

**STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
LOCALLY FUNDED AGREEMENT**

THIS Locally Funded Agreement (“Agreement”), entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, by and between the State of Florida Department of Transportation hereinafter called the DEPARTMENT, and the City of Lake Worth Beach located at 7 N. Dixie Highway, Lake Worth Beach, FL 33460, hereinafter called the PARTICIPANT.

WITNESSETH

WHEREAS, the DEPARTMENT and the PARTICIPANT are desirous of having the PARTICIPANT provide additional financial assistance to the DEPARTMENT for construction (resurfacing) work along SR-A1A from South of Lake Avenue to North of Ibis Way in Palm Beach County, Florida. (Financial Management (FM) Number 447663-1-52-01, Funded in Fiscal Year 2024/2025); and

WHEREAS, as part of the DEPARTMENT’S construction work, the PARTICIPANT has requested that the DEPARTMENT perform the following additional work: Installation of decorative lighting (FM Number 447663-1-52-03) as set forth in **Exhibit A** attached hereto and made a part hereof and hereinafter referred to as the “Project”; and

WHEREAS, the PARTICIPANT has agreed to provide the DEPARTMENT with the additional funding needed for the Project; and

WHEREAS, the improvements are in the interest of both the PARTICIPANT and the DEPARTMENT and it would be more practical, expeditious, and economical for the DEPARTMENT to perform such activities; and

WHEREAS, the PARTICIPANT by Resolution No. \_\_\_\_\_ adopted on \_\_\_\_\_, 20\_\_\_\_\_, a copy of which is attached hereto and made a part hereof, authorizes the proper officials to enter into this Agreement.

NOW, THEREFORE, in consideration of the mutual benefits to be derived from joint participation on the Project, the parties agree to the following:

1. The recitals set forth above are true and correct and are deemed incorporated herein.
2. The DEPARTMENT shall be responsible for assuring that the Project complies with all applicable Federal, State and Local laws, rules, regulations, guidelines and standards.
3. The PARTICIPANT agrees to make all previous studies, maps, drawings, surveys and other data and information pertaining to the Project available to the DEPARTMENT at no extra cost.
4. The DEPARTMENT shall have the sole responsibility for resolving claims and requests for additional work for the Project. The DEPARTMENT will make reasonable efforts to obtain the PARTICIPANT’S input in its decisions.

5. The total cost for the Project and the DEPARTMENT'S resurfacing work along SR-A1A, is estimated to be THREE MILLION EIGHT HUNDRED SEVENTEEN THOUSAND TWENTY-FOUR DOLLARS AND NO CENTS (\$3,817,024.00). The PARTICIPANT'S payment for the Project is an estimated amount of EIGHTEEN THOUSAND AND TWENTY-EIGHT DOLLARS AND NO CENTS (\$18,028.00), which sum the PARTICIPANT shall remit to the DEPARTMENT pursuant to the terms of this Agreement. In the event the actual cost of the Project is less than the PARTICIPANT'S payment, the difference shall be refunded to the PARTICIPANT. In the event that the actual cost of the Project, without modifications, results in a sum greater than that paid by the PARTICIPANT, then any additional cost shall be the sole responsibility of the PARTICIPANT and shall be paid to the DEPARTMENT.

A. The PARTICIPANT agrees that it will, within thirty (30) calendar days of the execution of this Agreement, remit payment to the DEPARTMENT in the amount of EIGHTEEN THOUSAND AND TWENTY-EIGHT DOLLARS AND NO CENTS (\$18,028.00) for the Project costs.

In the event payment is not received by the DEPARTMENT within thirty (30) calendar days of execution of this Agreement, the DEPARTMENT reserves the right to terminate this Agreement, remove the Project from the DEPARTMENT'S Work Program, and not construct the decorative lighting.

Remittance shall be made payable to the Department of Financial Services. Payment shall be clearly marked to indicate that it is to be applied to FM No. 447663-1-52-03. The DEPARTMENT shall utilize this amount towards costs of Project No. 447663-1-52-03.

The PARTICIPANT may also submit the payment for the Project via wire transfer.

Wire transfer/Payments are to be made to:

Wells Fargo Bank, N.A.  
Account # 4834783896  
ABA # 121000248  
State of Florida Department of Financial Services  
Bureau of Collateral Management  
Re: DOT – K 11-78, Financial project # 447663-1-52-03.

In order for FDOT to receive credit for the funds due to the DEPARTMENT, the reference line must contain "FDOT" and an abbreviated purpose, financial project number or LFA account number.

Once the wire transfer is complete, the PARTICIPANT will contact Jennifer Bennett at 850-414-4861. In addition to calling Ms. Bennett, the PARTICIPANT shall send an email notification to D4-LFA@dot.state.fl.us stating the day and time the wire transfer was sent.

- B. The PARTICIPANT'S share of the accepted bid for the Project (hereinafter referred to as "Accepted Bid") and the DEPARTMENT'S work plus allowances is hereinafter defined as the "Total Accepted Bid". Allowances are hereby defined as contingency, mobilization (MOB), and Maintenance of Traffic (MOT). If the PARTICIPANT'S share of the accepted bid for the Project is in excess of the advance deposit amount, the PARTICIPANT will provide an additional deposit within fourteen (14) calendar days of notification from the DEPARTMENT. The DEPARTMENT will notify the PARTICIPANT as soon as it becomes apparent the accepted bid amount is in excess of the advance deposit amount; however, failure of the DEPARTMENT to so notify the PARTICIPANT shall not relieve the PARTICIPANT from its obligation to pay for its full participation. If the PARTICIPANT cannot provide the additional deposit within fourteen (14) calendar days, a letter must be submitted to and approved by the DEPARTMENT'S Project Manager indicating when the deposit will be made and the DEPARTMENT'S written consent to the payment of the additional deposit and said date. The PARTICIPANT understands the request and approval of the additional time could delay the Project, and additional costs may be incurred due to delay of the Project. In the event of non-payment, the DEPARTMENT reserves the right to terminate this Agreement and remove the Project from the DEPARTMENT'S Work Program.
- C. If the PARTICIPANT'S payment for the accepted bid amount is less than the advance deposit amount, the DEPARTMENT will refund the amount that the advance deposit exceeds the PARTICIPANT'S payment for the accepted bid amount if such refund is requested by the PARTICIPANT in writing.
- D. Should Project modifications occur that increase the PARTICIPANT'S payment for the Project, the PARTICIPANT will be notified by the DEPARTMENT. The PARTICIPANT agrees to provide, without delay, in advance of the additional work being performed, adequate funds to ensure that cash on deposit with the DEPARTMENT is sufficient to fully fund the Project. The DEPARTMENT shall notify the PARTICIPANT as soon as it becomes apparent the actual costs will overrun the award amount; however, failure of the DEPARTMENT to so notify the PARTICIPANT shall not relieve the PARTICIPANT from its obligation to pay for its full participation. Funds due from the PARTICIPANT, for the Project, not paid within forty (40) calendar days from the date of the invoice are subject to an interest charge at a rate established pursuant to *Section 55.03, F.S.*
- E. The DEPARTMENT intends to have its final and complete accounting of all costs incurred in connection with the work performed hereunder within three hundred sixty (360) days of final payment to the Contractor. The DEPARTMENT considers the Project and the resurfacing work complete when the final payment has been made to the Contractor, not when the construction work is complete. All Project & construction cost records and accounts shall be subject to audit by a representative of the PARTICIPANT for a period of three (3) years after final close out of the Project and the resurfacing work. The PARTICIPANT will be notified of the final cost. Both parties agree that in the event the final accounting

of total Project costs pursuant to the terms of this Agreement is less than the total deposits to date, a refund of the excess will be made by the DEPARTMENT to the PARTICIPANT. If the final accounting is not performed within three hundred sixty (360) days, the PARTICIPANT is not relieved from its obligation to pay.

