENT SYSTEM

PURPOSE:

To develop a process which systematically provides analyzes, and summarizes pavement information for use in selecting and implementing cost-effective pavement construction, rehabilitation and maintenance programs.

POTENTIAL BENEFIT:

To provide the public with safe, comfortable roads at the least cost.

FOR MORE INFORMATION:

FDOT Statewide Coordinator Bruce Dietrich (904) 487-3945

OBJECTIVE E: STATE PLANNING PROGRAM

INTERMODAL MANAGEMENT SYSTEM

PURPOSE:

To identify current connections between highway, aviation, transit, rail, water, and bicycle/pedestrian systems and to determine if deficiencies exist.

POTENTIAL BENEFITS:

\Better strategies for improving intermodal efficiency

\Better integration of all transportation modes.

FOR MORE INFORMATION:

FDOT Statewide Coordinator Rob Hebert (904) 488-5704

District Six Coordinator Jose Gonzalez (305) 377-5804

OBJECTIVE E: STATE PLANNING PROGRAM

CONGESTION MANAGEMENT SYSTEM

PURPOSE:

To improve the mobility of people and goods throughout the State.

POTENTIAL BENEFITS:

\A more efficient and cost effective multimodal transportation system.

\An improved planning and project selection process through the use of better information.

FOR MORE INFORMATION:

FDOT Statewide Coordinator (Congestion Management System/Mobility Management Process)
Doug McLeod (904) 487-0628

OBJECTIVE E: STATE PLANNING PROGRAM

PUBLIC TRANSPORTATION MANAGEMENT SYSTEM

PURPOSE:

To help ensure that transit vehicles, facilities, and equipment are maintained in a serviceable condition.

POTENTIAL BENEFIT:

Enable decision-makers to select cost-effective strategies for providing and maintaining transit assets in a serviceable condition.

FOR MORE INFORMATION:

FDOT Statewide Coordinator Tara Bartee (904) 488-7774

OBJECTIVE E: STATE PLANNING PROGRAM

TRAFFIC MONITORING SYSTEM/HIGHWAYS

PURPOSE:

To provide highway and traffic data and to support each of the six management systems.

POTENTIAL BENEFITS:

- 'Increase availability of accurate and reliable traffic data.
- 'Improve ability to track highway travel patterns and trends to assist in designing better roadways.
- 'Improve support for other management systems.
- 'Improve transportation decision-making overall

FOR MORE INFORMATION:

FDOT Statewide Coordinator Bruce Gordon (904) 488-4111

Appendices Tables



APPENDIX I

FY 1998 UNIFIED PLANNING WORK PROGRAM

FUNDING SOURCES (\$000)

I. FHWA FUNDS	FUNDING	SUBTOTALS
FHWA FY 98 - Regular PL Funds (81.93%)	934.8	
Local Match (18.07%)	206.2	1,141.0
Carry over FY 97 - Regular PL Funds (81.93%)	114.7	
Local Match (18.07%)	25.3	140.0
TOTAL:		1,281.0

II. STP FUNDS	FUNDING	SUBTOTALS
FY 98 Regular STP Funds (80%)	450.0	
State Match (10%)	56.3	
Local Match (10%)	56.3	562.5
TOTAL:		562.5

III. FTA SECTION 8 FUNDS	FUNDING	SUBTOTALS
Section 8 (Regular) (80%)	608.6	
State Match (10%)	76.1	
Local Match (10%)	76.1	760.8
TOTAL		760.8

IV. FTA SECTION 5307 FUNDS (Section 9)	FUNDING	SUBTOTALS
Project No. 2.10 Tri-Rail Coordination (80%)	160.0	
Soft Match (20%)	40.0	200.0
Other Section 9 Funds (80%, See Appendix II for Allocations)	957.2	
Transit Local Match (20%)	239.3	1,196.5
TOTAL		1,396.5

APPENDIX I

FY 1998 UNIFIED PLANNING WORK PROGRAM

FUNDING SOURCES (\$000)

V. OTHER/STATE FUNDS AND LOCAL MATCH	FUNDING	SUBTOTALS
Project No. 4.13: Municipal Grant Program (Municipal Match 20%)	37.5	37.5
Project No. 4.07: Transportation Disadvantaged Planning (100% State)	63.1	63.1
TOTAL		100.6

