

SUMMARY OF SHORELINE CONDITIONS

Prepared 8/85 - Metro-Dade Planning

Area	Total Linear Feet*	Vertical			Shoreline in Poor Condition	Publicly Owned Areas in Poor Condition
		Bulkheaded/ Natural Rock	Unconsolidated	Riprapped		
MOUTH TO I-95 North Bank	4839'	4458'	231'	159'	450' bulkheaded 231' unconsolidated	100' Metrorail R-o-W
South Bank	4263'	3989'	229'	45'	887' bulkheaded 229' unconsolidated	100' Metrorail R-o-W
I-95 TO 5 ST. North Bank	4012'	3390'	472'	150'	700' bulkheaded 622' unconsolidated	270' R-o-W E of 5 St.
South Bank	4077'	2922'	405'	750'	45' bulkheaded 255' unconsolidated	none
5 ST. TO 12 AVE. North Bank	3365'	3215'	150'	0	600' bulkheaded	none
South Bank	3425'	3210'	215'	0	215' unconsolidated	100' +/- E of 12 Ave.
12 AVE. TO 17 AVE. North Bank	3990'	3340'	650'	0	650' unconsolidated	450' R-o-W E of E-W
South Bank	3685'	2505'	1180'	0	115' bulkheaded	115' R-o-W end 16 Ave.
17 AVE. TO 22 AVE. North Bank	6226'	4766'	1331'	150'	121' unconsolidated 790' bulkheaded	121' R-o-W at 17 Ave.
South Bank	3602'	2627'	975'	0	900' unconsolidated	750' Sewell Park
22 AVE. TO 27 AVE. North Bank	5568'	4578'	940'	50'	565' unconsolidated 75' bulkheaded	525' Curtis Park 40' R-o-W W of Curtis
South Bank	6525'	6025'	150'	350'	450' poor riprap & rubble	none
27 AVE. TO DAM th Bank	9000'	9000'			1500'	75' R-o-W end 29 Ave.
South Bank	10300'	10300'			1350'	So. River Dr. R-o-W in Tamiami Canal

*includes inlets

APPENDIX B

DETERIORATING/SUBMERGED/PARTIALLY SUBMERGED VESSELS ALONG THE MIAMI RIVER - 1985

15

Prepared by Metro-Dade County Planning Department (7/85 RWS)

<u>LOCATION</u>	<u>SIDE OF RIVER</u>	<u>NOTES</u>
So. of 1st St. Bridge	West	Partially submerged open rec. vessel (2)
Behind fenders of Flagler Br.	East	Bottom filled open vessel/FL 8502 F (1)
National Fisheries Docks	West	Sunken vessel (2)
City ROW of 5 Ave. Br./Hera	North	Almost totally submerged under bow of Miss Tania/FL 0083 AE (1)
Seybold Canal/Wagner Creek	East	(1)
Seybold Canal/Wagner Creek	West	DV 06217 (1)
Seybold Canal/Wagner Creek	East	Tied to tree/DV 06218/Across from DV 06217 (1)
Seybold Canal/Wagner Creek	End	FL 3458 EM (1)
Seybold Canal/Wagner Creek	East	Newly partially submerged (2)
Under 836 E/W X-way	South	Sunken houseboat/DV 06219 (1)
South Fork/Comfort Canal		FL 5243 AL (1)
South Fork/Comfort Canal		Partially submerged (1)
Nuta's Boat Yard	North	(1)
Nuta's Boat Yard	North	DV 06205 (1)
Nuta's Boat Yard	North	DV 06206 (1)
Nuta's Boat Yard	North	(1)
Nuta's Boat Yard	North	DV 06207 (1)
East of 22 Ave. Bridge	South	RV Thunderbolt listing, resting on bottom (1)
East of 22 Ave. Bridge	South	Mary Ann I listing (2)
West of 22 Ave. Bridge	South	Andro (1)
East of 27 Ave. Bridge	North	(1)
West of 27 Ave. at 36 Ave.	North	2 x Partially submerged (2)
West of 27 Ave. at 37 Ave.	North	Partially submerged (2)
East of RR Bridge	North	Totally submerged barge except superstructure Blocks part of navigational channel (2)
Palmer Lake	South	4 x Submerged vessel (2)
Palmer Lake	South	Partially submerged w/FL reg. (2)

(1) noted 6/14/85 by City of Miami Marine Patrol

(2) noted 7/10/85 by City Marine Patrol and Metro-Dade County Planning Department

Additional deteriorating/submerged vessels are located west of the RR bridge and possibly in other private marinas along the river. A complete visual survey is needed to complete list.

APPENDIX C

Miami River Management Committee

Suite 1201, City National Bank Building
25 West Flagler Street
Miami, Florida 33130-1780
Telephone (305) 358-2800



BOB GRAHAM
GOVERNOR

Bob Parks
Chairman

David Block
Cochairman

Members:

Peter Anderson

William Brown

Walter Byrd

Hilario Candela

Plato Cox

William Cullom

Lynn Dannheisser

John DeGrove

Emily Dieterich

Joe Fernandez

Dorothy Fields

Elton Gissendanner

James Merrill

Paul Pappas

Sergio Pereira

Marilyn Reed

Robert Rich

Carol Rist

Doug Roberts

Merrett Stierheim

Victoria Tschinkel

George Varki

Albert Veliky

Alfred L. Weisbrod

John Wodraska

FROM THE BUSINESS AND FINANCE SUBCOMMITTEE ---

Your problems as the owner or operator of a business along the Miami River are a major concern of our committee. Since Governor Bob Graham established the Miami River Management Committee, we have tried to assess which of the many problems under study by the Miami River Management Committee have the greatest impact on water dependent businesses. You can help our efforts to help you by answering the questions in our brief survey. Please return your response to the address indicated above. Thank you.

- 1. NAME OF FIRM
2. ADDRESS
3. TYPE OF BUSINESS
4. YEAR BUSINESS WAS ESTABLISHED
5. NUMBER OF EMPLOYEES

6. Please indicate below what special problems related to your location on the Miami River have a negative impact on the operation and profitability of your business. (Please list in order of importance).

Blank lines for handwritten answers to question 6.

7. Please respond to the following by checking the appropriate answer:

- yes/no options for questions about water-related businesses, recreational activities, commercial customers, and tourist trade.

8. What positive steps could be taken to help existing and new businesses along the river. (Please be specific). Attach another sheet if necessary.

Blank lines for handwritten answers to question 8.

- 9. Name of person responding
10. Title Date

APPENDIX D

REQUEST FOR PROPOSALS

CITY OF MIAMI
ECONOMIC STUDY OF
THE MIAMI RIVERCITY OF MIAMI

MAURICE A. FERRE, Mayor
JOE CAROLLO, Vice Mayor
DEMETRIO PEREZ, Commissioner
MILLER DAWKINS, Commissioner
J.L. PLUMMER, Commissioner

SERGIO PEREIRA, City Manager

Proposals Due: November 29, 1985, 4:00 PM

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City of Miami

SERGIO PEREIRA
City Manager

PUBLIC NOTICE

**CITY OF MIAMI, FLORIDA
REQUEST FOR PROFESSIONAL SERVICES
FOR AN
ECONOMIC STUDY OF THE MIAMI RIVER**

The City of Miami, Florida through the Planning Department is inviting qualified and experienced professionals with emphasis on economic development consultants to submit proposals for the preparation of an economic study of the Miami River. The study will focus on the survey and analysis of existing economic activity and potential growth of marine related uses and industries along the River, with summary recommendations for economic development strategies to strengthen marine industries.

Interested firms must contact the City of Miami, Planning Department, Urban Design Division, 275 N.W. 2nd Street, Miami, Florida, 33128, Telephone (305)579-6086 for the Request for Proposals Document. This document contains detailed and specific information about the study and submission requirements. Deadline for submission is Friday November 29, 1985.

