FM No.: 447663-1-52-01 COUNTY: PALM BEACH

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 06/16/2023 , 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,06/16/2023 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 06/16/2023; and

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

hereto and by this reference made a part hereof, desires to enter this MMOA Amendment and

WHEREAS, the AGENCY by Resolution No._____dated__

authorized its officers to do so.

- 1. **Exhibit "A"** of the Maintenance Memorandum of Agreement dated <u>06/16/2023</u>, 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**.

SECTION No.: 93060000

S.R. No.: SR-A1A

FM No.: 447663-1-52-01 COUNTY: PALM BEACH

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

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 BEACI	1		
By:Chairperson/Mayor/Manage	er	_ D	rate:
Attest: City Clerk		_(SEAL)	
Legal Approval			
Attorney	Date		

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:
	Print Name: <u>Paul A. Lampley</u>
	Date:
	Approval as to Form:
	Sign: Francine T. Steelman Assistant General Counsel
	Date:

FM No.: 447663-1-52-01 COUNTY: PALM BEACH

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.



FM No.: 447663-1-52-01 COUNTY: PALM BEACH

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.



FM No.: 447663-1-52-01 COUNTY: PALM BEACH

EXHIBIT B

Lighting Plans prepared by Fernando Amado-Mateus P.E., Trace Consultants, Inc., dated r 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

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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

PROJECT LOCATION URL: https://tinyurl.com/mat4v9cb

PROJECT LIMITS:

BEGIN MP 20.307 - END MP 22.381

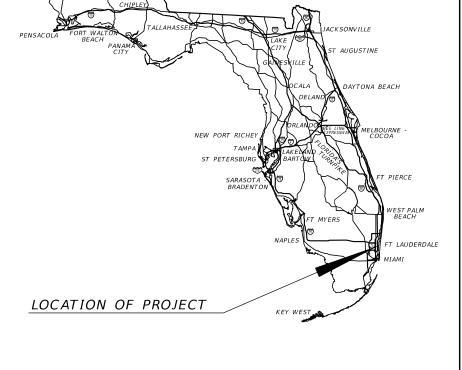
EXCEPTIONS:

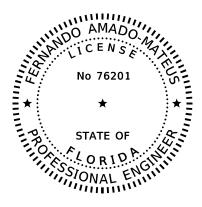
NONE

BRIDGE LIMITS:

NONE

RAILROAD CROSSING: NONE





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 ABOVED 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.	FICIAL
E0000	25	L-1	THE OF

INDEX OF LIGHTING PLANS

SHEET DESCRIPTION

GENERAL NOTES

LIGHTING PLAN

POLE DETAILS

LIGHTING DATA TABLE

LOAD CENTER DETAILS

KEY SHEET

SHEET NO.

L-1

L-2

L-3

L-9

L-4-L-5

L-6-L-7-L-8

CONTACT: MELISSA STURDIVANT PUBLIC WORKS OFFICE MANAGER (561) 586-1720

1.2 TOWN OF PALM BEACH PUBLICK WORKS 951 OKEECHOBEE RD. SUITE A WEST PALM BEACH, FL 33401

CONTACT: H. PAUL BRAZIL, P.E. DIRECTOR OF PUBLIC WORKS (561) 838-5440

1.3 PALM BEACH COUNTY ENGINEERING AND PUBLIC WORKS-TRAFFIC 2300 NORTH JOG ROAD, 3RD FLOOR WEST PALM BEACH, FL 33411

CONTACT: MOTASEM AL-TURK, P.E., Ph.D. DIRECTOR OF ENGINEERING AND PUBLIC WORKS-TRAFFIC (561) 684-4030

2. DELIVER ALL SALVAGEABLE LIGHTING EQUIPMENT TO EACH MAINTAINING AGENCY WHERE LIGHTING WORK TAKES PLACE. LIGHTING EQUIPMENT CONSIDERED SALVAGEABLE ARE SALVAGEABLE ALUMINUM POLES, LUMINAIRES, AND CABLE DISTRIBUTION SYSTEMS.

