



**METRO-DADE
TRANSPORTATION
IMPROVEMENT
PROGRAM
1986**

TRANSPORATION IMPROVEMENT PROGRAM
FISCAL YEAR 1986 - 1990

EXECUTIVE SUMMARY

The Transportation Improvement Program (TIP) a major document of the Metropolitan Planning Organization (MPO) for the Miami urbanized area, specifies proposed transportation improvements to be implemented in Dade County over the coming five years. The primary emphasis of the TIP is on the Fiscal Year 1986 annual element. According to federal regulations, projects receiving federal funds during the July 1, 1985 to June 30, 1986 time period are to be drawn from this annual element. In addition, projects not using federal funds, but which are part of the area's program of improvements, are shown in the annual element of the TIP. Projects shown for FY 1987 and beyond, regardless of their funding source, are included as proposed estimates. While it is anticipated that most of these projects will be implemented as programmed, they will be continually evaluated by the MPO as the TIP is updated or amended.

The TIP represents the culmination of a comprehensive and cooperative transportation planning effort aimed at defining priority solutions to the many transportation problems facing the citizens of Dade County.

Included in the TIP are highway, aviation, and transit improvements costing in excess of 1.6 billion. Included are the following categories:

FUNDING SUMMARY - FY 1986 -1990 (\$ Millions)

HIGHWAYS - State Roads:			
Primary	318		
Interstate	233		
Turnpike	69	620	38%
Local Roads:			
Secondary/Revenue	77		
Decade of Progress	21		
Community Development	3	101	6
AVIATION -		285	18
TRANSIT		616	38
TOTAL -----		1,622	100%

Some \$318 million are programmed for the five-year period between FY 1986 and 1990 for State Primary projects. In addition to a major program to renovate and resurface a number of deteriorating state roads and bridges, major capacity improvements are included in this TIP as well.

The Secondary Road Program contains a number of key projects in the County Highway System costing some \$77 million. Aviation improvements involve Miami International, Opa-locka, and Tamiami airports. Transit improvements involve a broad range of public transportation services. Completion of Metromover (Downtown Component of Metrorail) is programmed. Funding for Stage II of the Metromover and the initiation of Stage II of Metrorail is also shown. A number of critical bus improvements and upgrading of various supportive equipment are included. Lastly, various projects involving the provision of minibuses and lift equipped vehicles are also described.

Continuing improvement to Dade County's transportation system is essential to meeting the mobility needs of a growing metropolitan county depending on a high level of transportation access and circulation. The MPO, in its role as coordinating local and state transportation plans and programs, will continue to assess critical transportation needs and, accordingly, recommend priorities considered to be essential for a healthy economy.

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	2
SUMMARY	6
FUND SOURCE LEGEND AND ABBREVIATIONS	7
PRIMARY ROADS	9
INTERSTATE HIGHWAYS	36
TURNPIKE	40
SECONDARY ROADS	42
REVENUE BONDS	52
DECADE OF PROGRESS ARTERIAL ROADS	55
COMMUNITY DEVELOPMENT	64
AIRPORT IMPROVEMENTS	70
MULTIMODAL TRANSIT SYSTEM	79
INDEX	93

Publication of this document was financed in part by appropriations from the United States Department of Transportation, Urban Mass Transportation Administration, and the Federal Highway Administration, as well as the Florida Department of Transportation and Metropolitan Dade County, Florida.

METROPOLITAN PLANNING ORGANIZATION
FOR MIAMI URBANIZED AREA
TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEAR 1986

PURPOSE This document has been prepared in fulfillment of the requirements of the U.S. Department of Transportation, which provides that as a condition to receive federal funding, each urbanized area will have a continuing planning process that results in plans and programs consistent with the comprehensively planned development of the urbanized area. This document programs transportation projects which serve that purpose. The priorities established by this document express the policy decision of the Metropolitan Planning Organization (MPO) as to the order in which transportation improvements will be advanced during the program period. The document also fulfills federal requirements recommended from the area's adopted transportation plan "Long Range Element" for inclusion in the program.

COMPREHENSIVE DEVELOPMENT MASTER PLAN The fiscal year 1986 Transportation Improvement Program (TIP), as set forth in this document, is consistent with the Comprehensive Development Master Plan for Dade County, adopted by Ordinance 75-22, dated March 31, 1975, which provides that its policy, with respect to transportation, is to "provide access to employment and the facilities and services of the entire metropolitan area; plan for mobility, opportunity, variety, energy conservation and minimum travel times and costs, safety, comfort and convenience while traveling; and provide for efficiency, economy and a balanced, integrated transportation system within Dade County

without detracting from the quality of life of the community." The goals set forth in support of that policy are:

- Public or mass transportation should be given top priority as a positive tool to support and improve the viability of the county and the region.
- Provide a system of transportation facilities which will anticipate the need for the movement of people and storage of goods and vehicles.
- Transportation facilities should be planned and designed to conserve energy and other natural resources and existing man-made facilities and to reduce the total need for new public investment.
- Development within a reasonable radius of rapid transit terminals should be considered as having countywide goals.

TRANSPORTATION PLAN Projects from the area's adopted transportation plan have been included for advancement during this program period.

A number of major projects are included: Phase II of the Metromover project, interstate highway projects, arterial street improvements, aviation facilities and additional bus transit and paratransit improvements. In addition, activities to advance the development of two key projects are included. These projects are Stage II of Metrorail and Phase II of Metromover.

MPO for Miami Urbanized Area
TIP FY 1986

The recommended improvement priorities of the adopted Long Range Element provides a useful guide in preparing portions of this document as the staging guide presents the logical and systematically phased development of the area's transportation network and services to the year 2005.

A variety of Transportation System Management projects are proposed to be continued or expanded during FY 1986. Examples of these are the special transportation service for the elderly and handicapped, and the Interstate 95 High Occupancy Vehicles (HOV) reserved lane project. Additionally, the Metro-Dade Secondary Road Program contains projects that are supportive of the areawide TSM effort. These include traffic signalization improvements responsive to variations in traffic flow, improvements to intersection geometrics, lighting safety projects, and other related projects which provide for greater safety and better management of traffic flow. It should also be highlighted that in the area of paratransit, a new impetus is being given to the participation of the private sector in the provision of public transportation as a part of the short range strategies included in this TIP. Projects specifying the purchase of vehicles for leasing to private operators have been programmed for FY 1986.

A major effort to update the area transportation plan was completed during FY 1985 and the plan documents scheduled for approval in June of 1985. Once the major update is approved, the annual updating cycle will follow on a regular basis. Transportation service policy objectives guiding the preparation of the updated plan and issues such as service efficiency, quality and effectiveness, service equity, and the continued development of a balanced system have been thoroughly considered in developing the various proposals for future projects. TSM projects will be included in the preparation of project proposals in keeping with the MPO's

commitment to fully develop TSM as a policy and investment strategy.

The year 2005 Transportation Plan continues to stress the achievement of long-standing and fundamental planning objectives. In addition to land use considerations, the plan addresses related issues involving the quality of the environment and the conservation of limited natural resources. These concerns are particularly important as revisions to the Comprehensive Development Master Plan (CDM) are considered.

AIR QUALITY IMPLICATIONS OF THE TIP In 1979, Dade County was designated by the U.S. Environmental Protection Agency (EPA) as a "nonattainment" area for the national ozone standard. Nonattainment area had to demonstrate attainment of national air quality standards by the end of 1982 or otherwise formally request a five-year extension. A Transportation Control Plan for Ozone was adopted by the local MPO in 1979 as part of the Florida State Implementation Plan (SIP) and has been periodically updated. A plan revision was adopted by the MPO in January, 1983. The plan describes various transportation measures, such as Metrorail, park-n-ride transit lots, carpool lanes, and computerized traffic control system, which, when implemented, will help reduce ozone levels.

Recently, the EPA notified the Governor that the SIP for Dade County was substantially inadequate to achieve the primary national ambient air quality standard for carbon monoxide. The EPA asked the State of Florida to revise the SIP.

MPO for Miami Urbanized Area
TIP FY 1986

The State of Florida has agreed to prepare a revision to the current SIP and efforts are underway to complete this work during FY 1986.

The Metro-Dade Transportation Administration and Dade County Department of Environmental Resources Management will continue to work closely with the Florida Department of Environmental Regulation in ensuring local compliance with national air quality standards.

EFFICIENT ENERGY USAGE In accordance with national and regional urban transportation development goals, energy efficiency is an important policy objective within Metropolitan Dade County's Transportation Improvement Program. The County Government is engaged in a continuing effort to improve transportation facilities and services while maximizing energy usage efficiency. As a result, measures to improve public transportation, encourage high occupancy utilization of all vehicles, and improve the flow of traffic have been implemented. Examples of these measures include the dedication of exclusive bus and carpool lanes on I-95, improvements to the quality and level of public transit, installation of park-n-ride and preferential carpool parking lots, and improvements in traffic signalization and the capacity of roadways to facilitate vehicular flow. With the full opening of the Metrorail in the spring of 1985, energy conservation efforts will be given a major boost.

PROGRAM FUNDING The TIP categorizes all transportation improvements and identifies priorities which establish multiyear fiscal programming. The annual element represents the list of projects which are proposed for implementation during the program year and is viewed as the "Capital Improvements" budget for transportation facilities, as

well as a partial operating budget with respect to utilization of UMTA Section 9 monies. All amounts in this document represent thousands of dollars.

This TIP document identifies all sources of funding which are known or are anticipated to be available during the program period. Program costs are consistent with current estimates of available revenue. Priorities in the program are identified by relative staging of projects for implementation during a particular year, consistent with funding availability and production constraints.

SUMMARY OF PROJECTS The projects in the FY 1986 TIP, which cover the current fiscal year and four subsequent years, have been grouped in eight major categories, with an order of priority established within each category insofar as possible or applicable. Essentially, the groupings are established by virtue of funding source and implementing responsibility. The major categories are:

- Primary Roads
- Interstate Highways
- Turnpike
- Secondary Roads
- Decade of Progress Arterial Roads
- Community Development
- Airport Improvements
- Multimodal Transit Improvements

A consolidated summary of all categories by program year is presented in tabular form on page 6. The table shows the amount by category and the percentage which it represents of the total transportation program. The thrust of Dade County's

MPO for Miami Urbanized Area
TIP FY 1986

effort to achieve a balanced transportation system, to meet energy conservation needs, to improve air quality, as well as to preserve or enhance the physical and social environment of the community, is evident when it is noted that approximately 13% of the FY 1986 program budget is devoted to transit projects. It should be noted that Primary, Interstate and Turnpike categories, combined, constitute about 47% of the approximate 300 million in the FY 1986 program budget.

PRIORITIES

Recommended phasing for highway capacity improvements in the long range highway plan are classified into four priority categories:

- ° Priority 1--Priority improvements to be constructed and opened to traffic by the Year 1990. Includes those projects needed to respond to existing traffic problems. Funds for most of these improvements are already programmed in the Transportation Improvement Program.
- ° Priority 2--Improvements where project development efforts should commence in the next five years, with construction of the project projected to take place between the year 1990 and 1995. Includes projects required to respond to traffic problems projected for the Year 1990 and shortly thereafter.
- ° Priority 3--Improvements to be made between the year 1995 and 2000. In many cases, project development activities would need to commence in the 1990 to 1995 time-frame due to the amount of lead time required to plan and implement a project. Includes projects responding to problems that will emerge after the year 1990.

- ° Priority 4--Improvements to be made in the latter part of the plan horizon. Includes projects responding to long-range traffic needs.

Because of the uncertainties of funding availability and the time required to develop a detailed project, the time-frames indicated in the above priority listing should be considered as guidelines for project implementation.

AMENDMENTS The annual element may be amended at anytime during the program year by the same procedures required for developing and adopting this original program. The amendments(s) may be for the purpose of deleting projects, adding projects, revising the funding of a project, or modifying the scope of limits of a project. Information on the amendment process is available from the MPO Secretariat upon request.

**TRANSPORTATION IMPROVEMENT PROGRAM
FOR DADE COUNTY
SUMMARY**

PROGRAM CATEGORIES	PROPOSED		TENTATIVE PROGRAM			
	%	1985-86	86 - 87	87 - 88	88 - 89	89 - 90
PRIMARY ROADS	29	86,035	74,443	73,533	50,380	33,449
INTERSTATE	15	44,646	21,265	59,639	51,622	55,263
TURNPIKE	3	10,136	18,417	6,015	5,161	29,865
SECONDARY ROADS	6	17,050	12,200	11,900	13,000	11,800
REVENUE BOND	4	10,781				
DECADE OF PROGRESS	1	4,010				
SIGNALIZATION IMPROVEMENTS	4	12,885	3,687			
ARTERIAL ROAD IMPROVEMENTS						
COMMUNITY DEVELOPMENT	1	2,983				
AIRPORT DEVELOPMENT	24	71,500	64,400	70,800	32,500	46,000
MULTIMODAL TRANSIT SYSTEM	13	40,295	82,851	117,933	135,392	243,220
TOTALS	100%	300,321	277,263	339,820	288,055	419,597

Money amounts in thousands of dollars

FUND SOURCE LEGEND

<u>CODE</u>	<u>NAME</u>	<u>SOURCE OF FUNDS</u>	<u>PARTICIPATION</u>
BRP	State Bridge Rehabilitation Program	State	100%
BRT	State Bridge Replacement Program	Federal/State	80-20
BRTD	Federal Bridge Replacement - Discretionary	Federal/State	80-20
BRTZ	Federal Bridge Replacement - Off System	Federal/State	80-20
CD	Community Development	Federal/County	80-20
CP	Consolidated Primary	Federal/State	75-25
GOB	County Bond Funds	County	100
DS	State Funds for General Construction Projects	State	100
DTO	State Funds for Traffic Operation's Improvements	State	100
MW32	Federal Aid Urban Districwide (Urban Areas less than 50,000)	Federal/State	75-25
MMI6	Federal Aid Urban Restricted (Miami Urbanized Area)	Federal/State	75-25
FAA	Federal Aid Funds - Airport Improvements	Federal	50-90
HRE	High Hazard Roadside Obstacle Elimination (Old HHS & ROS)	Federal/State	90-10
I	Interstate (Cost to Complete Funds)	Federal/State	90-10
IR	Interstate Rehabilitation (4R Funds)	Federal/State	90-10
LF or L	Local Funds	Local	100
PR	Periodic Resurfacing	State	100

