

Structure No.: 85U10 85U11
Section 10, Township 51 S, Range 41 E:
Easement No.: S01500120

RIGHT-OF-WAY CONSENT AGREEMENT
(Governmental Entity)

This Right-of-Way Consent Agreement ("Agreement") is dated this ____ day of _____, 2015 by and between Florida Power & Light Company, a Florida corporation, whose mailing address is P.O. Box 14000, Juno Beach, Florida 33408-0420, Attn: Corporate Real Estate Department ("Company"), and Broward County, a political subdivision of the State of Florida, whose address is Governmental Center, 115 South Andrews Avenue, Ft. Lauderdale, Florida 33301-1801 ("Licensee").

In consideration for Company's consent and for the other mutual covenants set forth below, and for Ten Dollars and No Cents (\$10.00) and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereto agree as follows:

1. Company hereby consents to Licensee using a certain area ("Lands") within Company's right-of-way granted by that certain agreement recorded in Official Records Book 237, at Page 344, Public Records of Broward County, Florida. The Lands are more particularly described on Exhibit "A" attached hereto. The use of the Lands by Licensee shall be solely for the purpose of installation and maintenance of traffic signals as shown on the plans and specifications submitted by Licensee, attached hereto as Exhibit "B".

2. Licensee agrees to obtain all necessary rights from the owners of the Lands in the event Licensee does not own said Lands; to obtain any and all applicable federal, state, and local permits required in connection with Licensee's use of the Lands; and at all times, to comply with all requirements of all federal, state, and local laws, ordinances, rules and regulations applicable or pertaining to the use of the Lands by Licensee pursuant to this Agreement.

3. Licensee understands and agrees that the use of the Lands pursuant to this Agreement is subordinate to the rights and interest of Company in and to the Lands and agrees to notify its employees, agents, and contractors accordingly. Company specifically reserves the right to maintain its facilities located on the Lands; to make improvements; add additional facilities; maintain, construct or alter roads; maintain any facilities, devices, or improvements on the Lands which aid in or are necessary to Company's business or operations; and the right to enter upon the Lands at all times for such purposes. Licensee understands that in the exercise of such rights and interest, Company from time-to-time may require Licensee, to relocate, alter, or remove Licensee's facilities and equipment, including parking spaces and areas, and other improvements made by Licensee pursuant to this Agreement which interfere with or prevent Company, in Company's reasonable opinion, from properly and safely constructing, improving, and maintaining its facilities. Licensee agrees to commence efforts to relocate, alter, or remove said facilities, equipment, parking spaces and areas, and other improvements within thirty (30) days of receiving notice from Company to do so, and to complete such relocation, alteration, or removal of said facilities, equipment, parking spaces and areas, and other improvements within ninety (90) days of receiving notice from Company to do so. Such relocation, alteration, or removal will be made at the sole cost and expense of Licensee and at no cost and expense to Company; provided however, should Licensee, for any reason, fail to make such relocation, alteration, or removal, Company retains the right to enter upon the Lands and make said relocation, alteration, or removal of Licensee's facilities, equipment, parking spaces and areas, and other improvements and Licensee hereby agrees to reimburse Company for all of its costs and expense incurred in connection therewith upon demand.

4. Licensee agrees that it will not use the Lands in any manner which, in the opinion of Company, may tend to interfere with Company's use of the Lands or may tend to cause a hazardous condition to exist. Licensee agrees that no hazardous substance, as the term is defined in Section 101 (14) of the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA") (42 USC Section 9601 [14]), petroleum products, liquids or flammables shall be placed on, under, transported across or stored on the Lands, which restricts, impairs, interferes with, or hinders the use of the Lands by Company or the exercise by Company of any of its rights thereto. Licensee agrees further that in the event it should create a hazardous condition, then upon notification by Company, Licensee shall, within seventy-two (72) hours, at its sole cost and expense, correct such condition or situation; provided however that the Company retains the right to enter upon the Lands and correct any such condition or situation at any time.

5. Licensee hereby agrees and covenants to prohibit its agents, employees, and contractors from using any tools, equipment, or machinery on the Lands capable of extending greater than fourteen (14) feet above existing grade and further agrees that no dynamite or other explosives shall be used within the Lands and that no alteration of the existing terrain, including the use of the Lands by Licensee as provided herein, shall be made which will result in preventing Company access to its facilities located within said Lands.

6. Licensee understands and agrees that the planting of trees, shrubs, and other foliage capable of exceeding fourteen (14) feet in height at full maturity is not permitted within Company's Lands.

7. Outdoor lighting installed or to be installed upon the Lands by Licensee are not to exceed a height of fourteen (14) feet above existing grade and all poles or standards supporting light fixtures are to be of a non-metallic material. Notwithstanding the foregoing Company agrees that Licensee may install the traffic signals as shown on the plans and specifications submitted by Licensee, attached hereto as Exhibit "B".

8. Sprinkler systems installed or to be installed by Licensee upon the Lands are to be constructed of a non-metallic material and sprinkler heads are to be set so the spray height does not exceed fourteen (14) feet above existing grade and does not make contact with any Company's facilities. Aboveground systems shall not be installed within or across Company patrol or finger roads and underground systems crossing said patrol and finger roads are to be buried at a minimum depth of one (1) foot below existing road grade.

9. Licensee agrees to warn its employees, agents, contractors and invitees of the fact that the electrical facilities and appurtenances installed or to be installed by Company within the Lands are of high voltage electricity and agrees to use all safety and precautionary measures when working under or near Company's facilities. Licensee hereby acknowledges the receipt and required execution of Form 360 "Exhibit C" prior to the commencement of construction within the Lands.

10. Licensee agrees, at all times, to maintain and keep the Lands clean and free of debris. Except as provided herein, Licensee further understands and agrees that certain uses of the Lands are specifically prohibited; such uses include but are not limited to recreational purposes, hunting and camping, and Licensee agrees to notify its employees, agents, contractors, and invitees accordingly.

11. The use of the Lands by Licensee shall be at the sole risk and expense of Licensee, and Company is specifically relieved of any responsibility for damage or loss to Licensee or other persons resulting from Company's use of the Lands for its purposes.

12. Notwithstanding any provision contained herein, Licensee agrees to reimburse Company for all cost and expense for any damage to Company's facilities resulting from Licensee's use of the Lands and

agrees that if it becomes necessary as a result of Licensee's use of the Lands for Company to relocate, rearrange or change any of its facilities, to promptly reimburse Company for all cost and expense involved with such relocation, rearrangement or change.

13. Licensee agrees it will exercise its privileges hereunder at its own sole risk and agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to indemnify and save harmless Company, its parent, subsidiaries, affiliates, and their respective officers, directors, agents and employees (hereinafter referred to as the "FPL Entities"), from all liability, loss, cost, and expense, attorneys' fees, which may be sustained by FPL Entities to any person, natural or artificial, by reason of the death of or injury to any person or damage to any property, arising out of or in connection with the herein described purposes by Licensee, its contractors, agents, or employees; and Licensee agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to defend at its sole cost and expense and at no cost and expense to FPL Entities any and all suits or action instituted against FPL Entities, for the imposition of such liability, loss, cost and expense. Company shall be liable for death of or injury to any person or damage to property resulting from the intentional acts or gross negligence of FPL Entities.