FY 1998 NEW FUNDING TOTAL	4,101.3
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VI. PREVIOUS YEARS FUNDING CONTINUED	FUNDING	SUBTOTALS
FY 97 STP Funds: Element Nos. 2.13, 3.09 and 4.14 (80%)	188.0	
State Match (10%)	23.5	
Local Match (10%)	23.5	235.0
FY 96 STP Funds: Element Number 2.04 (80%)	40.0	
State Match (10%)	5.0	
Local Match (10%)	5.0	50.0
FY 97 "D" Funds: Element Number: 3.08 (100%)	100.0	100.0
FY 97 Section 8 Funds: Element Nos. 1.01, 3.01, & 4.05 (80%)	80.0	
State Match (10%)	10.0	
Local Match (10%)	10.0	100.0
FY 96 Section 8 Funds: Element Nos. 1.02 and 2.04 (80%)	80.0	
State Match (10%)	10.0	
Local Match (10%)	10.0	100.0
FY 95 Section 8 Funds: Element Nos. 1.02 and 4.14 (80%)	96.0	
State Match (10%)	12.0	
Local Match (10%)	12.0	120.0
TOTAL		705.0

FY 1998 UPWP GRAND TOTAL	4,807
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PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	Sec.8 FY 97	Sec.8 FY 98	Sec.8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Total
1 01 Urban Travel Modeling and Forecasting	60	53				40							153
1 02 Long Range Trans. Plan Update	30	60					75	50	50				265
1 03 Trans /Land Use Coordination	100	92	24										216
1 04 Socio-Economic Database	70	65											135
TOTAL - OBJECTIVE A	280	270	24	0	0	40	75	50	50	0	0	0	789
OBJECTIVE B: Short Range Trans. System Planning and Development	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	Sec.8 FY 97	Sec.8 FY 98	Sec.8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Total
2 01 Short-Range Intermodal Planning	112	80	33										225
2 02 Short-Range Transit Planning			59										59
2 03 Highway Traffic Counting Program	50												50
2 04 Dev of an Integrated Trans Mgmt. Systems							25			50			75
2 05 Greenways and Trails Maintenance Authority				60									60
2 06 Cont Technical Support for TMA's	20			40									60
2 07 Transit Route-Level Monitoring			427										427
2 08 Transit Financial Capacity Assessment			21										21
2 09 Transit Reporting			105										105
2 10 Tr-Rail Coordination			200										200
2 11 Transit Ridership Forecasting			22										22
2 12 Congested Intersection Improvements	10								25				35
2 13 Private Sector/Public Trans. Service Study	54												54
2 14 Aesthetics & Urban Design in Trans. Planning	10			35									45
2 15 Specific Area Planning and Design for Mobility	40												40
2 16 NW/SW 1st Avenue Extension Project	25												25
2 17 Conduct Transit Market Research			72										72
TOTAL - OBJECTIVE B	321	80	937	135	0	0	25	0	25	50	0	0	1673

PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE C: Intermodal Transportation System	FHWA PL	FTA Sec. 8	FTA 6307	STP	TDC	Sec. 8 FY 97	Sec. 8 FY 98	Sec. 8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Total
3.01 A/Q Conformity Determination Assess	40	50				30							120
3.02 Downtown Miami Transportation Plan	10			50									60
3.03 Center for Urban Trans. Research Support			100										100
3.04 Comp Bicycle/Pedestrian Planning Programs		24		111									135
3.05 Improving Regional Trans Planning	25												25
3.06 Station Area Aesthetics, Design and Dev.	10			75									85
3.07 Vanpool Marketing Program									65				65
3.08 Historical Impacts of Trans Projects											100		100
3.09 Alternatives for Intermodal Improvements	55												55
3.10 Effects of Trans Projects on Minorities	5								30				35
TOTAL - OBJECTIVE C	145	74	100	238	0	30	0	0	95	0	100	0	780

PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE D: Transportation Planning Decision Making Process	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	Sec.8 FY 97	Sec.8 FY 98	Sec.8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Total
4 01 UPWP Administration	35	35											70
4 02 MPO Board Staff Support	100	32	100										232
4 03 UPWP Development	60												60
4 04 TIP Development	70	65	66										201
4 05 Citizen and Private Sector Involvement	55	70				30							155
4 06 Technical Committees Support	40	55											95
4 07 Trans Disadvantaged Planning					63								63
4 08 American with Disabilities Act (ADA) Planning			137										137
4 09 FTA Civil Rights Requirements		10	32										42
4 10 Legislative Assessments		10											10
4 11 MPO Program Support Services	105	60											165
4 12 ADA Required Infrastructure Improvements	10												10
4 13 Municipal Grant Program	10			150								37.5	198
4 14 Public Information Program	70			41.5				70	65				247
SUBTOTAL - OBJECTIVE D	555	337	335	192	63	30	0	70	65	0	0	38	1884

OBJECTIVE E: State Planning Program	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	Sec.8 FY 97	Sec.8 FY 98	Sec.8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Total
5 01 State Planning Project Summary													
5 02 State Support to the MPO Planning Program													
5 03 Major Investment (MIS) and Corridor Studies													
5 04 Management Systems Progress Report													
TOTAL - OBJECTIVE E	0	0	0	0	0	0	0	0	0	0	0	0	0

