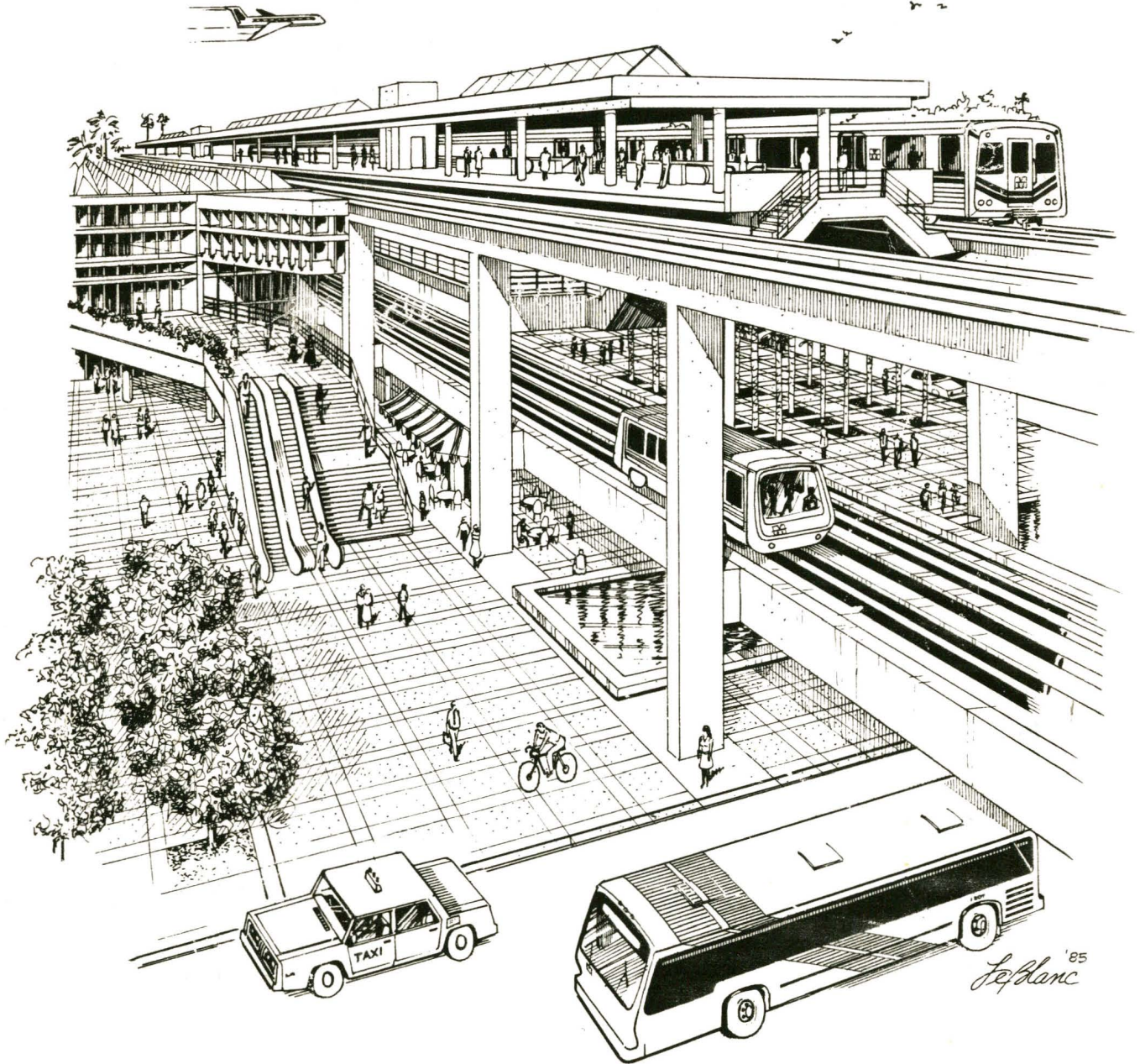


Unified Planning Work Program

Fiscal Year 1986



**Metropolitan Planning Organization for the
Miami Urbanized Area**



FY 1986 UNIFIED PLANNING WORK PROGRAM

FINAL DRAFT

JUNE, 1985

Metropolitan Planning Organization
for the
Miami Urbanized Area

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INTRODUCTION

This 1986 Unified Planning Work Program (UPWP) describes transportation planning activities to be conducted in the Miami Urbanized area during the fiscal year beginning July, 1985. The purpose of the document is to define a meaningful transportation planning program that will provide a sound basis for decisions to implement priority transportation improvements and services. As in the past, the work is to be undertaken in a cooperative manner between the various participating County agencies and the Florida Department of Transportation under the policy direction of the MPO Governing Board, with technical guidance provided by the Transportation Planning Council and its committees.

All of the projects included in the 1986 UPWP address the program objectives defined by the program development committee and approved by the Transportation Planning Council. The 1985 objectives were essentially maintained and emphasis on this year's program centers around both UMTA's suggested "national emphasis" areas and also on local objectives. Particular attention has been given to projects addressing issues of cost-effectiveness and service quality as these relate to the effective implementation of transportation service delivery projects affecting all modes.

In highlighting differences from the 1985 program a number of items can be indicated. The 1986 UPWP places a lesser emphasis on the preparation of the Transportation Plan Update (completed during Fiscal Year 1985) while new emphasis has been given to the development of tools for the potential implementation of transportation impact fees. A re-assessment of the strategic, short term policies to guide the near-term future of public transportation in the County has also been included in the program, as has been an item to develop increased private sector participation in the delivery of transportation services through paratransit-related strategies. Other new items include the preparation of a bicycling plan and a specific effort to monitor the increasing number of transportation related bills that are being proposed and/or enacted through the Florida Legislature.

It should also be pointed out that planning efforts to continue the development of proposals for major capital investments are also a part of the 1986 UPWP. The completion of the final planning work necessary to move forward with the Phase II of the Dade County METROMOVER system and with the evaluation of future METRORAIL corridors are activities that will be continued during the 1986 fiscal cycle.

Finally, it is noted that an item on air quality considerations was not specifically included in this year's program, as it was in the previous year. The coordination of air quality related work is to be conducted as part of regular program and project planning activities.

PROGRAM OBJECTIVES

The transportation planning activities described in this work program are primarily directed at achieving seven important program objectives:

OBJECTIVE 1 PLANNING REQUIREMENTS

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

OBJECTIVE 2 TRANSPORTATION FUNDING

Provide the information and coordination needed for decisions establishing an adequate source and level of funding for priority transportation improvements.