Fund Source Legend

<u>CODE</u>	<u>NAME</u>	<u>SOURCE OF FUNDS</u>	<u>PARTICIPATION</u>
DPE	Primary Funds for Preliminary Engineering	State	100
RRP	Rail Highway Crossing	Federal/State	90-100
RB	County Revenue Bonds	County	100
SM	State Mass Transit Funds (Restricted to Aviation Uses)	State	12.5-25%
S	State Secondary Funds	State	100
PKYI	Turnpike Improvement Funds	State	100
PKYR	Turnpike Maintenance Reserve	State	100
UMTA 3	Urban Mass Transit Administration Section 3 (Discretionary)	Federal/County/State	80-10-10
UMTA 6	Urban Mass Transit Administration - Research & Development	Federal	Varies
UMTA 9	Urban Mass Transit Administration - Block Grant (Formula)	Federal/County/State	75-12.5-12.5
UMTA16B2	Urban Mass Transit Administration - Section 16B2 (Disadvantaged)	Federal/State	75-25
ACI4	Advance Construction Tag Revenue	Federal/State	85-15
<u>PHASE DESCRIPTION</u>			
CST	Construction		
CEI	Construction Engineering Inspection		
PLN	Planning		
PE	Preliminary Engineering		
RW	Right of Way		

PRIMARY
INTERSTATE
TURNPIKE

TRANSPORTATION IMPROVEMENT PROGRAM

PRIMARY, INTERSTATE, TURNPIKE
TRANSPORTATION IMPROVEMENT PROGRAM

THE PRIMARY SYSTEM for Dade County can be generally broken down into five major construction categories; major highway projects, bridge, safety/operational improvements, resurfacing, bridge improvements, railroad crossing and signal improvements. This document contains additional new projects, as well as increased support for those contained in previous TIPs. Individual projects often span several years to complete and are shown in detail in the project task description. For this year's TIP, major projects include the following:

MAJOR HIGHWAY PROJECTS

This year's TIP lists many major projects for planning, preliminary engineering and construction during the following 5-year period. A few of particular mention include:

	<u>Dollars in the Millions</u>
Downtown Distributor	
Bifurcated Ramps -----	\$28.9
Gratigny Parkway -----	46.7
HOV Lanes/I-95 -----	72.4
Palmetto Expressway -----	16.9
Sunny Isles Boulevard -----	8.2
SR 11A/Mac Arthur Cswy. ---	10.6
US-1/Biscayne Blvd. -----	16.8
SW 8 St/Tamiami Trail -----	17.1
NW 27 Avenue -----	11.4
NW 42 Ave./SR 112	
Airport Ramps -----	23.4
NW 72 Avenue -----	6.2
Kendall Drive -----	12.8
Opa-Locka Blvd. -----	4.0

BRIDGE

The Bridge Program over the next five years totals \$14.5 million for bridge repair or replacement. The FY 1986 program allocates \$6.1 million; FY 1987, \$2.1 million; FY 1988 \$2.3 million; FY 1989 \$4.0 million. Port of Miami Bridge over the Intracoastal Waterway is programmed for 1985-87 at a cost of \$33.8 million.

SAFETY OPERATIONAL IMPROVEMENTS

The Safety Operational Improvements will provide for lighting, signalization, intersection improvements, overhead signs, guardrail, traffic attenuators and various other safety related improvements. The 5-year program allocates \$17.5 million for preliminary engineering and construction. Fiscal Year 1986 program calls for \$6.8 million; FY 1987, \$3.4 million; FY 1988, \$2.8 million, and FY 1989, \$0.9 million.

RESURFACING

The Resurfacing Program allocates \$11.3 million in the 5 years.

METRORAIL ACCESS

The I-95/HOV Connector to the Allapattah and Earlington Heights stations, including parking garages, allocates \$20.8 million in FY 1985-86.

RAILROAD CROSSING IMPROVEMENTS

Numerous countywide railroad crossings are programmed for improvement at a cost of \$3.9 million in the 5-year program.

INTERSTATE projects, programmed for preliminary engineering and construction during the 5-year period, consist of the following:

	<u>Dollars in the Millions</u>
SR 9/I-95 -----	\$230.5
SR 93/I-75 -----	Under Const.

TURNPIKE improvements, in the amount of \$69.4 million are also programmed for the Homestead Extension of Florida's turnpike.

ENVIRONMENTAL SURVEILLANCE

As agreed to with the Department of Environmental Regulations a column has been added to the project information called Environmental Surveillance (ENV-SUR) Major projects to be included in this requirement include new structures, road widenings, and new road construction on new alignment. Projects such as resurfacing, traffic signals, minor intersection improvements and safety improvements do not require coding. Minor projects have no potential impact on the environment. Codes included are:
 F = Flood plain and flood prone areas
 W = Wetlands
 S = Surface Water
 G = Ground Water
 C = Critical habitat's
 E = Evaluated and no comment
 A = Advanced notification process begun

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUND CODE	PRI	ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90			
1		<u>N. E. 163 STREET - SUNNY ISLE CAUSEWAY S.R. 826</u>									
	6113305	from East of Intracoastal Waterway to East of Collins Avenue/A1A	Add lanes & reconstruct (8LD) Contract IV (westbound)	CST 8,137 CEI 74					MM16	1	A
2		<u>S.R. 5/U.S. 1/BISCAYNE BOULEVARD/ SOUTH DIXIE HIGHWAY</u>									
	6112858	from Ponce de Leon Boulevard to Douglas Road	Reconstruction and realignment	ROW 55 ROW 50					DPE DS DTO DPE		A
	6113595	S.R. 5/U.S. 1/South Dixie Highway from 1200' N of S. W. 230 Street to 3000' S of C-103N	Safety & traffic operation related improvements						CST 1,938 CEI 272		DPE CP CP
	6113370	S.R. 5/U.S. 1/Biscayne Blvd. From N.E. 123 Street to N.E. 135 Street	Multi-Lane New Construction						CST 4,432 CEI 40		CP 2 A
	6113373	S.R. 5/U.S. 1/Biscayne Boulevard from N.E. 135 Street to N.E. 151 Street	Add Lanes and reconstruct (8LD)						ROW 371 ROW 1,900		DPE CP CP 2 CP A
	6113605	S.R. 5/U.S. 1/Biscayne Boulevard from N.E. 151 Street to N.E. 163 Street	Add Lanes and reconstruct								CST 4,450 CEI 41 ROW 6,671 CP 2 A
3		<u>DOWNTOWN BUSINESS DISTRICT</u>									
	6113279	S.R. 5/U.S. 1/Brickell Bridge over Miami River Bridge #870001	Replace bridge						PE 710		CST 9,763 CEI 133 BRT 2 A

ITEM - MAP NO.

WPA - Work Program Administration

PRI - Priority

ENV-SUR - Environmental Surveillance

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUND CODE	PRI	ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90			
	6113307	S.R. 970/Downtown Distributor from East of I-95 to Biscayne Boulevard	Bifurcated alignment and reconstruction (4L)	CST 25,615 CEI 235					IR	1	A
	6113375	S.R. 970/Downtown Distributor Off of I-95 from Miami Avenue to S. E. 1 Avenue	Construction of bifurcated ramps	ROW 2,240					IR	1	A
	6113376	S.R. 970/Downtown Distributor off of I-95 (Bifurcated Ramps)	Surface streets improvements	CST 1,901 CEI 23					LF		A
4		<u>S.R. 90/U.S. 41/SOUTH 7 & 8 STREET</u>									
	6113188	S.W. 8 Street from S.W. 42 Avenue to S.W. 27 Avenue	New Road Construction	CST 4,489 CEI 41					CP	1	A
	6113555	S.R. 90/U.S. 41/Tamiami Trail from S.W. 127 Avenue to S.R. 826/Palmetto Expressway	Intersections improv., turning lanes, accel./ decel.lanes, bike path, etc.		PE 75 PE 200		CST 6,429 CEI 56		DPE DS CP CP	2	A
	6112815	S. W. 8 Street from Palmetto Expressway (S.R. 826) to S. W. 57 Avenue	New Road Construction	CST 7,434 CEI 67					CP	1	A
	6113187	S. W. 8 Street from S. W. 57 Avenue to S. W. 42 Avenue	New Road Construction	CST 5,014 CEI 46					CP	1	A
5		<u>PALMETTO EXPRESSWAY - S.R. 826</u>									
	6113289	S.R. 826/Palmetto Expressway Interchange at N.W. 25 Street	Interchange		ROW 3,845		CST 3,091 CEI 27		CP	1	A

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					86 - 87	87 - 88	88 - 89	89 - 90			
	6113290	S.R. 826/Palmetto Expressway from N. W. 103 Street to South of N. W. 122 Street	Multilane reconstruction (8LD)	PE 75	ROW 20 ROW 706 ROW 135	CST 4,401 CEI 40			DS 1 CP CP DPE	1	A
	6113604	S.R. 826/Palmetto Expressway from South of N. W. 122 Street to N. W. 158 Street	Add lanes (8LD)		CST 4,320 CEI 44			CP	1	A	
	6113684	S.R. 826/Palmetto Expressway from Kendall Drive to Miller Road	Add lanes		PE 84 PE 121			DPE DS	2	A	
6		<u>GRATIGNY PARKWAY/S.R. 924</u>									
	6112985	from N. W. 67 Avenue to N. W. 57 Avenue	Multilane new construction	ROW 800	CST 8,510 CEI 851			LF	2	A	
	6113002	from N. W. 57 Avenue to N. W. 27 Avenue	Multilane new construction	ROW 500 ROW 3,538 ROW 260	ROW 3,538	CST 22,206 CEI 202		DPE LF LF	2	A	
	6113405	Gratigny Parkway from East of S.R. 826/Palmetto Expressway to East of N. W. 67 Avenue	New construction	ROW 30 ROW 950		CST 5,100 CEI 46		DPE DS DS DPE	2	A	
7		<u>AIRPORT EXPRESSWAY</u> S.R. 112									
	6113090	from Miami International Airport to N. W. 36 Street	New construction, connector from S.R. 112 to the Airport (northbound only)			ROW 426 ROW 4,100		CST 11,506 CEI 82	DPE MMI6 DPE	1	A

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					86 - 87	87 - 88	88 - 89	89 - 90			
	6112975	from Miami International Airport to N.W. 36 Street	New construction, connector from S.R. 112 to the Airport (Southbound Only)			CST 8,591 CEI 79			MMI6	1	A
8		<u>N. W. 36 STREET</u> (S.R. 948)									
	6113235	from Palmetto Expressway (S.R. 826) to N. W. 57 Avenue	Add lanes and road reconstruction (6LD)			ROW 183 ROW 1,000			DPE MMI6	1	A
9		<u>KENDALL DRIVE - S. W. 88 STREET</u> S.R. 94									
	6113213	from S. W. 147 Avenue to S. W. 127 Avenue	Add lanes - Road Reconst. (6LD)	ROW 71		CST 5,142 CEI 46			CP CP CP DPE	1	A
	6113607	from Krome Avenue to S. W. 147 Avenue	Road Reconstruction	ROW 80			CST 4,855 CEI 44		CP		A
10	6113594	<u>S.R. 874/DON SHULA EXPRESSWAY</u> <u>AT KENDALL DRIVE EXIT</u>	New Road Construction			ROW 315 ROW 31		CST 2,326 CEI 326	DS DPE	1	A
11		<u>S.R. 9/N.W. 27 AVENUE</u>									
	6113173	from N. W. 27 Avenue/S.R. 9 Bridge BR #870097	Replace moveable span bridge				CST 9,997 CST 1,000 CEI 100		BRP DS DPE	2	A
	6113230	S.R. 9/N. W. 27 Avenue from N. W. 11 Street to N. W. 43 Street	Add lanes and reconstruct					PE 300	DS	2	A

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					86 - 87	87 - 88	88 - 89	89 - 90			
12		<u>PORT OF MIAMI BRIDGE</u>									
	6122821	Over Intracoastal Waterway between U.S. 1 and Dodge Island	New 6 lanes high-level bridge Contract II	R/R 100	CST 20,551 CST 7,522 CEI 187 CEI 69				BRTD LF 1 BRTD LF		A
	6123072	Port of Miami Bridge from S.R. 5 to Dodge Island	Construct high-level bridge	CST 3,871 CEI 25 CST 1,628					BRTD BRTD 1 LF		A
13		<u>WEST FLAGLER STREET</u> S.R. 968									
	6113598	from 87 Avenue to S.R. 826 /77th Avenue	Add thru lanes and traffic operation improvements				CST 1,623 CEI 227		MMI6 1		E
14		<u>S.R. A1A/U.S. 41/MAC ARTHUR CAUSEWAY</u>									
	6113038	from East of Watson Island to West End E. Channel Bridge	Road Reconstruction		PE 150		CST 9,713 CEI 88		DPE MMI6 DPE		A
	6113652	Over Intracoastal Waterway Bridge #870076	Reconstruction		PE 20	PE 50	PE 300	PE 300	BRT		A
15		<u>N. W. 72 AVENUE</u> S.R. 969									
	6113551	from N. W. 7 Street to N. W. 12 Street	New construction 6 lane bridge and approaches	PE 10	CST 6,059 CET 606				DS DPE 1		E

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ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUND CODE	PRI	ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90			
	6113700	S.R. 969/N.W. 72 Avenue from W. Flagler Street to N.W. 74 Street	Add thru lanes					PE 12%		MMI6 2 E	
16		<u>S.R. 916/OPA-LOCKA BOULEVARD</u>									
	6113283	from Sinbad Avenue to East of N.W. 27 Avenue	New Road construction	ROW 900 ROW 252		CST 2,632 CEI 264				DS 1 A DPE	
17		<u>SR 986/SUNSET DRIVE</u>									
	6113614	From S.W. 127 Avenue to 300' West of S.W. 118 Avenue	New Road Construction	CST 1,617 CEI 226						MMI6 1 A	
	6123157	From 300' West of SW 118 Avenue to SW 107 Avenue	Add lanes (4 LD.)	CST 1,756 CEI 247						MMI6 1 A	
		MISCELLANEOUS MAJOR ROAD PROJECTS									
18	6113691	S.R. 959/S.W. 57 Avenue from U.S. 1 to S.W. 8 Street	Add thru lanes				PE 75			DPE 2 E	
19	6113236	S.R. 976/S.W. 40 Street from H.E.F.T. (S.R. 821) to S.W. 87 Avenue (S.R. 973)	Add lanes and reconstruct	PE 190	PE 300	PE 228	PE 381			DS 2 E DPE	
20	6113701	S.R. 932/N.W. 103 Street from N.W. 57 Avenue to N.W. 32 Avenue	Add thru lanes				PE 100			MMI6 2 E	

