S.R. No.: 5

# STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA)

### WITNESSETH:

**WHEREAS**, the **DEPARTMENT** has jurisdiction over State Road (S.R.) 5 beginning from Mile Post (M.P.) 0.773 to 1.619 and at M.P. 1.695 to M.P. 2.071, and

WHEREAS, the DEPARTMENT seeks to install and have maintained by the AGENCY certain highway IMPROVEMENTS; and

**WHEREAS**, as part of the continual updating of the State of Florida Highway System, the **DEPARTMENT**, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain SR 5 beginning from M.P. 0.773 to M.P. 2.071 (within the limits of the **AGENCY**); and

WHEREAS, it is the intent of the AGENCY and the DEPARTMENT that the AGENCY shall maintain the specific elements constructed under Project Number 446173-1-52-01 to include decorative lighting; hereinafter called IMPROVEMENTS installed along SR 5 M.P. 0.773 to M.P. 2.071; and

WHEREAS, the Project involves the scope of work as described within Exhibit A (Project Location, Description and Aerial) and Exhibit B (Construction Plans), which will benefit the AGENCY; and

WHEREAS the parties hereto mutually recognize the need for entering into an AGREEMENT designation and setting forth the responsibilities of each party; and

WHEREAS the AGENCY by Resolution Number 18-2023 entered this date 06/09/2023, attached hereto and by this reference made a part hereof, desires to enter into this AGREEMENT and authorizes its officers to do so;

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

#### 1. RECITALS

The recitals set forth above are true and correct and are deemed incorporated herein.

## 2. INSTALLATION OF FACILITIES

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A. The **DEPARTMENT** has issued Project Number **446173-1-52-01** to construct the **IMPROVEMENTS** as detailed in **Exhibit A** and **Exhibit B** that will benefit the **AGENCY**.

- B. The **IMPROVEMENTS** shall comply with the laws and regulations relating to the Americans with Disabilities Act of 1990, as currently enacted or as may be amended from time to time ("ADA"). If there are any major changes to the plan(s), the **DEPARTMENT** shall provide the modified plan(s) to the **AGENCY** and the **AGENCY** shall provide their approval or disapproval to the **DEPARTMENT** within ten (10) business days. The **DEPARTMENT** may elect to withdraw the **IMPROVEMENTS** if changes are not approved within the given time frame.
- C. The **AGENCY** shall coordinate with FWC and FDEP to meet the specific lighting requirements for sea turtle nesting beaches as needed.

D.

E. The **AGENCY** shall be invited to assist the **DEPARTMENT** in final inspection before acceptance of the job by the **DEPARTMENT**.

The **AGENCY** must maintain the **IMPROVEMENTS** associated within the limits of the project.

#### 3. MAINTENANCE OF FACILITIES

A. The **AGENCY** agrees to maintain the **IMPROVEMENTS** to be installed under Project Number **446173-1-52-01** within the limits of construction. Maintenance by the **AGENCY** will include but not limited to inspection, repair, restoration, replacement, coating and general maintenance of all decorative or non-standard features within the limits of construction. This includes Project Number **446173-1-52-01** for decorative light poles, installed along SR 5, from M.P. 0.773 to M.P. 2.071

This maintenance provision will apply to all existing decorative or non-standard lights already installed within the limits of the **AGENCY**.

- 1) The **AGENCY** agrees to maintain, at its sole cost and expense, the **IMPROVEMENTS** set forth in **Exhibit A** in compliance with any and all applicable laws which shall include, but not be limited to, laws and regulations relating to the Americans with Disabilities Act ("ADA") of 1990, as currently enacted or as may be amended from time to time.
- 2) The **IMPROVEMENTS** shall be kept clean and free from trash and debris. The **IMPROVEMENTS** shall be kept free of graffiti. The **IMPROVEMENTS** shall be free of pests such as stinging insects, rodents, and vermin, including removal of nests as needed.