ADV. 0559

Sergio Pereira
City Manager

II. DESCRIPTION OF OVERALL STUDY

The City of Miami is initiating a twenty four month long project to prepare a comprehensive inventory, analysis and growth management plan for the Miami River and abutting properties affected by and affecting riverfront activities. This comprehensive planning study will:

- A. Initiate a study of the economic base and potential growth of marine related uses and industries along the Miami River.
- B. Provide a long term economic development strategy and growth management policies for maintaining and strengthening marine oriented uses along the river.
- C. Propose comprehensive development policies and implementation measures to achieve long term objectives for optimizing access to use of, and protection of, the waterfront with special focus given to open space public access, mixed-uses, boat facilities and services, specialty retail opportunities and urban design controls.

As mentioned above, the entire project is estimated to be a two year effort. The City of Miami Planning Department will be responsible for carrying out this project with the assistance of an economic consultant. This request for proposals is for services of an economic consultant to provide the City with an economic base study as described in Section III, Scope of Services. The work for this contract is estimated to be a six month effort out of the two year study. In an effort to give the consultant a better understanding of the purpose for soliciting his/her services and how their results will be used, below is a list of the following areas that the Planning Department staff will be addressing in the preparation of a Comprehensive Growth Management Plan for the river.

- A. Base Surveys - general land use survey and analysis, access/barrier analysis for marine related activities and public waterfront properties. Preparation of up-dated base mapping including river shoreline conditions and improvements, flood zone and navigation conditions/limitations, summary matrices of land use changes, trends, land costs, assessed values, developability and susceptibility to change.
- B. Master Land Use Plan Proposals addressing marine use categories for industrial, commercial, marinas, marine supply/services, commercial fishing, and recreational boating activities; special district designations for commercial specialty center/entertainment/dining uses and mixed use residential/retail development with water orientation and river access; and multi-family residential/marina use-districts.

- C. Transportation/Access plan - Recommendations to improve vehicular/services access to riverfront industrial/commercial property, public pedestrian access to commercial/marina/open space and waterfront recreation facilities from adjacent activity and residential centers. Roadways improvements, riverwalks, pedestrian easements, open space linkages and public access requirements are to be developed as schematic recommendations.
- D. Public Improvement Program - Recommendations for public marinas, shoreline stabilization/enhancement, navigation improvements and public recreation activities including open space development.
- E. Zoning District Legislation Implementation recommendations for special public interest overlay zones, design guides and standards, mixed use performance standards, historic site and district regulations and zoning district mapping changes.
- F. Capital Improvement Programming - funding strategies for public and private sector implementation of priority improvement recommendations including joint-use/joint public/private, private/private strategies for incorporating marine oriented facilities and services in private development of residential and commercial projects.

III. SCOPE OF SERVICES

The Planning Department will manage the study with primary work effort and expertise provided through consultant services. The study contract shall include the following general scope of services:

- A. Determine status of riverfront and associated parcels by identifying primary land use, type and intensity of development, property value, recent property sales, number of dwelling units and types, business, name, type, and number of years at present location and condition of property. On site examination and property owner/business surveys should determine employment characteristics, primary trade characteristics, relationship to support industries services, seasonal variations in sales and employment, business market and trends, changes, and future expansion needs, plans and relocation needs.
- B. The study should examine local sources of information, for historical, regional and local trends in the marine industry growth, marine services and marina facility needs, and compare these with activity and trends of marine related uses on the Miami River and Seaport. The study should assess all riverfront areas for different types of marine-related uses by type and suitability. The feasibility of mixed-use developments, combining marine related activity with office, commercial and residential uses should be examined and potential incentives supportive of enhanced marine use identified.
- C. Future market demand for marine related activities should be estimated and projected for the Miami River sector. The consultants should determine existing and potential constraints to the development of marine industrial/service/ recreational use of waterfront properties and should determine effective measures to ease these constraints. A detailed and area specific marine industrial, marine-related services, and marine recreational development and funding strategy should be recommended.

IV. PROPOSAL REQUIREMENTS

Respondents to this invitation are advised that the following items must be considered and adhered to in the development of proposals and will be critically evaluated by the Selection Committee. Failure to provide all required information may result in disqualification of the proposal.

- A. Identity of respondent, including organizational structure and names and addresses of principals.
- B. Description of overall experience and qualifications of the firm or individual respondent.
- C. Description of respondents' relevant project experience.
- D. Identification of staff that will be assigned to the proposed study and evidence of their professional qualifications. (Please provide resumes of key individuals to be involved).
- E. Description of minority participation pursuant to the goals set forth in City of Miami Ordinance 9775 (attached as Appendix A). Include affirmative action policy statements and a statistical breakdown of all employees.
- F. Provide a list of work done for the City of Miami in the past five years.
- G. A full description of study methodology and organization including procedures for data collection, processing and array, analysis methods, modeling techniques if any, scheduling of major study phases, as well as an overview of the format for presentations and findings.

V. SUPPLEMENTARY INFORMATION TO BE PROVIDED BY THE CITY

To assist in the implementation of this study, the Planning Department shall make available the following plans, studies, services and data for the consultants use. However, this list should not be construed as requirements that all available data is expected to be incorporated into the methodology for growth projections.

- A. Studies completed in recent years.
- B. Selective data from the Dade County Property Tax Appraiser File.
- C. The City of Miami 1979 Urban Information System File, which includes city-wide land use survey information for 1960 and 1975.
- D. Analysis of the 1982 Economic Census for the local area.
- E. Population and employment projections by traffic zone for the years 1980, 1990 and 2005.
- F. City of Miami occupational license data file.

VI. PROCEDURE FOR CONSULTANT SELECTION

The procedures for consultant selection and contract negotiations for professional services for an economic study of the Miami River with major emphasis on the marine industry and related activities will be similar to those contained in the Consultant's Competitive Negotiation Ordinance of the Miami Code.

A committee will be appointed by the City Manager to evaluate each consultant proposal. The committee will review the written proposals in relation to the criteria set forth in Section VIII herein and will select a number of those firms found to be most qualified to be invited for presentations and interviews. Following the interview, the committee will once again evaluate, rank the proposals and forward a recommendation to the City Manager and City Commission for approval to enter into contract negotiations with the top ranked consultant. After the contract has been negotiated, it will be presented to the City Commission for approval. The composition of the Competitive Selection Committee is anticipated to be as follows:

- Sergio Rodriguez, Director, Planning Department, Chairperson
- Representative, City of Miami, Department of Economic Development
- Representative, City of Miami, Department of Community Development
- Representative, City of Miami, Building and Zoning Division, Fire, Rescue and Inspection Services Department
- Representative, City of Miami, City Manager's Office
- Representative, City of Miami, Department of Public Works
- Representative, City of Miami, Special Projects Division
- Representative, Dade County Planning Department
- Representative, Dade County Public Works
- Representative, Miami River Management Committee
- Representative, Marine Council
- Representative, Watson Island Developers

It is anticipated that the membership of the Consultant Selection Committee will also form the basis of membership of a Technical Review Committee.

VII. TENTATIVE SCHEDULE FOR CONSULTANT SELECTION

Following is a list of steps in the process along with tentative dates:

Date	Action
Nov. 29, 1985	Deadline for submission of consultant proposals.
Dec. 3, 1985	Selection committee reviews written proposals and selects those firms found to be most qualified to be invited for interviews.

- Dec. 13, 1985 Selection committee interviews those firms found to be most qualified, completes evaluation and rankings, and forwards a recommendation to the City Manager.
- Jan. 9, 1986 City Manager reviews selection committee recommendations and forwards a resolution with recommendation for contract negotiation with the top ranked firm. Commission approves recommendation.
- Feb. 13, 1986 Negotiations completed and final contract submitted for City Commission agenda. City Commission approves contract. Consultant begins work.
- August, 1986 Consultant completes work.

VIII. EVALUATION CRITERIA

The following Criteria will be used by the Selection Committee to evaluate consultant proposals. Percentages listed in the left hand column indicate the relative weight that will be placed upon each of the criteria.