OBJECTIVE 3 IMPROVEMENT PRIORITIES

Provide the underlying rationale and coordination needed for decisions establishing a set of cost-effective transportation improvement priorities.

OBJECTIVE 4 TRANSPORTATION INTEGRATION

Facilitate an effective transition to an integrated multi-modal transportation system.

OBJECTIVE 5 TRANSPORTATION CORRIDOR IMPROVEMENTS

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

OBJECTIVE 6 DEVELOPMENT IMPACTS

Develop the information and policies concerning the relationship between transportation and urban development and the accompanying cost/benefits/burdens on the transportation system.

OBJECTIVE 7 PUBLIC / PRIVATE TRANSPORTATION COORDINATION

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

PROJECT DESCRIPTIONS

I. TRANSPORTATION SYSTEMS PLANNING

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

A. Program Management / Coordination

WORK ELEMENT:

1.11 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 1986) planning activities.
 - a. Assess the effectiveness of the current (FY 1986) planning program to meaningfully resolve issues on a continuing basis.
 - 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 1987 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 1987 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 1986 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 1986 UPWP.
- 2. Update of the issue list and program objectives to be considered in preparing the FY 1987 UPWP.
- 3. Review Draft of the FY 1987 UPWP.
- 4. Final Draft of the FY 1987 UPWP.
- 5. Memos transmitting drafts of the UPWP.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$ 45,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

A. Program Management / Coordination

WORK ELEMENT:

1.12 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 AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$ 70,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

A. Program Management / Coordination

WORK ELEMENT:

1.13 MPO Board and Committees 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 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.
2. 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.
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 Dupont Plaza, Seaport Access Task Force and the Parking Policy Task Force. Work on an "as needed" basis with 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 AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$ 95,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

A. Program Management / Coordination

WORK ELEMENT:

1.14 Legislative Assessments

OBJECTIVE:

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

PREVIOUS WORK:

As a result of the many changes affecting transportation at all levels of government are areas such as funding, public/private resources integration, State-Local relationships, and Labor issues, (to name only a few), staff of the MPO Office has been requested at various times during the current fiscal year (FY 1985) to prepare assessments of legislative, regulatory and policy proposals issued by governmental agencies that affect the future of multimodal transportation. While this type of work has been done in the past on a sporadic basis, it has become apparent that this function will continue to be of significance during Fiscal Year 1986. Examples of assessments prepared to date include those prepared on the State-sponsored Funding Formula Review Group Proposal, the USDOT Section 310 Transit Performance Monitoring Report and the Review of the State Transportation Planning Legislation (SB 868).

METHODOLOGY:

1. Monitor all transportation-related legislative proposals, regulations and policies.
2. Prepare and distribute written assessments and analyses as required.
3. Participate in deliberations and meetings and as those being held by Statewide MPO Advisory Committee and by the proponents of Regional Transportation Authorities which deal with legislative and policy-related questions.

END PRODUCTS:

1. Assessments of proposed legislation policies and regulations, including implications affecting the local multimodal transportation system.
2. Correspondence prepared for pertinent official agencies as necessary.

PROJECT MANAGER:

Jose-Luis Mesa

PARTICIPATING AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$10,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

1. TRANSPORTATION SYSTEMS PLANNING

A. Program Management/Coordination

WORK ELEMENT:

1.15 PI, Liaison

OBJECTIVE:

Maintain a meaningful cooperative local / State planning program by involving FDOT staff.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

FDOT will assist the MPO in carrying out various UPWP tasks.

END PRODUCTS:

1. Attendance at MPO meetings by FDOT.
2. Requested data.

PROJECT MANAGER:

Thomas L. Thomson

PARTICIPATING AGENCIES:

Florida Department of Transportation

FUNDING:

\$30,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

WORK CATEGORY:

1. TRANSPORTATION SYSTEMS PLANNING

A. Program Management/Coordination

WORK ELEMENT:

1.16 HPR Liaison

OBJECTIVE:

Help achieve a meaningful transportation planning program with the provision of technical assistance by FDOT staff.

PREVIOUS WORK:

This is a continuing activity.

METHODOLOGY:

FDOT staff will assist the MPO planning activities by providing technical assistance and data with particular emphasis on upgrading the local and regional models.

END PRODUCTS:

Data as requested.

PROJECT MANAGER:

Thomas L. Thomson

PARTICIPATING AGENCIES:

Florida Department of Transportation

FUNDING:

\$155,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

B. Data Surveillance

WORK ELEMENT:

1.21 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. Continue maintenance and editing of the GBF DIME File for use as backup geographic reference file and for incorporation into 1990 Census TIGER files and well as 1990 UTPP. Additionally, implement ZIP Plus 4 address reference file as primary method of address geo-coding, which was initiated in the previous FY, so that various data files encoded with street addresses can be matched to Census and traffic zone geography.
2. Complete the new data base for the intercensal year 1985 which was initiated during the previous FY. This will require completing the address-coding of several raw data files: FS202 Employment Security File; Dade County Motor Vehicle Tag Registration File; Business Regulation, Lodging and Restaurant File.
3. Add new variable, housing units by type of units, to the standard MUATS database.
4. Create a geo-coded Real Property File from merged 1980 and 1985 files for those areas adjacent to the METRORAIL alignment. This merged file would be designed to facilitate the comparison of

assessed valuation so that the impact of METRORAIL and the DCM can be measured at the census block level of detail, rather than the present capability which allows section by section comparisons.

5. Create comparable (same geographic base, such as 1970 census tracts) files for 1970 and 1980 UTPP datasets. This will facilitate a comparison of certain UTPP data such as journey-to-work.

END PRODUCTS:

1. Current DIME file.
2. Operational ZIP Plus 4 geo-coding procedure.
3. New intercensal (1985) base year data set incorporating all variables.
4. A current 1985 estimate, 1980 base year file for time series comparison as well as projections of housing by type of unit, a new MUATS variable.
5. METRORAIL corridor, block-level geo-coded, "80-85" evaluation comparison database from Real Property files.

PROJECT MANAGER:

Charles Blowers

PARTICIPATING AGENCIES:

Dade County Planning Department

FUNDING:

\$90,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

1. TRANSPORTATION SYSTEMS PLANNING

B. Data Surveillance

WORK ELEMENT:

1.22 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 count 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 a proposal for upgrading the traffic counting program and identify funding resources.
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 memorandum proposing an upgraded counting program.
5. A report summarizing significant changes and new trends in highway traffic flows.