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3) As part of the maintenance responsibility, the **AGENCY** shall keep in good repair and replace, defective or worn-out parts of the **IMPROVEMENTS**. The **AGENCY**'s responsibility to keep the **IMPROVEMENTS** in good repair shall include all necessary inspection, maintenance, repair and replacement of any type or nature, including, but not limited to, maintenance, repair, coating replacement, and replacement due to normal wear and tear, named storm event, acts of God, vandalism, and accidents. The **AGENCY** shall take all necessary steps to maintain the **IMPROVEMENTS** in a manner to protect against injury to any person or property.

- The **AGENCY** shall perform all activities necessary to keep the **IMPROVEMENTS** fully operating, properly functioning, with a minimum of 90% of the lights burning for any lighting type or roadway system at all times in accordance with the original design thereof, whether necessitated by normal wear and tear, accidental or intentional damage, or acts of nature. Said maintenance shall include, but shall not be limited to, providing electrical power, and paying all charges associated therewith, routine inspection and testing, preventative maintenance, emergency maintenance, replacement of any component parts of the **IMPROVEMENTS** (including the poles and all other component parts installed as part of the **IMPROVEMENTS**), and locating (both vertically and horizontally) the **IMPROVEMENTS**, as may be necessary.
- 5) The above-named functions to be performed by the **AGENCY** may be subject to periodic inspections by the **DEPARTMENT** at the discretion of the **DEPARTMENT**. Such inspection findings will be shared with the **AGENCY** and shall be the basis of all decisions regarding, reworking relating to the maintenance obligation I function or **AGREEMENT** termination.
- 6) The **AGENCY** shall be solely responsible for any damages to surrounding property, real estate, vehicles, pedestrians, or other assets occurring as a result of maintenance and operation of the **IMPROVEMENTS** and shall repair such damage to the satisfaction of the **DEPARTMENT** at no expense to the **DEPARTMENT**, as per the requirements in **Exhibit C (Maintenance Plan Requirements).**
- 7) The AGENCY shall be responsible to maintain the light pole structures, attachments and electrical components. The AGENCY shall replace the structure if destroyed in an accident by third parties. The DEPARTMENT expressly assigns its rights, interests and privileges pertaining to said IMPROVEMENTS' damage to the AGENCY, so AGENCY can pursue all claims and causes of actions against the third parties responsible for the damage. The DEPARTMENT will assist the AGENCY as necessary and will confirm AGENCY'S authorization to pursue recovery. The AGENCY will be responsible for all attorneys' fees and costs incurred in its recovery activities. The AGENCY shall not file suit in the name of the DEPARTMENT.
- B. After the **DEPARTMENT's** installation of the **IMPROVEMENTS**, the **AGENCY** shall be responsible for maintaining the **IMPROVEMENTS** consistent with all ADA Laws existing and as amended and shall indemnify the **DEPARTMENT** for any and all costs or expenses incurred by the **DEPARTMENT** for the **AGENCY's** failure to maintain the

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**IMPROVEMENTS** in compliance with all ADA Laws existing and as amended. Costs and expenses shall include the costs to maintain the **IMPROVEMENTS** in compliance with all ADA Laws existing and as amended, attorney's fees and costs and any judgments. The foregoing indemnification shall not be construed as an indemnification for the **DEPARTMENT's** failure to install the **IMPROVEMENTS** in compliance with all ADA Laws existing at the time of installation.