PAY ITEM NOTES:

715-5-32 COST INCLUDES FURNISHING AND INSTALLING THE FOLLOWING LUMINAIRES:
AUTOBAHN ATB SERIES, MODEL ATB2 (264 W, 4000 CCT, R4 DISTRIBUTION,WIRED
FOR 120 V, 3-PIN NEMA PHOTOCONTROL RECEPTACLE, SHORTING CAP & PHOTOCELL)

EXISTING PULLBOX REPLACEMENTS DUE TO SIDEWALK RECONSTRUCTION (NO PLAN COVERAGE)								
LOCATION STA. TO STA.	SIDE	UNIT	DESIGN NOTES	CONSTRUCTION REMARKS				
119+19.54	LT	EA	L I GHT I NG					
121+44.30	RT	EA	L I GHT I NG					
121+45.41	LT	EA	L I GHT I NG					
124+54.98	RT	EA	L I GHT I NG					
124+85.66	LT	EΑ	L I GHT I NG					
125+55.34	LT	EA	L I GHT I NG					
126+90.50	LT	EA	L I GHT I NG					
128+32.54	LT	EΑ	L I GHT I NG					
158+94.41	LT	EΑ	L I GHT I NG					
163+89.44	LT	EΑ	L I GHT I NG					
167+31.95	LT	EA	L I GHT I NG					
211+40.57	LT	EΑ	L I GHT I NG					
214+26.92	LT	EA	L I GHT I NG					
586+00.54	LT	EA	L I GHT I NG					
587+52.98	LT	EΑ	L I GHT I NG					
588+56 . 13	LT	EA	L I GHT I NG					
589+59.75	LT	EA	L I GHT I NG					
590+56.67	RT	EΑ	L I GHT I NG					
590+62.12	LT	EΑ	L I GHT I NG					

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SYMBOLS DESCRIPTION

EXIST. LOAD CENTER TO REMAIN

LIGHT POLE ORNAMENTAL DESIGNED FOR 10,173 LUMENS, TYPE III DISTRIBUTION, 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP, AND WIRED FOR XX VOLT OPERATION. NO PHOTOCELL REQUIRED. SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: MSR 108W 48LED G2 LE3WS.ies

LUMINAIRE RETROFIT FOR ORNAMENTAL DESIGNED FOR 10,173 LUMENS, TYPE III DISTRIBUTION, 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP, AND WIRED FOR XX VOLT OPERATION. NO PHOTOCELL REQUIRED. SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: MSR 108W 48LED G2 LE3WS.ies

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LUMINAIRE RETROFIT FOR TRAFFIC SIGNAL POLE DESIGNED FOR 33,907 LUMENS, TYPE IV DISTRIBUTION, 3 PIN NEMA PHOTOCONTROL RECEPTACLE WITH SHORTING CAP, AND WIRED FOR 120 VOLT OPERATION. PHOTOCELL REQUIRED. SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: ATB2_P604_R4_4K.ies

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LIGHT POLE ORNAMENTAL DESIGNED FOR 21,282 LUMENS, TYPE IV DISTRIBUTION, 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP, AND WIRED FOR XX VOLT OPERATION. NO PHOTOCELL REQUIRED. SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: MSR_108W_48LED_G2_LE3WS.ies

LUMINAIRE RETROFIT FOR ORNAMENTAL POLE DESIGNED FOR 21,282 LUMENS, TYPE IV DISTRIBUTION, SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: MPL3P45S 40K-TG3-RFD330680_6F

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LUMINAIRE RETROFIT IN UTILITY POLE DESIGNED FOR 25,839 LUMENS, TYPE IV DISTRIBUTION, 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP, AND WIRED FOR 480 VOLT OPERATION. NO PHOTOCELL REQUIRED. SINGLE ARM POLE.

PHOTOMETRIC DISTRIBUTION CURVE USED FOR DESIGN: ATB2 P602 R4 4K RFD325843.ies

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EXISTING LIGHT POLE TO REMAIN

PROPOSED PULL BOX AND APRON

L'J

EXISTING PULL BOX

----- ø -----

EXISTING CONDUIT

2" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT (DIRECTIONAL BORE) WITH THREE RHW-2/XLP CONDUCTORS INSIDE THE CONDUIT: ONE WITH RED INSULATION, ONE WITH WHITE INSULATION, AND ONE GROUND WITH GREEN INSULATION.

2" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT (OPEN TRENCH) WITH THREE RHW-2/XLP CONDUCTORS INSIDE THE CONDUIT: ONE WITH BLACK INSULATION, ONE WITH WHITE INSULATION, AND ONE GROUND WITH GREEN INSULATION.