- F. In the event the final accounting of total Project costs indicate that the Project costs are greater than the total deposits to date, the PARTICIPANT will pay the additional amount within forty (40) calendar days from the date of the invoice from the DEPARTMENT. The PARTICIPANT agrees to pay interest at a rate as established pursuant to *Section 55.03, F.S.*, on any invoice not paid within forty (40) calendar days until the invoice is paid.
- G. The payment of funds under this Agreement will be sent directly to the Department of Financial Services, Division of Treasury for deposit as provided in the Three-Party Escrow Agreement between the PARTICIPANT, the DEPARTMENT and the State of Florida, Department of Financial Services, Division of Treasury, a copy of which is attached hereto and made a part hereof as **Exhibit B**.

- 6. Upon completion of the Project, the PARTICIPANT shall be responsible for the maintenance of the decorative lighting.

The PARTICIPANT will comply with the provisions set forth in Amendment No. 1 of the State of Florida Department of Transportation, District Four Maintenance Memorandum of Agreement (MOA), which is attached hereto and made a part hereof as **Exhibit C**. The PARTICIPANT shall agree to maintain the Project in accordance with the terms of **Exhibit C**. The terms of this paragraph shall survive the termination of this Agreement.

- 7. In the event it becomes necessary for either party to institute suit for the enforcement of the provisions of this Agreement, each party shall be responsible to pay their own attorney fees and court costs. Venue with respect to any such litigation shall be in Broward County.
- 8. This Agreement and any interest herein shall not be assigned, transferred, or otherwise encumbered by the PARTICIPANT under any circumstances without the prior written consent of the DEPARTMENT. However, this Agreement shall run to the DEPARTMENT and its successors.
- 9. Except as otherwise set forth herein, this Agreement shall continue in effect and be binding to both the PARTICIPANT and the DEPARTMENT until the Project (FM# 447663-1-52-03) is completed as evidenced by the written acceptance of the DEPARTMENT.
- 10. The PARTICIPANT warrants that it has not employed or obtained any company or person, other than bona fide employees of the PARTICIPANT, to solicit or secure this Agreement, and it has not paid or agreed to pay any company, corporation, individual or firm, other than a bona fide employee employed by the PARTICIPANT. For breach or violation of this provision, the DEPARTMENT shall have the right to terminate the Agreement without liability.

11. The PARTICIPANT / Vendor/ Contractor (if applicable):
  - (A) shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the PARTICIPANT / Vendor/Contractor during the term of the contract; and
  - (B) shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
12. This Agreement is governed by and construed in accordance with the laws of the State of Florida.
13. This document incorporates and includes all prior negotiations, correspondence, conversations, agreements, or 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, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representation or agreements whether oral or written. It is further agreed that no modification, amendment, or alteration in the terms and conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.
14. Any or all notices (except invoices) given or required under this Agreement shall be in writing and either personally delivered with receipt acknowledged or sent by certified mail, return receipt requested. All notices delivered shall be sent to the following addresses:

If to the DEPARTMENT:

Florida Department of Transportation - District Four  
3400 West Commercial Blvd.  
Fort Lauderdale, Florida 33309-3421  
Attn: Leos A. Kennedy, Jr.  
With a copy to: Vandana Nagole, P.E.  
A second copy to: Office of the General Counsel

If to the PARTICIPANT:

City of Lake Worth Beach  
7 North Dixie Highway  
Lake Worth Beach, FL 33460  
Attn: Mr. Paul Nicholas  
Federal Employer ID No.: F-596-000-358

IN WITNESS WHEREOF, this Agreement is to be executed by the parties below for the purposes specified herein. Authorization has been given to enter into and execute this Agreement by Resolution No. \_\_\_\_\_, hereto attached.

CITY OF LAKE WORTH BEACH

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

BY: \_\_\_\_\_  
NAME: \_\_\_\_\_  
TITLE: \_\_\_\_\_

BY: \_\_\_\_\_  
STEVE C. BRAUN, P.E.  
DIRECTOR OF TRANSPORTATION DEVELOPMENT

ATTEST:

LEGAL REVIEW:

\_\_\_\_\_  
CITY CLERK (SEAL)

BY: \_\_\_\_\_  
OFFICE OF THE GENERAL COUNSEL

APPROVED:

APPROVED:

BY: \_\_\_\_\_  
CITY ATTORNEY

BY: \_\_\_\_\_  
DISTRICT PROGRAM MANAGEMENT ADMINISTRATOR

**EXHIBIT A**  
**SCOPE OF SERVICES**  
**FM# 447663-1-52-03**

Lighting improvements are necessary at the intersection of SR-A1A and SR-802/Lake Avenue to comply with current required illumination levels. This intersection features decorative lighting which is currently maintained by the City of Lake Worth Beach.

The Lighting Design Analysis Report (LDAR) determined that in order to comply with minimum illumination levels, four (4) luminaires on existing poles shall be retrofitted with LED luminaires, and two (2) additional poles are to be installed as shown in the attached plans.

The City of Lake Worth Beach is responsible for providing the funding for the difference in cost between conventional and decorative lighting.

## Exhibit B THREE PARTY ESCROW AGREEMENT

THIS AGREEMENT is made and entered into by and between the State of Florida, Department of Transportation ("FDOT"), City of Lake Worth Beach ("Participant"), and the State of Florida, Department of Financial Services, Division of Treasury ("Escrow Agent"), and shall become effective upon the Agreement's execution by Escrow Agent.

WHEREAS, FDOT and Participant are engaged in the following project ("Project"):

Project Name: Installation of decorative lighting  
Project #: 447663-1-52-03  
County: Palm Beach

WHEREAS, FDOT and Participant desire to establish an escrow account for the project.

NOW THEREFORE, in consideration of the premises and the covenants contained herein, the parties agree to the following:

1. An initial deposit will be made into an interest bearing escrow account established hereunder for the purposes of the Project. The escrow account will be opened with the Escrow Agent on behalf of FDOT upon Escrow Agent's receipt and execution of this Agreement.
2. Other deposits to the escrow account may be made during the life of this Agreement.
3. Deposits will be delivered in accordance with instructions provided by the Escrow Agent to the FDOT for deposit into the escrow account. A wire transfer or ACH deposit is the preferred method of payment and should be used whenever possible.
4. FDOT's Comptroller or designee shall be the sole signatory on the escrow account with the Escrow Agent and shall have sole authority to authorize withdrawals from the account. Withdrawals will only be made to FDOT or the Participant in accordance with the instructions provided to the Escrow Agent by FDOT's Comptroller or designee.
5. Moneys in the escrow account will be invested in accordance with section 17.61, Florida Statutes. The Escrow Agent will invest the moneys expeditiously. Income is only earned on the moneys while invested. There is no guaranteed rate of return. Investments in the escrow account will be assessed a fee in accordance with Section 17.61(4)(b), Florida Statutes. All income of the investments shall accrue to the escrow account.
6. Unless instructed otherwise by FDOT, all interest accumulated in the escrow account shall remain in the account for the purposes of the Project.



7. The Escrow Agent agrees to provide written confirmation of receipt of funds to FDOT. FDOT agrees to provide a copy of such written confirmation to Participant upon request.
8. The Escrow Agent further agrees to provide quarterly reports to FDOT concerning the escrow account. FDOT agrees to provide a copy of such quarterly reports to Participant upon request.
9. The Escrow Agent shall not be liable for any error of judgment or for any act done or omitted by it in good faith, or for anything which it may in good faith do or refrain from doing in connection herewith.
10. Escrow Agent shall have no liability for any claim, cost, expense, damage or loss due to the acts or omissions of FDOT and Participant, nor from any separate agreements between FDOT and Participant and shall have no responsibility to monitor or enforce any responsibilities herein or in any separate agreements associated with this Agreement between FDOT and Participant.
11. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Florida.
12. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
13. This Agreement shall terminate upon disbursement by the Escrow Agent of all money held by it in the escrow account in accordance with the instructions given by FDOT's Comptroller or designee and notification from FDOT to Escrow Agent that the account is to be closed.

***The remainder of this page is blank.***

IN WITNESS WHEREOF, the parties have duly executed the Agreement on the date(s) below.