- 30% 1. PROPOSED STUDY DESIGN AND METHODOLOGY
- (a) Extent to which the proposal's stated objectives meet the requirements of the City as stated in the RFP.
 - (b) Scope and limitations of the proposed Study.
 - (c) Quality of Study methodology to be employed.
 - (d) Provisions for recording and transfer of data and analysis to City.
 - (e) Appropriateness of proposed Study time schedule.
- 25% 2. THE EXPERIENCE AND QUALIFICATIONS OF THE FIRM, INCLUDING SPECIFIC EXPERIENCE ON SIMILAR STUDIES
- (a) Qualifications and experience of firm and principals.
 - (b) Past experience of the firm in the preparation of the specific type of related studies.
 - (c) Quality and organization of management team.
 - (d) Familiarity with local economic conditions.
- 15% 3. THE EXPERIENCE AND QUALIFICATIONS OF THE STAFF ASSIGNED TO THE PROJECT
- 15% 4. PROVISIONS FOR COORDINATION OF THE STUDY WITH THE TECHNICAL REVIEW COMMITTEE
- (a) Location of office where work is to be performed.
 - (b) Availability of key project staff.
 - (c) Number of meetings scheduled between project staff and the Technical Review Committee.

15% 5. EXTENT OF MINORITY PARTICIPATION (LATIN & BLACK)

- (a) Minority participation within the development and management team with priority given to 1) minority firm and 2) minority subconsultants 3) others

IX. PROJECT FUNDING AND TIMETABLE

Funding for the proposed contract for professional services to provide an economic study of the Miami River with emphasis on marine and related activities is as follows:

\$35,000 Grant, US Department of Commerce, National Oceanic and Atmospheric Administration (these funds will be available after October 1, 1985).

\$20,000 Dade County matching funds.

\$20,000 City of Miami matching funds.

\$75,000 TOTAL AVAILABLE

The actual amount of the consultant contract is subject to negotiation with the objective of achieving the most efficient use of public funds.

The consultant will be allocated a maximum of 180 calendar days to complete the work from the date of contract execution. Penalties may be included in the contract for failure to meet the work schedule.

X. SUBMISSION OF PROPOSALS

Submissions marked "Economic Study of the Miami River" must be addressed to:

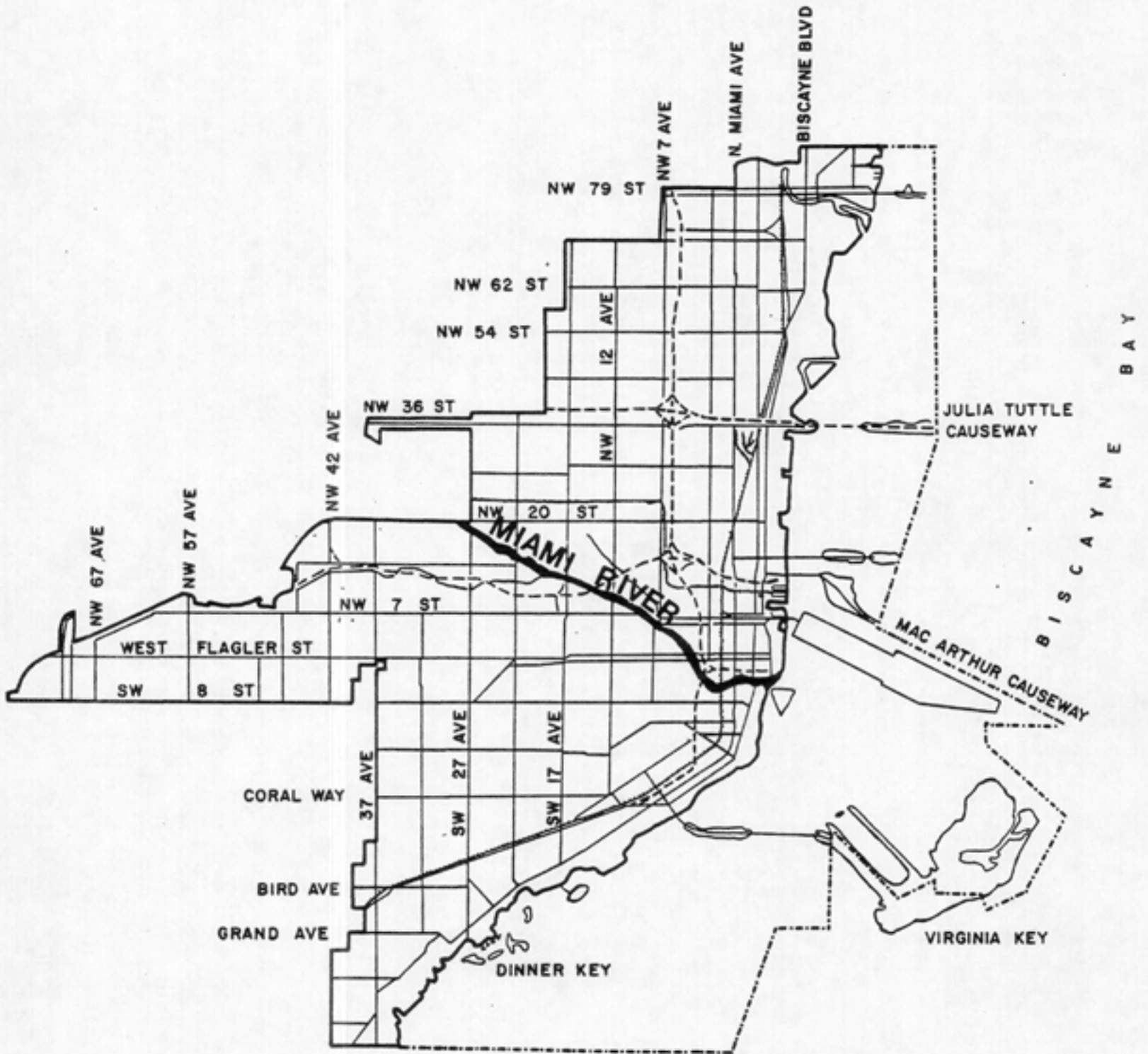
Sergio Rodriguez, Director
City of Miami, Planning Department

Proposals are to be received at:

Office of the City Clerk
City of Miami
3500 Pan American Drive
Miami, Florida 33133

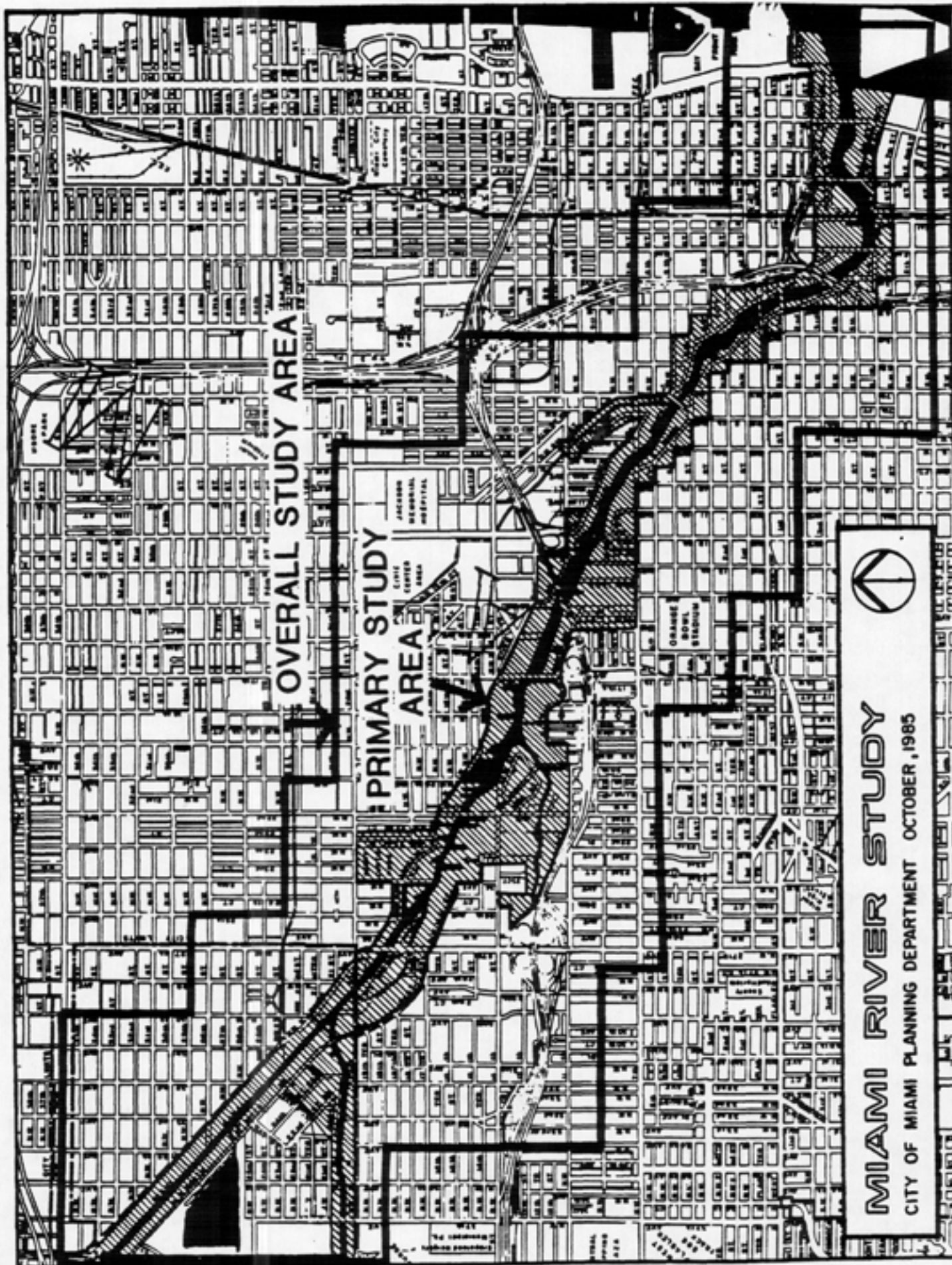
One original and nine copies of each proposal are to be submitted before 4:00 PM, Friday, November 29, 1985 to the City Clerk's Office. The time deadline and location will be firmly adhered to. No proposals will be accepted after that time or at any other city office location.

