OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: July 1, 2014

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

Agenda Item No. 8(N)(4)

From: Carlos A. Gimenez
Mayor

Subject: Resolution Authorizing Miami-Dade County to Enter into An Interlocal Agreement with the City of Miami for the Construction of the Overtown Greenway at NW 11th Terrace Project, B-30624

Resolution No. R-619-14

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve the attached resolution authorizing Miami-Dade County (County), through Miami-Dade Transit (MDT), to enter into an Interlocal Agreement (Agreement) with the City of Miami (City) to facilitate certain construction aspects of the Overtown Greenway at NW 11th Terrace Project, B-30624 on the County Metrorail Property.

It is further recommended that the Board authorize the County Mayor or County Mayor's designee to take all appropriate actions necessary to accomplish the execution of the Interlocal Agreement in substantially the form attached.

SCOPE

The project is physically located in Commission District 3 (Edmonson). However, the project benefits the public, and is therefore, Countywide.

FISCAL IMPACT/FUNDING SOURCE

While the cost of the improvements will be borne completely by the City, there is a negligible fiscal impact associated with this Agreement. MDT's annual operation and landscape maintenance of the Metrorail/Metromover and Busway (including the M-Path or walkways) remains at the same level and is budgeted in the department's operating budget at approximately $1.2 million. Further, it is forecasted that the portion of the new path or walkway (to be constructed by the City) will result in an annual estimated operation and maintenance cost of $1,500.00 and will be included in MDT's operating budget.

TRACK RECORD/MONITOR

MDT and the County have entered into numerous Interlocal Agreements with various municipalities in the past. Froilan Baez, Chief, MDT Right-of-Way, Utilities and Property Management Division, is the person responsible for monitoring this Agreement.

BACKGROUND

The Overtown Greenway Initiative is one of the City's Capital Improvement Projects that is currently planned to be implemented in phases. All portions of this greenway project will be designed to meet the Green Local Government Designation Standard. This segment provides for roadway beautification enhancements within the Overtown community along NW 2nd Avenue, NW 3rd Avenue, NW 11th Terrace, NW 11th Street and the Metrorail Corridor. The improvements for this segment will consist of: roadway reconstruction (milling and re-surfacing of the pavement area), construction of a new

walkway, and reconstruction of the existing sidewalks. The City will also beautify the area by planting native trees, installing benches, trash bins, and lighting fixtures.

The City is entering into this Agreement with the County in order to utilize the Metrorail Guideway Corridor for a portion of the Project's improvements. The City will be responsible for the design, construction, management and administration of the Project, which is partially funded by a grant from the Florida Department of Transportation (FDOT). The Agreement will also allow the City and their contractors to access the Metrorail Corridor for the completion of the scope of work, subject to the conditions of the Agreement.

The City of Miami Commission approved this Agreement at their Commission meeting on February 13, 2014. The estimated project cost is $188,271.00 and construction is planned for ninety (90) days, commencing in July 2014.

Alina T. Hudak
Deputy Mayor

MEMORANDUM
(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: July 1, 2014

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 8(N)(4)

Please note any items checked.

_____ **"3-Day Rule" for committees applicable if raised**

_____ **6 weeks required between first reading and public hearing**

_____ **4 weeks notification to municipal officials required prior to public hearing**

_____ **Decreases revenues or increases expenditures without balancing budget**

_____ **Budget required**

_____ **Statement of fiscal impact required**

_____ **Ordinance creating a new board requires detailed County Mayor's report for public hearing**

_____ **No committee review**

_____ **Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous _____) to approve**

_____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(N)(4)
7-1-14

RESOLUTION NO. R-619-14

RESOLUTION AUTHORIZING MIAMI-DADE COUNTY TO ENTER INTO AN INTERLOCAL AGREEMENT WITH THE CITY OF MIAMI FOR THE CONSTRUCTION OF THE OVERTOWN GREENWAY AT NW 11TH TERRACE PROJECT, B-30624; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO TAKE ALL ACTIONS NECESSARY TO ACCOMPLISH THE EXECUTION OF SAME

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

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

Section 1. That this Board authorizes the approval of an Interlocal Agreement with the City of Miami in substantially the form attached hereto and made a part hereof.

Section 2. That this board further authorizes the Mayor or the Mayor's designee to execute said Agreement for and on behalf of Miami-Dade County and to exercise all provisions therein.

Section 3. Pursuant to Resolution R-974-09, this Board desires the Mayor or the Mayor's designee to record the Agreement accepted herein in the Public Records of Miami-Dade County, Florida; and to provide a recorded copy of the Agreement to the Clerk of the Board within thirty (30) days of execution; and directs the Clerk of the Board to attach and permanently store a recorded copy together with this resolution.

The foregoing resolution was offered by Commissioner **Sally A. Heyman**, who moved its adoption. The motion was seconded by Commissioner **Dennis C. Moss** and upon being put to a vote, the vote was as follows:

Rebeca Sosa, Chairwoman			**aye**
Lynda Bell, Vice Chair			**aye**
Bruno A. Barreiro	**aye**	Esteban L. Bovo, Jr.	**absent**
Jose "Pepe" Diaz	**aye**	Audrey M. Edmonson	**aye**
Sally A. Heyman	**aye**	Barbara J. Jordan	**aye**
Jean Monestime	**aye**	Dennis C. Moss	**aye**
Sen. Javier D. Souto	**aye**	Xavier L. Suarez	**aye**
Juan C. Zapata	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 1st day of July, 2014. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

HARVEY RUVIN, CLERK

By: ***Christopher Agrippa***
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Bruce Libhaber

INTERLOCAL AGREEMENT
BETWEEN THE CITY OF MIAMI AND MIAMI-DADE COUNTY
FOR
THE OVERTOWN GREENWAY AT N.W. 11th TERRACE PROJECT, B-30624

This AGREEMENT made and entered into this _____ day of _____, 2014, by and between the CITY OF MIAMI, FLORIDA, a municipal corporation of the STATE OF FLORIDA, hereinafter referred to as the "City", and MIAMI-DADE COUNTY, a political subdivision of the STATE OF FLORIDA, hereinafter referred to as the "County".

WITNESSETH

WHEREAS, City and County herein wish to provide a greenway with bicycle/pedestrian path and sidewalk beautification project including amenities such as benches, trash bins and lighting, located in the municipal limits of the City in the County, hereinafter referred to as the "Project" described as follows:

The City is planning roadway reconstruction, sidewalk improvements and beautification along NW 2nd Avenue, NW 3rd Avenue, NW 11th Terrace, NW 11th Street, and the Metrorail Corridor, being a segment of the Overtown Greenway Master project. The improvements include roadway reconstruction, milling and resurfacing, sidewalk enhancement; and add benches, lighting and trash bins.. The City will also beautify the area by planting native trees and adding sod along the project limits. These enhancements will be constructed solely by the City of Miami at no cost to the adjacent property owners and to Miami-Dade Transit.

WHEREAS, City and County have determined that the Project is in the best interest of the parties and it is of a mutual benefit to the residents of the City of Miami and Miami-Dade County,

NOW, THEREFORE, in consideration of the mutual terms, conditions, promises and covenants contained herein, the parties agree as follows:

1. **EFFECTIVE DATE AND TERM:** This Agreement shall take effect upon its execution, following approval by the Board of City Commissioners and Board of County Commissioners.

2. **RESPONSIBILITIES OF CITY:**

2.1 **Funding:** The City shall find and expend the funds necessary to construct the Project.

2.2 **Design Scope:** The City has secured engineering design and consulting services from qualified firms, pursuant to Section 287.055, of the Florida Statutes, to develop the construction plans, technical specifications, special provisions, pay items and cost estimates for the Project referred herein and hereafter in accordance with City, County, and/or Florida Department of Transportation standards, as applicable.

City has submitted plans and specifications for this Project to Miami-Dade Transit Department Director or designee at the various phases for review and approval, and upon the completion of the 100% design plans, send a set of signed and sealed plans with a letter from the City Manager certifying that the plans and specifications meet the standards as set forth above.

In no event shall the approved plans be changed, altered or modified unless City receives written approval from the County. In addition, any and all changes, alterations or modifications shall be permitted by the appropriate state and/or local government agency.

2.3. **Right-of-Way:** The City shall acquire at its sole expense, any right-of-way, easement, construction easement, or permit that is required to implement the construction of the Project.

2.4 **Construction:** The City shall procure the services of a licensed contractor holding a general contractor's license to construct the Project. The City may award the contract through any available lawful means which, in the City's discretion, affords the most cost effective and advantageous method for construction of the Project and which may include, but is not limited

to, bid solicitation, request for proposals, the award of a change order on existing City contract(s), or the extension of unit-prices provided in connection with prior competitive bid awards.

The County agrees that the selection, retention and discharge of such general contractor shall be the responsibility of the City.

The parties agree that the work to be performed shall at all times be conducted in such manner and in such sequence that will ensure the least practicable interference with the Miami-Dade Transit Metrorail system.

2.5. **Permits and Approvals:** The City shall obtain a preliminary approval (dry-run) of all necessary permits, and utility adjustments, make all necessary adjustments as required for approval and/or permitting by those agencies, and coordinate the review of construction documents by utilities and permitting agencies in accordance with applicable state, federal, and local laws and ordinances. .

The City shall pay for any permit application fees associated with the project and obtain accepting authorization from the County, if applicable.

2.6. **Construction Administration and Inspection**: The City shall exercise all responsibilities of the owner under the construction contract, including construction administration and inspections. The City may delegate this function to an authorized agent or Construction Engineering Inspection consultant. The City will allow the County access to the site for review, inspection, observation, and comment during construction.

3 RESPONSIBILITIES OF COUNTY

3.1. **Maintenance:** The County agrees that only that portion of the improvements that fall upon the Metrorail Corridor limits shall be maintain the County. All other aspects of the Project, the City agrees to maintain in full. The City shall use only native, slow growth trees when full grown

maintain a height not to exceed 15 feet at maturity, and shall install or construct any amenities in the area, intended but not limited to benches, shelters, and trash receptacles, etc.

The City shall enforce pet curbing, and illegal dumping, by policing of the property.

3.2. Access: The County does hereby grant and convey to City and its employees, licensees, agents, independent contractors and sub-contractors, a non-exclusive permit, to enter onto and remain upon the Property, the Metrorail Corridor between NW 11th Terrace and NW 11th Street of the Project, for the sole and limited purpose of performing the scope of the Work.

The City shall utilize the Property for no purpose other than that specified herein, and allied and incidental purposes. This Agreement, except as where expressly stated to the contrary, shall not limit use of the Property by the County.

4. COMPLIANCE WITH LAWS: The parties shall comply with applicable federal, state and local laws, codes, ordinances, rules and regulations in performing their respective duties, responsibilities, and obligations pursuant to this Agreement and with all applicable laws relating to the Project. The parties shall not unlawfully discriminate in the performance of their respective duties under this Agreement.

5. INDEMNIFICATION: To the extent authorized by Florida law, the City hereby agrees to indemnify, defend, save and hold harmless the County to the extent of all the limitations included within Section 768.28, Florida Statutes, from all claims, demands, liabilities and suits as a result of City's negligence, or breach of this Agreement by the City, its agents, employees or contractor(s). It is specifically understood and agreed that this indemnification clause does not cover or indemnify the County for the County's negligence or breach of contract.

To the extent authorized by Florida law, the County hereby agrees to indemnify, defend, save and hold harmless the City to the extent of all the limitations included in Section 768.28, Florida

Statutes, from all claims, demands, liabilities and suits as a result of County's negligence, or breach of this Agreement by the County, its agents or employees.

It is specifically understood and agreed that this indemnification clause does not cover or indemnify the City or the County for the City's or the County's negligence or breach of contract, as applicable.

In the event of breach or non-performance by the persons selected by the City to perform the work, the City shall, upon written request by the County, reserves its rights under the affected contract to complete the project at its sole cost for purposes of avoiding the County's prosecution of claims, actions or causes of action resulting from such breach or non-performance unless the City pursues such claims, actions or causes of action through arbitration, administrative proceeding or lawsuit. The City agrees to cooperate fully with the County in the prosecution of any such claim or action. Any damage recovered by the County which is attributable to expenditure by the City shall be returned to the City by the County, within sixty (60) business days of receipt.

6. DISPUTE RESOLUTION, APPLICABLE LAW: The parties shall resolve any disputes, controversies or claims between them arising out of this Agreement in accordance with the "Florida Governmental Conflict Resolution Act", Chapter 164, Florida Statutes, as amended. This Agreement shall be governed by the laws of the State of Florida. Venue in any proceedings shall be in Miami-Dade, Florida.

7. ENTIRE AGREEMENT AMENDMENTS: This document incorporates and includes all prior negotiations, correspondence, conversations, agreements and understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements, or understandings concerning the subject matter of this agreement that are not contained in this document.

Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless set forth in writing in accordance with this section. No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the City and County Board of Commissioners.

8. JOINT PREPARATION: The parties acknowledge that they have sought and received whatever competent advice and counsel as was necessary for them to form a full and complete understanding of all rights and obligations herein and that the preparation of this Agreement has been their joint effort.

The language agreed to expresses their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties from the other.

9. SEVERANCE: In the event a portion of this Agreement is found to be invalid by a court of competent jurisdiction, the remaining provisions shall continue to be effective unless the City or County elect to terminate this Agreement. An election to terminate this Agreement based upon this provision shall be made within seven (7) business days after the finding by the court becomes final.

10. MULTIPLE ORIGINALS: This agreement may be fully executed in three copies by all parties each of which, bearing original signatures, shall have the force and effect of an original document.

11. RECORDATION: This Agreement shall be recorded in the Public Records of Miami-Dade County at the City's expense. An original copy of the recorded Agreement shall be provided to the Miami-Dade Transit Facilities and Maintenance Division.

12. NOTICES: Any and all notices required to be given under this Agreement shall be sent by first class mail, addressed to the following:

To the City:

Attention: Jeovanny Rodriguez, P.E.
Assistant Director, Capital Improvements and Transportation Program
City of Miami
444 SW Second Avenue
Miami, Florida 33130

To the County:

Attention: Ysela Llort
Director, Miami-Dade Transit
Miami-Dade County
701 NW 1st Court
Miami, Florida 33136

(FOR SIGNATURES SEE NEXT PAGE)

IN WITNESS WHEREOF, the parties hereto set their hands and official seals the day and year first above written.

ATTEST:

BY: _____
Todd Hannon
City Clerk

(Affix City Seal)

CITY OF MIAMI, a municipal
Corporation of the State of Florida

BY: _____
Daniel J. Alfonso City Manager

Approved by City Attorney
as to form and legal sufficiency

_____
Victoria Méndez
City Attorney

Approved as to Insurance Requirements:

_____
Calvin Ellis, Director
Risk Management Department

ATTEST:

HARVEY RUVIN
CLERK OF THE BOARD

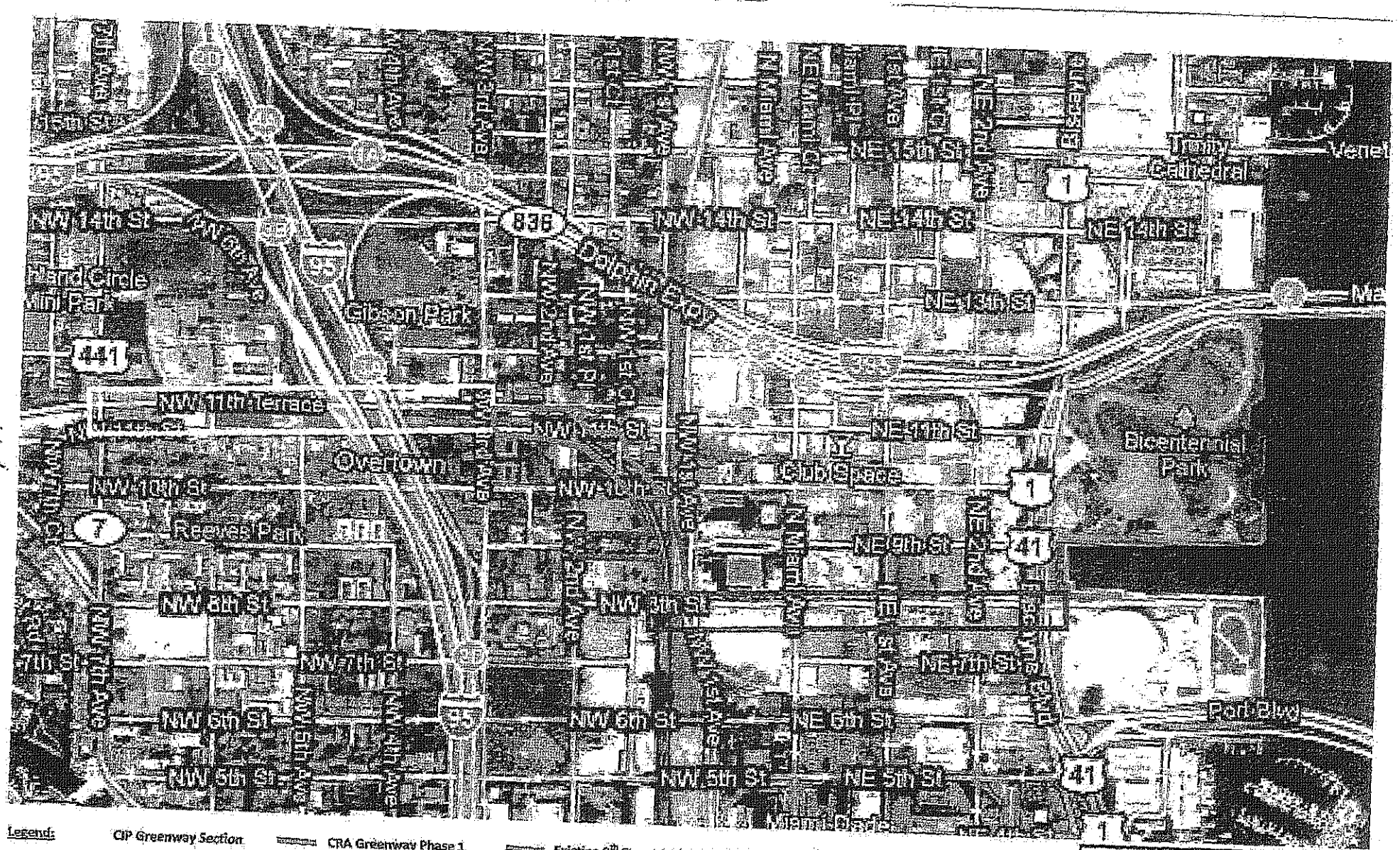
BY: _____
Deputy Clerk

MIAMI-DADE COUNTY, FLORIDA,
BY ITS BOARD OF
COUNTY COMMISSIONERS

BY: _____
County Mayor or County Mayor's Designee

Approved by County Attorney
as to form and legal sufficiency

_____
County Attorney



Legend: CIP Greenway Section — CRA Greenway Phase 1 — Existing 9th Street Pedestrian Mall — On-Road Greenway CRA Phase 2

Overtown Greenway Phasing Map

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Commission:

Mayor
Tomas P. Regalado

Chairman / D2 Commissioner
Marc Sarnoff

Vice Chairman / D1 Commissioner
Wifredo (Willy) Gort

D3 Commissioner
Frank Carollo

D4 Commissioner
Francis Suarez

D5 Commissioner
Michelle Spence-Jones

City Manager
Johnny Martinez, P.E.