PROJECT FUNDING BY SOURCE	FHWA PL	FTA Sec.8	FTA 5307	STP	TDC	Sec.8 FY 97	Sec.8 FY 98	Sec.8 FY 95	STP FY 97	STP FY 98	"D" FY 97	Municipal Match	Grand Total
1998 UNIFIED PLANNING WORK PROGRAM	1,281	781	1,397	563	63	100	100	120	236	60	100	38	4,807

**APPENDIX III
FY 1998 UNIFIED PLANNING WORK PROGRAM**

PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE A: Long Range Trans. Planning System Preservation, Dev. & Enhancement	MPO	MDTA	PDR	DCPW	Consultant	Other	Total
1.01 Urban Travel Modeling and Forecasting	130	23					153
1.02 Long Range Trans. Plan Update	90				175		265
1.03 Trans./Land Use Coordination	95	61	40	20			216
1.04 Socio-Economic Database			135				135
TOTAL - OBJECTIVE A	315	84	175	20	175	0	769
OBJECTIVE B: Short Range Trans. System Planning and Development	MPO	MDTA	PDR	DCPW	Consultant	Other	Total
2.01 Short-Range Intermodal Planning	182	33		10			225
2.02 Short-Range Transit Planning		59					59
2.03 Highway Traffic Counting Program				50			50
2.04 Dev. of an Integrated Trans. Mgmt. Systems					75		75
2.05 Greenways and Trails Maintenance Authority					60		60
2.06 Cont. Technical Support for TMA's	20				40		60
2.07 Transit Route-Level Monitoring		427					427
2.08 Transit Financial Capacity Assessment		21					21
2.09 Transit Reporting		105					105
2.10 Tri-Rail Coordination						200	200
2.11 Transit Ridership Forecasting		22					22
2.12 Congested Intersection Improvements	10					25	35
2.13 Private Sector/Public Trans. Service Study	14					40	54
2.14 Aesthetics & Urban Design in Trans. Planning	10					35	45
2.15 Specific Area Planning and Design for Mobility			40				40
2.16 NW/SW 1st Avenue Extension Project						25	25
2.17 Conduct Transit Market Research		72					72
TOTAL - OBJECTIVE B	236	737	40	60	175	325	1573

APPENDIX III
FY 1998 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY SOURCE (\$000)

OBJECTIVE C: Intermodal Transportation System	MPO	MDTA	PDR	DCPW	Consultant	Other	Total
3.01 A/Q Conformity Determination Assess.	120						120
3.02 Downtown Miami Transportation Plan	10					50	60
3.03 Center for Urban Trans. Research Support		100					100
3.04 Comp. Bicycle/Pedestrian Planning Programs	135						135
3.05 Improving Regional Trans. Planning						25	25
3.06 Station Area Aesthetics, Design and Dev.	10		25		50		85
3.07 Vanpool Marketing Program					65		65
3.08 Historical Impacts of Trans. Projects					100		100
3.09 Alternatives for Intermodal Improvements	10				45		55
3.10 Effects of Trans. Projects on Minorities					35		35
TOTAL - OBJECTIVE C	285	100	25	0	295	75	780

OBJECTIVE D: Transportation Planning Decision Making Process	MPO	MDTA	PDR	DCPW	Consultant	Other	Total
4.01 UPWP Administration	70						70
4.02 MPO Board Staff Support	232						232
4.03 UPWP Development	60						60
4.04 TIP Development	100	81		20			201
4.05 Citizen and Private Sector Involvement	155						155
4.06 Technical Committees Support	95						95
4.07 Trans. Disadvantaged Planning	3	60					63
4.08 American with Disabilities Act (ADA) Planning		137					137
4.09 FTA Civil Rights Requirements		42					42
4.10 Legislative Assessments	10						10
4.11 MPO Program Support Services						165	165
4.12 ADA Required Infrastructure Improvements				10			10
4.13 Municipal Grant Program	10					188	198
4.14 Public Information Program	70				177		247
SUBTOTAL - OBJECTIVE D	805	320	0	30	177	363	1694

**APPENDIX III
 FY 1998 UNIFIED PLANNING WORK PROGRAM
 PROJECT FUNDING BY SOURCE (\$000)**

OBJECTIVE E: State Planning Program	MPO	MDTA	PDR	DCPW	Consultant	Other	Total
5.01 State Planning Project Summary							
5.02 State Support to the MPO Planning Program							
5.03 Major Investment (MIS) and Corridor Studies							
5.04 Management Systems Progress Report							
TOTAL - OBJECTIVE E	0	0	0	0	0	0	0

PROJECT FUNDING BY SOURCE	MPO	MDTA	PDR	DCPW	Consultant	Other	Grand Total
1998 UNIFIED PLANNING WORK PROGRAM	1641	1242	240	110	822	753	4807

APPENDIX IV
FY 1998 UNIFIED PLANNING WORK PROGRAM
PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)