PROJECT MANAGER:

Mark Brammer

PARTICIPATING AGENCIES:

Dade County Public Works Department

Metro Dade Transportation Administration

FUNDING:

DPW - \$30,000
MDTA - \$10,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

- I. TRANSPORTATION SYSTEMS PLANNING
 - B. Data Surveillance

WORK ELEMENT:

- 1.23 Maintain Transit Data Base

PROGRAM OBJECTIVE:

Meet Planning Requirements

WORK ELEMENT OBJECTIVE:

Provide up-to-date information on transit services, ridership, and performance for use in short-range transportation planning.

PREVIOUS WORK:

This is a continuing activity. A surveillance manual defining specific data to be maintained was produced in FY 1985.

METHODOLOGY:

1. Select a sample of METROBUS runs to be monitored as part of the Transit Route Planning work element so that ridership by segment can be obtained.
2. Code, edit, tabulate, and summarize by segment bus ridership data collected in the Transit Route Planning work element.
3. Maintain specialized data base summarizing METROBUS services for use in maintaining current network. Update the network to account for actual lineups.
4. Monitor daily METRORAIL ridership. Code, tabulate, and summarize METRORAIL ridership data by key parameters (e.g. time of day, mode of access, etc.)
5. Monitor daily METROMOVER ridership, once service commences. Code, tabulate, and summarize data.

END PRODUCTS:

1. Listings indicating METROBUS ridership by route segment.

2. Listings and network representing METROBUS services.
3. Listings and graphics indicating METRORAIL riderships patterns.
4. Listings and graphics indicating METROMOVER ridership.
5. A categorization of bus route segments on the basis of various measures of productivity.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$100,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

C. Transportation Plan

WORK ELEMENT:

1.31 Update Long-Range Transportation Plan

PROGRAM OBJECTIVE:

Meet Planning Requirements

WORK ELEMENT OBJECTIVE:

Meet Federal requirement for an annual update of the Transportation Plan. Insure that the Plan is consistent with policy decisions. 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 FY 1985.

METHODOLOGY:

1. Identify situations where recent decisions require modification of the adopted Transportation Plan.
2. Prepare minor updates of the Long-Range Element that reflect existing policy decisions and recent findings of planning studies.
3. Hold a public hearing on changes to the Long-Range Element.
4. Respond to questions raised by the public, committees, and the Board in achieving the annual endorsement.

END PRODUCTS:

1. Memoranda identifying potential Transportation Plan changes.
2. Proposals for revisions of the Long-Range Plan.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

Dade County Planning Department

FUNDING:

MDTA - \$10,000

DCPD - \$ 5,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

C. Transportation Plan

WORK ELEMENT:

1.32 Update Short-Range Transportation Plan

PROGRAM OBJECTIVES:

Prioritization of Transportation Improvements

WORK ELEMENT OBJECTIVE:

To ensure that the Short-Range Element remains sensitive to changes in travel demand patterns as they are impacted by new transportation policies and socioeconomic changes. The Short-Range Plan update establishes the framework for program design and implementation.

PREVIOUS WORK:

Short-Range Element of the Transportation Plan - FY 1985

METHODOLOGY:

1. Analyze and evaluate results of updated ridership and traffic projections. Identify service deficiencies and future needs.
2. Develop alternative strategies to satisfy new needs and demands identified as a result of updated systems analyses.
3. Select appropriate alternatives and evaluate future impacts and fiscal requirements.
4. Develop implementation schedule for recommended new improvements that may be used in Transportation Improvement Program development process.

PRODUCTS:

1. Memoranda identifying changes required for the Short-Range Plan
2. Detailed recommendations for improvements to be incorporated in the Short-Range Plan Update.

3. Recommended schedule for implementation of new projects and programs.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

Dade County Planning Department

FUNDING:

MDTA - \$25,000

DCPD - \$ 5,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

C. Transportation Plan

WORK ELEMENT:

1.33 Maintain Travel Modeling Capabilities

PROGRAM OBJECTIVE:

Meet Planning Requirements

WORK ELEMENT OBJECTIVE:

Refine updated travel models so that they can be used to reliably estimate link-level use/performance.

PREVIOUS WORK:

The travel models were selectively updated and validated in FY 1985 to produce sketch-level aggregate output.

METHODOLOGY:

1. Review the sketch-level model developed in FY 1985.
2. Refine the model to reflect a more detailed zone system needed to make link-level traffic estimates.
3. Validate the model at a finer level of detail.

END PRODUCTS:

1. Memo reviewing the sketch-level model.
2. Memo describing a more-detailed model and its validation.
3. Technical reports documenting the models currently in use and the various assumptions included.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$97,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

- I. TRANSPORTATION SYSTEMS PLANNING
- D. Special Support Studies

WORK ELEMENT:

- 1.41 Development Impact Assessments

OBJECTIVE:

Insure consistency between specific development proposals and the Transportation Plan and estimate development project impact costs.

PREVIOUS WORK:

A Small Area Impact model was developed in FY 1983/84 enhanced and calibrated in 1985.

METHODOLOGY:

1. Apply the Small Area Impact Model to determine the transportation impacts of specific development proposals.
2. Incorporate the new base-year networks into the model and maintain current status of DADE.TRIPS database.
3. Develop "sketch plan" database of DADE.TRIPS which models buildout conditions for selected subareas that are developing so rapidly that further growth may necessitate significant changes to the long range transportation plan.
4. Present DADE.TRIPS model to approved transportation consultant for review and verification of function, and final calibration against 1985 FDOT UTPP Model Simulation runs using 1985 socio-economic database.
5. Participate in the review of alternative applications of impact fees and development of appropriate implementation mechanism in Dade County.

END PRODUCTS:

1. Current DADE.TRIPS database.
2. "Sketch Plan" database.
3. Verified DADE.TRIPS model.

4. Draft proposals for the potential implementation of a Transportation impact fees scheme.

PROJECT MANAGER:

Charles Blowers

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

Approved Transportation Consultant

FUNDING:

DCPD: \$20,000

MDTA: \$10,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

- I. TRANSPORTATION SYSTEMS PLANNING
 - D. Special Support Studies

WORK ELEMENT:

- 1.42 Neighborhood Transportation Studies

OBJECTIVE:

Refine the Transportation Plan at the neighborhood level in conjunction with the preparation of a series of comprehensive neighborhood studies.

