

Memorandum



DATE: November 9, 2004

TO: Honorable Chairperson Barbara Carey-Shuler,
Ed D. and Members, Board of County
Commissioners

FROM: 
George M. Burgess
County Manager

SUBJECT: Miami-Dade Fire Rescue Training Facility

PSC
Agenda Item No. 8(B)

Attached please find a report from Fire Chief Herminio Lorenzo regarding the Miami-Dade Fire Rescue Department Training Facility. Staff will be prepared to discuss land acquisition delays, the current solicitation process, as well as options for accelerating the design and construction of the training facility.

We will be happy to provide the Board, through the Public Safety Committee, regular progress reports.



Susanne M. Torriente
Assistant County Manager

MEMORANDUM

107.07-17A METRO-DADE/GSA-HQY.MET.

TO: Susanne Torriente
Assistant County Manager

DATE: October 29, 2004

FROM: Herminio Lorenzo
Fire Chief

SUBJECT: Report on Status of
Training Facility

Enclosed please find the report on the Status of the Training Facility as prepared by Donald C. James in response to the Commissions request.

Please advise if you need additional information and/or if you have any comments or suggestions related to this report.

HL/eb

Enclosure

MIAMI-DADE FIRE RESCUE DEPARTMENT



REPORT ON STATUS OF TRAINING FACILITY

PREPARED FOR:
SUSANNE TORRIENTE
EXECUTIVE ASSISTANT
ASSISTANT COUNTY MANAGER
MIAMI DADE COUNTY

PREPARED BY:
DONALD C. JAMES
ASSISTANT FIRE CHIEF
MIAMI-DADE COUNTY FIRE RESCUE DEPARTMENT

OCTOBER 28, 2004



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Executive Summary

On April 19, 1994 the Miami Dade Board of County Commissioners issued Resolution NO. 581-94 which called for a special election on September 8, 1994 for the purpose of submitting to the electors of the Fire and Rescue Service District the question of whether special obligation bonds not to exceed \$59,000,000 shall be authorized for various capital improvements for the district. These capital improvements included the following six projects:

- Design and construction of ten fire rescue stations
- Design and construction of a Training Facility
- Retrofitting of all departmental facilities for ADA compliance
- Installation of emergency generators at all departmental facilities
- Retrofit at several fire stations to address environmental concerns

The focus of this report will be the construction of a training facility for the MDRF. It covers the statement of purpose or need for the facility, professional training mandates, industry analysis, task force recommendations, implementation plan, site identification criteria, alternate plan, unanticipated delays, and a capital budget estimate in 1996 dollars.

The project has been met with only two major delays since the initiation of the plan in September of 2001. The first delay in implementing the proposed plan came when identification of a suitable site proved unworkable. A suitable construction site is defined as one meeting the desired characteristics of 1) sufficient land area consisting of

approximately 1) central location, 2) needed size and shape - 40-50 acres 3) no environmental concerns, 4) accessibility, 5) CDMP compatibility, 6) infrastructure, and 7) price. In 2000, Fire Chief R. David Paulison made the decision to revert to an alternate plan of building the training facility on the site of the recently acquired Fire Administration building. The second delay did not occur until April 23, 2004 with the rejection of the three bid proposals received. This decision was based on the recommendation of the Office of Capital Improvement and Construction Coordination and in conjunction with Department of Business Development and a ruling by the County Attorney's Office that all bids were not responsive.

Statement of Purpose/Need

The need for enhancement of the fire service's training program has grown proportionately to the expansion of its mission. There are greater demands to keep the firefighter/emergency medical technician up to date with state regulated training mandates. As new technology in firefighting and emergency medicine emerge and new threats to citizen safety appear on the horizon, emergency response personnel must remain ready to mitigate these incidents with minimal risks to their own safety. Training in all forms is the single most important ingredient in assuring that MDRF meets its mission.

Fire service training is prescribed at the federal level by the Occupational Safety and Health Administration (OSHA). At the local level, the State of Florida through legislative action has adopted various National Fire Protection Association guidelines for firefighter training. MDRF has struggled with keeping pace with ever changing training mandates in a timely manner. Securing an appropriate training facility/site within the local area for emergency responder certification/re-certification and continued proficiency training is difficult. For example, recruit training is presently conducted at Miami-Dade Community College (MDCC) utilizing MDRF instructors and is dependent upon the availability of the facility. This situation has hampered our ability to maintain adequate staffing among our operational forces. Additionally, limited classroom spaces at MDCC and within the fire administration building have required the utilization of other facilities such as the International Association of Firefighters Local 1403 Firefighters Memorial Building. Both proficiency and specialized training needs demand an appropriate and readily accessible training facility.

Professional Training Mandates

The primary agency with which the fire service interacts is OSHA within the Department of Labor. Other agencies whose rules and regulations bear on the fire service are the National Institute for Occupational Safety and Health (NIOSH); Environmental Protection Agency (EPA); Centers for Disease Control and Prevention (CDC); and Federal Emergency Management Agency; and Departments of Transportation, Justice, and Defense.

Minimum training requirements as mandated by the various federal and state regulatory authorities are as follows:

- Hazardous Materials (24 hours initial and 8 hours annual refresher)
- Confined Space Rescue (24 hours initial and 8 hours annual refresher)
- Driver/Operator (12 hours annual)
- Company Training (20 hours per month)
- Officer/Supervisor Training (12 hours annual)
- Wildland Firefighting (annual, refresher)
- Self-Contained Breathing Apparatus (annual, refresher, proficiency)
- Multi-Company Drills (24 hours annual: 6 hours must be completed at night)
- Marine Firefighting (annual, refresher)
- Incident Command System (8 hours annual)
- Bloodborne Pathogens (annual, refresher)

- Other minimum required training: Fire Department Organization, Fire Alarm and Communications, Portable Fire Extinguishers, Personal Protective Equipment, Fire Behavior, Forcible Entry, Ventilation, Rescue Ropes and Knots, Ladders, Hose Streams, Foam Application, Fire Control, Salvage and Overhaul, Water Supply, Sprinkler and Standpipes, Power Operated Hand Tools, Pre-fire Planning and Building Construction.
- Emergency Medical Technician and Paramedic certification and re-certification training requirements.

Industry Analysis

In 1994, Fire Chief R. David Paulison established a committee to address planning issues for the proposed training facility. The committee consisted of the following personnel:

- Assistant Fire Chief Antonio Bared
- Assistant Fire Chief Joe Pryor
- Division Manager Gianni Lehmann
- Lieutenant Orlando Pena

The committee visited four fire service training facilities throughout the United States to assess the various training components and their suitability to MDFR requirements. The following provides a brief overview of the committee's assessment of the training facilities visited.

Georgia Public Safety Training Center

This facility is located approximately fifty miles south of Atlanta, occupies 650 acres of land and is used as a training center for all public safety agencies within the state. The main building includes several classrooms, a large atrium, several conference rooms, office space, a gymnasium, covered swimming pool with underwater observation, a large cafeteria with full commercial kitchen capable of serving 1,100 meals/day, a large auditorium with seating capacity for 1,500 and dormitory accommodations for up to 500.

The facility has a seven bay fire station for simulation, a seven story training tower, a three story burn building, two burn pools, liquid propane training area, burning fuel pit, and driving training course.

South Carolina Fire Academy

Located near Columbia South Carolina, this facility is situated on a 208 acre site. It is comprised of a single story main building housing administrative offices, five classrooms and a 300 seat auditorium. The facility also has a large two-story building in which the cafeteria and dormitory capable of housing up to 120 is situated. The dormitory is designed "hotel/motel" style – a single room with private bathroom.

The academy has a three-story state-of-the-art computerized propane fuel burn building, one and one-half story Class A burn building, five story drill tower, three larger flammable liquid and propane pads, confined space training prop, hazardous materials prop area and a seven-acre lake for dive/water rescue training.

Fairfax County Fire Rescue Academy

The facility did not have the latest technology fire rescue training equipment. However, the committee gained extremely important information from the site visit due the extensive staff experience.

Maryland Fire Rescue Institute

This facility is part of the University of Maryland. It is considered the leader in training facilities design and techniques. The Maryland Fire and Rescue Training Institute (MFRI) is the State's comprehensive training and education system for emergency services. MFRI plans, researches, develops and delivers quality programs to enhance the abilities of emergency service providers. MFRI employs fifty full-time faculty and 475

field instructors. In 1999, a total of 26,473 students were trained. Suggestions received from MFRI on how to proceed and what to avoid was most beneficial to the committee.

Task Force Recommendations

After careful analysis of all information received as a result of MDFR staff input, site visits and a future needs assessment, the following recommendations on site size and facility training components were established;

- Training complex to be located on minimum 50 acre site.
- Main Training Building – One story structure to include office space, six classrooms for 50 students each, lobby area, 300 seat auditorium, video production area, exercise area and locker rooms.
- Six-story Training Tower – To include standpipe and sprinkler connections, enclosed stairwell, search and rescue maze, and observation/control room on top floor.
- Multi-story Burn Building – Equipped with Liquid Propane Gas (LPG) simulators for a typical bedroom, typical kitchen area, typical warehouse, and typical living room.
- Large Swimming Pool – with underwater observation tower.
- Emergency Materials Training Area – to include overturned fuel tankers and railroad cars and above ground tank.

- Hazardous Materials Training Area – to include overturned fuel tankers and railroad cars and above ground tank.
- Multiple Bay typical fire rescue station to house training apparatus.
- Airplane fuselage – LPG simulators for inside/outside fires.
- Marine Fire Rescue – Shipboard simulator for indoor/outdoor fire and rescue training.
- Technical Rescue – simulated collapsed structure; vehicle, well and cave-in extrication and underground maze.
- Metrorail simulator – Reproduction of an elevated rail car system.
- Lake – Five-acre lake of 12' to 25' depth for dive/water rescue training activities.
- Fuel Pit – LPG simulator for large fuel spill training.
- Maintenance and Storage Building – For maintenance and training equipment.

The MDFR Training Division will be responsible for the operation of the Training Complex. This Division is responsible for coordinating and imparting all levels of personnel training and for the coordination of all aspects of health and safety programs.

Site Identification Criteria

The site initially identified meeting the requirements of the proposed Training Complex is a fifty acre parcel located on the theoretical N.W. 33rd Street and approximately 87th Avenue. Most surrounding land uses were compatible with a facility of this occupancy thereby facilitating neighborhood approval. The following represents the criteria used in the decision making process.

- Centralized location
- Size and shape
- Environmental concerns
- Access
- CDMP compatibility
- Infrastructure
- Price
- Proximity to Fire Administration Building

Implementation Plan

The MDFR proposed training complex will be a state of the art facility. The main goal is to provide a centralized training facility in order to conduct systematic and realistic training scenarios in a safe and controlled environment. The three phases of the Training Complex construction program are as follows:

Phase I – Consists of construction of Headquarters training site as proposed on the preliminary site plan. This site is a scaled down version of a centralized facility that will enable the department to become a certifying agency for firefighters and to conduct minimum required training of its firefighting and EMS personnel.

Phase II – Consists of construction of satellite regional training towers strategically located (one north, one south). The construction of satellite regional training towers will enable MDFR to conduct necessary field training activities while reducing travel time for in-service units.

Phase III – Consists of expansion of the Headquarters Training site to include a lake for water rescue training, the construction of an Emergency Vehicle Operators Course (EVOC) track, an elevated rail car rescue training area, and expansion of the Aircraft Fire Rescue and Technical Rescue Training area.

Alternate Plan

The initial site selected to house the proposed Training Complex was owned by the State of Florida. A two-year moratorium on the property was found to be in place and during the waiting period, negotiations for acquisition were on-going. In the year 2000 after failed attempts to acquire the property, the Fire Chief then opted to use land on the site of the Fire Administration Building and an alternative site plan was developed.

The alternative proposed Training Complex is composed of the following elements:

- 42,000 square foot Administration Building, which includes office space for Training Division staff, several classrooms, swimming pool, dormitories, storage and typical fire rescue station mock-up.
- Burn building training structures
- Hazardous materials training area
- Confined Space training area
- Maritime Firefighting area
- Residential/Commercial Simulation area
- Fire Training Towers
- Covered Training area for Physical Agility Testing.

Additionally, due to space limitations, a parking garage will replace the current surface parking area, thus requiring a two phase project. The first phase will consist of the design and construction of the training administration building and a parking garage for Fire

Administration staff. Phase two will encompass the design and construction of the training area.

Unanticipated Delays

In August 2003, a request for advertisement was issued through the Office of Capital Improvement and Construction Coordination (CICC) and a nation-wide project advertisement issued on November 28, 2003. An information conference and site visit was held in January 2004. The original "due date" for submissions was February 22, 2004. However, due to the number of request for clarifications received, this date was extended to April 23, 2004.

In April 2004, CICC made the recommendation to reject all bids based on "non-responsiveness". The decision was upheld by the Department of Business Development and ruling by the County Attorney's Office. The consultant was then tasked with modifying the original document and incorporating all "addendum" that were issued. The project was re-advertised on September 17, 2004 with a new "due date" of October 27, 2004.

Conclusions

The process of building the proposed MDR Training Complex has been an exercise in patience. Difficulties in acquiring a suitable site as well as procurement bid process issues have caused unanticipated delays. The project is extremely complex in nature and requires extensive planning, design and coordination. MDR Facilities and Construction Division have worked diligently to expedite and facilitate a process that would ensure to fullest extent possible, a timely meeting of project milestones.

Given the number of years, (eight) that have passed since the initiation of this project, 1996 proposed capital budget may prove inadequate considering today's economic conditions.