14. Licensee shall cause each of Licensee's contractors and subcontractors performing work in connection with the project during the period of this Agreement, to procure and maintain at Licensee's and such contractors' and subcontractors' sole expense, the following minimum insurance, with insurers with a rated "A-, VII" or higher by A.M. Best's Key Rating Guide that are licensed to do business in the State of Florida, or as may be approved in writing by Company's Risk Management Department from time to time:

- i. Workers' Compensation Insurance for statutory obligations imposed by applicable Florida law, including, where applicable, the United States Longshoremen's and Harbor Workers' Act, the Maritime Coverage and the Jones Act;
- ii. Employers' Liability Insurance, including Occupational Disease, shall be provided with a limit of One Million Dollars (\$1,000,000) for bodily injury by accident, with a limit of One Million Dollars (\$1,000,000) for bodily injury by disease/policy and with a limit of One Million Dollars (\$1,000,000) for bodily injury by disease/employee;
- iii. Automobile Liability Insurance which shall apply to all owned, non-owned, leased and hired automobiles in an amount with minimum limits of not less than One Million Dollars (\$1,000,000) combined single limit per occurrence for bodily injury and property damage per accident; and
- iv. General Liability Insurance, written on Insurances Services Office form GC 00 01 1204 (or equivalent) covering liability arising out of premises, operations, bodily injury, property damage, products completed and liability insured under and insured contract (sometimes referred to broad form contractual liability), with minimum limits of One Million Dollars (\$1,000,000) combined single limit per occurrence, which shall insure the indemnity obligations assumed by Licensee under this Agreement.

Except for the Workers' Compensation Insurance, the FPL Entities shall be designated as an additional insured on Licensee and/or Licensee's contractors insurance policies required to be maintained under this Agreement. All policies of insurance required to be maintained by Licensee and Licensee's contractors and subcontractors hereunder shall provide and each of Licensee, and Licensee's contractors and subcontractors, shall cause the insurers of their respective insurance to include, either in its printed text or

by endorsement: (i) a severability of interests clause; (ii) an endorsement that Licensee's and Licensee's contractors' and subcontractors' insurance policies are to be primary and non-contributory to any insurance that may be maintained by or on behalf of FPL Entities; and (iii) a waiver of subrogation against FPL Entities.

In the event that any policy furnished by Licensee and/or Licensee's contractors and subcontractors provides for coverage on a "claims made" basis, the retroactive date of the policy shall be the same as the effective date of this Agreement, or such other date, as to protect the interest of FPL Entities. Furthermore, for all policies furnished on a "claims made" basis, Licensee's and Licensee's contractors' and subcontractors' providing of such coverage shall survive the termination of this Agreement, until the expiration of the maximum statutory period of limitations in the State of Florida for actions based in contract or in tort. If coverage is on "occurrence" basis, Licensee and Licensee's contractors and subcontractors shall maintain such insurance during the entire term of this Agreement.

Licensee and Licensee's contractors and subcontractors shall promptly provide evidence of the minimum insurance coverage required under this Agreement in the form of an ACORD certificate or other certificate of insurance acceptable to Company. Upon Company's request, Licensee and Licensee's contractors and subcontractors shall provide Company with complete copies of all required insurance policies under this Agreement. If any of the required insurance is cancelled or non-renewed, Licensee and Licensee's contractors and subcontractors shall file a new Certificate of Insurance or binder with Company demonstrating to Company's satisfaction that the required insurance coverages to be maintained hereunder have been extended or replaced. Neither Licensee's nor Licensee's contractors and subcontractors failure to provide evidence of minimum coverage of insurance following Company's request, nor Company's decision to not make such request, shall release Licensee and Licensee's contractors and subcontractors from their respective obligations to maintain the minimum coverage provided for in this Section.

Licensee shall be responsible for managing and administering all insurance policies required hereunder, including the payment of all deductibles and self-insured retention amounts, the filing of all claims and the taking of all necessary and proper steps to collect any proceeds on behalf of the relevant insured person or entity. Licensee shall at all times keep Company informed of the filing and progress of any claim. If Licensee shall fail to perform these responsibilities, Company may take such action as it determines appropriate under the circumstances. In the event Licensee collects proceeds on behalf of other persons or entities, it shall ensure that these are paid directly from the insurers to the relevant person or entity and, in the event that it receives any such proceeds, it shall, unless otherwise directed by Company, pay such proceed to such party forthwith and prior thereto, hold the same in trust for the recipient.

Nothing in this Section shall be deemed to limit Licensee's liability under this Agreement regardless of the insurance coverages required hereunder. No limitation of liability provided to Licensee under this Agreement is intended nor shall run to the benefit of any insurance company or in any way prejudice, alter, diminish, abridge or reduce, in any respect, the amount of proceeds of insurance otherwise payable to FPL Entities under coverage required to be carried by Licensee under this Agreement, it being the intent of the parties that the full amount of insurance coverage bargained for be actually available notwithstanding any limitation of liability contained in the Agreement, if any. Company assumes no responsibility for the solvency of any insurer or the failure of any insurer to settle any claim. Licensee is a self-insured governmental entity subject to the limitations set forth in Section 768.28, Florida Statutes, as may be amended from time to time. Licensee has instituted and shall maintain a fiscally sound and prudent risk management program with regard to its obligations under this Agreement in accordance with the provisions of Section 768.28 Florida Statutes. Nothing herein is intended to serve as a waiver of sovereign immunity. Licensee shall name Company as an additional insured on any excess liability coverage. Licenses shall provide written verification of liability protection in accordance with state law

prior to the final execution of this Agreement. Licensee's contractors and sub-contractors may not self-insure. This Section shall survive the expiration of this Agreement.

15. This Agreement will become effective upon execution by Company and Licensee and will remain in full force and effect until completion of Licensee's use of the Lands pursuant to this Agreement; provided, however, in the event Licensee fails to comply with or to abide by any or all of the provisions contained herein, Company shall have the right to terminate this Agreement upon delivering one ninety (90) days prior written notice to Licensee.

16. The use granted herein as shown on Exhibit "B" shall be under construction by Licensee within three (3) years of the effective date of this Agreement and the construction shall be diligently pursued to completion. Licensee shall give Company ten (10) days prior written notice of its commencement of construction. "Under construction" is the continuous physical activity of placing the foundation or continuation of construction above the foundation of any structure or improvement permitted hereunder. Under construction does not include application for or obtaining a building permit, a site plan approval or zoning approval from the appropriate local government agency having jurisdiction over the activity, purchasing construction materials, placing such construction materials on the site, clearing or grading the site (if permitted) in anticipation of construction, site surveying, landscaping work or reactivating construction after substantially all construction activity has remained stopped for a period of two (2) months or more. Licensee acknowledges that failure to have the use under construction within the three (3) year time period will result in immediate termination of this Agreement in accordance with Paragraph 14 herein for failing to comply with the provisions contained herein unless Licensor grants a written extension for a mutually agreed upon time. Any request for an extension of time shall be submitted in writing by Licensee no later than thirty (30) days prior to the expiration of the three (3) year period for the project to be under construction.

17. The term "Licensee" shall be construed as embracing such number and gender as the character of the party or parties require(s) and the obligations contained herein shall be absolute and primary and shall be complete and binding as to each, including its successors and assigns, upon this Agreement being executed by Licensee and subject to no conditions precedent or otherwise.

18. Should any provision of this Agreement be determined by a court of competent jurisdiction to be illegal or in conflict with any applicable law, the validity of the remaining provisions shall not be impaired. In the event of any litigation arising out of enforcement of this Consent Agreement, the prevailing party in such litigation shall be entitled to recovery of all costs, including reasonable attorneys' fees.


19. Licensee may assign its rights and obligations under this Agreement to a solvent party upon prior written consent of the company, which consent shall not be unreasonably withheld.

20. Licensee agrees that any review or approval by Company of the plans and/or specifications submitted by Licensee attached hereto as Exhibit "B", the approval of the identity of any contractors, subcontractors and materialmen, or the delivery by Company of any construction specifications to Licensee, is solely for the purpose of processing this Agreement, and without any representation or warranty whatsoever to Licensee with respect to the adequacy, correctness or efficiency thereof or otherwise and it is understood that such Company's approval does not absolve Licensee of any liability hereunder. Further, Licensee, in connection with the construction, maintenance and/or removal of improvements depicted on Exhibit "B" to the Agreement, agrees to observe and fully comply with all construction, operation and maintenance standards, as well as all applicable laws, rules and regulations of the United States, the State of Florida, and all agencies and political subdivisions thereof, including without limitation, the National Electric Safety Code and the Occupational Safety & Health Administration regulations, standards, rules, registers, directives or interpretations.