OBJECTIVE A: Long Range Trans. Planning, Dev. and Enhancement	FTA					FHWA					STATE					LOCAL/OTHER					4/28/97											
	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	FTA Total	98 PL	98 STP	96 STP	97 STP	FHWA TOTAL	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	98 STP	96 STP	97 STP	State TOTAL	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	98 PL	98 STP	96 STP	97 STP	Other	Total	TOTAL
1.01 Urban Travel Modeling & Frstg	0	0	32	42.4	0	74.4	49.2	0	0	0	49.2	0	0	4	5.3	0	0	0	0	9.3	0	0	4	5.3	0	10.8	0	0	0	0	20.1	15.4
1.02 Long Range Trans. Plan Update	40	60	0	48	0	148	24.6	0	0	40	64.6	5	7.5	0	6	0	0	0	5	23.5	5	7.5	0	6	0	5.4	0	0	5	0	28.9	26.5
1.03 Trans./Land Use Coordination	0	0	0	73.6	19.4	93	81.9	0	0	0	81.9	0	0	0	9.2	0	0	0	0	9.2	0	0	0	9.2	4.8	18.1	0	0	0	0	32.1	21.6
1.04 Socio-Economic Database	0	0	0	52	0	52	57.4	0	0	0	57.4	0	0	0	6.5	0	0	0	0	6.5	0	0	0	6.5	0	12.6	0	0	0	0	19.1	13.5
TOTAL OBJECTIVE A	40	60	32	218	19.4	367	213	0	0	40	263	6	7.5	4	27	0.0	0	0	5	48.6	6	7.5	4	27	4.8	47	0	0	5	0	100	769
OBJECTIVE B: Short Range Trans. System Planning and Mgmt.	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	FTA Total	98 PL	98 STP	96 STP	97 STP	FHWA TOTAL	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	98 STP	96 STP	97 STP	State TOTAL	FY95 S.B.	FY96 S.B.	FY97 S.B.	FY98 S.B.	Sect. 5307	98 PL	98 STP	96 STP	97 STP	Other	Total	TOTAL
2.01 Short-Range Intermodal Planning	0	0	0	64	26.5	90.5	91.8	0	0	0	91.8	0	0	0	8	0	0	0	0	8	0	0	0	8	6.6	20.2	0	0	0	0	34.9	22.5
2.02 Short-Range Transit Planning	0	0	0	0	47.2	47.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.8	0	0	0	0	0	11.8	5.9
2.03 Highway Traffic Counting Program	0	0	0	0	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	9.0	0	0	0	0	9.0	5.0
2.04 Dev. of an Integrated Trans. Mgmt.	0	20	0	0	0	20	0	0	40	0	40	0	2.5	0	0	0	0	5	0	7.5	0	2.5	0	0	0	0	0	5	0	0	7.5	7.5
2.05 Greenways and Trails Maintenance	0	0	0	0	0	0	0	48	0	0	48	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	6	0	0	0	6	6.0
2.06 Cont. Technical Support for TMA's	0	0	0	0	0	0	16.4	32	0	0	48.4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	3.6	4	0	0	0	7.6	6.0
2.07 Transit Route-Level Monitoring	0	0	0	0	341	341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85.3	0	0	0	0	0	85.3	42.7
2.08 Transit Financial Capacity Assess.	0	0	0	0	16.4	16.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	4.1	0	0	0	0	0	4.1	2.1
2.09 Transit Reporting	0	0	0	0	83.9	83.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	21	10.5
2.10 Tri-Rail Coordination	0	0	0	0	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	20.0	
2.11 Transit Ridership Forecasting	0	0	0	0	17.3	17.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	4.3	0	0	0	0	0	4.3	2.2
2.12 Cong. Intersection Improvements	0	0	0	0	0	0	8.2	0	0	20	28.2	0	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	1.8	0	0	2.5	0	4.3	3.5
2.13 Private Sector/Public Trans. Service	0	0	0	0	0	0	44.2	0	0	0	44.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.8	0	0	0	0	9.8	5.0
2.14 Aesthetics & Urban Design in Trans.	0	0	0	0	0	0	8.2	28	0	0	36.2	0	0	0	0	0	3.5	0	0	3.5	0	0	0	0	0	1.8	3.5	0	0	0	5.3	4.5
2.15 Specific Area Planning and Design	0	0	0	0	0	0	32.8	0	0	0	32.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.2	0	0	0	0	7.2	4.0
2.16 NW/SW 1st Avenue Extension Project	0	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	4.5	0	0	0	0	4.5	2.5
2.17 Conduct Transit Market Research	0	0	0	0	57.3	57.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	14.3	0	0	0	0	0	14.3	7.2
TOTAL OBJECTIVE B	0	20	0	64	760	834	263	108	40	20	431	0	2.5	0	8	0	13.6	6	2.5	31.6	0	2.5	0	8	14.7	6.8	13.6	6	2.5	40	277	157.3