APPENDIX

1. Resolution 581-94
2. Ordinance 93-130
3. Resolution 103-96
4. Conceptual Site Plan
5. Preliminary Project Schedule
6. 1996 Capital Budget – Phase I – Headquarters Training Site

Resolution 581-94

RESOLUTION NO. 581-94

RESOLUTION CALLING SPECIAL ELECTION IN METRO-DADE FIRE AND RESCUE SERVICE DISTRICT, DADE COUNTY, FLORIDA ON THURSDAY, SEPTEMBER 8, 1994 FOR PURPOSE OF SUBMITTING TO THE ELECTORS OF SAID DISTRICT, QUESTION OF WHETHER SPECIAL OBLIGATION BONDS NOT EXCEEDING \$59,000,000.00 SHALL BE AUTHORIZED FOR VARIOUS CAPITAL IMPROVEMENTS FOR FIRE AND RESCUE SERVICES

WHEREAS, the Board of County Commissioners of Dade County, Florida finds it necessary and appropriate and in the best interest of the County to issue special obligation bonds of the County in the amount and for the public purpose set forth herei and to call a special election to determine whether such bonds shall be issued.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF DADE COUNTY, FLORIDA:

Section 1. A special election is hereby called and sha be held in Dade County, Florida, Thursday, September 8, 1994, f the purpose of submitting to the qualified electors of the Metro-Dade Fire and Rescue Service District of Dade County, the question of whether Dade County shall issue special obligation bonds not exceeding \$59,000,000 for various capital improvements for fire and rescue services.

The bonds shall be secured by and payable from unlimited a valorem taxes within such Metro-Dade Fire and Rescue Service District only.

Section 2. Notice of such special election shall be published in accordance with Section 100.342, Florida Statutes

shall be instructed to punch out the black dot on the ballot card immediately opposite the number on the ballot designated "For Bonds". Those qualified electors desiring to vote against the issuance of the bonds shall be instructed to punch out the black dot on the ballot card immediately opposite the number on the ballot designated "Against Bonds".

Section 5. Absentee paper ballots may be used by qualified electors of the Fire and Rescue Service District of Dade County for voting on this question at said special election. The form of such absentee ballot shall be in accordance with the requirements prescribed by the general election laws, and shall have printed thereon the question hereinabove set forth, with proper place for voting either "For Bonds" or "Against Bonds" following the statement of the question aforesaid.

Section 6. A sample ballot showing the manner in which the question aforesaid will appear on the votomatic at this special election shall be published and provided in accordance with the applicable provisions of the general election laws.

Section 7. This special election shall be held and conducted in accordance with applicable provisions of the general laws relating to special elections and the provisions of the Dade County Home Rule Charter. The County Manager, the Finance Director, the Supervisor of Elections and the Clerk of the County Commission are hereby authorized and directed to take all appropriate actions necessary to carry into effect and accomplish the provisions of this resolution. This special election shall be a nonpartisan election. Election Inspection Boards,

Section 3. The result of such special election shall be determined by a majority of the qualified electors of the Metro-Dade Fire and Rescue Services District of Dade County voting upon the question. The polls at such special election shall be open from 7:00 a.m. until 7:00 p.m. on the day of such special election. All qualified electors of the Metro-Dade Fire and Rescue Services District of Dade County, Florida, shall be entitled to vote at said special election. The County registration books shall remain open at the office of the Dade County Supervisor of Elections until thirty (30) days prior to the date of such special election, at which time the registration books will close in accordance with the provisions of the general election laws. Votomatics shall be used in such special election, and the question shall appear on the votomatic in substantially the following form:

FIRE AND RESCUE SERVICE DISTRICT BONDS

Shall Dade County be authorized to issue special obligation bonds in principal amount not exceeding \$59,000,000.00, bearing interest not exceeding maximum legal rates as shall be determined at time of sale thereof, payable from unlimited ad valorem taxes, levied within Metro-Dade Fire and Rescue Service District only, for capital improvements to Fire and Rescue Services including but not limited to additional fire stations, environmental improvements and training and support space?

For Bonds

Against Bonds

Section 4. Such question shall appear on the votomatic ballot as a separate question or proposal. Those qualified electors desiring to vote in favor of the issuance of the bonds

inspectors and clerks to serve as election officials in connection with this special election shall be appointed in accordance with the provisions of the general election laws.

Section 8. This special election shall be canvassed by the County Canvassing Board, in accordance with the provisions of Section 2.07 of the Home Rule Charter.

The foregoing resolution was offered by Commissioner James Burke, who moved its adoption. The motion was seconded by Commissioner Arthur E. Teele, Jr., and upon being put to a vote, the vote was as follows:

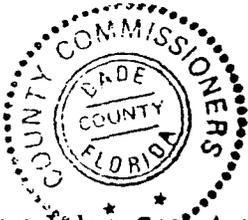
James Burke	aye	Miguel Diaz de la Portilla	aye
Betty T. Ferguson	aye	Maurice A. Ferre	aye
Larry Hawkins	absent	Bruce Kaplan	aye
Natacha S. Millan	aye	Dennis C. Moss	aye
Alexander Penelas	aye	Pedro Reboredo	aye
Javier D. Souto	aye	Sherman S. Winn	absent
Arthur E. Teele, Jr.	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 19th day of April, 1994.

DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

HARVEY RUVIN, CLERK

BY: WILLIAM G. OLIVER
Deputy Clerk



Approved by County Attorney as to form and legal sufficiency. RAG

STATE OF FLORIDA)
) SS:
COUNTY OF DADE)

I, HARVEY RUVIN, Clerk of the Circuit Court In and for Dade County, Florida, and Ex-Officio Clerk of the Board of County Commissioners of said County, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of Resolution No. R-581-94, adopted by the said board of County Commissioners at its meeting held on April 19 1994.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on this 25th day of April, A.D. 1994.

HARVEY RUVIN, Clerk
Board of County Commissioners
Dade County, Florida

By *Carole L. Nelson*
Deputy Clerk



Board of County Commissioners
Dade County, Florida

Ordinance 95-130

MEMORANDUM

Amended
Agenda Item No. 7(P)
~~(Public Hearing 7-11-95)~~

TO: Honorable Chairperson and Members
Board of County Commissioners

DATE: June 20, 1995

FROM: Armando Vidal, P.E.
County Manager

SUBJECT: Ordinance Authorizing Issuance of
\$59 Million Special Obligation Bonds
(Metro-Dade Fire and Rescue Services
District)

O#95-130

RECOMMENDATION

It is recommended that the Board of County Commissioners (the "Board") enact the accompanying Ordinance which authorizes the issuance of not to exceed \$59,000,000 of Special Obligation Bonds (the "Bonds") for the Metro-Dade Fire Rescue Services District (the "District") pursuant to a referendum held on September 8, 1994.

BACKGROUND

On April 19, 1994, the Board adopted Resolution No. R-581-94 which authorized a special election for the purpose of submitting to the qualified electors in the District the question whether the County should issue special obligation bonds not exceeding \$59,000,000 for various capital improvements for fire and rescue services and payable from unlimited ad valorem taxes levied on all taxable properties within the District.

A special election was held on September 8, 1994 at which time the qualified electors of the District approved the issuance of the bonds. The District on this date included all of Dade County except the municipalities of Miami, Miami Beach, Hialeah, Coral Gables and the Village of Key Biscayne which had preciously elected not to receive the services for the District.

The accompanying Ordinance authorizes the issuance of the Bonds in one or more series for the acquisition and construction of various capital improvements within the District as approved by the electors of said District and provides for the payment of the Bonds from unlimited ad valorem taxes levied within the District only. Prior to the issuance of any series, the Board will be presented with a resolution authorizing the issuance of such series of Bonds (the "Series Resolution"), describing the specific approved projects to be financed, the principal amount, interest rates, and other details including the method of sale in connection with the issuance of each such series of Bonds. The Manager's Finance Committee and the County's Financial Advisors have recommended to the Finance & Trust Funds Committee that the first series of Bonds be issued through a competitive sale.

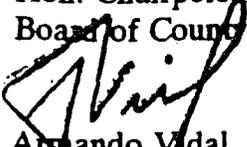
Prior to the initial issuance of Bonds, the County Attorney's Office along with Bond Counsel will file an action in the Circuit Court seeking a validation judgement.

MEMORANDUM

Supplement to
Agenda Item No. 7(P)

TO: Hon. Chairperson and Members
Board of County Commissioners

DATE: July 11, 1995


FROM: Armando Vidal, P.E.
County Manager

SUBJECT: Fiscal Impact on the Budget
Re: Special Obligation Bonds
(Metro-Dade Fire and Rescue
Services District)

In connection with the attached Ordinance, there will be a direct economic fiscal impact on the County's budget as each Series of Bonds is issued for the benefit of the Metro-Dade Fire and Rescue Services District. The Ordinance will authorize the issuance of not to exceed \$59 Million, in one or more Series, to generate bond proceeds for various capital improvements for fire and rescue services payable from unlimited ad valorem taxes levied on all taxable properties within the District, as approved by the voters of said District through a referendum held on September 8, 1994.

ORDINANCE NO. 95-130

ORDINANCE AUTHORIZING ISSUANCE OF NOT TO EXCEED \$59,000,000 AGGREGATE PRINCIPAL AMOUNT SPECIAL OBLIGATION BONDS FOR METRO-DADE FIRE AND RESCUE SERVICE DISTRICT, IN ONE OR MORE SERIES, TO PROVIDE FUNDS FOR ACQUISITION AND CONSTRUCTION OF VARIOUS CAPITAL IMPROVEMENTS WITHIN DISTRICT AS APPROVED BY VOTERS WITHIN DISTRICT IN ELECTION HELD SEPTEMBER 8, 1994 AND TO PAY COSTS OF ISSUING SUCH BONDS; PROVIDING THAT SUCH BONDS SHALL CONSTITUTE SPECIAL OBLIGATIONS OF DADE COUNTY AND SHALL BE PAYABLE FROM UNLIMITED AD VALOREM TAXES LEVIED WITHIN DISTRICT ONLY; PROVIDING CERTAIN COVENANTS TO BONDHOLDERS; PROVIDING FOR METHOD OF SALE, ESTABLISHMENT OF TERMS, MATURITIES, INTEREST RATES AND OTHER DETAILS OF BONDS BY SUBSEQUENT RESOLUTION; PROVIDING FOR SEVERABILITY; PROVIDING FOR APPOINTMENT OF PAYING AGENT AND BOND REGISTRAR; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Board of County Commissioners (the "Board") of Dade County, Florida (the "County") has determined the need for certain capital improvements for the Metro-Dade Fire and Rescue Service District (the "District" as further defined herein) and has determined that it is in the best interests of the County to issue special obligation bonds payable from unlimited ad valorem taxes to be levied on all real property located within the District; and

WHEREAS, pursuant to Chapter 125, Florida Statutes, as amended, the Metropolitan Dade County Home Rule Amendment and Charter (the "Charter") and the Code of Metropolitan Dade County (the "County Code"), the County is authorized to issue bonds for the purposes set forth herein: and

WHEREAS, on April 19, 1994 the Board adopted Resolution No. R-581-94 calling special election for the purpose of submitting to the qualified electors in the District the question of whether the County should issue special obligation bonds not exceeding \$59,000,000 for various capital improvements for fire and rescue services, which bonds would be payable from unlimited ad valorem taxes to be levied on all taxable property located within the District; and

WHEREAS, a special election was held on September 8, 1994 at which time the qualified electors of the District approved the issuance of bonds for the purposes identified in the ballot, as certified by the Board of County Canvassers; and

WHEREAS, the Board has determined to provide for the issuance of such bonds in one or more series, the principal amount, interest rates, amortization schedule, redemption provisions, and other details thereof, including the method of sale, to be determined in a subsequent resolution to be adopted by the Board in connection with the issuance of each such series of bonds (the "Series Resolution").

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF DADE COUNTY, FLORIDA:

**ARTICLE I
DEFINITIONS**

Section 101. Definitions. As used herein, unless the context otherwise requires:

"Authorized Depository" means any bank, trust company, national banking association, savings and loan association, savings bank or other banking association selected by the County as a depository, which is authorized under Florida law to be a depository of municipal funds and which has complied with all applicable state and federal requirements concerning the receipt of County funds.

"Bondholder", "Holder", "Owner", or "Registered Owner" means the person in whose name any Bond is registered on the registration book maintained by the Bond Registrar.

"Bond Registrar" means any agent designated from time to time by resolution of the County, to maintain the registration book for the Bonds issued hereunder or to perform other duties with respect to registering the transfer of the Bonds.

"Bonds" means collectively, all Bonds of any Series issued pursuant to this Ordinance.

"Book-Entry-Only System" means a system under which physical bond certificates in fully registered form are issued to DTC (or to a similar securities depository) or to its nominee as registered owner, with the bond certificates held by and immobilized in the custody of such securities depository, and under which records maintained by persons, other than the Bond Registrar, constitute the written record that identifies and records the beneficial ownership and transfer of the beneficial interests in those Bonds.

"Chairperson" means the Chairperson of the Board or in his or her absence or inability to perform, the Vice Chairperson of the Board or any County officer which may succeed to such position pursuant to Section 906 of this Ordinance.

"Clerk" means the County Clerk or any acting Assistant County Clerk of the County.

"Code" means the Internal Revenue Code of 1986, as amended, and all temporary, proposed or permanent implementing regulations promulgated or applicable thereunder.

"Construction Account" means the Metro-Dade Fire Rescue District Construction Account created pursuant to Section 402 hereof.

"County" means Metropolitan Dade County, Florida.

"County Manager" means the County Manager or any Assistant County Manager of the County, or his or her designee.

"County Attorney" means the County Attorney of the County or any designated Assistant County Attorney.

"Credit Facility" means an irrevocable letter of credit, policy of municipal bond insurance, guaranty, purchase agreement, credit agreement, surety bond or similar facility in which the entity providing such facility irrevocably agrees to provide funds to make payment of the principal of, and interest on the Bonds provided that such entity is, at the time of providing such facility, of sufficient credit quality to entitle debt backed by its Credit Facility to be rated in one of the two highest long-term rating categories (without regard to any gradations within such categories) by each of the Rating Agencies.

"District" means the Metro-Dade Fire and Rescue Services District established pursuant to Ordinance No. 80-86 enacted by the Board on September 2, 1980, as constituted on September 8, 1994, the date of the referendum with respect to the Bonds, which includes all of Dade County except those municipalities (Miami, Miami Beach, Hialeah, Coral Gables, and the Village of Key Biscayne) which have previously elected not to receive the services of the District unless such municipalities subsequently elect to receive services from the District.