\_\_\_\_\_  
For FDOT (signature)

\_\_\_\_\_  
Name and Title

59-3024028  
\_\_\_\_\_  
Federal Employer I.D. Number

\_\_\_\_\_  
Date

\_\_\_\_\_  
For PARTICIPANT (signature)

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

F-596-000-358-002  
\_\_\_\_\_  
Federal Employer I.D. Number

\_\_\_\_\_  
Date

FDOT Legal Review:

\_\_\_\_\_

\_\_\_\_\_  
For Escrow Agent (signature)

\_\_\_\_\_  
Name and Title

\_\_\_\_\_  
Date

THIS IS AN EXHIBIT ONLY ... NOT FOR EXECUTION!

**EXHIBIT C**

**MAINTENANCE MEMORANDUM OF  
AGREEMENT WITH THE  
CITY OF LAKE WORTH BEACH**

THIS IS AN EXHIBIT ONLY. NOT FOR EXECUTION!

**AMENDMENT NUMBER ONE (1)  
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR (4)  
MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA)**

**THIS AMENDMENT** Number One (1) to the Original Maintenance Memorandum of Agreement (MMOA), FM# **446173-1-52-01**, dated \_\_\_\_\_, made and entered into this \_\_\_\_\_ by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION** hereinafter called the **DEPARTMENT** and the **CITY OF LAKE WORTH BEACH**, a municipal corporation existing under the Laws of Florida, hereinafter called the **AGENCY**.

**WITNESSETH**

**WHEREAS**, the parties entered into the Maintenance Memorandum of Agreement dated, \_\_\_\_\_ for the purpose of requiring the **AGENCY** to maintain all existing and new decorative or non-standard lights; and

**WHEREAS**, the **AGENCY** intends to install additional new decorative or non-standard lights along a portion of SR A1A/ South Ocean Blvd under FM # 447663-1-52-01, within the **DEPARTMENT'S** right-of-way; and

**WHEREAS**, it is the intent of the **AGENCY** and the **DEPARTMENT** that the **AGENCY** shall maintain: all decorative and non-standard lights, hereinafter referred as "**IMPROVEMENTS**" within the project limits along SR A1A/ South Ocean Blvd from Mile Post (M.P.) 20.348 to M.P. 20.594; and

**WHEREAS** the installation of the **IMPROVEMENTS** pursuant to this Amendment extends the **AGENCY'S** maintenance limits, as described in **Exhibit A**, of the Original Agreement dated \_\_\_\_\_; and

**WHEREAS**, the **AGENCY** by Resolution No. \_\_\_\_\_ dated \_\_\_\_\_, attached hereto and by this reference made a part hereof, desires to enter this MMOA Amendment and authorized its officers to do so.

**NOW THEREFORE**, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. **Exhibit "A"** of the Maintenance Memorandum of Agreement dated \_\_\_\_\_, shall be amended to include the additional areas: of SR A1A/ South Ocean Blvd from M.P. 20.348 to M.P. 20.594, as set forth in Exhibit A attached and incorporated into this Amendment.
2. The **DEPARTMENT** shall construct the **IMPROVEMENTS** along A1A/ South Ocean Blvd from M.P. 20.348 to M.P. 20.594 as set forth in **Exhibit A**, attached to this Amendment in accordance with the plans attached as **Exhibit B**.

3. The **AGENCY** shall agree to maintain the **IMPROVEMENTS** in this Amendment in accordance with the terms and conditions of the Original MMOA.
4. Except as modified by this Amendment, all terms, and conditions of the original MMOA and all Amendments thereto shall remain in full force and effect.
5. **LIST OF EXHIBITS**

Exhibit A – Project Location, Description, and Aerial Image  
Exhibit B – Project Plans

THIS IS AN EXHIBIT ONLY ... NOT FOR EXECUTION!

SECTION No.: 93060000  
S.R. No.: SR-A1A  
FM No.: 447663-1-52-01  
COUNTY: PALM BEACH

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

**CITY OF LAKE WORTH BEACH**

By: \_\_\_\_\_  
Chairperson/Mayor/Manager

Date: \_\_\_\_\_

Attest: \_\_\_\_\_ (SEAL)  
City Clerk

Legal Approval

\_\_\_\_\_  
Attorney

\_\_\_\_\_  
Date

THIS IS AN EXHIBIT ONLY... NOT FOR EXECUTION!

SECTION No.: 93060000  
S.R. No.: SR-A1A  
FM No.: 447663-1-52-01  
COUNTY: PALM BEACH

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

**DEPARTMENT**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

Sign: \_\_\_\_\_  
Director of Operations

Print Name: Paul A. Lampley

Date: \_\_\_\_\_

Approval as to Form:

Sign: \_\_\_\_\_  
Francine T. Steelman  
Assistant General Counsel

Date: \_\_\_\_\_

THIS IS AN EXHIBIT ONLY - NOT FOR EXECUTION!

EXHIBIT A

PROJECT LOCATION, DESCRIPTION, AND AERIAL IMAGE

I. Location of IMPROVEMENTS:

The **IMPROVEMENTS** associated with this Amendment are within the **DEPARTMENT'S** right-of-way, within limits of the City of Lake Worth Beach, Florida, along State Road A1A / South Ocean Blvd from Mile Post (M.P.) 20.348 to M.P. 20.594.

II. Description of Work:

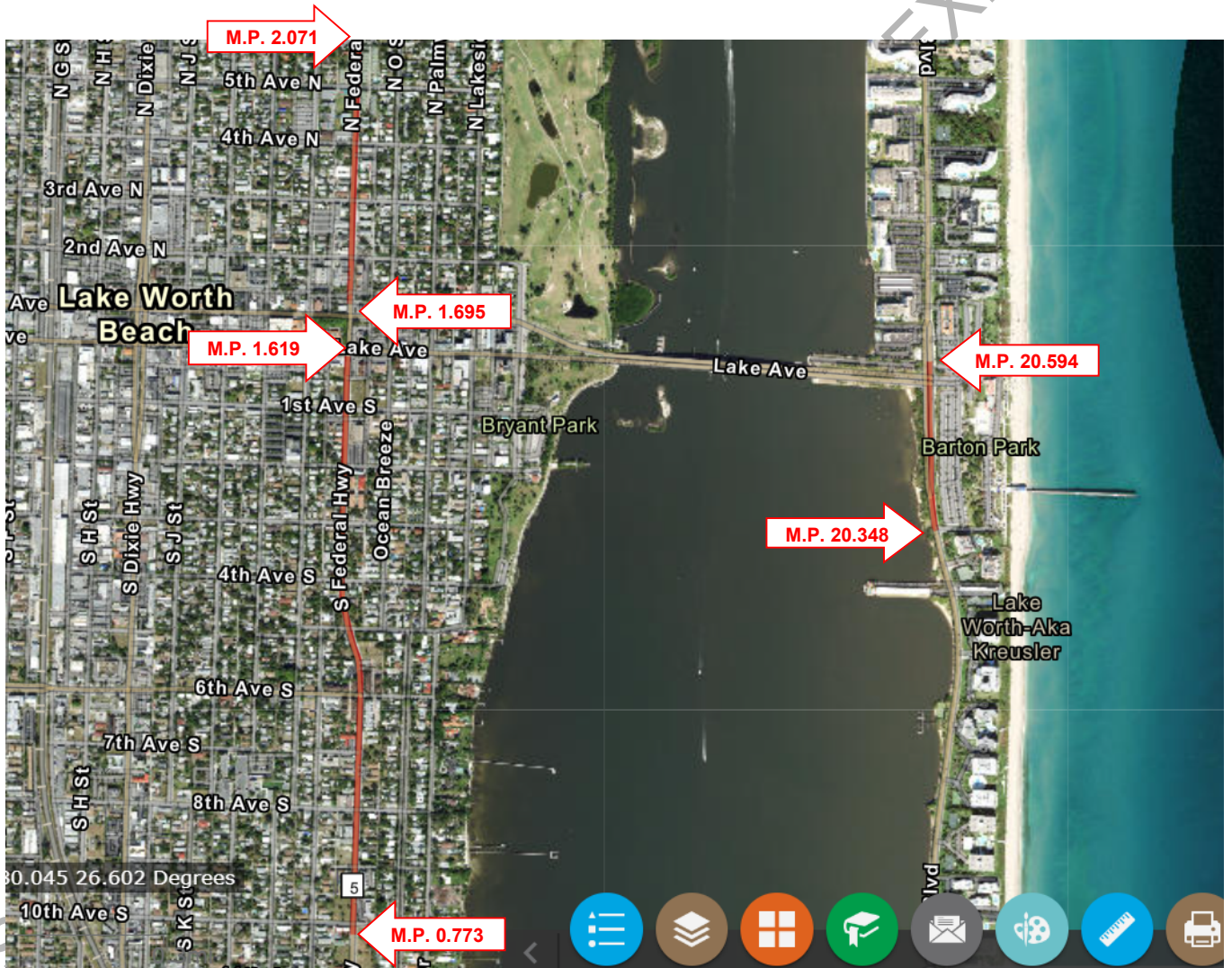
The proposed project consists of the installation of new decorative and non-standard lights.