21. This Agreement includes and is subject to the provisions described on the attached Addendum.

The parties have executed this Agreement this effective on the date set forth in the preamble.

Witnesses:



Signature: _____
Print Name: Monica Jones



Signature: _____
Print Name: MARI OACIA MORGAN

Witnesses:

Signature: _____
Print Name: _____

Signature: _____
Print Name: _____

Insurance requirements
approved by Broward County
Risk Management Division

By  2/4/15

Signature _____ (Date)

Jacqueline A. Binns

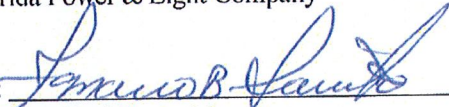
Print Name and Title above

Contracts Manager

CRC/tr
01/21/15
Right of Way Consent Agreement
14-089.63

Company:

Florida Power & Light Company

By: 

Its: Area Real Estate Manager
Print Name: Ignacio B. Sarmiento

Licensee:

Broward County

BROWARD COUNTY, by and through its
Board of County Commissioners

By _____ Mayor
____ day of _____, 2015

Approved as to form by
Joni Armstrong Coffey
Broward County Attorney
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, FL 33301
Telephone: (954) 357-7600
Telecopier: (954) 357-7641

By _____
Carlos A. Rodriguez-Cabarrocas (Date)
Assistant County Attorney

By _____
James D. Rowlee (Date)
Senior Assistant County Attorney

Structure No.: 85U10 85U11
Section 10, Township 51 S, Range 41 E:
Easement No.: S01500120

**ADDENDUM TO RIGHT-OF-WAY CONSENT AGREEMENT
(Governmental Entity)**

This Addendum to Right-of-Way Consent Agreement (Governmental Entity) (“**Addendum**”) is attached to and made a part of the Right-of-Way Consent Agreement (Governmental Entity) (“**Agreement**”) between Florida Power & Light Company, a Florida corporation (“**Company**”), and Broward County, a political subdivision of the State of Florida (“**Licensee**”), for that certain property located in Broward County, Florida, which is more particularly described in the Agreement. All initial capitalized terms used in this Addendum shall have the same meaning as set forth in the Agreement unless otherwise provided. If any of the terms or provisions of this Addendum conflict with any of the terms or provisions of the Agreement, the terms and provisions of this Addendum shall govern. The Agreement as modified by this Addendum shall constitute the “**Contract**.”

Licensee understands and agrees that, in addition to obtaining Company’s prior written approval before performing any work on, over, under, or across the Lands (“**Work**”) in accordance with the terms and conditions set forth in the Agreement, prior to performing any such Work, including without limitation, the construction, maintenance and/or removal of any structures or improvements depicted on Exhibit “B” to the Agreement, Licensee must first notify Company and obtain Company’s prior written approval for clearance of Company’s facilities. Additionally, Licensee further understands and agrees that in order to provide such clearance, Company, in Company’s sole and absolute discretion, may require that its transmission lines be de-energized prior to Licensee performing any Work, and Licensee, at Licensee’s sole cost and expense, agrees to pay Company in advance for all costs associated with the de-energizing of transmission lines to allow for Licensee to perform such Work in accordance with Company’s standard procedures.

The minimum clearance required to the power line(s) for construction operations and maintenance activities for energized lines for the pedestal supported and mast arm supported traffic signals shall meet OSHA clearance requirements for the appropriate power line voltage, as listed on Exhibit “C,” attached.

The minimum permanent installation clearance required for the aluminum pedestal supported traffic signals structures shall meet the National Electrical Safety Code (NESC) distance of 8’-6” to the power line(s) at maximum design sag condition as defined by Company and the height of these structures shall not exceed 14 feet above existing grade.

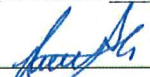
The minimum permanent installation clearance required for the steel mast arm supported traffic signals structures shall meet the National Electrical Safety Code (NESC) distance of 8’-6” to the power line(s) at maximum design sag condition as defined by Company and shall not exceed 20 feet above existing grade.

In witness whereof the parties hereto have caused this Addendum to be executed.

Witnesses:



Signature: _____
Print Name: Monica Gomez



Signature: _____
Print Name: MARIADALIA MORGAN

Witnesses:

Signature: _____
Print Name: _____

Signature: _____
Print Name: _____

Insurance requirements
approved by Broward County
Risk Management Division

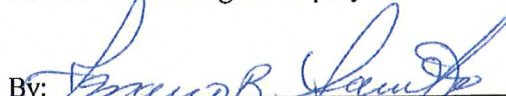
By  2/4/15
Signature: _____ (Date)

Jacqueline A. Binns

Print Name and Title above
Contracts Manager

Company:

Florida Power & Light Company



By: _____
Its: Area Real Estate Manager
Print Name: Ignacio B. Sarmiento

Licensee:

Broward County

BROWARD COUNTY, by and through its
Board of County Commissioners

By _____ Mayor
_____ day of _____, 2015

Approved as to form by
Joni Armstrong Coffey
Broward County Attorney
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, FL 33301
Telephone: (954) 357-7600
Telecopier: (954) 357-7641

By _____
Carlos A. Rodriguez-Cabarrocas (Date)
Assistant County Attorney

By _____
James D. Rowlee (Date)
Senior Assistant County Attorney

EXHIBIT "A"

A portion of that certain Florida Power & Light Company Easement recorded in Official Records Book 237, Page 344 of the Public Records of Broward County, Florida, lying within Parcel "A" and a portion of Sheridan Street as shown on the plat of "WALNUT CREEK", according to the Plat thereof as recorded in Plat Book 167, Page 40, of the Public Records of Broward County, Florida.

BROWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
HIGHWAY CONSTRUCTION AND
ENGINEERING DIVISION
CONTRACT PLANS

BROWARD COUNTY PROJECT NO. 5398
INTERSECTION IMPROVEMENTS
SHERIDAN STREET AT NW 76TH AVENUE

INDEX OF ROADWAY PLANS

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T-100	SIGNAL AND PAVERS MARKING PLAN

GOVERNING STANDARDS AND SPECIFICATIONS:
The design and construction of the project shall conform to the Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.
For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/design/>
For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specifications/rficc/>

REVISIONS:
SHEETS T-1, T-2, T-4, T-5, T-6, T-7, T-8, T-11, T-12 & T-15 (REVISED 01/24/15)

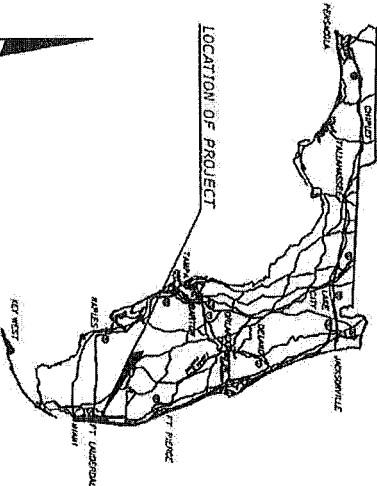
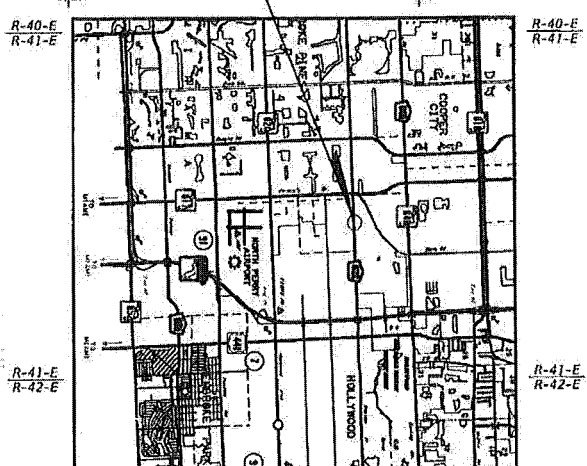