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE & ENV SUR
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113508	S.R. 826/N.W. 167 Street from N.W. 2 Avenue to N. Miami Avenue	Safety & Intersection related improvements	CST 163 CEI 33					HRE
	6113409	S.R. 5/U.S. 1 Intersections with S. W. 112 Street, S. W. 136 Street and S. W. 200 Street	Traffic operations improvements (turn lanes)	CST 244 CEI 45					DTO DPE
	6113592	S.R. 112/Airport Expressway Le Jeune Road Interchange	Barrier Wall			CST 171 CEI 35			DTO DPE
	6112937	Metro/Dade Signalization (Construction Contracts)	Traffic signal update	CST 2,650 CEI 265					DS DPE
	6112957	Metro/Dade Signalization (Construction Contracts)	Traffic signal update		CST 1,122 CEI 144				DTO DPE
	6112968	Metro/Dade Signalization (Construction Contracts)	Traffic signal update			CST 1,976 CEI 253			DTO DPE
	6113402	S.R. 973/S. W. 87 Avenue Turn Lane from S. W. 127 Street to U.S. 1	Add turn lane				CST 417 CEI 75 R/R 134		DTO E DPE DTO
	6113410	S.R. 973/S. W. 87 Avenue from S. W. 96 Street to S. W. 88 Street/Kendall Drive	Add turn lane				CST 441 CEI 79		DTU E DPE
	6112848	S.R. 5/U.S. 1/S. Dixie Highway from Brooker St./S. W. 38 Avenue to S. W. 26 Road	Replace/upgrade median lighting system	CST 311 CEI 56					DTO DPE
	6112971	S.R. 5/U.S. 1 Intersection with Quail Roost Drive	Intersection improvements	CST 106 CEI 21					HRE

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE & ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113287	S.R. 5/U.S. 1/S. Dixie Highway Intersection with S. W. 168 Street/ Richmond Drive	Intersection improvement	CST 106 CEI 21					HRE
	6112956	S.R. 5/U.S. 1/S. Dixie Highway Intersection with Colonial Drive/ S. W. 160 & 164 Streets	Intersection improvement	CST 303 CEI 54					HRE
	6113212	S.R. 826/Palmetto Expressway/Aux.Lane from S. W. 56 Street to S. W. 40 Street	Add turn lane				PE 44		DPE A
	6113597	S.R. 826/Palmetto Expressway Ramps at Flagler Street, Coral Way, and Bird Road	Ramp improvements			PE 5		CST 268 CEI 48	DPE A DPE
	6113014	S.R. 1A/Collins Avenue from 59 Street to 63 Street	Road Reconstruction	CST 145 CEI 29					DPE A DPE
	6113506	S.R. 9/N. W. 27 Avenue 1/2 Mile from S.R. 826 to S.R. 826	Overhead signing		CST 109 CEI 22				DPE DPE
	6113629	S.R. 9 Connector from Golden Glades Park/Ride to Southbound S.R. 9	New road construction and other related improvements	PE 50				CST 254 CEI 50	DPE E DPE DPE
	6113616	S.R. 907 from MacArthur Causeway to Alton Road	Safety project. Intersection, signing & signalization improvements	CST 36 CEI 7					HRE A
	6113617	Biscayne Boulevard/S.R. 5/U.S. 1 at N. E. 6 Avenue	Safety project. Intersection, signing improvements & provide traffic separators	CST 99 CEI 20					HRE

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113619	S.R. 7/N. W. 2 Avenue at Ives Dairy Road	Safety project. Signalization, pavement markings, & improve turn lanes storage capacity	ROW 105	CST 226 CEI 40				HRE
	6113620	S.R. 7/N. W. 2 Avenue at Miami Gardens Drive	Safety project. Signalization, pavement markings & improve turn lanes storage capacity	ROW 150	CST 209 CEI 41				HRE
		<u>RESURFACING PROJECTS</u>							
	6113613	S.R. 9336/Ingraham Highway from S. W. 352 Street to S.R. 5/U.S. 1	Resurface/repave		PE 10 CST 223 CEI 45				DPE PR DPE
	6113355	S.R. 997/Krome Avenue from Flagler Avenue (Homestead) to Avocado Drive	Resurface/repave	CST 152 CEI 31					CP
	6113589	S.R. 976/Bird Road from Le Jeune Road to S.R. 1/U.S. 1	Resurface/repave		CST 190 CEI 38				PR DPE
	6113497	S.R. 9336/Ingraham Highway from Canal C-111 to S. W. 352 Street	Resurface/repave		CST 292 CEI 52				PR DPE
	6113668	S.R. 997/Krome Avenue from S.R. 5 to Palm Drive	Resurface/repave	PE 20	CST 94 CEI 19				DPE PR DPE
	6113670	S.R. 5/U.S. 1/S. Dixie Highway from BR #17 to BR #10 Southbound Only	Resurface/repave		PE 24		CST 593 CEI 107		DPE PR DPE

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113669	S.R. 922/N. W. 123 Street from U.S. 1 to Bridge #875101	Resurface/repave		PE 20	CST 153 CEI 30			DPE PR DPE
	6113675	S.R. 934/N. W. 81/82 Street from beginning of Bridge to Rue Versailles (Westbound Only)	Resurface/repave		PE 20		CST 214 CEI 40		DPE PR DPE
	6113677	S.R. 860/N. W. 183 Street from N. W. 2 Avenue to N. E. 2 Avenue	Resurface/repave			PE 20	CST 131 CEI 25		DPE PR DPE
	6113678	S.R. 994/Quail Roost Drive from Beginning of Divided Section to U.S. 1	Resurface/repave		PE 20		CST 202 CEI 34		DPE PR DPE
	6113680	S.R. 994/Quail Roost Drive from S. W. 134 Avenue to S. W. 113 Avenue	Resurface/repave		PE 20		CST 454 CEI 66		DPE PR DPE
	6113719	S.R. 854/Ives Dairy Road from N. E. 16 Avenue to I-95	Resurface/repave	PE 30	CST 110 CEI 20				HRE
	6113665	S.R. 959/S. W. 57 Avenue from U.S. 1 to Coral Way	Resurface/repave		PE 20	CST 428 CEI 78			DPE PR DPE
	6113384	S.R. 94/Kendall Drive from Krome Avenue to S. W. 152 Avenue	Resurface/repave	PE 20	CST 490 CEI 88				DPE CP CP
	6113671	S.R. 986/S. W. 72 Street from S. W. 62 Avenue to S. W. 57 Avenue	Resurface/repave		PE 20	CST 94 CEI 19			DPE PR DPE
	6113674	S.R. 5/U.S. 1/S. Dixie Highway from BR #10 over C-103 to End Concrete Pavement (Southbound Only)	Resurface/repave		PE 20		CST 258 CEI 47		DPE PR DPE

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113711	S.R. 976/S. W. 40 Street from Ponce de Leon Boulevard to U.S. 1	Resurface/repave					PE 10	MMI6
	6113667	S.R. 968/W. Flagler St. from N. W. 24 Court to N. W. 15 Avenue	Resurface/repave		PE 23	CST 517 CEI 93			DPE PR DPE
	6113666	S.R. 948/N. W. 36 Street from N. W. 37 Avenue to N. W. 18 Avenue	Resurface/repave		PE 25	CST 662 CEI 93			DPE PR DPE
	6113501	S.R. 934/71 Street/Normandy Drive from Rue Versailles to AlA/Collins Avenue	Resurface/repave			CST 108 CEI 22 UTL 9			PR DPE LF
	6113586	S.R. 955/N. W. 57 Avenue from 103 Street to N. W. 138 Street	Resurface/repave		CST 400 CEI 69				PR DPE
	6113502	S.R. 907/Alton Road from Arthur Godfrey Road to S.R. AlA/Collins Avenue	Resurface/repave			CST 1,100 CEI 94 UTL 12			PR DPE LF
	6113351	S.R. AlA/Collins Avenue from 59 Street to 44 Street	Resurface/repave		CST 450 CEI 89 UTL 49				PR DPE LF
	6113673	S.R. AlA/5 Street from Bridge #870077 to 8 Street	Resurface/repave		PE 20		CST 267 CEI 48		DPE PR DPE
	6113676	S.R. AlA/Collins Avenue from 79 Street (Northbound only) to Harbor Way	Resurface/repave		PE 210		CST 605 CEI 93		DPE PR DPE
	6113390	S.R. 90/S.W. 8 Street from Collier County Line to 3.9 Mi. East of County Line	Resurface/repave	PE 23	CST 786 CEI 110				DPE CP CP

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
					86 - 87	87 - 88	88 - 89	89 - 90	
		<u>RAILROAD CROSSING IMPROVEMENTS</u>							
	6113557	Railroad Crossing #631055E S.R. 968/Flagler Street at S.W. 71 Avenue	Railroad Signal	CST 65					RRP
	6113583	Railroad Crossing #628355P S.R. 944/N. W. 54 Street at N. W. 37 Avenue	Railroad crossing	CST 128					PR
	6113558	Railroad Crossing #628343V N.W. 62 Street at N.W. 37 Avenue	Railroad Signal	CST 100					RRP
	6113561	Railroad Crossing #631070G S.R. 976/Bird Road/S.W. 40 Street at S.W. 72 Avenue	Railroad Signal	CST 20					RRP
	6113686	S.R. 94/Kendall Drive at S. W. 98 Avenue Crossing #631081U	Railroad crossing	CST 91					PR
	6113565	S.R. 986/S. W. 72 Street at S. W. 72 Avenue Crossing #631079T	Railroad crossing	CST 95					DTO
	6113688	S.R. 976/S. W. 40 Street at S. W. 72 Avenue Crossing #631070G	Railroad crossing			CST 117			PR
	6113693	S.R. 968/W. Flagler Street at W. 69 Avenue Crossing #272791P	Railroad crossing					CST 52	PR
	6123070	S.W. 8 Street at S. W. 69 Avenue Crossing #272853K	Railroad Signal	CST 50					RRP

**PRIMARY PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
					86 - 87	87 - 88	88 - 89	89 - 90	
	6113685	S.R. 9/N. W. 27 Avenue at N. W. 73 Street Crossing #272717K	Railroad crossing			CST 86			PR
	6113690	S.R. 916/N. E. 135 Street Crossing West of U.S. 1 Crossing #272610H	Railroad crossing					CST 54	PR
	6113694	S.R. 25/Okeechobee Road at N. W. 74 Street Crossing #272752Y	Railroad crossing					CST 64	PR
	6113724	S.R. 7/N. W. 7 Avenue at N. W. 73 Street Crossing #272712-8	Railroad crossing					CST 86	PR
	6113590 6113591	District-wide Railroad Crossing Renovations and Upgrades	Railroad crossing		CST 100	CST 300	CST 1,000	CST 400	PR
	6113692	S.R. 934/N. E. 81 Street at N. E. 4 Avenue Crossing #272620N	Railroad crossing					CST 73	PR
	6113723	S.R. 992/S. W. 152 Street at U.S. 1 Crossing #272820X	Railroad crossing					CST 56	PR
	6113725	S.R. 944/N. E. 54 Street at W. Dixie Highway Crossing # 272627L	Railroad crossing					CST 54	PR
	6113726	S.R. 990/S. W. 112 Avenue at U.S. 1 Crossing #272813M	Railroad crossing					CST 46	PR
	6113580	S.R. 94/Kendall Drive/SW 88 Street at S.W. 97 Avenue Railroad Crossing #631081U	Railroad crossing			CST 75			PR

**INTERSTATE
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE & ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90	
	6141779	I-95 HOV Lanes - from No. of Golden Glades Interchange to Dade/Broward County Line	Add lanes (HOV) high occupancy vehicle lanes			CST 17,325 CEI 157			I 1 A
	6141767	I-95 HOV Connector to Metrorail Parking Garage at the Earlington Heights Station	Parking garage const. (interstate funded portion)				CST 3,736		I A
	6141768	I-95 HOV Connector to Metrorail Parking Garage at the Allapattah Station	Parking garage const. (interstate funded portion)	CST 7,563 CEI 68					I A
	6141769	I-95 and S.R. 836 Interchange Ramps from N.W. 8 Street to S.R. 836	Widen Bridge		CST 9,265 CEI 85				IR A
	6141772	I-95 from S. W. 8 Street to N. W. 8 Street	Drainage improvement				CST 799 CEI 113		DS DPE G
	6141773	I-95/S.R. 9A Southbound Exit Ramp at S. W. 25 Road	Provide 2-lane ramps to/from S.W. 26 Road	CST 1,140 CEI 14					IR A
	6141774	I-95 from S.R. 836 to S.R. 112	Provide auxiliary lanes on I-95 to improve exit to N.W. 14 St. via SR836 & improve weaving N/B		ROW 161	ROW 1,145			IR A
	6113291	I-95 HOV Connector to Metrorail Parking Facility	Parking garage construction at Allapattah Station	CST 5,855 CEI 53					MMI6 A
	6113292	I-95 HOV Connector to Metrorail Parking Facility	Parking garage const. at Earlington Heights Station					CST 3,533 CEI 32	CP A
	6113496	I-95 HOV Connector to Metrorail from N. W. 22 Avenue to N. W. 12 Avenue	Roadway widening along S.R. 112/Airport Expressway					CST 7,787 CEI 71	CP A

**TURNPIKE PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	W.P.A. ITEM NUMBER	PROJECTS	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE FOUR YEAR PROGRAM				FUND CODE	PRI	ENV- SUR
					86 - 87	87 - 88	88 - 89	89 - 90			
27		<u>S.R. 821 H.E.F.T.</u>									
	6151782	Homestead Toll Plaza	Toll Plaza Related improvements	CST 542 CEI 54						PKYI	
	6151814 6151813	from U.S. 1 - Florida City to Caribbean Boulevard (Less exceptions)	Resurface/repave		PE 229	CST 2,046 CEI 205	CST 1,320 CEI 132			PKYR	
	6151815	from N.W. 106 Street to Dade/Broward County Line	Resurface/repave			PE 180	CST 2,872 CEI 287			PKYR	
	6151777	S.R. 821/H.E.F.T. from Kendall Drive to Bird Road	Widen to 6 lanes		CST 5,095 CEI 510					PKYI E	
	6151778	S.R. 821/H.E.F.T. from Coral Reef Drive to South Dade Expressway/S.R. 874	Widen to 8 lanes		CST 1,637 CEI 164					PKYI 1 E	
	6151779	S.R. 821/H.E.F.T. from Eureka/Quail Roost to Coral Reef Drive	Widen to 6 lanes		CST 3,200 CEI 320					PKYI 2 E	
	6151837	S.R. 821/H.E.F.T. at N.W. 41 Street	Construct interchange	PE 200	ROW 100 CST 4,770 CEI 477					PKYI 2 W	
	6151849	S.R. 821/H.E.F.T. from Tamiami Trail to East/West Expressway	Widen to 6 lanes		PE 300	CST 3,258 CEI 326				PKYI 2 E	
	6151780	S.R. 821/H.E.F.T. from Government Center Road to Eureka/Quail Roost	Widen to 6 lanes	PE 200	CST 1,141 CEI 114					PKYI 2 E	

SECONDARY ROAD PROGRAM

TRANSPORTATION IMPROVEMENT PROGRAM

SECONDARY ROAD PROGRAM
TRANSPORTATION IMPROVEMENT PROGRAM

The Secondary Road Program for Dade County is divided into two distinct categories. The first section includes all new road construction or rehabilitation projects and the second section deals with the continuing projects that have fund allocations yearly.