PREVIOUS WORK:

Detailed neighborhood plans with transportation elements are prepared every year on an ongoing basis.

METHODOLOGY:

1. Inventory existing transportation conditions at a neighborhood level.
2. Prepare 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.
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:

John Woodlief

PARTICIPATING AGENCIES:

Dade County Planning Department

Metro-Dade Transportation Administration

FUNDING:

DCPD - \$40,000

MDTA - \$10,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

D. Special Support Studies

WORK ELEMENT:

1.43 Update Civil Rights Report

PROGRAM OBJECTIVE:

Meet Planning Requirements

WORK ELEMENT OBJECTIVE:

Respond to Federal requirement 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 data gaps in the current report.
2. Update selected data including accessibility data, to correct critical gaps.
3. Selectively update the report.

END PRODUCTS:

Updated 1160.1 report.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$15,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

- I. TRANSPORTATION SYSTEMS PLANNING
- D. Special Support Studies

PROGRAM OBJECTIVE:

1. Integration of transportation system modes
2. Coordination of Public/private transportation resources
3. Compliance with Federal and state program requirements

WORK ELEMENT:

- 1.44 Elderly and Handicapped

OBJECTIVE:

Develop policies and plan to deliver transportation to the Elderly and Handicapped segments of our community.

PREVIOUS WORK:

The Transportation Disadvantaged Development Plan is being prepared in FY 1984. 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. Provide technical support to various advisory groups.
3. Plan for the expansion of the Brokerage System and integration with other public transportation facilities.
4. Initiate the development of a revised 504 transit Accessibility Plan consistent with new Federal regulations.

END PRODUCTS:

1. Updated Transportation Disadvantaged Plan.
2. Report on the status of the social service brokerage system.
3. Transit Accessibility Plan developed in response to revised 504 regulations.
4. A report on brokerage and public transportation system integration.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$40,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

PROJECT DESCRIPTION

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

D. Special Support Studies

WORK ELEMENT:

1.45 Analysis of Public Transportation Policies and Strategies.

PROGRAM OBJECTIVES:

1. Refinement and update of public transportation program priorities.
2. Coordination of public/private transportation resources.
3. Identification of transportation funding requirements.

OBJECTIVE:

Preparation and adoption of updated documents delineating policies, strategies and standards for the multi-modal, public transportation component of the Dade County transportation system.

PREVIOUS WORK:

The Transportation planning process has established both short term and long term public transportation goals. This work effort will entail reassessing existing transit system strategies based on changing funding and operational realities.

METHODOLOGY:

1. Assess and refine as necessary the existing short and long range objective statements of the public transportation system.
2. Develop and adopt public transportation system strategies (through alternative policies analysis and public input) addressing critical public transportation issues including such items as the mix of public and private service, productivity and service standard priorities and criteria, a financial plan that allocates cost benefits and services on an equitable and attainable basis.

END PRODUCTS:

1. Refine public transportation objectives.
2. Public Transportation plans and studies on strategic issues with action recommendations.
3. Standard for public transportation financial and operating decisions.

PROJECT MANAGER:

Leon F. Sachs

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING REQUESTED:

\$70,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

D. Special Support Studies

WORK ELEMENT:

1.46 Comprehensive Bicycle Planning and Coordination

OBJECTIVE:

The integration of bicycles into the multimodal transportation system.

PREVIOUS WORK:

1. 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.
2. Planning and development of the Bikes-On-Trains program.
3. Planning and development of the Park-N-Ride program for bicycles.
4. Coordination and development of the safety improvement program for the circulation of bicycles along the path beneath the south line of METRORAIL.
5. Coordination of bicycle facility development plans with highway construction plans.

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. Coordinate the planning of bicycle facilities with FDOT in the design of new roads and the resurfacing of old roads.
4. Plan arterial bicycle links between existing bicycle facilities and activity centers.

5. Develop plan and coordinate the placement of standardized bicycle signing in cooperation DCPW and FDOT.
6. Develop a Bicycle System Plan incorporating roadway facilities, bikeways and designated bicycle lanes.
7. Coordinate the planning of bicycle facilities with municipalities and developers to insure consistency with the Comprehensive Bicycle Plan.

END PRODUCT:

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. Arterial links between bicycling facilities.

PROJECT MANAGER:

Pearl J. Lazarus

PARTICIPATING AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$45,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

PROGRAM CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

D. Special Support Studies

WORK ELEMENT:

1.47 Refine Parking Policy

PROGRAM OBJECTIVE:

Transportation Integration

WORK ELEMENT OBJECTIVE:

Assess the implications of controlling the availability and prices of parking in areas having a high level of transit service.

PREVIOUS WORK:

A generalized parking policy was formulated in FY 1985.

METHODOLOGY:

1. Define the study area.
2. Assemble information on the number of parking spaces and pricing policies in the study area.
3. Assess impact of governmental growth management policies on parking availability.
4. Specify alternative pricing policies (e.g. short-term vs. long-term parkers).
5. Specify alternative policies limiting increases in parking availability.
6. Simulate the impacts of the alternatives.
7. Evaluate the alternatives.
8. Define an implementation strategy.

END PRODUCTS:

1. Memo documenting the number of parking spaces and pricing structure in the study area.
2. Memo describing the impacts of governmental growth management policies on parking availability.
3. Memo documenting the analysis of alternative policies affecting the price and availability of parking.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$30,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

I. TRANSPORTATION SYSTEMS PLANNING

E. Citizen Involvement

WORK ELEMENT:

1.51 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:

The Citizen Transportation Advisory Committee (CTAC) was established in 1983. Numerous citizen meetings have been held in conjunction with the Stage II corridor selection.

METHODOLOGY:

1. Provide Secretariat support to the CTAC and its subcommittees.
2. Provide media and 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.
 - Plan neighborhood meetings.
 - Publicize and inform the public of the contents and recommendations of the Plan.
 - Conduct public hearings.
3. Support transit route planning activities.
 - Plan neighborhood meetings and public hearings.
 - Prepare and distribute informational materials.
4. Support joint development planning activities.

- Plan neighborhood meetings in areas impacted by Transportation Improvements.
- Prepare and distribute informational materials to the public.