- Adjacent sidewalk areas shall be accessible at all times during the AGENCY's maintenance of the IMPROVEMENTS. If sidewalk closures are needed, alternate routes shall be clearly identified, and missing sidewalk shall be restored either with permanent or temporary materials at the end of each workday.
- 2) Nothing in this **AGREEMENT** should be interpreted or construed as a waiver of the **AGENCY's** or **DEPARTMENT's** rights to sovereign immunity or as an agreement to be sued by a third party. Further, there are no third-party beneficiaries to this **AGREEMENT**.
- C. All IMPROVEMENTS shall at all times have a notification sign posted with the name and phone number of the DEPARTMENT within the AGENCY responsible for maintenance of the IMPROVEMENTS so that members of the public may contact AGENCY regarding problems with the IMPROVEMENTS. The AGENCY shall promptly respond and correct all complaints regarding maintenance. The IMPROVEMENTS to be constructed with this project shall not contain advertising. Nor shall advertising be placed upon them by any party in the future.
- D. It is understood and agreed by the parties that upon "final acceptance" (as that term is described in the Standard Specifications for Roadway and Bridge Construction, as amended by contract documents section 5-11) by the **DEPARTMENT** of the Project and Notice thereof to the **AGENCY**, the **AGENCY** shall be responsible for maintenance of the Project in accordance with the following Federally and State accepted standards (current editions at the time of execution of this **AGREEMENT** and any amendments hereafter) and all costs related thereto: (a) FDOT Design Manual (FDM), (b) Florida Green Book, (c) Standard Specifications for Roadway and Bridge Construction, (d) FDOT Standard Plans for Roadway Construction, (e) Manual on Uniform Traffic Control Devices (MUTCD), and (f) all other applicable local, state, or federal laws, rules, resolutions, or ordinances, and FDOT procedures. In the event of a conflict between documents, standards, and procedures the more stringent shall apply.
- E. Any work impacting traffic flow along SR 5 must be coordinated with the **DEPARTMENT**. Lane closures must be submitted for approval in accordance with **DEPARTMENT** procedures and policies and will meet the goals established in the **DEPARTMENT's** Open Roads Policy.

#### 4. NOTICE OF MAINTENANCE DEFICIENCIES

A. If, at any time while the terms of this **AGREEMENT** are in effect, it shall come to the attention of the **DEPARTMENT** that the **AGENCY's** responsibility as established herein

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or a part thereof is not being properly accomplished pursuant to the terms of this AGREEMENT, the DEPARTMENT may issue a written notice, that a deficiency or deficiencies exist(s), by sending a certified letter to the AGENCY, in care of the CITY OF LAKE WORTH BEACH, CITY MAYOR, to place the AGENCY on notice regarding its maintenance deficiencies. Thereafter, the AGENCY shall have a period of sixty (60) days within which to correct the citied deficiency or deficiencies. It said deficiencies are not corrected within the time period, the DEPARTMENT may, at its option, proceed under one or more or a combination of the following items:

- The **DEPARTMENT** may repair any item or a number of items. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment, and personnel. The actual cost for such work will be charged to the **AGENCY**.
- 2) The **DEPARTMENT** may remove or replace any item or number of items with the standard **DEPARTMENT** item. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment, and personnel. The actual cost for such work will be charged to the **AGENCY**.
- 3) If there is no standard equivalent item or if in the **DEPARTMENT's** discretion the item is not necessary for the operations of the roadway, the **DEPARTMENT** may remove the item in its entirety and restore the area to a condition acceptable to the **DEPARTMENT**. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment, and personnel. The actual cost for such work will be charged to the **AGENCY**.
- 4) At the discretion of the **DEPARTMENT**, terminate the **AGREEMENT** in accordance with Paragraph 7 of this **AGREEMENT** and remove, by the **DEPARTMENT** or its Contractor's personnel, all the **IMPROVEMENTS** installed under this **AGREEMENT** and charge the **AGENCY** the reasonable cost of such removal.

#### 5. FUTURE DEPARTMENT IMPROVEMENTS

It is understood between the parties hereto that the **IMPROVEMENTS** covered by this **AGREEMENT** may be removed, relocated, or adjusted at any time in the future as determined to be necessary by the **DEPARTMENT** in order that the adjacent state road be widened, altered, or otherwise changed to meet with future criteria or planning of the **DEPARTMENT**.

#### 6. FUTURE AGENCY IMPROVEMENTS

The **AGENCY** may construct additional **IMPROVEMENTS** within the limits of the rights of ways identified as a result of this document subject to the following conditions:

1) Plans for any new **IMPROVEMENTS** shall be subject to approval by the **DEPARTMENT**. The **AGENCY** shall not change or deviate from said plans without written approval by the **DEPARTMENT**.

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2) The **AGENCY** shall procure a permit and/ or Construction **AGREEMENT** from the **DEPARTMENT**, as appropriate.