EXHIBIT B

DATE	KEY SHEET REVISIONS
07/11/15	ADDED SHEET T-15

PLANS PREPARED BY:
ATKINS NORTH AMERICA, INC.
3230 WEST COMMERCIAL BLVD, SUITE 100
FORT LAUDERDALE, FLORIDA 33309
FBR# CERTIFICATE OF AUTHORIZATION NO. 24

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:
PAUL J. MANNIX, P.E.
ATKINS NORTH AMERICA, INC.
3230 WEST COMMERCIAL BLVD, SUITE 100
FORT LAUDERDALE, FLORIDA 33309

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

SIGNALIZATION ENGINEER OF RECORD: PAUL J. MANNIX, P.E.
P.E. NO.: 57712

ROADWAY AND SIGNING & PAVERS MARKING ENGINEER OF RECORD: PAUL L. ANDULAR, P.E.
P.E. NO.: 65989

BROWARD COUNTY PROJECT MANAGER: JOHN KLEINDELER, P.E. PROE

SHEET NO. T-1

TABLATION OF QUANTITIES

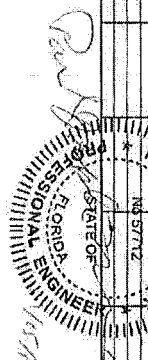
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER		T-2		T-8		GRAND TOTAL
			ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	
502-1	MORTAR	LS	1						
502-2	PAINTWORK OF TRAFFIC	LS	1						
502-3	WIRE PROTECTION SYSTEM	EA	1						
502-4	ASPHALT SURFACE PAINT	EA	1						
502-5	REPAIR OF EXISTING CONCRETE FINISH	SV	1						
502-6	REGULAR EXCAVATION	CV	1						
502-7	TYPE B STABILIZATION	SV	10						
502-8	PORTLAND CEMENT BASE GROUP CB	SV	10						
502-9	PAVING EXISTING ASPHALT ROAD SURFACE	SV	10						
502-10	ASPHALT SURFACE PAINT	EA	10						
502-11	CONCRETE CURB & GUTTER, TYPE F	LN	190.5						
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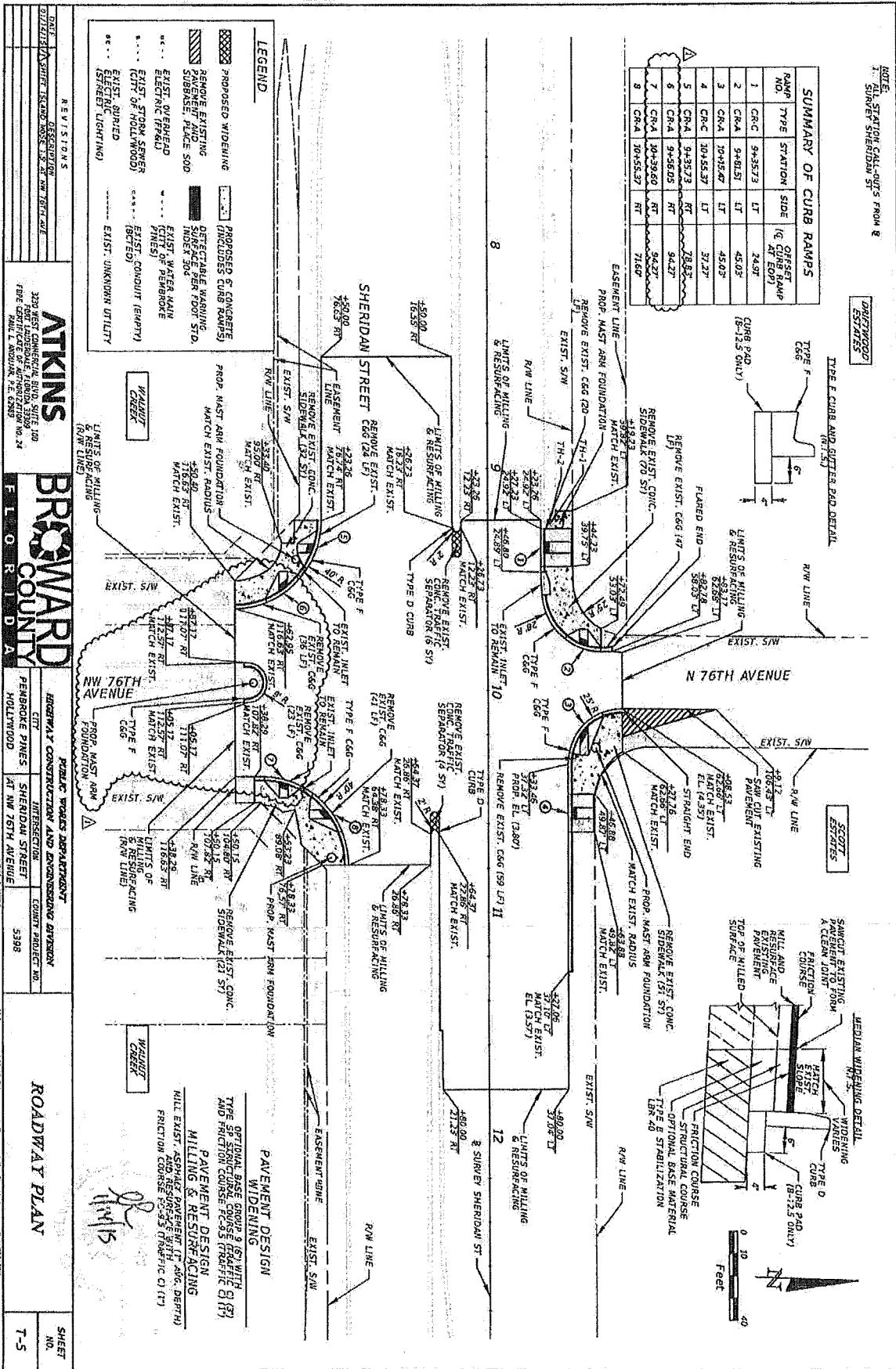
ATKINS
322 WEST GUNN RD. SUITE 100
FLORENCE, SC 29502
PH: 803.781.1111 FAX: 803.781.1112

