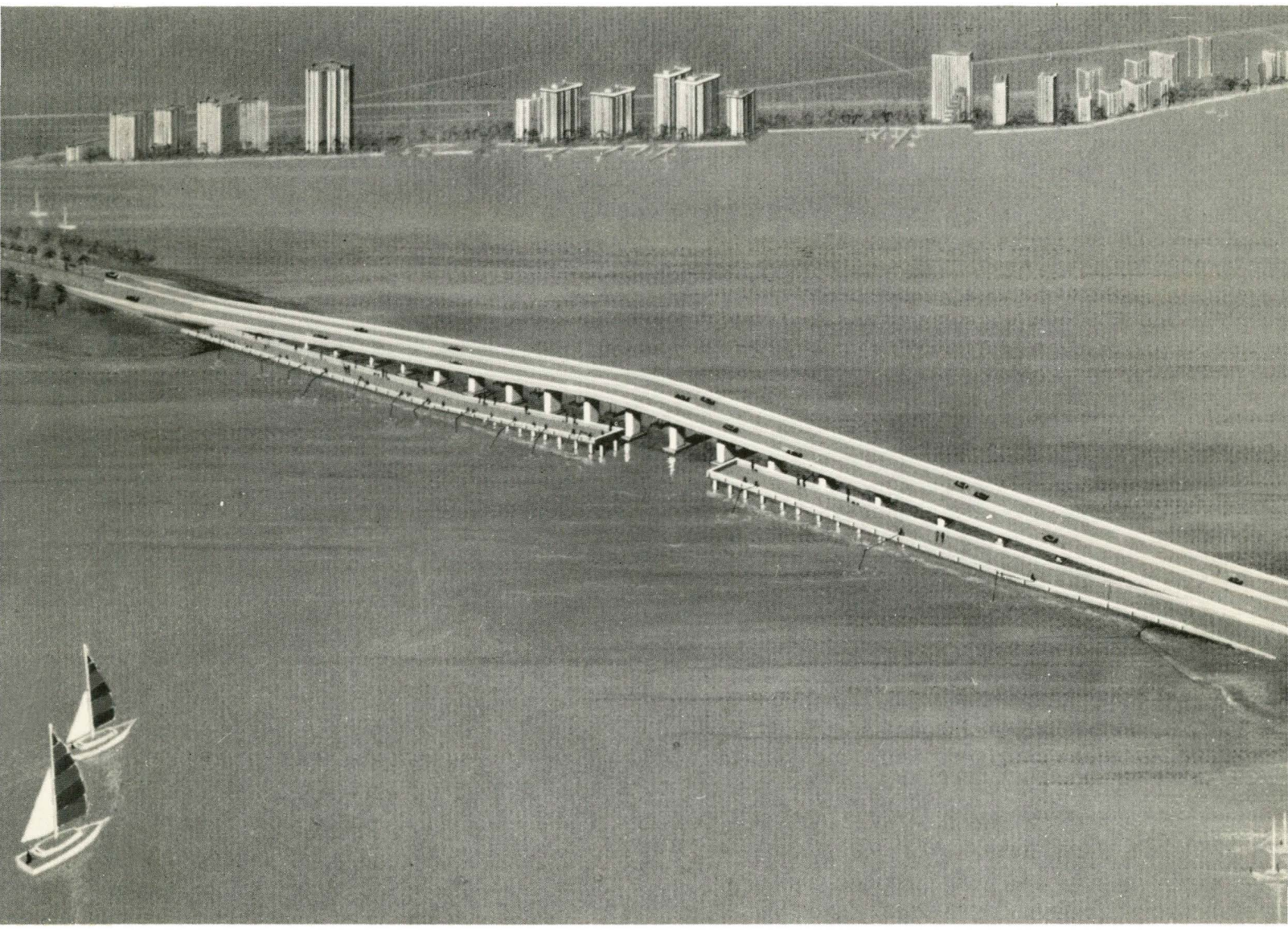
Unified Planning Work Program

Fiscal Year 1987



Metropolitan Planning Organization for the Miami Urbanized Area

METRO-DADE

FRONT COVER:
William M. Powell Bridge, Dade County, Florida.
Bridge dedicated January 6, 1986 to the former
Director of the Metro-Dade County Public Works
Department.

William M. Powell
Tenure of Service to Dade County
9/1/47 - 1/31/86

FY 1987 UNIFIED PLANNING WORK PROGRAM FOR TRANSPORTATION PLANNING

FINAL DRAFT
(REVISED)

JUNE, 1986

PREPARATION OF THIS REPORT HAS BEEN FINANCED IN PART THROUGH GRANTS FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, AND URBAN MASS TRANSPORTATION ADMINISTRATION.

ANYONE DESIRING FURTHER INFORMATION ON ITS CONTENTS SHOULD CONTACT MR. JOSE-LUIS MESA AT THE FOLLOWING ADDRESS:

MPO SECRETARIAT
METRO-DADE CENTER
111 N.W. 1ST STREET, SUITE 900
MIAMI, FLORIDA 33128

EXECUTIVE SUMMARY

The 1987 Unified Planning Work Program (UPWP) describes transportation planning activities to be completed by staff of the Metropolitan Planning Organization (MPO) during the fiscal period beginning on July 1st, 1986. The document presents a transportation planning program that will provide the necessary information to further specify or modify transportation improvement projects currently approved for the metropolitan area. As it is the case for every annual program, the work is to be undertaken in a cooperative manner between the various participating Metro-Dade County agencies and the Florida Department of Transportation, under the policy direction of the MPO Governing Board.

Formal technical guidance is provided by the Transportation Planning Council (TPC) of the MPO and the various technical TPC special committees. Citizen participation occurs through the structure of the Citizen Transportation Advisory Committee (CTAC). Representation on the CTAC includes representatives of the private passenger transportation industry. Public input is also obtained at the annual public meeting held by the MPO Board for the purpose of program approval.

The projects contained in the 1987 UPWP directly address the objectives defined by the program development committee and approved by the Transportation Planning Council. These objectives are in turn based on the policies defined in the approved urban area Transportation Plan and in the Metro-Dade Comprehensive Development Master Plan. While some projects specified for the 1987 UPWP are aimed at completing required work activities, important efforts are also defined for other program priority areas. As an example, special attention is being given to transportation planning activities that address issues raised by the 1985 State Growth Management Act. Also included are efforts to implement a greater private sector participation in he delivery of public transportation services and which particularly upport the implementation of the Private Enterprise Participation (PEP) oject. The latter project, to be implemented over a three year period, is signed to test and evaluate the policy and operational feasibility of ing private sector operators to improve the County's bus system. A new ject this year stresses activities related to the planning of Tri-County nsportation services in Southeast Florida involving the neighboring ities of Palm Beach and Broward. Other projects in the program that do directly address requirements or special emphasis areas relate to nical activities that are being continued during fiscal 1987. Of ary significance is the work supporting the implementation of Network a major effort aimed at streamlining and realigning the bus network of ounty and to fully integrate it with METRORAIL and METROMOVER and with ing privately provided public transportation. Finally, it is noted consideration of environmentally-related transportation project impacts be conducted as a part of regular project planning and development ties. Therefore no specific work elements have been defined for this em.

METROPOLITAN PLANNING ORGANIZATION
FOR THE MIAMI URBANIZED AREA
1987 UNIFIED PLANNING WORK PROGRAM

TABLE OF CONTENTS

			PAGE
EXECUTIVE SUMMARY			i
PROGRAM OBJECTIVES			iv
PROJECT DESCRIPTIONS			
PROJECT NO.		COST	
OBJECTIVE A: PLANNING REQUIREMENTS			
1.01	UPWP Administration	$ 57,000	1-1
1.02	MPO Board and Committee Support	75,000	1-4
1.03	UPWP Development	36,000	1-6
1.04	Citizen Involvement	15,000	1-8
1.05	Socio-Economic Monitoring	90,000	1-10
1.06	Highway Surveillance	25,000	1-12
1.07	Transit Monitoring	80,000	1-14
1.08	Long-Range Transportation Plan	81,000	1-16
1.09	TIP Preparation	33,000	1-18
1.10	Update Civil Rights Report	11,000	1-20
1.11	Transportation Disadvantaged Planning	29,000	1-21
1.12	Review of Transportation Plans Project Proposals, and Policies	30,000	1-23
		$562,000	
OBJECTIVE B: IMPROVEMENT PRIORITIES			
2.01	Legislative Assessments	$ 12,000	2-1
2.02	Short-Range Transportation Plan	53,000	2-3
2.03	Update Transit Development Plan	52,000	2-5
2.04	Transit Financing Plan Study	320,000	2-7
2.05	Transit System Evaluation	45,000	2-9
2.06	Market Research Plan	29,000	2-11
		$511,000	
OBJECTIVE C: TRANSPORTATION INTEGRATION			
3.01	Community Information Support Refinement	$ 25,000	3-1
3.02	Comprehensive Bicycle Planning and Coordination	25,000	3-3
3.03	Intermodal Transportation Planning	25,000	3-5
		$ 75,000	
OBJECTIVE D: TRANSPORTATION CORRIDOR IMPROVEMENTS			
4.01	Urban Design Study	$ 36,000	4-1
4.02	Airport Area Transportation Study	180,000	4-3
4.03	Preferential Transit Treatments	450,000	4-6
4.04	Tri-County Transportation	10,000	4-9
4.05	Neighborhood Transportation Studies	46,000	4-11
		$722,000	