III. Entire limits of IMPROVEMENTS

The entire limits of the **IMPROVEMENTS** that shall be maintain by the **AGENCY** are within the **DEPARTMENT'S** right-of-way in limits of the City of Lake Worth, Florida, along State Road 5/US-1 Federal Highway from Mile Post (M.P.) 0.773 to 1.619 and M.P. 1.695 to M.P. 2.071, and along State Road A1A / South Ocean Blvd from M.P. 20.348 to M.P. 20.594.



**EXHIBIT B**

Lighting Plans prepared by Fernando Amado-Mateus P.E., Trace Consultants, Inc., dated 11/12/2023, as approved by the **DEPARTMENT**.

Lighting Plans (attached)

Sheets included:

PDF Page Number (#)	Plan Sheet (#)	Sheet Description
8	L-1	KEY SHEET
9	L-2	GENERAL NOTES
10	L-3	LIGHTING DATA TABLE
11-12	L-4 THRU L-5	LIGHTING PLAN
13-15	L-6 THRU L-8	POLE DETAILS
16	L-9	LOAD CENTER DETAILS

[The remainder of this page intentionally left blank]

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS

FINANCIAL PROJECT ID 447663-1-52-01

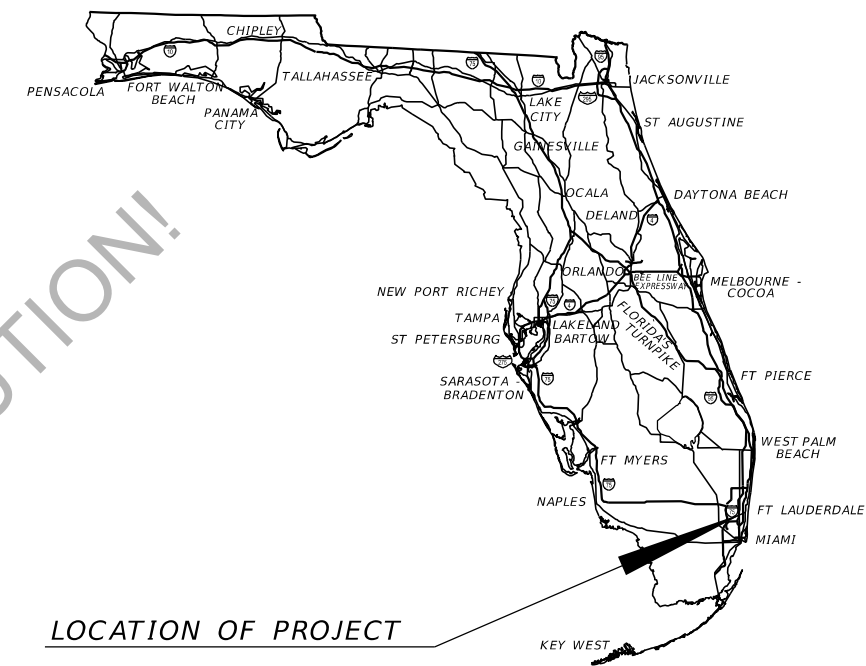
PALM BEACH COUNTY (93060)

STATE ROAD NO. SR A1A  
FROM SOUTH OF LAKE AVE TO N OF IBIS WAY

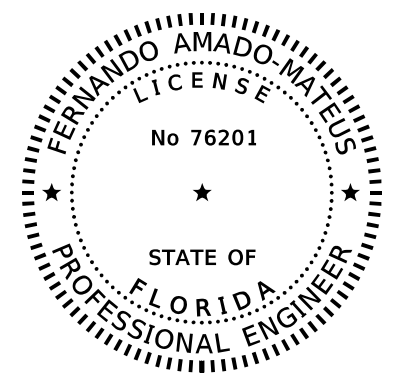
INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	GENERAL NOTES
L-3	LIGHTING DATA TABLE
L-4-L-5	LIGHTING PLAN
L-6-L-7-L-8	POLE DETAILS
L-9	LOAD CENTER DETAILS

PROJECT LOCATION URL: <https://tinyurl.com/mat4v9cb>  
 PROJECT LIMITS: BEGIN MP 20.307 - END MP 22.381  
 EXCEPTIONS: NONE  
 BRIDGE LIMITS: NONE  
 RAILROAD CROSSING: NONE



LOCATION OF PROJECT



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

THE ABOVE NAMED PROFESSIONAL IS  
RESPONSIBLE FOR THE FOLLOWING SHEETS  
IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

**LIGHTING PLANS  
ENGINEER OF RECORD:**

FERNANDO AMADO MATEUS, P.E.  
P.E. LICENSE NUMBER 76201  
TRACE CONSULTANTS, INC.  
8900 SW 117 AVENUE, SUITE 105B  
MIAMI, FLORIDA 33186  
PHONE: 786-808-0119  
CONTRACT NO.: CAH06  
VENDOR NO.: F455418595

**FDOT PROJECT MANAGER:**

VANDANA NAGOLE, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E0000	25	L-1

THIS IS AN EXHIBIT ONLY... NOT FOR EXECUTION!

3/14/2023 2:35:00 PM Z:\FDOT\Connect\10\10\Workspaces\FDOT\Worksets\FDOT\44766315201\_Lighting\KEY\SLT01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LIGHTING DATA TABLE

	POLE NO.	CIRCUIT*	STATION	POLE OFFSET	MOUNTING HEIGHT	POLE TYPE	ARM CONFIGURATION	ARM LENGTH	WATTAGE	LOCATION	FOUNDATION	PAY ITEM
SR A1A & LAKE AVENUE	LPLWB-01	B-1	121+45* / BL SURVEY SR A1A	49' LT*	20*	EXIST. ORNAMENTAL CONC.POLE / RETROFIT	PENDANT	3'(*)	97	BACK OF SWK	CYLINDRICAL	715-11-216
	LPLWB-02	A-1	121+47* / BL SURVEY SR A1A	49' RT*	20*	EXIST. ORNAMENTAL CONC.POLE / RETROFIT	PENDANT	3'(*)	97	BACK OF SWK	CYLINDRICAL	715-11-216
	LPLWB-03	A-1	121+86* / BL SURVEY SR A1A	49' RT	20	LIGHT POLE COMPLETE, ORNAMENTAL CONC.	PENDANT	3'	97	BEHIND SWK	SPREAD FOOTER	715-511-320
	LPTS-01	TS	122+51* / BL SURVEY SR A1A	52' LT*	40*	EXIST. TRAFFIC SIGNAL POLE / RETROFIT	BRACKET MOUNT	10'(*)	264	EXIST. SIGNAL ARM	CYLINDRICAL	715-11-211
	LPLWB-04	B-2	122+69* / BL SURVEY SR A1A	128' LT	20	LIGHT POLE COMPLETE, ORNAMENTAL CONC.	PENDANT	3'	97	BEHIND SWK	CYLINDRICAL	715-511-320
	LPLWB-05	B-2	122+73* / BL SURVEY SR A1A	177' LT*	20*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	3'(*)	97	BEHIND SWK	CYLINDRICAL	715-11-216
	LPTS-02	TS	123+57* / BL SURVEY SR A1A	63' RT*	40*	EXIST. TRAFFIC SIGNAL POLE / RETROFIT	BRACKET MOUNT	10'(*)	264	EXIST. SIGNAL ARM	CYLINDRICAL	715-11-211
	LPLWB-06	A-2	123+70* / BL SURVEY SR A1A	154' LT*	20*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	3'(*)	97	BEHIND OF SWK	CYLINDRICAL	715-11-216
	LPTS-03	TS	123+78* / BL SURVEY SR A1A	74' LT*	40*	EXIST. TRAFFIC SIGNAL POLE / RETROFIT	BRACKET MOUNT	10'(*)	264	EXIST. SIGNAL ARM	CYLINDRICAL	715-11-211
	LPTPB-01	EXIST	124+58* / BL SURVEY SR A1A	49' RT*	40*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	6'(*)	173	BACK OF SWK	CYLINDRICAL	N/A
LPTPB-02	EXIST	124+86* / BL SURVEY SR A1A	49' LT*	40*	EXIST. UTILITY POLE CONC. POLE/ RETROFIT	BRACKET MOUNT	12'(*)	186	BACK OF SWK	DIRECT BURIAL	N/A	
LPTPB-03	EXIST	125+56* / BL SURVEY SR A1A	49' LT*	40*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	6'(*)	173	BACK OF SWK	CYLINDRICAL	N/A	