"DTC" means the Depository Trust Company, New York, New York or any successor depository designated by the County.

"Finance Director" means the Finance Director of the County or his designee.

"Fiscal Year" means the period commencing on October 1 of each year and ending on the succeeding September 30, or such other consecutive 12-month period as may hereafter be designated as the fiscal year of the County.

"Government Obligations" means:

(a) direct obligations of, or obligations guaranteed by, the United States of America;

(b) any bonds or other obligations of any state of the United States of America or of any agency, instrumentality or local governmental unit of any such state (i) which are not callable prior to maturity or as to which irrevocable instructions have been given to the trustee of such bonds or other obligations by the obligor to give due notice of redemption and to call such bonds for redemption on the date or dates specified in such instructions, (ii) which are secured as to principal and interest and redemption premium,

if any, by a fund consisting only of cash or bonds or other obligations of the character described in clause (a) hereof which fund may be applied only to the payment of such principal of and interest and redemption premium, if any, on such bonds or other obligations on the maturity date or dates thereof or the redemption date or dates specified in the irrevocable instructions referred to in subclause (i) of this clause (b), as appropriate, and (iii) as to which the principal of and interest on the bonds and obligations of the character described in clause (a) hereof which have been deposited in such fund along with any cash on deposit in such fund are sufficient to pay principal of and interest and redemption premium, if any, on the bonds or other obligations described in this clause (b) on the maturity date or dates thereof or on the redemption date or dates specified in the irrevocable instructions referred to in subclause (i) of this clause (b), as appropriate;

(c) Evidences of indebtedness issued by the Federal Home Loan Banks, Federal Home Loan Mortgage Corporation (including participation certificates), Federal Financing Banks, or any other agency or instrumentality of the United States of America created by an act of Congress provided that the obligations of such agency or instrumentality are unconditionally guaranteed by the United States of America or any other agency or instrumentality of the United States of America or of any corporation wholly-owned by the United States of America; and

(d) Evidences of ownership of proportionate interests in future interest and principal payments on obligations described in (a) and held by a bank or trust company as custodian.

"Interest Payment Date" means the dates designated for the payment of principal of or interest on any series of Bonds as set forth in the Series Resolution for such Series of Bonds.

"Moody's Investors Service" means Moody's Investors Service, Inc., a corporation organized and existing under the laws of the State of Delaware, its successors and their assigns, and, if for any reason such corporation shall no longer perform the functions of a securities rating agency, "Moody's Investors Service" shall be deemed to refer to any other nationally recognized securities rating agency designated by the County.

"Outstanding" or "Bonds outstanding" means all Bonds which have been issued pursuant to this Ordinance except:

(a) Bonds cancelled after purchase in the open market or because of payment at or redemption prior to maturity;

(b) Bonds the payment or redemption for which cash or Government Obligations or any combination thereof shall have been theretofore irrevocably set aside in a special account with the Paying Agent or an escrow agent, whether upon or prior to the maturity or redemption date of any such Bond, in an amount which, together with earnings on such Government Obligations, will be sufficient to pay the principal of, redemption premium, if any, and interest on such Bonds at maturity or upon their earlier redemption; provided that, if such Bonds are to be redeemed before the maturity thereof, notice of

such redemption shall have been given according to the requirements of this Ordinance or irrevocable instructions directing the timely publication of such notice and directing the payment of the principal of, redemption premium, if any, and interest on all Bonds at such redemption dates shall have been given to the Paying Agent;

(c) Bonds are deemed paid pursuant to Article VIII hereof; and

(d) Bonds in exchange for or in lieu of which other Bonds have been authenticated and delivered pursuant to this Ordinance.

"Paying Agent" means any agent designated by the County by resolution to serve as a Paying Agent for the Bonds that shall be an Authorized Depository and shall have agreed to arrange for the timely payment of the principal of, interest on and redemption premium, if any, with respect to the Bonds to the Registered Owners thereof, from funds made available therefor by the County, and any successors designated pursuant to this Ordinance.

"Project" means the improvements described in Exhibit A hereto, as the same may be modified or supplemented from time to time by the County upon receipt of an opinion of Bond Counsel.

"Rating Agencies" means each of Moody's Investors Service and Standard and Poor's, to the extent that Moody's Investors Service and Standard and Poor's then have ratings issued and outstanding in respect of any Bonds.

"Record Date" means the 15th day (whether or not a business day) of the month preceding the next Interest Payment Date.

"Series" means any series of Bonds issued under this Ordinance and pursuant to a Series Resolution.

"Series Resolution" means a resolution of the Board required to be adopted prior to the issuance of any Series of Bonds under this Ordinance. Each Series Resolution shall (a) determine the details of the Bonds of such Series, including, among other things, the maximum principal amount of such Series, the dated date of the Bonds of such Series, the interest rate thereon, the maximum maturity thereof, the redemption provisions relating thereto, including the amortization requirements for the Bonds, if any, the Bond Registrar and Paying Agent therefor, and whether the Bonds of such Series shall be issuable in book-entry or certificated form, (b) set forth additional covenants and provisions with respect to any Series of Bonds required in connection with the obtaining of a Credit Facility, including any special provisions designed to comply with repayment requirements under reimbursement or repayment agreements with the entities providing such instruments, and such other matters as the Board shall determine and (c) establish the method of sale of such Series of Bonds; provided, however, the Board may provide in the Series Resolution that the determination of all the matters set forth above except the maximum principal amount of any Series may be delegated to the County Manager pursuant to the limitations set forth in such Series Resolution.

"Standard & Poor's" means Standard and Poor's Rating Group, a corporation organized and existing under the laws of the State of New York, its successors and their assigns, and, if such corporation shall for any reason no longer perform the functions of a securities rating

agency, "Standard and Poor's" shall be deemed to refer to any other nationally recognized securities rating agency designated by the County.

Section 102. Rules of Construction. Words in this Ordinance importing singular numbers shall include the plural number in each case and vice versa, and words importing persons shall include firms, corporations or other entities including governments or governmental bodies. Words of the masculine gender shall be deemed and construed to include correlative words of the feminine and neuter genders.

Section 103. Contract. In consideration of the acceptance of the Bonds authorized to be issued hereunder by those who shall hold the same from time to time, this Ordinance shall be deemed to be and shall constitute a contract between the County and Bondholders. The covenants and agreements herein set forth to be performed by the County shall be for the equal benefit, protection and security of the Bondholders, and all Bonds shall be of equal rank and without preference, priority or distinction over any other thereof, except as expressly provided herein.

**ARTICLE II
AUTHORITY FOR ISSUANCE
DETAILS OF THE BONDS**

Section 201. Authority for Issuance of Bonds. This Ordinance is enacted pursuant to the Charter and County Code of Dade County, Florida; Chapter 125, Florida Statutes; the Constitution of the State of Florida; and other applicable provisions of law. There is hereby authorized to be issued the Bonds in an aggregate principal amount not to exceed \$59,000,000

for the projects identified on Exhibit A hereto, and any bonds issued to refund Bonds issued hereunder which comply with the requirements of Chapter 132, Florida Statutes.

Section 202. Details of the Bonds. a) The Bonds of each Series issued hereunder shall be designated "Dade County, Florida, Special Obligation Bonds, Series ___ (Metro-Dade Fire and Rescue Services District)" or such appropriate variation thereof as contained in any Series Resolution, in each case inserting an identifying Series year, and if more than one Series are expected to be issued in a single calendar year, inserting an identifying Series letter in addition to the year. Before any Bonds shall be issued under the provisions of this Ordinance, the Board shall adopt a Series Resolution authorizing the issuance of such Series of Bonds, fixing the amount and the details thereof, stating the date or dates of maturity thereof, the interest rate or rates thereon, the Credit Facilities, if any, the Bond Registrar, and Paying Agent, the amortization requirements of any term Bonds of such Series and the redemption provisions for such Series of Bonds either in such Series Resolution or by delegation to the County Manager. Except as otherwise provided in the Series Resolution relating to a Series of Bonds, the Bonds of any Series are issuable in fully registered form without coupons in denominations of \$5,000 or any whole multiple thereof. Bonds shall be numbered consecutively from R-1 upwards except as provided by the Series Resolution for a particular Series of Bonds.

Unless otherwise provided in the Series Resolution pursuant to which each Series of Bonds is issued, (i) the principal of and redemption premium, if any, on the Bonds shall be payable upon presentation and surrender at the principal office of the Paying Agent, (ii) interest on the Bonds shall be paid by check or draft drawn upon the Paying Agent and mailed to the

Registered Owners of the Bonds at the addresses as they appear on the registration books maintained by the Bond Registrar at the close of business on the Record Date, irrespective of any transfer or exchange of such Bonds subsequent to such Record Date and prior to such Interest Payment Date, unless the County shall be in default in payment of interest due on such Interest Payment Date; provided, however, that (a) if ownership of Bonds is maintained in a Book-Entry Only System by a securities depository, such payment may be made by automatic funds transfer (wire) to such securities depository or its nominee or (b) if such Bonds are not maintained in a Book-Entry Only System by a securities depository, upon written request of the Holder of \$1,000,000 or more in principal amount of Bonds, such payments may be made by wire transfer to such Holder (such Holder's bank being a bank within the continental United States), if such Holder has advanced to the Paying Agent the amount necessary to pay the cost of such wire transfer or authorized the Paying Agent to deduct the cost of such wire transfer from the payment due such Holder.

In the event of any default in the payment of interest, such defaulted interest shall be payable to the persons in whose names such Bonds are registered at the close of business on a special record date for the payment of such defaulted interest as established by notice deposited in the U.S. mails, postage prepaid, by the Paying Agent to the Registered Owners of the Bonds not less than fifteen (15) days preceding such special record date. Such notice shall be mailed to the persons in whose names the Bonds are registered at the close of business on the fifth day (whether or not a business day) preceding the date of mailing.

Section 203. Registration, Exchange or Transfer of Bonds. The Bond Registrar shall keep books for the registration, exchange and registration of transfer of Bonds as provided in this Ordinance. Such Bond Registrar shall evidence acceptance of the duties, obligations and responsibilities of Bond Registrar by execution of the certificate of authentication on the Bonds.

The transfer of any Bond may be registered only upon the books kept for the registration of transfer of Bonds upon surrender of such Bond to the Bond Registrar, together with an assignment duly executed by the Holder or such Holder's attorney or legal representative in such form as shall be satisfactory to the Bond Registrar.

Upon any such exchange or registration of transfer, the County shall execute and the Bond Registrar shall authenticate and deliver in exchange for such Bond a new registered Bond or Bonds, registered in the name of the transferee, of any denomination or denominations authorized by this Ordinance, in the aggregate principal amount equal to the principal amount of such Bond surrendered, of the same Series and maturity and bearing interest at the same rate.

In all cases in which Bonds shall be exchanged or the transfer of Bonds shall be registered as provided herein, the County shall execute and the Bond Registrar shall authenticate and deliver at the earliest practicable time Bonds in accordance with the provisions of this Ordinance. All Bonds surrendered in any such exchange or registration of transfer shall forthwith be cancelled by the Bond Registrar. No service charge shall be made for any registration of transfer or exchange of Bonds, but the County and the Bond Registrar may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any registration or transfer or exchange of Bonds. Except as

provided in a Series Resolution, the Bond Registrar shall not be required (i) to register the transfer of or to exchange Bonds during a period beginning at the opening of business fifteen (15) days before the day of mailing of a notice of redemption of Bonds under this Ordinance and ending at the close of business on the day of such mailing or (ii) to register the transfer of or to exchange any Bond so selected for redemption in whole or in part.

The County, the Bond Registrar, and the Paying Agent may deem and treat the registered owner of any Bond as the absolute owner of such Bond for the purpose of receiving payment of the principal thereof and the interest and redemption premium, if any, thereon.

Section 204. Mutilated, Destroyed, Stolen or Lost Bonds. If any Bond is mutilated, destroyed, stolen or lost, the County or its agent may, in its discretion (i) deliver a duplicate replacement Bond, or (ii) pay a Bond that has been called for redemption or has matured or is about to mature. A mutilated Bond shall be surrendered to and cancelled by the Bond Registrar. The Bondholder must furnish the Bond Registrar proof of ownership of any destroyed, stolen or lost Bond; post satisfactory indemnity; comply with any reasonable conditions the Bond Registrar may prescribe; and pay the Bond Registrar's and the County's reasonable expenses. Any such duplicate Bond shall constitute an original contractual obligation on the part of the County whether or not the destroyed, stolen or lost Bond be at any time found by anyone, and such duplicate Bond shall be entitled to equal and proportionate benefits and rights as to lien on, and source of payment of and security for payment from, the funds pledged to the payment of the Bond so mutilated, destroyed, or stolen or lost.

Section 205. Issuance, Form and Execution of Bonds. Subject and pursuant to the provisions hereof, Bonds are hereby authorized to be issued in an aggregate principal amount of not exceeding Fifty-Nine Million Dollars (\$59,000,000), in one or more Series, for the purpose of providing funds for the acquisition and construction of various capital improvements as set forth on Exhibit A hereof, and to pay certain costs incurred in connection with the issuance of the Bonds. Bonds of each Series shall be executed substantially in the form and manner set forth in Appendix I hereto, with such omissions, insertions, and variations as may be necessary or desirable and authorized by this Ordinance and the Series Resolution pursuant to which such Series of Bonds are issued, or as may be approved by the officers of the County executing the same, such execution to be conclusive evidence of such approval. The executed Bonds shall be deposited with the Bond Registrar for authentication and delivery, but before such Bonds shall be delivered by the Bond Registrar, there shall be filed with the Finance Director the following:

- (i) a copy, certified by the Clerk, of this Ordinance;
- (ii) a copy, certified by the Clerk, of the Series Resolution, adopted by the Board awarding such Bonds, together with the certificate of the County Manager, if any, setting forth the details of such Series of Bonds and directing the delivery of such Series of Bonds to or upon the order of the purchasers therein named upon payment of the purchase price therein set forth; and

(iii) an opinion of the County Attorney that this Ordinance and the Series Resolution corresponding to the related Series of Bonds have been duly enacted and adopted, respectively, by the Board and are in full force and effect.