CITY OF MIAMI

CAPITAL IMPROVEMENTS PROGRAM

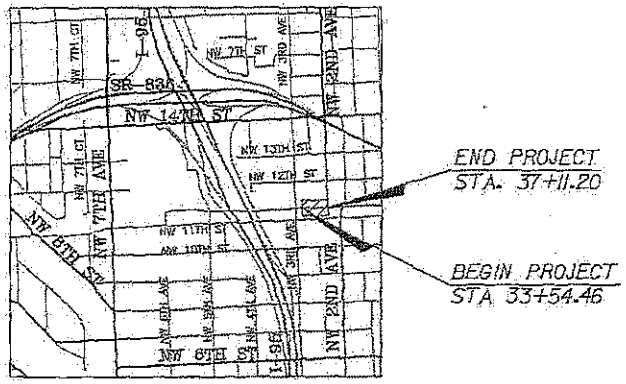
MARK SPANIOLI, P.E., DIRECTOR

NW 11 TERRACE
NW 7 AVENUE TO NW 2 AVENUE
OVERTOWN GREENWAY
PROJECT No. B-30624

PHASE III
NW 3 AVENUE TO NW 2 AVENUE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES & LEGEND
3	TYPICAL SECTION
4	SUMMARY OF DRAINAGE STRUCTURES & QUANTITIES
5	ROADWAY GEOMETRY & PAVING PLAN
6	GRADING & DRAINAGE PLAN
7	PLAN & PROFILE PLAN
8	SIGNING & PAVEMENT MARKING PLAN
9-11	STORMWATER POLLUTION PREVENTION PLAN
12	TRAFFIC CONTROL NOTES & PHASES
13	TRAFFIC CONTROL PLAN PHASE I
HS-1	HARDSCAPE NOTES & QUANTITIES
HS-2	HARDSCAPE PLANS
Not Using-HS-3	HARDSCAPE DETAILS
LS-1	LANDSCAPE PLANTING NOTES
LS-2	LANDSCAPE QUANTITIES
LS-3	LANDSCAPE PLAN
LS-4	LANDSCAPE DETAILS
LT-1	LIGHTING PLAN
LT-2	LIGHTING DETAILS



LOCATION MAP
SCALE 2" = 1500'

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

FRANCISCO J. ALONSO, P.E.
201 ALHAMBRA CIRCLE SUITE 900
CORAL GABLES, FL 33134

PLANS PREPARED BY:

T·Y·LIN INTERNATIONAL
201 ALHAMBRA CIRCLE SUITE 900
CORAL GABLES, FLORIDA 33134
PHONE: (305) 567-1888
FAX: (305) 567-1771
EB00002017

100% SUBMITTAL
JULY 30, 2013

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS ENGINEER OF RECORD: FRANCISCO J. ALONSO, P.E.

P.E. NO.: 66918

GOVERNING STANDARDS AND SPECIFICATIONS:

- FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2013, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2013, AS AMENDED BY CONTRACT DOCUMENTS.
- CITY OF MIAMI ENGINEERING STANDARDS FOR DESIGN AND CONSTRUCTION DATED DECEMBER 2010.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
www.callsunshine.com

CITY OF MIAMI PROJECT MANAGER: MANUEL MENDO

CITY OF MIAMI CONSTRUCTION MANAGER: ROBERT FENTON

NOT FOR CONSTRUCTION 100% PLANS

SHEET NO. 1

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GENERAL NOTES:

1. ALL ELEVATIONS REFER TO THE NGVD 1929 VERTICAL DATUM. ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED BY THE CONTRACTOR. CORNERS AND MONUMENTS WITHIN THE WORK ZONE AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE CITY A SIGNED AND SEALED COPY OF THE LAND SURVEYORS' REFERENCE DRAWINGS. INCLUDE ALL COST OF REFERENCING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE BID PRICE FOR MOBILIZATION.
2. THE CONTRACTOR MUST HAND EXCAVATE AROUND AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE EXPECTED OR SUSPECTED IN ORDER TO AVOID DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND COSTS TO CORRECT DAMAGES RESULTING FROM FAILURE TO TAKE ALL NECESSARY PRECAUTIONS INCLUDING LOCATING, MARKING AND CAREFUL EXCAVATION, AND SHOULD BE INCIDENTAL TO THE COST OF THE PROJECT.
3. ALL AREAS WHERE RECONSTRUCTION OCCURS SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE TOWARDS CATCH BASINS. CONTRACTOR SHALL SOD ALL AREAS DISTURBED BY THE WORK UPON COMPLETION OF FINISH GRADING IF NOT SPECIFIED OTHERWISE ON THE PLANS.
4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
5. IT IS THE OBLIGATION OF THE BIDDER OR THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION AND SATISFY HIMSELF FULLY OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS BID. FAILURE TO DO SO, WILL NOT RELIEVE HIM OF HIS OBLIGATION TO COMPLETE THE WORK FULLY AND ACCEPTABLE TO THE ENGINEER AND THE OWNER FOR THE CONSIDERATION SET FORTH IN HIS BID.
6. CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.
7. CONTRACTOR SHALL CUT EXISTING DRIVEWAYS AND SIDEWALKS CAREFULLY AND NEATLY WHERE PIPING CROSSES THESE LOCATIONS. CUT EXISTING CONCRETE SIDEWALKS AT THE NEAREST JOINTS AND REPLACE CUT OUT SECTION AS DETAILED IN THE CITY STANDARDS AND FINISH TO MATCH EXISTING SURFACE LEVEL AND FINISH.
8. BASELINE OF CONSTRUCTION FOR ALL STREETS SHALL BE THE STREET CENTER LINE OR AS SHOWN ON THE PLANS.
9. ALL DISTURBED GRASS AREAS SHALL BE RESTORED WITH SUITABLE SOIL AND SOLID ST AUGUSTINE SOD IF NOT SPECIFIED OTHERWISE ON THE PLANS.
10. IT IS THE INTENT OF THESE PLANS TO BE IN COMPLIANCE WITH APPLICABLE CODES OF AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
11. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT (FEATHERED) LINE AND FLUSH WITH EXISTING PAVEMENT.
12. THE CONTRACTOR SHALL USE CITY OF MIAMI STANDARD FOR DESIGN AND CONSTRUCTION (2010) AND THE FDOT STANDARD INDEX AND SPECIFICATIONS (2013) UNLESS OTHERWISE SPECIFIED.
13. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, UTILITIES AND UTILITY MARKERS, WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURES, PAVEMENT, TREES, UTILITIES, UTILITY MARKERS OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
14. CONTRACTOR SHALL RESET OR REPLACE EXISTING METER BOXES AND PULL BOXES AS REQUIRED FOR SIDEWALK RECONSTRUCTION. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFIED ELECTRICAL CONTRACTOR. WHEN REPLACING AN EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS AND NEW PULL BOXES/METER BOXES IS INCIDENTAL TO TOTAL PROJECT COST.
15. ANY EXIST. IRRIGATION LINES SERVED FROM SCHOOL BOARD PROPERTY TO BE CAPPED. NOTIFICATION SHALL BE GIVEN TO MIAMI DADE SCHOOL BOARD MAINTENANCE OFFICE. COST TO BE INCLUDED UNDER CLEARING AND GRUBBING.
16. LIGHTING EQUIPMENT/FIXTURES OR OTHER SALVAGEABLE ITEMS WITHIN THE SCHOOL BOARD DEDICATION AREA OR SCHOOL BOARD PROPERTY SHALL BE SALVAGED. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT'S MAINTENANCE DEPARTMENT.

UTILITY COMPANY CONTACT LIST:

ATT	STEVE MASSIE	305-222-8745
COMCAST CABLE	LEONARD MAXWELL-NEWBOLD	954-447-8405
MIAMI-DADE COUNTY PUBLIC WORKS	AURELIO DEL VALLE	305-592-8925 EXT.258
FIBERLIGHT LLC	CHRIS PANCIONE	954-596-2559
FDOT 6	THOMAS MILLER	305-491-4391
FLORIDA POWER AND LIGHT-DADE	TRACY STERN	800-868-8554
FLORIDA POWER AND LIGHT-FIBERNET	DANNY HASKETT	305-552-2031
FLORIDA POWER AND LIGHT-TRANSMISSION	SEYED HAJASSADOLLAH	305-228-5290
GLOBAL CROSSING	JIM VANVALKENBURGH	585-255-1030
MIAMI-DADE ENTERPRISE TECHNOLOGY	JUAN AGUIRRE	305-596-8404
LEVEL 3 COMMUNICATIONS	JUDY HENRY	720-888-2061
MCI	INVESTIGATIONS	972-729-6016
MIAMI-DADE WATER AND SEWER	PATRICK CHONG	786-268-5255
TECO PEOPLE GAS SOUTH FLORIDA	YVONNE GOLDMAN	954-453-0824
QWEST COMMUNICATIONS	MIKE FITZGERALD	813-630-2605
SPRINT NEXTEL	MARK CLADWELL	321-287-9942

SYMBOL LEGEND

- Tree
- Palm Tree
- Single Support Sign
- Manhole Drainage
- Curb Inlet
- Meter Water
- Fire Hydrant
- Valve Water
- Manhole Unmarked
- Wood Pole
- Wiring Pull Box
- Catch Basin
- Manhole Sewer
- Guard Post
- Column
- Guy Wire
- Double Support Sign
- Light Pole
- Concrete Light Pole
- Valve Unknown
- Monitoring Well
- Valve Gas
- Manhole Telephone
- Irrigation Valve

ABBREVIATION

CBS	Concrete Block Stucco
Typ.	Typical
Transf.	Transformer
Conc.	Concrete
Elev.	Elevation
Sta.	Station
Conc	Concrete
T.B.M.	Temporary Bench Mark
Fnd.	Found

LINE LEGEND:

- Overhead Line
- Chain link Fence
- Metal Fence

PAVING, GRADING AND DRAINAGE NOTES:

1. ALL WORK TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF AND ACCEPTABLE TO CITY OF MIAMI PUBLIC WORKS DEPARTMENT, MIAMI-DADE COUNTY D.E.R.M AND THE COUNTY PUBLIC WORKS TRAFFIC CONTROL SECTION.
2. CONTRACTOR SHALL PROVIDE HIS OWN LINE AND GRADE FROM HORIZONTAL AND VERTICAL CONTROL. CONTRACTOR SHALL ALSO PROVIDE "AS BUILT" GRADES CERTIFIED BY A REGISTERED LAND SURVEYOR AS REQUIRED BY THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT.
3. PAVEMENT RESTORATION AND DRIVEWAY CONSTRUCTION SHALL BY CONSTRUCTED IN ACCORDANCE WITH THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT.
4. CONTRACTOR TO PROVIDE PROCTOR AND FIELD DENSITY TESTS (WHERE APPLICABLE) ON TRENCH FILL MATERIALS BASE AS REQUIRED IN THE SPECIFICATIONS. IN THE EVENT OF FIELD DENSITY TEST FAILURES, THE CONTRACTOR SHALL REWORK THE BASE AND/OR SUBGRADE AS REQUIRED AND PROVIDE ADDITIONAL TEST(S), AS REQUIRED, AT HIS EXPENSE.
5. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT STANDARD (2010) DETAIL MISC 35-85-37 OR PER DETAILS SHOWN ON THESE PLANS.
6. BID PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS COMPLETE IN PLACE, TESTED, AND ACCEPTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL USE SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. THIS SHALL BE DONE DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL EXISTING LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
9. PEDESTRIAN CURB RAMPS AND DETECTABLE WARNING DOMES SHALL COMPLY WITH FDOT STANDARD 304 AND SHALL BE CAST IN PLACE YELLOW SUCH AS ARMOR-TILE TYPE.
10. CONTRACTOR SHALL CONTACT SUNSHINE AT (800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH MIAMI DADE COUNTY'S WHITE LINE ORDINANCE AND UTILIZE LOW IMPACT UTILITY MARKING PAINT.
11. EXISTING TREES SHALL BE REMOVED, ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT IS REQUIRED FOR TREE REMOVAL AND RELOCATION. CONTRACTOR SHALL NOTIFY THE CITY OF MIAMI PRIOR TO REMOVING AND RELOCATING ANY TREES. REFER TO LANDSCAPE PLAN FOR MORE INFORMATION. TREE TRIMMING AND REMOVAL PERMITS ON MIAMI DADE TRANSIT AGENCY PROPERTY SHALL BE ADMINISTERED BY THE CITY'S NET OFFICE.
12. EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
13. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION (WHERE APPLICABLE).
14. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
15. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
16. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
17. TEMPORARY PATCH MATERIAL SHALL BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT.
18. ALL EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO REMAIN AND TO BE PROTECTED UNLESS OTHERWISE SPECIFIED AND APPROVED.
19. THE CONTRACTOR SHALL NOT REMOVE OR RELOCATE ANY TREES WITHOUT PRIOR APPROVAL FROM THE CITY. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE CITY PUBLIC WORKS DEPARTMENT PRIOR TO ANY TREE REMOVAL/RELOCATION. THE CONTRACTOR SHALL PRUNE, ROOT PRUNE, AND SUPPORT ALL TREES THAT ARE ADJACENT TO TRENCH EXCAVATION. COST SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST. TREE TRIMMING AND REMOVAL PERMITS ON MIAMI DADE TRANSIT AGENCY PROPERTY SHALL BE ADMINISTERED BY THE CITY'S NET OFFICE.
20. CONTRACTOR SHALL IMPLEMENT AND ENFORCE ALL NPDES EROSION AND SEDIMENT CONTROL RULES AND REGULATIONS.
21. CONTRACTOR SHALL PLANT THE TREES OUTSIDE THE SIGHT TRIANGLE OF EACH DRIVEWAY OR AS DIRECTED BY THE CITY.
22. CONTRACT SHALL INCLUDE IN THE BID PRICE FOR CLEARING AND GRUBBING OF THE FOLLOWING ITEMS: STREET NAMES, CONCRETE DRIVEWAY PADS, ASPHALTIC DRIVEWAY PADS, SIDEWALK FLAGS TO BE REPLACED AND CURB RAMPS.

ENVIRONMENTAL NOTES

1. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
2. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE PROJECT ENGINEER (INSERT CONTACT INFORMATION HERE) AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
3. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN GIBSON PARK OR OTHER ENVIRONMENTALLY SENSITIVE AREAS.
4. CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
5. CONTRACTOR TO PROVIDE A CERTIFIED ARBORIST WHO WILL DETERMINE ANY ROOT PRUNING AND ANY OTHER TRIMMING ACTIVITIES. COST TO BE INCIDENTAL TO CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
6. A NATIONAL POLLUTANT AND DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IS REQUIRED. CONTACT ELYNOSA ESTEVEZ OF CITY OF MIAMI PUBLIC WORKS NPDES SECTION STORMWATER, EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY'S MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
www.callsunshine.com

PAY ITEM NOTES

1. ALL DEMOLITION SHALL BE PAID UNDER CLEARING AND GRUBBING

REVISIONS			
DATE	BY	DESCRIPTION	

EOR: Francisco J. Alonso, P.E. No. 66913

T.Y.LIN INTERNATIONAL

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

GENERAL NOTES & LEGEND

SHEET NO. 2

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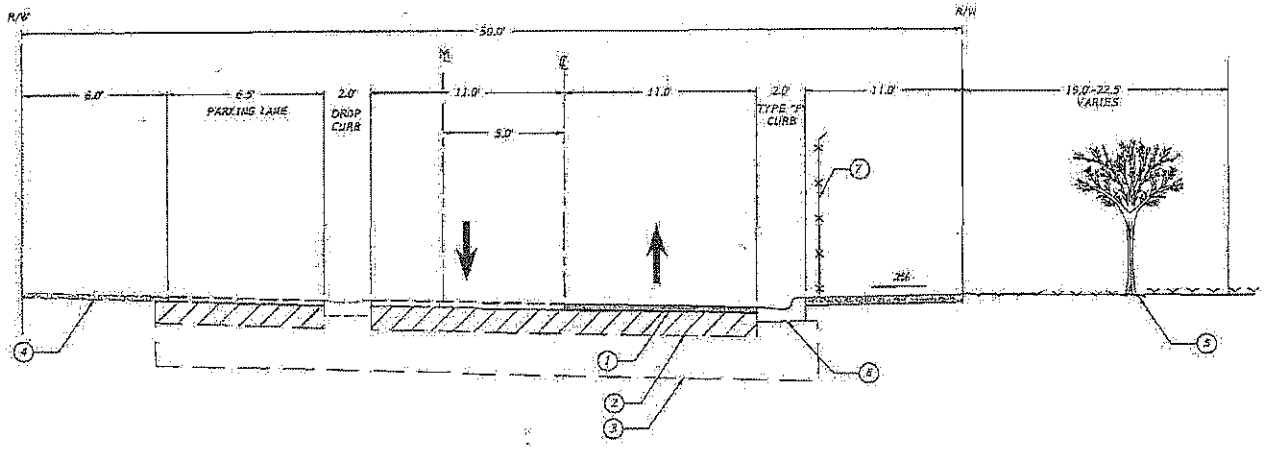

NW 11th TERRACE TYPICAL SECTION
FROM STA 33+54.46 TO 37+11.20
N.T.S.