5. Advertising

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 AGENCIES:

Metropolitan Planning Organization Secretariat

FUNDING:

\$15,000

II. TRANSPORTATION PLAN REFINEMENT STUDIES

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

A. Transit Planning

WORK ELEMENT:

2.11 Update Transit Development Program (TDP)

OBJECTIVE:

Development of a staged five-year capital and operational service strategy that is consistent with the Short-Range Transit Component of the Transportation Plan, incorporating recommendations from the Transit Financial Study, Maintenance Study, and other related work efforts.

PREVIOUS WORK:

Technical analysis for the Short-Range Element
Updated ridership projections
Collection and analysis of relevant transit operational data
Transit System network development for 1990
Transit Financial Study and fare policy analysis
Transit Maintenance study (If funded)

METHODOLOGY:

1. Review and evaluate results of Short-Range patronage forecasts.
2. Identify alternative service strategies for sub-regional areas. based upon assumed service standards, relative levels of transit demand, area travel characteristics, and fiscal experiences.
3. Identify markets where contracted paratransit services appear to be most appropriate.
4. Develop networks that conform with the alternative strategies.
5. Simulate 1990 travel on the alternatives.
6. Develop capital (equipment requirements) and operating costs for each alternative.
7. Evaluate alternatives and fiscal impacts (farebox recovery).
8. Develop recommendations for five-year service strategies.
9. Review and extrapolate short-term actions developed in the Route Planning work element.

10. Prepare a staged program for implementation of the recommended service strategies.
10. Evaluate results of maintenance study. Incorporate conclusions and recommendations.
11. Incorporate recommendations and proposals from Transit Finance Study.
12. Produce a TDP document and achieve the necessary reviews to insure consistency with management directions and policies.

PRODUCTS:

Transit Development Program Update, containing:

1. Recommended standards and criteria for transit service.
2. Proposed service levels for analysis areas with appropriate guidelines for detailed route planning.
3. Proposals for maintenance improvements.
4. Five-Year capital improvement staging recommendations.
5. Recommendations for modal integration.
6. Procedures and phasing strategy for program implementation.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$68,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Description

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

A. Transit Planning

WORK ELEMENT:

2.12 Transit Access Needs

OBJECTIVE:

Develop project proposals to overcome problems in accessing METRORAIL stations.

PREVIOUS WORK:

This is a continuing work activity.

METHODOLOGY:

1. Identify critical access problems (involving both vehicles and pedestrians) at METRORAIL stations.
2. Propose alternatives (i.e. preferential transit improvements, parking garages, etc.).
3. Evaluate alternatives and work with implementation agencies to identify funding and implementation strategies.

END PRODUCTS:

1. Memo identifying access problems.
2. Memo documenting proposals for alternative solutions and their impacts.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$15,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

A. Transit Planning

WORK ELEMENT:

2.13 Transit Route Planning

OBJECTIVE:

Improve the productivity and efficiency of the transit route network with particular emphasis on improvements to integrate METROBUS, METRORAIL and METROMOVER services.

PREVIOUS WORK:

Transit Development Plan; Route Planning Element of prior years' UPWP.

METHODOLOGY:

1. Collect and analyze data pertaining to the level of passenger use, activity points, and network integration and efficiency that is needed to develop realignments and/or supplemental bus service.
2. Develop new and/or realigned bus service using parameters established in the Short-Range Element of the Transportation Plan and the TDP.
3. Prepare service recommendations that would integrate METROBUS, METRORAIL and METROMOVER services, including the realignment of bus services to serve METRORAIL and METROMOVER stations.
4. Provide technical operations-oriented support to the development of policies and programs regarding: for example, transit fares, equipment needs, logistics, manpower needs, and parking rates and facilities.
5. Provide marketing support for transit route analysis by conducting market surveys and analyzing transit markets.

END PRODUCTS:

1. Technical memos recommending changes to transit routes and schedules.
2. Technical memos recommending policies to improve and/or integrate the various modes of the transit system in Dade County.
3. Technical memos recommending policies on fare, equipment needs, parking, and other operational issues.
4. Marketing surveys reports as needed.

PROJECT MANAGER:

David R. Fialkoff

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$ 35,000 - Section 8
\$325,000 - Local (Overmatch)

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

A. Transit Planning

WORK ELEMENT:

2.14 Transit Expansion Transition Study

OBJECTIVE:

Develop and conduct a transit expansion pre-alternative analysis: perform planning necessary to create a work program for Alternatives Analysis based on the information in the Systems Planning Report to satisfy simultaneously both UMTA requirements and local Dade County priorities. Select consulting firm to conduct the Alternatives Analysis and award contract.

PREVIOUS WORK:

Transit Expansion Systems Planning; Long Range Transportation Plans; Transit Development Program.

METHODOLOGY:

1. Analyze review comments on existing draft Alternatives Analysis Work Program and evaluate impacts.
2. Conduct study of alternative courses of action toward resolution.
3. Assess impact of proposed courses of action.
4. Prepare documentation for consultant selection for completing the Alternative Analysis and proceed to select consultant.

END PRODUCT:

1. Report/memo detailing work conducted under this element, including recommended course of action.
2. Revised work program for Alternatives Analysis.

3. Award contract to private firm for Alternatives Analysis and preliminary engineering work.

PROJECT MANAGER:

David R. Fialkoff

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$500,000 - Section 3

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

A. Transit Planning

WORK ELEMENT:

2.15 Paratransit Planning

OBJECTIVE:

Analyze and identify areas and streets of the County which seem appropriate for paratransit routes based on demographics and development and the nature of existing transit service; plan the routes and evaluate the service toward expanded future paratransit planning. Increase the cost effectiveness and spatial and temporal availability of public transportation service to meet the varied and multi-modal mobility needs in the community by providing paratransit services on an integrated private/public sector basis.

PREVIOUS WORK:

Previous work under the Section 6 Service and Methods Paratransit Grant and the 1985 UPWP program.

METHODOLOGY:

1. Develop concepts of providing public transportation which integrates public and private sector transportation resources.
2. Plan, program, monitor, and evaluate operating demonstrations to test the validity of the concepts.
3. Develop and secure adoption of policies, strategies and operational scenarios implementing the concepts.
4. Plan, monitor, and evaluate the transition process to a public/private, public transportation system.

END PRODUCTS:

1. Report/memo describing integrated public/private transportation system concepts.
2. Report/memo describing the planning, programming, operation and evaluation of demonstration(s) comparing public and private service delivery results in similar temporal and spatial markets.
3. Report/memo describing a program of contracting with and service monitoring of private sector transportation services in a public transportation setting.
4. Report/memo recommending a policy on the role of private sector transportation resources in delivery of public transportation service.