The City of Miami reserves the right to accept any proposal deemed to be in the best interest of the City, to waive any irregularities in any proposal, or to reject any and all proposals and to re-advertise for new proposals. **Contract award and execution is contingent on a state grant award and other matching funds.**



MIAMI RIVER STUDY
CITY OF MIAMI PLANNING DEPARTMENT OCTOBER, 1985





J-83-745

ORDINANCE NO. 9775

AN ORDINANCE REPEALING ORDINANCE NO. 9341, AS AMENDED, AND ORDINANCE NO. 9530, AS AMENDED, BOTH DEALING WITH MINORITY PROCUREMENT, AND SUBSTITUTING THEREFOR A NEW MINORITY PROCUREMENT ORDINANCE TO BE KNOWN AND CITED AS "THE MINORITY PROCUREMENT PROGRAM ORDINANCE OF THE CITY OF MIAMI, FLORIDA", SETTING FORTH A GOAL OF AWARDING 50% OF THE CITY'S TOTAL DOLLAR VOLUME OF ALL EXPENDITURES FOR ALL GOODS AND SERVICES, TO BLACK AND HISPANIC MINORITY BUSINESS ENTERPRISES ON AN EQUAL BASIS; CONTAINING DEFINITIONS AND OBJECTIVES; ESTABLISHING A MINORITY PROCUREMENT COMPLIANCE BOARD; REQUIRING CERTAIN CONTRACT PROVISIONS AND MEASURES FOR IMPLEMENTATION OF SAID GOAL; AND CONTAINING A REPEALER PROVISION AND A SEVERABILITY CLAUSE.

WHEREAS, Ordinance No. 9341, as amended, and Ordinance No. 9530, as amended, both dealing with minority procurement, have been found to be in need of revision and modification to facilitate the establishment of a uniform and effective minority procurement policy and program; and

WHEREAS, the City Commission wishes to adopt legislation which will set forth a goal of awarding 50% of the City's total dollar volume of all expenditures for the procurement of all goods and services, to Black and Hispanic minority business enterprises on an equal basis; and

WHEREAS, this action of the City Commission, in repealing Ordinance No. 9341, as amended, and Ordinance No. 9530, as amended, both dealing with minority procurement, and in adopting and substituting therefor this minority procurement ordinance is authorized pursuant to Charter of the City, Sections 52 and 53; and the Municipal Home Rule Powers Act of 1973, Chapter 166.011 et seq., Florida Statutes, as amended; and

WHEREAS, the proposed procurement policy contains requirements that those who contract with the City of Miami shall not discriminate against any employee or applicant for employment because of age, race, creed, color, religion, sex, national

origin, handicap, or marital status; and

WHEREAS, those who contract with the City are required to take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their age, race, creed, color, religion, sex, national origin, or marital status; and

WHEREAS, more than 50% of the population of the City of Miami is composed of Blacks and Hispanics; and

WHEREAS, Blacks and Hispanics who occupy certain professions and occupations, including, but not limited to, architects, engineers, certified public accountants, financial advisors, attorneys, general contractors, and skilled members of building trades, have been disproportionately under-represented in the pool of persons who occupy positions in the foregoing trades or professions; and

WHEREAS, the City Commission finds that the disproportionate under-representation by Blacks and Hispanics in the foregoing trades and professions has been due to denial of opportunities for training, education, and acquisition of experience by virtue of historical discrimination based upon race or national origin; and

WHEREAS, the City Commission finds that the foregoing denial of opportunity has caused discrimination against Blacks and Hispanics in the foregoing professions and trades when they seek business opportunities from the City of Miami; and

WHEREAS, proper remedies are available to eradicate the residual effects of unlawful prior discrimination by the City of Miami against Blacks and Hispanics which is hereby found to have existed in the past with respect to expenditures for goods and services by City; and

WHEREAS, it is necessary and desirable to establish a procurement program for expenditures for all goods and services provided by the City of Miami; and

WHEREAS, this ordinance will prevent the perpetuation of the effects of prior unwarranted discrimination which has heretofore impaired or foreclosed opportunities for Blacks and Hispanics to provide goods, services, supplies, equipment, furnishings, and fixtures to the City of Miami; and

WHEREAS, the City of Miami pursues its policy of affirmative action to make whole the victims of prior discrimination by the City of Miami; and

WHEREAS, implementation of this Ordinance will serve the best interest of the City and will maximize the opportunity for small business concerns owned and controlled by Blacks and Hispanics to participate in expenditures of the City for all goods and services;

NOW, THEREFORE, BE IT ORDAINED BY THE COMMISSION OF THE CITY OF MIAMI, FLORIDA:

Section 1. Short Title. This Ordinance shall be known and may be cited as "The Minority Procurement Program Ordinance of the City of Miami".

Section 2. Definitions. For the purpose of this Ordinance, the following terms, phrases, words, and their derivations shall have the following meanings:

A. Business Enterprise means any corporation, partnership, individual, sole proprietorship, joint stock company, joint venture, or any other legal entity that is properly licensed to do business with the City of Miami.

B. Minority Business Enterprise means a business enterprise performing or offering to perform a contract for public construction in the City of Miami in which at least 51 percent of said enterprise is owned by either a Black American or Hispanic American, or at least 51 percent of stock outstanding is owned collectively or individually by either a Black American or a Hispanic American; and whose management and daily business operations are controlled by one or more Black or Hispanic Americans.

C. Contracts mean contracts for the procurement of goods or services by the City of Miami.

D. Facilities means all publicly financed projects including, but without limitation, unified development projects, municipal public works, and municipal improvements to the extent they are financed through public money, property, or services.

E. Goods and services includes, without limitation, public works, improvements, facilities, professional services, commodities, supplies, materials and equipment. All purchases of supplies, materials, equipment, and contractual services, including professional services, needed by the City shall be made in accordance with the goal set forth herein.

Section 3. A minority procurement program is hereby established setting forth a goal of awarding 50% of the City's total dollar volume of all expenditures for all goods and services to Black and Hispanic minority business enterprises to be apportioned as follows: twenty-five (25) percent to Blacks and twenty-five (25) percent to Hispanics.