OBJECTIVE E: DEVELOPMENT IMPACTS

5.01	Development Impact Assessments and DRI-DIC Traffic Analysis.....	$ 60,000	5-1
		$ 60,000	

OBJECTIVE F: PUBLIC/PRIVATE TRANSPORTATION COORDINATION

6.01	Privatization Planning/Policy Development.....	$ 56,000	6-1
6.02	Paratransit Planning.....	30,000	6-3
		$ 86,000	

TOTAL PROGRAM FUNDING..... $2,016,000

APPENDIX I AVAILABLE AND REQUESTED FUNDING..... 7-1

APPENDIX II PROJECT FUNDING BY SOURCE..... 7-2

APPENDIX III LOCAL AGENCY PARTICIPATION..... 7-4

APPENDIX IV PROJECT FUNDING BY AGENCY ALLOCATIONS..... 7-6

APPENDIX V ALLOCATION OF PROGRAM FUNDS BY OBJECTIVES..... 7-11

UNIFIED PLANNING WORK PROGRAM
FISCAL YEAR 1987

PROGRAM OBJECTIVES

OBJECTIVE A: PLANNING REQUIREMENTS

Maintain the flow of federal and state transportation improvement funds by providing required coordination and planning products.

OBJECTIVE B: IMPROVEMENT PRIORITIES

Provide the underlying rationale and coordination needed for decisions establishing a set of cost-effective transportation improvement priorities, including decisions related to the needs of the Transportation Disadvantaged.

OBJECTIVE C: TRANSPORTATION INTEGRATION

Facilitate the effective implementation of an integrated multi-modal transportation system.

OBJECTIVE D: TRANSPORTATION CORRIDOR IMPROVEMENTS

Provide the necessary basis for decisions on specific project improvements in vital transportation corridors and neighborhoods.

OBJECTIVE E: DEVELOPMENT IMPACTS

Develop information and policies concerning the relationship between transportation and urban development that address state requirements for growth management and insure consistency among local, regional and state plans.

OBJECTIVE F: PUBLIC / PRIVATE TRANSPORTATION COORDINATION

Develop information and perform analyses required to coordinate public and private transportation resources.

OBJECTIVE A: PLANNING REQUIREMENTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.01 UPWP Administration

OBJECTIVE:

Effectively administer funds supporting the Unified Planning Work Program.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Administer the Work Order System.

    a. Working with the cognizant Project Managers and division/department heads, prepare draft Work Order Requests and process as necessary to validate charge accounts and financial procedures.

    b. Review Work Order Requests to insure consistency with the approved UPWP and grant budgets.

    c. Obtain concurrence of the Finance Divisions involved.

    d. Issue Work Orders.

    e. Review and process requests for Work Order Revisions, as appropriate.

    f. Revise Work Orders in accordance with approved grant budgets and the procedures approved by the TPC and MPO Board. Issue revised Work Orders.

2. Administer grants supporting the UPWP.

    a. Prepare work scope(s) for planning grants and process grant applications and awards as necessary.

b. Prepare grant revision requests in response to UPWP Revisions and other budget adjustments approved by the TPC/MPO Board.

c. Review the status of grants with funding agencies on a periodic basis.

3. Prepare progress reports.

a. Prepare monthly fiscal reports describing the status of Work Orders, budget authorizations, estimated expenditures, and requested Work Order revisions.

b. Request deliverables from Project Managers as they become due and summarize and prepare for submission to funding agencies.

c. Prepare Quarterly Progress Reports. Submit to the TPC and funding agencies.

4. Process Reimbursement Requests from participants.

a. Review Reimbursement Requests for consistency with the UPWP, Work Orders, and supporting grants as they are submitted.

b. Assist the Financial Division of MDTA in processing payments.

5. Process reimbursement requests to funding agencies.

a. Review requests and backup fiscal information prepared by the Financial Division.

b. Transmit requests to funding agencies.

6. Close-out grants.

a. Initiate close-out proceedings.

b. Prepare and transmit final budgets and other supporting fiscal information.

c. Prepare and transmit Project Completion Reports.

d. Facilitate the performance of audits, as necessary.

END PRODUCTS:

1. Work Order Requests.

2. Work Orders.

3. Grant Revision Requests.

4. Monthly Fiscal Reports.

5. Quarterly Progress Reports.

6. Reimbursement Requests.

7. Project Completion Reports.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$ 57,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.02 MPO Board and Committee Support

OBJECTIVE:

Insure active involvement in critical transportation issues by the Transportation Planning Council, various MPO committees, and the MPO Board.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Provide staff support for the MPO Board.
    a. Organize meetings. Prepare agendas and various back-up materials.
    b. Prepare and process MPO Board resolutions.
    c. Prepare minutes and follow-up on various directives.
    d. Respond to concerns of MPO Board members.
2. Provide staff support for the Transportation Planning Council.
    a. Organize meetings. Prepare agendas and various backup materials.
    b. Prepare draft TPC resolutions.
    c. Prepare minutes and follow-up on directives.
    d. Respond to day-to-day concerns of TPC members.
3. Provide staff support for MPO Committees and Task Forces.
    a. Support the Intergovernmental Policy Council.

b. Support the Citizens Transportation Advisory Committee in technical and review matters.

c. Support the Bicycling Advisory Committee (BAC) of the MPO through the activities of the Bicycle Coordinator.

d. Support various task forces such as the S.W. 120th Street Turnpike Interchange Task Force and the Tri-County Regional Organization. Serve on the Dade County Developmental Impact Committee.

e. Organize and support staff working groups and task forces addressing issues as they emerge.

f. Respond to planning program-related citizen requests.

END PRODUCTS:

1. TPC agendas and back-up materials.

2. TPC minutes.

3. MPO agendas and back-up materials.

4. MPO minutes.

5. Minutes of various task forces and staff working groups, as appropriate.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$75,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.03 UPWP Development

OBJECTIVE:

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

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Monitor the current year (FY 1987) planning activities.

   a. Assess the effectiveness of the current (FY 1987) planning program to meaningfully resolve issues on a quarterly basis as a minimum.

   b. Propose UPWP revisions, as appropriate, to respond to changing conditions. Convene the UPWP Committee to review proposed revisions. Present revisions to the TPC, the MPO Board, and funding agencies.

2. Prepare the FY 1988 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 phases of the development of the program and as 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 1988 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. Solicit comments from the Citizens Transportation Advisory Committee (CTAC) and other key private and civic organizations.

g. Working with the UPWP Committee, revise the draft program in response to comments submitted by all parties, the status of FY 1987 activities, and revised funding estimates.

h. 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 a work scope for planning grants.

END PRODUCTS:

1. Revisions to the FY 1987 UPWP.

2. Update of the issue list and program objectives to be considered in preparing the FY 1988 UPWP.

3. Review Draft of the FY 1988 UPWP.

4. Final Draft of the FY 1988 UPWP.

5. Memos transmitting the UPWP document.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$ 36,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.04 Citizen Involvement

OBJECTIVE:

Provide the public with information regarding transportation needs and proposals for meeting these needs. Insure input into the transportation decision-making process before plans and programs are approved.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Provide Secretariat support to the Citizens Transportation Advisory Committee (CTAC) and its subcommittees.

2. Provide community relations support 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.

END PRODUCTS:

1. CTAC agendas and back-up materials.

2. Minutes of hearings and public meetings.

3. Memos and resolutions documenting citizen input on various planning proposals.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$15,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Program Description

WORK ELEMENT:

1.05 Socio-Economic Monitoring

OBJECTIVE:

Provide current information as well as time series data on population, housing, employment and other data variables used in travel demand models and for special studies as required for transportation system planning.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Supplement new 1985 T.A.Z. base your database for intercensal year with updated land use information and add new variables which quantify residential population age structure. This population-by-age break-down will be useful for projecting primary and secondary school age population, as well as more clearly delineating traffic zones with substantial work force or aged residents. Additionally, several employment variables will be also developed in order to establish a database which conforms more closely to the standard Model used throughout Florida.

2. Supplement the existing Metro-Rail Alignment Real Property File (developed in the previous FY) by developing a countywide, T.A.Z. geo-coded Real Property File. This file when used in conjunction with the special file developed for areas adjacent to the Metro-Rail alignment will allow data to be developed for any proposed transportation improvement countywide.

3. Complete an updated projection series of all standard socio-economic variables for the base years 1990, and 2005. This project was initiated in the previous FY, but was delayed due to unavailability of data and assignment of several unexpected high priority projects.

4. Respond to ad hoc requests from MDTA, as well as other transportation agencies, for special area study estimates and projections of socio-economic characteristics.