PROJECT MANAGER

David R. Fialkoff

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$120,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

B. Phase II Transit Alternatives Analysis

WORK ELEMENT:

2.21 Phase II METROMOVER Alternatives Analysis

OBJECTIVE:

Analyze transit alternatives in the Omni and Brickell Corridors.

PREVIOUS WORK:

This work was initiated in FY 1985.

METHODOLOGY (see specific work program).

1. Conduct engineering/costing analyses.
2. Inventory affected environment.
3. Estimate transportation impacts of alternatives.
4. Estimate environmental consequences of alternatives and prepare DEIS.
5. Evaluate alternatives.
6. Prepare Final EIS.

END PRODUCTS:

1. Progress reports.
2. Conceptual operations plan.
3. Memo describing affected environment.
4. Memos documenting model and ridership forecasts for alternatives.

5. Draft EIS.

6. Final EIS.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$75,000 - Section 3

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

C. Other Corridor Studies

WORK ELEMENT:

2.31 North-Central Dade Corridor

OBJECTIVE:

Develop plans for transportation improvements along the NW 27 Avenue corridor from the Northside Shopping Center to the Dade/Broward County line.

PREVIOUS WORK:

Long Range Transportation Plan; Transit Development Plan; Systems Planning for the Metro Transit Expansion Study.

METHODOLOGY:

1. Identify specific transportation and transit deficiencies at specific points in the corridor and/or along the entire corridor.
2. Identify alternatives for improving the quality of transportation in the Corridor, commensurate with funding and other resource constraints.
3. Assess the impacts of the alternatives.

END PRODUCTS:

1. Technical memos documenting the study objectives, existing travel conditions, and proposed alternatives.
2. Report and/or memos presenting the impacts and financial feasibility of recommendations.

PROJECT MANAGER:

David R. Fialkoff

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$25,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

PROGRAM CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

C. Other Corridor Studies

WORK ELEMENT:

2.32 South Dade Corridor

OBJECTIVE:

Carry out final implementation planning for Railbus Demonstration; conduct evaluation of project.

PREVIOUS WORK:

Long Range Transportation Plan; Transit Development Plan; Systems Planning for Metro Transit Expansion Study background work UPWP Work Element in prior year.

METHODOLOGY:

1. Prepare remaining planning items for Railbus Demonstration.
2. Evaluate project in terms of ridership, cost effectiveness, and potential permanent application in this corridor or other corridors in the County.

END PRODUCTS:

1. Final implementation Plans for Railbus Demonstration, including detailed objectives.
2. Evaluation of project, including specific recommendations.

PROJECT MANAGER:

David R. Fialkoff

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$15,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

D. Other Coordinative Activities

WORK ELEMENT:

2.41 Urban Design Study

OBJECTIVE:

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

PREVIOUS WORK:

The first phase of the urban design study began in October, 1984. Components of that phase are as follows:

1. Initial literature search, however, research will continue as needed throughout the study.
2. The Study Design for the project.
3. The matrix for the evaluation of street quality (to be completed by July, 1985).
4. Mapped data for selected streets (to be completed by July 1985).
5. An audio visual presentation to be used at public meetings (to be completed by July, 1985).
6. Appointment of a committee of design professionals to assist the Planning Department (to be done by July, 1985).

METHODOLOGY:

FY 1986 AND FY 1987

The Urban Design Study is proposed as a three year study ending in October 1987. The following are the components and the degree of completion planned for the 1986 budget period.

1. Each major corridor in Dade County will be evaluated in terms of urban design quality in conjunction with the committee. It is planned that 60+ percent of this effort will be completed in the 1986 budget period with the remainder completed in the 1987 budget period.

2. Each major corridor will be evaluated in terms of potential for change. At least 50% of this effort will be completed in the 1986 budget period.
3. The final report will begin in the 1986 budget period and is proposed to be completed by the end of the 1987 budget period. This study will include all information generated as a result of the study. Specific recommendations for urban design criteria for the corridors of Dade County with methods of implementation will be included in the final report.

END PRODUCTS:

Fiscal Year '86 products include partial completion of the following components:

- A. Street quality evaluations.
- B. Opportunities for improvements evaluations.
- C. Ranking of streets in terms of urban design quality and for potentials for change.

Fiscal Year '87 products will include the completion of the above components plus the completion of a final report and methods of implementation.

PROJECT MANAGER:

John Woodlief

PARTICIPATING AGENCIES:

Dade County Planning Department

FUNDING:

\$40,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

II. TRANSPORTATION PLAN REFINEMENT STUDIES

D. Other Coordinative Activities

WORK ELEMENT:

2.42 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. The Planning Department is not funded by any other element of this UPWP for activities covered in this element.

END PRODUCT:

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

PROJECT MANAGER:

John Woodlief

PARTICIPATING AGENCIES:

Dade County Planning Department

FUNDING:

\$30,000

FY 1986 UNIFIED PLANNING WORK PROGRAM

Detailed Project Descriptions

WORK CATEGORY:

II. PLAN REFINEMENT STUDIES

D. Other Coordinative Activities

WORK ELEMENT:

2.43 DCM Before and After Study

OBJECTIVE:

Measure and evaluate the actual impacts of the Downtown Component of METRORAIL.

PREVIOUS WORK:

Data definition efforts were being undertaken in FY 1984. The sub-consultant selection procedure is scheduled to commence in FY 1985. The survey originally scheduled to be implemented in FY 1984 were delayed in association with the delay of METROMOVER construction.

METHODOLOGY:

1. Finalize sub-consultant for survey data collection.
2. Finalize the accumulation of existing secondary data from various sources.
3. Implement the surveys and counts in January, 1985 including the collection of data on:
 - ° employment
 - ° hotel guests
 - ° shoppers
 - ° passengers using METRORAIL
 - ° traffic and pedestrian movements
 - ° parking demand
4. Review the Cambridge Systematics (CSI) report.