SR A1A & PG3 MBLK	LPPG3-01	EXIST	185+32* / BL SURVEY A1A	37' LT*	40*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	6'(*)	144	BEHIND SWK	DIRECT BURIAL	N/A
	LPPG3-02	EXIST	186+13* / BL SURVEY A1A	35' LT	40	PROP. ORNAMENTAL CONC. POLE	PENDANT	6'	144	BEHIND SWK	DIRECT BURIAL	N/A
	LPPG3-03	EXIST	187+02* / BL SURVEY A1A	35' LT*	40*	EXIST. ORNAMENTAL CONC. POLE / RETROFIT	PENDANT	6'(*)	144	BEHIND SWK	DIRECT BURIAL	N/A
	LPPG3-04	EXIST	187+79* / BL SURVEY A1A	35' LT	40	PROP. ORNAMENTAL CONC. POLE	PENDANT	6'	144	BEHIND SWK	DIRECT BURIAL	N/A

\* EXISTING STATIONS, OFFSETS AND MOUNTING HEIGHTS TO REMAIN - PROVIDED FOR REFERENCE ONLY.

TS: EXISTING CIRCUIT CONNECTED TO TRAFFIC SIGNAL SYSTEM, TO REMAIN

LIGHTING WORK BY UTILITY COMPANY

- WORK BY FP&L
- WORK BY LAKE WORTH BEACH UTILITY COMPANY

CONVENTIONAL LIGHTING DESIGN CRITERIA

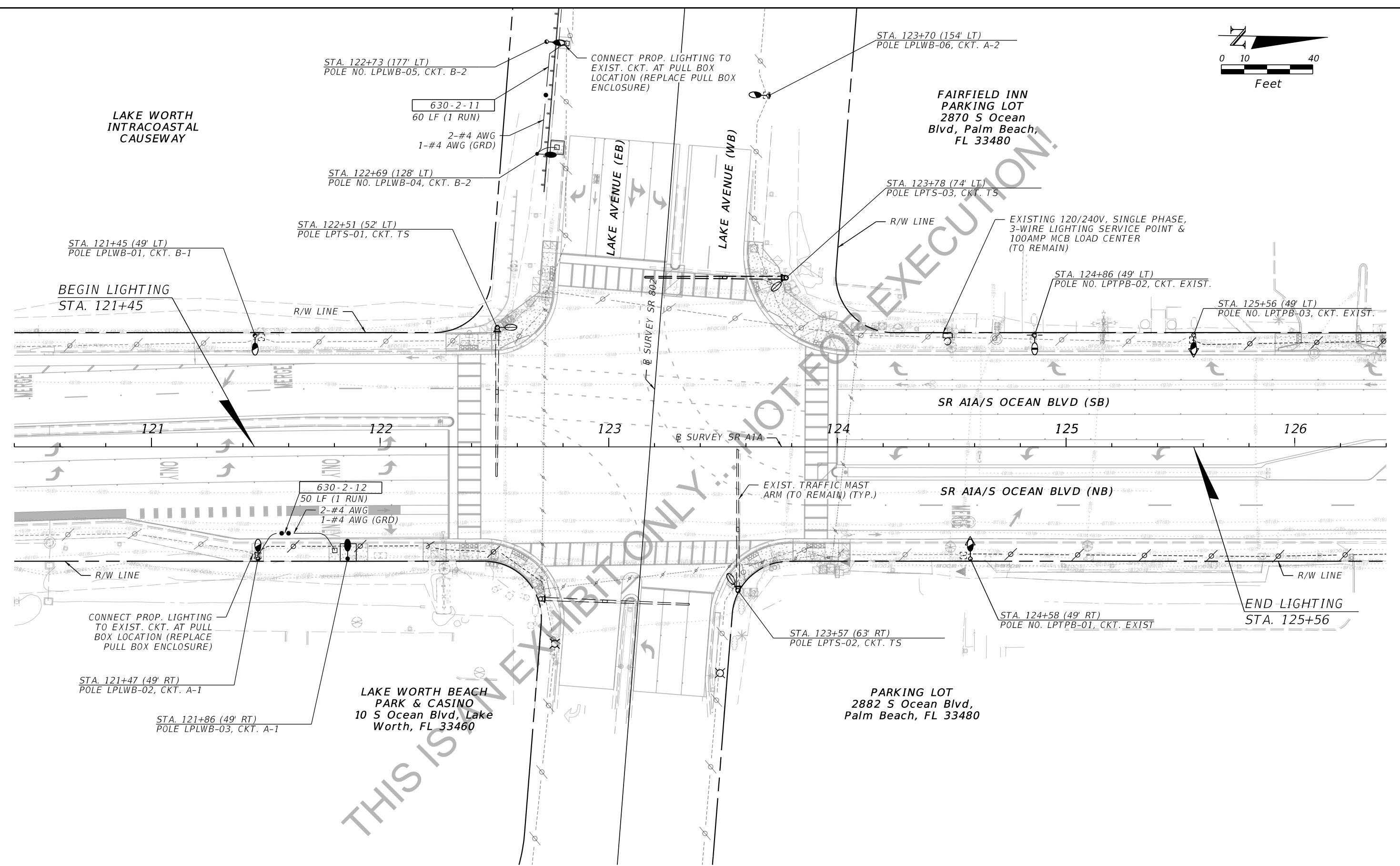
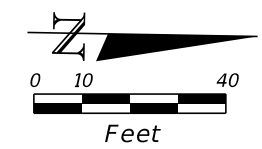
EXISTING SIGNALIZED INTERSECTION

Average Initial Intensity (H.F.C.)	1.5 Std/1.0 Min.
Vertical Illuminance Ratio (V.F.C)	1.5 Std/1.0 Min.
Uniformity Ratio Avg./Min.	4:1 or less
Uniformity Ratio Max./Min.	10:1 or less
Wind Speed	160 MPH

MIDBLOCK CROSSING

Average Initial Intensity (H.F.C.)	N/A
Vertical Illuminance Ratio (V.F.C)	1.5 Std
Uniformity Ratio Avg./Min.	N/A
Uniformity Ratio Max./Min.	N/A
Wind Speed	160 MPH

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING DATA TABLE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					10	SR A1A	PALM BEACH	447663-1-52-01		L-3