5. Maintain and verify ZIP Plus 4 Address Reference File (MARS) as primary method of address geo-coding to Census Tract and Traffic Zone geography for Dade County (Traffic Zone equivalence was developed in the previous FY). The ZIP Plus 4 File is the only available means of geo-coding raw data files such as the ES202 and State Motor Vehicle Registration Files which are the source data for the employment and vehicles available MUATS variables respectively. Traffic Zone and Census Tract geo-codes must be added to the MARS system for newly developed areas and Tract and Zone geo-codes verified as well as address ranges checked and maintained. Additionally, maintain currency of DIME maps by drafting changes in highways, streets and land forms onto reproducible mylars.

END PRODUCTS

1. New variables of population-by-age breakdown incorporated in our MUATS database by the second quarter of FY 1987, supplemental employment variables incorporating into database by mid-year.

2. A countywide, geo-coded Real Property File by the end of the fourth quarter of FY 1987.

3. Zonal projection series for (1990 & 2005) for all standard variables as well as all newly developed variables by the first quarter of FY 1987.

4. Current ZIP Plus 4 File suitable for admatching raw address data files to T.A.Z. geography, and current DIME maps - an on-going effort for FY 1987.

PROJECT MANAGER:

Charles Blowers

PARTICIPATING AGENCY:

Dade County Planning Department

FUNDING:

$90,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.06 Highway Surveillance

OBJECTIVE:

Provide current information on the usage and performance of the highway system as required for transportation systems planning.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Collect quarterly traffic counts at selected sites along county highways.
2. Map county and state traffic volume information on traffic flow map.
3. Correlate the highway count information with transit county information.
4. Develop and apply a methodology for converting annual traffic volume information into a standard highway segment format.
5. Analyze traffic count data in the segment format.
6. Develop flow charts for computerizing the traffic count process.
7. Develop proposals for upgrading the traffic counting program.
8. Purchase traffic counters as required to conduct the data surveillance activities.

END PRODUCTS:

1. Individual traffic count records.
2. Traffic volume flow map.
3. Highway segment information base.

4. Technical memoranda proposing improvement to the counting program.

PROJECT MANAGER:

Donald D. Brammer

PARTICIPATING AGENCY:

Dade County Public Works Department

FUNDING:

$25,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.07 Transit Monitoring

OBJECTIVE:

Provide a uniform, relevant, and up-to-date information base for:

1. Evaluating the relative costs, benefits, and overall performance of transit services;
2. Updating short-range and mid-range transportation plans,
3. Forecasting transit patronage/revenues,
4. Estimating development impacts, and
5. Developing transit operational budget projections.

PREVIOUS WORK:

This is a continuing activity. A comprehensive Surveillance Manual defining specific data to be maintained and procedure was developed in FY 1986, and a full transportation database program was established.

METHODOLOGY:

Information on a relatively large sample of transit trips are regularly collected throughout the year according to techniques established in the Systematic Data Collections Procedures. The specific data items collected are coded and processed to produce Management Executive Summary and Technical Reports. The contents of the technical reports are used in the analysis and evaluations of services and identifications of substandard services required evaluation.

1. Select a sample of transit trips in accordance with established sampling plan.
2. Assemble daily Metrorail ridership. Code, tabulate, and summarize data by key parameters (time of day, mode of access, etc.)
3. Assemble daily Metromover ridership. Code, tabulate and summarize data.

4. Collect and assemble data on the use, performance, and effectiveness of privately provided transit services.

5. Code, key-in and process data to produce management Executive Summaries and technical reports.

6. Identify deficient services based on findings of technical studies.

END PRODUCTS:

1. Executive summary reports and weekly reports exhibiting at a glance, via tables and graphs, systems ridership and performance.

2. Technical reports showing sorted listings of services by specific performance indicators.

3. Listings and graphics indicating Metrorail ridership patterns.

4. Listings and graphics indicating Metromover ridership patterns.

5. Categorization of services on the basis of various measures of productivity.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$80,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.08 Long-Range Transportation Plan

PROGRAM OBJECTIVE:

Meeting Planning Requirements

OBJECTIVE:

Meeting Federal and State requirement for an annual update of the Transportation Plan. Insure that the plan is consistent with established policies. Address outstanding long-range transportation planning issues and provide information for decision making.

PREVIOUS WORK:

A major update of the Long-Range Element of the Transportation Plan was adopted in July, 1985.

METHODOLOGY:

A. Annual Review

1. Identify situations where recent decisions require modification of the adopted Transportation Plan.

2. Prepare periodic updates of the Long-Range Element that reflect newly-developed policy decisions and recent finds of planning studies.

3. Analyze the need for major updates in major growth areas (e.g. West Dade, West Kendall, Dolphin Stadium, etc.).

4. Review proposed changes with the Citizen Transportation Advisory Committee and the planning Advisory Board, as necessary.

5. Hold public meetings on changes to the Long-Range Element.

6. Respond to questions raised by the public, committees, and the Board in achieving the annual endorsement.

B. Major update

1. Initiate assembly of new data base upon which to extend the adopted Plan.

2. Develop, code, and simulate the long-range impact of long-range alternatives responding to changes in growth patterns and fiscal constraints.

END PRODUCTS:

1. Memoranda identifying potential Transportation Plan changes.

2. Annual update of the Long-Range component containing changes in policies, long-range improvements, and priority designations.

3. Technical memorandum describing preparatory work conducted for the next major update.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration
Dade County Planning Department

FUNDING:

$81,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.09 TIP Preparation

OBJECTIVE:

To maintain a current 5-year, short-range transportation improvement program consistent with long-range planning activities.

PREVIOUS WORK:

This is a continuing work element of the Transportation planning process.

METHODOLOGY:

1. Examine current year and 5-year proposals for capital expenditures for all transportation modes as well as transit operating needs.
2. Review scope of projects, priorities and schedules.
3. Coordinate Transportation Improvement Program (TIP) with long-range plan and programmatic goals.
4. Coordinate input from all other participating agencies.
5. Prepare document for TPC and MPO review and approval.

END PRODUCT:

Develop a Multimodal Transportation Improvement Program (TIP) for FY 1987, with forecasts of needs until FY 1991.

PROJECT MANAGER:

Walter W. Jagemann

PARTICIPATING AGENCIES:

Dade County Public Works Department
Metro-Dade Transportation Administration

FUNDING:

$33,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.10 Update Civil Rights Report

OBJECTIVE:

Respond to Federal requirements for an annual update of the 1160.1 report. Develop basic information on the level of transit services provided to minority communities.

PREVIOUS WORK:

This report is updated annually.

METHODOLOGY:

1. Identify critical new data for inclusion in the updated report.
2. Prepare report.

END PRODUCT:

Updated 1160.1 report.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$11,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

1.11 Transportation Disadvantaged Planning

OBJECTIVE:

Develop policies and plan for delivering transportation to the disadvantaged segments of our community. In compliance with State regulations, produce the annual update of the Transportation Disadvantaged Plan. Plan and evaluate the delivery of accessible transportation to the elderly and handicapped segments of our community.

PREVIOUS WORK:

The Transportation Disadvantaged Development Plan was updated in FY 1986. It contains an updated inventory of publicly-funded and private non-profit social service agency transportation resources as well as a plan for coordinating special transportation services.

METHODOLOGY:

1. Update the Transportation Disadvantaged Plan including:

   a. Revision of the operating strategy for the designated coordinated community transportation provider.

   b. Revision of the Implementation Schedule Plan and Service Contracting Process.

2. Access the ability of transit services to meet the special transportation needs of the elderly and handicapped.

3. Review strategies and implementation schedule plan for the service contracting process.

4. Provide technical support to various advisory groups.

5. Plan for the expansion of the Brokerage System and integration with other public transportation facilities.

6. Produce operational planning components of the TDDP.

END PRODUCTS:

1. Annual Plan update specifying revised coordination mechanisms.

2. Technical report describing service quality and impacts on the elderly and handicapped.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$29,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Description

WORK ELEMENT:

1.12 Review of Transportation plans, Project Proposals and Policies.

OBJECTIVE:

Insure consistency of proposed transportation plans and improvement projects with the Comprehensive Development Master Plan and other public policies.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

1. Continue the operation of the Metropolitan A-95 Clearinghouse function for transportation-related programs and plans within Dade County.

2. Review the transportation element of municipal plans and amendments to municipal plans.

3. Review transportation - related projects, programs, and activities for consistency with Metropolitan plans and policies.

4. Participate in activities of the Metropolitan Planning Organization Board; the Transportation Planning Council; and special committees and task forces that are set up by the MPO or TPC or which relate directly to the activities of the MPO and TPC. Included is work on the UPWP and TIP committees.

END PRODUCTS:

Letters or memos documenting A-95 review comments and comments on various transportation plans; and contributions to various transportation planning projects.

PROJECT MANAGER:

Bob Usherson

PARTICIPATING AGENCY:

Dade County Planning Department

FUNDING:

$30,000

OBJECTIVE B: IMPROVEMENT PRIORITIES

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.01 Legislative Assessments

OBJECTIVE:

To assess transportation-related legislation and policies issued by governmental agencies to determine implications for the multi-modal transportation system of Dade County.