APPENDIX IV
FY 1998 UNIFIED PLANNING WORK PROGRAM
PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)

OBJECTIVE C: Intermodal Transportation System	FTA					FHWA					STATE					LOCAL/OTHER					4/28/97											
	FY95 S.B	FY96 S.B	FY97 S.B	FY98 S.B	Sect. 6307	FTA Total	95 PL	96 STP	96 STP	97 STP	FHWA TOTAL	FY95 S.B	FY96 S.B	FY97 S.B	FY98 S.B	Sect. 6307	95 STP	96 STP	97 STP	State TOTAL	FY95 S.B	FY96 S.B	FY97 S.B	FY98 S.B	Sect. 6307	95 PL	96 STP	96 STP	97 STP	Other	Total	TOTAL
3.01 A/Q Conformity Determination Assess	0	0	24	40	0	64	32.8	0	0	0	32.8	0	0	3	5	0	0	0	0	8	0	0	3	5	0	7.2	0	0	0	0	15.2	120
3.02 Downtown Miami Transportation Plan	0	0	0	0	0	0	8.2	40	0	0	48.2	0	0	0	0	0	5	0	0	5	0	0	0	0	0	18	5	0	0	0	6.81	66
3.03 Center for Urban Trans. Research	0	0	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20	100
3.04 Comp. Bicycle/Pedestrian Planning	0	0	0	19.2	0	19.2	0	88.8	0	0	88.8	0	0	0	2.4	0	11.1	0	0	13.5	0	0	0	2.4	0	0	11.1	0	0	0	13.5	135
3.05 Improving Regional Trans. Planning	0	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	0	4.5	25
3.06 Station Aesthetics, Design and Dev	0	0	0	0	0	0	8.2	60	0	0	68.2	0	0	0	0	0	7.5	0	0	7.5	0	0	0	0	0	18	7.5	0	0	0	9.3	85
3.07 Vanpool Marketing Program	0	0	0	0	0	0	0	0	0	52	52	0	0	0	0	0	0	0	6.5	6.5	0	0	0	0	0	0	0	0	6.5	0	6.5	65
3.08 Historical Impacts of Trans. Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100
3.09 All. for Intermodal Improvements	0	0	0	0	0	0	45.1	0	0	0	45.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.9	0	0	0	0	9.9	55
3.10 Effects of Trans. Projects	0	0	0	0	0	0	4.1	0	0	24	28.1	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0.9	0	0	3	0	3.9	35
TOTAL OBJECTIVE C	0	0	24	69.2	80	163	119	189	0	76	384	0	0	3	7.4	0	23.0	0	9.6	43.6	0	0	3	7.4	20	26.2	23.6	0	9.5	100	190	780

APPENDIX V

**PREVIOUS YEAR FY 1997 UNIFIED PLANNING WORK PROGRAM (With Deobligation in place)
PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)**