	REV	ENGINEER OF RECORD		
DATE	DESCRIPTION	DATE	DESCRIPTION	TEENNANDO AMADO MATEUC DE
				FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE , SUITE 105 MIAMI, FL 33186

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

SR AIA PALM BEACH 447663-1-52-01

GENERAL NOTES

SHEET NO.

LIGHTING DATA TABLE

	POLE NO.	CIRCUIT*	STATION	POLE OFFSET	MOUNT I NG HE I GHT	POLE TYPE	ARM CONFIGURATION	ARM LENGTH	WATTAGE	LOCATION	FOUNDAT I ON	PAY ITEM
	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
ll R	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
1	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
\frac{1}{2}	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
3	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
∥ જ	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
SR	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
 	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
PG3	LPPG3-02	EXIST	186+13* / BL SURVEY A1A	35' LT	40	PROP. ORNAMENTAL CONC. POLE	PENDANT	6'	144	BEHIND SWK	DIRECT BURIAL	N/A
SR.	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.) Vertical Illuminance Ratio (V.F.C) Uniformity Ratio Avg./Min. Uniformity Ratio Max./Min. Wind Speed 160 MPH

1.5 Std/1.0 Min. 1.5 Std/1.0 Min. 4:1 or less 10:1 or less

MIDBLOCK CROSSING

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

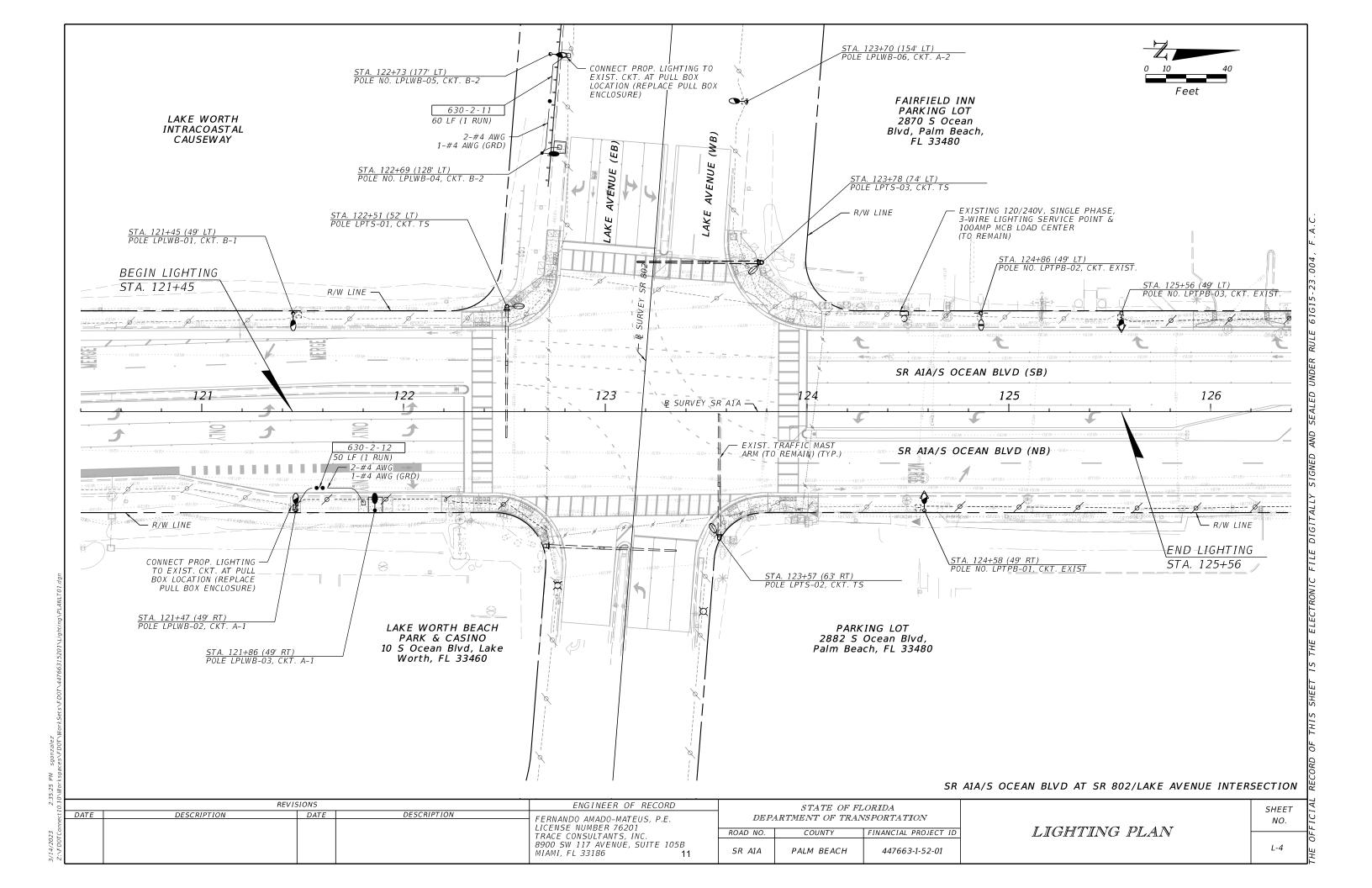
N/A 1.5 Std N/A

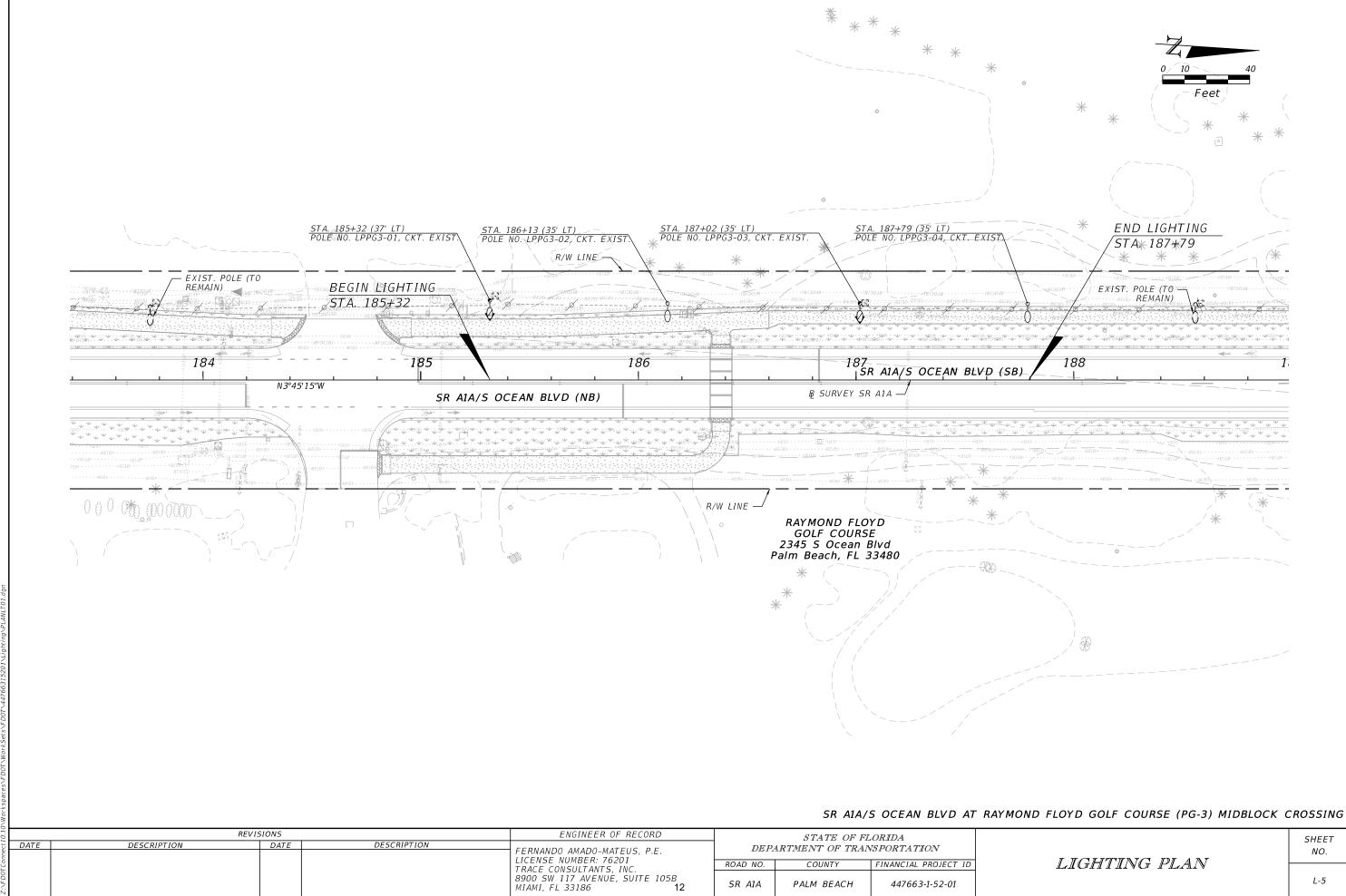
REVISIONS ENGINEER OF RECORD STATE OF FLORIDA DESCRIPTION DESCRIPTION DATE DATE DEPARTMENT OF TRANSPORTATION FERNANDO AMADO-MATEUS, P.E. LICENSE NUMBER: 76201 ROAD NO. COUNTY FINANCIAL PROJECT ID TRACE CONSULTANTS, INC. 8900 SW 117 AVENUE , SUITE 105B MIAMI, FL 33186 10 SR A1A PALM BEACH