Section 4. Until changed by ordinance, the objective of the City is to achieve a goal of awarding 50% of the total dollar volume of all expenditures for all goods and services to Black and Hispanic minority business enterprises.

Section 5. (a) The City Manager shall have responsibility for the implementation of the minority procurement program. For the purpose of assisting the City Manager in the implementation of said program, a minority procurement compliance board is hereby established, consisting of five members appointed by the City Commission. The members of said board shall serve for a term of four years; the City Commission shall appoint the chairperson; the board shall establish written rules of procedure which rules shall be subject to approval of the City Commission; one member of the board shall be a City Commissioner. Said board shall certify yearly to the City Commission the observance of the requirements of this ordinance.

(b) All requests for proposals, offers, bid specifications, contracts, and other such documents relating to the construction and operation of the facilities described in Section 2D, above, shall contain the following:

(1) A specific reference to the applicability of the minority procurement program established by this ordinance;

(2) A provision setting forth the right of the city to terminate any contract or contractual arrangement entered into on the basis of false or misleading information as to the status as a minority business enterprise;

(3) A requirement that each successful bidder or offeror agree to provide a sworn statement of compliance with the provisions of this ordinance;

(4) A statement of the extent to which local chronically unemployed Blacks and Hispanics will be utilized to fill unskilled labor positions, and the extent to which the potential business enterprise will establish skilled-labor training programs for said unskilled Blacks and Hispanics; and

(5) A statement of the extent to which the business enterprise has as one or more of its partners or principals natural persons who are Blacks or Hispanics.

(c) Except as prohibited by law, after the payment of all operating expenses and debts, and after the funding of a maintenance refurbishing account for the facilities defined in Section 2D above, and after consideration of the total fiscal-year budget, a portion of all net profits from the operation of said facilities is to be placed in a special account which is to be used to fund:

(1) a program to assist Black and Hispanic minority business enterprises in securing bonding for City procurements;

(2) programs designed to render financial assistance to Black and Hispanic minority business enterprises.

(d) Notwithstanding the provisions of subsections 5(a) through 5(c), no business enterprise that submits a qualified bid or proposal, or who is otherwise qualified to contract for providing goods and services, shall be excluded from consideration based solely on race or national origin.

Section 6. (a) Black and Hispanic minority business enterprises desiring to participate in the minority procurement program must register with the City of Miami. The City's purchasing agent shall maintain a list of Black and Hispanic minority business enterprises with the following minimum information and material:

1. name, address and telephone number;
2. name of principal(s);
3. copy of occupational and all special licenses;
4. financial statements in acceptable form;
5. inventory of business services/skills and products offered;

(b) Such information and material is to be updated as often as necessary but at least once each year. Recruitment and screening are to be conducted by the purchasing agent.

Section 7. (a) The City Manager shall establish a system to record and measure program progress. This system should maintain information and statistics on minority business enterprise participation, awards, dollar volume and goals, and other appropriate type of information to analyze the program's success and progress.

(b) The purchasing agent shall report quarterly to user agencies of the City, to the City Manager, and to the City Commission on the program's progress.

(c) The City's affirmative action officer shall establish, in concert with the purchasing agent, the necessary monitoring procedures to provide continuous review of the program in its planning, implementation, and evaluation stages.

(d) The purchasing agent shall also identify and prepare a plan on program goals, activities, and timeframes. This plan shall be adjusted periodically to reflect program performance progress.

Section 8. The minority procurement program established hereby shall be in effect only until such time as the effects of prior unwarranted discrimination against Blacks and Hispanics have been compensated for, at which time the goal provided for herein shall no longer be observed. There shall be a yearly review by the City Commission of the continued need for said minority procurement program, which review shall be conducted upon receipt by the City Commission of the annual certificate of compliance from the minority procurement compliance board.

Section 9. Ordinance No. 9341, as amended, and Ordinance No. 9530, as amended, are hereby repealed.

Section 10. Should any part or provision of this Ordinance be declared by a Court of competent jurisdiction to be invalid, same shall not affect the validity of the Ordinance as a whole.

PASSED ON FIRST READING BY TITLE ONLY this 16th day of November, 1983.

PASSED AND ADOPTED ON SECOND AND FINAL READING BY TITLE ONLY this 19th day of JANUARY, 1984.

ATTEST:

Maurice A. Ferre
MAURICE A. FERRE, Mayor

Ralph G. Ongie
RALPH G. ONGIE
CITY CLERK

PREPARED AND APPROVED BY:

Quinn Jones, III
QUINN JONES, III
Deputy City Attorney

APPROVED AS TO FORM AND CORRECTNESS: City this

Jose Garcia-Pedrosa
JOSE GARCIA-PEDROSA
City Attorney

I, Ralph G. Ongie, Clerk of the City of Miami, Florida, hereby certify that on the 6th day of February, A. D. 1984, a full, true and correct copy of the above and foregoing ordinance was posted at the South Door of the Dade County Court House at the place provided for notices and publications by attaching said copy to the place provided therefor.

WITNESS my hand and the official seal of said City this 6th day of February, A. D. 1984.
Ralph G. Ongie
City Clerk

AQJ/wpc/pb/012

PLEASE PROVIDE THE INFORMATION LISTED IN THE ATTACHED FORMS.

FORM A IS FOR PRIME CONSULTANT AND SUBCONSULTANTS (IF ANY)

FORM B IS FOR SUBCONSULTANTS ONLY.

A

1. Project Name / Location for which Firm is Filing:

2. Firm (or Joint-Venture) Name & Address

2a. Name, Title & Telephone Number of Principal to Contact

2b. Address of office to perform work, if different from Item 3

3. Personnel by Discipline:

____ Total Personnel

4. If substantial is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm:

Has this Joint-Venture previously worked together? yes no

5 Outside Key Consultants/Associates Anticipated for this Project

Name & Address	Specialty	Worked with Prime before (Yes or No)
1)		
2)		
3)		
4)		
5)		
6)		
7)		
8)		

6 Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:	a. Name & Title:
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated:	c. Name of Firm with which associated:
d. Years experience: With This Firm _____ With Other Firms _____	d. Years experience: With This Firm _____ With Other Firms _____
e. Education: Degree(s) / Year / Specialization	e. Education: Degree(s) / Years / Specialization
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:

Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

(1) a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

§ Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

11. The foregoing is a statement of facts.

Signature:

Typed name and title:

Date:

B

1. Firm Name / Business Address:

1a. Submittal is for Parent Company Branch Office

2. Year Present Firm Established:

3. Date Prepared:

4. Type of Ownership:

4a. Minority Owned yes no

5. Name of Parent Company, if any:

5a. Former Firm Name(s), if any, and Year(s) Established:

6. Names of not more than Two Principals to Contact: Title / Telephone

1)
2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Total Personnel _____

8. Personnel by Discipline:

9. Summary of Professional Services Fees Received: (insert index number)

Last 5 Years (most recent year first)

Direct Federal contract work, including overseas
All other domestic work
All other foreign work*

19 _____ 19 _____ 19 _____ 19 _____

Ranges of Professional Services Fees

- 1. Less than \$100,000
- 2. \$100,000 to \$250,000
- 3. \$250,000 to \$500,000
- 4. \$500,000 to \$1 million
- 5. \$1 million to \$2 million
- 6. \$2 million to \$5 million
- 7. \$5 million to \$10 million
- 8. \$10 million or greater

10. Profile of Firm's Project Experience, Last 5 Years

11. Project Examples, Last 5 Years

Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
1			
2			
3			
4			
5			
6			
7			

APPENDIX E

THOMAS L. DAVID, P.A.

ATTORNEY AT LAW
EIGHTH FLOOR
1428 BRICKELL AVENUE
MIAMI, FLORIDA 33101TELEPHONE 374 0993
AREA CODE 305

October 11, 1985

Mr. Charles W. Baldwin, Jr., P. E.
Chief, Highway Division
Public Works Department
Metro Dade Center, Suite 1510
111 N. W. First Street
Miami, Florida 33128-1970

Re: S. W. Second Avenue Crossing

Dear Mr. Baldwin:

On behalf of the Marine Council, I would like to thank you for inviting me and other members of the Council to the presentation which was made on Wednesday, October 2, 1985 by Kunde, Sprecher, Yaskin & Associates, Inc.