1. PROPOSED MILLING & RESURFACING (1" AVERAGE, SP 9.5)
2. EXISTING LIMEROCK BASE TO REMAIN.
3. EXISTING SUBGRADE TO REMAIN.
4. EXISTING SIDEWALK TO REMAIN UNLESS OTHERWISE SHOWN ON PLANS.
5. REFER TO LANDSCAPE PLANS AND DETAILS.
6. PROPOSED CURB AND GUTTER TYPE F.
7. EXISTING FENCE REFER TO ROADWAY GEOMETRY & PAVING PLAN FOR DETAILS

NOTE:
1. REFER TO ROADWAY GEOMETRY & PAVING PLANS FOR HARDSCAPE LOCATION.
2. REFER TO HARDSCAPE PLANS AND HARDSCAPE DETAILS FOR MORE INFORMATION

NOT FOR CONSTRUCTION 100% PLANS

17

REVISIONS		
DATE	BY	DESCRIPTION

FOR

Francisco J. Alonso, P.E.
No. 66918
T-Y-LIN INTERNATIONAL

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MIAMI, FLORIDA 33130
(305) 416-2133 FAX (305) 416-2153

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 1 AVE TO NW 2 AVE	B-30624

TYPICAL SECTION

SHEET NO. 3

SUMMARY OF DRAINAGE STRUCTURES

Structure No.	SHEET No.	STATION	SIDE	OFFSET (ft)	DESCRIPTION	PIPE SIZE (in)	TOTAL LENGTH (LF)	SOLID STORM SEWER PIPE (LF)		CATCH BASIN(EA)			MANHOLE	INLET TOP		INVERTS (ft)				STRUCTURE BOTTOM ELEV.	RIM/GRATE ELEV.	REMARKS
								15"	18"	TYPE D-4	TYPE F-3	TYPE 9	TYPE A	TYPE D	TYPE 9	N	S	E	W	(ft)	(ft)	
34	6	36+93.66	RT	22.43	INLET	15"	28	28			1					8.81				8.81	11.95	
35	7	36+93.72	LT	5.84	INLET						1						8.31	8.31		7.31	11.11	
PROJECT TOTALS							28	28	0	0	2	0	0	0	0							

SUMMARY OF QUANTITIES

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY	FINAL QUANTITY
101-1	Mobilization	LS	1	
102-1	Maintenance of Traffic	LS	1	
110-1-1	Clearing and Grubbing	LS	1	
327-70-6	Milling Existing Asphalt Pavement (1" average)	SY	499	
334-1-13	Superpave Asphaltic Concrete, Traffic C (110lbs/sy-in., 1" ave. min. Includes roadway and parking lanes)	TN	27	
430-175-115	Pipe Culvert, Optional Material, Round, 15"S/CD	LF	28	
520-1-10	Concrete Curb Type "F"	LF	572	
520-2-4	Concrete Curb Type "D"	LF	78	
522-1	Sidewalk Concrete, 4" Thick	SY	1,030	
	Inlet Curb Type F-3	EA	1	
	Lighting System	LS	1	
	Signing and Pavement Marking Complete	LS	1	
	Hardscape Complete	LS	1	
590-1-2	Landscape Complete	LS	1	
	Permitting Allowance	LS	1	
	Contingency (Do Not Bid)	LS	1	

PAY ITEM NOTES

1. ALL DEMOLITION AND FENCE REMOVAL SHALL BE PAID UNDER CLEARING AND GRUBBING

SIGNING AND PAVEMENT MARKING				
PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY	FINAL QUANTITY
0706 3	Reflective Pavement Markers (Left)	EA	8	
0711-11125	24" Solid Traffic Stripe (White)	LF	11	
0711 11170	Sharrow (Share Lane)	EA	4	
0711 11211	6" Solid Traffic Stripe (Yellow)	LF	100	
0702-20 11	Single Post Sign, FDOT, Less Than 12 sf	AS	3	
0700 20 60	Single Post Sign, Remove	AS	1	

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SOR

Francisco J. Alonso, P.E.
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CAPITAL IMPROVEMENTS PROGRAM

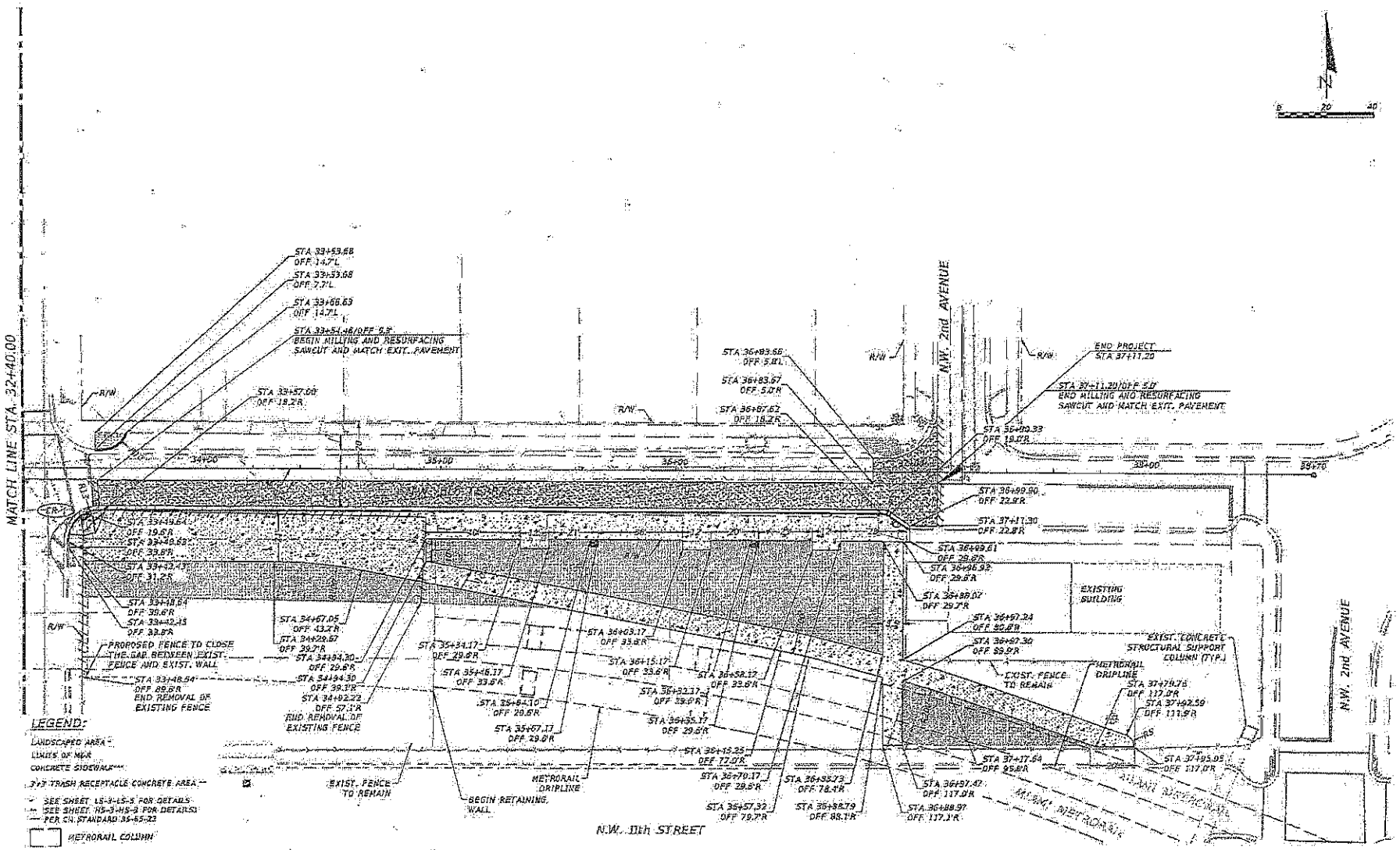
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 5 AVE TO NW 2 AVE	B-30652-1

SUMMARY OF DRAINAGE STRUCTURES & QUANTITIES

SHEET NO. 4

Pleasant Hill Project 55000.00, Overtown, Greenway Corp. SUMMARY OF DRAINAGE STRUCTURES AND QUANTITIES - Plot Date: 7/30/2013



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DATE	BY	DESCRIPTION

EOR

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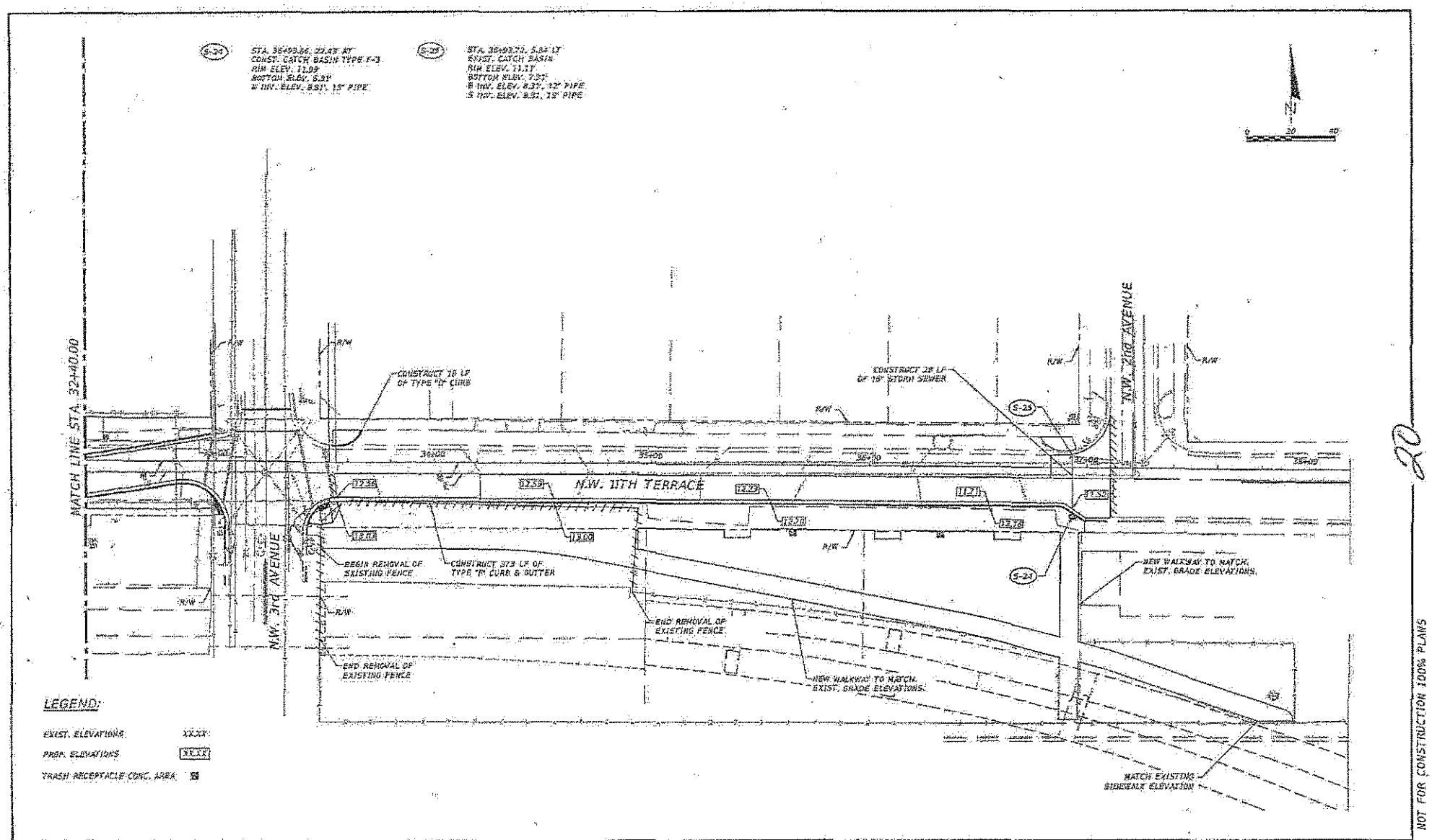
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

ROADWAY GEOMETRY & PAVING PLAN

SHEET NO. 5



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No. 60818

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CITY OF MIAMI
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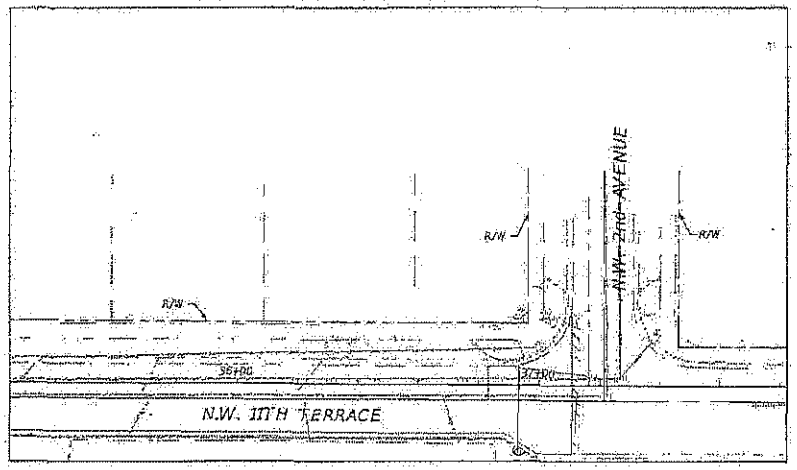
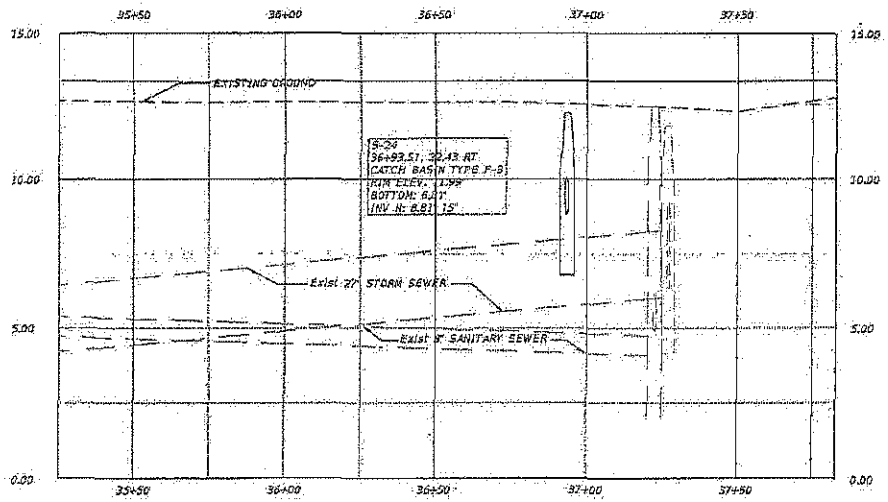
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

GRADING & DRAINAGE PLAN

SHEET NO. 6





PLAN AND PROFILE

NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

EOR

Francisco J. Alonso, P.E.
No. 60918

T·Y·LIN INTERNATIONAL

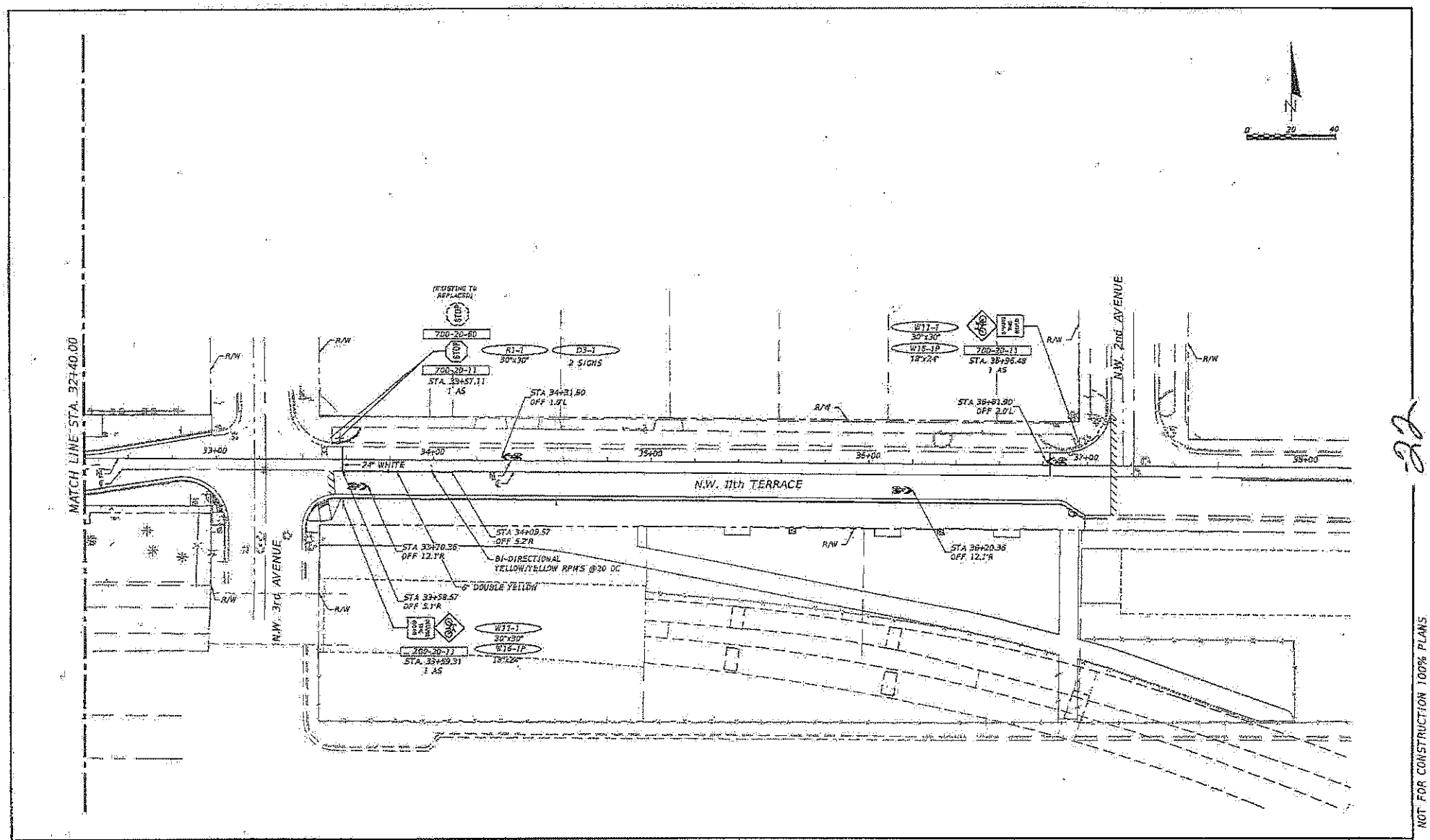
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

PLAN & PROFILE PLAN

SHEET NO. 7



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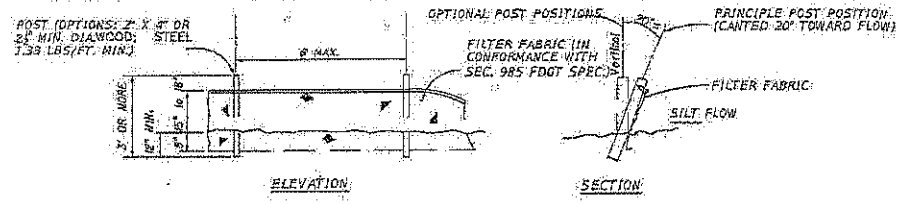
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

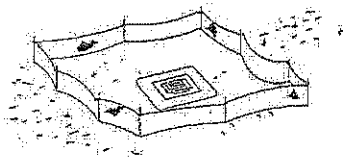
SIGNING & PAVEMENT MARKING PLAN

SHEET NO. 8

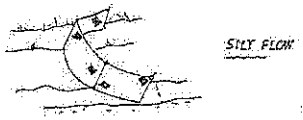


SILT FENCE DETAILS

NTS



TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.