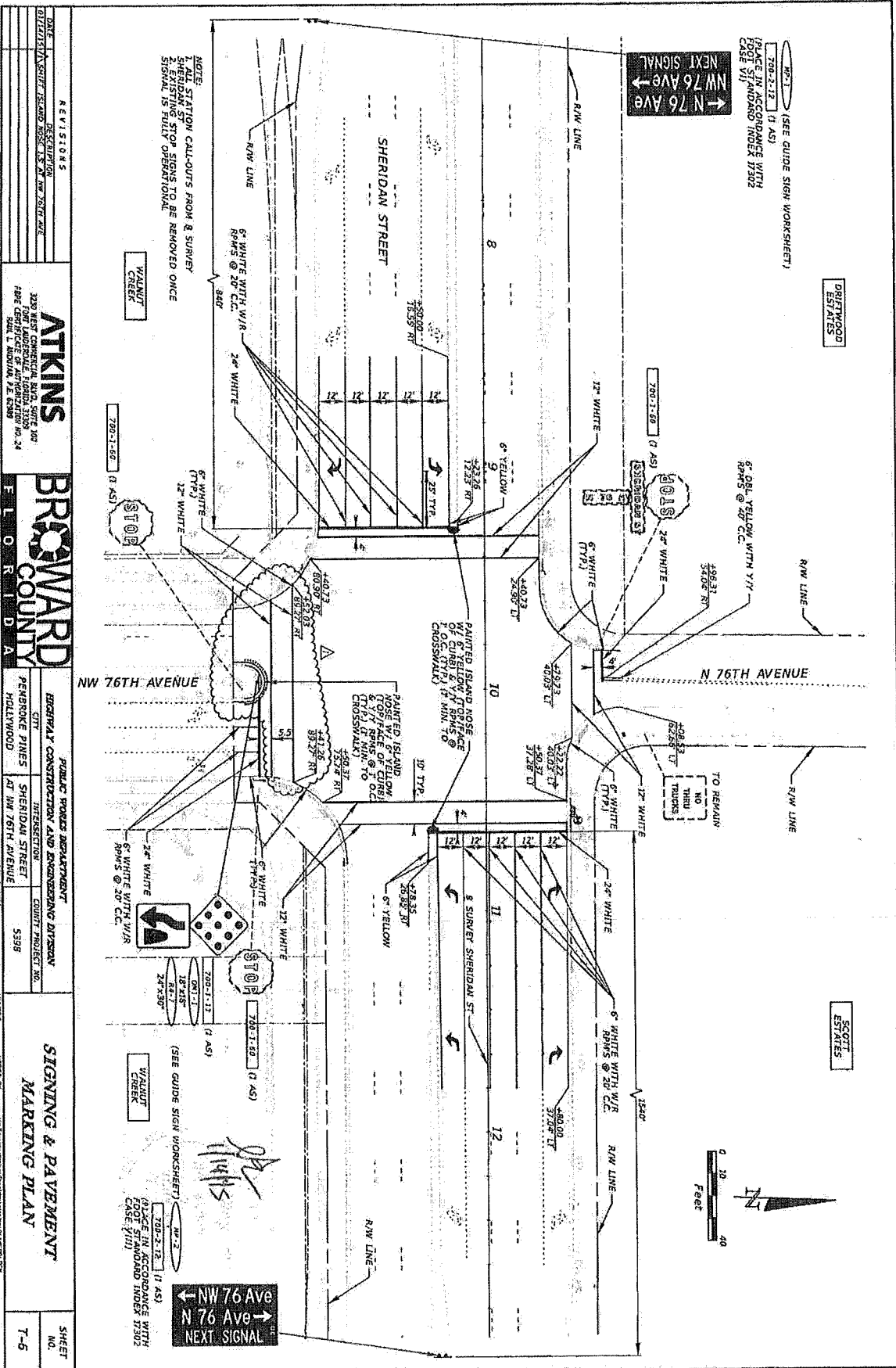
BROWARD COUNTY
PUBLIC WORKS DEPARTMENT
HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION
PERMISSIVE PILES
SHERIDAN STREET
COUNT PROJECT NO. 5398
HOLLYWOOD AT NW 75TH AVENUE

TABLATION OF QUANTITIES

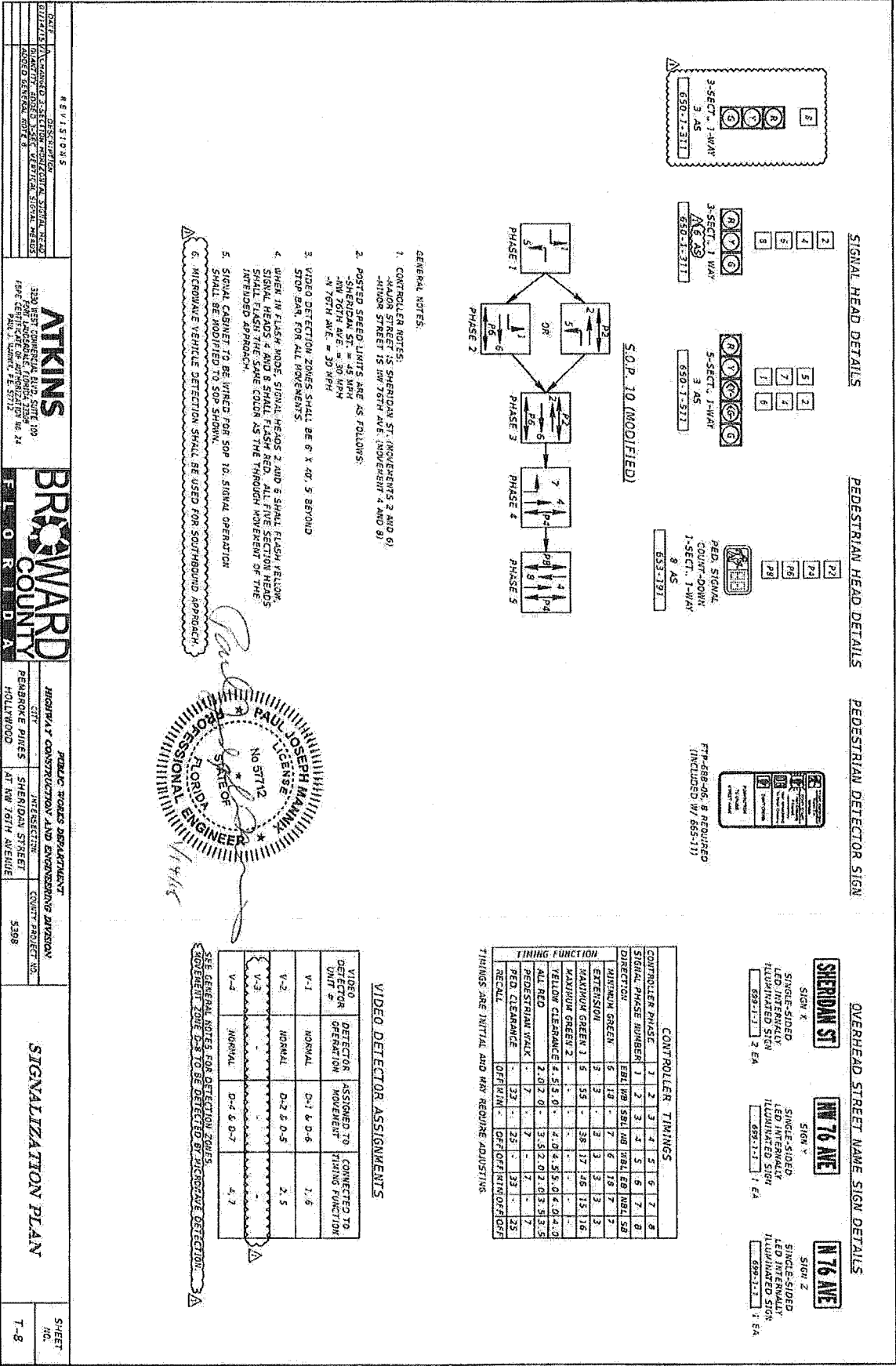
SHEET NO. T-2



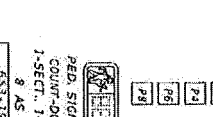
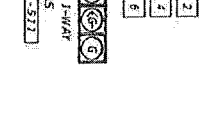
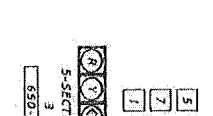
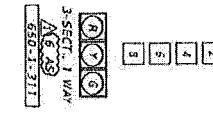
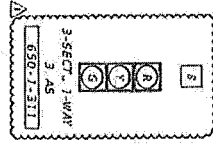




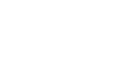
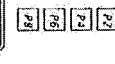
<p>ATKINS</p> <p>3220 WEST CONVENT, SUITE 200, WILMINGTON, DE 19804 PHONE: 302.436.1000 FAX: 302.436.1001 WWW.ATKINS.COM</p>		<p>BROWARD COUNTY</p> <p>PLANNING DEPARTMENT REGIONAL CONSTRUCTION AND ENGINEERING DIVISION CITY: WILMINGTON INTERSECTION: SHERIDAN STREET COUNTY PROJECT NO.: 5398</p>		<p>SIGNING & PAVEMENT MARKING PLAN</p> <p>SHEET NO.: T-6</p>																																																																																																																																																																																																																																																																																																																
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ALL STATION CALL-OUTS FROM & SURVEY SHERIDAN STREET STOP SIGNS TO BE REMOVED ONCE SIGNALS IS FULLY OPERATIONAL.</p>		<p>WALNUT CREEK</p>	
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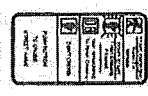
SIGNAL HEAD DETAILS