PREVIOUS WORK:

This work element has been instrumental in providing information necessary to assist in policy decisions affecting transportation in the areas of funding, public/private resources integration, State-Local relationships, and Labor issues. The work has been on-going during this fiscal (FY 1986) year as opposed to sporadic requests during the previous fiscal year (FY 1985). Staff of the MPO Office regularly is requested to prepare assessments of Legislative regulatory and policy proposals issued by governmental agencies that affect the future of multi-modal transportation. Examples of assessments prepared to date include those prepared on Growth Management Legislature, Local Government Cooperative Assistance Program, and Florida's Transportation Revenue Sources.

METHODOLOGY:

1. Monitor all transportation-related legislative proposals, regulations and policies.

2. Summarize assessments of legislative, regulatory and policy proposals issued by governmental agencies that affect the future of multi-modal transportation.

3. Prepare and distribute written assessments and analyses as required.

4. Participate in deliberations and meetings being held by Statewide MPO Advisory Committee which deal with legislative and policy-related questions.

END PRODUCTS:

1. Assessments of proposed legislation policies and regulations, including implications affecting the local multi-modal transportation system.

2. Correspondence prepared for pertinent official agencies as necessary.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$12,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.02 Short-Range Transportation Plan

OBJECTIVE:

Update the Short-Range Element component of the Metro-Dade Transportation Plan to ensure that it remains sensitive to changes in travel demand patterns, new transportation policies and fiscal realities. The Short-Range Plan will be prepared to complement the Long-Range Element and will set guidelines for the development of the Transit Development Program and highway/transit improvement programs.

PREVIOUS WORK:

Draft of the Short-Range Element of the Transportation Plan was prepared in FY 1986

METHODOLOGY:

1. Analyze and evaluate results of updated transit ridership and highway traffic projections.

2. Develop a series of alternative transit and highway improvements required to meet the transportation needs for the next five years.

3. Select those alternative improvements and services that best meet the needs and evaluate the fiscal requirements.

4. Develop recommendations and implementation schedule for new improvements that may be included in the TIP development process.

END PRODUCTS:

1. Memoranda identifying changes required for the Short-Range Plan.

2. Updated Short-Range Plan specifying recommendations for improvements.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$53,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.03 Update Transit Development Plan

OBJECTIVE:

Complete the Transit Development Plan started in 1986 to be consistent with the Short-Range Transit Component of the Transportation Plan, incorporating final recommendations from the Transit Financial Study and other related planning efforts. The updated TDP would include the evaluation results of Network '86 and describe several scenarios for specific transit service improvements based on funding assumptions for the future.

PREVIOUS WORK:

Technical analysis for the Short-Range Element
Updated ridership projections
Collection and analysis of relevant transit operational data
Transit Financial Study and fare policy analysis
Network '86 development and implementation
1986 Update of the Transit Development Plan

METHODOLOGY:

1. Review recommendations of the 1986 Update of the Transit Development Plan for consistency with management directions and policies and the results of the Transit Finance Study.

2. Appraise proposed service levels and guidelines for route planning of the TDP 1986 Update with the evaluation results of Network '86.

3. Identify modifications to service strategies based upon Network '86 results and the technical analysis of the Short-Range Element.

4. Refine capital (equipment requirements) and operating costs for each alternative.

5. Evaluate modifications to service strategies and the fiscal impacts.

6. Prepare a revised staging program for implementation of the recommended service strategies.

7. Update the TDP document and achieve the necessary reviews to insure consistency with current policies.

8. Develop procedures and policies to improve system efficiency in Maintenance, Management, and Service Implementation.

END PRODUCTS:

Transit Development Program Update, containing:

1. Update recommended standards and criteria for transit service.
2. Update proposed service levels for analysis areas with appropriate guidelines for detailed route planning.
3. Update proposals for maintenance improvements.
4. Update Five-Year capital improvement staging recommendations.
5. Update procedures and phasing strategy for program implementation.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$52,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.04 Transit Financing Plan Study

OBJECTIVE:

Develop accurate data, analyze feasible approaches, and propose strategic options leading to dedicated funding to support transit operations and development.

PREVIOUS WORK:

This is the second year of this project. Study design was finalized and model development work was done during the first phase. Also all of the historical background work was completed. The other elements of the study scheduled to begin during the second half of Fiscal Year 1986.

METHODOLOGY:

1. Develop state-of-the-art models to project

   a) travel behavior and

   b) operating costs

2. Design alternative transit service levels and fare structures.

3. Project ridership, revenues, and operating costs for alternative services and fares.

4. Project capital and replacement requirements.

5. Assess impacts of historic influences, community awareness, and national financing experience.

6. Examine potentials for improvement of auto-transit relationships.

7. Study institutional relationships affecting future transit financing.

END PROJECTS:

1. Fifteen working papers and technical memoranda concerning the following: final study design, methodologies and assumptions, transit financial history, service levels, fare system assessment, community awareness, alternative fare policies, revenue projection, capital requirements, transit equity and impacts, future transit expansion, alternative financing approaches, transportation system impacts, institutional options, and Florida operating assistance.

2. Three milestone reports containing the following: total transit financial needs, preliminary recommendations, final report.

PROJECT MANAGER:

Joseph E. Jakobsche

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING (Second Year)*:

$100,000 - Florida Department of Transportation
$100,000 - Metro-Dade Transportation Administration
$120,000 - Urban Mass Transportation Administration (Sec. 8 Discretionary)
$320,000**

* The overall Project Budget for the two years as originally proposed totals $750,000.

** An additional $50,000 in FY 87 Section 8 Funds are committed to this project as part of project 2.03 "Update Transit Development Plan."

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.05 Transit System Evaluation

OBJECTIVE:

Determine the effectiveness of current and proposed transit services and programs through analyses of service performance, productivity, and cost-effectiveness. Determine consistency with County transportation goals and objectives. Identify project/program assets and weaknesses and recommend specific corrective actions or policy alternatives. Determine the comparative advantages and disadvantages of demonstration services operated by both the private and public sectors.

PREVIOUS WORK:

Dadeland North Tram Service Analysis
Corporate Discount Pass Program Evaluation
Dadeland South Parking Shortage - Alternatives Assessment
Elderly & Handicapped Discount Fare
METRORAIL Extension Proposal - Revenue Impacts
Network '86 On-Board Survey
Evaluation of the Loop Demonstration Project

METHODOLOGY:

1. Assemble and review patronage and operational/economic performance data for particular transportation services. Specific performance criteria (developed and adopted as part of the Network '86 System Plan) are used in the assessment of the performance of a transportation service.

2. Evaluate proposed services using the performance of similar services or ridership and revenue projections.

3. Prepare reports presenting results of the evaluation process and recommend various alternative courses of action based upon current performance and future projections.

4. Perform detailed statistical analyses of data items; development of performance trends and projections.

5. Review performance measures and conformance with established evaluation criteria.

6. Prepare conclusions and recommendations for discontinuing, maintaining, or modifying services.

END PRODUCTS:

Evaluation reports on on-going demonstration projects and on existing services as appropriate. Reports to be produced on a monthly basis.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$45,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

2.06 Market Research Plan

OBJECTIVE:

Improve effectiveness of marketing efforts in attracting increased ridership for METROBUS, METRORAIL & METROMOVER as an integrated public transit system.

PREVIOUS WORK:

FY 1986 Market Research Program (Pre-Network '86).

METHODOLOGY:

1. Conduct qualitative focus groups with transit riders, potential riders, non-riders and employees to evaluate key transit issues, the public's attitude toward Network '86 changes and MDTA's public transit service in general. Utilize this information to develop a quantitative market survey.

2. Conduct county-wide survey of transit riders, potential riders and non-riders to track changes in demographic, psychographic and travel characteristics for each group; attitudes towards specific transit services; desired service improvements or changes; and most effective marketing strategies.

3. Utilize findings to develop targeted marketing plan for increasing transit ridership, and to provide input to operations, planning and customer services regarding passenger desires and needs.

END PRODUCT

1. Report on attitudinal findings of the focus group series with specific recommendations for primary survey.

2. Market Study Report clearly outlining all findings and providing recommendations, service improvements/changes and marketing/advertising strategies which will most effectively increase MDTA transit ridership.

PROJECT MANAGER:

Selena Barlow

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$29,000

OBJECTIVE C: TRANSPORTATION INTEGRATION

PROGRAM OBJECTIVE C
TRANSPORTATION INTEGRATION

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

3.01 Community Information Support Refinement

OBJECTIVE:

Develop communications materials to support transportation-related presentations to passenger and community groups. Increase the effectiveness and efficiency of communications production.

PREVIOUS WORK:

Video shows, slide presentations, scripts and other communications material have been used to support presentation to passengers and community groups. These materials have made the difference between a work product which is sub-standard and one which informs essential individuals/groups of the work done. Request for these work products have average at least two to three times a month within the last year.

METHODOLOGY:

1. Review current communications procedures.
2. Review past communications products for effectiveness.
3. Review support function for adequacy and thoroughness.
4. Plan and implement new procedures.
5. Plan, design and implement new communications productions.
6. Design tests to define extent of passenger/community transit and transportation information retention improvement.