(iv) an opinion or opinions of Bond Counsel to the effect that (A) this Ordinance has been duly enacted by the Board, is in full force and effect and is enforceable in accordance with its terms, (B) the Series Resolution corresponding to the related Series of Bonds has been duly adopted by the Board and is in full force and effect; (C) the issuance of the Bonds of such Series has been duly and validly authorized, (D) the ad valorem tax revenues have been lawfully pledged for the payment of the Bonds, (E) the Bonds constitute special obligations of the County payable from unlimited ad valorem taxes on all taxable property in the District, and (F) interest on the Bonds of such Series is excluded from gross income for federal income tax purposes; provided, however, that such opinion may take exception for limitations imposed by or resulting from bankruptcy, insolvency, moratorium, reorganization or other laws affecting creditors' rights and judicial discretion;

(v) any additional documents or opinions as Bond Counsel, the initial purchasers of the Bonds of such Series or their counsel may require.

When the documents mentioned above in this Section shall have been filed with the Clerk and when the Bonds of a Series shall have been executed as required by this Ordinance, the Bond Registrar shall authenticate the Bonds of such Series and deliver such Bonds to the initial purchasers or their designated representative but only upon payment to the County of the

purchase price of the Bonds of such Series as set forth in the Series Resolution corresponding to the Bonds of such Series.

The proceeds of the Bonds of each Series and other available moneys shall be applied in accordance with the provisions of this Ordinance and the Series Resolution corresponding to the Bonds of such Series.

The Bonds shall be executed, manually or by facsimile, in the name of the County by the Chairperson and the seal of the County shall be imprinted, reproduced or lithographed on the Bonds and attested to and countersigned by the Clerk. If any officer whose signature appears on the Bonds ceases to hold office before the delivery of the Bonds, his signature shall nevertheless be valid and sufficient for all purposes. In addition, any Bond may bear the signature of, or may be signed by, such persons as at the actual time of execution of such Bond shall be the proper officers to sign such Bond although at the date of such Bond or the date of delivery thereof such persons may not have been such officers.

Only Bonds which are endorsed by a certificate of authentication substantially in the form set forth in the form of Bond attached hereto as Appendix I, duly manually executed by the Bond Registrar, shall be entitled to any right or benefit under this Ordinance. No Bond shall be valid or obligatory for any purpose unless and until such certificate of authentication shall have been duly executed by the Bond Registrar, and such certificate of the Bond Registrar upon any such Bond shall be conclusive evidence that such Bond has been duly authenticated and delivered under this Ordinance. The Bond Registrar's certificate of authentication on any Bond shall be deemed to have been duly executed if signed by an authorized officer of the Bond Registrar, but

it shall not be necessary that the same officer sign the certificate of authentication on all of the Bonds that may be issued hereunder at any one time.

Section 207. Book Entry Only System. Notwithstanding anything herein, the Board may establish a Book-Entry-Only System for any Series of Bonds with DTC pursuant to the Series Resolution for such Series. The following provisions shall apply with respect to any Bonds that are registered in a Book-Entry-Only System with DTC. Such Series of Bonds shall be issued in typewritten (or photocopy of typewritten) book-entry registration form, initially registered in the name of Cede & Co. ("Cede"), as nominee for DTC, and immobilized in the custody of DTC.

So long as a Book-Entry-Only System of registration is in effect with DTC, purchasers of beneficial ownership interests in the Bonds ("Beneficial Owners") will not receive certificates representing their interests in the Bonds, and references herein to the Owners shall mean Cede and shall not mean the Beneficial Owners.

The interest of each Beneficial Owner will be recorded through the records of DTC's participants (the "DTC Participants") or of other entities, such as banks, brokers, dealers and trust companies that clear through or have a custodial relationship with a DTC Participant, either directly or indirectly (the "Indirect Participants"). Transfers of ownership interests in such Series of Bonds will be accomplished by book-entries made by DTC and, in turn, by DTC Participants acting on behalf of the Indirect Participants and their customers who are Beneficial Owners and in turn by Indirect Participants on behalf of their customers who are Beneficial Owners.

Payments of principal, interest and premium, if any, with respect to such Series of Bonds will be paid by the Paying Agent directly to DTC or its nominee, Cede. DTC is to remit such payments to DTC Participants. Payments received by DTC Participants shall thereafter be paid by DTC Participants to Indirect Participants and to their customers who are the Beneficial Owners and payments received by Indirect Participants are to be paid to their customers who are Beneficial Owners.

If less than all the outstanding Bonds of such Series of a single maturity are to be called for redemption, the County and the Paying Agent shall have no responsibility for the selection of the beneficial interests in such Series of Bonds to be paid pursuant to the redemption, or for notification of that redemption or of that payment to the Beneficial Owners of affected book-entry beneficial interests, all of which shall be handled by and in accordance with arrangements of DTC, the DTC Participants and Indirect Participants.

So long as Cede, as nominee for DTC, is the Owner, the County and the Paying Agent will treat Cede as the only Owner for all purposes hereunder, including receipt of all principal of, premium, if any, and interest on the Bonds of such Series, receipt of notices, voting rights and requesting or directing the Paying Agent to take or not to take, or consenting to, certain actions under the Ordinance.

Neither the County nor the Paying Agent shall have any responsibility or obligation to the DTC Participants, Indirect Participants or the Beneficial Owners with respect to (a) the accuracy of any records maintained by DTC, any DTC Participant or any Indirect Participant; (b) the payment by DTC of any amount due to any DTC Participant or the payment by any DTC

Participant or Indirect Participant of any amount due to any Beneficial Owner in respect of the principal of, premium, if any, or interest on the Bonds; (c) the delivery or timeliness of delivery by DTC of any notice to any DTC Participant or the delivery or timeliness of delivery by any DTC Participant or Indirect Participant of any notice to any Beneficial Owner which is required or permitted under the terms hereof to be given to Owners; (d) the selection of the Beneficial Owners to receive payments in the event of any partial redemption of the Bonds; or (e) any consent given or other action taken by DTC, or its nominee, Cede & Co., as registered owner.

The County shall cease to maintain a Book-Entry-Only System of registration with DTC, in the event that:

- (a) DTC determines not to continue to act as securities depository for such Series of Bonds; or
- (b) the County has advised DTC of its determination that DTC is incapable of discharging its duties; or
- (c) the County determines that it is in the best interest of the County not to continue a Book-Entry-Only System or that the interests of the Beneficial Owners of such Series of Bonds might be adversely affected if a Book-Entry-Only System is continued.

Upon occurrence of the events described in (a) or (b) above, the County shall attempt to establish a Book-Entry-Only System of registration with another qualified securities depository, and, if successful, (i) shall so notify Beneficial Owners of such Series of Bonds through DTC, and (ii) take such other actions as shall be necessary to establish a Book-Entry-Only System of registration with such other depository.

If the County fails to establish a Book-Entry-Only System of registration with another qualified securities depository in replacement of DTC, the County shall authenticate and deliver replacement Bonds in printed certificate form to those persons who are identified by DTC (and by the DTC Participants and Indirect Participants through DTC) as the Beneficial Owners thereof.

In the event the County makes the determination noted in (b) or (c) above (and the County undertakes no obligation to make any investigation to determine the occurrence of any events that would permit the County to make any such determination) and establishes a Book-Entry-Only System of registration with another qualified securities depository, or if the County fails to establish a Book-Entry-Only System of registration with another qualified securities depository in replacement of DTC upon occurrence of the events described in (a) or (b) above, the County shall mail a notice to DTC for distribution to the Beneficial Owners of such Series of Bonds stating (i) that DTC will no longer serve as securities depository, (ii) whether a new securities depository has been appointed, and if so, identifying such securities depository, and (iii) if no qualified securities depository has been appointed, the procedures to be followed by the County and the Beneficial Owners for the issuance of such Series of Bonds in certificated form to such Beneficial Owners and the provisions which shall govern such Bonds in certificated form, including, but not limited to, provisions regarding authorized denominations, transfer and exchange, debt service payments and other related matters. If the County shall cease to maintain a Book-Entry-Only System with DTC, the forms of the Bonds shall be modified to the extent necessary to reflect such provisions.

Section 206. Temporary Bonds. Until definitive Bonds are ready for delivery, there may be executed, and upon request of the County, the Bond Registrar shall authenticate and deliver, in lieu of definitive Bonds and subject to the same limitations and conditions, typewritten, printed, engraved or lithographed temporary Bonds, in the form of fully registered Bonds, substantially of the tenor of the Bonds set forth in this Ordinance and with such appropriate omissions, insertions and variations as may be required.

Until definitive Bonds are ready for delivery, any temporary Bond may, if so provided by the County by resolution, be exchanged at the principal corporate trust office of the Bond Registrar, without charge to the Holder thereof, for an equal aggregate principal amount of temporary, fully registered Bonds of authorized denominations, of like tenor, of the same maturity and bearing interest at the same rate.

If temporary Bonds shall be issued, the County shall cause the definitive Bonds to be prepared and to be executed and delivered to the Bond Registrar, and the Bond Registrar, upon presentation to it at its principal office of any temporary Bond, shall cancel the same and authenticate and deliver in exchange therefor at the place designated by the Holder, without charge to the Holder thereof, a definitive Bond or Bonds of an equal aggregate principal amount, of the same maturity and bearing interest at the same rate as the temporary Bond surrendered. Until so exchanged, the temporary Bonds shall in all respects be entitled to the same benefit and security of this Ordinance as the definitive Bonds to be issued and authenticated hereunder.

**ARTICLE III
REDEMPTION**

Section 301. Redemption Provisions. The Bond of each Series shall be subject to redemption prior to their maturity at such times and in such manner as set forth in the Series Resolution pursuant to which such Series of Bonds are issued. Unless otherwise provided in a Series Resolution, notice of redemption shall be given by deposit in first class mail of a copy of a redemption notice, postage prepaid, at least thirty (30) and not more than sixty (60) days before the redemption date to all Registered Owners of the Bonds or portions of the Bonds to be redeemed at their addresses as they appear on the registration books to be maintained in accordance with the provisions hereof. Failure to mail any such notice to a registered owner of Bond, or any defect therein, shall not affect the validity of the proceedings for redemption of any Bond or portion thereof with respect to which no failure or defect occurred.

Such notice shall set forth the date fixed for redemption, the rate of interest borne by each Bond being redeemed, the name and address of the Bond Registrar and Paying Agent, the redemption price to be paid and, if less than all of the Bonds then outstanding shall be called for redemption, the distinctive numbers and letters, including CUSIP numbers, if any, of such Bonds to be redeemed and, in the case of Bonds to be redeemed in part only, the portion of the principal amount thereof to be redeemed. If any Bond is to be redeemed in part only, the notice of redemption which relates to such Bond shall also state that on or after the redemption date, upon surrender of such Bond, a new Bond or Bonds in a principal amount equal to the unredeemed portion of such Bond will be issued.

Any notice mailed as provided in this Section shall be conclusively presumed to have been duly given, whether or not the Holder of such Bond receives such notice.

Notwithstanding any other provision of this Ordinance to the contrary, failure of such notice or payment to comply with the terms of this Section shall not in any manner defeat the effectiveness of a call for redemption if notice thereof is given as otherwise prescribed above in this Section.

Each notice of redemption shall be sent at least thirty-five (35) days before the redemption date by registered or certified mail, overnight delivery service or telecopy to all registered securities depositories then in the business of holding substantial amounts of obligations of types comprising the Bonds (such depositories now being The Depository Trust Company, New York, New York, Midwest Securities Trust Company, Chicago, Illinois, Pacific Securities Depository Trust Company, San Francisco, California and Philadelphia Depository Trust Company, Philadelphia, Pennsylvania) and to one or more national information services that disseminate notices of redemption of obligations such as the Bonds.

Notice having been given in the manner and under the conditions hereinabove provided, the Bonds or portions of Bonds so called for redemption shall, on the redemption date designated in such notice, become and be due and payable at the redemption price provided for redemption of such Bonds or portions of Bonds on such date. On the date so designated for redemption, moneys for payment of the redemption price being held in separate accounts by the Paying Agent in trust for the Registered Owners of the Bonds or portions thereof to be redeemed, all as provided in this Ordinance, interest on the Bonds or portions of Bonds so called for redemption

shall cease to accrue, such Bonds and portions of Bonds shall cease to be entitled to any lien, benefit or security under this Ordinance and shall be deemed paid hereunder, and the Registered Owners of such Bonds or portions of Bonds shall have no right in respect thereof except to receive payment of the redemption price thereof and, to the extent provided in the next paragraph, to receive Bonds for any unredeemed portions of the Bonds.

Section 302. Selection of Bonds to be Redeemed. The Bonds shall be redeemed only in the minimum denomination authorized by the applicable Series Resolution or in whole multiples of such minimum denomination. In selecting Bonds for redemption, the County and the Bond Registrar shall treat each Bond as representing the number of Bonds that is obtained by dividing the principal amount of such Bond by the minimum denomination authorized by the applicable Series Resolution. Except as otherwise provided in this Ordinance or in any Series Resolution, if less than all of the Bonds shall be called for redemption, the particular maturity or maturities of Bonds or portions of Bonds to be redeemed shall be selected by the County and the particular Bonds of like maturity to be redeemed shall be selected by the Bond Registrar by such method as the Bond Registrar in its sole discretion deems fair and appropriate.

If part, but not all, of an outstanding Bond shall be selected for redemption, the registered owner thereof shall present and surrender such Bond to the Paying Agent for payment of the principal amount thereof so called for redemption, and the County and the Paying Agent shall execute and deliver to or upon the order of such registered owner, without charge therefor, for the unredeemed balance of the principal amount of the Bonds so surrendered, a Bond or Bonds fully registered as to principal and interest.

**ARTICLE IV
APPLICATION OF BOND PROCEEDS, CONSTRUCTION ACCOUNT**

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Section 401. Application of Bond Proceeds. The proceeds, including accrued interest, if any, received from time to time from the sale of Bonds shall be applied by the County in accordance with the Series Resolution pursuant to which such Series of Bonds are issued provided that the portion of the proceeds to be used for acquisition and construction shall be deposited to the Construction Account.