Those of us who attended the presentation met to discuss it. Although we were impressed with the presentation as it related to construction alternatives and construction costs, we are concerned that the consultants did not deal with a number of issues which we believe are critical to any determination for a crossing at S. W. Second Avenue.

1. While no one can ignore the sobering reality of the additional Millions which the consultants estimated would be needed for the tunnel alternative, we are concerned at the lack of any economic evaluation of the effect of a bridge upon adjoining land. You will recall that in February, 1977 a study was done by Beiswenger Hock and Associates for the State, the County and the City with respect to the then proposed Miami Avenue crossing. In that study, even though the cost of a tunnel was estimated to be some 19 Million Dollars more than a bridge, the consultants recommended the tunnel because a tunnel would maximize development potential of the adjoining land. They concluded that development of the adjoining lands with a tunnel alternative would generate more than sufficient additional real property taxes to offset the additional cost of a tunnel. Whether this would occur at S. W. Second Avenue should be considered.

2. The consultants indicated that the useful life of a tunnel would be in the neighborhood of 100 years versus perhaps 30 or 40 years for a bridge but no attempt was made to quantify the present value of that longer useful life.

3. Although one of the primary benefits of a tunnel

would be its positive effect on marine traffic on the river, no attempt was made to quantify in dollars the negative economic effects of a bridge upon marine interests.

4. Another economic matter not taken into account is the cost to the community of having motor vehicle traffic waiting when bridges are raised.

5. A tunnel design which minimizes the open cut and attempts to maximize the use of land above the tunnel especially near the river banks, was apparently not a priority consideration by the consultants. "Reclaiming" land above and near the tunnel and development of that land may offset to some degree the cost of the tunnel alternative. We believe that possibility should be evaluated.

As citizens of this community we are interested in prudent expenditure of public funds and certainly would not condone a more expensive tunnel alternative merely for the sake of having a tunnel rather than a bridge. However, we are most concerned that the economic portion of the consultant's report was restricted to the construction costs without evaluating the economic impact of the alternatives.

Lastly, the consultants, although they considered suggestions which had been made by Mr. Caserta with respect to a proposed tunnel, indicated that they had not discussed with Mr. Caserta some of the problems they saw in his proposal. My recollection is that they indicated they would discuss those matters with Mr. Caserta that he might rebut or clarify. We look forward to hearing the result of those discussions.

I am copying and will circulate the written report to members of the Council and I expect reactions to it. In the meantime, however, we want you to have, without delay, our reaction to the presentation.

Sincerely,

Thomas L. David

TLD:fa

cc: John Meyer
Richard Briggs
Robert Rich
Albert Veliky
James Wellington
Edward Connor
George M. Good

MIAMI RIVER - A PLANNING APPROACH

A comprehensive inventory, analysis, and growth management plan is needed for the river and abutting properties affected by and affecting riverfront activities. This comprehensive planning study will:

- 1) Initiate through a federal land and water management grant a study of the economic base and potential growth of marine related uses and industries along the Miami River.
- 2) Provide a long term economic development strategy and growth management policies for maintaining and strengthening marine oriented uses along the river.
- 3) Propose comprehensive development policies and implementation measures to achieve long term objectives for optimizing access to use of and protection of the waterfront with special focus given to open space public access, mixed-uses, boat facilities and services, specialty retail opportunities and urban design controls.

ECONOMIC STUDY

The Planning Department will manage the economic base study with primary work effort and expertise provided through consultant services. The study contract will begin October 1, 1985 and include the following general scope of services:

- I. Determine status of Riverfront and associated parcels by identifying primary land use, amount of development, value, recent sales, dwelling unit count, business use and age and condition of property. On site examination and property owner/business surreys will determine employment characteristics, primary trade characteristics relationships to support industries services provided, seasonal variations, business trends, market changes, future plans and expansion needs and relocation needs.
- II. The study will examine regional trends in marine industrial growth, marine services and marina facility needs, and compare these with activity and trends of marine related uses on the Miami River. The study will ascertain the available and potential riverfront and for marine related uses by type and suitability. Feasibility of mixed-use developments combining marine related activity with office, commercial and residential uses will be examined and potential incentives supportive of enhanced marine use identified.
- III. The study shall determine existing and projected constraints to enhanced marine industrial/service/recreational use of waterfront properties and determine effective counter measures. Future demand for marine related activities shall be projected and market capture rates for the river sector estimated. A marine industrial, service, and recreational development strategy shall be recommended by category and geographic sub-area of the river.

To assist in the implementation of this study the Planning Department shall prepare property characteristic profiles by address that will identify land use, value and business types.

It is projected that this consultant work effort will require six months and involve support City staff of 6 man-months effort.

PLANNING STUDY

The Comprehensive Miami River Growth Management Plan will address the following areas:

Base Surveys - general land use survey and analysis, access/barrier analysis for marine related activities and public waterfront properties. Preparation of up-dated base mapping including river shoreline conditions and improvements, flood zone and navigation conditions/limitations, summary matrices of land use changes, trends, land costs, assessed values, developability and susceptibility to change.

Master Land Use Plan Proposals addressing Marine use categories for industrial, commercial, marinas, marine supply/services, commercial fishing, and recreational boating activities; special district designations for commercial specialty center/entertainment/dining uses and mixed use residential/retail development with water orientation and river access; multi-family residential/marina use-districts.

Transportation/Access plan - Recommendations to improve vehicular/services access to river-front industrial/commercial property, public pedestrian access to commercial/marina/open space and waterfront recreation facilities from adjacent activity and residential centers. Roadway improvements, riverwalks, pedestrian easements, open space linkages and public access requirements are to be developed as schematic recommendations.

Public Improvement Program - Recommendations for public marinas shoreline stabilization/enhancement, navigation improvements and public recreation activities including open space development.

Zoning District Legislation Implementation recommendations for special public interest overlay zones, design guides and standards, mixed use performance standards, historic site and district regulations and zoning district mapping changes.

Capital Improvement Programming - funding strategies for public and private sector implementation of priority improvement recommendations including joint-use/joint public/private, private/private strategies for incorporating marine oriented facilities and services in private development of residential and commercial projects.

APPENDIX G

City of Miami

SERGIO PEREIRA
City Manager

August 30, 1985

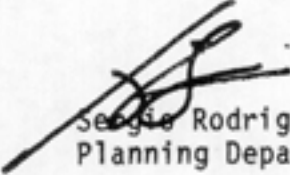
Mrs. Sandra Howard
Miami River Management Committee
City National Bank
25 West Flagler Street
Suite 1201
Miami, FL 33130

Dear Mrs. Howard:

In response to your inquiry, attached is a summary of the general procedure established by various City departments and/or divisions to regulate and process code violations.

Should you need additional information, please advise.

Sincerely,



Sergio Rodriguez, Director
Planning Department

SR/JG/rj

Attachment

cc: Donald W. Cather, Director
Department of Public Works

D. H. Teems, Deputy Chief
Building and Zoning Division
Fire, Rescue and Inspection
Services Department

Fire Rescue and Inspection Services Department
Inspection Services Division

The Inspection Services Division of the Department of Fire, Rescue and Inspection Services is responsible for administration and enforcement of plumbing, electrical, mechanical and structural building activities as per applicable codes and regulations.

The disciplines of **Structural, Plumbing, Electrical, Mechanical and Code Enforcement** are governed by the **South Florida Building Code**.

Zoning is governed by **City Ordinance #9500**.

Fire Violations are governed by **Chapter 19 of the Code of the City of Miami**.