END PRODUCTS:

1. Updated transportation planning informational procedures.
2. Improved community information programs which maximize the positive

aspects of Metro-Dade transportation and which produce the maximum amount of increased transit ridership and public support for all modes of transportation.

3. Improved communication products which explain existing services and programs.

PROJECT MANAGER:

Marc T. Henderson

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$25,000

PROGRAM OBJECTIVE C
TRANSPORTATION INTEGRATION

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

3.02 Comprehensive Bicycle Planning and Coordination

OBJECTIVE:

To prepare a Community Bicycle Plan

PREVIOUS WORK:

1. MPO adoption of Comprehensive Bicycle Plan.

2. Previous planning for bicycles has been oriented to recreation facilities. FY 84/85 was the first year bicycle planning was identified as a major element in multimodal transportation planning by both the State of Florida and the MPO.

3. Planning and development of the Bikes-On-Trains program.

4. Planning and development of the Park-N-Ride program for bicycles.

5. Coordination and development of the safety improvement program for the circulation of bicycles along the path beneath the south line of METRORAIL.

6. Creation of the Bicycle Advisory Committee.

METHODOLOGY:

1. Plan link routes to transit (METRORAIL and METROBUS) to encourage commuter bicycling to transit.

2. Plan park and ride (PARK-N-RIDE) facilities for bicycles at key transit points.

3. Monitor the TIP to coordinate the planning of bicycle facilities with FDOT and DCPW in scheduled projects of new roads and the resurfacing of old roads.

4. Develop signage plan and coordinate the placement of standardized bicycle signing in cooperation DCPW and FDOT.

5. Coordinate the planning of bicycle facilities with the Bicycle Advisory Committee and with municipalities and developers to insure consistency with the Comprehensive Bicycle Plan.

END PRODUCTS:

A Community Bicycle Plan describing and graphically displaying:

1. Points for transit interface.
2. Bicycle Park-N-Ride facilities.
3. Recommended bicycle routes for commuting.
4. Recommended bicycle facilities.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCY:

Metropolitan Planning Organization Secretariat

FUNDING:

$25,000

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

3.03 Intermodal Transportation Planning

OBJECTIVE:

To develop a plan for the integration of all elements of the Dade County transportation system in accordance with the balanced transportation system objective identified in the Comprehensive Development Master Plan and the Long Range Transportation Plan.

PREVIOUS WORK:

Network '86 transportation system design; Northside Intermodal Terminal Feasibility Study;

METHODOLOGY:

MPO Policies have as an overall objective the effective integration of all transportation modes. This goal requires detailed analysis of the major connections that are made between METRORAIL, METROMOVER, METROBUS, paratransit services, and private automobiles. Accomplishment of effective service integration will require the development of plans designed to assist passengers who seek to transfer from one mode to another. This will be done on a locational basis, using an overall plan which will define the nature and types of capital and operational improvements necessary.

1. Categorize types of major transportation mode interfaces (e.g. bus-bus; bus-rail; auto-bus; etc.)

2. Identify major sites where intermodal activities are anticipated or planned, based upon Network '86 and the Transportation Plan.

3. Determine the basic elements required for effective interface of transportation modes at various types of locations.

4. Identify operational concerns and issues that must be addressed regarding site modal interface, including scheduling, public information procedures, transfer policies, etc.

5. Prepare prototype plan for each type of transfer point, incorporating standard improvements and amenities as

previously determined. Analyze current operational and fare/transfer policies to determine whether they are conducive to system integration and modal transfer.

6. Estimate capital costs for each type of improvement. Determine implementation priorities, based upon site classification and projected level of activity. Identify impacts of various fare and transfer policy alternatives.

7. Prepare recommendations for new fare and transfer policies aimed at system integration. Prepare plan and recommended program for capital improvements to facilitate modal interface at major transfer points.

8. Prepare a proposed funding plan for the identified improvements.

END PRODUCTS:

Plan containing specific intermodal points, detailing the characteristics of the services to be linked at the terminals and a funding strategy for the development of proposed facilities and services.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$25,000

OBJECTIVE D: TRANSPORTATION CORRIDOR IMPROVEMENTS

PROGRAM OBJECTIVE D
TRANSPORTATION CORRIDOR IMPROVEMENTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

4.01 Urban Design Study

OBJECTIVE:

Develop techniques that will result in an improved visual perception of key transportation corridors by visitors and residents.

PREVIOUS WORK:

1. Basic research is complete, however research will continue on specific topics as needed.

2. The Study Design is complete.

3. The matrix for street quality is complete.

4. Mapped data for major corridors is now underway.

5. The audio visual presentation is complete.

METHODOLOGY:

The Urban Design Study is proposed as a three year study ending in October 1987. The following are the components for the 1987 budget period.

1. Each major corridor in Dade County will be evaluated in terms of urban design quality. This process is now underway and 50± percent will be completed in the 1986 budget period.

2. The final report has been initiated and a major part of the final graphics for that report is now complete. The final report includes three components; background information, street evaluations and recommended approaches to implementation and will be completed in the 1987 budget period.

END PRODUCT:

Fiscal Year 1987 will include the completion of the final report.

PROJECT MANAGER:

Bob Usherson

PARTICIPATING AGENCY:

Dade County Planning Department

FUNDING:

$36,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

4.02 Airport Area Transportation

OBJECTIVE:

Develop a plan for improving the capacity of the ground transportation system in the vicinity of Miami International Airport.

PREVIOUS WORK:

This is a new work element. The Metro-Dade Transportation Plan defines the need for a general access plan requiring further detailing and analysis.

METHODOLOGY:

I. Small Area Travel Analysis

1. Assemble data on current travel patterns, traffic volumes, transit usage, and level-of-service on highways serving the airport area.

2. Refine and validate techniques used to forecast travel demand, modal split, and facility usage.

3. Forecast travel on area facilities using updated socio-economic forecasts, airport activity forecasts and refined travel models.

4. Develop area facility alternatives and forecast travel impacts on facilities in the airport area.

5. Develop management and marketing alternatives that appear to increase transit usage and carpooling to the area. Estimate the travel impact of these alternatives.

II. Detailed Travel Analysis

1. Develop techniques for translating area travel forecasts into specific link-level and intersection level estimates.

2. Apply detailed traffic techniques to alternatives defined in Work Task III.

III. Facility Analysis

1. Define facility (e.g. ramp configurations, rapid transit extentions) that appear to be necessary to meet travel needs of the area, as well as through trips.

2. Identify and quantify engineering, land use, and environmental constraints, and impacts of the facility alternatives.

IV. Evaluation Of Alternatives

1. Evaluate the findings of the travel analysis conducted in Work Task II and the impact analysis conducted in Work Task III.

2. Adjust the alternatives to improve the effectiveness of the alternatives and reduce negative impacts.

V. Plan Formulation

1. Conduct intergovernmental coordination and citizen involvement processes.

2. Develop a refined plan defining transportation improvements and management/marketing actions.

3. Develop an action program defining improvement priorities, possible funding sources and mechanisms, and institutional arrangements.

END PRODUCTS:

1. Technical Memoranda describing travel demand and conditions, travel forecasting models, and travel forecasts.

2. Technical Memoranda describing alternatives and their impacts.

3. Technical Memoranda describing the evaluation of alternatives.

4. Refined Transportation Plan and implementation program for consideration for inclusion in County Transportation plan and Transportation Improvement Program.

PROJECT MANAGERS:

I. H. Carr

PARTICIPATING AGENCIES:

Dade County Aviation Department
Florida Department of Transportation

FUNDING:

	$ 50,000 HPR Funds
	$130,000 Aviation Department
Total	$180,000

PROGRAM OBJECTIVE D
TRANSPORTATION CORRIDOR IMPROVEMENTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

4.03 Preferential Transit Treatments

OBJECTIVE:

Development of detailed transportation plans and proposals that respond to increases in travel demand on major transportation corridors. This work includes the analysis of the potential of alternative transit modes to deal with high-volume travel demands, including expansion of the METRORAIL system, exclusive bus treatments, HOV lanes, and similar types of high-volume travel alternatives.

PREVIOUS WORK:

MDTA has been involved in the preparation of detailed studies and plans regarding transportation improvements in major travel corridors. Among the major studies produced in this effort are:

METRORAIL Expansion Study (1984);
METROMOVER Phase II Analysis;

The Long-Range Transportation Plan and the Short-Range Transportation Plan for Dade County both provide the planning justification for these efforts.

METHODOLOGY:

Major travel corridors throughout the County have been identified in the Long-Range Transportation Plan. The future travel demands and capacity requirements of these corridors were also discussed in the Plan, along with the METRORAIL Expansion Study.

All major travel corridors where high-volume travel demands are anticipated will be identified and categorized by the magnitude of the forecasted demand and level of service.

Result of the forecasted future travel trends will be used to identify those corridors which have the most pressing need for major transit preferential treatments.

Each corridor is identified and listed according to its relative need in the overall County transportation system. Those corridors with the highest level of demand are then identified for detailed study and evaluation of mode alternatives.