LIGHTING DATA TABLE

447663-1-52-01

SHEET NO.





ROAD NO.

SR A1A

COUNTY

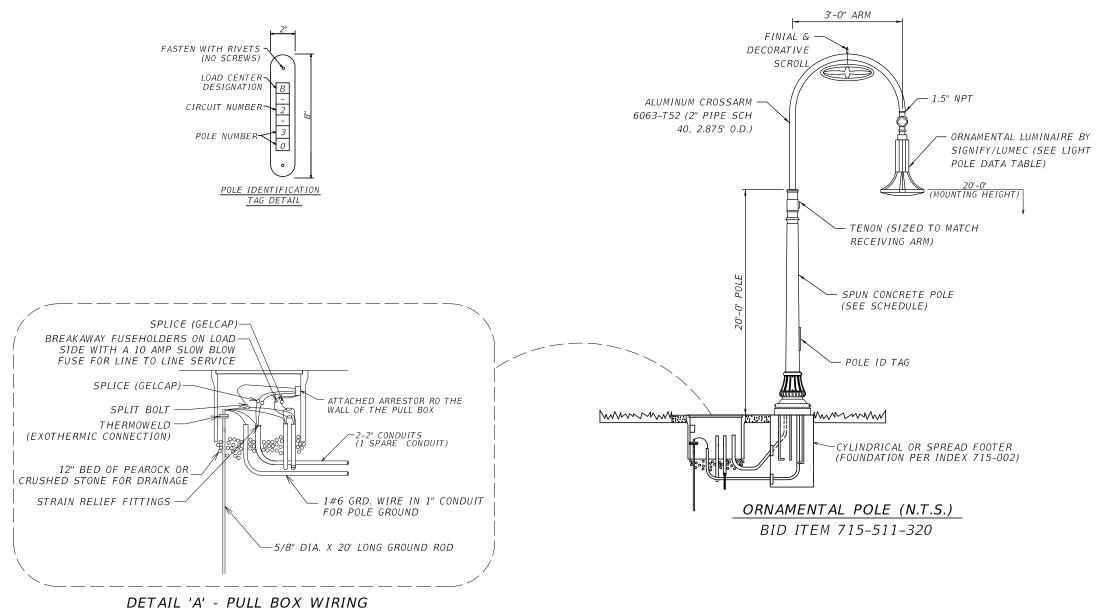
PALM BEACH

FINANCIAL PROJECT ID

447663-1-52-01

LIGHTING PLAN

NO.