Section 402. Construction Account. A special account to be maintained by the County or with an Authorized Depository is hereby created and designated "Metro-Dade Fire and Rescue Services District Construction Account" (the "Construction Account").

The moneys in the Construction Account shall be held in trust and applied to the payment of a portion of the costs of the Project and pending such application, shall be subject to a lien and charge in favor of the Holders of Bonds until paid out as herein provided.

Payment of the costs of the Project shall be made from the Construction Account as herein provided. All such payments shall be subject to the provisions and restrictions set forth in this Section and the County covenants that it will not cause or permit to be paid from the Construction Account any sums except in accordance with such provisions and restrictions. Moneys in the Construction Account shall be disbursed pursuant to the County rules and regulations relating to disbursements or as designated by resolution of the Board from time to time.

When the construction of the Project shall have been completed (which fact shall be evidenced to the Finance Director by a certificate stating the date of such completion), the balance in the Construction Account not reserved by the County for the payment of any remaining part of the cost of the Project shall be retained in the Construction Account and used to pay the cost of other improvements which have been approved by referendum of the qualified electors of the District or applied to redeem Bonds in a manner permitted under this Ordinance and the applicable Series Resolution. Before undertaking any such action, the Finance Director shall receive an opinion of Bond Counsel to the effect that the proposed application will not adversely affect the exclusion from gross income for federal income tax purposes of interest on the Bonds and is permitted under this Ordinance.

**ARTICLE V
LEVY AND PLEDGE OF AD VALOREM TAX;
PAYMENT OF PRINCIPAL AND INTEREST**

Section 501. Levy and Pledge of Ad Valorem Taxes. In each Fiscal Year while any of the Bonds are outstanding there shall be assessed, levied and collected a tax, without limitation as to rate or amount, on all taxable property within the District (excluding exemptions as provided by applicable law), in addition to all other taxes, sufficient in amount to pay the principal of and interest on the Bonds as the same shall become due.

The tax assessed, levied and collected for the security and payment of the Bonds shall be assessed, levied and collected in the same manner and at the same time as other taxes are assessed, levied and collected and the proceeds of said tax shall be applied solely to the payment of the principal of and interest on the Bonds.

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Section 502. Payment of Principal and Interest. On or before each Interest Payment Date for the Bonds, the County shall transfer to the Paying Agent an amount sufficient to pay the principal of, redemption premium, if any, and interest on the Bonds then due and payable and the Paying Agent is hereby authorized and directed to apply such funds to said payment.

**ARTICLE VI
COVENANTS OF COUNTY**

Section 601. Enforcement of Pledge. The County will diligently enforce its right to receive tax revenues and will diligently enforce and collect such taxes. The County will not take any action that will impair or adversely affect its rights to levy, collect and receive said taxes upon all taxable property within the District, or impair or adversely affect in any manner, the pledge made herein or the rights of the Bondholders.

Section 602. Compliance With Tax Requirements. The County hereby covenants and agrees, for the benefit of the Owners from time to time of the Bonds, to comply with the requirements applicable to it contained in the Code to the extent necessary to preserve the exclusion from gross income for federal income tax purposes of interest on the Bonds. Specifically, without intending to limit in any way the generality of the foregoing, the County covenants and agrees:

- (a) to pay to the United States of America from the funds and sources of revenues pledged to the payment of the Bonds, and from any other legally available funds, at the times required pursuant to Section 148(f) of the Code, the excess of the amount earned on all non-purpose investments (as defined in Section 148(f)(6) of the

Code) over the amount which would have been earned if such non-purpose investments were invested at a rate equal to the yield on the Bonds, plus any income attributable to such excess (the "Rebate Amount");

(b) to maintain and retain all records pertaining to and to be responsible for making or causing to be made all determinations and calculations of the Rebate Amount and required payments of the Rebate Amount as shall be necessary to comply with the Code;

(c) to refrain from using proceeds from the Bonds in a manner that would cause the Bonds or any Series of Bonds, to be classified as private activity bonds under Section 141(a) of the Code; and

(d) to refrain from taking any action that would cause the Bonds, or any Series of Bonds, to become arbitrage bonds under Section 103(b) and Section 148 of the Code.

The County understands that the foregoing covenants impose continuing obligations on the County to comply with the requirements of Section 103 and Part IV of Subchapter B of Chapter 1 of the Code so long as such requirements are applicable.

ARTICLE VII SUPPLEMENTAL ORDINANCES

Section 701. Supplemental Ordinances without Consent of Holders. The County, from time to time and at any time, may enact such ordinances supplemental hereto as shall be consistent with the terms and provisions of this Ordinance (which supplemental ordinances shall thereafter form a part hereof):

(a) to cure any ambiguity or formal defect or omission of this Ordinance, to correct or supplement any provision of this Ordinance that may be inconsistent with any other provision of this Ordinance; or

(b) to grant or confer upon the Holders any additional rights, remedies, powers, authority or security that may lawfully be granted to or conferred upon the Holders; or

(c) to add to the conditions, limitations and restrictions thereafter to be observed by the County under the provisions of this Ordinance; or

(d) to add to the covenants and agreements of the County in this Ordinance other covenants and agreements thereafter to be observed by the County or to surrender any right or power herein reserved to or conferred upon the County; or

(e) with the prior written opinion of Bond Counsel that to do so will not affect the exclusion of interest from gross income for federal income tax purposes, to authorize, in compliance with all applicable law, Bonds of each Series to be issued in the form of coupon Bonds and, in connection therewith, specify and determine the matters and things relative to the issuance of such coupon Bonds, including provisions relating to the timing and manner of provisions of any notice required to be given hereunder to the holders of such coupon Bonds, which are not contrary to or inconsistent with this Ordinance as theretofore in effect, or to amend, modify or rescind any such authorization, specification or determination at any time prior to the first authentication and delivery of such coupon Bonds; or

(f) to authorize, in compliance with all applicable law, Bonds of each Series to be issued in the form of Bonds issued and held in book-entry form on the books of any Bond Registrar appointed for that purpose by the County and, in connection therewith, make such additional changes in this Ordinance, not adverse to the rights of the owners of the Bonds, as are necessary or appropriate to accomplish or recognize such book-entry form Bonds and specify and determine the matters and things relative to the issuance of such book-entry form Bonds as are appropriate or necessary; or

(g) to modify, amend or supplement this Ordinance or any ordinance supplemental hereto in such manner as to permit the qualification of this Ordinance or any such supplemental ordinance under the Trust Indenture Act of 1939, as amended, or any similar federal statute hereafter in effect or to permit the qualification of the Bonds for sale under the securities laws of any of the states of the United States of America; or

(h) to make any change required by Moody's Investors Service or Standard & Poor's as a precondition to the issuance of a rating on any Series of Bonds which is not to the prejudice of the Holders of the Bonds of any other Series; or

(i) to make any other change that would not materially adversely affect the security for the Bonds.

In addition to the foregoing, the County may adopt Series Resolutions to provide for the issuance of each Series of the Bonds and of refunding bonds and to provide for the creation of

such additional funds, accounts and subaccounts and for such other related matters as may be required or contemplated by or appropriate under this Ordinance.

Section 702. Modification of Ordinance with Consent of Holders. Subject to the terms and provisions contained in this Section, and not otherwise, the Holders of not less than a majority in aggregate principal amount of Bonds then Outstanding that will be affected by a proposed supplemental ordinance shall have the right, from time to time, anything contained in this Ordinance to the contrary notwithstanding, to consent to and approve the enactment by the County of such ordinance or ordinances supplemental hereto as shall be deemed necessary or desirable by the County for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms or provisions contained in this Ordinance; provided, however, that nothing herein contained shall permit, or be construed as permitting, (a) an extension of the maturity of the principal of or the interest on any Bonds issued hereunder, or (b) a reduction in the principal amount of any Bonds or the redemption premium or the rate of interest thereon, or (c) the creation of a pledge or lien on the moneys credited to the funds and accounts created hereunder other than the pledges and liens created or permitted by this Ordinance, or (d) a preference or priority of any Bonds over any other Bonds, or (e) a reduction in the aggregate principal amount of Bonds required for consent to such supplemental ordinance. Nothing herein contained, however, shall be construed as making necessary the approval by the Holders of the adoption and acceptance of any supplemental ordinance or Series Resolution as authorized in Section 701 of this Article.

If at any time the County shall determine that it is desirable to enact any supplemental ordinance for any of the purposes of this Section, the County shall cause notice of the proposed enactment of such supplemental ordinance to be mailed, first class, postage prepaid, to all Holders. Such notice shall briefly set forth the nature of the proposed supplemental ordinance and shall state that copies thereof are on file at the County for inspection by all Holders. The County shall not, however, be subject to any liability to any Holder by reason of its failure to mail the notice required by this Section, and any such failure shall not affect the validity of such supplemental ordinance when approved and consented to as provided in this Section.

Whenever, at any time after the date of the first mailing of such notice, the County shall receive an instrument or instruments in writing purporting to be executed by the Holders of not less than a majority in aggregate principal amount of Bonds then Outstanding that are affected by a proposed supplemental ordinance which instrument or instruments shall refer to the proposed supplemental ordinance described in such notice and shall specifically consent to and approve the enactment thereof in substantially the form of the copy thereof referred to in such notice, thereupon, but not otherwise, the County may enact such supplemental ordinance in substantially such form, without liability or responsibility to any Holder, whether or not such Holder shall have consented thereto.

If the Holders of not less than a majority in aggregate principal amount of Bonds Outstanding that are affected by a proposed supplemental ordinance at the time of the execution of such supplemental ordinance shall have consented to and approved the execution thereof as herein provided, no Holder shall have any right to object to the enactment of such supplemental

ordinance, or to object to any of the terms and provisions contained therein or the operation thereof, or to enjoin or restrain the County from enacting the same or from taking any action pursuant to the provisions thereof.

Upon the enactment of any supplemental ordinance pursuant to the provisions of this Section, this Ordinance shall be modified and amended in accordance therewith, and the respective rights, duties and obligations under this Ordinance of the County, the Bond Registrar and all Holders shall thereafter be determined, exercised and enforced in all respects pursuant to the provisions of this Ordinance as so modified and amended.

Section 703. Exclusion of Bonds. Bonds owned or held by or for the account of the County shall not be deemed Outstanding Bonds for the purpose of any consent or other action or any calculation of Outstanding Bonds provided for in this Article, and the County as Holder of such Bonds shall not be entitled to consent or take any other action provided for in this Article. At the time of any consent or other action taken under this Article, the County shall file with the County Clerk a certificate signed by a County Representative describing all Bonds so as to be excluded.

ARTICLE VIII DEFEASANCE

Section 801. Defeasance and Release. If, at any time after the date of issuance of the Bonds (a) all Bonds of any Series secured hereby or any maturity thereof shall have become due and payable in accordance with their terms or otherwise as provided in this Ordinance, or shall have been duly called for redemption, or the County gives the Paying Agent irrevocable

instructions directing the payment of the principal of, redemption premium, if any, and interest on such Bonds at maturity or at any earlier redemption date scheduled by the County, or any combination thereof, (b) the full amount of the principal, redemption premium, if any, and the interest so due and payable upon all of such Bonds then outstanding or any portion of such Bonds, at maturity or upon redemption, shall be paid, or sufficient moneys shall be held by an escrow agent who shall be an Authorized Depository or any Paying Agent (other than the County) in irrevocable trust for the benefit of such Bondholders (whether or not in any accounts created hereby) which, when invested in Government Obligations maturing not later than the maturity or redemption dates of such principal, redemption premium, if any, and interest, will, together with the income realized on such investments, be sufficient to pay all such principal, redemption premium, if any, and interest on said Bonds at the maturity thereof or the date upon which such Bonds are to be called for redemption prior to maturity, and (c) provision shall also be made for paying all other sums payable hereunder by the County, then and in that case the right, title and interest of such Bondholders hereunder shall thereupon cease, determine and become void; otherwise, this Ordinance shall be, continue and remain in full force and effect. Notwithstanding anything in this Section 801 to the contrary, however, the obligations of the County under Article V hereof shall remain in full force and effect until such time as such obligations are fully satisfied.

**ARTICLE IX
MISCELLANEOUS PROVISIONS**

Section 901. Further Authorizations. The Chairperson and the County Manager or either of them and the Clerk, and such other officers and employees of the County as may be designated by the Chairperson and the County Manager or either of them, are each designated as agents of the County in connection with the issuance and delivery of any Series of Bonds and are authorized and empowered, collectively or individually, to take all action and steps and to execute all instruments, documents and contracts on behalf of the County that are necessary or desirable in connection with the execution and delivery of any Series of Bonds, and which are specifically authorized or are not inconsistent with the terms and provisions of this Ordinance and the respective Series Resolution or any action relating to the Bonds heretofore or hereafter taken by the County. Such officers and those so designated are hereby charged with the responsibility for the issuance of the Bonds.

Section 902. Severability. If any one or more of the covenants, agreements or provisions of this Ordinance or any Series Resolution shall be held contrary to any express provisions of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions of this Ordinance, the Series Resolution or of any Bonds issued hereunder.

Section 903. No Third Party Beneficiaries. Except as herein otherwise expressly provided, nothing in this Ordinance or any Series Resolution expressed or implied is intended

or shall be construed to confer upon any person, firm or corporation other than the parties hereto and the Owners of the Bonds issued under and secured by this Ordinance, any right, remedy or claim, legal or equitable, under or by reason of this Ordinance or any provision hereof, this Ordinance and all its provisions being intended to be and being for the sole and exclusive benefit of the parties hereto and the Owners from time to time of the Bonds issued hereunder.

Section 904. Controlling Law; Members of Board, Employees Not Liable. All covenants, stipulations, obligations and agreements of the County contained in this Ordinance shall be deemed to be covenants, stipulations, obligations and agreements of the County to the full extent authorized by the Constitution and laws of the State of Florida. No covenant, stipulation, obligation or agreement contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future member, agent or employee of the Board or the County in his individual capacity, and neither the members of the Board nor any official executing the Bonds shall be liable personally on the Bonds or this Ordinance or shall be subject to any personal liability or accountability by reason of the issuance or the execution by the Board or such members thereof.