The high-demand corridors will then be analyzed in depth to determine the most appropriate transportation modes and/or improvements that will be consistent with overall County policies and objectives. Relative merits and detriments of various mode alternatives are to be assessed.

The results of these analyses will be used to produce a series of recommendations for major capital improvements to the transportation system. These recommendations will include (but not be restricted to) fixed guideway system expansion on an incremental basis; arterial street capacity improvements; major bus treatments on selected corridors; and improvements in existing bus service operations to accommodate anticipated future demands.

END PRODUCTS:

1. Projection of future travel demands on major travel corridors;

2. Identification and categorization of high-volume corridors by anticipated levels of future demand and level of service.

3. Analysis of present highway and transit system capacity; determination of future service requirements and/or street improvements;

4. Detailed analyses of the highest-volume corridors; selection of alternative treatments and/or modes for further study;

5. Evaluation of potential benefits/detriments of each alternative mode; estimate anticipated patronage, capital costs, operating costs, and traffic impacts;

6. Preparation of preliminary recommendations for corridor improvements to be staged in an overall system expansion program. Identification of major capital investment project recommendations to be later subjected to detailed alternatives analysis.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$450,000 (Section 3)

PROGRAM OBJECTIVE D
TRANSPORTATION CORRIDOR IMPROVEMENTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

4.04 Tri-County Transportation

OBJECTIVE:

Support the development of regional transportation system plans and programs that best meet the needs of the Counties of South Florida. Provision of technical planning input to guarantee that Dade County's specific needs and demands are fully understood and represented in overall studies.

PREVIOUS WORK:

Staff of MDTA have participated in reviews of the various proposals for tri-county commuter rail services. MDTA has also provided input and comment on the reports of the State consultants regarding such a service, along with estimates of the service impacts upon the Dade County transportation system.

METHODOLOGY:

1. Review and evaluation of major intercounty project proposals, with an emphasis upon their potential benefits and impacts upon Dade County.

2. Analysis of ridership impacts of proposed Tri-County commuter rail services upon METROBUS and METRORAIL.

3. Assessment of additional capital and operating costs associated with the provision of supporting services. Identification of fiscal resources to finance the required improvements and services.

4. Determination of long-term benefits and impacts of proposed services to Dade County.

END PRODUCTS:

1. Report evaluating Dade County-related impacts of the commuter rail service.

2. Reports detailing configuration and service plan of needed Dade County support bus service to link with the commuter rail.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$10,000

PROGRAM OBJECTIVE D
TRANSPORTATION CORRIDOR IMPROVEMENTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

4.05 Neighborhood Transportation Studies

OBJECTIVE:

Refine the Transportation Plan at the neighborhood level in conjunction with the preparation of a series of comprehensive neighborhood studies, and Area-wide Development of Regional Impact (DRI) reports.

PREVIOUS WORK:

Detailed neighborhood plans with transportation elements are prepared every year on an ongoing basis. Areawide DRI for west Dade is currently underway.

METHODOLOGY:

1. Inventory existing transportation conditions at a neighborhood level.
2. Prepared neighborhood transportation plans responding to future conditions.
3. Develop implementation program proposals.
4. Obtain citizen input by means of neighborhood meetings.
5. Flag localized issues that need to be addressed in updating the Transportation Plan.

END PRODUCTS:

1. Detailed transportation plans for selected neighborhoods, and Areawide DRI's.
2. Proposed programs including recommendations for opening, closing, and realigning roadways, reducing curb cuts, and intensifying/modifying land uses to correct transportation problems.

PROJECT MANAGER:

Bob Usherson

PARTICIPATING AGENCIES:

Dade County Planning Department
Metro-Dade Transportation Administration

FUNDING:

$46,000

OBJECTIVE E: DEVELOPMENT IMPACTS

PROGRAM OBJECTIVE E
DEVELOPMENT IMPACTS

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

5.01 Development Impact Assessments and DRI-DIC Traffic Analysis

OBJECTIVE:

Coordination of transportation and land use planning efforts to conform to state planning regulations for growth management, with the County Comprehensive Development Master Plan, and with overall planning policies and guidelines. Also, to update and improve the detailed traffic analysis review process of the transportation element contained in Development of Regional Impact (DRI) analysis and Developmental Impact Committee (DIC) reviews, and other miscellaneous local traffic analysis.

PREVIOUS WORK:

Transportation planning staff have had an ongoing role in the Development of Regional Impact process, providing technical comments and expertise regarding transportation-related issues that may result from major development proposals and projects. In the past year this role has included specific technical comments on the Dolphin Stadium project, the Overtown Arena proposal, and the West Dade development proposal.

METHODOLOGY:

1. Through the use of standard models developed to project transportation demands incurred by various types of land uses, the anticipated transportation demand for services and roads is estimated. These estimates are converted into costs for necessary improvements to support the needs of the development proposal. The results of this analysis are incorporated in the overall comments that are provided to the County Commission as a part of the Development Impact process.

2. Obtain necessary hardware, program and personal training for traffic analyses.

3. Interconnect by modem with FDOT, MDTA, and Planning Department Computer systems for access to data base.

4. Review and critique traffic studies for DIC and DRI transportation reports submitted by consultants and developers.

5. Assess impacts by performing traffic generations, distribution, intersection and link analysis.

END PRODUCTS:

1. Charts, tables and graphs depicting levels of service capacities for existing and future traffic on the roadway network.

2. Verify traffic analyses generated by other agencies and consultants.

3. Provide the necessary data used as a basis to generate in-house traffic analysis and reports for medium-size developments.

4. Preparation of summary report identifying future travel demands, system requirements, and projected improvements and capital/operating costs based upon projected travel growth as a result of the proposed development.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration
Dade County Planning Department

FUNDING:

$60,000

OBJECTIVE F: PUBLIC/PRIVATE TRANSPORTATION COORDINATION

PROGRAM OBJECTIVE F
PUBLIC/PRIVATE TRANSPORTATION COORDINATION

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

6.01 Privatization Planning/Policy Development

OBJECTIVE:

Develop information and perform analyses required to establish plans for coordinating public and private transportation resources.

PREVIOUS WORK:

The transportation planning process has established both near- and long-term transportation goals and a balanced transportation investment concept. This work effort will entail assessing balanced transportation, public/private partnerships and transit system policies and developing new strategies and policy directions reflecting changes in funding, operational objectives and intergovernmental transportation priorities.

METHODOLOGY:

1. Coordinate responses on a timely basis to comply with Federal Privatization policies and regulations.

2. Define appropriate role for the private-sector transportation industry in planning and programming of transportation improvements.

3. Update and extend an immediate implementation plan for utilization of public transportation resources in the provision of public transportation services integrated with Network '86.

4. Establish privatization policies, strategies, objectives and operational plans and programs including demonstration projects through grants and/or contracts.

5. Coordinate the resolution of legal, institutional, financial and personnel obstacles preventing appropriate public/private partnerships.

END PRODUCTS:

1. Refined public transportation objectives.

2. Public transportation plans and studies on strategic issues with action recommendations.

3. Proposed public-private transportation partnerships, policies and strategic action recommendation.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING REQUESTED:

$56,000

PROGRAM OBJECTIVE F
PUBLIC/PRIVATE TRANSPORTATION COORDINATION

FY 1987 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK ELEMENT:

6.02 Paratransit Planning

OBJECTIVE:

Develop alternatives for increasing the share of trips using modes such as shared taxi's, jitneys, and van pools.

PREVIOUS WORK:

Previous work under the Section 6 Service and Methods Paratransit Grant and the 1986 UPWP program.

METHODOLOGY:

1. Analyze and identify areas and streets of the County which seem appropriate for paratransit routes.

2. Plan routes and evaluate service toward future paratransit planning.

3. Analyze current and proposed jitney services to ensure integration with other public transportation modes.

END PRODUCT:

1. Technical report describing paratransit alternatives, their potential, and actions for increasing the use of paratransit.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCY:

Metro-Dade Transportation Administration

FUNDING:

$30,000

APPENDIXES

APPENDIX I

FY 1987 UNIFIED PLANNING WORK PROGRAM
AVAILABLE AND REQUESTED FUNDING
($000)

SOURCE		
FHWA PL	$394	
LOCAL MATCH (15%)	69	
SUBTOTAL		$463
HPR	50	
LOCAL OVERMATCH (PROJECT NO. 4.02)	130	
SUBTOTAL		180
UMTA SECTION 8	483	
LOCAL MATCH (20%)	120	
SUBTOTAL		603
UMTA SECTION 8 (Discretionary)	120	
LOCAL AND STATE MATCH AND OVERMATCH (PROJECT NO. 2.04)	200	
SUBTOTAL		320
UMTA SECTION 3	450	
SUBTOTAL		450
PROGRAM TOTAL		$2,016

APPENDIX II

FY 1987 UNIFIED PLANNING WORK PROGRAM
PROJECT FUNDING BY SOURCE
($000)