PEDESTRIAN HEAD DETAILS



PEDESTRIAN DETECTOR SIGN



FT-489-06, 8 REQUIRED (INCLUDED IN 653-11)

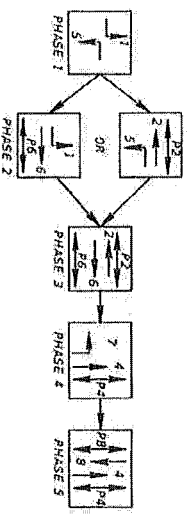
OVERHEAD STREET NAME SIGN DETAILS

SHERIDAN ST
SIGN X
SINGLE-SIDED
LED INTERMEDIATE
ILLUMINATED SIGN
653-117 2 EA

NW 76 AVE
SIGN Y
SINGLE-SIDED
LED INTERMEDIATE
ILLUMINATED SIGN
653-117 1 EA

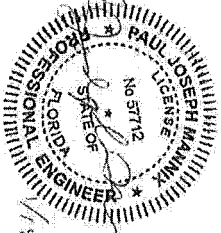
N 76 AVE
SIGN Z
SINGLE-SIDED
LED INTERMEDIATE
ILLUMINATED SIGN
653-117 1 EA

S.O.P. 10 (MODIFIED)



GENERAL NOTES:

1. CONTROLLER NOTES:
-XAVON STREET IS SHERIDAN ST. MOVEMENTS 3 AND 6)
-XAVON STREET IS NW 76TH AVE. (MOVEMENT 4 AND 5)
2. POSTED SPEED LIMITS ARE AS FOLLOWS:
-SHERIDAN ST. = 45 MPH
-NW 76TH AVE. = 30 MPH
-N 76TH AVE. = 30 MPH
3. VIDEO DETECTION ZONES SHALL BE 6' X 40' 5' BEYOND STOP BAR FOR ALL MOVEMENTS.
4. WHEN IN FLASH MODE, SIGNAL HEADS 2 AND 3 SHALL FLASH YELLOW AND HEADS 1 AND 4 SHALL FLASH RED. SIGNAL HEADS SHALL FLASH THE SAME COLOR AS THE THROUGH MOVEMENT OF THE INTENDED APPROACH.
5. SIGNAL CABINET TO BE WARED FOR SOP 10. SIGNAL OPERATOR SHALL BE MODIFIED TO SOP 10.
6. MICROWAVE VEHICLE DETECTION SHALL BE USED FOR SOUTHBOUND APPROACH.



CONTROLLER PHASE		1	2	3	4	5	6	7	8
SIGNAL PHASE NUMBER		1	2	3	4	5	6	7	8
DIRECTION		EBL	WBL	NBL	WBL	EBL	NBL	WBL	EBL
MINIMUM GREEN		6	18	7	6	18	7	7	7
EXTENSION		3	3	3	3	3	3	3	3
MAXIMUM GREEN 1		6	5.5	38	17	14.5	13	16	
MAXIMUM GREEN 2		-	-	-	-	-	-	-	-
YELLOW CLEARANCE		4.5	0	4.0	4.5	0	4.0	4.0	4.0
ALL RED		2.0	0	3.5	2.0	0	3.5	3.5	3.5
PEDESTRIAN WALK		7	7	7	7	7	7	7	7
PEDESTRIAN CLEARANCE		3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
RECALL		OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

THINGS ARE INITIAL AND MAY REQUIRE ADJUSTING.

VIDEO DETECTOR ASSIGNMENTS

VIDEO DETECTOR UNIT #	DETECTOR OPERATION	ASSIGNED TO MOVEMENT	CONNECTED TO TIMING FUNCTION
V-1	NORMAL	D-1 & D-6	1, 6
V-2	NORMAL	D-2 & D-5	2, 5
V-3	NORMAL	D-4 & D-7	4, 7
V-4	NORMAL	D-4 & D-7	4, 7

SEE GENERAL NOTES FOR DETECTION ZONES. MOVEMENT ZONE D-8 TO BE DETECTED BY MICROWAVE DETECTION.

REVISIONS

NO.	DATE	DESCRIPTION
1	01/11/2010	ISSUED FOR PERMITS
2	01/11/2010	ISSUED FOR PERMITS
3	01/11/2010	ISSUED FOR PERMITS
4	01/11/2010	ISSUED FOR PERMITS
5	01/11/2010	ISSUED FOR PERMITS
6	01/11/2010	ISSUED FOR PERMITS

ATKINS
3300 WEST COMMERCIAL BLVD, SUITE 100
DENVER, COLORADO 80202-3170
PH: 303.733.1111 FAX: 303.733.1112

BROWARD COUNTY
PUBLIC WORKS DEPARTMENT
HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION
CITY: HOLLYWOOD INTERSECTION: SHERIDAN STREET
PENAROCK PIQUES AT NW 76TH AVENUE
COUNT PROJECT NO. 5398

SIGNALIZATION PLAN

SHEET NO. T-8

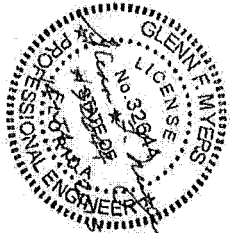
STRUCT. ID NO.	ASSEMBLY NUMBERS	ARM DIMENSIONS			POLE DIMENSIONS			DRILLED SHAFT		
		ARM TYPE*	ADJUSTED LENGTH (ft.)	TIP DIAMETER (ft.)	ADJUSTED LENGTH (ft.)	MOUNTING HEIGHT (ft.)	TIP DIAMETER (ft.)	SHAFT DIAMETER (ft.)	SHAFT LENGTH (ft.)	LONG. REINFORCING BARS - SIZE
1	BC-20	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	4.0	12.0	12 - #11
2	BC-22	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	4.0	14.0	12 - #11
4	BC-22	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	3E-18-50-22-27-9" 3E-18-50-22-27-9" 3E-18-50-22-27-9"	-	-	4.0	14.0	12 - #11

* Assembly Legend
 Arm Type = Thick (ft) - Base Diam (ft) x Tip Diam (ft) x Length (ft)
 Pole Type = Thick (ft) - Base Diam (ft) x Tip Diam (ft) x Length (ft)

NOTES:

- Design Specifications
- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, Fifth Edition (2009) with 2010 Interims (IUS-5)
- Florida Department of Transportation Structures Manual, Volume 9 - FDOT Modifications to Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals (January 2009).
- Broward County has waived the fatigue design requirements of the AASHTO Standard Specifications for Structural Supports of Highway Signs, Luminaires and Traffic Signals (IUS-5), Chapter 10, fatigue checks have been performed on the master arm assemblies.
- Structure ID numbers match those provided on the Master Arm Tabulation Sheet.
- Assembly Number matches the BROWARD COUNTY CLASS NO. shown on Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2).
- If an entry appears in a column under Arm Dimensions, a shorter arm is required. This is obtained by removing length from the arm tip. For these cases, the arm length shall be shortened and tip diameter increased as indicated in the data provided on this table. If an entry appears in a column under Pole Dimensions, a shorter pole is required. This is obtained by removing length from the pole tip. For these cases, the pole height shall be shortened and the tip diameter increased as indicated by the data provided in this table. If only a pole size is provided, then this is a coordination with the correct pole to be used. Assembly Number and Tip Diameter shall be in accordance with the correct pole being used. Report prepared by Professional Service Industries (PSI), Inc. Dated October 16, 2013.
- Classification = Sandy Soils (SP)
- Friction Angle = 30 Degrees
- Unit Weight = 90 lbs./cu. ft. (Submerged)
- Work this sheet with MAST ARMS TABULATION SHEET and Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2).
- Arms which require shortening shall be cut mechanically using a rotary blade. Torch cutting shall not be permitted. Mast arm components are galvanized and powder coated. Contact shall take necessary safety precautions when working with these types of coatings. Contact shall be in accordance with the safety precautions in the MAST ARMS TABULATION SHEET and Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2).
- Components requiring field measuring and touchup shall be treated per Section 975.
- Reinforcing Steel shall be ASTM A615, Gr. 60. Shafts shall have #5 T16 Bars placed from the top cover with six spaces at # and 12" maximum spacing for the remaining portion of the shaft.