ORNAMENTAL POLE SCHEDULE

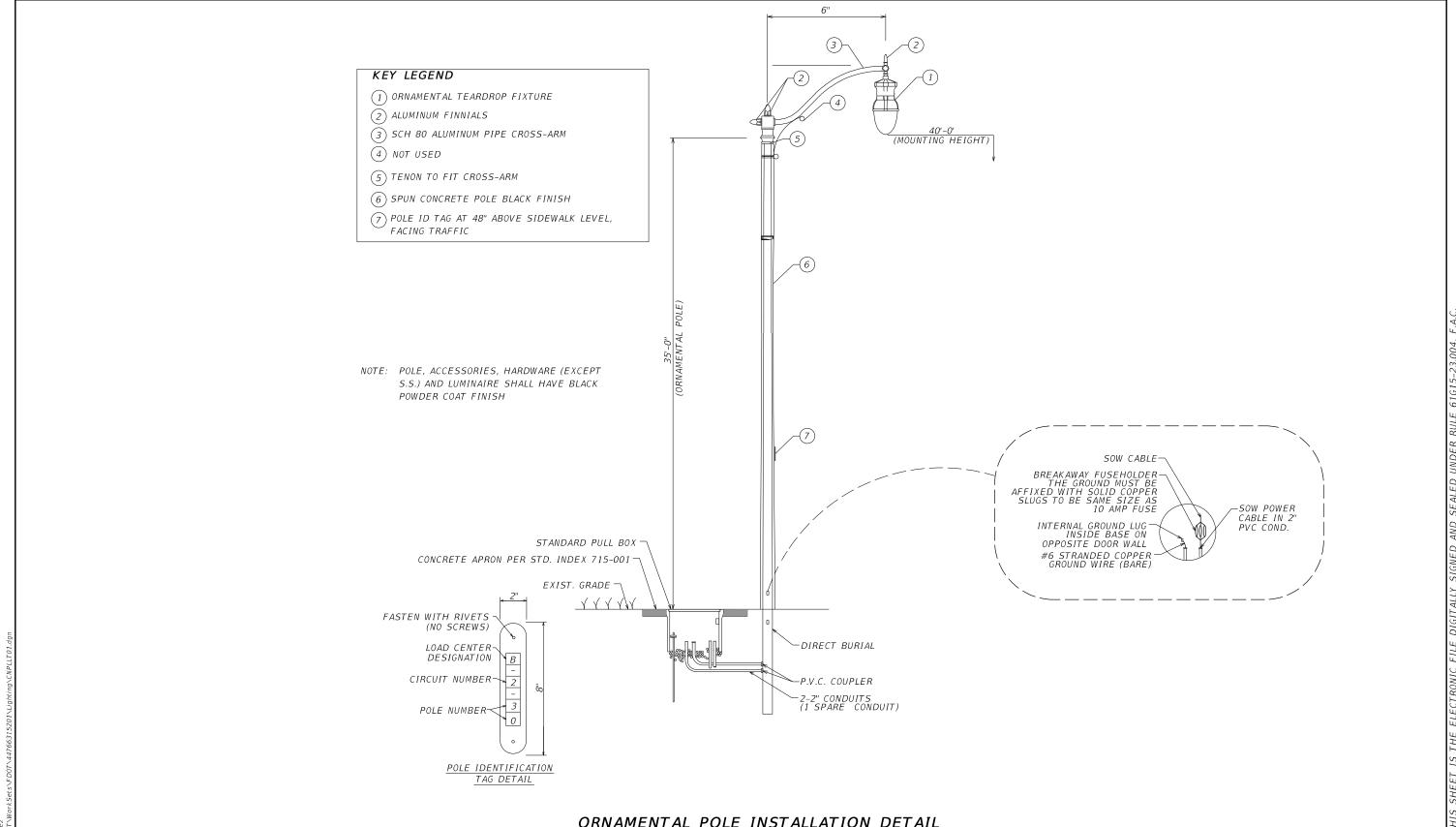
ELEMENT	MANUFACTURER	REFERENCE NO.	DIMENSIONS	COLOR
ALUMINUM CROSS-ARM - ROADWAY LIGHTING	ARTEC MANUFACTURING	LAKE WORTH ARM (VX-WPB-ASSE-GN4TX)	3'x3' ARM	GN4TX GREEN
SPUN CONCRETE POLE (FLUTED)	AMERON	VEF06.1 SPL W/TENON ASSEMBLY	20'-0' HT	PINE GREEN

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)

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0.10	REVISIONS		REVISIONS ENGINEER OF RECORD STATE OF FLORIDA				CORIDA		SHEET	7,	
ct.	DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E.	DEPARTMENT OF TRANSPORTATION					7.
nne					LICENSE NUMBER: 76201					NO.)/:
ς Σ					TRACE CONSULTANTS, INC.	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	POLE DETAILS		⊣ <u>⊬</u>
Z:\FD0					8900 SW 117 AVENUE , SUITE 105B MIAMI, FL 33186 13	SR AIA	PALM BEACH	447663-1-52-01		L-6	тне о