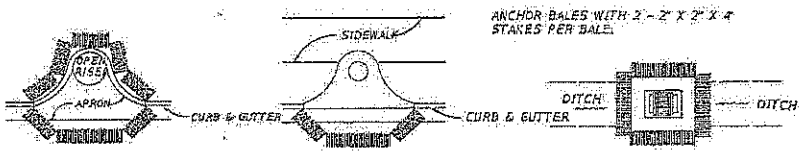
NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3 PER INDEX 102

TYPE III SILT FENCE

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses.
Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

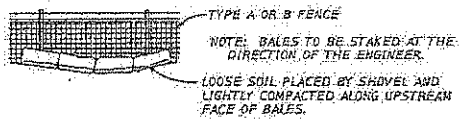
SILT FENCE APPLICATIONS

NTS



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

NTS



STORM WATER POLLUTION PREVENTION PRACTICES: (FOR PROJECTS OF 1 ACRE OR MORE)

1. TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS, THE CONSTRUCTION PLANS, AND OR PER TREE ORDINANCE 12636.
2. THE STORM WATER POLLUTION PREVENTION PLAN, SWPPP, SUBMITTED TO PUBLIC WORKS, SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE USE OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES, FOR THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS MUST BE APPROVED BY THE CITY OF MIAMI - NPDES SECTION, DEPARTMENT OF PUBLIC WORKS.
3. ENVIRONMENTAL CONTROL FEATURES AS PROVIDED IN THE SWPPP, ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR DRAINAGE SYSTEM, OR STRUCTURE CONSTRUCTION PRIOR TO SUCH EXCAVATION OR FILL. INLET ENTRANCES ARE ALSO TO BE PROTECTED FROM SILTATION AS DETAILED ON SHEET 2 OF 4 OF MISC. 35-89-6.
4. ALL ENVIRONMENTAL CONTROL FEATURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN ACCORDANCE WITH N.P.D.E.S. REQUIREMENTS. THE CONTRACTOR MUST INSURE THAT ALL EROSION CONTROL FEATURES FUNCTION PROPERLY AT ALL TIMES.
5. ALL EROSION AND MATERIAL DEPOSITS MUST BE CONTAINED WITHIN THE PROJECT LIMITS.
6. ANY DAMAGED OR INEFFECTIVE ROCK BAGS ARE TO BE REPLACED WITH NEW ONES. THE LOCATION OF ROCK BAGS INSTALLATION IS AS MENTIONED IN THE SWPPP PLANS. THE PROJECT ENGINEER MAY SPECIFY OTHER AREAS AS NECESSARY.
7. DITCH BOTTOM INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. ROCK BAGS SHALL BE INSTALLED AROUND INLET TOP. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH ROCK BAGS TO PREVENT SEDIMENT INTAKE.
8. CURB INLETS ALSO SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. ALL EXPOSED SLOPED MATERIAL ADJACENT TO INLET, SHALL BE COVERED WITH EROSION CONTROL MATTING WITH OUTER LIMITS PROTECTED BY ROCK BAGS.
9. STOCKPILED MATERIAL SHALL NOT BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR ROCK BAGS.
10. INSPECTION OF EROSION CONTROL MEASURES AND CONDITION OF ADJACENT PROPERTIES, SHALL BE PERFORMED DAILY BY THE CONTRACTORS REPRESENTATIVE AND THE PROJECT ENGINEER. DEFICIENCIES SHALL BE NOTED AND CORRECTED.
11. ANY OFFSITE SEDIMENT DISCHARGE TO A MUNICIPAL SEPARATE STORM WATER SYSTEM ARISING FROM THE CONTRACTOR'S ACTIVITIES IS NOT ALLOWED. REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25.
12. THE USE OF SANITARY SEWERS, FRENCH DRAINS, COVER DITCHES AND/OR ROCK DRAINS FOR THE DISPOSAL OF WASTEWATER IS EXPRESSLY PROHIBITED.

REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25. " NPDES - NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. EROSION & SEDIMENT CONTROL STABILIZATION PRACTICES:

___TEMPORARY SODDING
___TEMPORARY GRASSING
___PERMANENT PLANTING, SEEDING OR SEED

B. MULCH

___TEMPORARY MULCHING
___ARTIFICIAL COVERING
___BUFFER ZONES
___PRESERVATION OF NATURAL RESOURCES
___OTHER

C. STRUCTURAL PRACTICES:

___SAND BAGGING

D. OTHER CONTROLS: OFFSITE VEHICLE TRACKING:

___HAUL ROADS DAMPENED FOR DUST CONTROL.
___LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN, OR APPROVED EQUAL.
___EXCESS DIRT ON ROAD REMOVED DAILY
___STABILIZED CONSTRUCTION ENTRANCE
___CONCRETE TRUCK WASH AREA
___OTHER TREATMENT OF STORM WATER TO MEET WATER QUALITY:
___DEEP WELLS
___CULVERTS FOR EMERGENCY OVERFLOW
___POLLUTION CONTROL STRUCTURES
___OTHER

E. GENERAL

1. APPROVED STATE, LOCAL PLANS OR STORM WATER PERMITS.
2. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
3. ALL CONTROLS SHALL BE INSPECTED DAILY.
4. APPLY FERTILIZERS AND PESTICIDES ACCORDING TO STANDARD SPECIFICATIONS, DESIGN AND SPECIAL PROVISIONS.
5. REPORT NON-STORM WATER DISCHARGE (INCLUDING SPILL) (305) 416-1200.
6. VISIT www.dep.state.fl.us/water/stormwater/npdes/.

NOT FOR CONSTRUCTION 100% PLANS

23

REVISIONS		
DATE	BY	DESCRIPTION

EOR
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(305) 416-1200 FAX (305) 416-1201

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III (NW 1ST TERRACE FROM NW 1ST AVE TO NW 5TH AVE)	B-30624

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 9

STORM WATER POLLUTION PREVENTION NOTES:

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

A. THE FOLLOWING NARRATIVE AND REFERENCED DOCUMENTS.
B. THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, CITY OF MIAMI PW BULLETIN No. 25 AND CITY ORDINANCE No. 13001.
C. REPORT OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PLAN DELINEATED IN THIS SWPPP IS FOR CONSTRUCTION ACTIVITIES WITHIN OVERTOWN GREENWAY NW 11TH TERRACE AND NW 9TH AVENUE TO NW 3RD AVENUE. THE PROJECT INCLUDES DEMOLITION OF THE EXISTING ROADWAY, CONSTRUCTION OF A NEW ROADWAY WITH DRAINAGE IMPROVEMENTS, INSTALLATION OF LANDSCAPING AND HARDSCAPE.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAIL SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS THE EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE CLEARING AND GRUBBING OTHER AREAS OF THE SITE.

1. CLEARING AND GRUBBING.
2. ASPHALT MILLING AND RESURFACING.
3. DRAINAGE WORK

1.C. AREA ESTIMATES

TOTAL PROJECT AREA: 2.49 ACRES
TOTAL AREA TO BE DISTURBED: 2.49 ACRES

1.D. RUNOFF DATA

Runoff Coefficients:

Before Construction: 0.62
During Construction: 0.77
After Construction: 0.77

1.E. SITE MAP

THE SHEETS CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLANS REFERENCED IN THIS SECTION ARE INDENTIFIED ON THE KEY SHEET OF THE PLANS.

- DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE GRADING & DRAINAGE PLAN. THE FLOW ARROWS REPRESENT THE FLOW DIRECTION.
- APPROXIMATE SLOPES: THE PLANS MAINTAINS A 2% TYPICAL CROSS SLOPE AS INDICATED ON THE TYPICAL SECTION.
- AREAS OF SOIL DISTURBANCE: THE LIMITS OF SOIL DISTURBANCE ARE SHOWN ON THE TYPICAL SECTION SHEETS AND PLANS SHEETS.
- AREAS NOT TO BE DISTURBED: ENTIRE PROJECT AREA TO BE DISTURBED.
- LOCATIONS OF TEMPORARY CONTROLS: ROCK BAGS WILL BE LOCATED AROUND ALL EXISTING AND PROPOSED INLETS; TURBIDITY BARRIERS WILL BE LOCATED AT ANY BODIES OF WATER AFFECTED BY THIS PROJECT.
- LOCATIONS OF PERMANENT CONTROLS: PERMANENT FEATURES ARE SHOWN ON THE CONSTRUCTION PLANS, WHICH GENERALLY CONSIST OF SOD, ASPHALT, CONCRETE, AND DRAINAGE STRUCTURES.
- SURFACE WATERS: NONE
- WETLAND AREAS: NONE
- AREAS TO BE STABILIZED: NEW ROADWAY BASE AND SODDED AREAS

2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SECTION 104 EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLAN (TCP) OUTLINED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITES AND THE NEED FOR BETTER PRACTICES TO LIMIT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL MINIMIZE THE SOIL AREAS EXPOSED AT ANY GIVEN TIME AND SHALL STABILIZE AREAS THAT WILL REMAIN IDLE FOR MORE THAN 7 DAYS. THE CONTRACTOR SHALL UTILIZE GRADING TECHNIQUES TO DIRECT RUNOFF TO AREAS WITH THE PROPER EROSION CONTROL FEATURES INSTALLED AND AWAY FROM OPEN WATER OR OTHER SENSITIVE AREAS ADJACENT TO THE WORK SITE.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS, TO PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

PERMANENT:

- ASPHALT OR CONCRETE SURFACE.
- SOD IN ACCORDANCE WITH ORDINANCE 12636.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. ALL SEDIMENTS CONTROLS SHALL BE IN PLACE BEFORE ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

TEMPORARY:

- ROCK BAGS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

PERMANENT:

- CURB AND GUTTER
- DRAINAGE STRUCTURES
- SOD

2.B. STORM WATER MANAGEMENT:

DRAINAGE PATTERNS AND DIVIDES ARE INCLUDED ON THE DRAINAGE MAP INCLUDED IN THE DRAINAGE REPORT. STORM WATER IS CAPTURE BY PROPOSED INLETS AND RETAIN IN INFILTRATION TRENCHES

2.C. OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE; THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

2.C.1 DISCHARGE OF MATERIAL TO SURFACE WATERS:

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGE TO WATERS OF THE STATE UNLESS AUTHORIZED BY SECTION 40. PERMIT AND/OR CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ON-SITE. IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIAL. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES.
- DISPOSE OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- DISPOSE OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF THE SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPAULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. PROVIDE A STREET SWEEPING PLAN TO THE CITY INSPECTOR.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- COVER LADDED HAUL TRUCKS WITH TARPAULINS.
- REMOVE EXCESS DIRT FROM ROADS DAILY.
- STABILIZE CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARDS 106. (CONTRUCTION ENTRANCES ARE ALREADY STABILIZED FOR THIS PROJECT)

2.C.3 WASTE DISPOSAL, SANITARY SEWER OR SEPTIC TANK REGULATIONS:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIAL, SCRAP BUILDING MATERIAL, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. SHALL BE DESIGNATE A WASTE COLLATION AREA ON SITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.

SANITARY SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY THE STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.

THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

NOT FOR CONSTRUCTION 100% PLANS

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PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 9 AVE TO NW 3 AVE	8-30624

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 10

STORM WATER POLLUTION PREVENTION NOTES CONTINUED:

2.C.4. FERTILIZERS AND PESTICIDES:

THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURES-RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION FOR ROADS AND BRIDGE CONSTRUCTION. HERBICIDES AND PESTICIDES SHALL BE ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

2.C.5 TOXIC/HAZARDOUS MATERIAL HANDLING

CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIAL AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURE RECOMMENDED METHOD.

CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIAL SPILL CONTROL PLAN TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS.
PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

TOXIC/HAZARDOUS MATERIAL EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLE AS PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.D STATE AND LOCAL PERMITS TO BE APPLIED FOR:

* CLASS II FROM THE DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT.
* NPDES FROM THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT

3.0 MAINTENANCE

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR. IF A CONTROL NEEDS REPAIR OR REPLACEMENT, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT AND RECORDED ON THE INSPECTION FORMS. MAINTENANCE SHALL CONTINUE UNTIL ALL ERODIBLE SOILS WITHIN THE CONTRIBUTING AREA HAVE BEEN STABILIZED. AT THIS POINT, THE CONTRACTOR SHALL REMOVE EXCESS SILT AT THE CONTROLS AND REMOVE THE TEMPORARY DEVICES. THE MAINTENANCE PLAN SHALL AT MINIMUM, COMPLY WITH THE FOLLOWING:

* INLET PROTECTION (ROCK BAGS): THE CONTRACTOR SHALL INSPECT THE PROTECTED INLETS EVERY TWO WEEKS AND REPLACE THE ROCK BAGS IF NECESSARY OR WHEN EXCESSIVE POUNDING OCCURS; ELIMINATE BREACHES IN THE PROTECTION.
* TURBIDITY BARRIER: MAINTAIN AS PER SECTION 104 OF THE SPECIFICATIONS.
* STREET SWEEPING: DAILY CONTROL AND DUST PREVENTION WITH WATER TRUCK.
* GRASSED AREAS: NEWLY SODDED AREAS AND ADJACENT AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AND MAINTAINED; WATERING AND MOWING AS NEEDED OR REQUIRED IN THE FDOT STANDARD SECIFICATIONS.

4.0 INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT ALL THE CONTROL FEATURES AT LEAST ONE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY WEEK. THE CONTRACTOR SHALL ALSO ENSURE THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE FOLLOWING ITEMS WILL BE INSPECTED:

* POINTS OF DISCHARGE TO SURFACE WATERS OR WETLANDS: INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (INLETS, ETC.): INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.
* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.
* STRUCTURAL CONTROLS: INSPECT FOR PROPER INSTALLATION AND OPERATION.
* STORMWATER MANAGEMENT SYSTEMS: INSPECT FOR PROPER OPERATION, EVIDENCE OF FLOODING DUE TO SEDIMENTATION OR CONTROLS REQUIRING MAINTENANCE.
* LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE: INSPECT FOR EVIDENCE OF OFFSITE TRACKING.

THE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF INSPECTION THAT INDICATES ITEMS ARE NOT IN GOOD WORKING ORDER BASED ON THE RESULTS OF THE INSPECTION. ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER OPERATION OF ALL CONTROLS, BMPS OR MEASURES IDENTIFIED IN THIS SWPPP SHALL BE DONE IN A TIMELY MANNER, BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. IF NEEDED, POLLUTION PREVENTION CONTROLS SHALL BE REVISED AS APPROPRIATE IF FAILURES IN THE PLAN ARE NOTED; THESE REVISIONS SHALL BE IMPLEMENTED NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

A REPORT (USE FDOT FORM 650-040-03) SUMMARIZING THE SCOPE OF THE INSPECTION SHALL INCLUDE THE INSPECTOR'S NAME, QUALIFICATIONS, DATE, RAINFALL DATA, OBSERVATIONS RELATING TO THE SWPPP, AND ACTIONS TAKEN SINCE THE LAST REPORT. THE REPORT SHALL INDENTIFY ALL INCIDENTS OF NON-COMPLIANCE.

IF THERE ARE NO INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT. THE REPORT SHALL BE SIGNED AND FILED AS REQUIRED BY THE GENERIC PERMIT.

THE CONTRACTOR SHALL MAINTAIN A FILE CONTAINING THE CURRENT SWPPP, NOI SUBMITTAL, CERTIFICATIONS AND ALL THE SIGNED INSPECTION REPORTS; THE NOTICE OF INTENT SUBMITTED AS REQUIRED BY CHAPTER 62-621, FAC, MUST BE POSTED AT THE SITE.

5.0 NON-STORM WATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORM WATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES) SUCH AS THOSE LISTED BELOW. THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORM WATER DISCHARGES.

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE CITY OF MIAMI PROJECT MANAGER.

A DEWATERING PERMIT IS REQUIRED TO REMOVED GROUNDWATER FROM THE CONSTRUCTION SITE.

* CULVERT INSTALLATION METHODS
* SLURRY DISPOSAL
* DUST CONTROL
* EQUIPMENT WASHOUT
* PIPE DESILTING ACTIVITIES
* IRRIGATION

6.0 CONTRACTOR SUBMITTAL:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BMP'S AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

1. COPY OF THE SWPPP WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTORS EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24-HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETE INSPECTION FORMS.