- Contractor shall ensure that the anchor bolt pattern is cast into the drill shafts such that the pole is drilled properly. The contractor will be held responsible for errors and placement of anchor bolts regarding compensation will be provided and correction of errors may include demolishing and recasting drill shaft.
- Poles shall be installed vertically with base plates level.
- Do not install Mast Arm until Drilled Shaft has achieved 2800 psi compressive strength. Drilled Shaft Concrete shall be as specified on the Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2).
- Anchor bolts shall be as specified on the Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2). ASTM F1554 Grade 55 ksi anchor bolts shall be free of rust and corrosion. Anchor bolts that have rust or corrosion shall be sandblasted to white metal and re-galvanized prior to installation by the contractor. The cost to sandblast the bolts shall be included in the cost of pole fabrication.
- FDOT 2010 Standard Specifications 649-5 and 649-6 shall be referenced for additional instructions.
- Reinforcing steel shall be constructed according to FDOT Specifications section 455 C (455-13 to 455-24).
- The number and configuration of CSL Tubes shall comply with Standard Specification 455-16.4.
- The following gauge and compression values are used:
 Gauge 0.1793
 7E 0.2391
 3E 0.3125
 0E
- Pole base connection and arm connection details shall be in accordance with Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2) for the respective pole size and arm size.
- Joint length of arms, consisting of multiple segments shall be in accordance with Union Metal Shop Drawing #50300-8994 (Sheets 1 of 2 and 2 of 2).
- During metal fabrication, the contractor shall be aware of the hard drilling conditions may be encountered due to the presence of dimensions. Specialized drilling equipment may be required and shall be anticipated.



DATE	DESCRIPTION	REVISIONS
01/21/13	ISSUES CORRECTED PER REVISIONS	
01/21/13	ISSUES CORRECTED PER REVISIONS	

ATKINS
3230 WEST COMMERCIAL BLDG, SUITE 100
FORT LAUDERDALE, FLORIDA 33309
PHONE: 754.875.7000 FAX: 754.875.7044
GLENN F. MYERS, P.E., 3284

BROWARD COUNTY
FLORIDA

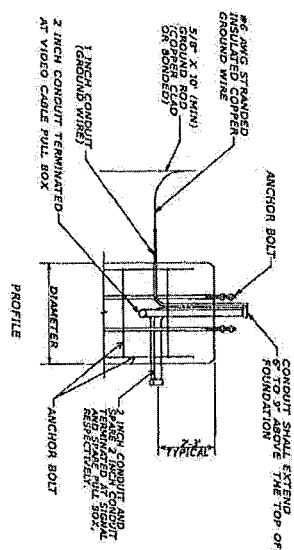
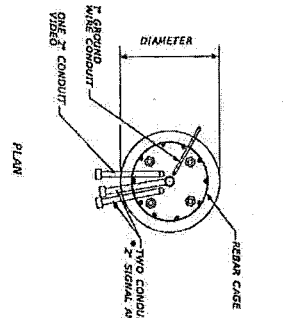
PUBLIC WORKS DEPARTMENT
HIGHWAY CONSTRUCTION AND IMPROVING DIVISION
CITY OF FORT LAUDERDALE
PENSACOLA PINES
SHERIDAN STREET
AT HW 78TH AVENUE
HOLLYWOOD
COUNT PROJECT NO. 5398

MAST ARM ASSEMBLIES

DATE: 01/21/13

SCALE: AS SHOWN

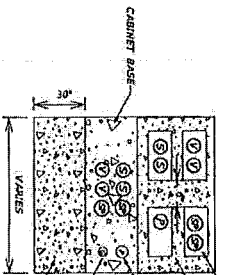
SHEET NO. T-12



FOUNDATION CONDUIT DETAIL (N.T.S.)

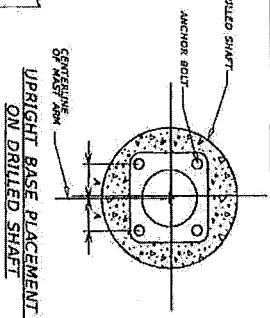
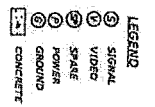
NOTE: SIGNAL CONDUIT IS REQUIRED WHEN A SIGNAL CABINET ARE BEING RUN IN THE SAME CONDUIT. THIS CONSTRUCTION IS ONLY PERMITTED WITH DATA CABINET WARE.

DIRECTION OF CONDUITS EXITING THE SIDE OF THE FOUNDATION IS SHOWN ONLY TO ILLUSTRATE DIMENSIONS CLEARER. DIRECTION/ANGLES OF CONDUITS EXITING THE SIDE OF THE FOUNDATION COULD VARY FROM WHAT IS SHOWN IN THE DETAILS IN ORDER TO AVOID ANCHOR BOLTS AND REBAR.

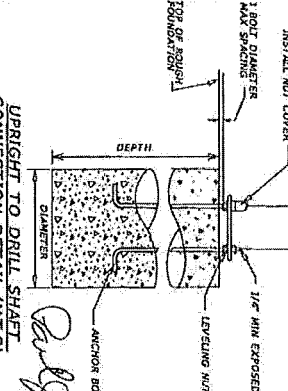
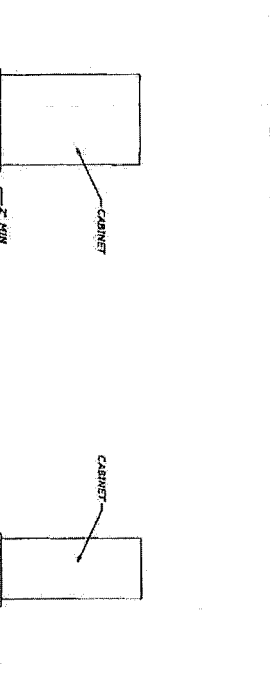


PULL BOX TO CABINET CONDUIT DETAILS (N.T.S.)