MAJOR ROAD CONSTRUCTION PROJECTS

The Secondary program for FY 1986 totals over \$17 million. Major projects listed for FY 1986 include:

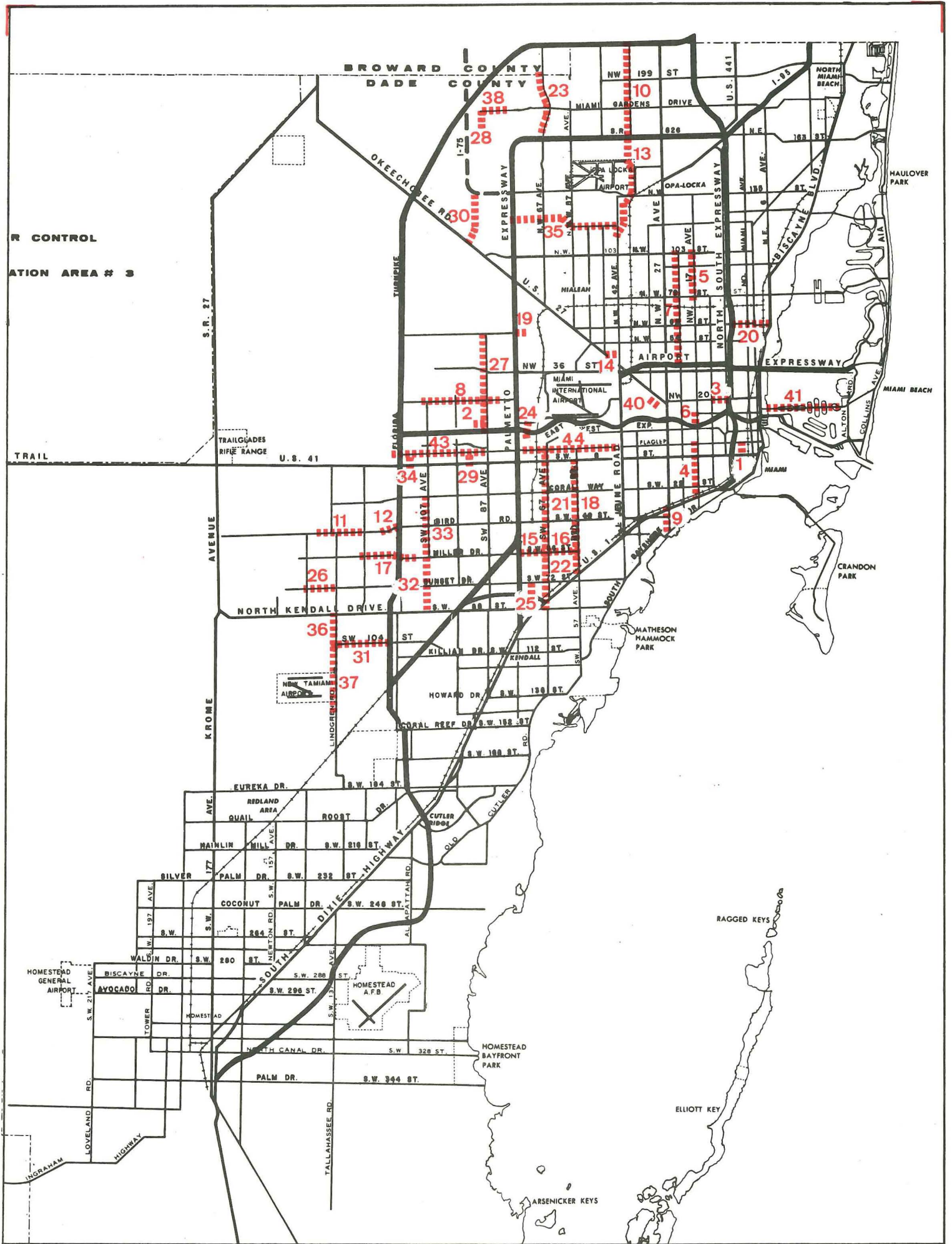
	<u>Millions of Dollars</u>
N.W. 12 Street-----	0.4
S.W. 17 Avenue-----	1.0
S.W. 42 Street-----	0.5
N.W. 42/37 Avenue Connector-----	3.0
S.W. 56 Street-----	0.7
N.W. 58 Street-----	0.7
North 62 Street-----	1.5
N.W. 72 Avenue-----	6.0
N.W. 87 Avenue-----	0.5
S.W. 92 Avenue Bridge-----	0.3
S.W. 104 Street-----	2.8
S.W. 107 Avenue-----	3.0
N.W. 186 Street-----	1.5
West Flagler Street-----	7.0

CONTINUING PROGRAM PROJECTS

The Continuing projects have generally the same allocations for the entire five-year program. They include:

	<u>Millions of Dollars</u>
Bridge Modification/Safety Improvements-----	0.5
Bridge Repair and Painting-----	0.2
Dade County Design & Construction Supervisory Cost-----	1.0
Resurfacing-----	0.5
Traffic Control Devices-----	0.5
Safety Lighting-----	0.4
Storm Drainage and Culvert Replacement-----	0.1
Guardrail-----	0.1
Local Drainage-----	0.1
School Sites-----	0.5
School Crossing Protective Devices-----	0.7
Railroad Crossing Improvements-----	0.2
Permanent Pavement Markings-----	0.3
Upgrade Municipal Streets-----	0.5

One additional project that must be considered of a continuing nature is the Venetian Causeway repairs, which is allocated \$0.2 million in FY 1986.



PUBLIC WORKS
SECONDARY ROAD
PROGRAM

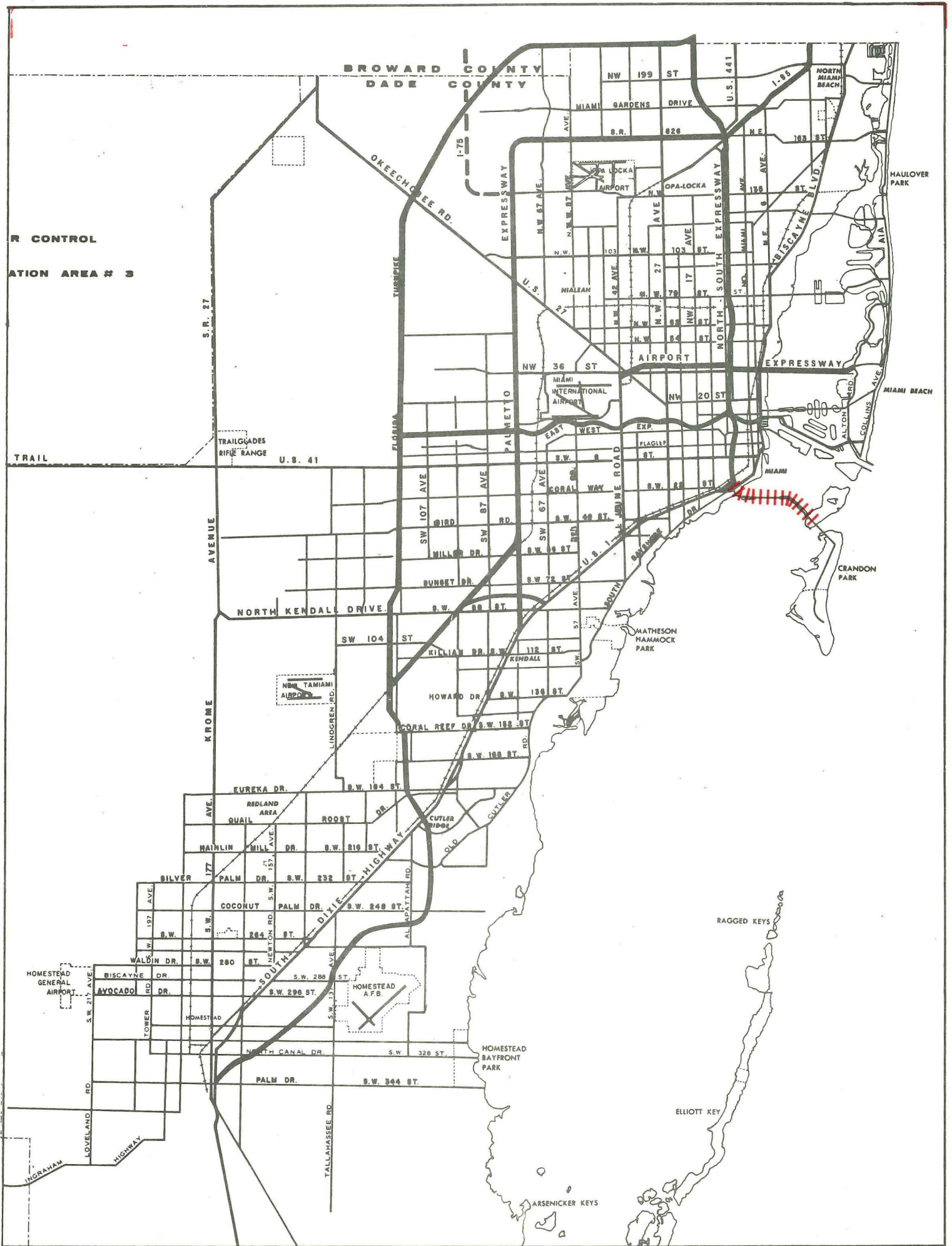
**SECONDARY ROAD
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECTS	PROJECT NUMBER	TYPE	PROPOSED 1985-86	TENTATIVE FIVE YEAR PROGRAM					FUNDING SOURCE & PRI
					86-87	87-88	88-89	89-90	90-91	
1	S.W. 2 Avenue Crossing of Miami River 0.3 mi.	660051	PE (DOP Int.)	(350)					DOP Int.	S 1
2	N.W. 12 Street N.W. 89 Court to N.W. 87 Avenue 0.3 mi.		4 Lanes Incl. RR X-ing	400						S
3	N.W. 14 Street N.W. 10 Avenue to I-95 0.5 mi.	662001	4 Lanes		650					S 1
4	S.W. 17 Avenue U.S. 1 to W. Flagler Street 1.6 mi.	662026	R/W 4 Lanes	Bal. 1,000 3,000						S 1
5	N.W. 17 Avenue N.W. 79 Street to N.W. 103 Street 1.5 mi.		PE					150		S 3
6	N.W. 17 Avenue Bridge over Miami River		PE Machinery Replacement	50			1,000			S
7	N.W. 22 Avenue Airport Expressway (S.R. 112) to N.W. 103 Street 4.0 mi.		No Parking Signs and Restriping	150						S 1
8	N.W. 25 Street N.W. 107 Avenue to N.W. 72 Avenue 3.5 mi.	662190	R/W 4 Lanes	200			2,800	1,700		S 1
9	S.W. 27 Avenue South Bayshore Drive to U.S. 1 0.8 mi.		PE					70		S 3
10	N.W. 37 Avenue S.R. 826 to Broward County Line 3.0 mi.	662189	R/W 4 Lanes	100			1,000	2,500		S 1

**SECONDARY ROAD
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECTS	PROJECT NUMBER	TYPE	PROPOSED 1985-86	TENTATIVE FIVE YEAR PROGRAM					FUNDING SOURCE & PRI
					86-87	87-88	88-89	89-90	90-91	
29	S.W. 92 Avenue Bridge over Tamiami Canal 0.2 mi.	662165	3 Lane Bridge	300						S
30	N.W. 97 Avenue Connector Okeechobee Road to N.W. 138 Street 1.5 mi.	662191	PE R/W 4 Lanes	Bal. 50 500	500 1,000	1,000				S 1
31	S.W. 104 Street S.W. 137 Avenue to H.E.F.T. 1.5 mi.	662120	6 Lanes	Bal. 2,800						S 1
32	S.W. 107 Avenue S.W. 88 Street to S.W. 56 Terrace 2.0 mi.	662091	4 Lanes & Bridge	Bal. *3,000			*To be reimbursed with State funds in 85-86			S DS 1
33	S.W. 107 Avenue S.W. 56 Street to S.W. 24 Street 2.0 mi.	662034	4 Lanes		1,300	1,400				S 1
34	S.W. 112 Avenue Bridge over Tamiami Canal 0.1 mi.	662200	3 Lane Bridge						450	S
35	N.W. 122/119 Street (Gratigny Drive) N.W. 75 Avenue to N.W. 42 Avenue 3.3 mi.	662186	PE R/W 4 Lanes	Bal. 50 50	1,000	2,500				S 1
36	S.W. 137 Avenue S.W. 104 Street to S.W. 88 Street 1.0 mi.		PE R/W 4 Lanes	80	100	1,000	600			S 2
37	S.W. 137 Avenue S.W. 136 Street to S.W. 104 Street 2.0 mi.		PE R/W 4 Lanes	150			800	1,000	1,000	S 2
38	N.W. 186 Street (Miami Gardens Drive) N.W. 87 Avenue to N.W. 79 Avenue 1.0 mi.	662092	Add 2 Lanes	Bal. 1,500						S 1