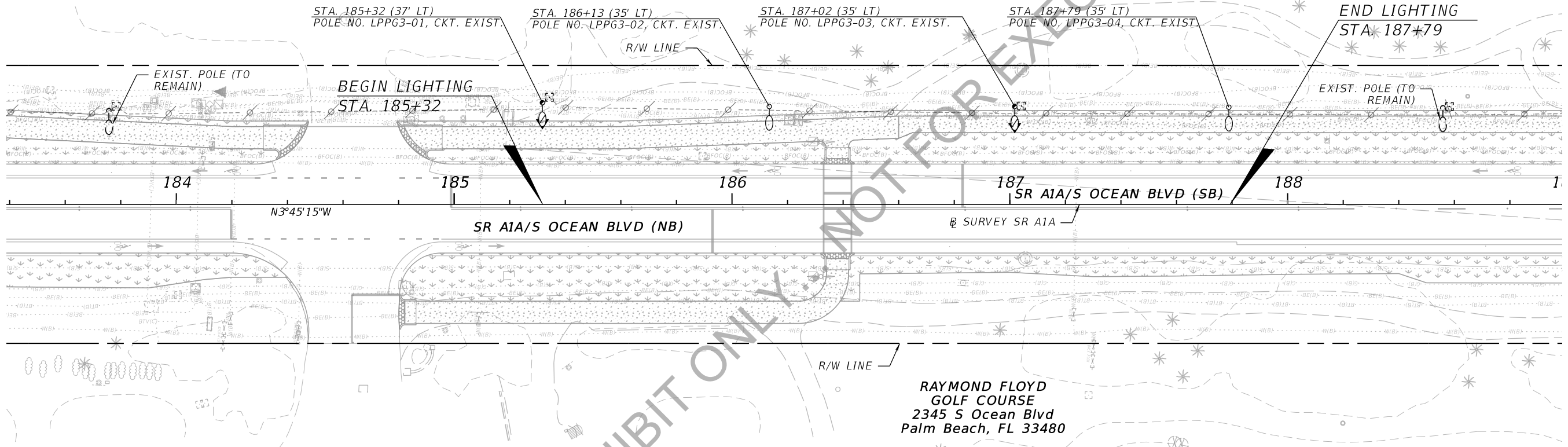
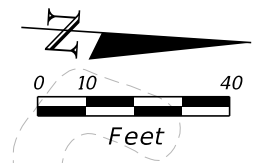
SR A1A/S OCEAN RT BLVD AT SR 802/LAKE AVENUE INTERSECTION

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186		SR A1A	PALM BEACH	447663-1-52-01	L-4

LIGHTING PLAN

3/14/2023 2:35:25 PM sgonzalez  
 Z:\DOT\Connect 10.10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\PL\AML101.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THIS IS AN EXHIBIT ONLY NOT FOR EXECUTION!

RAYMOND FLOYD  
GOLF COURSE  
2345 S Ocean Blvd  
Palm Beach, FL 33480

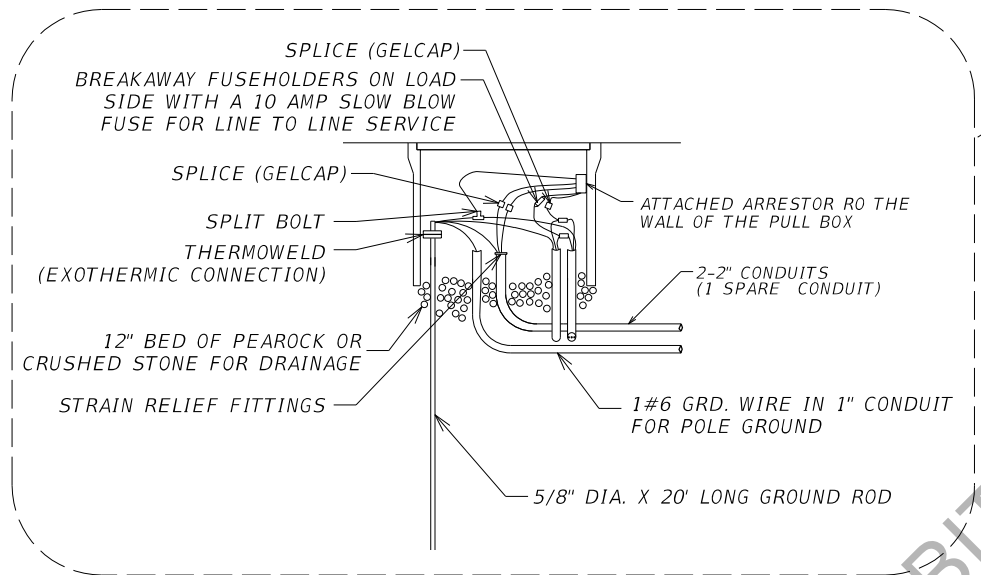
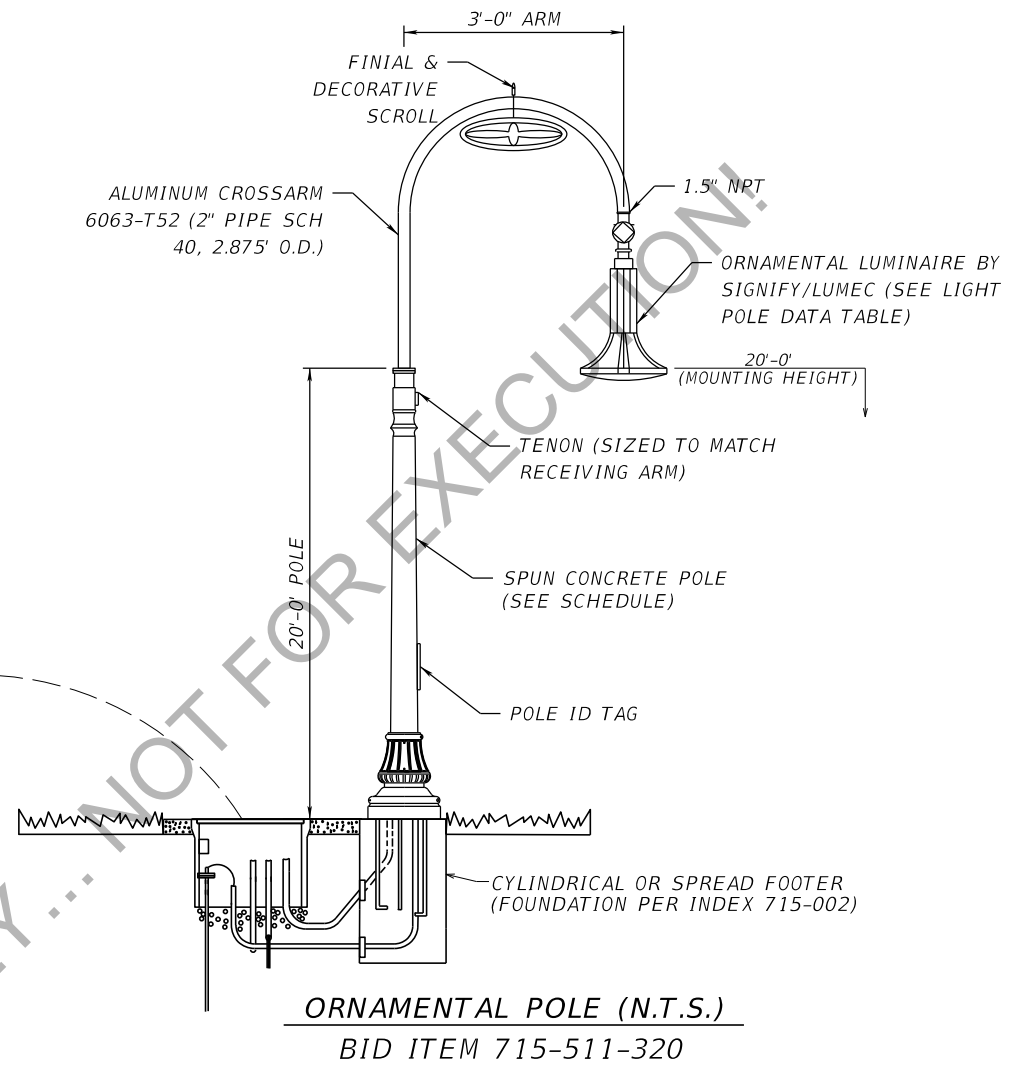
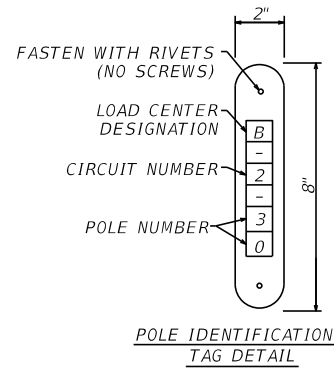
SR A1A/S OCEAN BLVD AT RAYMOND FLOYD GOLF COURSE (PG-3) MIDBLOCK CROSSING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							12	SR A1A	PALM BEACH