	FTA					FHWA					STATE								LOCAL								3/17/96				
	FY96 S.S.	FY96 S.S.	FY97 S.S.	Secl. 6307	FTA Total	97 PL	94 STP	96 STP	97 STP	FHWA TOTAL	FY96 S.S.	FY96 S.S.	FY97 S.S.	PL Soft Match	Secl. 6307	94 STP	96 STP	97 STP	State TOTAL	FY96 S.S.	FY96 S.S.	FY97 S.S.	Secl. 6307	97 PL	94 STP	96 STP	97 STP	Other Local	Total Local	TOTAL	
OBJECTIVE A: LONG RANGE TRANS. PLANNING SYSTEM PRESERVATION, DEV. ENHANCEMENT																															
1 01 URBAN TRAVEL MODELING AND FORECASTING	0	0	68	0	68	49.2	0	0	0	49.2	0	0	8.5	0	0	0	0	0	8.5	0	0	8.5	0	10.8	0	0	0	0	19.3	14.5	
1 02 LONG RANGE TRANSPORTATION PLAN UPDATE	0	0	40	0	40	0	0	0	0	40	0	0	5	0	0	0	0	5	10	0	0	5	0	0	0	5	0	10	10.0		
1 03 TRANSPORTATION/LAND USE COORDINATION	0	0	68	15.2	83.2	73.7	0	0	0	73.7	0	0	8.5	0	0	0	0	8.5	0	0	8.5	3.8	16.3	0	0	0	0	28.6	19.4		
1 04 SOCIO-ECONOMIC DATABASE	0	0	40	0	40	57.4	0	0	0	57.4	0	0	5	0	0	0	0	5	0	0	5	0	12.6	0	0	0	0	17.6	12.0		
TOTAL OBJECTIVE A	0	0	216	15.2	231	180	0	0	0	220	0	0	27	0	0	0	0	5	32	0	0	27	3.8	39.8	0	0	5	0	75.8	55.9	
OBJECTIVE B: SHORT RANGE TRANSPORTATION SYSTEM PLANNING AND MANAGEMENT																															
2 01 S-R INTERMODAL PLANNING ACTIVITIES	0	0	48	24.8	72.8	94.2	0	0	0	94.2	0	0	6	0	0	0	0	6	0	0	6	6.2	20.8	0	0	0	0	33	20.6		
2 02 SHORT-RANGE TRANSIT PLANNING	0	0	0	46.4	46.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.6	0	0	0	0	11.6	5.8			
2 03 HIGHWAY TRAFFIC COUNTING PROGRAM	0	0	0	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	9.04	0	0	0	0	9.04	5.0			
2 04 DEV. OF AN INT. TRANS. MGMT. PROCESS	0	0	0	0	0	0	120	0	120	0	0	0	0	0	15	0	15	0	15	0	0	0	0	15	0	0	15	15.0			
2 05 CONT. DEV. OF DADE COUNTY MOBILITY MGMT.	0	80	0	0	80	0	0	0	0	0	0	10	0	0	0	0	0	10	0	10	0	0	0	0	0	0	10	10.0			
2 06 IMPLEMENTATION OF TMA'S	0	0	0	0	0	24.6	0	0	0	24.6	0	0	0	0	0	0	0	0	0	0	0	5.42	0	0	0	0	5.42	3.0			
2 07 TRANSIT ROUTE-LEVEL MONITORING	0	0	0	414	414	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	0	0	0	0	104	51.8			
2 08 TRANSIT FINANCIAL CAPACITY ASSESSMENT	0	0	0	14.4	14.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.6	0	0	0	0	3.6	1.8			
2 09 TRANSIT REPORTING	0	0	0	76	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	9.5			
2 10 TRI-RAIL COORDINATION	0	0	0	158	158	0	0	0	0	0	0	0	0	39.5	0	0	0	39.5	0	0	0	0	0	0	0	0	0	19.8			
2 11 TRANSIT RIDERSHIP FORECASTING	0	0	0	15.2	15.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.8	0	0	0	0	3.8	1.9			
2 12 CONGESTED INTERSECTION IMPROVEMENTS	0	0	0	0	0	81.9	0	0	60	68.2	0	0	0	0	0	0	7.5	7.5	0	0	0	1.81	0	0	7.5	0	9.31	8.5			
2 13 PRIVATE SECTOR/PUBLIC TRANS. SERVICE	0	48	0	0	48	11.5	0	0	0	11.5	0	6	0	0	0	0	0	6	0	6	0	2.53	0	0	0	0	8.53	7.4			
2 14 TRANSIT HEADWAY POLICY	0	0	20	0	20	0	0	0	0	0	0	0	2.5	0	0	0	0	2.5	0	0	2.5	0	0	0	0	0	2.5	2.5			
2 15 SPECIFIC AREA PLANNING AND DESIGN	0	0	16	0	16	41	0	0	0	41	0	0	2	0	0	0	0	2	0	0	2	9.04	0	0	0	0	11	7.0			
2 16 NW/SW 1st AVENUE EXTENSION PROJECT	0	0	0	0	0	36.9	0	0	0	36.9	0	0	0	0	0	0	0	0	0	0	0	8.13	0	0	0	0	8.13	4.5			
2 17 TRANSIT MARKET RESEARCH	0	0	0	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	6.5			
2 18 REGIONAL TRANSIT AUTHORITY STUDY	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 B	0	128	84	801	1013	257	0	120	60	497	0	16	10.6	0	39.5	0	16	7.5	88.6	0	16	10.6	181	68.7	0	15	7.5	0	287	180.6	

APPENDIX V
PREVIOUS YEAR FY 1997 UNIFIED PLANNING WORK PROGRAM (With Deobligation in place)
PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)