REVENUE BOND ISSUE
TRANSPORTATION IMPROVEMENT PROGRAM



RICKENBACKER CAUSEWAY

**REVENUE BOND
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECTS	PROJECT NUMBER	TYPE	PREVIOUS YEARS 1983 - 85	PROPOSED 85 - 86	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
						86 - 87	87 - 88	88 - 89	89 - 90	
	<u>RICKENBACKER CAUSEWAY IMPROVEMENTS</u>									
	Prepare Construction Plans	650220	PE	1,991		COMPLETED				RB
	Contract I Construct New Intercoastal Bridge	650220	Construct 5 Lanes	8,100	2,494			UNDERWAY		RB
	Contract II Widen Existing Bear Cut Bridge; Construct New West Bridge; Widen Existing West Bridge; New Toll Facility with Approaches; Mainland Intersection Improvements; Causeway Improvements from the Mainland to Crandon Marina	650220	Construction	5,374	5,277			UNDERWAY		RB
	Contract III Key Biscayne Improvements				750			UNDERWAY		
	Contract IV Existing Bascule & Bridge Removal & Conversion to Fishing Pier	650220	Construction		830					RB
	Contract V Landscaping	650220	Construction		880					RB
	Construction Supervision			1,050	550					RB
	TOTALS			16,515	10,781					

DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM

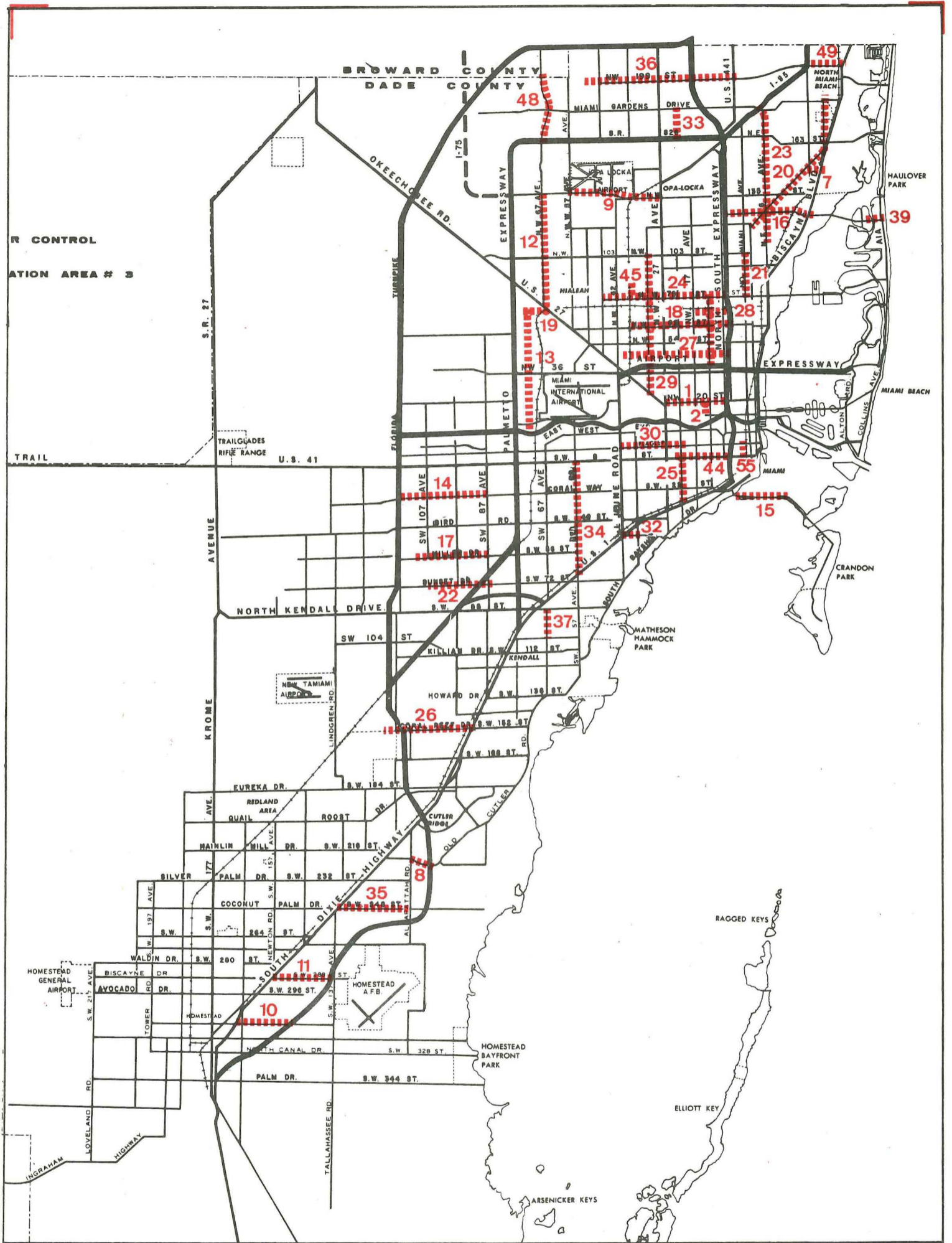
DECADE OF PROGRESS
ARTERIAL ROADS - TOPICS PROGRAM

TRANSPORTATION IMPROVEMENT PROGRAM

The Decade of Progress Bond Issue, approved by the electorate in November, 1972, included \$98.6 million in street and safety improvements. Through an accelerated program, contracts totaling \$97 million in allocated funds have been completed or are presently under construction, providing approximately 83 miles of roadway improvements.

In addition to the roadway improvements needed for increased traffic capacity, 49 miles of street light upgrading have been completed. Approximately 217 miles of existing roadways have been resurfaced. Sidewalk construction on existing arterial streets has been completed, providing approximately 27 miles of new sidewalk. Through utilization of interest monies earned on original bond allocations, we have been able to construct a number of roadway improvements in addition to those originally authorized. All authorized bond sales were completed in 1983.

The Decade of Progress Bond Issue also allocated \$14.9 million for the Traffic Operations Program to Increase Capacity and Safety (TOPICS). The major goal of this program is construction of the Phase IV Metro Traffic Control System. All authorized bond sales were completed in 1983.



R CONTROL
ATION AREA # 3

TRAIL

PUBLIC WORKS
ARTERIAL ROADS
DECADE OF PROGRESS

**DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECT	LENGTH (MI.)	TYPE	PRIOR YEARS	FISCAL YEARS		STATUS	FUNDING SOURCE
				72 - 85	85-86	86-87		
1	N.W. 20 Street N.W. 27 Avenue to I-95	2.0	C	3,687			Completed	GOB
2	N.W. 14 Avenue N.W. 14 Street to N.W. 20 Street	0.5	C	872			Completed	GOB
3	Resurfacing Existing Arterial Streets	--	C	1,000			Completed	GOB
4	Arterial Street Lights Upgrading	--	C	3,500			Completed	GOB
5	Sidewalks on Existing Arterial	--	C	1,000			Completed	GOB
6	Miami Gardens Overpass at Seaboard Railroad	0.5	C	2,333			Completed	GOB
7	N.W. 151 Street W. Dixie Highway to U.S. 1	0.3	C	520			Completed	GOB
8	S.W. 216 Street S.W. 112 Avenue to Old Cutler Road	1.2	C	1,349			Completed	GOB
9	N.W. 135-138 Street N.W. 57 Avenue to N.W. 27 Avenue	3.0	C	1,493			Completed	GOB
10	S.W. 312 Street U.S. 1 to H.E.F.T.	2.0	C	925			Completed	GOB
11	S.W. 288 Street U.S. 1 to S.W. 137 Avenue	2.0	C	*1,397			Completed	GOB
12	N.W. 67 Avenue Okeechobee Road to N.W. 138 Street	4.0	C	3,740			Completed	GOB
13	N.W. 72 Avenue East-West Expressway to N.W. 74 Street	4.0	C	5,000			Completed	GOB

*Includes Bond Interest

Money amounts indicated represent thousand of dollars.

**DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECT	LENGTH (MI.)	TYPE	PRIOR YEARS	FISCAL YEARS		STATUS	FUNDING SOURCE
				72 - 85	85 - 86	86 - 87		
27	N.W. 46 Street N.W. 42 Avenue to I-95	3.7	C	4,500			Completed	GOB
28	N.W. 71 Street N.W. 17 Avenue to I-95	1.2	C	1,300			Completed	GOB
29	N.W. 32 Avenue N.W. North River Drive to N.W. 103 Street	4.0	C	*5,200			Under construction	GOB
30	West Flagler Street W. 42 Avenue to W. 22 Avenue	2.0	C	2,000			Completed	GOB
31	N.W. 12 Avenue Airport Expressway to 79 Street	2.5	C		5,440		Under construction	GOB
32	Grand Avenue U.S. 1 to S.W. 37 Avenue	0.5	C	1,500			Completed	GOB
33	N.W. 22 Avenue N.W. 168 Street to N.W. 183 Street	1.0	C	1,100			Completed	GOB
	Collins Avenue - (Canceled) 63 Street to 73 Street						Funds reallocated for Miami Beach Improvements Program	
	Normandy Drive - (Canceled) Rue Versailles to Collins Avenue							
34	S.W. 57 Avenue U.S. 1 to S.W. 8 Street	4.0	PE	337			Project deleted	GOB
35	S.W. 248 Street U.S. 1 to Allapattah Road	1.5	C	510			Completed	GOB
36	N.W. 199 Street N.W. 57 Avenue to N.W. 52 Avenue N.W. 52 Avenue to N.W. 27 Avenue N.W. 27 Avenue to N.W. 2 Avenue	0.5 2.5 2.0	C C C	600	3,235	3,687	Under design Under construction Under design	GOB
37	Pedestrian Bicycle Safetyway S.W. 67 Avenue S.W. 104 Street to S.W. 88 Street		C	**98			Completed	GOB

*Includes Bond Interest

**Bond Interest

**DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECT	LENGTH (MI.)	TYPE	PRIOR	FISCAL YEARS		STATUS	FUNDING SOURCE
				YEARS	85-86	86-87		
				72 - 85				
14	S.W. 24 Street S.W. 117 Avenue to S.W. 87 Avenue	3.0	C	2,050			Completed	GOB
15	Rickenbacker Causeway West Bridge and Approaches	1.0	PE	62			Project Deleted	GOB
16	North 125 Street N.W. 7 Avenue to Biscayne Boulevard	3.2	C	915			Completed	GOB
17	S.W. 56 Street S.W. 112 Avenue to S.W. 87 Avenue	2.5	C	2,800			Completed	GOB
18	N.W. 62 Street N.W. 37 Avenue to I-95	3.0	C	*6,830			Completed	GOB
19	N.W. 67 Avenue Bridge over Miami Canal	0.6	C	*1,850			Completed	GOB
20	West Dixie Highway N.E. 119 Street to NE 194 Street	5.0	C	*3,410	*1,967		Phases 1, 2 and 3 Completed	GOB
21	North Miami Avenue N. 79 Street to N. 167 Street	5.5	C	1,220			Phase I Completed Phase II, III, IV Deleted	
22	S.W. 72 Street S.W. 107 Avenue to S.W. 87 Avenue	2.0	C	2,869			Completed	GOB
23	N.E. 6 Avenue Biscayne Canal to Miami Gardens Drive	4.5	C	4,311			Completed	GOB
24	N.W. 79 Street Palm Avenue to N.W. 7 Avenue	4.0	C	*6,505			Completed N.W. 47 Ave. to N.W. 7 Ave.	GOB
25	S.W. 22 Avenue U.S. 1 to West Flagler Street	2.0	C	2,435			Completed	GOB
26	S.W. 152 Street Entrance to N.E. Zoo to U.S. 1	3.0	C	4,015			Completed	GOB

*Includes Bond Interest

**DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECT	LENGTH (MI.)	TYPE	PRIOR	FISCAL YEARS		STATUS	FUNDING SOURCE
				YEARS	72 - 85	85 - 86		
38	Engineering, Rehabilitation and Asphaltic Concrete Surfacing of Existing Neighborhood Streets		C	*5,279			Completed	GOB
39	Improvement of 96 Street Indian Creek Drive to Collins Avenue	0.3	C	*425			Completed	GOB
40	Pedestrian Safetyways		C	**500			Completed	GOB
41	Purchase of Road and Bridge Materials		C	**2,255			Completed	GOB
42	N.E. 2 Avenue Beautification		C	**165			Completed	GOB
43	Coral Way Curbing		C	**227			Completed	GOB
44	S.W. 8 Street S.W. 25 Avenue to I-95		C	**100			Completed	GOB
45	N.W. 37 Avenue N.W. 79 Street to N.W. 82 Street		C	*88			Completed	GOB
46	Miami Beach Road Improvement Program		C	2,502			Completed	GOB
47	Government Center Access		C	1,013	1,993		Under construction	GOB
48	N.W. 67 Avenue N.W. 169 Street to Dade/Broward County Line		C	**955			Completed	GOB
49	N.E. 203 Street Highland Lakes Boulevard to U.S. 1		C	**1,900			Completed	GOB
50	Purchase of Equipment		C	**180			Completed	GOB