END PRODUCTS:

1. Data files.
2. Evaluation report.

PROJECT MANAGER:

C. William Ockert

PARTICIPATING AGENCIES:

Metro-Dade Transportation Administration

FUNDING:

\$67,000 - Section 6

June, 1985

TABLE 1
FY 1986 UNIFIED PLANNING WORK PROGRAM
PROGRAM FUNDS
(\$000)

SOURCE	
UMTA	
SECTION 8	\$ 675
SECTION 3	575
SECTION 6	67
SUBTOTAL - UMTA	<u>1,317</u>
FHWA	
NEW PL	590
SUBTOTAL - FHWA	<u>590</u>
HPR	155
SUBTOTAL - UMTA/FHWA	<u>\$2,062</u>
LOCAL	
OVERMATCH	325
TOTAL PROGRAM	<u>\$2,387</u>

TABLE 2
 FY 1986 UNIFIED PLANNING WORK PROGRAM
 PROJECT FUNDING BY SOURCE
 (\$000)

	UMTA SEC.8	OTHER	FHWA PL	TOTAL
I. TRANSPORTATION SYSTEM PLANNING				
A. PROGRAM MANAGEMENT/COORDINATION				
1.11 UPWP Development	15		30	45
1.12 UPWP Administration	25		45	70
1.13 MPO Board and Committees Support	40		55	95
1.14 Legislative Assessments	5		5	10
1.15 PL Liaison		30		30
1.16 HPR Liaison		155		155
Subtotal-Prog. Mgmt./Coord.	<u>85</u>	<u>185</u>	<u>135</u>	<u>405</u>
B. DATA SURVEILLANCE				
1.21 Socio-Economic Monitoring	30		60	90
1.22 Highway Surveillance			40	40
1.23 Maintain Transit Data Base	100			100
Subtotal-Data Surveillance	<u>130</u>	<u>0</u>	<u>100</u>	<u>230</u>
C. TRANSPORTATION PLAN				
1.31 Update Long-Range Transportation Plan	5		10	15
1.32 Update Short-Range Transportation Plan	15		15	30
1.33 Maintain Travel Modeling Capabilities	47		50	97
Subtotal-Transportation Plan	<u>67</u>	<u>0</u>	<u>75</u>	<u>142</u>
D. SPECIAL SUPPORT STUDIES				
1.41 Development Impact Assesments			30	30
1.42 Neighborhood Transportation Studies	20		30	50
1.43 Update Civil Rights Report	15			15

	UMTA SEC. 8	OTHER	FHWA PL	TOTAL
1.44 Elderly and Handicapped	40			40
1.45 Analysis of Public Transportation Policies and Strategies	30		40	70
1.46 Comprehensive Bicycle Planning and Coordination	14		31	45
1.47 Refine Parking Policy	10		20	30
Subtotal-Special Support Studies	<u>129</u>	<u>0</u>	<u>151</u>	<u>280</u>
<hr/>				
E. CITIZEN INVOLVEMENT				
1.51 Citizen Involvement	5		10	15
Subtotal-Citizen Involvement	<u>5</u>	<u>0</u>	<u>10</u>	<u>15</u>
<hr/>				
TOTAL-TRANSPORTATION SYSTEMS PLANNING	416	185	471	1,072
<hr/>				
II. TRANSPORTATION PLAN REFINEMENT STUDIES				
A. TRANSIT PLANNING				
2.11 Update Transit Development Program (TDP)	68			68
2.12 Transit Access Needs	15			15
2.13 Transit Route Planning	35	325***		360
2.14 Transit Expansion Transition Plan		500*		500
2.15 Paratransit Planning	91		29	120
Subtotal-Transportation Plan Refinement Studies	<u>209</u>	<u>825</u>	<u>29</u>	<u>1,063</u>
<hr/>				
B. PHASE II TRANSIT ALTERNATIVES ANALYSIS				
2.21 Phase II METROMOVER Alternatives Analysis		75*		75
Subtotal-Phase II Transit Alt. Analysis	<u>0</u>	<u>75</u>	<u>0</u>	<u>75</u>
<hr/>				
C. OTHER CORRIDOR STUDIES				
2.31 North-Central Dade Corridor	10		15	25
2.32 South-Dade Corridor	5		10	15
Subtotal-Phase II Transit Alt. Analysis	<u>15</u>	<u>0</u>	<u>25</u>	<u>40</u>

	UMIA SEC.8	OTHER	FHWA PL	TOTAL
D. OTHER COORDINATIVE ACTIVITIES				
2.41 Urban Design Study	20		20	40
2.42 Review of Transportation Plan, Project Proposals and Policies	15		15	30
2.43 DCM Before and After Study		67**		67
Subtotal-Other Coordinative Activities	35	67	35	137
TOTAL-TRANSPORTATION PLAN REFINEMENT STUDIES	259	976	89	1,315
GRAND TOTAL	675	1,152	560	2,387

* UMIA SECTION 3

** UMIA SECTION 6

*** LOCAL (OVERMATCH)

TABLE 3
 FY 1986 UNIFIED PLANNING WORK PROGRAM
 AGENCY PARTICIPATION
 (\$000)

	MDTA	DCPD	DCPW	OTHER	TOTAL
I. TRANSPORTATION SYSTEM PLANNING					
A. PROGRAM MANAGEMENT/COORDINATION					
1.11 UPWP Development	45				45
1.12 UPWP Administration	70				70
1.13 MPO Board and Committees Support	95				95
1.14 Legislative Assessments	10				10
1.15 PL Liaison				30	30
1.16 HPR Liaison				155	155
Subtotal-Prog. Mgmt./Coord.	220	0	0	185	405
B. DATA SURVEILLANCE					
1.21 Socio-Economic Monitoring		90			90
1.22 Highway Surveillance	10		30		40
1.23 Maintain Transit Data Base	100				100
Subtotal-Data Surveillance	110	90	30	0	230
C. TRANSPORTATION PLAN					
1.31 Update Long-Range Transportation Plan	10	5			15
1.32 Update Short-Range Transportation Plan	25	5			30
1.33 Maintain Travel Modeling Capabilities	97				97
Subtotal-Transportation Plan	132	10	0	0	142
D. SPECIAL SUPPORT STUDIES					
1.41 Development Impact Assesments	10	20			30
1.42 Neighborhood Transportation Studies	10	40			50
1.43 Update Civil Rights Report	15				15