Procedure

1. Complaint received and channeled to the appropriate section. **Time elapse (3 days)**
2. Investigation by section results in **written violation** or referral to another department. **Time elapse (14 days initial compliance period)**

At this point, the violator may conceivably be complying at a progressive rate, and the violation would be monitored on a monthly basis until full compliance is obtained. **Time elapse (as long as progress is being made, could take as much as 6 months to solve some problems)**

3. Reinspection is made after 14 days, if no compliance **10 day letter** is sent certified mail.
Time elapse (15 days to allow receipt of certified letter)
4. If not in compliance at reinspection case is prepared for **Higher Authority Action** by any of the following entities:

Code Enforcement Board - Zoning Cases

Time elapse (at the present, 3 to 6 months to a year due to the nature of the Board's operating peculiarities)

Dade County Unsafe Structures Board - Building Cases

Time elapse (30 to 90 days)

City Attorney's Officer - All Cases

Time elapse (60 days to 6 months)

State Attorney's Office - All Cases

Time elapse (30 to 90 days)

Department of Professional Regulation - Licensing Cases

Time elapse (60 to 90 days)

Fire, Rescue and Inspection Services Department
Zoning Division

The City of Miami Fire, Rescue and Inspection Services Department, Zoning Division is responsible for interpretation, administration and enforcement of the Zoning Ordinance. Also, to promote and safeguard the general quality of life of the community, more specifically:

- the location and use of buildings, structures, land, for trade, industry residence or other purpose
- the percentage of the lot that may be occupied
- the size of yards, courts and other open spaces
- the height, number of stories, and size of buildings and other structures.
- the erection, construction, reconstruction, alteration, repair or use of buildings, structures or land.

The applicable code for enforcement is the City of Miami Ordinance No. 9500, as amended.

Procedure:

1. An inspection by a zoning inspector is made in response to a complaint to verify the existence of a violation.
2. Should a violation be confirmed and identified as a zoning division concern, a written notice will be issued stating the violation and giving a reasonable amount of time to correct the violation.
3. A file will be opened on the subject property. After the time period provided in the 1st notice is up, an inspection will be made to ascertain whether or not the violation has been corrected.
4. If the violation has not been corrected upon the second inspection (#3) a violation letter will be sent via certified U.S. Mail to the tenant and property owner and/or registered agent. This notice is required to bring a case before the Dade County Court or Code Enforcement Board.
5. The case will be prepared by the Zoning Division and turned over to the city attorney to be filed with Dade County Court or Code Enforcement Board.

In circumstances where only a zoning code violation is cited, the case will be filed with the Code Enforcement Board. If violations regulated by the South Florida Building Code are part of the case, the case (including zoning violations) will be filed in the Dade County Court.

6. If found guilty of a violation, the Code Enforcement Board (a quasi-judicial panel) will give the owner a reasonable amount of time to correct the violation. A rehearing date will be established to hear the case at the end of the time period allotted to correct the violation.

7. If no corrective action has been started by the time of hearing, and period provided, if no extension of the time limit is granted, which eventually may lead to a lien being placed on the property, the Board may start a daily fine (eventually, a lien may be placed on the property).

Corrective action of a violation may also require that plans be prepared by a registered architect and/or engineer. The plans must show in detail, the work to be accomplished in conformance with all applicable codes and regulations.

The application for permits is considered a corrective step. A permit or permits are required to commence the work. Plans must be reviewed and approved by one or more of the following division/section/departments:

- City of Miami Fire, Rescue and Inspection Services Department
 - Structural
 - Plumbing
 - Zoning
 - Mechanical
 - Fire Prevention
 - Electrical
- Dade County DERM
- City of Miami Public Works Department
- City of Miami Planning Department

There may be cases where a public hearing is required, the process as outlined above may take as much as three months to be resolved, depending on the complexities of the issues.

PUBLIC WORKS

The City of Miami Public Works Department is responsible for regulating waterfront improvements such as bulkheads, docks, wharfs, piers and pilings.

Applicable codes and regulations are attached pertaining to the above mentioned areas of concern.

Procedure:

1. An inspection by a Public Works inspector is made in response to a complaint to verify the existence of a violation.
2. Should a violation be confirmed and identified as a Public Works concern, a warning will be issued by the inspector.
3. If corrective action has not started within a reasonable time a written notice of violation is issued. If a public hazard is apparent, corrective action must begin within 48 hours.
4. If corrective action has not started within the time allowed on the notice, a second notice will be sent, via certified mail. This notice is on a form established by the Code Enforcement Board and is the first step required to bring a case before that Board.
5. If corrective action is still not started, the department will request a hearing before the Code Enforcement Board. The City will be represented by an attorney and the property owner is entitled to legal counsel as well.
6. If found guilty of a violation, the Code Enforcement Board (a quasi-judicial panel) will give the owner a certain amount of time to correct the violation. A rehearing date will be established to hear the case at the end of the time period allotted.
7. If no corrective action has been started by the time of the rehearing, and if no extension of the time limit is granted, the Board may start a daily fine, which eventually may lead to a lien being placed on the property.

Corrective action of a violation requires that plans be prepared by a registered engineer. The plans must show, in detail, the work to be accomplished in conformance with all codes and regulations.

The application for permits is considered a corrective step. A permit or permits are required to commence the work. Plans must be reviewed and approved by one or more of the following agencies/departments:

City of Miami, Public Works Department
 Dade County, DERM
 State of Florida, DER
 US Coast Guard
 Army Corps of Engineers

There may be cases where a public hearing is required, the process as outlined above may take from six months to two years to be resolved, depending on the complexities of the issues.

**ARTICLE III. BULKHEADS, SEAWALLS,
PIERS, DOCKS, GROINS, MARINE
RAILWAYS AND OTHER SIMILAR
STRUCTURES**

Sec. 29-41. Definitions.

For the purposes of this article, the following words and phrases shall have the meanings respectively ascribed to them by this section. Definitions other than those given herein shall be as set forth in the *South Florida Building Code*.

Building code: The *South Florida Building Code*.

Bulkhead: A structure erected along water or a waterway, designed and constructed in such manner as to safely sustain any loads, both vertical and lateral, that may come upon it, such as earthfill, water, moving traffic, storage of materials alongside, and the like.

Bulkhead line: An official line established by a governmental agency along or near the shore for the purpose of controlling the waterfront alignment of structures.

Department: The public works department of the city, or the director of such department, used interchangeably.

Engineer: A professional engineer certified competent and registered by the state.

Gravity-type wall: A structure whose resultant of acting forces falls within the middle third of the base. Rock-type walls shall be included in this category when the base width equals or exceeds the height of the wall.

Seawall: Essentially the same as a bulkhead. (Code 1967, § 27-21)

Sec. 29-42. Purpose of article.

The purpose of this article is to protect the public's health, welfare and safety by setting minimum standards to be used in the design, construction and maintenance of waterfront structures; further, to accomplish this purpose by requiring such design, construction and maintenance to be acceptable in all respects

Supp. No. 9

and particulars to the public works department; and lastly, to ascertain that all physical improvements included herein are subject to and admit of rational analysis in accordance with established principles of mechanics and accepted engineering practices. This article shall be deemed to supplement the provisions of the *South Florida Building Code*. (Code 1967, § 27-22)

Sec. 29-43. Permits for waterfront improvements—Required.

No waterfront improvement shall be constructed until a permit authorizing such construction has been obtained from the public works department. No such permit shall be issued for any improvement which is deemed substandard. (Code 1967, § 27-23)

Sec. 29-44. Same—Application.

Permits required by this article shall be applied for either by the owner-builder or by a licensed contractor certified in a proper category and having a bona fide contract with the owner to perform such work. Application shall be made upon a suitable form provided by the public works department. Two (2) copies of the plans shall be submitted with the application, which plans shall include the following information, except as to any item which may be waived in writing by the department:

- (1) A certified survey sketch of the property upon which the improvement is to be made or constructed.
- (2) A plot plan, showing the relation of the proposed improvement to the site and to adjoining land or areas.
- (3) Arrangement and structural details in the plan, section and elevation views sufficiently expanded to serve as construction drawings.
- (4) The type and character of the soil substrata which will bear the improvement or structure. When required by the public works department, core borings

shall be taken to a depth ten (10) feet deeper than the proposed base of construction or to a depth below the deepest piling, and the findings of the same shall be made a part of the permit application.