- 3) All **IMPROVEMENTS** shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- 4) The **AGENCY** agrees to comply with the requirements of this **AGREEMENT** regarding any additional **IMPROVEMENTS** installed at no cost to the **DEPARTMENT**.

#### 7. AGREEMENT TERMINATION

This **AGREEMENT** may be terminated under anyone (1) of the following conditions:

- By the **DEPARTMENT**, if the **AGENCY** fails to perform its duties under this **AGREEMENT**, following ten (10) days written notice. The **AGENCY** shall reimburse the **DEPARTMENT** for any expenditures for the installation of said **IMPROVEMENTS** and the cost to remove and or replace said improvement with the standard improvement or remove in its entirety.
- 2) By the **DEPARTMENT**, for refusal by the **AGENCY** to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the **AGENCY** in conjunction with this **AGREEMENT**.
- 3) By the **DEPARTMENT** with a six (6) month written notice.

#### 8. AGREEMENT TERM

The term of this **AGREEMENT** commences upon execution by all parties. The term of this **AGREEMENT** shall remain in effect for as long as the **IMPROVEMENTS** shall exist.

#### 9. LIABILITY AND INSURANCE REQUIREMENTS

- A. With respect to any of the AGENCY'S agents, consultants, sub-consultants, contractors, and/or sub-contractors, such party in any contract for the IMPROVEMENTS shall agree to indemnify, defend, save and hold harmless the DEPARTMENT from all claims, demands, liabilities, and suits of any nature arising out of, because of or due to any intentional and/or negligent act or occurrence, omission or commission of such agents, consultants, sub consultants, contractors and/or subcontractors. The AGENCY shall provide to the DEPARTMENT written evidence of the foregoing upon the request of the DEPARTMENT. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the DEPARTMENT for its own negligence.
- B. In the event that **AGENCY** contracts with a third party to provide the services set forth herein, any contract with such third party shall include the following provisions:

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1) **AGENCY'S** contractor shall at all times during the term of this **AGREEMENT** keep and maintain in full force and effect, at contractor's sole cost and expense, Comprehensive General Liability with minimum limits of \$1,000,000.00 per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability and Worker's Compensation insurance with minimum limits of \$500,000.00 per Liability. Coverage must be afforded on a form no more restrictive that the latest edition of the Comprehensive General Liability and Worker's Compensation policy without restrictive endorsements, as filed by the Insurance Services Office and shall name the **DEPARTMENT** as an additional insured.

- AGENCY'S contractor shall furnish AGENCY with Certificates of Insurance of Endorsements evidencing the insurance coverages specified herein prior to the beginning performance of work under this AGREEMENT.
- 3) Coverage is not to cease and is to remain in full force and effect (subject to cancellation notice) until all performance required of **AGENCY'S** contractor is completed. All policies must be endorsed to provide the **DEPARTMENT** with at least thirty (30) days' notice of cancellation and or/or restriction. If any of the insurance coverages will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

#### 10. E-VERIFY REQUIREMENTS

#### The **AGENCY** shall:

- 1) Utilize the U.S. DEPARTMENT of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the **AGENCY** for the work performed under this **AGREEMENT**; and
- 2) Expressly require any contractors 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.

#### 11. ENTIRE AGREEMENT

This writing embodies the entire Agreement and understanding between the parties hereto and there are no other Agreements and understanding, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby except the Local Funded Agreement(s) and State Highway Lighting Maintenance and Compensation Agreement(s) BD648 signed between the parties, as amended, as to all other IMPROVEMENTS not specifically mentioned in this Agreement. The streetlights installed under this project will be compensated as streetlights under the State Highway Lighting Maintenance and Compensation Agreement. If the DEPARTMENT and AGENCY fail to agree on the annual lump sum amount to be paid under the State Highway Lighting Maintenance and Compensation Agreement, this Agreement shall

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supersede that Agreement and the **AGENCY** agrees to maintain the lights solely under this Agreement.