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CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III (NW 11 TERRACE FROM NW 1 AVE TO NW 3 AVE)	B-30624

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 11

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TRAFFIC CONTROL NOTES:

GENERAL NOTES:

1. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
2. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE THE EXISTING POSTED SPEED (20MPH).
3. AS DETERMINED BY THE CONSTRUCTION PROJECT MANAGER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
4. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY COVERING OR REMOVING/RELOCATING AND RESTORING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
5. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORMWATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC THRU THE WORK ZONE IN A MANNER APPROVED BY THE CONSTRUCTION PROJECT MANAGER. COST FOR REMOVING THE WATER SHALL BE DEEMED INCIDENTAL TO THE PROJECT COST.
7. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH FDOT INDEX 600 SERIES.
8. ALL WORK SHALL BE PERFORMED DURING DAYTIME OR WEEKDAYS FROM 8:00AM TO 6:00PM (NO INTERRUPTION OF TRAFFIC IS PERMITTED) AND FROM 9:00AM TO 5:00PM ON SATURDAY.
9. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF ANY DETOURS, IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
10. CONTRACTOR MUST PROVIDE FLASHER ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED
11. THE CONSTRUCTION SITE IS LOCATED WITHIN AN ACTIVE COMMERCIAL/ENTERTAINMENT DISTRICT AND ADJACENT TO A PUBLIC SCHOOL. THE CONTRACTOR SHALL STRICTLY COMPLY WITH THE MAINTENANCE OF TRAFFIC AND NOTIFICATION REQUIREMENTS FOR THIS PROJECT.
12. A SEPARATE CITY OF MIAMI PUBLIC WORKS MAINTENANCE OF TRAFFIC PERMIT SHALL BE REQUIRED PRIOR TO CONSTRUCTION.
13. SUITABLE ACCESS TO PRIVATE PROPERTY SHALL BE PROVIDED AT ALL TIMES.
14. CONTRACTOR SHALL CONTACT MIAMI DADE TRANSIT (MDT) AND REQUEST A SPOTTER FOR ANY WORK WITHIN 30' OF ANY MDT FACILITY. THE COST OF THIS SHALL BE INCLUDED IN PAY ITEM 102-1, "MAINTENANCE OF TRAFFIC".

DROP OFFS:

1. THE CONTRACTOR SHALL PROTECT THE WORK ZONE WITH DEVICES APPROVED BY THE CITY OF MIAMI PUBLIC WORKS WHEN DROP OFFS EXCEED 3' ADJACENT TO TRAVEL WAYS.

MARKINGS:

1. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. GRINDING OR MILLING WITHOUT ASPHALT OVERLAY SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS AS DESIGNATED BY THE CONSTRUCTION PROJECT MANAGER. PAVEMENT MARKINGS SHALL BE REPLACED AT THE TIME TRAFFIC CONTROL PLANS ARE NO LONGER AFFECTED BY THEIR PLACEMENT. COST OF REMOVAL AND REPLACEMENT OF PAVEMENT MARKINGS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS PROHIBITED.
2. TEMPORARY PAVEMENT MARKING SHALL BE PAINT.

WORK ZONE LIMITS:

1. THE LENGTH OF AN OPEN TRENCH, ALONG NW 11 TERRACE FROM NW 3 AVENUE TO NW 2 AVENUE, SHALL NOT EXCEED 500 FEET. PROPERTY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

1. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH BARRICADES. TEMPORARY CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST OF BACKFILLING DROP OFF SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
2. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING LIGHTS, SIGNING, AND CHANNELIZATION DEVICES ON AT LEAST ONE SIDE OF THE PROJECT AT ALL TIMES THROUGHOUT THE PROJECT LIMITS. THE TRAVEL PATH SHALL BE A MINIMUM OF 4 FEET WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK AND IT SHOULD BE RAMPED AS NECESSARY FOR CONTINUITY. COST TO CONSTRUCT AND MAINTAIN THE TRAVEL PATH AS REQUIRED SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.

TRAFFIC CONTROL PHASES:

PHASE 1 TCP (SEE SHEET 13)

1. CONSTRUCT DRAINAGE STRUCTURE.
2. CONSTRUCT LANDSCAPE AREA, MILL & RESURFACE EASTBOUND LANE FROM STA 33+54.48 TO STA 36+96.29.

PHASE 2 TCP

1. CONSTRUCT LANDSCAPE AREA ON THE NORTH SIDE OF NW 11 TERRACE

NOT FOR CONSTRUCTION 100% PLANS

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PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III (NW 11 TERRACE BETWEEN NW 2 AVE & NW 3 AVE)	B-30624

TRAFFIC CONTROL NOTES & PHASES

SHEET NO. 12

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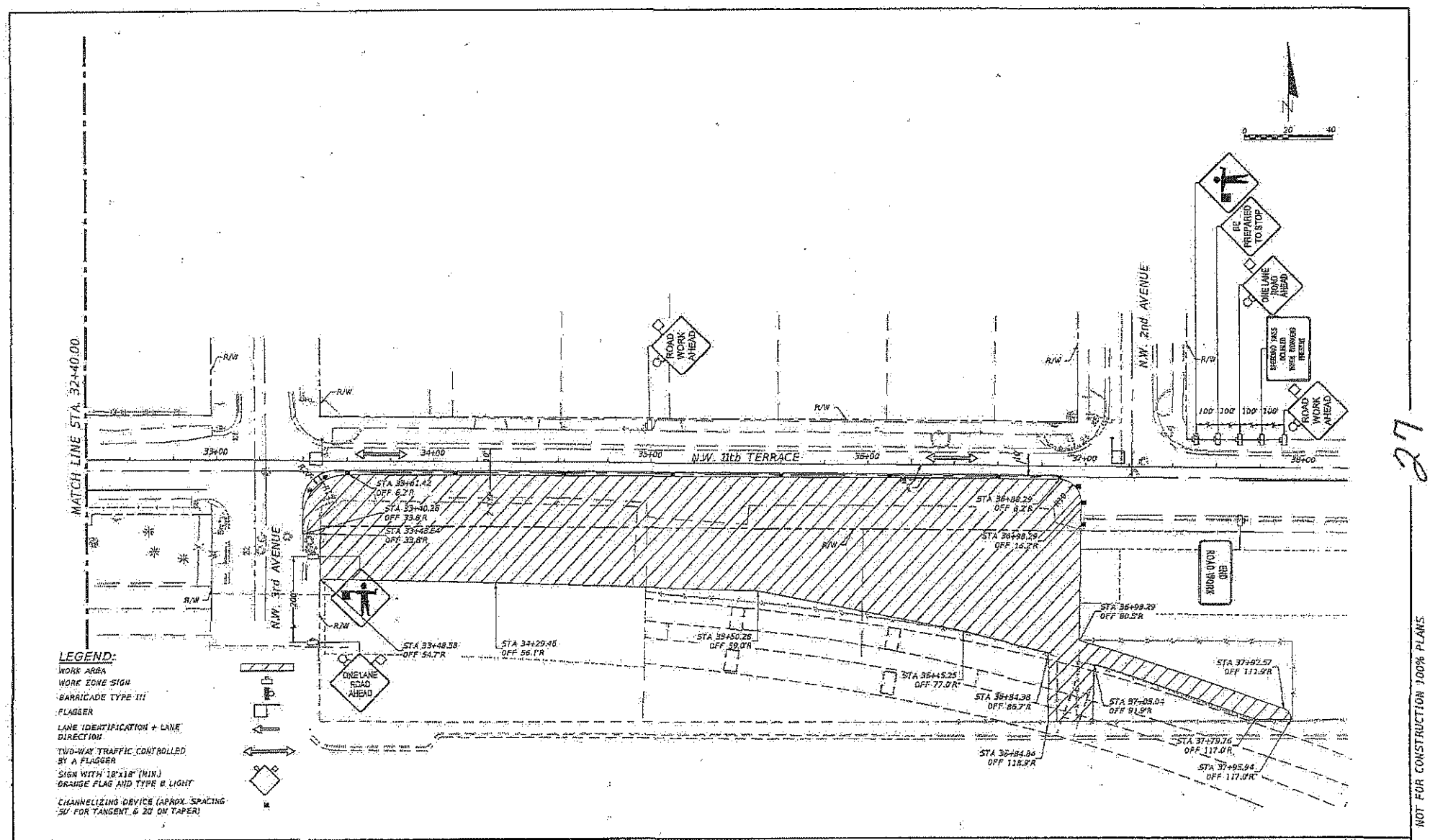

NOT FOR CONSTRUCTION 100% PLANS

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CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

TRAFFIC CONTROL PLAN
PHASE 1

SHEET NO. 13

HARDSCAPE NOTES:

PATINA COATING

APPLICATION

FOR CONCRETE SLABS:

A. PREPARATORY SLAB CLEANING: THE CONCRETE SLAB SHOULD BE CLEAN AND FREE OF CONTAMINATION.

B. APPLICATION: PATINA SOLUTION SHALL BE APPLIED USING A MANUAL PUMP GARDEN SPRAYER OR FROM SHAMPOO TANK ON ROTARY POLISHING MACHINE. SPECIAL CARE SHOULD BE TAKEN TO AVOID TRACKING FOOT PRINTS FROM WET AREAS TO DRY REACTIVE SLAB.

C. DRYING: PATINA SOLUTION SHOULD BE ALLOWED TO DRY FOR A MINIMUM OF SIX HOURS AFTER SATURATING THE CONCRETE SLAB. REMAINING PUDDLES MAY SPREAD OUT TO GIVE THOROUGH DRYING.

D. REMOVAL OF DRY RESIDUE: THE DRY MINERAL RESIDUE MUST BE REMOVED BY WET SCRUBBING WITH A RED PAD ON A ROTARY FLOOR MACHINE, A WET VACUUM IS USED TO REMOVE THE WATER AND SALT RESIDUE.

E. SEALING /POLISHING: THE APPLICATION OF THE SEALER ON THE PATINATED CONCRETE SLAB SURFACE IS OPTIONAL. HOWEVER, IT IS ALMOST ALWAYS USED ON INTERIOR FLOORS. A COMMERCIAL QUALITY ACRYLIC WATERBORNE SEALER, APPLIED BY MOP ON MOPHEAD, IS ADEQUATE TO SEAL THE PATINATED SLAB AND MAINTAIN A BRIGHT APPEARANCE. AN ADDITIONAL "FINISH COAT" OF ACRYLIC WATERBORNE FLOOR FINISH WILL BE PROVIDE A FINAL SELF POLISHING COAT. FOR COMMERCIAL HIGH TRAFFIC FLOORS, A SOLVENT BASED ACRYLIC OR ONE PART METHYLMETHACRYLATE SEALER IS RECOMMENDED TO BE APPLIED AT LEAST 24 HOURS BEFORE APPLYING THE WATERBORNE ACRYLIC MOP-ON FINISH.

FOR WALL SURFACES:

PATINA SOLUTION CAN BE APPLIED TO A VERTICAL WALL SURFACE BY STAIN PAD OF BY GARDEN SPRAYER AND A FEATHER DUSTER WITH EXTENSION. SPECIAL CARE IS TAKEN TO AVOID DRIP LINES BY:

1. DRAINING THE STAIN PAD ADEQUATELY BEFORE APPLICATION TO THE WALL SURFACE.

2. UTILIZING THE FEATHER DUSTER ON BUILT IN EXTENSION POLE TO PROMPTLY CATCH ANY DRIPS IMMEDIATELY AFTER EACH PASS OF THE SPRAY WAND.

TECHNICAL DATA:

SPECIFIC GRAVITY 1-1.5
FLASHPOINT ..... NONE, NON-FLAMMABLE
SOLUBILITY IN WATER ..... MISCIBLE
PH 1. 3.5

WATERGLASS COATING

APPLICATION

VERTICAL SURFACES: APPLIED BY SPRAY AFTER THOROUGHLY MASKING. (INCLUDING WINDOW GLASS)
SLAB: WATERGLASS SEALER & COATING CAN BE SPRAYED WITH AN AIRLESS SPRAYER AND ALLOWED TO DRY. AFTER DRYING A SECOND COAT MAY BE APPLIED.

FOR CONCRETE SLABS, HIGH SPEED BUFFING OR DRY DIAMOND POLISHING CAN BRING FINISH UP TO A HIGH POLISHED FINISH.

TECHNICAL DATA

DENSITY 1.12-1.26
FLASH POINT ..... NONE

THERMAL COEFFICIENT OF EXPANSION: SAME AS CONCRETE

COLORS: NATURAL CLEAR AND CLASSIC EARTH-TONES, CUSTOM COLOR MATCHING
COVERAGE: 80-125 SQ. FT/GALLON, DEPENDING ON POROSITY

PHYSICAL PROPERTIES

WATER RESISTANCE ... ASTM D1308 ... NO EFFECT
SCRUB RESISTANCE ... ASTM D2486 ... 150 CYCLES

MOISTURE
VAPOR PERMEABILITY ... ASTM D1653 ... 24 PERMS
FIRE RETARDANCY
ON CEMENT ... ASTM D3806 ... "0" FLAME SPREAD
ACCELERATED WEATHERING
2000 HRS ... NO CHANGE
WIND DRIVEN
RAIN RESISTANCE ... FED SPEC ... NO WATER LEAKAGE
TT-C-555B ... NO WEIGHT GAIN
LEED CREDIT-EQ 4.2 (LOW EMITTING MATERIALS)
PAINTS AND COATINGS
LEED CREDIT-SS1.1 AND 1.2 ... (PLAN FOR GREEN SITE AND BUILDING EXTERIOR MANAGEMENT)

HARDSCAPE QUANTITIES

HARDSCAPE				
PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY	FINAL QUANTITY
	Trash Receptacle Surface Mounted	EA	2	
	Bench Surface Mounted	EA	3	
	Coating-from Pavilion over Sidewalk	SY	1,134	
	Fence Type B	LF	3	

NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

EOR
Francisco J. Alonso, P.E.
No. 66918
T·Y·LIN INTERNATIONAL

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444 SW 2ND AVENUE, 8TH FLOOR
MIAMI, FLORIDA 33130
(305) 416-1293 FAX (305) 416-1942

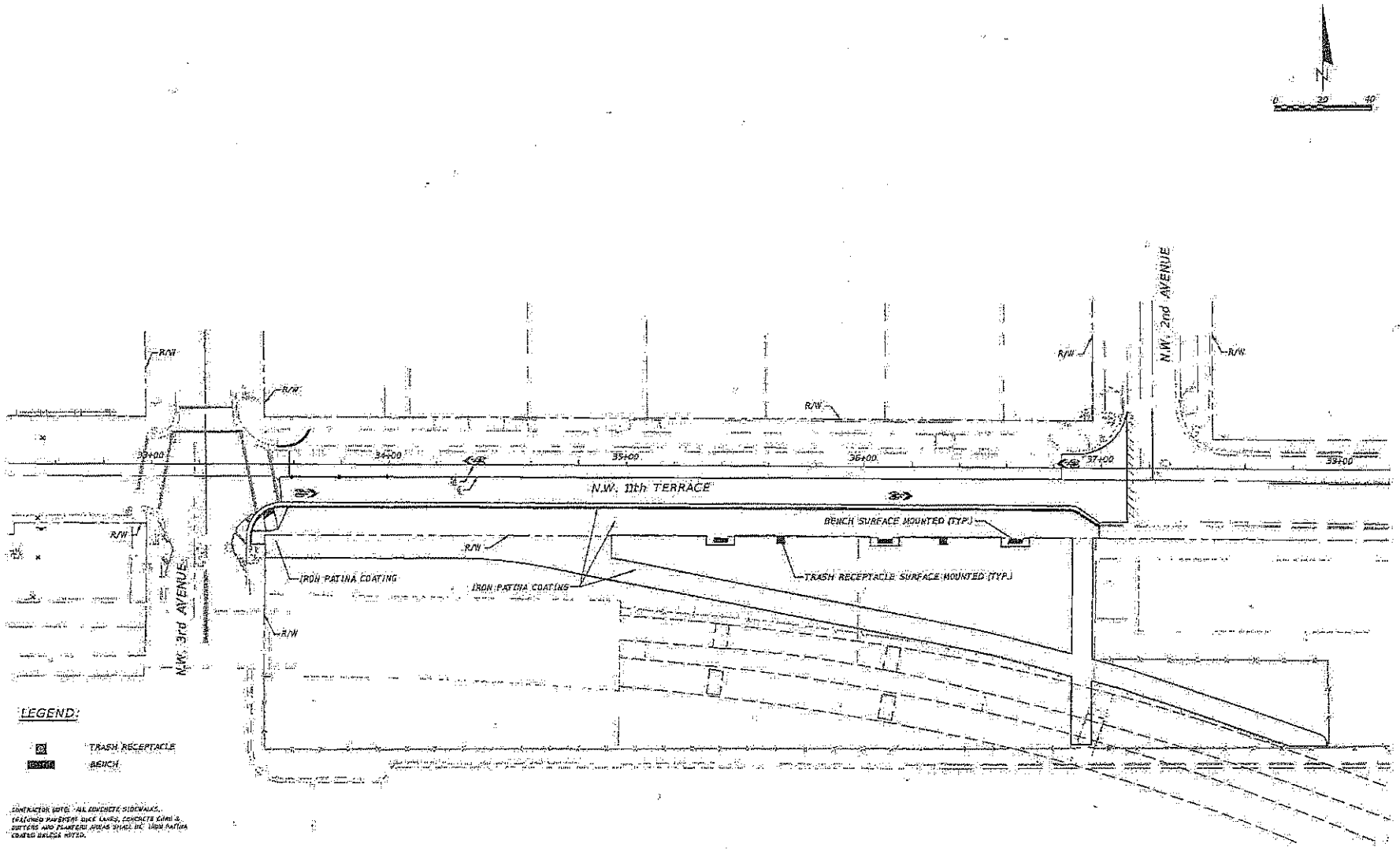
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III 3RD AVENUE FROM NW 7 AVE TO NW 3 AVE	B-30524

HARDSCAPE NOTES & QUANTITIES

SHEET NO.
HS-1

Filename:K:\Projects\B30524_Overtown_Greenway\Dwg\HARDSCAPE NOTES - Plot Date: 7.30.2013



CONTRACTOR NOTE: ALL CONCRETE SIDEWALKS, TEXTURED PAVEMENT DICE LANES, CONCRETE CURB & GUTTERS AND PLANTERS AREAS SHALL BE IRON PATINA COATED UNLESS NOTED.