LIGHTING PLAN

3/14/2023 2:35:25 PM sgonzalez Z:\DOT\connect\10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\PL\AML101.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DETAIL 'A' - PULL BOX WIRING

ORNAMENTAL POLE SCHEDULE

ELEMENT	MANUFACTURER	REFERENCE NO.	DIMENSIONS	COLOR
ALUMINUM CROSS-ARM - ROADWAY LIGHTING	ARTEC MANUFACTURING	LAKE WORTH ARM (VX-WPB-ASSE-GN4TX)	3'x3' ARM	GN4TX GREEN
SPUN CONCRETE POLE (FLUTED)	AMERON	VEF06.1 SPL W/TENON ASSEMBLY	20'-0" HT	PINE GREEN

SHOP DRAWINGS

PROVIDE SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS FOR THE ENTIRE DECORATIVE LIGHTING SYSTEM, INCLUDING CONNECTIONS DESIGN (LUMINAIRE TO-ARM, ARM-TO-UPRIGHT, AND UPRIGHT-TO-FOUNDATION CONNECTIONS). PROVIDE PLANS AND CALCULATIONS SIGNED AND SEALED BY A FLORIDA-LICENSED PROFESSIONAL ENGINEER WHICH DEMONSTRATE THAT THE DECORATIVE LIGHT FIXTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST VERSION OF AASHTO LRFDLTS AS MODIFIED BY THE PROVISIONS OF THE FDOT STRUCTURES MANUAL VOLUME 3.

ORNAMENTAL POLE DETAILS (1 OF 2)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186 13		SR A1A	PALM BEACH	447663-1-52-01	L-6
<b>POLE DETAILS</b>									

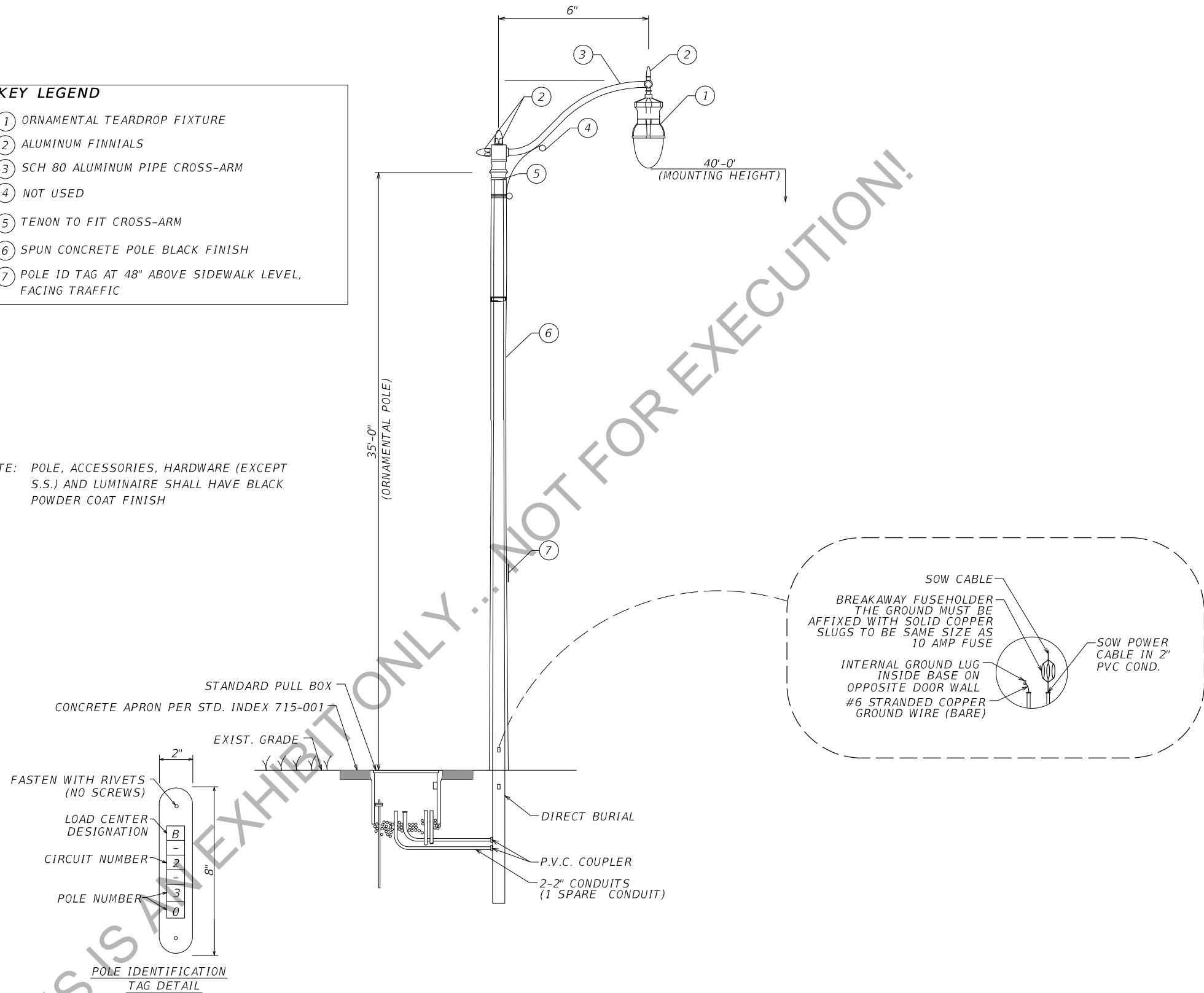
3/14/2023 2:35:26 PM sgonzalez Z:\FDOT\Connect\10-10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\CMP\LT01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- KEY LEGEND**
- ① ORNAMENTAL TEARDROP FIXTURE
  - ② ALUMINUM FINNIALS
  - ③ SCH 80 ALUMINUM PIPE CROSS-ARM
  - ④ NOT USED
  - ⑤ TENON TO FIT CROSS-ARM
  - ⑥ SPUN CONCRETE POLE BLACK FINISH
  - ⑦ POLE ID TAG AT 48" ABOVE SIDEWALK LEVEL, FACING TRAFFIC

NOTE: POLE, ACCESSORIES, HARDWARE (EXCEPT S.S.) AND LUMINAIRE SHALL HAVE BLACK POWDER COAT FINISH



**ORNAMENTAL POLE INSTALLATION DETAIL**

\* POLES BY FPL

**ORNAMENTAL POLE DETAILS (2 OF 2)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					14	SR A1A	PALM BEACH	447663-1-52-01	POLE DETAILS L-7