#### 12. EXPENDITURE OF MONEY

The **DEPARTMENT**, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The **DEPARTMENT** shall require a statement from the Comptroller of the **DEPARTMENT** that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one (1) year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the **DEPARTMENT** which are for an amount in excess of TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

#### 13. DISPUTES

The **DEPARTMENT'S** District Secretary shall decide all questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this **AGREEMENT**, the prosecution or fulfillment of the service hereunder and the character, quality, amount and value thereof; and his decision upon all claims, questions and disputes shall be final and conclusive upon the parties hereto.

#### 14. ASSIGNMENT

This **AGREEMENT** may not be assigned or transferred by the **AGENCY** in whole or part without the consent of the **DEPARTMENT**.

#### 15. LAWS GOVERNING

This **AGREEMENT** shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the contract and Florida law, the laws of Florida shall prevail. Venue with respect to judicial proceedings arising out of this **AGREEMENT** shall be in Broward County, Florida.

### 16. NOTICES

All notices given or required under this **AGREEMENT** shall be in writing and either personally delivered with receipt acknowledgement or sent by certified mail, return receipt requested. All notices shall be sent to the following addresses.

#### If to the **DEPARTMENT**:

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State of Florida Department of Transportation Attention: District Maintenance Engineer 3400 West Commercial Blvd Ft. Lauderdale, FL 33309-3421If to the

### AGENCY:

City of Lake Worth Beach 7 North Dixie Highway Lake Worth Beach FL, 33460 Attention: City Mayor

### **17. LIST OF EXHIBITS**

Exhibit A: Project Location, Description and Aerial

Exhibit B: Lighting Plans

Exhibit C: Maintenance Plan Requirements

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

AGENCY:		
City Of Lake Worth Beach Corporation of the State of Florida:		
ewy er, ery By:	Date:	6/15/2023
<sub>f</sub> Gity Manager / Mayor		
Print Name:		
ATTECT:		
ATTEST:		
Melissa Ann Coyne, CMC		6/15/2022
By:	Date:	6/15/2023
Melissa Unn Coyne, (MC By: Clerk Melissa Ann Coyne, CMC	•	
Print Name:	<u>-</u>	
Approved as to Form:		
By: Christy Goddiau	Date:	6/15/2023
City Attorney		
Christy Goddeau Print Name:	_	

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**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: 

| Paul Lamply | Papperson | Papper

Print Name: Paul A. Lampley

06/16/2023 | 8:55 AM EDT Date:

Approval as to Form:

Sign: Francine Stellman

**Assistant District General Counsel** 

Print Name: \_\_\_\_\_

06/15/2023 | 4:49 PM EDT

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#### **EXHIBIT A**

# PROJECT LOCATION, DESCRIPTION AND AERIAL

### I. Location:

The **IMPROVEMENTS** associated with this **AGREEMENT** are located in the City of Lake Worth Beach, in Palm Beach, Florida along State Road 5, section 93020000, beginning M.P. 0.773 to M.P. 2.071.

# II. Description of Work:

Project Number **446173-1-52-01** to include decorative light. It will be the responsibility of the **AGENCY** to maintain the **IMPROVEMENTS** described in this **AGREEMENT**.

### III. Aerial



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# **EXHIBIT B**

# **LIGHTING PLANS**

Lighting Plans prepared by Juan S. Calderon, P.E., dated January 1<sup>st</sup>, 2023, as approved by the **DEPARTMENT**.

# LIGHTING PLANS (attached)

Sheets Included:

PDF Page Number (#)	Plan Sheet (#)	Sheet(s) Description
14 15 16-20 21 22	L-1 L-2 L-3 thru L-7 L-8 L-9	KEY SHEET LIGHTING DATA TABLE AND LEGEND LIGHTING PLAN SPECIAL DETAILS SERVICE POINT DETAILS

[The remainder of this page intentionally left blank.]

SHEET NO.