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29

REVISIONS		
DATE	BY	DESCRIPTION

EOR:

Francisco J. Alonso, P.E.
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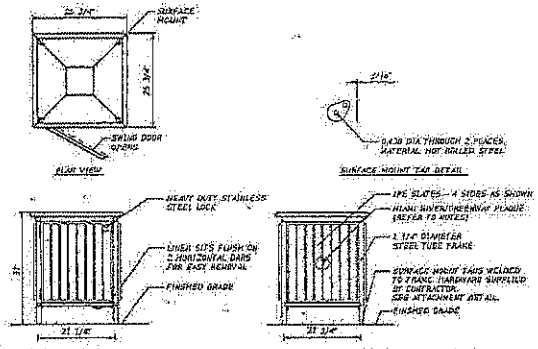
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 2 AVE TO NW 3 AVE	B-30624

HARDSCAPE PLANS

SHEET NO.
HS-2



SPECIFICATIONS:

MANUFACTURER: LANDSCAPE FORMS, INC.

VENDOR: GAP ARCHITECTURAL PRODUCTS (407) 843-2054.

LITTER MODEL: FLAMWELL WASHINGTON SQUARE LITTER RECEPTACLE WITH PLAQUE, 1PE SLATS, HEAVY DUTY STAINLESS STEEL LOCK, 8A TABS SURFACE MOUNT

STYLE: SIDE OPENING

MOUNTING: SURFACE-MOUNTING

LINER COLOR: BLACK

FINISH: PARGARD II V POLYESTER POWDERCOAT

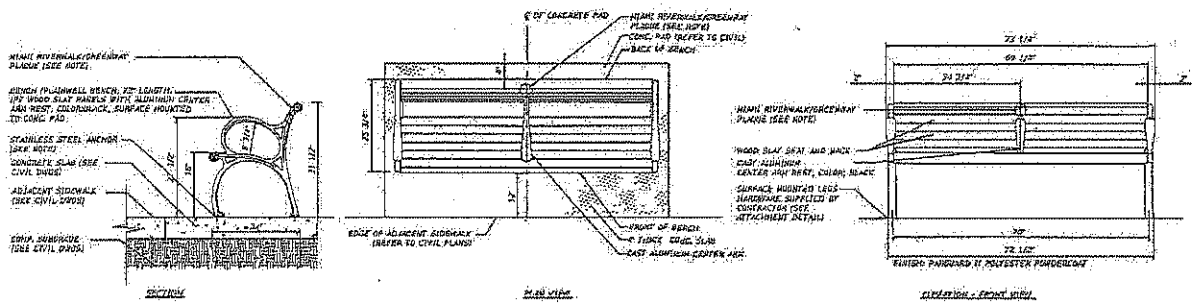
FINISH COLOR: BLACK ANCHORS: STAINLESS STEEL

NOTES:

1. ALL HARDWARE SUPPLIED BY CONTRACTOR TO BE STAINLESS STEEL.
2. ANCHORS TO BE 3/4" DIA., STUD TYPE EXPANSION ANCHOR, WITH 6" X 1/2" LONG MOUNTING HOLES ARE 7/16" DIA.
3. LINER TO HAVE (8) 1/2" DIAMETER HOLES TO ALLOW FOR DRAINAGE.
4. CONTRACTOR TO MANUFACTURE AND SUPPLY CITY OF MIAMI PLAQUE AS PER CITY OF MIAMI DESIGN STANDARDS, CENTER OF PANEL OPPOSITE OF DOOR. PLAQUE INSTALLED BY LANDSCAPE FORMS, INC

LITTER RECEPTACLE - SURFACE MOUNTED

NTS



NOTES:

1. ALL HARDWARE SUPPLIED BY CONTRACTOR TO BE STAINLESS STEEL.
2. INSTALL PER MANUFACTURERS SPECIFICATIONS.
3. BENCHES LOCATED IN PAVEMENT, SHALL BE BOLTED DIRECTLY TO PAVEMENT.
4. EXACT LOCATION OF BENCHES TO BE APPROVED IN FIELD BY CLIENT REPRESENTATIVE.

MANUFACTURER:

MANUFACTURER: LANDSCAPE FORMS, INC.
LOCAL VENDOR: GAP ARCHITECTURAL PRODUCTS.
CONTACT: JESSICA STANKAL, TEL: (904) 388-8371

BENCH - SURFACE MOUNTED

NTS

GENERAL AMENITY FURNISHING NOTES

1. ALL SITE FURNISHINGS SHALL MEET OR EXCEED ASTM, ANSI OR INDUSTRY STANDARDS.
2. SITE FURNISHING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. INSTALL SITE FURNISHINGS WITH TAMPER-PROOF BOLTS OR SIMILAR AS SPECIFIED BY MANUFACTURER.
4. REFER TO MANUFACTURER'S PRODUCT SPECIFICATIONS FOR ALL MATERIAL SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
5. ALL SITE FURNISHINGS TO BE FIELD LOCATED.
6. SUBMIT FOR REVIEW CUT SHEETS FOR ALL SITE FURNISHINGS PRIOR TO INSTALLATION. CUT SHEETS TO INCLUDE INSTALLATION METHODS OF ATTACHMENT TO CONCRETE SURFACE.

30

NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

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CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 7 AVE TO NW 3 AVE	B-30624

HARDSCAPE DETAILS

SHEET NO.
HS-3

PLANTING NOTES :

1. PLANT MATERIAL: ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER AS ESTABLISHED BY "GRADES AND STANDARDS FOR NURSERY PLANTS" OF THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

2. ALL TREES, SHRUBS AND GROUNDCOVER SHALL BE OF THE SIZES AS SPECIFIED IN THE PLANT LIST.

3. QUANTITIES LISTED ON THE PLANT LIST ARE FOR ESTIMATING PURPOSES. CONTRACTOR SHALL VERIFY ALL QUANTITIES. MULCH, TOPSOIL, FERTILIZER, ETC. SHALL BE INCLUDED IN THE UNIT COST OF THE PLANTS.

4. WHERE THERE IS A DISCREPANCY EITHER IN QUANTITIES, PLANT NAMES, SIZES OR SPECIFICATION BETWEEN THE PLAN OR PLANT LIST, THE PLAN TAKES PRECEDENCE.

5. ALL PLANTING BEDS AND WATER BASINS FOR THE TREES SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF SHREDDED EUCALYPTUS OR FLORIMULCH GRADE 'B' OR BETTER.

6. THE PLANTING PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL EXISTING CODES AND APPLICABLE DEED RESTRICTIONS.

7. SOD: ALL AREAS NOT USED FOR BUILDING, VEHICULAR USE AREAS AND WALKS OR PLANTING BEDS SHALL BE GRASSED. GRASSING SHALL EXTEND TO ANY ABUTTING STREET PAVEMENT EDGE AND TO THE MEAN WATERLINE OF ANY ABUTTING CANAL LAKE OR WATERWAY.

8. PLANTING SOIL: ALL TREES AND SHRUBS SHALL BE PLANTED WITH A MINIMUM OF 12" TOPSOIL AROUND AND BENEATH THE ROOTBALL. MINIMUM TOPSOIL SHALL BE 6" FOR GROUNDCOVER AREAS AND 2" FOR SODDED GRASS AREAS.

9. PLANTING SOIL TO BE A WEED FREE MIXTURE OF 50% SAND, 40% MUCK, AND 10% CANADIAN PEAT. ALL PLANT MATERIAL TO RECEIVE PLANTING SOIL AS PER DETAILS.

10. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL UTILITY LOCATIONS AND INSTALLING FACILITIES SO AS TO NOT CONFLICT. ALL DAMAGE DONE TO EXISTING UTILITIES OR IMPROVEMENTS CAUSED BY CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

11. CONTRACTOR TO NOTIFY "SUNSHINE STATE ONE CALL OF FLORIDA, INC" AT 1-800-432-4770 TWO FULL BUSINESS DAYS PRIOR TO DIGGING FOR UNDERGROUND UTILITY LOCATIONS.

12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FINAL GRADING OF ALL ASSOCIATED PLANTING AREAS.

13. AFTER FINAL GRADE, AREA TO BE RAKED TO 5" DEPTH AND ALL ROCK AND FOREIGN INORGANIC MATERIALS REMOVED AND DISPOSED OF PROPERLY OFF-SITE.

14. ALL PLANTING HOLES TO BE HAND DUG EXCEPT WHERE MACHINE DUG HOLES WILL NOT ADVERSELY AFFECT OR DAMAGE UTILITIES OR IMPROVEMENTS (SEE NOTE 8).

15. NO PLUNGING OF ANY TREE OR PALM SHALL BE ACCEPTED. ALL PLANTS TO BE PLANTED AT THE NURSERY GRADE OR SLIGHTLY HIGHER.

16. CONTRACTOR SHALL STAKE AND GUY ALL TREES AND PALMS AT THE TIME OF PLANTING AS PER THE APPROPRIATE DETAIL. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF ALL STAKING AND GUYING DURING WARRANTY PERIOD AND REMOVAL AND DISPOSAL OF STAKING AFTER ESTABLISHMENT PERIOD.

17. FERTILIZER FOR GRASS AREAS SHALL BE NPK 16-4-8 @ 12.5 LBS/1000 S.F. OR 545 LBS./ACRE. NITROGEN 50% SLOW RELEASE FORM AND FERTILIZER TO INCLUDE SECONDARY MICRONUTRIENTS.

18. SUBSTITUTIONS AND CHANGES: ALL SUBSTITUTIONS AND CHANGES SHALL BE APPROVED IN WRITING PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN PLANS, SITES AND SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT, THE OWNER AND GOVERNING MUNICIPALITY.

19. WATERING: ALL PLANT MATERIAL SHALL BE WATERED AT THE TIME OF PLANTING IN ACCORDANCE WITH STANDARD NURSERY PRACTICES. IN ADDITION, CONTRACTOR WILL CONTINUE WATERING OF PLANT MATERIALS UNTIL SUBSTANTIAL COMPLETION AND AS NEEDED THEREAFTER FOR A PERIOD OF 12 MONTHS DURING ENTIRE WARRANTEE PERIOD.

20. ALL NEW PLANT MATERIAL SHALL BE GUARANTEED FOR 1 YEAR FROM TIME OF FINAL ACCEPTANCE OF PROJECT AND PLANT MATERIAL NOT IN A HEALTHY GROWING CONDITION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITHIN 10 DAYS OF NOTIFICATION. FOR ALL REPLACEMENT PLANT MATERIAL, THE WARRANTY PERIOD SHALL BE EXTENDED AN ADDITIONAL 90 DAYS BEYOND THE ORIGINAL WARRANTY PERIOD. ALL TREES THAT LEAN OR ARE BLOWN OVER, CAUSED BY WINDS LESS THAN 75 MPH, WILL BE RE-SET AND BRACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

21. THE SUCCESSFUL BIDDER SHALL FURNISH TO THE OWNER A UNIT PRICE BREAKDOWN FOR ALL THE MATERIALS. THE OWNER MAY, AT ITS DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.

22. NO PLANT MATERIAL WILL NOT BE ACCEPTED SHOWING EVIDENCE OF CABLE, CHAIN MARKS, EQUIPMENT SCARS, OR OTHERWISE DAMAGED.

23. PLANT MATERIAL WILL NOT BE ACCEPTED WHEN THE BALL OF EARTH SURROUNDING ITS ROOTS HAS BEEN CRACKED, BROKEN, OR OTHERWISE DAMAGED.

24. ROOT-PRUNE ALL TREES A MINIMUM OF (8) WEEKS PRIOR TO PLANTING.

25. ALL PLANT MATERIAL PLANTED WITHIN THE SIGHT DISTANCE TRIANGLE AREAS (SEE PLAN) SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY AT A HORIZONTAL LEVEL BETWEEN 30 INCHES AND 8 FEET ABOVE ADJACENT STREET GRADES.

26. NO CANOPY TREES SHALL BE PLANTED WITHIN 12 FEET OF A LIGHT POLE. NO PALM SPECIES SHALL BE PLANTED WITHIN 6 FEET OF A LIGHT POLE.

27. GROUND COVER PLANTING SHALL PROVIDE NOT LESS THAN 50% COVERAGE IMMEDIATELY UPON PLANTING AND 100% COVERAGE WITHIN 6 MONTHS AFTER PLANTING.

28. TREE PROTECTION BARRICADES SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AROUND EXISTING TREES THAT MAY BE IMPACTED BY THE PROPOSED CONSTRUCTION. PRIOR TO ANY CONSTRUCTION A TREE PROTECTION BARRICADE INSPECTION SHALL BE CONDUCTED BY THE LANDSCAPE ARCHITECT, OWNER OR GOVERNING MUNICIPALITY. REFER TO LANDSCAPE DETAIL FOR TREE PRESERVATION BARRICADE FENCING.

29. IN ALL PEDESTRIAN AREAS, ALL TREES AND PALMS SHALL BE MAINTAINED TO ALLOW FOR CLEAR PASSAGE AT AN 8 FOOT CLEAR TRUNK.

30. ALL LANDSCAPE MATERIAL SHALL BE SETBACK A MINIMUM OF 10' FOR ANY FIRE HYDRANT.

GENERAL PLANTING INFORMATION :

MEASUREMENTS:
SHADE TREES: HEIGHT SHALL BE MEASURED FROM GROUND TO THE AVERAGE BRANCH HEIGHT OF CANOPY. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH.
SHRUBS: HEIGHT SHALL BE MEASURED FROM THE GROUND TO THE AVERAGE POINT WHERE MATURE PLANT GROWTH STOPS. SPREAD SHALL BE MEASURED TO THE ENDS OF BRANCHING EQUALLY AROUND THE SHRUB MASS. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH.

PALMS:
CLEAR TRUNK SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO THE POINT WHERE THE MATURE AGED TRUNK JOINS THE IMMATURE OR GREEN PORTION OF THE TRUNK OR HEAD.
GRAY WOOD (G.W.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO TOP OF THE HARDENED TRUNK.
OVERALL HEIGHT (O.A.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME ON INSTALLATION TO THE AVERAGE FROND HEIGHT.
PALMS WITH NARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

PLANTING SOIL AND BACKFILL:
SEE NOTE #9 - SUBMIT SOIL TEST RESULTS FOR ENGINEERS APPROVAL PRIOR TO LANDSCAPE/PLANT INSTALLATION OPERATIONS COMMENCE.

BACKFILL:
ALL NEW AND TRANSPLANTED PLANT MATERIAL (INCLUDING NEW SOD) SHALL BE PLANTED ONLY AFTER THE PREPARATION OF EXISTING SOIL AS FOLLOWS:

FOR SHRUBS, GROUNDCOVER, AND TREES.
SPREAD A LAYER OF 3" DEPTH OF PLANTING SOIL OVER THE ENTIRE PLANTING AREA. THE PLANTING SOIL SHALL THEN BE UNIFORMLY DISKED, TILLED OR AERATED INTO THE EXISTING SOIL TO A DEPTH OF 1' UNDERNEATH SHRUBS AND GROUNDCOVER, 6" UNDERNEATH SOD AND TO A DEPTH OF 3' FOR THE TREE PITS, WITH THE FOLLOWING EXCEPTION: NO ROTO-TILLING OR DISKING SHALL OCCUR CLOSER TO THE TRUNKS OF ESTABLISHED PLANTS THAN ONE HALF (1/2) THE DISTANCE OF THE CANOPY FURTHER OUT FROM THE DRIP LINE OF THE EXISTING PLANT CANOPY.

FOR PALMS.
BACKFILL FOR PALM TREES SHALL BE 100% CLEAN, COARSE-GRAINED SAND (11/64 INCH OR GREATER) AND FREE OF SUBSTANCES HARMFUL TO GROWTH OF PLANTS. (SEE INDEX 544)
ALL PLANTS, INCLUDING HEDGES AND GROUND COVER SHALL BE PLANTED IN INDIVIDUALLY DUG HOLES AND THE MATERIAL DUG FROM THE HOLES SHALL THEN BE FURTHER MIXED WITH THE PREPARED SITE SOIL PRIOR TO BACKFILLING OF THE PLANTING HOLES AROUND THE ROOT BALLS. NO ADDITIONAL BACKFILL SOIL SHALL BE USED. REMOVE EXCESS MATERIAL TO PROVIDE PROPER FINISHED GRADE.

PLANTING SOIL FOR USE IN PREPARING BACKFILL FOR PLANT PITS SHALL BE MENDED WITH A PRE-HYDRATED SODIUM BASED POLYMER ACRYLATE OR APPROVED EQUAL APPLIED AT MANUFACTURERS RECOMMENDATIONS.

SUBMIT SAMPLES OF WATERING POLYMER AND SOIL INOCULATES FOR APPROVAL ALONG WITH APPLICATION RATES.

PLANT MATERIALS:

TREES, PALMS, SHRUBS, GROUND COVERS:
PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, LATEST EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. UNLESS SPECIFIED OTHERWISE, ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. SPECIMEN MEANS AN EXCEPTIONALLY HEAVY, SYMMETRICAL, TIGHTLY KNIT PLANT, SO TRAINED OR FAVORED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND IT IS OUTSTANDINGLY SUPERIOR IN FORM, NUMBER OR BRANCHES, COMPACTNESS AND SYMMETRY.

ALL PLANTS FIELD GROWN SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND FREE OF DISEASE AND INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER. WHERE REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY AND FLORIDA #1. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE ENGINEER.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. ALL CONTAINER GROWN PLANT MATERIAL SHALL BE GROWN IN ITS CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.

SINGLE TRUNK TREES SHALL BE FREE OF "V" CROTCHES THAT COULD BE POINTS OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION.