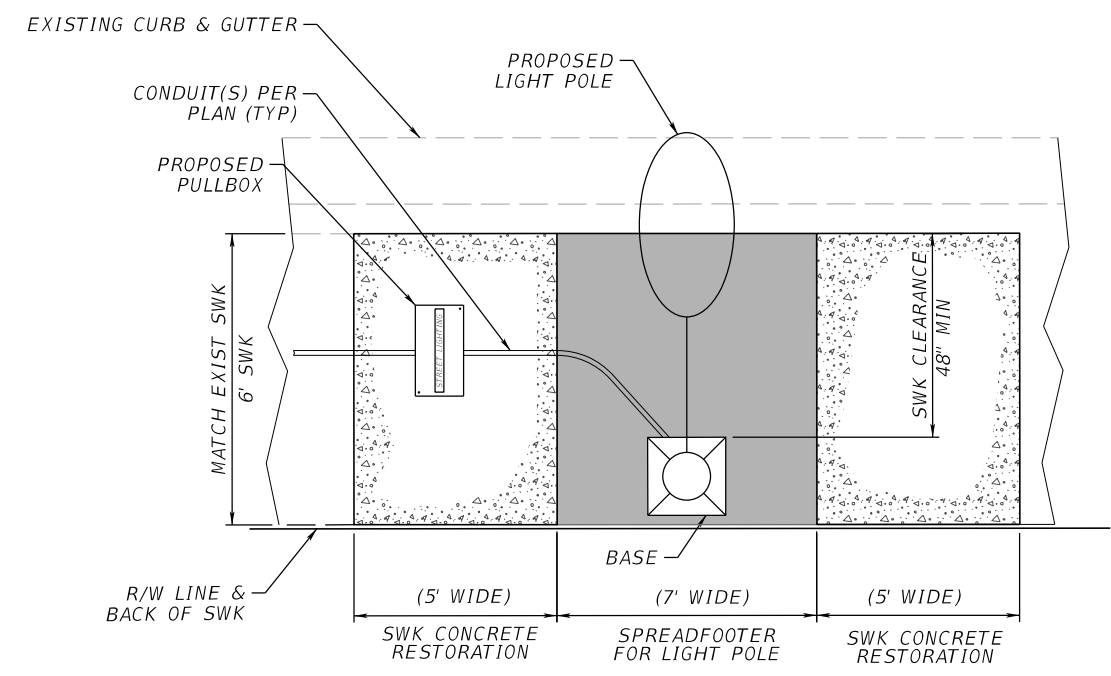
3/14/2023 2:35:26 PM sgonzalez Z:\DOT\Connect\10\10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\CMP\LT01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

3/14/2023 2:35:29 PM sgonzalez Z:\DOT\Connect\10\10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\SPD\TLT01.dgn

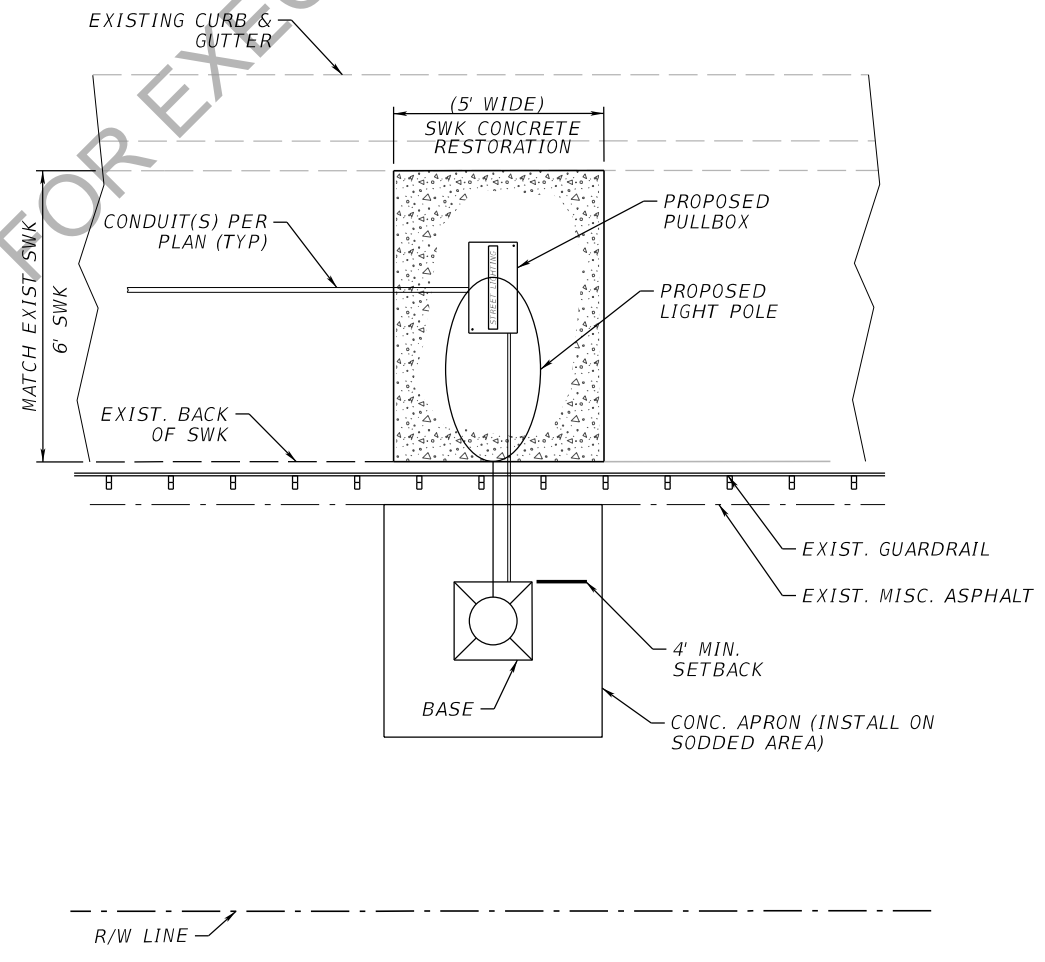
THIS IS AN EXHIBIT ONLY... NOT FOR EXECUTION!

**DIRECTION OF TRAFFIC**



**DETAIL 'A' - POLE LP-LWB03**

**DIRECTION OF TRAFFIC**



**DETAIL 'B' - POLE LP-LWB04**

**LIGHT POLE AND SITE RESTORATION DETAILS**

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	POLE DETAILS
										SR A1A

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**SERVICE POINT DATA TABLE**

SERVICE	ENCLOSURE SIZE & SERVICE COND.	ARTERIAL	ROADWAY	FROM	TO	LOCATION	CIRCUIT	CONDUCTORS	BREAKER SIZE	EXISTING CONNECTED LOAD ©	PROPOSED CONNECTED LOAD (C)	MAINTAINING AGENCY
EXIST. CITY OF LAKE WORTH SERVICE POINT (TO REMAIN)	100 A MCB, 120/240V, SINGLE PHASE, 3 WIRE SERVICE FEEDER, 2-60 AMP CONTACTORS SIZE.	SR-A1A	86050	Southbound of SR 802	Northbound of SR 802	SR A1A / N OCEAN BLVD NORTHWEST CORNER AT 50 FT LT OF STA. 124+85.00 C/ L SR A1A.	A-I	3-#4	2-30 AMPS	14.8	8.5	CITY OF LAKE WORTH BEACH
							A-II	3-#4	2-30 AMPS	12.5	7.3	
							B-I	3-#4	2-30 AMPS	11.4	6.7	
							B-II	3-#4	2-30 AMPS	12.5	7.7	

NOTE: NO NET INCREASE IN DEMAND LOAD FOR ANY EXISTING CIRCUIT. EXISTING CIRCUITS, CONDUCTORS, BREAKERS AND SERVICE FEEDERS

EXISTING "CITY OF LAKE WORTH SERVICE POINT" 100A MCB IN NEMA 3R ENCLOSURE, 120/240 VOLTS, 1Φ, 3W SERVICE (PER STATE PRJ. FM #228858-1-52-01/FY 2004 AS-BUILTS)						
NO.	CIRCUIT NO.	SERVING	VA	AMPS	CIRCUIT BREAKER	WIRE/CONDUIT
1	A-I	STREET LIGHTING	4,080	8.5	30A	#4
2	A-II	STREET LIGHTING	3,504	7.3	30A	#4
3	B-I	STREET LIGHTING	3,216	6.7	30A	#4
4	B-II	STREET LIGHTING	3,696	7.7	30A	#4

(EXISTING SERVICE CONDUCTORS TO REMAIN)

CONTINUOUS LOAD = 14,496 VA  
 25% CONT. LOAD = 3,624 VA  
 TOTAL = 18,120 VA  
 DEMAND LOAD = 38 A

THIS IS AN EXHIBIT ONLY ... NOT FOR EXECUTION!

3/14/2023 2:35:29 PM sgonzalez Z:\DOT\Connect\10\Workspaces\FDOT\Worksets\FDOT\44766315201\Lighting\SRPTLT01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LOAD CENTER DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186 16		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-9
						SR A1A	PALM BEACH	447663-1-52-01		