OBJECTIVE C: INTERMODAL TRANSPORTATION SYSTEM	FTA					FHWA					STATE								LOCAL						TOTAL					
	FY95 S.S.	FY96 S.S.	FY97 S.S.	Secl 5307	FTA Total	97 PL	94 STP	96 STP	97 STP	FHWA TOTAL	FY95 S.S.	FY96 S.S.	FY97 S.S.	PL Soft Match	Secl 5307	94 STP	96 STP	97 STP	State TOTAL	FY95 S.S.	FY96 S.S.	FY97 S.S.	Secl 5307	97 PL		94 STP	96 STP	97 STP	Other Local	Total Local
3.01 A/Q CONFORMITY DETERMINATION ASSESS.	0	0	32	0	32	32.8	0	0	0	32.8	0	0	4	0	0	0	0	0	4	0	0	4	0	7.23	0	0	0	0	11.2	80
3.02 INTERACTIVE PUBLIC INV TRANS SYSTEMS	0	0	0	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	9.04	0	0	0	0	9.04	50
3.03 CENTER URBAN TRANS RES SUPPORT	0	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	20	100	
3.04 COMP BICYCLE/PEDESTRIAN PLANNING	0	0	20	0	20	22.9	0	0	58.4	81.3	0	0	2.5	0	0	0	0	7.3	9.8	0	0	2.5	0	5.06	0	0	7.3	0	14.9	126
3.05 REGIONAL COUNCIL TRANS. PLANNING	0	0	0	0	0	20.5	0	0	0	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.52	0	0	0	0	4.52	25
3.06 DEV OF A SUPERARTERIAL ROADWAY NET	0	0	0	0	0	8.19	0	72	0	80.2	0	0	0	0	0	0	9	0	9	0	0	0	0	1.81	0	9	0	0	10.8	100
3.07 VANPOOL MARKETING PROGRAM	0	0	0	0	0	8.19	0	0	52	60.2	0	0	0	0	0	0	0	6.5	6.5	0	0	0	0	1.81	0	0	6.5	0	8.31	75
3.08 NORTH DADE GREENWAYS PLAN	0	0	0	0	0	0	80	0	0	80	0	0	0	0	0	10	0	0	10	0	0	0	0	0	10	0	0	0	10	100
3.09 ALT INTERMODAL IMPROVE IN DADE	0	32	0	0	32	8.6	0	0	0	8.6	0	4	0	0	0	0	0	0	4	0	4	0	0	1.9	0	0	0	0	5.9	50.5
3.10 SOUTH BEACH ELECTRIC SHUTTLE STUDY	0	0	0	0	0	61.4	0	0	0	61.4	0	0	0	0	0	0	0	0	0	0	0	0	0	13.6	0	0	0	0	13.6	75
3.11 EFFECTS OF TRANSPORTATION PROJECTS*	0	0	0	0	0	4.1	0	0	24	28.1	0	0	0	0	0	0	0	3	10.3	0	0	0	0	0.9	0	0	3	0	3.9	1.35
TOTAL OBJECTIVE C	0	32	62	80	184	208	80	72	134	494	0	4	6.5	0	0	10	9	16.8	146	0	4	6.5	10	46.8	10	9	16.8	10	112	917

* \$100,000 are in "D" Funds

APPENDIX V
PREVIOUS YEAR FY 1997 UNIFIED PLANNING WORK PROGRAM (With Deobligation in place)
PROJECT FEDERAL FUNDING AND STATE AND LOCAL MATCHING (\$000)