L-3 - L-7

L - 1

L - 2

L - 8 L - 9

INDEX OF LIGHTING PLANS

SHEET DESCRIPTION

LIGHTING PLANS

SPECIAL DETAILS

SERVICE POINT DETAILS

LIGHTING DATA TABLE AND LEGEND

KEY SHEET

# STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

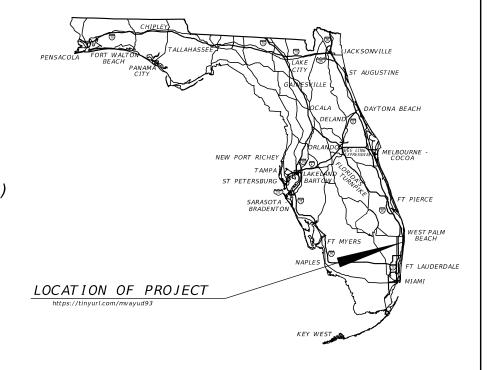
# CONTRACT PLANS

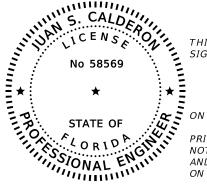
FINANCIAL PROJECT ID 446173-1-52-01

PALM BEACH PALM BEACH COUNTY (93020000)

STATE ROAD NO.5 (N FEDERAL HWY) SR 5 FROM SOUTH OF 10TH AVE SOUTH TO 6TH AVE NORTH

# LIGHTING PLANS





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 THE ELECTRONIC COPIES.

# LIGHTING PLANS ENGINEER OF RECORD:

JUAN S. CALDERON, P.E., PTOE. NO.: 58569 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FL 33172 (786) 456-7700 CONTRACT NO.: CA739 VENDOR NO.: 27-4564005

#### FDOT PROJECT MANAGER:

LESLIE WETHERELL, P.E.

CONSTRUCTION	FISCAL	SHEET
CONTRACT NO.	YEAR	NO.
Т0000	24	L-1

#### LIGHTING DATA TABLE

POLE NO.	CIRCUIT	STATION	OFFSET	SIDE	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	NUMBER OF LUMINAIRES	ARM CONFIGURATION	FOUNDATION	POLE DETAILS	PAY ITEM
1	EXIST. B-I	72+71.24	33.33	LT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
2	EXIST. B-I	72+71.51	42.57	RT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
3	EXIST. B-II	81+13.27	48.76	LT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
4	EXIST. B-II	81+50.76	44.46	RT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
5	EXIST. C-II	114+49.92	24.29	RT		80	16	1	POST TOP	EXIST.	RETROFIT	715-11-213
6	EXIST. C-I	114+87.31	26.24	LT		80	16	1	POST TOP	EXIST.	RETROFIT	715-11-213
7	EXIST. C-I	114+97.71	42.94	RT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
8	EXIST. C-I	115+34.65	55.56	LT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
9	EXIST. D-1	115+49.29	26.80	LT	3	80	20	1	PENDANT	EXIST.	RETROFIT	715-11-216
10	EXIST. D-1	119+05.52	24.13	LT	3	80	20	1	PENDANT	EXIST.	RETROFIT	715-11-216
11	EXIST. D-1	119+37.38	52.93	LT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
12	EXIST. D-1	119+75.48	50.28	RT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
13	EXIST. D-1	119+94.03	23.87	LT	3	80	20	1	PENDANT	EXIST.	RETROFIT	715-11-216
14	EXIST. D-1	123+77.77	40.10	RT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315
15	EXIST. D-1	124+15.48	40.48	LT		80	16	1	POST TOP	SPECIAL	CONCRETE	715-511-315

# NOTES:

- 1. REFER TO ROADWAY COMPONENT SET FOR GENERAL NOTES.
- 2. THE MAINTAINING AGENCY IS LAKE WORTH BEACH ELECTRIC UTILITIES.
- 3. THE CONTRACTOR TO UTILIZE EQUIPTMENT CAPABLE OF CONSTRUCTING THE AUGER AND INSTALLING THE LIGHTING POLES UNDER THE POWER/UTILITY LINES.

# SIGNALIZED - UNSIGNALIZED AND AND RETROFIT DESIGN CRITERIA

AVERAGE INITIAL INTENSITY (H.F.C.)