Section 905. Effect of Covenants. All covenants, stipulations, obligations and agreements of the County contained in this Ordinance shall be deemed to be covenants, stipulations, obligations and agreements of the County to the full extent authorized or permitted by law.

Except as otherwise provided in this Ordinance, all rights, powers and privileges conferred and duties and liabilities imposed upon the County or upon the Board by the provisions

of this Ordinance shall be exercised or performed by the Board, or by such other officers, board body or commission as may be required by law to exercise such powers or to perform such duties.

7 No covenant, stipulation, obligation or agreement herein contained shall be deemed to
8 be a covenant, stipulation, obligation or agreement of any member of the Board or any agent officer or employee of the County in the individual capacity of such member, agent, officer or employee, and neither the members of the Board nor any agent, officer or employee of the County nor any official executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issuance thereof.

Section 906. Successorship of County Officers. In the event that the offices of Chairperson, Vice Chairperson, County Manager, Finance Director, Clerk or County Attorney shall be abolished or any two or more of such offices shall be merged or consolidated, or in the event of a vacancy in such office by reason of death, resignation, removal from office or otherwise, or in the event any such officer shall become incapable of performing the duties of his office by reason of sickness, absence from the County or otherwise, all powers conferred and all obligations and duties imposed upon such officers shall be performed by the officer succeeding to the principal functions thereof or by the officer upon whom such powers, obligations and duties shall be imposed by law.

Section 907. Payments Due on Sundays and Holidays. Except as otherwise provided in a Series Resolution, in any case where the date of maturity of interest on or principal of the Bonds or the date fixed for redemption of any Bonds shall be a Sunday or a legal holiday or not

a Business Day, then payment of interest or principal and premium, if any, need not be made on such date but may be made on the next succeeding Business Day with the same force and effect as if made on the date of maturity or the date fixed for redemption or the Interest Payment Date and no interest on such payment shall accrue for the period after such date.

Section 908. Headings. Any heading preceding the text of the several articles and sections hereof, and any table of contents or marginal notes appended to copies hereof, shall be solely for convenience of reference and shall not constitute a part of this Ordinance, nor shall they affect its meaning, construction or effect.

Section 909. Repeal of Inconsistent Ordinances. All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extend of such conflict.

Section 910. Effective Date. The provisions of this Ordinance shall become effective ten (10) days after the date of its enactment.

Approved by County Attorney as to
form and legal sufficiency. *CTM RAS*

Prepared by Co-Bond Counsel
Eckert Seamans Cherin & Mellott
Otis Wallace, Esquire
McCrary & Mosley

STATE OF FLORIDA)
)SS:
COUNTY OF DADE)

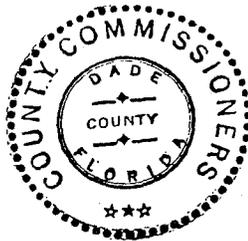
I, HARVEY RUVIN, Clerk of the Circuit and County Courts in and for Dade County, Florida, and Ex-Officio Clerk of the Board of County Commissioners of said County, HEREBY CERTIFY that the above and foregoing is a true and correct copy of Ordinance 95 - 130 -95, enacted by the said Board of County Commissioners upon second reading at its meeting held on July 11, 1995.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on this 2 day of October, A.D. 1995.

HARVEY RUVIN, Ex-Officio Clerk of the Board of County Commissioners
Dade County, Florida

By: Sheila Horowitz

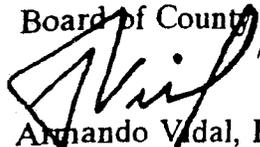
ATTEST:



Resolution 103-96

TO: Hon. Chairperson and Members
Board of County Commissioners

DATE: February 6, 1996

FROM: 
Armando Vidal, P.E.
County Manager

SUBJECT: Resolution Authorizing
Issuance of \$45 Million Special
Obligation Bonds (Metro-Dade
Fire and Rescue Service District)

RECOMMENDATION:

It is recommended that the Board of County Commissioners (the "Board") adopt the accompanying Resolution (the "Series 1996 Resolution") which authorizes issuance of not to exceed \$45,000,000 Special Obligation Bonds (Metro-Dade Fire and Rescue Service District) (the "Series 1996 Bonds"), pursuant to Ordinance No. 95-130 to (a) finance a portion of various capital improvements, included as Exhibit "A", (the "1996 Project") for the Metro-Dade Fire and Rescue Service District, (b) provide for capitalized interest, if necessary, and (c) pay for cost of issuance for the Series 1996 Bonds.

The Series 1996 Resolution additionally provides for the public sale of the Series 1996 Bonds; authorizes the County Manager to accept the bid with the lowest true interest cost and award the Series 1996 Bonds; approves the use, execution and delivery of various bond related documents substantially in the forms on file at the Clerk's Office, as exhibits to this Series 1996 Resolution and authorizes officers of the County to take all necessary action in connection with the issuance and delivery of the Series 1996 Bonds.

BACKGROUND:

On July 11, 1995 the Board enacted Ordinance No. 95-130 (the "Bond Ordinance") which (i) authorized the issuance, in one or more series, of not to exceed \$59,000,000 Special Obligation Bonds (the "Bonds") for the Metro-Dade Fire and Rescue Service District (the "District") pursuant to a referendum held on September 8, 1994 and (ii) provided for the payment of the Bonds from unlimited ad valorem taxes levied and collected within the District only. The Bonds were authorized to be issued to provide funds for the acquisition and construction of various capital improvements (the "Project") within the District as approved by the electors of said District. The Bond Ordinance also provided for the submission to the Board of subsequent resolution(s) authorizing the issuance of each series.

The accompanying Series 1996 Resolution approves and authorizes the issuance of the first series of Bonds through competitive sale, to be designated as the Series 1996 Bonds, in an amount not to exceed \$45,000,000 to finance a portion of the Project, provide for capitalized interest, if necessary, and pay the cost of issuance in connection with the issuance of the Series 1996 Bonds.

The Series 1996 Resolution provides for numerous related authorizations and approvals required to complete a competitive bond transaction including:

- * authorizing the County Manager to accept the bid providing the lowest interest cost to the County, which bid will not exceed 7% true interest cost of the Series 1996 Bonds, in accordance to the Notice of Sale in substantially the form on file with the Clerk's Office as Exhibit "B" to this Series 1996 Resolution;
- * approving the form and distribution of a Preliminary Official Statement substantially the form on file with the Clerk's Office as Exhibit "C" to this Series 1996 Resolution;
- * allowing the distribution of a final Official Statement in connection with sale of the Series 1996 Bonds;
- * authorizing the selection and appointment of a Paying Agent and Registrar for the Series 1996 Bonds;
- * providing for Continuing Disclosure Commitment, as required under provisions of Rule 15c2-12, as amended, of the Securities and Exchange Commission; and
- * authorizing the appropriate officials of the County to take all necessary actions in connection with the issuance of the Series 1996 Bonds and the Closing of the transaction.

This financing was approved by the Finance and Trust Funds Committee for submission to the Board at its meeting of January 24, 1996.

RESOLUTION NO. R-103-96

RESOLUTION AUTHORIZING ISSUANCE OF NOT TO EXCEED \$45,000,000 AGGREGATE PRINCIPAL AMOUNT OF DADE COUNTY, FLORIDA SPECIAL OBLIGATION BONDS, SERIES 1996 (METRO-DADE FIRE AND RESCUE SERVICE DISTRICT) PURSUANT TO ORDINANCE NO. 95-130 TO PROVIDE FUNDS FOR ACQUISITION AND CONSTRUCTION OF VARIOUS CAPITAL IMPROVEMENTS FOR FIRE AND RESCUE SERVICE DISTRICT AND PAYMENT OF COSTS OF ISSUANCE OF SERIES 1996 BONDS; PROVIDING FOR DETERMINATION OF PRINCIPAL AMOUNT, DATE, MATURITIES, AMORTIZATION REQUIREMENTS, OPTIONAL REDEMPTION PROVISIONS, INTEREST RATES, PAYING AGENT, BOND REGISTRAR AND OTHER DETAILS OF BONDS BY COUNTY MANAGER WITHIN LIMITATIONS SET FORTH HEREIN; AUTHORIZING PUBLIC SALE BY COMPETITIVE BID OF BONDS; APPROVING FORM OF NOTICE OF SALE AND OFFICIAL BID FORM; AUTHORIZING COUNTY MANAGER TO AWARD BONDS AND ACCEPT BID WITH LOWEST TRUE INTEREST COST DETERMINED IN ACCORDANCE WITH NOTICE OF SALE; ESTABLISHING FUNDS AND ACCOUNTS FOR BONDS; APPROVING FORM AND DISTRIBUTION OF PRELIMINARY OFFICIAL STATEMENT AND EXECUTION, DELIVERY AND DISTRIBUTION OF OFFICIAL STATEMENT; PROVIDING FOR CONTINUING DISCLOSURE COMMITMENT; AUTHORIZING COUNTY MANAGER TO NEGOTIATE FOR MUNICIPAL BOND INSURANCE; AND AUTHORIZING CERTAIN OFFICIALS AND EMPLOYEES OF COUNTY TO TAKE ALL ACTIONS REQUIRED IN CONNECTION WITH ISSUANCE OF SAID BONDS.

WHEREAS, Ordinance No. 95-130, enacted by the Board of County Commissioners (the "Board") of Dade County, Florida (the "County") on July 11, 1995 (the "Bond Ordinance") authorized the issuance, in one or more series, of special obligations bonds of the County, in an aggregate principal amount of not to exceed \$59,000,000, payable from ad valorem taxes on all property in the Metro-Dade Fire

and Rescue Service District (the "District") for the purpose of providing funds to (a) pay the costs of various capital improvements constituting the Project (as defined in the Bond Ordinance); (b) pay capitalized interest on the Bonds, if necessary, and (c) pay the cost of issuing such special obligation bonds, all as set forth in the Bond Ordinance; and

9 WHEREAS, it is the desire of this Board to approve the issuance of the first series of the Dade County, Florida Special Obligation Bonds, Series 1996 (Metro-Dade Fire and Rescue Services District) (the "Series 1996 Bonds") in an aggregate principal amount of not to exceed \$45,000,000 pursuant to the provisions of Section 4 of the Bond Ordinance to finance various capital improvements constituting a portion of the Project, as on file at the Clerk's office as Exhibit A to this Series 1996 Resolution (the "1996 Project"), which exhibit may be amended by a certificate of the County Manager to include any other component of the Project as set forth in the Bond Ordinance.

WHEREAS, this Board wishes to offer the Series 1996 Bonds at a public sale upon certain terms and conditions.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF DADE COUNTY, FLORIDA:

Section 1. Definitions. In addition to the words and terms defined in Section 2 of the Bond Ordinance, or defined elsewhere in this Series 1996 Resolution, the following words and terms as used in this Series 1996 Resolution shall have the following meanings, unless some other meaning is plainly intended:

"Bond Registrar" means, with respect to the Series 1996 Bonds, the Bond Registrar appointed pursuant to Section 3 of this Series 1996 Resolution, or such other Bond Registrar as may be appointed from time to time pursuant to the Bond Ordinance.

"County Manager's Certificate" means the certificate of the County Manager identifying the successful bid and confirming the terms of the Series 1996 Bonds as set forth in such bid.

"Notice of Sale" means the Notice of Sale to be used by the County in connection with the public sale of the Series 1996 Bonds.

"Official Bid Form" means the Official Bid Form to be submitted for the purchase of the Series 1996 Bonds by bidders.

"Official Statement" means that certain Official Statement with respect to the issuance of the Series 1996 Bonds, as such Official Statement shall be approved by the County Manager and executed by the Chairperson on behalf of the Board in accordance with the provisions of this Series 1996 Resolution.

"Paying Agent" means, with respect to the Series 1996 Bonds, the Paying Agent appointed pursuant to Section 3 of this Series 1996 Resolution, or such other Paying Agent as may be appointed from time to time pursuant to the Bond Ordinance.

"Preliminary Official Statement" means the Preliminary Official Statement, approved by the Board in accordance with the provisions of this Series 1996 Resolution, with respect to the issuance of the Series 1996 Bonds.

"Series 1996 Bonds" means the Dade County, Florida, Special Obligation Bonds, Series 1996 (Metro-Dade Fire and Rescue Services District) authorized to be issued pursuant to this Series 1996 Resolution in an aggregate principal amount of not to exceed \$45,000,000.

"Underwriters" means the successful bidder or bidders and members of the syndicate with respect to the Series 1996 Bonds.

Words in this Series 1996 Resolution importing singular numbers shall include the plural number in each case and vice versa, and words importing persons shall include firms, corporations or other entities including governments or governmental bodies. Words of the masculine gender shall be deemed and construed to include correlative words of the feminine and neuter genders.

Section 2. Authorization of Issuance of Series 1996 Bonds; Public Sale of the Series 1996 Bonds; Approval of Forms.

(a) The Board hereby authorizes the issuance, execution, sale and delivery of the Series 1996 Bonds in an aggregate principal amount of not to exceed \$45,000,000 in the manner and on the terms provided in this Series 1996 Resolution and in the Bond Ordinance.

(b) The Series 1996 Bonds shall be sold at a competitive sale. The Official Bid Form and the Notice of Sale are hereby approved substantially in the forms on file at the County Clerk's office as Exhibit B to this Series 1996 Resolution, with such changes, deletions, insertions or omissions as may be approved by the County Manager in consultation with the Financial Advisors, the Finance Director and the County Attorney.

(c) The Series 1996 Bonds shall be sold at public sale on such date as the County Manager, after consultation with the Financial Advisors and the Finance Director, shall determine. The Finance Director is hereby authorized and directed to publish a notice calling for bids for the Series 1996 Bonds, once in the Miami Herald, a daily newspaper of general circulation and published in Dade County, Florida, and in The Bond Buyer, a financial journal published in New York, New York, and devoted primarily to municipal bonds, each of such publications to be made at least 10 days before the date fixed by the County Manager for receipt of bids.