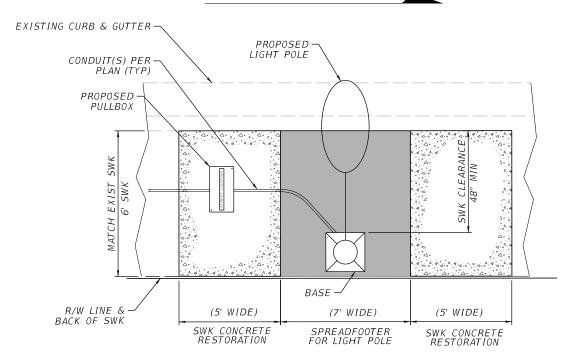
ORNAMENTAL POLE INSTALLATION DETAIL

* POLES BY FPL

ORNAMENTAL POLE DETAILS (2 OF 2)

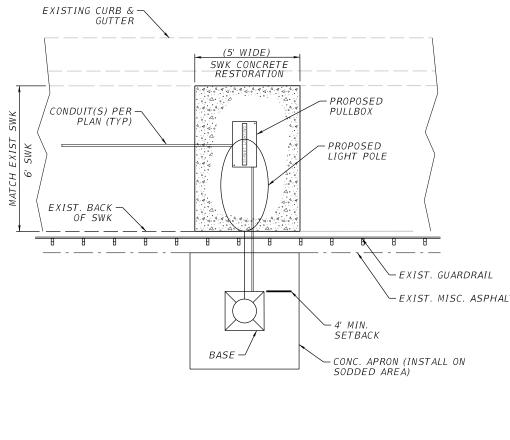
3 L										
0.10			REVISIONS		ENGINEER OF RECORD		STATE OF F	LORIDA		SHEET
nect 1	DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E.	DEPA	ARTMENT OF TRAI	-		NO.
rcon					LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC.	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	POLE DETAILS	
Z:\FD0					8900 SW 117 AVENUE, SUITE 105B MIAMI, FL 33186 14	SR A1A	PALM BEACH	447663-1-52-01		L-7

DIRECTION OF TRAFFIC



DETAIL 'A' - POLE LP-LWB03

DIRECTION OF TRAFFIC



R/W LINE -

DETAIL 'B' - POLE LP-LWB04

LIGHT POLE AND SITE RESTORATION DETAILS

Ś									
	REVI	ENGINEER OF RECORD	STATE OF FLORIDA				SHEET		
DATE	DESCRIPTION	DATE	DESCRIPTION	FERNANDO AMADO-MATEUS, P.E.	DEPARTMENT OF TRANSPORTATION				NO.
		LICENSE NUMBER: 76201		LICENSE NUMBER: 76201 TRACE CONSULTANTS, INC.	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	POLE DETAILS	
7				8900 SW 117 AVENUE , SUITE 105B MIAMI, FL 33186 15	SR A1A	PALM BEACH	447663-1-52-01		L-8

SERVICE POINT DATA TABLE

SERVICE	ENCLOSURE SIZE & SERVICE COND.	ARTERIAL	ROADWAY	FROM	ТО	LOCATION	CIRCUIT	CONDUCTORS	BREAKER SIZE	EXISTING CONNECTED LOAD ©	PROPOSED CONNECTED LOAD (C)	MAINTAINING AGENCY
	100 A MCB, 120/240V, SINGLE PHASE, 3 WIRE SERVICE FEEDER, 2-60 AMP CONTACTORS SIZE.	SR-A1A	A 86050	Southbound of SR 802	Northbound of SR 802	SR AIA / N OCEAN BLVD NORTHWEST CORNER AT 50 FT LT OF STA. 124+85.00 C/ L SR AIA.	A-I	3-#4	2-30 AMPS	14.8	8.5	CITY OF LAKE WORTH BEACH
EXIST. CITY OF LAKE WORTH SERVICE POINT (TO REMAIN)							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, 1Ф, 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 18,120 VA TOTAL =DEMAND LOAD = 38 A

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

LOAD CENTER DETAILS

SHEET NO.