			UMTA SEC.8	OTHER	FHWA PL	TOTAL
A.	PLANNING REQUIREMENTS					
	1.01	UPWP Administration	28		29	57
	1.02	MPO Board and Committee Support	35		40	75
	1.03	UPWP Development	15		21	36
	1.04	Citizen Involvement	5		10	15
	1.05	Socio-Economic Monitoring	30		60	90
	1.06	Highway Surveillance			25	25
	1.07	Transit Monitoring	80			80
	1.08	Long-Range Transportation Plan	35		46	81
	1.09	TIP Preparation	11		22	33
	1.10	Update Civil Rights Report	11			11
	1.11	Transportation Disadvantaged Planning	29			29
	1.12	Review of Transportation Plans Projects Proposals, and Policies	15		15	30
	TOTAL - PLANNING REQUIREMENTS		294	0	268	562
B.	IMPROVEMENT PRIORITIES					
	2.01	Legislative Assessments	6		6	12
	2.02	Short-Range Transportation Plan	26		27	53
	2.03	Update Transit Development Plan	52			52
	2.04	Transit Financing Plan Study		320*		320
	2.05	Transit System Evaluation	45			45
	2.06	Market Research Plan	29			29
	TOTAL - IMPROVEMENT PRIORITIES		158	320	33	511
C.	TRANSPORTATION INTEGRATION					
	3.01	Community Information Support Refinement	15		10	25
	3.02	Comprehensive Bicycle Planning and Coordination	12		13	25
	3.03	Intermodal Transportation Planning	12		13	25
	TOTAL - TRANSPORTATION INTEGRATION		39	0	36	75

			UMTA SEC.8	OTHER	FHWA PL	TOTAL
D.	TRANSPORTATION CORRIDOR IMPROVEMENT					
	4.01	Urban Design Study	18		18	36
	4.02	Airport Area Transportation Study		180**		180**
	4.03	Preferential Transit Treatments		450***		450***
	4.04	Tri-County Transportation	5		5	10
	4.05	Neighborhood Transportation Studies	10		36	46
	TOTAL - TRANSPORTATION CORRIDOR IMPROVEMENT		33	630	59	722
E.	DEVELOPMENT IMPACTS					
	5.01	Development Impact Assessments and DRI-DIC Traffic Analysis			60	60
	TOTAL - DEVELOPMENT IMPACTS		0	0	60	60
F.	PUBLIC/PRIVATE TRANSPORTATION COORDINATION					
	6.01	Privatization Planning/Policy Development	56			56
	6.02	Paratransit Planning	23		7	30
	TOTAL - PUBLIC/PRIVATE TRANSPORTATION COORDINATION		79	0	7	86
GRAND TOTAL			603	950	463	2,016

* Discretionary UMTA Section 8 funds requested in the amount of $120,000. State and Local funds (as regular match and overmatch) in the amount of $200,000 to be provided for this project.

** HPR ($50,000) and Aviation Department Funds ($130,000)

*** UMTA Section 3

APPENDIX III

FY 1987 UNIFIED PLANNING WORK PROGRAM
LOCAL AGENCY PARTICIPATION
($000)

		MPO	MDTA	DCPD	DCPW	OTHER	TOTAL
A.	PLANNING REQUIREMENTS						
1.01	UPWP Administration	57					57
1.02	MPO Board and Committee Support	75					75
1.03	UPWP Development	36					36
1.04	Citizen Involvement	15					15
1.05	Socio-Economic Monitoring			90			90
1.06	Highway Surveillance				25		25
1.07	Transit Monitoring		80				80
1.08	Long-Range Transportation Plan		71	10			81
1.09	TIP Preparation		16		17		33
1.10	Update Civil Rights Report		11				11
1.11	Transportation Disadvantaged Planning		29				29
1.12	Review of Transportation Plans Projects Proposals, and Policies			30			30
	TOTAL - PLANNING REQUIREMENTS	183	207	130	42	0	562
B.	IMPROVEMENT PRIORITIES						
2.01	Legislative Assessments	12					12
2.02	Short-Range Transportation Plan		53				53
2.03	Update Transit Development Plan		52				52
2.04	Transit Financing Plan Study		320*				320
2.05	Transit System Evaluation		45				45
2.06	Market Research Plan		29				29
	TOTAL - IMPROVEMENT PRIORITIES	12	499	0	0	0	511
C.	TRANSPORTATION INTEGRATION						
3.01	Community Information Support Refinement		25				25

			MPO	MDTA	DCPD	DCPW	OTHER	TOTAL
	3.02	Comprehensive Bicycle Planning and Coordination	25					25
	3.03	Intermodal Transportation Planning		25				25
	TOTAL - TRANSPORTATION INTEGRATION		25	50	0	0	0	75
D.	TRANSPORTATION CORRIDOR IMPROVEMENT							
	4.01	Urban Design Study			36			36
	4.02	Airport Area Transportation Study					180**	180**
	4.03	Preferential Transit Treatments		450***				450***
	4.04	Tri-County Transportation		10				10
	4.05	Neighborhood Transportation Studies		10	36			46
	TOTAL - TRANSPORTATION CORRIDOR IMPROVEMENT		0	470	72	0	180	722
E.	DEVELOPMENT IMPACTS							
	5.01	Development Impact Assessments and DRI-DIC Traffic Analysis		50	10			60
	TOTAL - DEVELOPMENT IMPACTS		0	50	10	0	0	60
F.	PUBLIC/PRIVATE TRANSPORTATION COORDINATION							
	6.01	Privatization Planning/ Policy Development		56				56
	6.02	Paratransit Planning		30				30
	TOTAL - PUBLIC/PRIVATE TRANSPORTATION COORDINATION		0	86	0	0	0	86
GRAND TOTAL			220	1362	212	42	180	2,016

* Discretionary UMTA Section 8 funds requested in the amount of $120,000. State and Local funds (as regular match and overmatch) in the amount of $200,000 to be provided for this project.

** HPR and Aviation Department Funds. Project to be jointly managed by the Aviation Department and MDTA.

*** UMTA Section 3

APPENDIX IV

FY 1987 PROJECT FUNDING BY AGENCY ALLOCATIONS
($000)

	FEDERAL					STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA									
PLANNING REQUIREMENTS.	SEC 8	SEC 3	TOTAL	PL	TOTAL	MATCH FHWA	OTHER*	TOTAL	UMTA ** MATCH	FHWA MATCH	OVER MATCH*	TOTAL	
1.01 UPWP ADMINISTRATION	22.4		22.4	24.65	24.65			0	5.6	4.35		9.95	57
1.02 MPO BOARD AND COMMITTEE SUPPORT	28		28	54	54			0	7	6		13	75
1.03 UPWP DEVELOPMENT	12		12	17.85	17.85			0	3	3.15		6.15	36
1.04 CITIZEN INVOLVEMENT	4		4	8.5	8.5			0	1	1.5		2.5	15
1.05 SOCIO-ECONOMIC MONITORING	24		24	51	51			0	6	9		15	90
1.06 HIGHWAY SURVEILLANCE			0	21.25	21.25			0		3.75		3.75	25
1.07 TRANSIT MONITORING	64		64		0			0	16			16	80
1.08 LONG RANGE TRANSPORTATION PLAN	28		28	39.1	39.1			0	7	6.9		13.9	81
1.09 TIP PREPARATION	8.8		8.8	18.7	18.7			0	2.2	3.3		5.5	33
1.10 UPDATE CIVIL RIGHTS REPORT	8.8		8.8		0			0	2.2			2.2	11
1.11 TRANPSORTATION DISADVANTAGED PLANNING	23.2		23.2		0			0	5.8			5.8	29

** Includes 10% cash match provided by FDOT for each work element funded with Section 8 UMTA funds up to a maximum total of $60,300.00.
For administrative purposes, this FDOT Cash Match is referred to as work element 1.11 (FDOT UTMA Grant Cash Match).

APPENDIX IV

FY 1987 PROJECT FUNDING BY AGENCY ALLOCATIONS
($000)

	FEDERAL					STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA									
	SEC 8	SEC 3	TOTAL	PL	TOTAL	MATCH FHWA	OTHER*	TOTAL	UTMA ** MATCH	FHWA MATCH	OVER MATCH*	TOTAL	
1.12 REVIEW OF TRANSPORTATION PLANS PROJECTS PROPOSALS, AND POLICIES	12		12	12.75	12.75			0	3	2.25		5.25	30
1.13 FDOT UTMA Grant Cash Match			0		0		60.3					0	0
SUBTOTAL - PLANNING REQUIREMENTS			235.2		227.8			0				99	562
IMPROVEMENT PRIORITIES								0				0	0
2.01 LEGISLATIVE ASSESSMENTS	4.8		4.8	5.1	5.1			0	1.2	0.9		2.1	12
2.02 SHORT-RANGE TRANSPORTATION PLAN	20.8		20.8	22.95	22.95			0	5.2	4.05		9.25	53
2.03 UPDATE TRANSIT DEVELOPMENT PLAN	41.6		41.6		0			0	10.4			10.4	52
2.04 TRANSIT FINANCING PLAN STUDY	120		120		0		100	100			100	100	320
2.05 TRANSIT SYSTEM EVALUATION	36		36		0			0	9			9	45

*PROJECT 2.04: Discretionary UTMA Sec. 8 funds requested in the amount of $120,000. State and Local funds (as regular match and overmatch) in the amount of $200,000 to be provided for this project.