(d) All bids shall be opened publicly on the sale date. The County reserves the right to reject any and all bids, provided that no bid conforming to the Notice of Sale may be rejected unless all bids are rejected. If all bids are rejected, the Series 1996 Bonds may be sold thereafter at a public sale by competitive bids or by a negotiated sale pursuant to the provisions of Section 218.385, Florida Statutes.

(e) The County Manager is hereby authorized to award the Series 1996 Bonds to the bidder whose bid produces the lowest true interest cost (determined in accordance with the Notice of Sale) to the County; provided, however, that the County Manager shall reject all bids if no qualified bid produces a true interest cost of less than 7% (the "Maximum" TIC).

(f) The Bond Registrar is hereby authorized and directed to authenticate the Series 1996 Bonds and to deliver the Series 1996 Bonds to or upon the order of the successful bidder upon payment of the purchase price of the Series 1996 Bonds specified in the successful bid, plus accrued interest, if any.

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(g) The Series 1996 Bonds shall be dated such date, shall bear interest from such date, payable semiannually, commencing on such date, at the rates, shall mature in accordance with the maturity schedule (provided that the maturity of such Series 1996 Bonds shall not exceed forty (40) years), and be subject to redemption prior to maturity, all as set forth in the County Manager's Certificate, provided that the true interest cost shall not exceed Maximum TIC. The Series 1996 Bonds shall initially be issued as fully registered, book-entry only bonds in the denomination of \$5,000 each or any integral multiple thereof through a book-entry only system maintained by The Depository Trust Company, New York, New York ("DTC"), which will act as securities depository for the Series 1996 Bonds.

Section 3. Appointment of Paying Agent and Bond Registrar. The initial Paying Agent and initial Bond Registrar for the Series 1996 Bonds shall be selected by the County Manager pursuant to applicable County policies and shall be designated in the County Manager's Certificate.

Section 4. Application of Series 1996 Bond Proceeds. The proceeds, including accrued interest, if any, received from the sale of the Series 1996 Bonds shall be deposited by the County, simultaneously with delivery of the Series 1996 Bonds, in the following account established by this Series 1996 Resolution for such purposes:

(a) Accrued interest and capitalized interest, if any, shall be deposited in an account designated "Dade County Fire Rescue Series 1996 Bond Principal and Interest Account" (the "Series 1996 Principal and Interest Account") which is hereby established within the County's Debt Service Fund for the purposes of paying principal and interest on the Series 1

Bonds. The amount of accrued interest and capitalized interest, if any, shall be set forth in the County Manager's Certificate.

(b) A portion of the proceeds of the sale of the Series 1996 Bonds, as determined in the County Manager's Certificate, shall be deposited in the Construction Account and disbursed as set forth in the Bond Ordinance to pay the costs of the 1996 Project. Any funds remaining in the Construction Account after the 1996 Project is completed shall be used first to pay costs related to the remainder of the Project and then used to pay the principal of or interest on the Bonds or to redeem, prior to maturity, the Bonds.

(c) A portion of the sale proceeds of the Series 1996 Bonds, as determined in the County Manager's Certificate, shall be deposited in a separate account designated "Dade County Fire Rescue Series 1996 Bond Cost of Issuance Account" (the "Series 1996 Costs of Issuance Account") which is hereby established and shall be disbursed for payment of expenses incurred in issuing the Series 1996 Bonds. Any balance remaining after payment or provision for payment of such costs and expenses has been made shall be transferred to the Construction Account and used to pay costs of the 1996 Project.

Section 5. Approval of Distribution of the Preliminary Official Statement; Approval of Official Statement. The use and distribution of the Preliminary Official Statement, substantially in the form which is on file at the County Clerk's office as Exhibit C to this Series 1996 Resolution, with such changes, deletions, insertions and omissions as may be approved by the County Manager in consultation with the Financial Advisors and the Finance Director, County Attorney and Co-Bond Counsel, is hereby approved. The Official Statement, in substantially

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the form of the Preliminary Official Statement, is hereby approved. The Chairperson authorized on behalf of the Board to execute and deliver the Official Statement, with such changes, insertions and deletions as shall be approved by the County Manager in consultation with the Financial Advisors, the Finance Director, Co-Bond Counsel and County Attorney, with the execution of such document to be conclusive evidence of the Board's approval of any such changes, insertions or deletions. The use and distribution by the Underwriters of the Official Statement in connection with the public offering and sale of the Series 1996 Bonds are hereby authorized and approved. If so requested by the Underwriters, the County Manager, after consultation with the Financial Advisors, Finance Director, County Attorney, and Co-Bond Counsel, is authorized to make any necessary certifications to the Underwriters with respect to the Preliminary Official Statement and the Official Statement as may be required under the provisions of Rule 15c2-12, as amended, of the Securities and Exchange Commission (the "Rule").

Section 6. Authorization to Negotiate for Municipal Bond Insurance. The County Manager is hereby authorized to enter into negotiations with one or more bond insurers for the issuance of a policy of municipal bond insurance to secure the Series 1996 Bonds; and if he determines in his discretion that it is beneficial for the County to obtain bond insurance, the County Manager is authorized and directed to execute and deliver such agreements as may be required by the bond insurer providing such bond insurance as a condition to the issuance of a bond insurance policy, with such terms, covenants, provisions and agreements as may be approved by the County Manager upon advice of the Financial Advisors and the Finance

Director and approval of the County Attorney and Co-Bond Counsel. The execution of such agreement or agreements for and on behalf of the County by the County Manager shall be conclusive evidence of the Board's approval thereof.

Section 7. Continuing Disclosure Commitment.

(a) The Board hereby agrees, in accordance with the provisions of, and to the degree necessary to comply with, the secondary disclosure requirements of the Rule, to provide or cause to be provided for the benefit of the beneficial owners of the Series 1996 Bonds (the "Beneficial Owners") to each nationally recognized municipal securities information repository ("NRMSIR"), and to the appropriate state information depository ("SID"), if any, designated by the State of Florida, the following annual financial information (the "Annual Information"), commencing with the Fiscal Year ended September 30, 1996:

- (1) Historical collections of the ad valorem taxes within the District in a form which is generally consistent with the presentation of such information in the Official Statement for the Series 1996 Bonds.
- (2) The County's Comprehensive Annual Financial Report utilizing generally accepted accounting principles applicable to local governments.

The information in paragraphs (1) and (2) above will be available on or before June 1 of each year for the preceding Fiscal Year, commencing June 1, 1997, and will be made available, in addition to each NRMSIR and the SID, to each Beneficial Owner of the Series 1996 Bonds who requests such information. The County's Comprehensive Annual Financial Report referred to in paragraph (2) above is expected to be available separately from the information

in paragraph (1) above and will be provided by the County as soon as practical after acceptance of such statements from the auditors by the County. The County's Comprehensive Annual Financial Report is generally available within eight (8) months from the end of the Fiscal Year.

(b) The County agrees to provide or cause to be provided, in a timely manner, notice to (i) each NRMSIR or to the Municipal Securities Rulemaking Board ("MSRB"), and (ii) the State of Missouri, notice of occurrence of any of the following events with respect to the Series 1996 Bonds if such event is material:

- (1) principal and interest payment delinquencies;
- (2) non-payment related defaults;
- (3) unscheduled draws on debt service reserves reflecting financial difficulties;
- (4) unscheduled draws on credit enhancements reflecting financial difficulties;
- (5) substitution of credit or liquidity providers, or their failure to perform;
- (6) adverse tax opinions or events affecting the tax-exempt status of the Series 1996 Bonds;
- (7) modifications to rights of holders of the Series 1996 Bonds;
- (8) bond calls;
- (9) defeasance;
- (10) release, substitution or sale of any property securing repayment of the Series 1996 Bonds (the Series 1996 Bonds are secured solely by the net proceeds of the ad valorem taxes levied on property within the District);
- (11) rating changes.

(c) The County agrees to provide or cause to be provided, in a timely manner, to (i) each NRMSIR or to the MSRB, and (ii) the SID, notice of its failure to provide the Annual Information with respect to itself on or prior to June 1 following the end of the preceding Fiscal Year.

(d) The obligations of the County under this Section shall remain in effect only so long as the Series 1996 Bonds are outstanding. The County reserves the right to terminate its obligations to provide the Annual Information and notices of material events, as set forth above, if and when the County no longer remains an "obligated person" with respect to the Series 1996 Bonds within the meaning of the Rule.

(e) The County agrees that its undertaking pursuant to the Rule set forth in this Section is intended to be for the benefit of the Beneficial Owners of the Series 1996 Bonds and shall be enforceable by such Beneficial Owners if the County fails to cure a breach within a reasonable time after receipt of written notice from a Beneficial Owner that a breach exists; provided that any such Beneficial Owner's right to obtain specific performance of the County's obligations under this Section in a Federal or State court located within the County and any failure by the County to comply with the provisions of this undertaking shall not be a default with respect to the Series 1996 Bonds.

(f) Notwithstanding the foregoing, each NRMSIR to which information shall be provided shall include each NRMSIR approved by the Securities and Exchange Commission prior to the issuance of the Series 1996 Bonds. In the event that the Securities and Exchange Commission approves any additional NRMSIRs after the date of issuance of the Series 1996

Bonds, the County shall, if the County is notified of such additional NRMSIRs, provide such information to the additional NRMSIRs. Failure to provide information to any new NRMSIR whose status as a NRMSIR is unknown to the County shall not constitute a violation of the Rule.

9 (g) Additionally, the requirements of subsection (a) above do not necessitate the preparation of any separate annual report addressing only the Series 1996 Bonds. The requirements of subsection (a) may be met by the filing of an annual information statement or the County's Comprehensive Annual Financial Report, provided such report includes all of the required annual information and is available by June 1 of each year for the preceding Fiscal Year. Additionally, the County may incorporate any information in any prior filing with each NRMSIR and the SID or included in any official statement of the County, provided such official statement is filed with the MSRB.

(h) The County reserves the right to modify from time to time the specific types of information provided or the format of the presentation of such information, to the extent necessary or appropriate in the judgment of the County; provided that the County agrees that any such modification will be done in a manner consistent with the Rule.

The County agreements as to secondary disclosure (the "Agreements") may only be amended if:

- (1) the amendment is made in connection with a change in circumstances that arises from a change in legal requirements, a change in law or a change in the identity, nature or status of the County or type of business conducted; the Agreements, as amended, would have complied with the

- requirements of the Rule at the time of award of the Series 1996 Bonds, after taking into account any amendments or change in circumstances; and the amendment does not materially impair the interests of the Beneficial Owners, as determined by parties unaffiliated with the County; or
- (2) all or any part of the Rule, as interpreted by the staff of the Securities and Exchange Commission at the date of the adoption of this Series 1996 Resolution, ceases to be in effect for any reason, and the County elects that the Agreements shall be deemed amended accordingly.

Any assertion of beneficial ownership must be filed, with full documentary support, as part of the written request described above.

The Board further authorizes and directs the Finance Director to cause all other agreements to be made or action to be taken as required in connection with meeting the County's obligations as to the Agreements. The Finance Director shall further be authorized to make such additions, deletions and modifications to the Agreements as he shall deem necessary or desirable in consultation with the County Attorney and Co-Bond Counsel. The execution of the final Official Statement containing any such additions, deletions and modifications for and on behalf of the County by the Chairperson shall be conclusive evidence of the Board's approval of any such additions, deletions and modifications.

Section 8. Further Authorizations. The Chairperson, the County Manager, the County Clerk, the County Attorney, the Finance Director and such other officers and employees of the County are authorized and empowered, collectively or individually, to take all action and steps

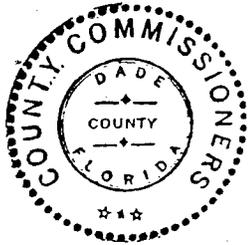
and to execute all instruments, documents and contracts on behalf of the County that necessary or desirable in connection with the execution and delivery of the Series 1996 Bonds and which are specifically authorized or are not inconsistent with the terms and provisions of the Bond Ordinance or this Series 1996 Resolution or any action relating to the Series 1996 Bonds which have been taken by the Board. Such officers and those so designated are hereby charged with the responsibility for the issuance of the Series 1996 Bonds.

Section 9. Severability. If any one or more of the covenants, agreements or provisions of this Series 1996 Resolution shall be held contrary to any express provisions of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions shall be null and void and shall be deemed separate from the remaining covenants, agreements or provisions of this Series 1996 Resolution or of the Series 1996 Bonds issued under this Series 1996 Resolution.

The foregoing Resolution was offered by Commissioner Javier D. Souto and moved its adoption. The motion was seconded by Commissioner Arthur E. Teele Jr. and upon being put to a vote, the vote was as follows:

James Burke	absent	Miguel Diaz de la Portilla
Betty T. Ferguson	aye	Maurice A. Ferre
Bruce Kaplan	aye	Gwen Margolis
Natacha S. Millan	aye	Dennis C. Moss
Alexander Penelas	aye	Pedro Reboredo
Katy Sorenson	aye	Javier D. Souto
	Arthur E. Teele, Jr.	aye

The Chairperson thereupon declared the resolution duly passed and adopted this
6th day of February, 1996.



DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

Approved by County Attorney as to
form and legal sufficiency.