	MDTA	DCPD	DCPW	OTHER	TOTAL
1.44 Elderly and Handicapped	40				40
1.45 Analysis of Public Transportation Policies and Strategies	70				70
1.46 Comprehensive Bicycle Planning and Coordination	45				45
1.47 Refine Parking Policy	30				30
Subtotal-Special Support Studies	220	60	0	0	280
<hr/>					
E. CITIZEN INVOLVEMENT					
1.51 Citizen Involvement	15				15
Subtotal-Citizen Involvement	15	0	0	0	15
<hr/>					
TOTAL-TRANSPORTATION SYSTEMS PLANNING	697	160	30	185	1,072
<hr/>					
II. TRANSPORTATION PLAN REFINEMENT STUDIES					
A. TRANSIT PLANNING					
2.11 Update Transit Development Program (TDP)	68				68
2.12 Transit Access Needs	15				15
2.13 Transit Route Planning	360				360***
2.14 Transit Expansion Transition Plan	500				500*
2.15 Paratransit Planning	120				120
Subtotal-Transportation Plan Refinement Studies	1,063	0	0	0	1,063
<hr/>					
B. PHASE II TRANSIT ALTERNATIVES ANALYSIS					
2.21 Phase II METROMOVER Alternatives Analysis	75				75*
Subtotal-Phase II Transit Alt. Analysis	75	0	0	0	75
<hr/>					
C. OTHER CORRIDOR STUDIES					
2.31 North-Central Dade Corridor	25				25
2.32 South-Dade Corridor	15				15
Subtotal-Phase II Transit Alt. Analysis	40	0	0	0	40

	MDTA	DCPD	DCPW	OTHER	TOTAL
D. OTHER COORDINATIVE ACTIVITIES					
2.41 Urban Design Study		40			40
2.42 Review of Transportation Plan, Project Proposals and Policies		30			30
2.43 DCM Before and After Study	67				67**
Subtotal-Other Coordinative Activities	67	70	0	0	137
TOTAL-TRANSPORTATION PLAN REFINEMENT STUDIES	1,245	70	0	0	1,315
GRAND TOTAL	1,972	230	30	185	2,387

* UMTA Section 3 funds being requested for these projects.

** UMTA Section 6 funds being requested for these projects.

*** LOCAL (Overmatch) funds being requested for these projects.

TABLE 4
PROJECT FUNDING BY AGENCY ALLOCATIONS
(\$000)

	FEDERAL						STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA			FHWA MATCH	OTHER	TOTAL	UMTA MATCH *	FHWA MATCH	OVER MATCH	TOTAL	
	SEC 8	SEC 3	TOTAL	PL	HPR	TOTAL								
1.11 UPWP DEVELOPMENT	12		12	25.5		25.5				3	4.5		7.5	45
1.12 UPWP ADMINISTRATION	20		20	38.25		38.25				5	6.75		11.75	70
1.13 MPO BOARD AND COMMITTEES SUPPORT	32		32	46.75		46.75				8	8.25		16.25	95
1.14 LEGISLATIVE ASSESSMENTS	4		4	4.25		4.25				1	0.75		1.75	10
1.15 PL LIAISON							30*		30					30
1.16 HPR LIAISON								155	155					155
1.21 SOCIO-ECONOMIC MONITORING	24		24	51		51				6	9		15	90
1.22 HIGHWAY SURVEILLANCE				34		34					6		6	40
1.23 MAINTAIN TRANSIT DATA BASE	80		80							20			20	100
1.31 UPDATE LONG-RANGE TRANSPORTATION PLAN	4		4	8.5		8.5				1	1.5		2.5	15
1.32 UPDATE SHORT-RANGE TRANSPORTATION PLAN	12		12	12.75		12.75				3	2.25		5.25	30
1.33 MAINTAIN TRAVEL MODELING CAPABILITIES	37.6		37.6	42.5		42.5				9.4	7.5		16.9	97

	FEDERAL						STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA			FHWA MATCH	OTHER	TOTAL	UMTA MATCH	FHWA MATCH	OVER MATCH	TOTAL	
	SEC 8	SEC 3	TOTAL	PL	HPR	TOTAL								
1.41 DEVELOPMENT IMPACT ASSESSMENTS				25.5		25.5					4.5		4.5	30
1.42 NEIGHBORHOOD TRANSPORTATION STUDIES	16		16	25.5		25.5				4	4.5		8.5	50
1.43 UPDATE CIVIL RIGHTS REPORT	12		12							3			3	15
1.44 ELDERLY AND HANDICAPPED	32		32							8			8	40
1.45 ANALYSIS OF PUBLIC TRANSPORTATION POLICIES & STRATEGIES	24		24	34		34				6	6		12	70
1.46 COMPREHENSIVE BICYCLE PLANNING & COORDINATION	11.2		11.2	26.35		26.35				2.8	4.65		7.45	45
1.47 REFINE PARKING POLICY	8		8	17		17				2	3		5	30
1.51 CITIZEN INV.	4.625		4.625	9.25		9.25				.375	.75		4.5	15
2.11 UPDATE TDP	54.4		54.4							13.6			13.6	68
2.12 TRANSIT ACCESS NEEDS	12		12							3			3	15
2.13 TRANSIT ROUTE PLANNING	28		28							7		325	332	360

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	FEDERAL						STATE			LOCAL				PROJECT TOTAL
	UMTA			FHWA			FHWA MATCH	OTHER	TOTAL	UMTA MATCH	FHWA MATCH	OVER MATCH	TOTAL	
	SEC 8	SEC 3	TOTAL	PL	HPR	TOTAL								
2.14 TRANSIT EXPANSION TRANSITION PLAN		400	400					50			50		50	500
2.15 PARATRANSIT PLANNING	72.8		72.8	24.65		24.65					18.2	4.35	22.55	120
2.21 PHASE II METROMOVER ALTERNATIVES ANALYSIS		60	60					7.5	7.5		7.5		7.5	75
2.31 NORTH-CENTRAL DADE CORRIDOR	8		8	12.75		12.75					2	2.25	4.25	25
2.32 SOUTH DADE CORRIDOR	4		4	8.5		8.5					1	1.5	2.5	15
2.41 URBAN DESIGN STUDY	16		16	17		17					4	3	7	40
2.42 REVIEW OF TRANSPORTATION PLAN, PROJECT PROPOSALS, & POLICIES	12		12	12.75		12.75					3	2.25	5.25	30
2.43 DCM BEFORE & AFTER STUDY			67 (SEC. 6)											67
GRAND TOTAL													2387	

* State FHWA/PL matching funds were disbursed among several projects.

Handwritten notes:
 1. Under 9.85, to be used for each year...
 2. Nothing about cash match will be...
 3. (FDOT... match)
 4. UMTA...
 5. up to...