- (5) Soundings and pertinent elevations of the proposed structures shall be shown referred to mean low water, City of Miami datum.
- (6) The name and address of the owner of the property upon which the improvement is to be made or constructed.
- (7) A construction cost estimate of the proposed improvement.
- (8) The signature and seal of the engineer designing the improvements.
- (9) The engineer's design computations, when required by the public works department. (Code 1967, § 27-24)

Sec. 29-45. Same—Certain title and permits to accompany application.

As part of a request for a permit under this article, the applicant shall obtain and present the following title and permits, except for any such time proved not to be required:

- (1) The title to bay-bottom lands from the internal improvement fund.
- (2) A permit from the United States Army Corps of Engineers.
- (3) A permit from Dade County.
- (4) A permit from the Central and Southern Florida Flood Control District. (Code 1967, § 27-25)

Sec. 29-46. Same—Fees.

(a) The permit fee for any structural improvement covered by this article, excluding the cost of any electrical, mechanical and plumbing work requiring separate permits, shall be based upon the estimated construction costs and shall be a Supp. No. 9

flat fee of two hundred fifty dollars (\$250.00) plus two (2) percent of the estimated construction cost.

(b) The expense of any inspection by the public works department will be included in the cost of the permit fee.

(c) The fee required under this section shall be waived for governmental entities and agencies. (Code 1967, § 27-26; Ord. No. 9005, § 3, 10-17-79; Ord. No. 9513, § 1, 11-4-82)

Sec. 29-47. Same—Refund of fees; time limitations.

The public works department shall be governed, in the matters of permit fee refunds and time limitations of permits, by section 303.5 and section 304.3, respectively, of the *South Florida Building Code*. (Code 1967, § 27-27)

Sec. 29-48. Same—Revocation.

Any permit issued under this article shall be revocable for good cause, which cause may include, but is not limited to, failure, refusal or neglect by the owner, contractor or engineer to fulfill any of the provisions of this article or the *South Florida Building Code*. (Code 1967, § 27-28)

Sec. 29-49. Design.

(a) *Design Analysis.* Responsibility for proper design rests with the engineer who prepares the plans. Each improvement shall be designed to support all loads that may come upon it, to withstand the forces of water, wind and usage, and to meet the specific requirements of the public works department for location and construction.

- (1) *General.* Any improvement, bulkhead, seawall, pier, wharf, dock, groin, cut, marine railway or other related structure included in this article shall admit of rational analysis in accordance with well-established principles of mechanics and sound engineering practices, and without exceeding the allowed stresses for the various materials as specified in the *South Florida Building Code*.

- (2) *Bulkheads.* Bulkheads and all parts thereof shall be designed to support the estimated or actual imposed load, either dead, live or any other, both during construction and after the completion of such bulkhead.
- (3) *Terrace-type wall.* Subject to certain types of conditions of the site or location of the improvement, step-type bulkheads or terrace-type walls will be permitted.

(b) *Lateral Support from Fills.* No fill deposited as a berm on the water side of the bulkhead shall be considered as offering any lateral support to the bulkhead, without approval by the public works department. (Code 1967, § 27-29)

Sec. 29-50. Loads.

All improvements shall be proportioned for the following loads and forces:

- (1) Dead load.
- (2) Live load or surcharge including ordinary impact, except where loading involves unusual impact requiring increased assumed loads. Live loads may consist of material, goods or equipment stored or operated alongside the bulkhead, or any structure adjoining the same, the foundations of which may exert pressure on the bulkhead, or sidewalks, highway or street traffic loads. A sidewalk live load shall be taken as one hundred (100) pounds per square foot of sidewalk area, and the highway or street traffic loads shall be in accordance with the *Standard Specifications for Highway Bridges* adopted by the American Association of State Highway Officials. Unless otherwise indicated by field conditions, the minimum highway or street traffic load shall consist of a two-axle truck of gross weight twenty (20) tons, designated as class H-20 loading in such standard specifications.
- (3) Impact and dynamic effect of live load. (Code 1967, § 27-30)

Sec. 29-51. Construction.

(a) *General.* Each waterfront improvement shall be permanent in nature, and the character of its soil or fill shall be accurately determined, as shall also its weight and angle of repose. Gravity structures may be constructed of a combination of rocks and concrete, and the minimum percentage of cross-sectional area of concrete to the total cross-sectional area of the structure shall be forty (40) percent, excluding concrete used for copings or decorative purposes.

(b) *Alignment.* The alignment of bulkhead shall be closely controlled. The bulkhead shall be constructed entirely on privately owned property unless otherwise approved by the public works department, and the alignment shall not deviate more than two (2) inches from the designated alignment. The face of the bulkhead shall not in any case protrude beyond the established bulkhead line or the line shown on the plan approved by the public works department.

(c) *Supporting piling.* Supporting piles on any improvement constructed shall be driven to a bearing capacity as shown on the plans. These bearing capacities shall be computed in accordance with the driving load formula given in the *South Florida Building Code*.

(d) *Concrete deadmen.* Concrete deadmen shall be used only where approved by the public works department.

(e) *Precast concrete piles.* Precast concrete piles shall conform to the requirements of the *South Florida Building Code*.

(f) *Steel sheet piles.* Steel sheet piling shall be of the continuous-interlock type of approved form. All steel sheet piling and accessories shall conform to the requirements of the *Specifications for Steel Sheet Piling* of the American Society for Testing and Materials, ASTM A328. The minimum thickness of web and flange metal shall be three-eighths ($\frac{3}{8}$) of an inch, unless effectively protected from corrosion in the area extending from one

(1) foot below mean low water to the top of the exposed steel.

(g) *Wood piles.* Wood piles shall conform to the requirements of the *South Florida Building Code*.

(h) *Caps.* Where required by the public works department, bulkheads shall be capped. The cap may be a rolled steel section or reinforced concrete. The use of the cap as a street curb shall be avoided, but if such function is permitted by the department, the cap shall be designed for a live load of five hundred (500) pounds per lineal foot of cap, applied laterally, in addition to any other loads, dead or live, that may come upon it, and shall have a guardrail where required by the department.

(i) *Special piles or special conditions.* The use of types of piles or conditions not specifically covered herein may be permitted, subject to the approval of the public works department, upon the submission by the engineer of acceptable test data, calculations or other information relating to the properties and load-carrying capacity of such piles. (Code 1967, § 27-31)

Sec. 29-52. Materials.

Permanent materials shall include concrete, steel, stone masonry construction, or any combination of the same. Other materials not specifically covered herein may be permitted, subject to the approval of the public works department. Reinforced concrete shall be of the materials, proportions, strength and consistency set forth in the *South Florida Building Code*, as also shall the materials, design and fabrication in the erection of steel. (Code 1967, § 27-32)

Sec. 29-53. Review of plans; duty to inspect.

The public works department shall review all plans and inspect all construction to insure that minimum standards set forth in this article are met, and shall require

corrections in plans or construction when indicated. (Code 1967, § 27-33)

Sec. 29-54. Procedure for inspections.

Inspection of work in progress on waterfront improvements shall be carried out as set forth in the building code, according to the following sequence:

- (1) Layout inspection after survey for location and before excavation is begun.
- (2) Pile inspection during the driving of piles and after all piles are driven, but before placing of any concrete.
- (3) Foundation inspection after necessary excavations have been made, forms erected and reinforcing steel placed, but before concrete is placed.
- (4) Reinforcing inspection after any reinforcing steel is in place and tied, but before the placing of any concrete.
- (5) Electrical, mechanical or plumbing inspections after installation of such named equipment, but before any part of such installation is covered or concealed from view.

In the event the waterfront improvement includes any electrical, mechanical and plumbing work, a permit for such work shall be required in addition to the permit covered by this article, and the permit fee for such electrical, mechanical and plumbing work shall be as set forth in the *South Florida Building Code*. (Code 1967, § 27-34)

Sec. 29-55. Maintenance.

Privately owned waterfront improvements shall be privately maintained, even though a portion of the improvement may extend into publicly owned land. Should the owner fail to keep his improvement in a state of repair acceptable to the public works department, the city may maintain the improvement and shall assess the cost of such maintenance to the property owner. (Code 1967, § 27-35)

[The next page is 2013]