By: **KAY SULLIVAN**
Deputy Clerk

Prepared by Co-Bond Counsel:
Eckert Seamans Cherin & Mellott
Otis Wallace, Esquire &
McCrary & Mosley

5. RESOLUTIONS (Cont.)

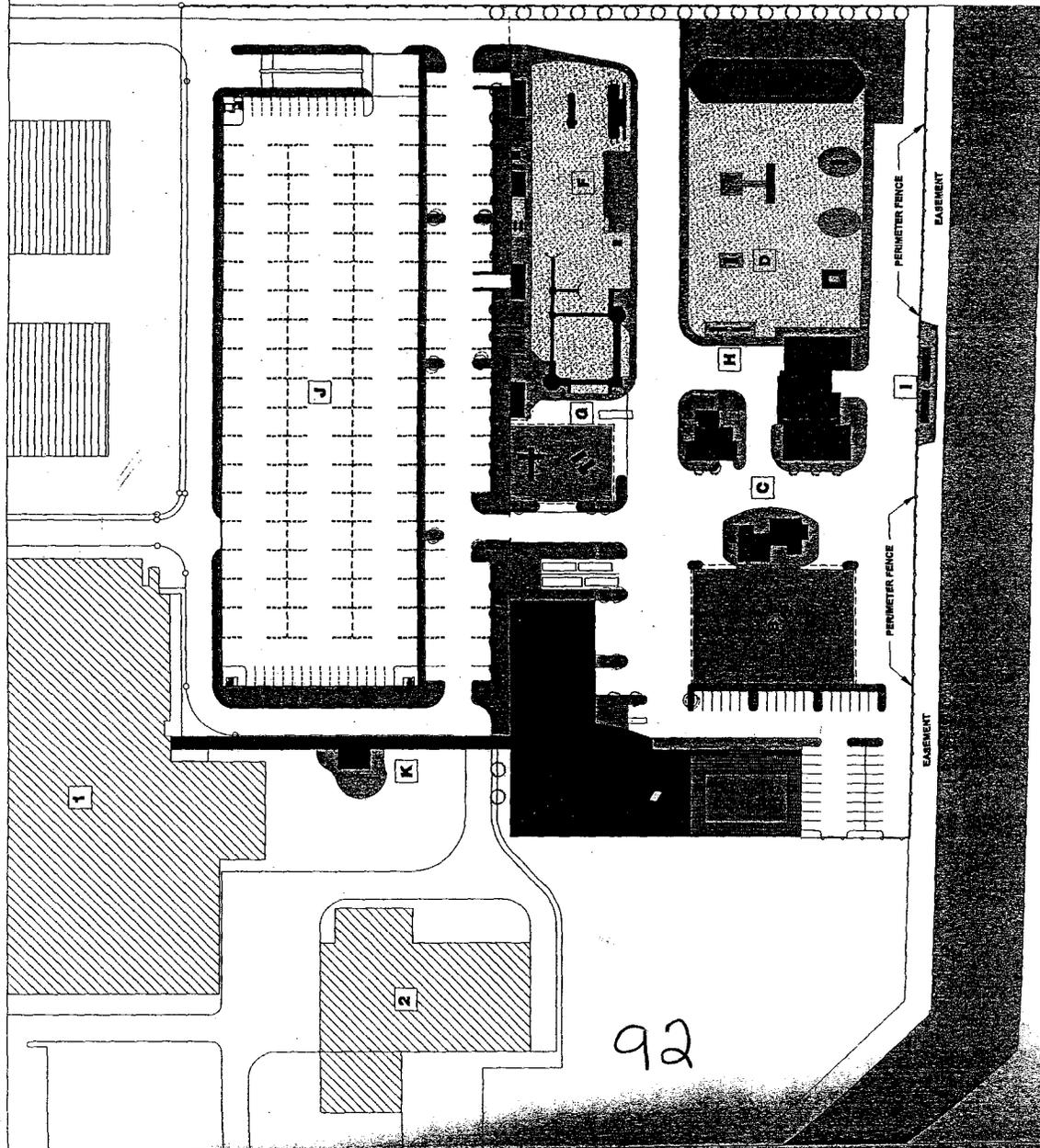
- (a) (13) Resolution authorizing issuance of not to exceed \$45,000,000 aggregate principal amount of Dade County, Florida Special Obligation Bonds, Series 1996 (Metro-Dade Fire and Rescue Service District) pursuant to Ordinance No. 95-130 to provide funds for acquisition and construction of various capital improvements for Fire and Rescue Service District and payment of costs of issuance of Series 1996 Bonds; providing for determination of principal amount, date, maturities, amortization requirements, optional redemption provisions, interest rates, Paying Agent, Bond Registrar and other details of bonds by County Manager within limitations set forth herein; authorizing public sale by competitive bid of bonds; approving form of Notice of Sale and Official Bid Form; authorizing County Manager to award bonds and accept bid with lowest true interest cost determined in accordance with Notice of Sale; establishing funds and accounts for bonds; approving form and distribution of Preliminary Official Statement and execution, delivery and distribution of Official Statement; providing for continuing disclosure commitment; authorizing County Manager to negotiate for Municipal Bond Insurance; and authorizing certain officials and employees of County to take all actions required in connection with issuance of said bonds. (Finance Department)
- FINANCE AND TRUST FUNDS**
COMMITTEE 1/24/96

Adopted.
Resolution R-103-96
Moved: Souto
Seconded: Teele
Vote: 11-0
Absent: Burke, Reboredo

Conceptual Plan

CONCEPTUAL PLAN

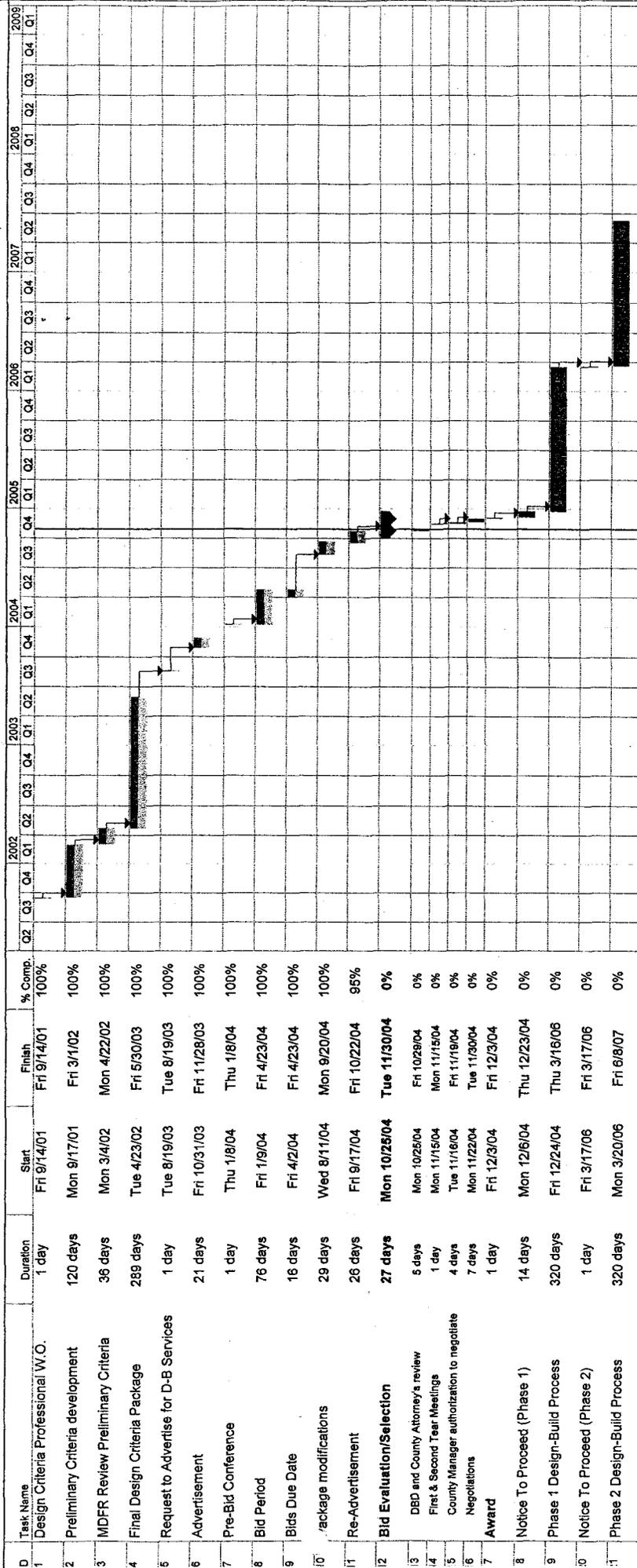
- 1** EXISTING MOPID HEADQUARTERS BUILDING
- 2** EXISTING MOPID MAINTENANCE BUILDING
- A** NEW 3 STORY TRAINING FACILITY ADMINISTRATION BUILDING
- B** NEW COVERED TRAINING STRUCTURE
- C** NEW TRAINING TOWER AND BURN BUILDINGS
- D** NEW LIVE FIRE TRAINING AREA
- E** PROPOSED MANTIME FIRE TRAINING PROP
- F** NEW HAZARDOUS MATERIALS TRAINING AREA
- G** NEW CONFINED SPACE RESCUE TRAINING AREA
- H** NEW PROPANE STORAGE
- I** NEW CANAL DRAFTING STATION
- J** NEW 2 STORY PARKING STRUCTURE
- K** NEW COVERED WALKWAY AND REST AREA



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Preliminary Project Schedule

MIAMI-DADE FIRE RESCUE DEPARTMENT
Facilities & Construction Division
PRELIMINARY SCHEDULE FOR TRAINING COMPLEX



Summary
 Project Summary
 External Tasks
 External Milestone
 Milestone
 Progress
 Task
 Split
 Deadline

94

1996 Budget
Phase I Training Site

1996 Capital Budget – Phase I – Headquarters Training Site

Training Complex Components – Facilities
Construction Division

Description	Estimated Cost				
	Sq. Ft.	\$/Sq.Ft	Structure	Equipment	TOTAL
Classroom Facility	50,000	\$120.00	\$ 6,000,000.00	\$1,000,000.00	\$ 7,000,000.00
			\$ -		\$ -
			\$ -		\$ -
Tower	5,000	\$ 75.00	\$ 375,000.00	\$ 500,000.00	\$ 875,000.00
a. Search & Rescue (Maze)					
b. Observation Control Tower (Top Floor)					
Burn Building (2 story)	1,000	\$ 75.00	\$ 75,000.00	\$1,000,000.00	\$ 1,075,000.00
a. Simulation Structural Burn Building					
b. Simulation Smoke and Heat					
Swimming Pool (Olympic Size)					
a. Swimming Pool with diving section			\$ 400,000.00	\$ 100,000.00	\$ 500,000.00
b. Lockers/Showers	1,000	\$ 75.00	\$ 75,000.00	\$ -	\$ 75,000.00
c. Restrooms	600	\$ 75.00	\$ 45,000.00	\$ -	\$ 45,000.00
d. Storage for chemicals	300	\$ 75.00	\$ 22,500.00	\$ -	\$ 22,500.00
e. Storage for materials	500	\$ 75.00	\$ 37,500.00	\$ -	\$ 37,500.00
			\$ -		\$ -
Survival City	13,000	\$ 75.00	\$ 975,000.00	\$ 500,000.00	\$ 1,475,000.00
a. Fire Flow Laboratory	400				
b. Suppression Simulation Laboratory	400				
c. Haz Mat Simulation Laboratory	400				
d. Pump Simulation Laboratory	400				
e. ACLS Laboratory	400				
f. Warehouse Simulation	4,000				
g. Single Family Home Simulation	1,200				
h. Duplex Home Simulation	2,400				
i. Three Story Apt. Simulation	3,000				
j. Arson Investigation Room (Simulation)	400				
EVOC/Driving Skill Area	100,000	\$ 4.00	\$ 400,000.00	\$ 100,000.00	\$ 500,000.00
a. Paving Area					
b. Storage Area	1,000	\$ 75.00	\$ 75,000.00	\$ -	\$ 75,000.00
c. Restrooms	1,000	\$ 75.00	\$ 75,000.00	\$ -	\$ 75,000.00
Hazardous Materials Area (Haz Mat)	25,000	\$ 10.00	\$ 250,000.00	\$ 400,000.00	\$ 650,000.00
a. RailRoad Simulation					
b. Overturned Tank Simulation					
c. Above Ground Tank Simulation					
e. Storage Area	1,000	\$ 75.00	\$ 75,000.00	\$ -	\$ 75,000.00

(Capital budget continued next page...)

Description	Sq. Ft.	\$/Sq. Ft.	Structure	Equipment	Total
Training Fire Rescue Station	4,000	\$ 75.00	\$ 300,000.00	\$ -	\$ 300,000.00
a. Two Bay Apparatus Area					
b. Storage Area/EMS					
Aircraft Rescue Simulator	60,000	\$ 10.00	\$ 600,000.00	\$1,800,000.00	\$ 2,400,000.00
a. Search, Rescue, Suppression					
Marine Fire Fighting	60,000	\$ 10.00	\$ 600,000.00	\$ 100,000.00	\$ 700,000.00
a. Shipboard simulation					
Technical Rescue Area	100,000	\$ 10.00	\$ 1,000,000.00	\$ 100,000.00	\$ 1,100,000.00
a. Simulated Collapsed Structure					
b. Vehicle Extrication					
c. Well Extrication					
d. Cave-in Simulation					
e. Storage	1,000	\$ 75.00	\$ 75,000.00		\$ 75,000.00
Metrorail Simulation	30,000	\$ 15.00	\$ 450,000.00	\$ -	\$ 450,000.00
a. Mass Transit Elevated Structure					
Lake	80,000	\$ 4.00	\$ 320,000.00	\$ 50,000.00	\$ 370,000.00
a. Search & Rescue (12'-20' deep)					
b. Storage Area	1,000	\$ 75.00	\$ 75,000.00		\$ 75,000.00
c. Restroom Area	400	\$ 75.00	\$ 30,000.00		\$ 30,000.00
LPG Fuel Pit	60,000	\$ 10.00	\$ 600,000.00	\$ 800,000.00	\$ 1,400,000.00
a. Tank prop simulation					
Parking	250,000	\$ 2.00	\$ 500,000.00	\$ -	\$ 500,000.00
a. Surface Parking					
Covered Area for Evolutions (Haz Mat)					
a. Storage Area	800	\$ 75.00	\$ 60,000.00	\$ -	\$ 60,000.00
b. Restroom Area	400	\$ 75.00	\$ 30,000.00	\$ -	\$ 30,000.00
Covered Area for CPAT					
a. Structure	22,500	\$ 15.00	\$ 337,500.00	\$ -	\$ 225,000.00
b. Paved Course	22,500	\$ 4.00	\$ 90,000.00	\$ -	\$ 90,000.00
c. Storage Area	800	\$ 75.00	\$ 60,000.00	\$ -	\$ 60,000.00
TOTAL			\$ 15,020,000.00	\$6,450,000.00	\$ 21,470,000.00