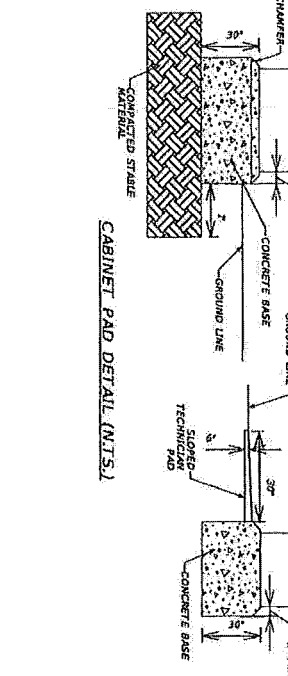
NOTE: ALL CONDUIT SHALL BE 2\"/>



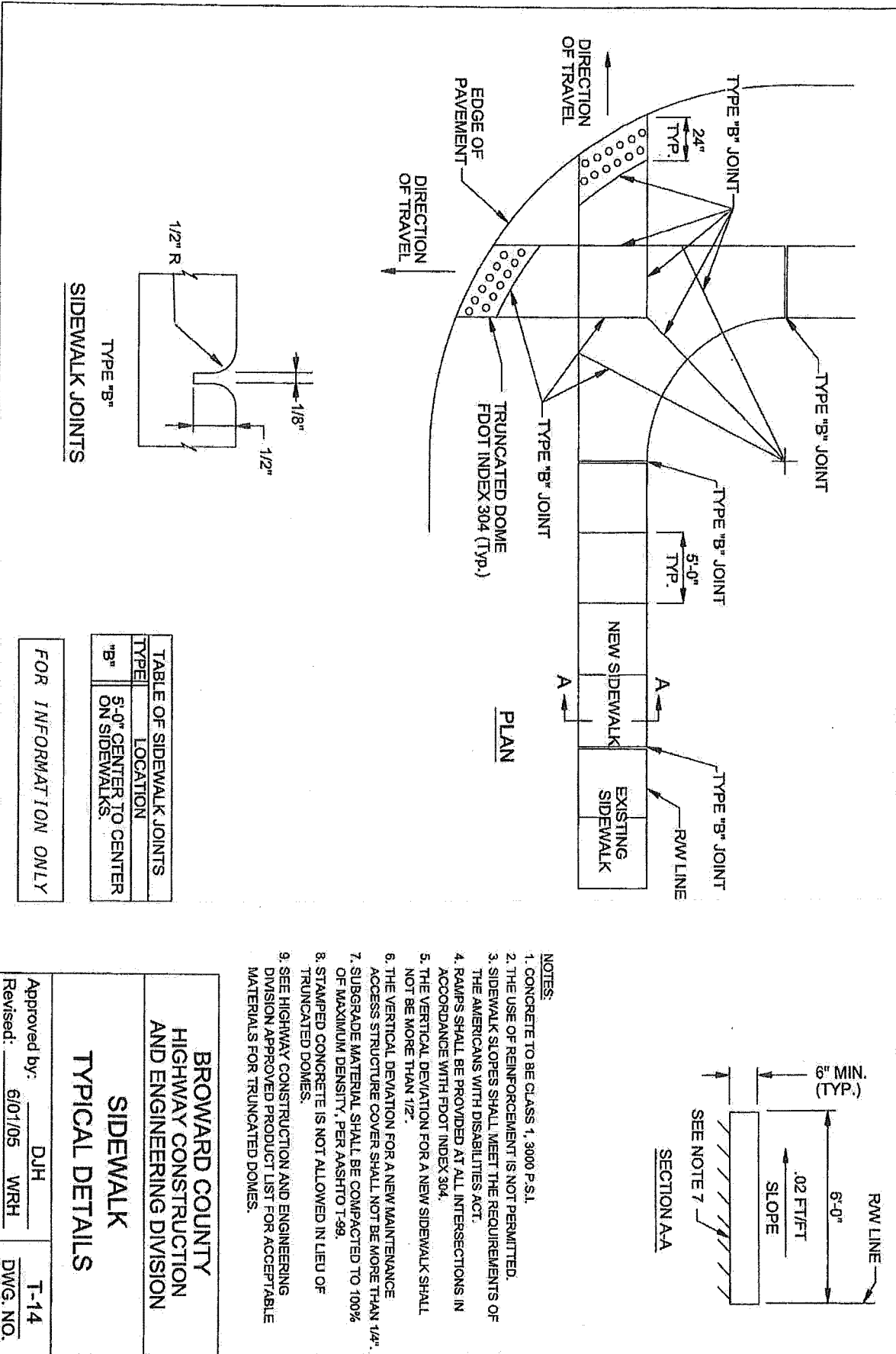
- UPRIGHT BASE PLACEMENT ON DRILLED SHAFT**
1. TOP OF CABINET BASE MUST BE AT LEAST 6\"/>
 2. FOLLOW FOOT INDEX TAGS FOR ANY ADDITIONAL DETAILS.
 3. CABINET BASE SHALL BE OF CLASS 1, 3000 PSI CONCRETE.
 4. CONDUITS SHOWN ARE THOSE TO BE INCLUDED FROM PULL BOX TO CABINET.
 5. PULL BOXES SHOULD BE AT THE REAR OR SIDE OF THE CABINET.
 6. CABINET SHALL BE 1/2\"/>
 7. CONTRACTOR SHALL CONTACT MATERIAL UNDER CABINET BASE TO 35% BELOW TO 35% ABOVE. COUNTY INSPECTOR MAY TAKE DENSITIES TO CHECK COMPLETION.
 8. CONSTRUCT CONCRETE ANCHOR PER FOOT STANDARD INDEX 3710B.



- UPRIGHT TO DRILL SHAFT CONNECTION DETAIL (N.T.S.)**
1. USE 2014 FOOT INDEX NO. 3715 AND 1/2\"/>
 2. COUNTY WILL REPORT UP TO TWO (2) FEET OF THE DRILLED SHAFT FOUNDATION TO BE ABOVE EXISTING GRADE. THE FOUNDATION BE INCREASED ACCORDING TO NET INDEX 3715 AND THE NET 3/4\"/>
 3. DRILLED SHAFT CONCRETE SHALL BE CLASS IV WITH A MINIMUM 28 COMPRESSIVE STRENGTH.
 4. REPORT ALL ANCHOR BOLTS TO AVOID ANCHOR BOLTS AND REBAR IN THE FOUNDATION.
 5. BOLT PATTERN AND ITS ORIENTATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE DRILLED SHAFT BOLT PATTERN SHALL BE TO MATCH UPRIGHT IS LEVISING NUTS MUST HAVE BOTTOM WASHERS.



<p>REVISIONS</p> <p>DATE DESCRIPTION</p>		<p>ATKINS</p> <p>3200 WEST WASHINGTON AVENUE, SUITE 100 RAVE CERTIFICATE OF AUTHORIZATION NO. 24 PHILIP J. KAMM, P.E. STATE</p>	<p>BROWARD COUNTY</p> <p>PERFORMANCE STANDARDS DIVISION HALLWOOD</p>	<p>PUBLIC WORKS DEPARTMENT CONSTRUCTION AND ENGINEERING DIVISION CIVIL ENGINEERING SHERIDAN STREET AT W. 70TH AVENUE 5398</p>	<p>DRILLED SHAFT FOUNDATION & CABINET DETAILS</p>	<p>SHEET NO. T-13</p>
<p>NO. 0712</p> <p>PAUL JOSEPH MANN PROFESSIONAL ENGINEER FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERS</p>						



FOR INFORMATION ONLY

**BROWARD COUNTY
HIGHWAY CONSTRUCTION
AND ENGINEERING DIVISION**

**SIDEWALK
TYPICAL DETAILS**

Approved by: DJH T-14
 Revised: 6/01/05 WRH DWG. NO.



EXHIBIT C
NOTIFICATION OF FPL FACILITIES

Customer/Agency Ganta Delta Corp
 Developer/Contractor Name _____
 Location of Project _____
 FPL Representative _____
 Developer/Contractor Representative _____

Date of Meeting/Contact: _____
 Project Number/Name: _____
 City: Modesto
 Phone: _____
 FPL Work Request #/Work Order #: _____

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. You must do this before allowing any construction near the power lines. It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

Power Line Voltages	Personnel and Equipment (29 CFR 1910.333 and 1926.800)	Cranes and Derricks (29 CFR 1926.1407, 1408)	Travel under or near Power Lines (on construction sites, no load) (29 CFR 1926.800 - Equipment), (1926.1411 - Cranes and Derricks)	
0 - 750 volts	10 Feet	10 Feet	4 Feet	4 Feet
761 - 60,000 volts	10 Feet	10 Feet	4 Feet	6 Feet
69,000 volts	11 Feet	15 Feet	10 Feet	10 Feet
115,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
138,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
230,000 volts	16 Feet	20 Feet	10 Feet	10 Feet
600,000 volts	26 Feet	26 Feet	16 Feet	16 Feet

*When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 60 feet for voltages greater than 350,000 volts.
 **For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.

4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 656 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soil digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

Means by which this notification was provided to customer and/or contractor _____

Address _____

FPL Representative Signature _____

Date _____

Customer/Developer/Contractor Representative Signature _____

Date _____