REVISIONS			FOR		CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM			SHEET NO.
DATE	BY	DESCRIPTION	Francisco J. Alonso, P.E. No. 66918 T-Y-LIN INTERNATIONAL	CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM	PROJECT NAME: OVERTOWN GREENWAY PHASE III	PROJECT No.: B-30624	LANDSCAPE PLANTING NOTES	LS-1

NOT FOR CONSTRUCTION 100% PLANS

LANDSCAPE TABULATION OF QUANTITIES

FAC. ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBER LS-2 PLAN	SHEET NUMBER LS-2 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580 1 1			LANDSCAPE COMPLETE: SMALL PLANT					LS						
		FG	FICUS SP. "GREEN ISLAND"	SAME	15" X 12" 3 GAL	24" O.C.			20				20	
		JV	JASMINE VOLUBILE	WAX JASMINE	12" X 12" 3 GAL	24" O.C.								
		PBM	PHILODENDRON SP. "BURLE MARX"	BURLE MARX PHILODENDRON	12" X 12" 3 GAL	18" O.C.								
580 1 2			LANDSCAPE COMPLETE: LARGE PLANT					LS						
		AD	ADONSONIA DIGITATATA	BOABAB TREE	22' X 30'	A.S.	SUBMIT PHOTO FOR APPROVAL							
		BMS	BISMARKIA NOBILIS "SILVER"	BISMARK PALM	8' C.T.	A.S.								
		CF	CASSIA FISTULA	GOLDEN SHOWER TREE	14' X 8' B&B	A.S.								
		CH	CALLIANDRA HAEMATOCEPHALA	POINDER PUFF	8' X 4' O.A 25 GAL	A.S.								
		DC	DYPSIS CABADAE	CABADA PALM	12' - 14' MULTI TRUNK	A.S.	7 - STEM MINIMUM							
		GL	GERMANTHES LUCIDUS	CRABWOOD	7' X 3' O.A.	7' O.C.								
		LS	LAGERSTROEMIA SPECIOSA	QUEENS CREPE MYRTLE	14' X 8' B&B	A.S.								
		MC	MYRCIARIA CAULIFLORA	JABOTICABA	8' O.A.	A.S.			8				8	
		MF	MERCIANTHES FRAGRANS	SIMPSON STOPPER	7' X 3' O.A.	7' O.C.	SEE L.A.							
		PH10	PHOENIX DACTYLYPHERA "MEDJOOL"	MEDJOOL DATE PALM	10' C.T.	A.S.								
		PH20	PHOENIX DACTYLYPHERA "MEDJOOL"	MEDJOOL DATE PALM	20' C.T.	A.S.								
		PF	PELTOPHORUM PTEROCARPUM	YELLOW POINCIANA	16' X 8' B&B	A.S.								
		QV	QUERCUS VIRGINIANA	LIVE OAK	22' X 10" 10" CAL	A.S.	CONTAINER GROWN ONLY		6				6	
		SC	SPATHODEA CAMPANULATA	AFRICAN TULIP	12' X 8' B&B	A.S.								
		SP5	PINUS ELLIOTII "DENSA"	DADE COUNTY PINE	6' O.A.	A.S.	VERIFY "DENSA" W/L.A.							
		SP10	PINUS ELLIOTII "DENSA"	DADE COUNTY PINE	10' O.A.	A.S.	VERIFY "DENSA" W/L.A.							
		SR	SERENOA REPENS "CINERA"	SILVER SAW PALMETTO	12" X 12" 3 GAL	30" O.C	SILVER FORM ONLY							
		TRB	THRINAX RADIATA	GREEN THATCH PALM	8' O.A. DOUBLE	A.S.			75				15	
		TR10	THRINAX RADIATA	GREEN THATCH PALM	10' O.A. SINGLE	A.S.								
		VM	VEITCHIA MONTGOMERIANA	MONTGOMERY PALM	18' - 18' O.A. DOUBLE	A.S.								

FAC. ITEM NO.	DESCRIPTION	REMARKS	UNIT	SHEET NUMBER LS-2 PLAN	SHEET NUMBER LS-2 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
570 1 2	PERFORMANCE TURF, SOD		SY	1,002				1,002	
	TREE REMOVAL		EA.	3				3	

LANDSCAPE ABBREVIATIONS

ABBR.	DESCRIPTION
A. S.	AS SHOWN.
B. & B.	BALL AND BURLAP
C. T.	CLEAR TRUNK
CAL.	CALIPER
GAL.	GALLON.
O. A.	OVERALL HEIGHT.
O. C.	ON CENTER

NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

FOR:

Francisco J. Alonso, P.E.
No. 66918
T·Y·LIN INTERNATIONAL

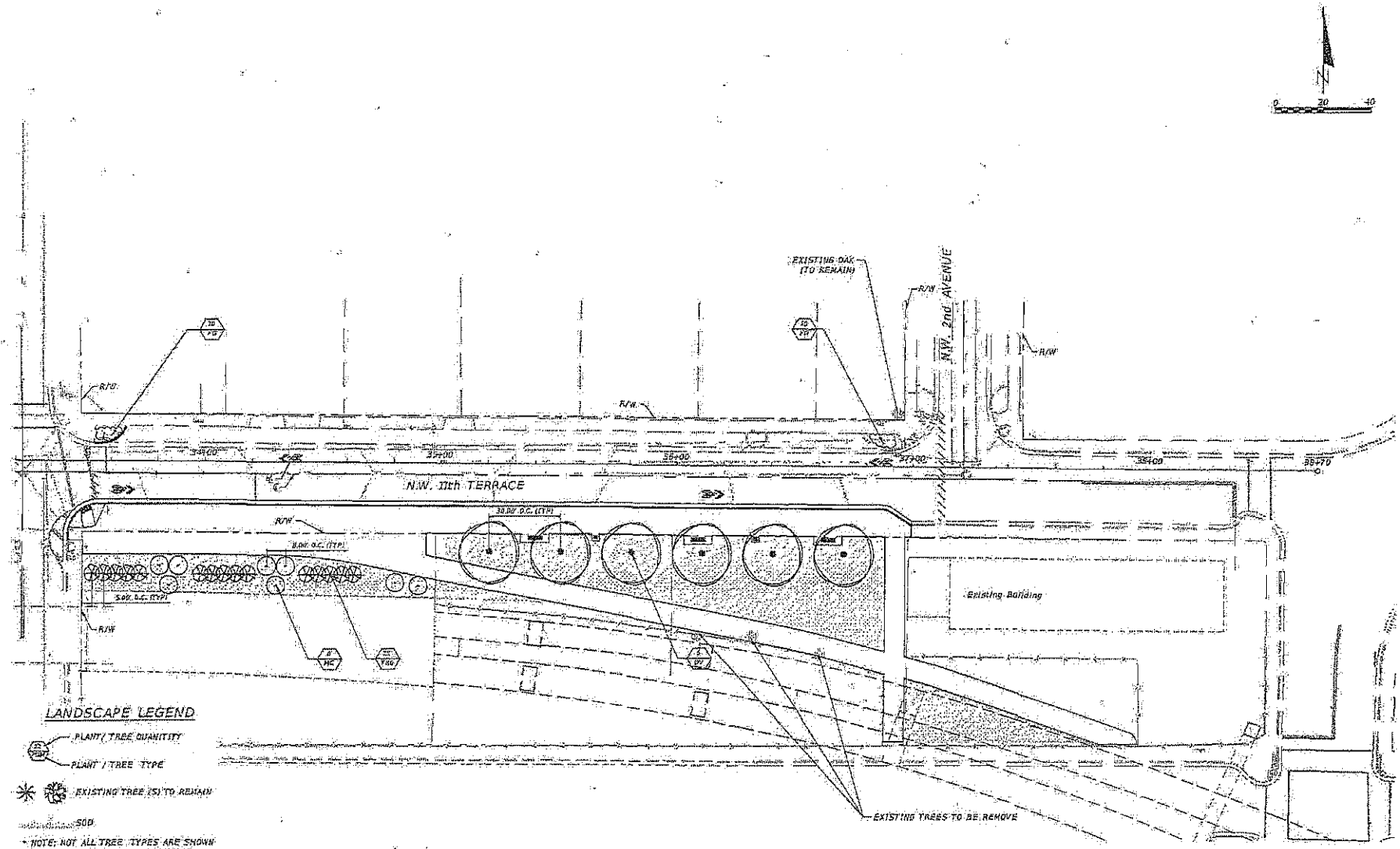
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

LANDSCAPE QUANTITIES

SHEET NO. LS-2



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33

REVISIONS		
DATE	BY	DESCRIPTION

EOR

Francisco J. Alonso, P.E.
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T-Y-LIN INTERNATIONAL

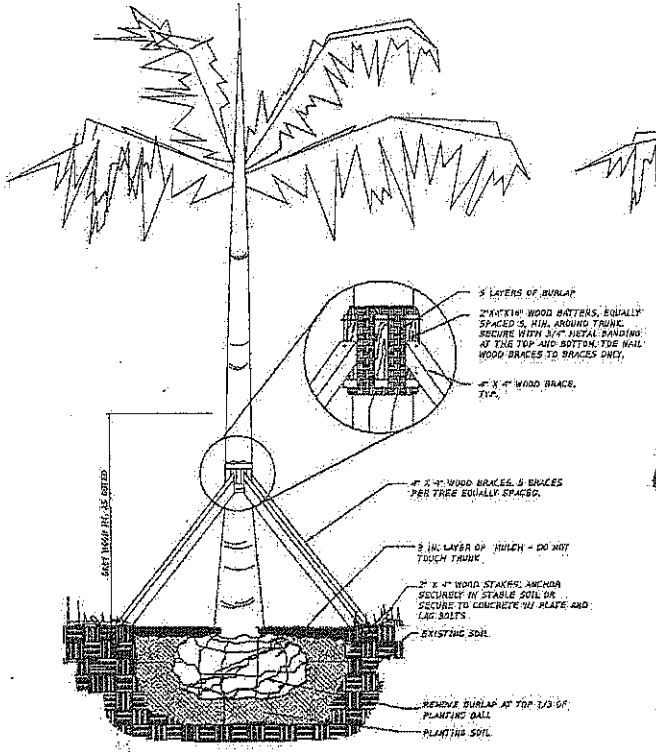
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

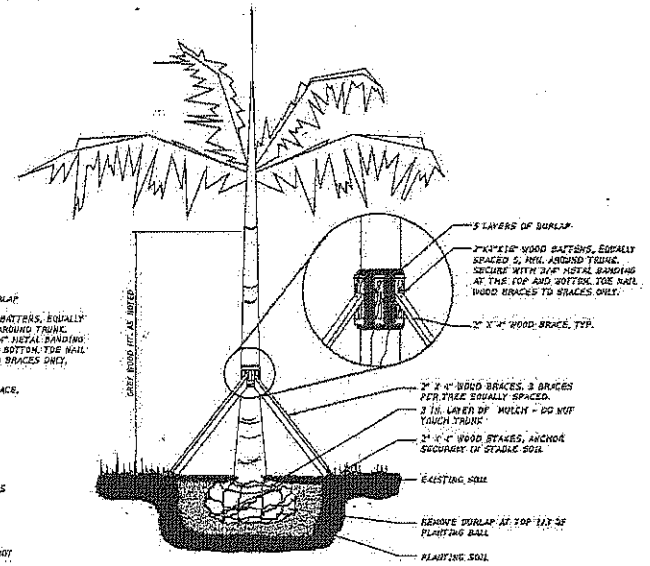
PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

LANDSCAPE PLAN

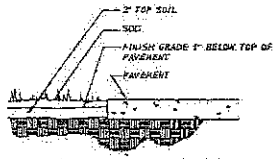
SHEET NO.
LS-3



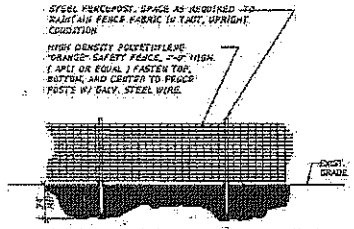
LARGE PALM PLANTING DETAIL
N.T.S.



MEDIUM PALM PLANTING DETAIL
N.T.S.

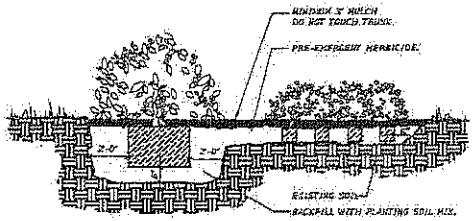


SOD INSTALLATION DETAIL (TYP.)
N.T.S.

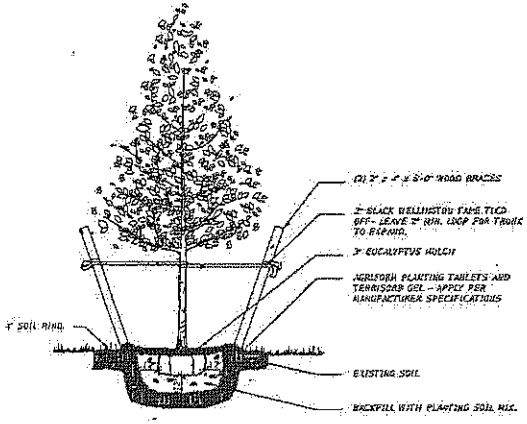


NOTE: ERECT FENCE PRIOR TO BEGINNING DEMOLITION. LEAVE IN PLACE UNTIL ALL PAVING & GRADING IS COMPLETE. FENCE TO BE REMOVED AT TIME SITE IS BEING PREPARED FOR SOD INSTALLATION. FENCE SHOULD BE ERECTED AT DRIPLINE OF TREE OR 10'-0", WHICHEVER IS GREATER.

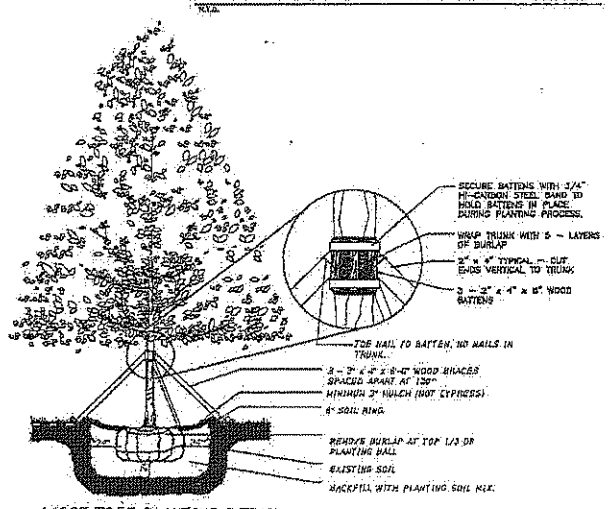
TREE PROTECTION / TEMPORARY BARRIER DETAIL
N.T.S.



SHRUB AND GROUND COVER DETAIL
N.T.S.



SMALL TREE PLANTING DETAIL
N.T.S. FOR TREE SIZES 4" DIA. & UNDER



LARGE TREE PLANTING DETAIL
N.T.S. FOR TREE SIZES OVER 4" DIA. & UNDER

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NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

EOR

Francisco J. Alonso, P.E.
No. 66913
T-Y-LIN INTERNATIONAL

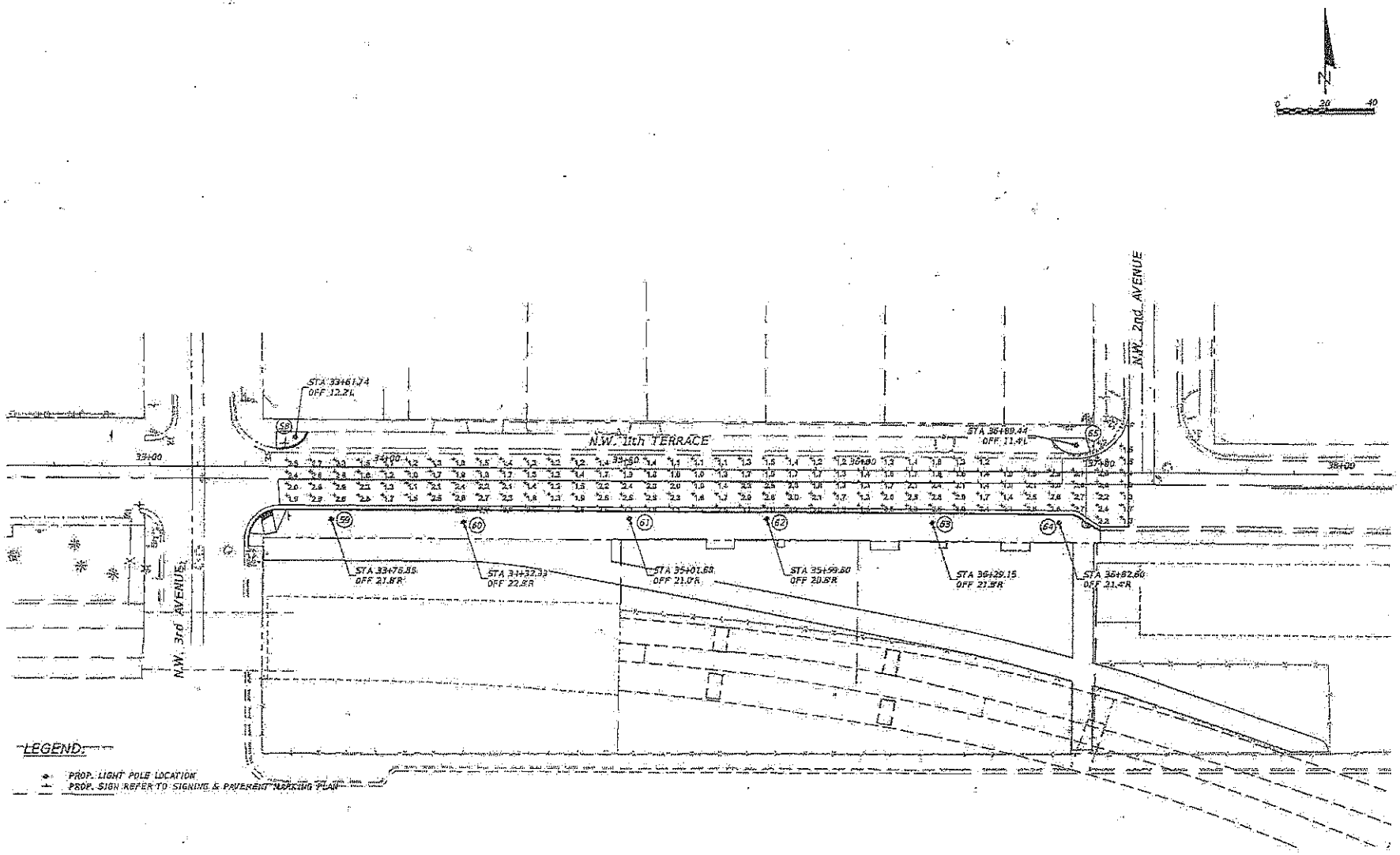
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM
444 SW. 2ND AVENUE, 8TH FLOOR
MIAMI, FLORIDA 33130
(305) 416-1293 FAX (305) 416-1297

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 1ST TERRACE FROM NW 1 AVE TO NW 3 AVE	B-30624

LANDSCAPE DETAILS

SHEET NO. LS-4



NOT FOR CONSTRUCTION 100% PLANS

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REVISIONS		
DATE	BY	DESCRIPTION

EOR.