** Includes 10% cash match provided by FDOT for each work element funded with Section 8 UMTA funds up to a maximum total of $60,200.00. For administrative purposes, this FDOT Cash Match is referred to as work element 1.13 (FDOT UTMA Grant Cash Match).

APPENDIX IV

FY 1987 PROJECT FUNDING BY AGENCY ALLOCATIONS
($000)

	FEDERAL					STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA									
	SEC 8	SEC 3	TOTAL	PL	TOTAL	MATCH FHWA	OTHER*	TOTAL	UTMA ** MATCH	FHWA MATCH	OVER MATCH*	TOTAL	
2.06 MARKET RESEARCH PLAN	23.2		23.2		0			0	5.8			5.8	29
SUBTOTAL - IMPROVEMENT PRIORITIES:			246.4		28.05			100				136.55	511
* * * * * *													
TRANSPORTATION INTERGRATION													
3.01 COMMUNITY INFORMATION SUPPORT REFINEMENT	12		12	8.5	8.5			0	3	1.5		4.5	25
3.02 COMPREHENSIVE BICYCLE PLANNING AND COORDI-NATION	9.6		9.6	11.05	11.05			0	2.4	1.95		4.35	25
3.03 INTERMODAL TRANSPOR-TATION PLANNING	9.6		9.6	11.05	11.05			0	2.4	1.95		4.35	25
SUBTOTAL - TRANSPORTATION INTERGRATION:			31.2		30.6			0				13.2	75
* * * * * *													
TRANSPORTATION CORRIDOR IMPROVEMENT													
4.01 URBAN DESIGN STUDY	14.4		14.4	15.3	15.3			0	3.6	2.7		6.3	36

** Includes 10% cash match provided by FDOT for each work element funded with Section 8 UMTA funds up to a maximum total of $20,300.00.
For administrative purposes, this FDOT Cash Match is referred to as work element 1.13 (FDOT UTMA Grant Cash Match).

APPENDIX IV

FY 1987 PROJECT FUNDING BY AGENCY ALLOCATIONS
($000)

	FEDERAL					STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA									
	SEC 8	SEC 3	TOTAL	PL	TOTAL	MATCH FHWA	OTHER*	TOTAL	UTMA ** MATCH	FHWA MATCH	OVER MATCH*	TOTAL	
4.02 AIRPORT AREA TRANSPORTATION STUDY			0		0		50	50			130	130	180
4.03 PREFERENTIAL TRANSIT TREATMENTS		360	360		0			0	90			90	450
4.04 TRI-COUNTY TRANSPORTATION	4		4	4.25	4.25			0	1	0.75		1.75	10
4.05 NEIGHBORHOOD TRANSPORTATION STUDIES	8		8	30.6	30.6			0	2	5.4		7.4	46
SUBTOTAL - TRANSPORTATION CORRIDOR IMPROVEMENT:			386.4		50.15			50				235.45	722
DEVELOPMENT IMPACTS													
5.01 DEVELOPMENT IMPACT ASSESSMENTS AND DRI-DIC TRAFFIC ANALYSIS			0	51	51			0		9		9	60
SUBTOTAL - DEVELOPMENT IMPACTS:			0		51			0				9	60

*PROJECT 4.02: HPR ($50,000) and Aviation Department Funds ($130,000).

** Includes 10% cash match provided by FDOT for each work element funded with Section 8 UMTA funds up to a maximum total of $60,300.00.
For administrative purposes, this FDOT Cash Match is referred to as work element 1.13 (FDOT UTMA Grant Cash Match).

APPENDIX IV

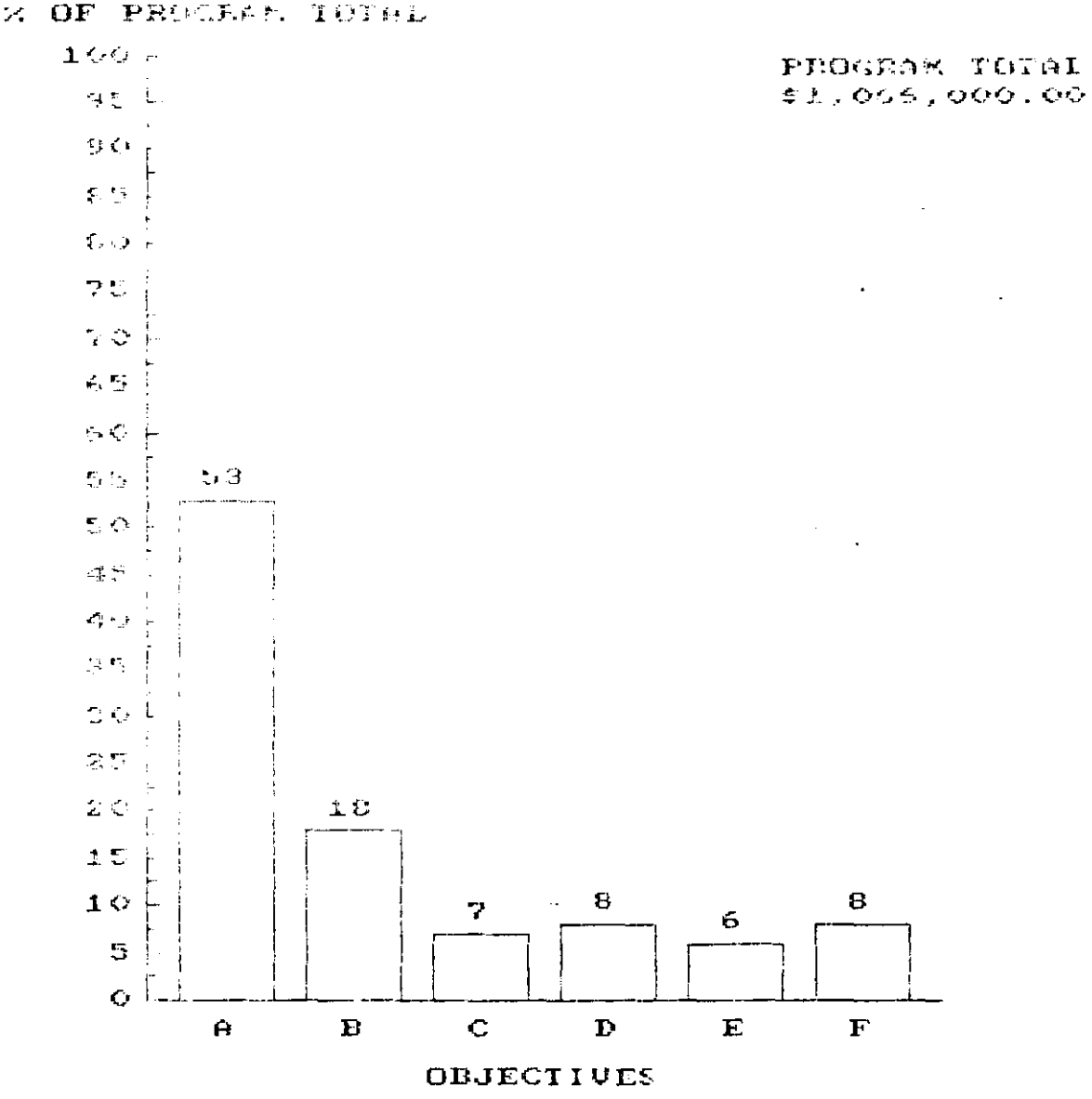
FY 1987 PROJECT FUNDING BY AGENCY ALLOCATIONS
($000)

	FEDERAL					STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA									
	SEC 8	SEC 3	TOTAL	PL	TOTAL	MATCH FHWA	OTHER*	TOTAL	UTMA ** MATCH	FHWA MATCH	OVER MATCH*	TOTAL	
PUBLIC/PRIVATE TRANSPORTATION COORDINATION													
6.01 PRIVATIZATION PLANNING/POLICY DEVELOPMENT	44.8		44.8		0			0		11.2		11.2	56
6.02 PARATRANSIT PLANNING	18.4		18.4	5.95	5.95			0	4.6	1.05		5.65	30
SUBTOTAL - PUBLIC/PRIVATE TRANSPORTATION COORDINATION:	63.2				5.95			0				16.85	86
					* * * * * *								
GRAND TOTAL:			962.4		393.55			150				510.05	2016

** Includes 10% cash match provided by FDOT for each work element funded with Section 8 UMTA funds up to a maximum total of $60,300.00.
For administrative purposes, this FDOT Cash Match is referred to as work element 1.13 (FDOT UTMA Grant Cash Match).

APPENDIX - V

FY 1987 UPWP
ALLOCATION OF PROGRAM FUNDS
BY OBJECTIVES



A - REQUIREMENTS
B - PRIORITIES
C - INTEGRATION
D - CORRIDOR IMPROVEMENTS
E - DEVELOPMENT
F - PUBLIC/PRIVATE