*Includes Bond Interest
**Bond Interest

**DECADE OF PROGRESS
ARTERIAL ROADS
TRANSPORTATION IMPROVEMENT PROGRAM**

ITEM	PROJECT	LENGTH (MI.)	TYPE	FISCAL YEARS			STATUS	FUNDING SOURCE
				PRIOR YEARS 72 - 85	85 - 86	86 - 87		
51	Melrose Resurfacing		C	**220			Completed	GOB
52	Miami Beach - Washington Avenue Revitalization		C	1,300			Completed	GOB
53	Removal of Architectural Barriers		C	**310			Completed	GOB
54	Purchase of Right of Way for Roadway Improvements		R/W	**100			Completed	GOB
55	S.W. 2 Avenue Bridge Crossing Miami River		PE	**450	**250		PE underway	GOB
	S.W. 1 Street Crossing over Miami Avenue						Deleted	GOB
	TOTAL			101,382	12,885	3,687		

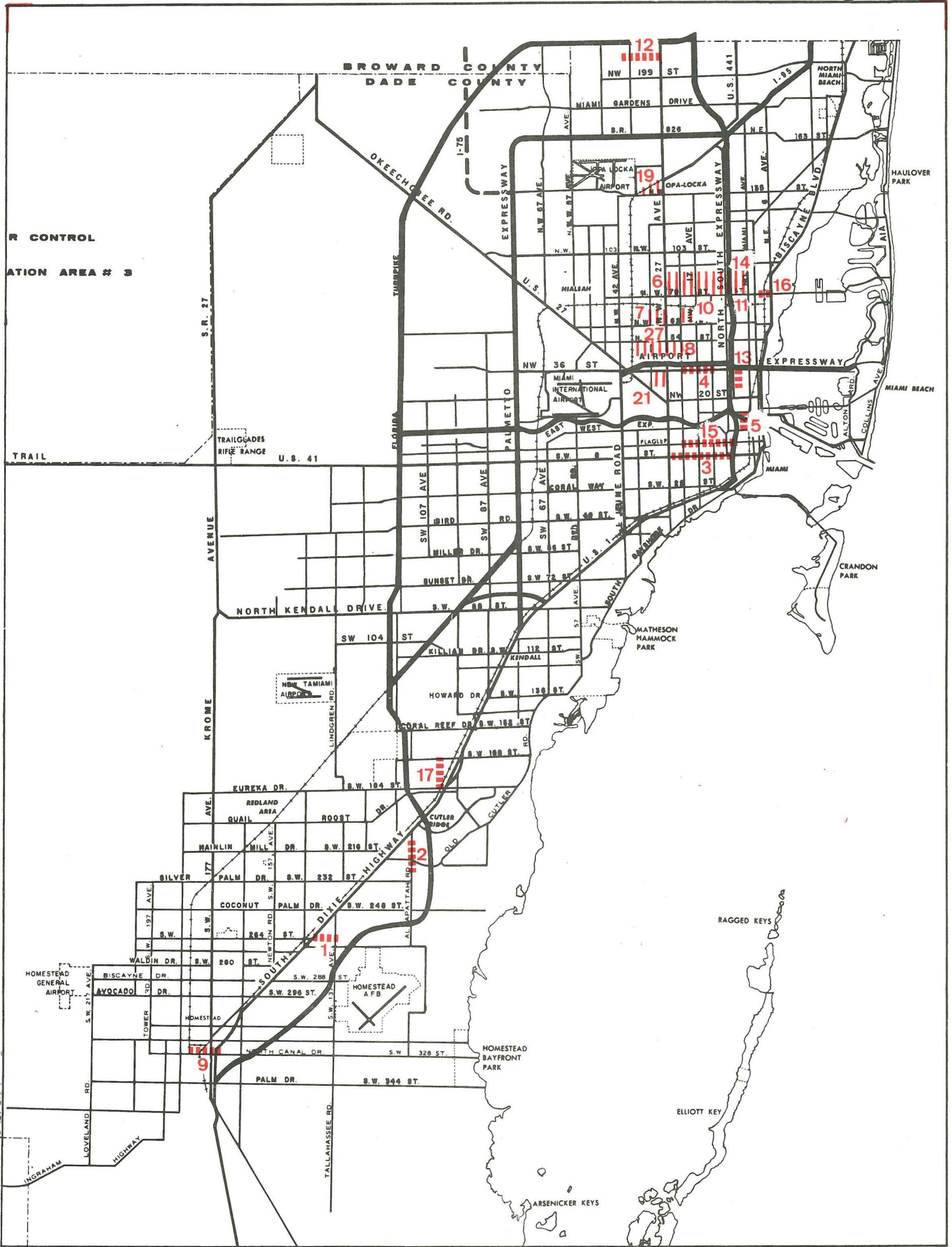
**Bond Interest

DECADE OF PROGRESS
 SIGNALIZATION & INTERSECTION IMPROVEMENTS
 TRANSPORTATION IMPROVEMENT PROGRAM

ITEM	PROJECT	LENGTH (MI.)	TYPE	PRIOR YEARS	FISCAL YEARS		STATUS	FUNDING SOURCE
				72 - 85	85 - 86	86 - 87		
1	Phase I - Computerized Traffic Control System	--	C	1,442			Completed	GOB
2	Phase II - Computerized Traffic Control System	--	C	2,335			Completed	GOB
3	Phase III - Computerized Traffic Control System	--	C	2,338			Completed	GOB
4	Phase IV - Computerized Traffic Control System	--	C	4,234	4,010		Design underway	GOB
5	Traffic Signs and Pavement Markings		C	**450			Completed	GOB
6	New and Replacement Signals	--	C	*800			Completed	GOB
7	Traffic Control Enhancement Program	--	C	215			Completed	GOB
8	Purchase 8 Phase Controllers	--	C	**100			Completed	GOB
9	Arterial Roadway Lighting Conversion		C	**140			Completed	GOB
	TOTAL			12,054	4,010			

*Includes Bond Interest
 **Bond Interest

COMMUNITY DEVELOPMENT PROJECTS
TRANSPORTATION IMPROVEMENT PROGRAM



R CONTROL
ATION AREA # 3

TRAIL

PUBLIC WORKS
COMMUNITY DEVELOPMENT
COORDINATION

**COMMUNITY DEVELOPMENT PROJECTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	PROJECT NO.	TYPE	1976 - 85	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
				85 - 86	86 - 87	87 - 88	88 - 89	
1. Naranja Street Improvements S.W. 264 Street U.S. 1 to S.W. 137 Avenue	691002	Sidewalk, Bike Path PE Resurfacing, Drainage, Tree Planting, Street Widening CST	85 275		Completed			CD
2. Goulds Street Improvements Allapattah Drive (S.W. 112 Avenue) Black Creek to S.W. 224 Street	691003	Beautification PE Drainage Street Lighting CST	15 350		Completed			CD
3. Little Havana - Beautification S.W. 8 Street S.W. 25 Avenue to I-95	691004	Landscaping PE Swk. & Curb Repair Remedial Drainage Ornamental Lighting CST	71 1,504		Completed			CD
4. Allapattah Arterial Road Improvements N.W. 35 Street N.W. 22 Avenue to N.W. 12 Avenue	691005	Remedial Drainage PE Swk. Repair & Curb Repair Street Furniture CST	25 175		Completed			CD
5. Culmer - Beautification N.W. 2 Avenue N.W. 5 Street to N.W. 11 Street	691006	Roadway PE Reconstruction Beautification CST	25 552		Completed			CD
6. West Little River Street Improvements Local Streets - Area Bounded by N.W. 79 Street and N.W. 87 Street N.W. 7 Avenue and N.W. 27 Avenue	691000	Swk., Drainage, Tree PE Planting, Pavement Widening Resurfacing CST	150 868		Completed			CD
7. Gladeview (Model Cities) Street Improvements-Local Streets-Area Bounded by N.W. 62 St., & N.W. 71 St., N.W. 27 Ave., & N.W. 32 Ave.	691007	Sidewalks PE Resurfacing Drainage Tree Planting CST	70	993 460	Under construction			CD
8. Superblock (Model Cities) Street Improvements-Local Streets-Area Bounded by N.W. 46 St., & N.W. 54 St., N.W. 27 Ave., & N.W. 22 Ave.	691008	Sidewalks PE Street Widening Curb Drainage CST	32 664		Completed			CD

**COMMUNITY DEVELOPMENT PROJECTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	PROJECT NO.	TYPE	1976 - 85	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
				85 - 86	86 - 87	87 - 88	88 - 89	
9. Homestead St. Improv.-Local Sts. S.W. 4 St. & Lucy St.-S.W. 15 Ave. to Krome Ave.; S.W. 6 St.-S.W. 15 Ave. to S.W. 6 Ave.; & S.W. 15 Ave.-Lucy St. to S.W. 6 Ave.	691009	Roadway PE Reconstruction Street Lighting Beautification CST	100 778		Completed			CD
10. Liberty City St. Improv. - Phase 1 N.W. 71 St.-N.W. 22 Ave. to N.W. 19 Ave. N.W. 18 Ave.-N.W. 62 St. to N.W. 71 St	691012	Tree Planting PE Resurf., Sidewalk Pavement, Widening (as required), Drainage CST	145 570		Phase 1 - Completed			CD
11. Larchmont Gardens Drainage(Edison Park) Area Bounded by N.W. 79 St. & Little River; Miami Ave.& I-95(less Larchmont Gardens & Little River Acres Subdiv.)	691013	PE French Drain Construction CST	16 224		Completed			CD
12. North County Street Improvements N.W. 207 Street N.W. 39 Ave. to N.W. 27 Ave.	691014	Resurfacing PE Sidewalk Drainage Landscaping CST	8 460		Completed			CD
13. Wynwood Street Improvements N.W. 2 Avenue N.W. 29 St. to N.W. 36 St.	691015	St. Rebuilding, PE Paving, Swk., Curb & Gutter, Drainage, Landscaping CST	38 500		Completed			CD
14. Little River Pedestrian Bridge N.W. 2 Avenue over Little River	691016	Pedestrian Bridge PE CST	2 50		Completed			CD
15. West Flagler Beautification West 22 Avenue to Miami River	691017	Landscaping PE Sidewalk & Curb Repair Remedial Drainage CST	100 234		Completed			CD
16. Edison Little River - Beautification N.W. 79 Street F.E.C. Railroad to I-95	691062	Landscaping PE Sidewalk, Curb Repair Remedial Drainage CST	20 36		Completed			CD

**COMMUNITY DEVELOPMENT PROJECTS
TRANSPORTATION IMPROVEMENT PROGRAM**

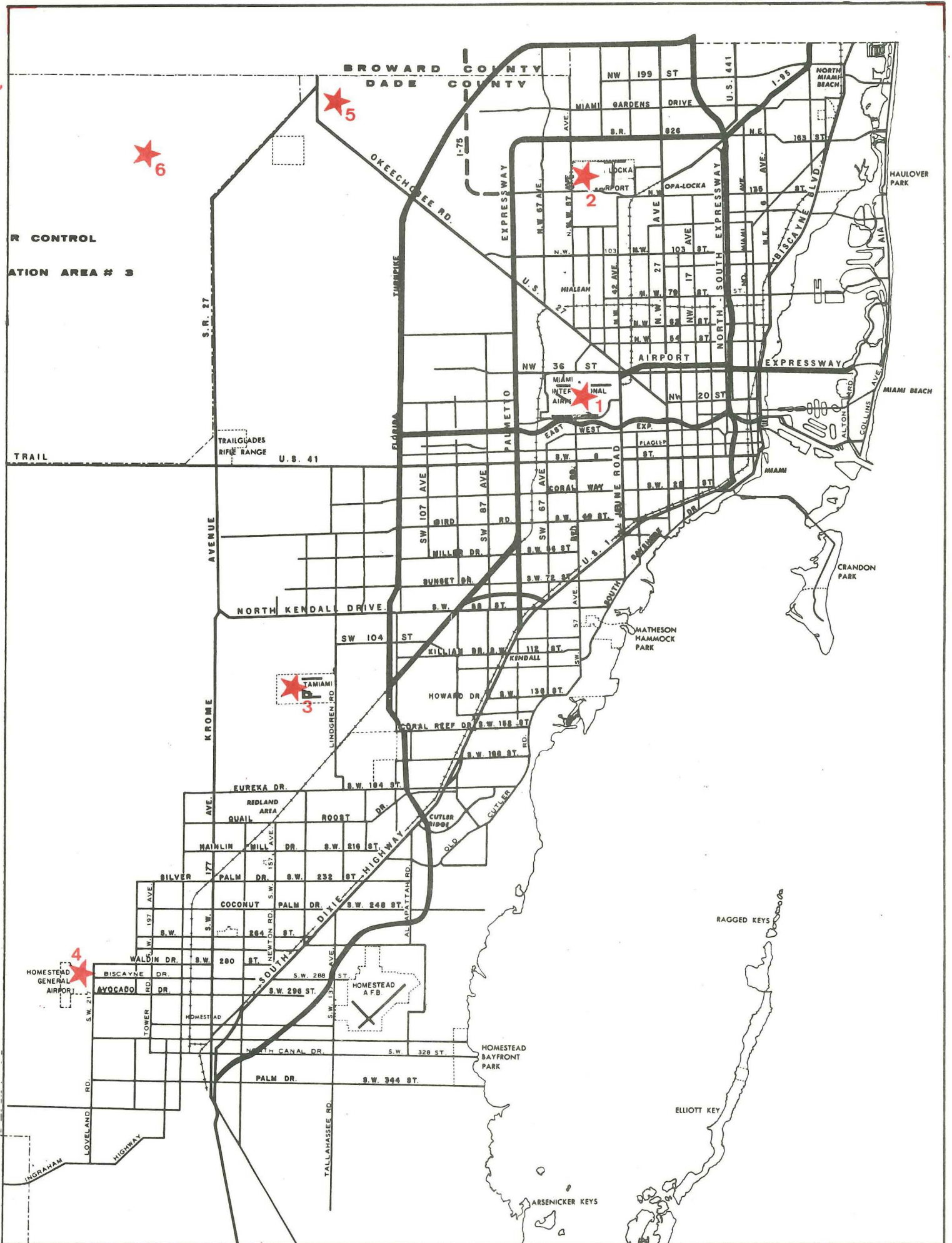
PROJECTS	PROJECT NO.	TYPE	1976 - 85	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
				85 - 86	86 - 87	87 - 88	88 - 89	
17. Perrine Street Improvements Area Bounded by S.W. 104 Avenue S.W. 184 Street to S.W. 168 Street	691066	Curb & Gutter, Swk., Pavement Widening, Resurfacing, Drainage, Beautification CST	500		Completed			CD
13. Perrine Street Improvements Phase II - S.W. 103 Avenue S.W. 172 Street to S.W. 173 Terrace		Curb & Gutter, Swk., Pavement Widening, Resurfacing, Drainage, Beautification CST	100		Completed			CD
19. Opa-locka Ingraham Park NSA	691083	Resurfacing CST	75		Completed			CE
20. Opa-locka Ingraham Park NSA Phase II		Sidewalk, Resurfacing and Drainage CST		200	Under design			CD
21. Melrose Sidewalk Improvements	691082	Resurfacing PE and Sidewalk CST	210 418		Completed			CD
22. Melrose Sidewalk and Drainage Improvements	691099	Drainage and Sidewalk CST		300	Under construction			CD
23. Melrose Resurfacing	691097	Resurfacing CST	100		Completed			CD
24. West Little River - Phase 2A	691068	Sidewalk, Landscaping, Drainage, Pavement and Resurfacing CST	1120		Completed			CD

AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM

AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM

The Dade County Transportation Improvement Program includes capital improvements for the Aviation Department for the continued development of Miami International Airport, Opa-locka Airport, Tamiami Airport, and related support and access facilities. The funding for this program is primarily from revenues generated by the Aviation Department and from Federal and State grants. Major projects at Dade County airports, including some already underway, are as follows:

MIA - North Terminal Expansion	\$18 million
MIA - Runway 12/30 Tunnel	8 million
MIA - Concourse "D" Expansion	32 million
MIA - Concourse "F" Expansion	22 million
MIA - Terminal Expansion F to G	18 million
MIA - Terminal Apron Strengthening	7 million
MIA - Skyport	8 million
MIA - Terminal-Wide People Mover	12 million
MIA - Central Chiller East	12 million
MIA - South Terminal Expansion	35 million
MIA - Utilities Corridor	4 million
Opa-Locka Access Roads, Aprons and Taxiways	5 million



DADE COUNTY AIRPORTS

1. MIAMI INTERNATIONAL
2. OPA-LOCKA
3. TAMiami
4. HOMESTEAD
5. OPA-LOCKA WEST
6. SITE 14
(POTENTIAL REPLACEMENT SITE FOR EVERGLADES-JNT JETPORT)

**AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	ITEM NUMBER	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE PROGRAM (IN THOUSANDS OF DOLLARS)				FUNDING SOURCE
				86-87	87-88	88-89	89-90	
Miami International Airport Terminal F-G Expansion	1	Airport improvement	5,000	8,000	5,000			L SM FAA
Miami International Airport Lower Vehicular Drive Improvements	1	Airport improvement	3,000				9,000	L
Miami International Airport Skyport	1	Airport improvement	4,000		4,000			L SM FAA
Miami International Airport Modifications - Concourse D Inboard and Apron	1	Airport Improvement	5,000	9,000	9,000			L SM FAA
Miami International Airport D Connector - Phase II	1	Airport improvement	5,000	4,000				
Miami International Airport 36 Street Apron (Pan Am Area) Improvements	1	Airport improvement	5,000		5,000			
Miami International Airport Refurbish Concourse G	1	Airport improvement	1,000					
Miami International Airport Airfield and Landside Signage	1	Airport improvement	400	400				

**AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	ITEM NUMBER	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE PROGRAM (IN THOUSANDS OF DOLLARS)				FUNDING SOURCE
				86-87	87-88	88-89	89-90	
Miami International Airport Buffer Zones	1	Airport improvement		2,000				L
Miami International Airport Perimeter Road Relocation - West Side	1	Airport improvement			2,000			L
Miami International Airport F Connector - Phase I	1	Airport improvement		3,000	3,000			L
Miami International Airport F Connector - Phase II	1	Airport improvement				6,000	6,000	L
Miami International Airport Central Chiller Plant East	1	Airport improvement		6,000	6,000			L
Miami International Airport Terminal Building South Expansion	1	Airport improvement			10,000	15,000	10,000	L SM FAA
Miami International Airport Utilities Corridor - Phase III	1	Airport improvement				4,000		L
Miami International Airport Satellite Terminal Expansion and Aircraft Services	1	Airport improvement			4,000			L

**AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	ITEM NUMBER	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE PROGRAM (IN THOUSANDS OF DOLLARS)				FUNDING SOURCE
				86-87	87-88	88-89	89-90	
Opa-Locka Airport Aircraft Storage Facility	2	Airport improvement			2,500		2,500	L FAA
Opa-Locka Airport Access Roads and Utilities	2	Airport improvement	300	300	1,000			L FAA
Opa-Locka Airport Customs and General Aviation Apron	2	Airport improvement	400					L FAA
Opa-Locka Airport Taxiways	2	Airport improvement	300					L FAA
Opa-Locka Airport Airfield Lighting and Signing	2	Airport improvement	100	200				L FAA
Opa-Locka Airport Interior Service Road	2	Airport improvement		300				L FAA
Opa-Locka Airport Security Fencing	2	Airport improvement		200				L FAA
Opa-Locka Airport General Aviation Apron and Taxiways	2	Airport improvement				1,000	1,500	L FAA
Opa-Locka Airport Nav aids	2	Airport improvement				200		L FAA
SUBTOTALS			1,100	1,000	3,500	1,200	4,000	

**AIRPORT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECTS	ITEM NUMBER	TYPE OF WORK	PROPOSED 1985-86	TENTATIVE PROGRAM (IN THOUSANDS OF DOLLARS)				FUNDING SOURCE
				86-87	87-88	88-89	89-90	
*Tamiami Airport Runway 9R Extension and Related Items	3	Airport impromgement				1,500	1,000	L SM FAA
Tamiami Airport Taxiway Improvements	3	Airport improvement				1,000	700	L FAA
Tamiami Airport Nav aids	3	Airport improvement				600	500	L FAA
Tamiami Airport General Aviation Apron	3	Airport improvement				200	800	L FAA
Tamiami Airport Access Road	3	Airport improvement			800			L SM FAA
Tamiami Airport T Hangars	3	Airport improvement			500			L
SUBTOTALS	3		0	0	1,300	3,300	3,000	
TOTALS			71,500	64,400	70,800	32,500	46,000	

*All development of Tamiami Airport deferred pending results of update study of Dade County Aviation System.

MULTIMODAL TRANSIT
TRANSPORTATION IMPROVEMENT PROGRAM

MULTIMODAL TRANSIT SYSTEM
TRANSPORTATION IMPROVEMENT PROGRAM

Metropolitan Dade County has embarked upon an ambitious program designed to improve vital urban mass transportation services. With the opening of the south line of the first stage of METRORAIL in the spring of 1984, and the opening of the north line in 1985, major steps are being taken in the continuous task of improving the metropolitan area transportation system. Future options for extending METRORAIL are presently being planned.

Complementing METRORAIL as a key component of this program is METROMOVER, an automated guideway system designed to ease congestion within Downtown Miami and facilitate travel for commuters, shoppers, tourists and others by providing fast and convenient travel along a dedicated, elevated structure. A primary function of METROMOVER will be to distribute passengers arriving at the Downtown Government Center METRORAIL station throughout the Central Business District. The METROMOVER Loop system is expected to open for service in 1986. The METROMOVER Extensions are in the planning stages.

Largely due to the availability of new rail service, the METROBUS system is also undergoing important changes as the overall county transportation network is integrated. The role of METROBUS is being expanded to include the provision of feeder service to METRORAIL. Rail service will make bus service more effective by providing an opportunity for integrating bus travel with premium urban rail service. Additionally, the bus system will continue to provide critically needed service to local communities and neighborhoods.

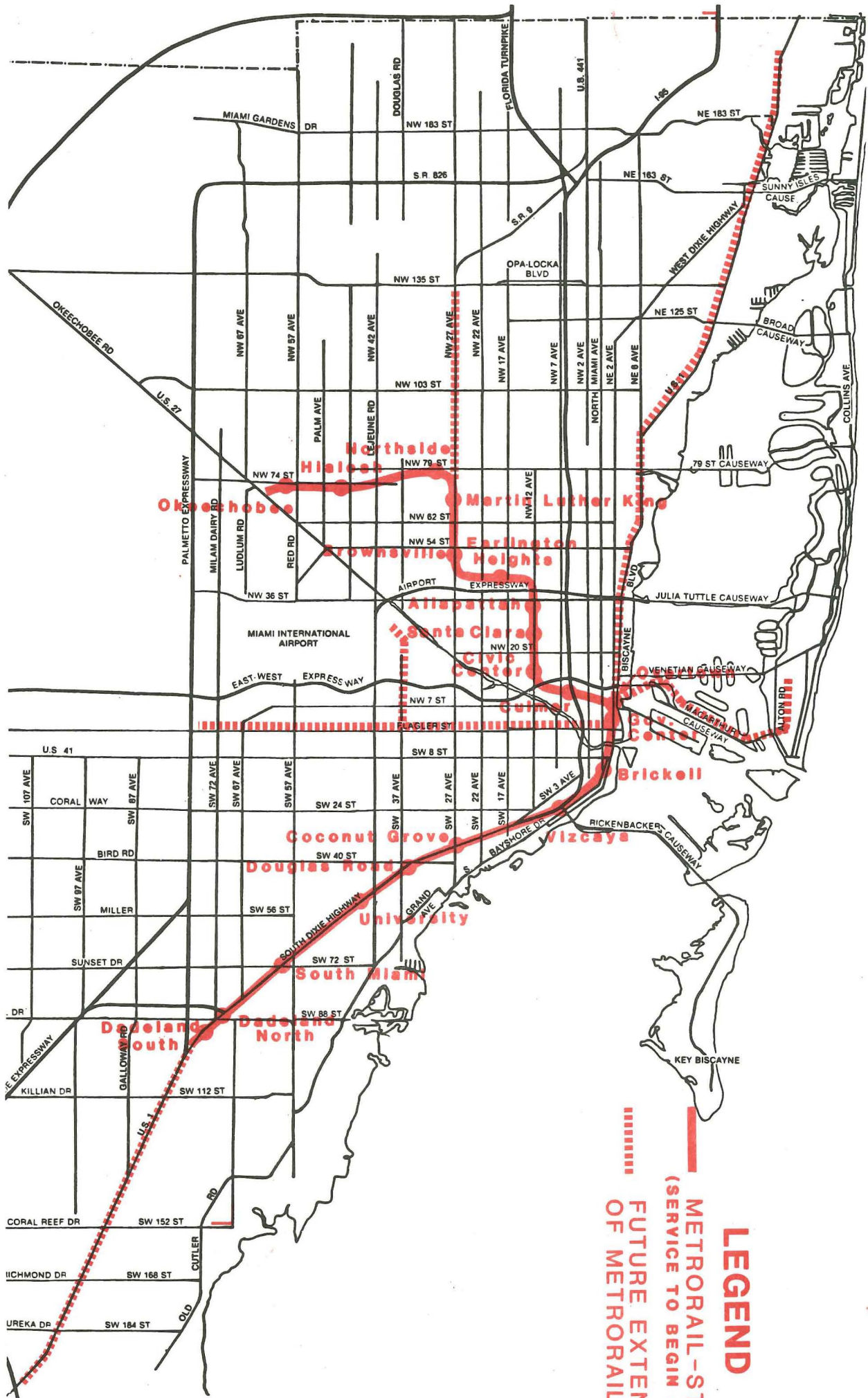
Along with these three major system components, and in cooperation with the private transportation industry, plans are in place for the provision of paratransit services to communities where the level of transit demand is too low to effectively provide regular transit coverage. These include the provision of special services for the elderly and handicapped population, bus/taxi integration, and jitney type service.

The program described in this 1986 TIP for the multimodal transit system focuses on the capital needs that must be addressed during the next five years. While a five-year programming period is a requirement emanating from the federal regulations that guide the preparation of the TIP, emphasis in this document is placed on the first program year since most of the funding for the projects shown is allocated by the pertinent federal agencies on an annual basis and through a grant application process. The transit operating grant of \$9.818 million per year is required from Section 9 funding. It will be requested under a separate program than listed in this TIP.

As indicated in the accompanying "Summary Table," the purchase of replacement buses for the METROBUS fleet, Paratransit, minibuses and miscellaneous improvements are major priority projects identified for the allocation of federal Section 9 "Formula" transportation monies and local matching funds for the 1986 TIP program year.

The projects shown on the Table, under "Section 3," are identified as priorities to be submitted in FY 1986 requests for discretionary federal funds. Initiation and/or completion of these projects will depend on whether specific section (6, 16B2 and FHWA) have either "earmarked" allocations or are discretionary.