OBJECTIVE D: TRANSPORTATION PLANNING DECISION-MAKING AND FUNDING	FTA				FHWA				STATE								LOCAL						TOTAL							
	FY96 S.S.	FY98 S.S.	FY97 S.S.	Sect. 6307	FTA Total	97 PL	94 STP	96 STP	97 STP	FHWA TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.	PL Soft Match	Sect. 6307	94 STP	96 STP	97 STP	State TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.		Sect. 6307	97 PL	94 STP	96 STP	97 STP	Other Local	Total Local
4 01 UPWP ADMINISTRATION	0	0	28	0	28	28.7	0	0	0	28.7	0	0	3.5	0	0	0	0	0	3.5	0	0	3.5	0	6.32	0	0	0	0	9.82	7.0
4 02 MPO BOARD STAFF SUPPORT	0	0	29.6	80	110	63.1	0	0	0	63.1	0	0	3.7	0	0	0	0	0	3.7	0	0	3.7	20	13.9	0	0	0	0	37.6	21.4
4 03 UPWP DEVELOPMENT	0	0	0	0	0	49.2	0	0	0	49.2	0	0	0	0	0	0	0	0	0	0	0	0	0	10.8	0	0	0	0	10.8	6.0
4 04 TIP DEVELOPMENT	0	0	40	38.4	78.4	57.4	0	0	0	57.4	0	0	5	0	0	0	0	0	5	0	0	5	9.6	12.6	0	0	0	0	27.2	16.8
4 05 CITIZEN & PRIVATE SECTOR INVOLVEMENT	0	0	48	0	48	49.2	0	0	0	49.2	0	0	6	0	0	0	0	0	6	0	0	6	0	10.8	0	0	0	0	16.8	1.20
4 06 TECHNICAL COMMITTEES SUPPORT	0	0	44	0	44	28.7	0	0	0	28.7	0	0	5.5	0	0	0	0	0	5.5	0	0	5.5	0	6.32	0	0	0	0	11.8	9.0
4 07 TRANS DISADVANTAGED PLANNING	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	63.1	63.1	6.3
4 08 ADA PLANNING FOR COMPLIANCE	0	0	0	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	14	7.0
4 09 FTA CIVIL RIGHTS REQUIREMENTS	0	0	8	14.4	22.4	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	3.6	0	0	0	0	0	4.6	2.8
4 10 LEGISLATIVE ASSESSMENT	0	0	8	0	8	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1.0
4 11 MPO PROGRAM SUPPORT SERVICES (\$27,000 of PL funds to be used for MPO network)	0	0	44	0	44	81.9	0	0	0	81.9	0	0	5.5	0	0	0	0	0	5.5	0	0	5.5	0	18.1	0	0	0	0	23.6	15.5
4 12 ADA INFRASTRUCTURE IMPROVE PLANNING	0	0	0	0	0	8.19	0	0	0	8.19	0	0	0	0	0	0	0	0	0	0	0	0	0	1.81	0	0	0	0	1.81	1.0
4 13 MUNICIPAL GRANT PROGRAM	0	0	0	0	0	64.3	0	0	120	184	0	0	0	0	0	0	0	15	15	0	0	0	0	14.2	0	0	15	54.6	83.8	26.3
4 14 PUBLIC INFORMATION PROGRAM	58.4	0	0	0	58.4	0	0	0	52	52	7.3	0	0	0	0	0	0	6.5	13.8	7.3	0	0	0	0	0	0	6.5	0	13.8	1.38
TOTAL OBJECTIVE D	58	0	250	189	497	431	0	0	172	603	7	0	31	0	0	0	0	22	60	7	0	31	47	95	0	0	22	118	320	147.9
OBJECTIVE E: STATE PLANNING PROGRAM	FY96 S.S.	FY98 S.S.	FY97 S.S.	Sect. 6307	FTA Total	97 PL	94 STP	96 STP	97 STP	FHWA TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.	PL Soft Match	Sect. 6307	94 STP	96 STP	97 STP	State TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.	Sect. 6307	97 PL	94 STP	96 STP	97 STP	Other Local	Total Local	TOTAL
5 01 STATE PLANNING PROJECT 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
5 02 STATE SUPPORT TO THE MPO PROGRAM	0	0	0	0	0	0	0	0	0	0	0	0	0	207	0	0	0	0	207	0	0	0	0	0	0	0	0	0	0	207
5 03 MAJOR INVESTMENT STUDIES (MIS)	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
5 04 MANAGEMENT SYSTEMS PROGRESS REPORT	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	207	0	0	0	0	207	0	0	0	0	0	0	0	0	0	0	207
FUNDING BY AGENCY ALLOCATION	FY96 S.S.	FY98 S.S.	FY97 S.S.	Sect. 6307	FTA Total	97 PL	94 STP	96 STP	97 STP	FHWA TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.	PL Soft Match	Sect. 6307	94 STP	96 STP	97 STP	State TOTAL	FY96 S.S.	FY98 S.S.	FY97 S.S.	Sect. 6307	97 PL	94 STP	96 STP	97 STP	Other Local	Total Local	TOTAL
GRAND TOTAL	58	180	602	1085	1906	1076	80	192	406	1754	7	20	75	207	40	10	24	61	634	7	20	75	222	237	10	24	51	128	774	4,968
1997 UNIFIED PLANNING WORK PROGRAM	58	180	602	1085	1906	1076	80	192	406	1754	7	20	75	207	40	10	24	61	634	7	20	75	222	237	10	24	51	128	774	4,968

TABLE 1

ISTEA 16 FACTORS

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

TABLE 1

FY 1998 UNIFIED PLANNING WORK PROGRAM

Cross Reference of Work Tasks with ISTE A Planning Factors

Task #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.01	█		█	█		█	█	█		█			█			
1.02	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
1.03	█	█		█		█				█			█			
1.04													█			
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	█	█	█	█		█	█	█	█	█	█		█	█		
3.10		█		█						█						
4.01		█			█											
4.02		█		█	█											
4.03	█	█			█											
4.04	█				█	█			█	█		█			█	
4.05													█			
4.06		█														
4.07		█														
4.08		█														
4.09		█														
4.10		█														
4.11																
4.12		█														
4.13	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
4.14		█			█											

TABLE 2 DESCRIPTIONS

FY 1998 UNIFIED PLANNING WORK PROGRAM

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

1. *METROPOLITAN PLAN AND PLAN UPDATES*
2. *CLEAN AIR PLANNING/ALTERNATIVE FUELS*
3. *LONG RANGE FINANCIAL PLANNING*
4. *PUBLIC PARTICIPATION/INNOVATIVE TECHNIQUES*
5. *LIVABLE COMMUNITIES/URBAN DESIGN*
6. *AMERICANS WITH DISABILITIES ACT IMPLEMENTATION*
7. *MAJOR INVESTMENT STUDIES*
8. *STATEWIDE TRANSPORTATION PLAN*
9. *STATEWIDE TRANSPORTATION IMPROVEMENTS PLANNING*

TABLE 2

FY 1998 UNIFIED PLANNING WORK PROGRAM

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

Number	1	2	3	4	5	6	7	8	9
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				■					
3.10				■	■				
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				■					

NOTES