Francisco J. Alonso, P.E.
No. 66918
T·Y·LIN INTERNATIONAL

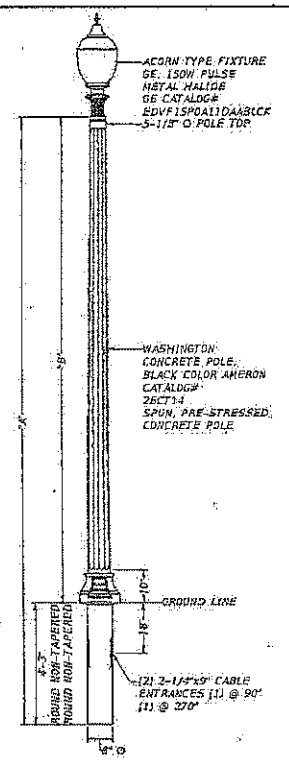
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM
444 S.W. 2ND AVENUE, 8TH FLOOR
MIAMI, FLORIDA 33130
(305) 416-1255 FAX (305) 416-1255

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

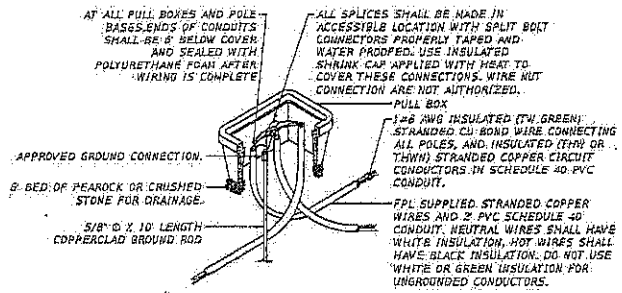
PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III NW 11 TERRACE FROM NW 1 AVE TO NW 2 AVE	B-30624

LIGHTING PLAN

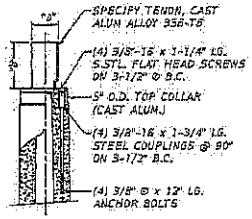
SHEET NO.
LT-1



STREET LIGHT DETAIL
N.T.S



PULL BOX WIRING DETAIL
N.T.S



TOP MOUNT DETAIL
N.T.S

TENON SIZE		
"a"	"b"	
3"	3"	

POLE LOCATION SUMARY					
STATION	OFFSET	POLE No.	STATION	OFFSET
		58	33+61.74	12.2 L
33+76.85	21.8 R	59	60	34+32.33	23.8 R
35+01.68	21.0 R	61	62	35+99.60	20.6 R
36+29.15	21.3 R	63	64	36+82.60	21.4 R
36+89.44	11.4 L	65		

NOTES:

FINISH: #6P31, BLACK/BLACK, NATURAL, EXPOSED FINISH WITH:

(1) ANTI-GRAFFITI COATING.

(2) ASTM C-150 TYPE III GRAY CEMENT.

(3) f'c @ 28 DAYS=7,000 PSI, USING SPUN CYLINDER TEST.

(4) f'c @ 28 DAYS=5,000 PSI, USING ASTM C-31 CYLINDER TEST.

(5) POLES MANUFACTURED TO ASTM C-1089-97 SPECIFICATIONS.

(6) PAINT TOP COLLAR & TENONS TO SPECIFIED COLOR.

VEF VICTORIAN-EMBEDDED-FLUTED			
POLE DESIGNATION	"A" OVERALL LENGTH	"B" NOMINAL HEIGHT A.G.	WEIGHT (lbs.)
26CT14	18'-9"	14'-6"	510

LIGHTING DESIGN CRITERIA	
I AVERAGE MAINTAINED ILLUMINATION =	1.7 FC
II MINIMUM ILLUMINATION =	0.8 FC
III MAXIMUM ILLUMINATION =	3.6 FC
IV AVERAGE TO MINIMUM (LESS THAN 4:1) =	2.1 FC
V MAXIMUM TO MINIMUM (LESS THAN 10:1) =	4.5 FC

*DESIGNED POLE SPACING (BASED ON GE #452180.IES PHOTOMETRIC CURVE) = 88 FEET

ELECTRICAL SPECIFICATION NOTES:

A. FLORIDA POWER AND LIGHT COMPANY SHALL PROVIDE 120/240V, 1PH, 3W SERVICE VOLTAGE FOR STREET LIGHTING.

B. FPL CO. SHALL SUPPLY POLE AND POLE MOUNTED FIXTURE, PULL BOXES, CONDUITS, CONDUCTORS, FUSE AND FUSE HOLDERS AND SHALL PERFORM ALL REQUIRED ELECTRICAL CONNECTION FOR A COMPLETE AND FUNCTIONAL STREET LIGHTING SYSTEM.

C. ELECTRICAL CONTRACTOR SHALL DIG TRENCH INSTALL CONDUITS W/ PULL STRING AND SET UP PULL BOXES AS REQUIRED BY FPL CO.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND UTILITIES AND STRUCTURAL CONFLICTS IN COOPERATION WITH THE UTILITY COMPANY(S).

E. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO LOCATE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED. REPAIRS SHALL BE PERFORMED TO THE SATISFACTION OF THE CITY OF SOUTH MIAMI. NO ADDITIONAL PAYMENTS WOULD BE AUTHORIZED.

F. STATIONING MAY BE ADJUSTED AS DIRECTED BY THE CITY OF SOUTH MIAMI REPRESENTATIVE TO AVOID UTILITY OR STRUCTURAL CONFLICTS NOT INDICATED IN THE PLANS.

G. SIDEWALK SLABS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN FULL AND COLORED WHERE NECESSARY TO MATCH THE EXISTING SIDEWALK.

H. CONTRACTOR MUST MAINTAIN THE EXISTING LIGHTING SYSTEM OR SUPPLY A TEMPORARY ONE UNTIL THE NEW LIGHTING SYSTEM CAN BE ACTIVATED.

I. ALL MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE UNDERWRITER'S LABORATORY APPROVED.

J. THE LUMINAIRE MANUFACTURER SHALL PLACE A PERMANENT TAG ON THE LUMINAIRE HOUSING ON WHICH IS IMPRINTED THE FOLLOWING INFORMATION: WATTAGE, BALLAST TYPE, LAMP SHOWN ON DESIGN PLANS, LAMP SETTING (POSITION IN LUMINAIRE), I.E.S. LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED, INPUT VOLTAGE AND POWER FACTOR. LUMINAIRE PHOTOMETRIC SUBMITTALS REQUIRED.

K. GROUND RODS SHALL HAVE A RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS WHERE THE RESISTANCE IS NOT ALLOWED AS LOW AS 25 OHMS. TWO OR MORE GROUND RODS CONNECTED IN PARALLEL SHALL BE USED.

L. FPL CO. SHALL REMOVE/RELOCATE AT NO COST TO THE "COSM" POLES IN CONFLICT WITH THE NEW LIGHTING LAYOUT.

M. FPL CO. SHALL DISCONNECT AND REMOVE EXITING BRACKETS AND COBRA HEADS AND DISPOSE OF THEM AS PER "CITY OF MIAMI" WRITTEN INSTRUCTIONS.

N. WIRES AT PULL BOXES SHALL BE LOOPED UP WITH SUFFICIENT LENGTH TO COMPLETELY REMOVE CONNECTORS, TO THE OUTSIDE TO MAKE THEM ACCESSIBLE FOR CHANGING FUSES AND TROUBLE SHOOTING SYSTEM.

O. FLORIDA POWER AND LIGHT COMPANY SHALL SUPPLY TO THE CONTRACTOR AND OFF-LOADED AT A SITE DESIGNATED BY THE CITY OF MIAMI OR ITS REPRESENTATIVE THE MATERIAL REQUIRED FOR THE INSTALLATION AND OPERATION OF THE STREET LIGHTING SYSTEM.

P. CONTRACTOR SHALL INSTALL MATERIALS SUPPLIED BY FLORIDA POWER AND LIGHT COMPANY.

Q. INCIDENTAL ITEMS OR ACCESSORIES REQUIRED TO COMPLETE THE WORK SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.

R. UNDERGROUND CONDUIT SHALL BE MARKED BY PLACING A YELLOW PLASTIC TAPE THE ENTIRE LENGTH OF THE RUN 12 IN. DIRECTLY ABOVE CONDUIT.

S. ENDS OF CONDUIT SHALL BE SEALED WITH POLYURETHANE FOAM AFTER WIRING IS COMPLETED.

STREET LIGHT DETAIL CODE NOTES:

1. GE EDISON V COLONY LUMINAIRE SERIES 175W HH POST TOP. CATALOG NUMBER GE #EDVF17M-A21DA4. SEE CODED NOTE 2.
2. 12'-0" HIGH MANUFACTURED BY AMERON VICTORIAN #VEF-4-XXX WITH TENON CATALOG WITH HIGH STRENGTH BASE/SHAFT COMBINATION, FLUTE/TAPERED CONCRETE POLE WITH POLE TOP TERMINATION TO ACCEPT, GE EDISON V COLONY LUMINAIRE. CONTRACTOR TO PROVIDE ALL ACCESSORIES BY BOTH POST AND LUMINAIRE MANUFACTURER TO GUARANTEE PERFECT FIT AND A COMPLETE INSTALLATION. POST/BASE AND POST TOP TO SUSTAIN F.B.C. WIND LOAD REQUIREMENTS. MANUFACTURER TO SUBMIT FLORIDA STRUCTURAL ENGINEERING SIGNED AND SEALED CALCULATION COMPLYING WITH THIS REQUIREMENTS.
3. CONCRETE BASE, INTEGRAL PART OF THE POST. DEPTH AS REQUIRED TO PROVIDE NECESSARY STRENGTH.
4. PULL BOX, SEE DETAIL
5. INCOMING BRANCH CIRCUIT RUN(S) TO OTHER LUMINAIRES 2" HIGH IMPACT SCHEDULE 40 PVC.
6. PROVIDE 15A IN-LINE FUSE HOLDERS WITH FUSE SIZED AS PER MANUFACTURER'S RECOMMENDATIONS.
7. SPLICE TO NEW LUMINAIRE CONDUCTORS.
8. 2" PVC 40 WITH CONDUCTORS, SEAL ALL CONDUIT OPENINGS.
9. EQUIPMENT GROUND CONDUCTOR #10 BONDED TO INCOMING GROUND AND NEW GROUND ROD TO AUGMENT GROUND.
10. 5/8"X 10' COPPER CLAD STEEL GROUND ROD WITH APPROVED CLAMPS.
11. 1x#CU (6) THWN TO BOND POLE TYPE. L: DRIVE/ PROJECTS/550520.80/ SOUTH MIAMI 66TH STREET/ DOCS

NOT FOR CONSTRUCTION 100% PLANS

REVISIONS		
DATE	BY	DESCRIPTION

EOR:
Francisco J. Alonso, P.E.
No. 66918
T·Y·LIN INTERNATIONAL

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME	PROJECT No.
OVERTOWN GREENWAY PHASE III	B-30624

LIGHTING DETAILS

SHEET NO. LT-2

Pathnm:K:\Projects\550520_Overtown_Greenway\Design\LIGHTING DETAILS - Plot Date:7.30.2013

City of Miami
Certified Copy

City Hall
3500 Pan American Drive
Miami, FL 33133
www.miamigov.com

File Number: 14-00004 **Enactment Number:** R-14-0045

A RESOLUTION OF THE MIAMI CITY COMMISSION, WITH ATTACHMENT(S), AUTHORIZING THE CITY MANAGER TO EXECUTE AN INTERLOCAL AGREEMENT WITH MIAMI-DADE COUNTY TRANSIT ("COUNTY"), IN SUBSTANTIALLY THE ATTACHED FORM, FOR THE OVERTOWN GREENWAY AT NW 11TH TERRACE PROJECT, B-30624 ("PROJECT"); FURTHER GRANTING AND CONVEYING THE CITY OF MIAMI A NON-EXCLUSIVE PERMIT TO ENTER AND REMAIN ON THE COUNTY'S PROPERTY FOR THE PURPOSE OF PERFORMING THE SCOPE OF WORK, AND PROVIDING THAT THE COUNTY MAINTAIN THE PROJECT.

WHEREAS, the City of Miami ("City") and Miami-Dade County Transit ("County") wish to provide a bicycle/pedestrian path and sidewalk enhancements located within the municipal limits of the City and the County; and

WHEREAS, the scope of work consists of sidewalk improvements and beautification along Northwest 2nd Avenue, Northwest 3rd Avenue, Northwest 11th Terrace, Northwest 11th Street, Miami, Florida and the Metrorail Corridor (collectively "Project"); and

WHEREAS, the Project also encompasses roadway reconstruction, milling and resurfacing, the addition of benches, lighting, trash bins and landscaping, including the planting of native trees and adding sod along the Project limits; and

WHEREAS the City will be responsible for the design, construction, management and administration of the Project, which is partially funded by a grant from the Florida Department of Transportation; and

WHEREAS, the attached Interlocal Agreement ("Agreement") provides that the County agrees to maintain the Project, and will provide the City access for the completion of the scope of work subject to the conditions of the Agreement; and

WHEREAS, said Agreement results in no fiscal impact to the City;

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

Section 1. The recitals and findings contained in the Preamble to this Resolution are adopted by reference and incorporated as fully set forth in this Section.

Section 2. The City Manager is authorized (1) to execute an Agreement with the County, in substantially the attached form, for the Project, granting and conveying to the City a non-exclusive permit to enter and remain on the County's property for the purpose of performing the scope of work, and providing that the County maintain the Project.

Section 3. This Resolution shall become effective immediately upon its adoption and signature of

the Mayor. {2}

Date:	FEBRUARY 13, 2014
Mover:	VICE CHAIR HARDEMON
Seconder:	COMMISSIONER CAROLLO
Vote:	AYES: 4 - COMMISSIONER(S) GORT, SARNOFF, CAROLLO AND HARDEMON ABSENT: 1 - COMMISSIONER(S) SUAREZ
Action:	ADOPTED

Date:	FEBRUARY 19, 2014
Action:	SIGNED BY THE MAYOR

I, Todd B. Hannon, City Clerk of the City of Miami, Florida, and keeper of the records thereof, do hereby certify that this constitutes a true and correct copy of Resolution No. R-14-0045, with attachments, passed by the City Commission on 2/13/2014.

City Clerk, Deputy Clerk (for Todd B. Hannon, City Clerk)

February 27, 2014

Date Certified

{1} The herein authorization is further subject to compliance with all requirements that may be imposed by the City Attorney, including but not limited to those prescribed by applicable City Charter and Code provisions.

{2} If the Mayor does not sign this Resolution, it shall become effective at the end of ten calendar days from the date it was passed and adopted. If the Mayor vetoes this Resolution, it shall become effective immediately upon override of the veto by the City Commission.

City of Miami

Master Report

City Hall
3500 Pan American Drive
Miami, FL 33133
www.miamigov.com

Enactment Number: R-14-0045

File Number: 14-00004 **File Type:** Resolution **Status:** Passed

Version: 1 **Reference:** **Controlling Body:** Office of the City Clerk

File Name: Interlocal Agmt w/MDC - Overtown Greenway **Introduced:** 1/6/2014

Requester: Department of Capital Improvements Program **Cost:** **Final Action:** 2/13/2014

Title: A RESOLUTION OF THE MIAMI CITY COMMISSION, WITH ATTACHMENT(S), AUTHORIZING THE CITY MANAGER TO EXECUTE AN INTERLOCAL AGREEMENT WITH MIAMI-DADE COUNTY TRANSIT ("COUNTY"), IN SUBSTANTIALLY THE ATTACHED FORM, FOR THE OVERTOWN GREENWAY AT NW 11TH TERRACE PROJECT, B-30624 ("PROJECT"); FURTHER GRANTING AND CONVEYING THE CITY OF MIAMI A NON-EXCLUSIVE PERMIT TO ENTER AND REMAIN ON THE COUNTY'S PROPERTY FOR THE PURPOSE OF PERFORMING THE SCOPE OF WORK, AND PROVIDING THAT THE COUNTY MAINTAIN THE PROJECT.

Sponsors:

Notes:

Indexes:

Attachments: 14-00004 - Summary Form.pdf,14-00004 - Back-up from Law Dept,.pdf,14-00004 - Legislation.pdf,14-00004 - Exhibit.pdf,

History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Office of the City Attorney	2/10/2014	Reviewed and Approved				
1	City Commission	2/13/2014	ADOPTED				Pass
1	Office of the Mayor	2/19/2014	Signed by the Mayor	Office of the City Clerk			
1	Office of the City Clerk	2/20/2014	Signed and Attested by City Clerk				

Memorandum

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Charles Scurr, Executive Director

Date: June 19, 2014

Re: **CITT AGENDA ITEM 5K:**
RESOLUTION BY THE CITIZENS' INDEPENDENT TRANSPORTATION TRUST (CITT) RECOMMENDING THAT THE BOARD OF COUNTY COMMISSIONERS (BCC), AUTHORIZE MIAMI-DADE COUNTY TO ENTER INTO AN INTERLOCAL AGREEMENT WITH THE CITY OF MIAMI FOR THE CONSTRUCTION OF THE OVERTOWN GREENWAY AT NW 11TH TERRACE PROJECT, B-30624; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO TAKE ALL ACTIONS NECESSARY TO ACCOMPLISH THE EXECUTION OF SAME **(MDT – Legislative File No.141217)**

On June 19, 2014, the CITT voted (9-0) to forward a favorable recommendation to the Board of County Commissioners (BCC) for the approval of the above referenced item, CITT Resolution No. 14-049. The vote was as follows:

Paul J. Schwiep, Esq., Chairperson – Aye
Hon. Anna E. Ward, Ph.D., 1st Vice Chairperson – Aye
Glenn J. Downing, CFP®, 2nd Vice Chairperson – Aye

Joseph Curbelo – Aye
Alfred J. Holzman – Absent
Jonathan Martinez – Aye
Miles E. Moss, P.E. – Aye
Marilyn Smith – Absent

Peter L. Forrest – Aye
Prakash Kumar – Aye
Alicia Menardy, Esq. – Absent
Hon. James A. Reeder – Aye
Hon. Linda Zilber – Absent

cc: Alina Hudak, Deputy Mayor/Interim Director Public Works & Waste Management Department
Bruce Libhaber, Assistant County Attorney