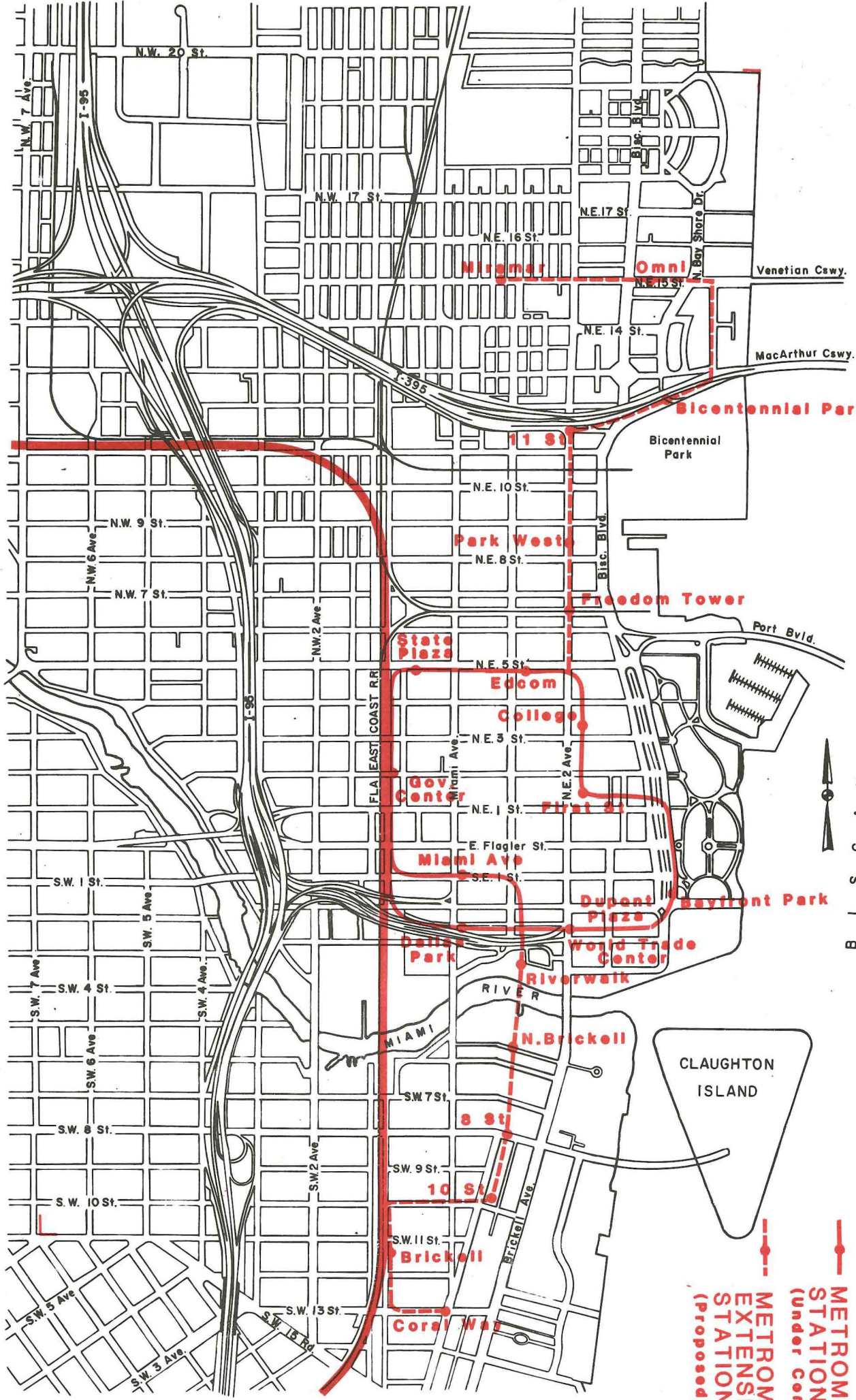
In all, a program totaling nearly \$40.3 million is being proposed for the improvement of the County's multimodal transit system in the 1986 Transportation Improvement Program.



LEGEND

———— METRO RAIL-STAGE 1
 (SERVICE TO BEGIN JUNE 1984)

----- FUTURE EXTENSION
 OF METRO RAIL



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- LEGEND**
- METRORAIL - STAGE I
 - METROMOVER & STATIONS (Under Construction)
 - METROMOVER STATIONS & EXTENSIONS (Proposed)

**1986 TIP PROGRAM YEAR
PROPOSED TRANSIT PROGRAM FUNDING
SUMMARY TABLE**

FUNDING CATEGORY	RAPID TRANSIT		METROMOVER		BUS		PARATRANSIT		FUNDING CATEGORY TOTALS
	PROJECT	COST	PROJECT	COST	PROJECT	COST	PROJECT	COST	
Sec. 9					Replacement buses (69)	9,800	Minibuses	1,300	14,795
					Passenger Info. Fleet Enhancements Information/MIS Facilities	750 975 570 1,000	STS Vans (10)	400	
Sec. 16-B2							Capital	200	
Sec. 3			METROMOVER Stage II	1,000					
Sec. 3	METRORAIL Stage II	600							600
Sec.3/FHWA	Parking Garage	6,200							6,200
FHWA/FDOT	Parking Garages Preferential in improvements planning	13,400							13,400
Local	Service Support	100							100
Fed/State Local							Multiprogram	4,000	4,000
TOTAL		20,300		1,000		13,095		5,900	40,295

**TRANSIT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

RAPID TRANSIT PROJECTS	PROJECTED COST	PREVIOUS YEARS	PROPOSED	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
			1985-86	86-87	87-88	88-89	89-90	
A. METRORAIL Stage I Pedestrian Overpasses								
South Miami	1,538	0				1,538		Joint Development
Douglas Road	1,323	0			1,323			Joint Development
Coconut Grove	1,300	0					1,300	Joint Development
B. METRORAIL Stage I Parking Garages								
Dadeland North	8,000	0		8,000				Joint Development
Douglas Road	2,600	0			2,600			Joint Development

**TRANSIT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

RAPID TRANSIT PROJECTS	PROJECTED COST	PREVIOUS YEARS	PROPOSED	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
			1985-86	86-87	87-88	88-89	89-90	
Coconut Grove	2,000	0					2,000	Joint Development
Allapattah	13,400	0	13,400					FHWA/ FDOT ¹
Northside	6,200	0	6,200					FHWA ² / UMTA Sec 3 ST/LOC
C. METRORAIL Stage I Service Support Facilities								
Station Information (bus route signs, local maps, change machines) Operation Support (Communications Systems)	100	0	100					ST/LOC
D. METRORAIL Stage II Alternatives Analysis	600	0	600					UMTA Sec 3 ST/LOC
Administration	25,000	0		3,000	2,000	5,000	5,000	UMTA Sec 3 ST/LOC
Preliminary Engineering	27,400	0		13,400	14,000			UMTA Sec 3 ST/LOC

¹Included in F.D.O.T. Primary Program.

²Funding not fully established as yet.

**TRANSIT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

METROMOVER PROJECTS	PROJECTED COST	PREVIOUS YEARS	PROPOSED	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
			1985-86	86-87	87-88	88-89	89-90	
STAGE II Alternatives Analysis	484	484						UMTA Sec 3 ST/LOC
Administration	10,000	0	1,000	2,000	2,000	2,000	2,000	UMTA Sec 3 ST/LOC
Preliminary Engineering	3,516	0		3,516				UMTA Sec 3 ST/LOC
ROW Acquisition	28,000	0		11,000	17,000			UMTA Sec 3 ST/LOC
Final Engineering	20,000	0			8,000	12,000		UMTA Sec 3 ST/LOC
Construction	136,000	0				28,000	88,000	UMTA Sec 3 ST/LOC
Car Acquisition	7,000	0				7,000		UMTA Sec 3 ST/LOC
Contingency	5,000	0					5,000	UMTA Sec 3 ST/LOC

**TRANSIT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

METROBUS PROJECTS	TYPE	PROPOSED	TENTATIVE FOUR YEAR PROGRAM				FUNDING SOURCE
		1985-86	86-87	87-88	88-89	89-90	
FLEET REPLACEMENT 40-ft. bus (341)	Capital	9,800 (69)	11,000 (74)	10,000 (64)	10,900 (67)	11,400 (67)	UMTA Sec 9 ST/LOC
FLEET EXPANSION 40-ft. bus (140)	Capital		4,600 (32)	6,000 (40)	5,600 (38)	5,000 (30)	UMTA Sec 9 ST/LOC
Articulated (16)	Capital		4,000 (16)				UMTA Sec 9 ST/LOC
FLEET ENHANCEMENTS Replacement Windows (259)	Capital		500	500			UMTA Sec 9 ST/LOC
Replacement Seats (259)	Capital	500	750				UMTA Sec 9 ST/LOC
Replacement Spare Parts (15)	Capital	375					UMTA Sec 9 ST/LOC
Replacement Tools & Equipment	Capital	100	105	110	116		UMTA Sec 9 ST/LOC
FARE COLLECTION Fareboxes (642)	Capital			1,100	2,100		UMTA Sec 9 ST/LOC

**TRANSIT IMPROVEMENTS
TRANSPORTATION IMPROVEMENT PROGRAM**

PARATRANSIT PROJECTS	TYPE	PROPOSED	TENTATIVE FOUR YEAR PROGRAM					FUNDING SOURCE
		1985-86	86 - 87	87 - 88	88 - 89	89 - 90		
FLEET DEVELOPMENT Mini-Buses (170 Vehicles)	Capital	1,300 (34)	1,360 (34)	1,420 (34)	1,490 (34)	1,560 (34)	UMTA Sec 9 ST/LOC	
STS FLEET UPGRADE Vans (50 Vehicles)	Capital	400 (10)	415 (10)	430 (10)	450 (10)	460 (10)	FDOT Sec. 9 ST/LOC	
Capital equipment program for private non-profit social services transportation providers	Capital	200	200	200	200	200	UMTA Sec.16-B2 ST/LOC	
Multiprogram funding for transportation service for the disadvantaged-area-wide total	Service	4,000**					Various Federal State & Local Program	

**Preliminary

INDEX

	<u>Page</u>		<u>Page</u>
SW 2 Ave. Crossing of Miami River -----	45	SW 72 Ave. - SW 80 to 72 St. -----	47
SW 8 St. - SR 826 to SW 27 Ave. -----	13	SW 72 St. - SW 127 to 107 Ave. -----	17
NW 12 St. - NW 89 Ct. to NW 87 Ave. -----	45	NW 87 Ave. - NW 174 St. to NW 186 St. -----	47
NW 12 Ave. - SR 112 to NW 79 St. -----	59	NW 87 Ave. - SR 836 to NW 58 St. -----	47
NW 14 St. - NW 10 Ave. to I-95 -----	45	SW 88 St. -----	15
NW 17 Ave. Bridge over Miami River -----	45	SW 92 Ave. Bridge over Tamiami Canal -----	48
NW 17 Ave. - NW 79 St. to NW 103 St. -----	45	NW 97 Ave. - Okeechobee Rd. to NW 138 St. -----	48
SW 17 Ave. - US 1 to W. Flagler St. -----	45	NW 103 St. - NW 57 to 32 Ave. -----	17
NW 22 Ave. - SR 112 to NW 103 St. -----	45	SW 104 St. - SW 137 Ave. to Turnpike Ext. -----	48
NW 25 St. - NW 107 to 72 Ave. -----	45	SW 107 Ave. - SW 88 St. to SW 56 Terr. -----	48
NW 27 Ave. Bridge over Miami River -----	15	SW 107 Ave. - SW 56 to 24 St. -----	48
NW 27 Ave. - NW 11 St. to NW 43 St. -----	15	SW 112 Ave. Bridge over Tamiami Canal -----	48
SW 27 Ave. - US 1 to So. Bayshore Dr. -----	45	NW 122/119 St. - NW 75 Ave. to NW 42 Ave. -----	48
NW 36 St. - SR 836 to NW 57 Ave. -----	15	SW 137 Ave. - SW 104 St. to SW 88 St. -----	48
NW 37 Ave. - SW 826 to Broward County Line -----	45	SW 137 Ave. - SW 136 St. to SW 104 St. -----	48
SW 40 St. - H.E.F.T. to SW 87 Ave. -----	17	NW 163 St. Causeway - Intercoastal to ALA -----	12
NW 42/37 Ave. Connector - NW 115 to 167 St. -----	46	NW 186 St. - NW 87 Ave. to NW 79 Ave. -----	48
NW 42 Ave. - NW 36 St. to NW 79 St. -----	18	NW 199 St. -----	59
SW 42 St. - SW 142 to 127 Ave. -----	46	Bridge Improvements -----	28
SW 42 St. - SW 122 to 117 Ave. -----	46	Downtown Distributor -----	13
NW 46 St. - Okeechobee Rd. to NW 42 Ave. -----	46	Florida Turnpike - Golden Glades to Broward Cty. Line-----	41
SW 56 St. - SW 127 to 112 Ave. -----	46	Florida Turnpike - Interchange for Dolphin Stadium ---	41
SW 56 St. - SW 75 to 67 Ave. -----	46	Government Center Access -----	61
SW 56 St. - SW 67 to 57 Ave. -----	46	Gratigny Pkwy. - Palmetto Exp. to NW 27 Ave. -----	14
NW 57 Ave. - NW 138 St. to NW 183 St. -----	18	H.O.V. Connector -----	38
SW 57 Ave. - U.S. 1 to SW 8 St. -----	46	Interstate 75 -----	39
NW 58 St. - NW 77 to NW 72 Ave. -----	46	Interstate 95 -----	37
North 62 St. - I-95 to SR 5/US 1 -----	47	Julia Tuttle Cswy./I-95 - E/O I-95 to Alton Rd. -----	36
NW 67 Ave. - NW 167 St. to NW 202 St. -----	47	MacArthur Cswy. E/O Watson Island to West	
SW 67 Ave. - SW 40 St. to W. Flagler St. -----	47	End of East Channel Bridge -----	16
SW 67 Ave. - SW 88 to 40 St. -----	47	Miami Gardens Dr. - NE 6 Ave. to Bisc. Blvd. -----	18
NW 72 Ave. - NW 7 to 12 St. -----	16 & 17	NW So. River Dr. @ Tamiami Canal Swing Bridge -----	49
NW 72 Ave. - W. Flagler St. to NW 74 St. -----	17	Opa-locka Blvd. - Sinbad Ave. to NW 27 Ave. -----	17
SW 72 St. - SW 147 Ave. to SW 137 Ave. -----	47	Palm Island Bridge - MacArthur Cswy to Palm Island ---	28

	<u>Page</u>
Port of Miami Bridge -----	16
Railroad Crossing Improvements -----	32
Resurfacing Projects -----	25 & 50
Rickenbacker Causway -----	54
Safety/Operational Improvements -----	18
SR 5/U.S. 1-----	12
SR 90 Tamiami Trail - SW 127 Ave. to SR 826 -----	13
SR 112/Airport Expressway -----	14 & 15
SR 821 H.E.F.T. -----	40
SR 826/Palmetto Expressway -----	14
SR 874 South Dade Expressway -----	15
Star Island Bridge - AlA to Star Island -----	28
W. Flagler St. - W. 118 Ave. to W. 87 Ave. -----	49
W. Flagler St. - SW 87 Ave. to SR 826 -----	16
W. Flagler St. - W. 72 Ave. to W. 42 Ave. -----	18 & 49
W. Dixie Highway - NE 119 St. to Miami	
Gardens Drive -----	54
Venetian Causeway - Bridge Replacement -----	49