AVERAGE INITIAL INTENSITY 1.5 (STD.) IN CROSSWALK FOR THRU 1.0 (MIN.) APPROACH MOVEMENT (V.F.C)

ILLUMINATION UNIFORMITY RATIOS-

MAX./MIN. 10:1 Or Less

WIND SPEED: 170 MPH

#### LEGEND

#### SYMBOLS

#### DESCRIPTION

- ® PROPOSED 80 WATT LIGHTING POST TOP MOUNTED LED LUMINAIRE WITH TYPE IV SHORT IES DISTRIBUTION. USE SESCO LIGHTING METROSCAPE LED POST-TOP LUMINAIRE FIXTURE MPTR-80W48LED3K-G3-LE4S-UNV-DMG-MA2-PH9-RCD7-GN4TX, MAXIMUM CANDELA= 4466.39 AT 45 H 67V, DESIGNED FOR 8299 INITIAL LUMENS. 240V, 7-PIN RECEPTACLE FOR PHOTOELECTRIC CELL. ALSO, USE AMERON DECORATIVE STREET LIGHTING POLE (VEF06.ISPL), AS APPROVED BY THE CITY OF LAKE WORTH BEACH.
- ® EXISTING POST TOP MOUNTED TO BE RETROFITTED WITH 80W LED LUMINAIRE WITH TYPE IV SHORT IES DISTRIBUTION. USE SESCO LIGHTING METROSCAPE LED POST TOP LUMINAIRE FIXTURE MPTR-80W48LED3K-G3-LE2S-UNV-DMG-MA2-PH9-RCD7-GN4TX, MAXIMUM CANDELA= 5352.09 AT 67.5 H 66V DESIGNED FOR 8299 INITIAL LUMENS. 240V, 7-PIN RECEPTACLE FOR PHOTOELECTRIC CELL. AS APPROVED BY THE CITY OF LAKE WORTH BEACH.
- EXISTING POST TOP MOUNTED TO BE RETROFITTED WITH 80W LED LUMINAIRE WITH TYPE IV SHORT IES DISTRIBUTION. USE SESCO LIGHTING METROSCAPE LED POST-TOP LUMINAIRE FIXTURE MPTR-80W48LED3K-G3-LE4S-UNV-DMG-MA2-PH9-RCD7-GN4TX, MAXIMUM CANDELA= 4466.39 AT 45 H 67V, DESIGNED FOR 8299 INITIAL LUMENS. 240V, 7-PIN RECEPTACLE FOR PHOTOELECTRIC CELL. AS APPROVED BY THE CITY OF LAKE WORTH BEACH.
- ●→ EXISTING PENDANT MOUNTED TO BE RETROFITTED WITH 80W LED LUMINAIRE (PENDANT) WITH TYPE IV SHORT IES DISTRIBUTION. USE SESCO LIGHTING METROSCAPE LED PENDANT LUMINAIRE FIXTURE MSR-80W48LED3K-G3-LE4S-UNV-DMG-MA2-PH9-RCD7-GN4TX, MAXIMUM CANDELA= 4389.19 AT 45 H 70V, DESIGNED FOR 8152 INITIAL LUMENS. 240V, 7-PIN RECEPTACLE FOR PHOTOELECTRIC CELL. AS APPROVED BY THE CITY OF LAKE WORTH BEACH.
  - (A) EXISTING LIGHTING POLE AND LUMINAIRE (POST TOP MOUNT) TO REMAIN.

EXISTING LIGHTING POLE AND LUMINAIRE (PENDANT) TO REMAIN.

.2" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT DIRECTIONAL BORE. PROPOSED CONDUCTORS INSIDE CONDUIT TO BE RHW-2/RHH/XLP ONE BLACK INSULATION AND ONE WHITE INSULATION. RUN 1#6 GROUNDING CONDUCTOR WITH RHW-2 GREEN INSULATION INSIDE OF CONDUIT WITH OTHER CONDUCTORS.

PROPOSED LIGHTING PULL BOX.

EXISTING PULL BOX.

EXISTING SERVICE POINT.

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DATE	DESCRIPTION	DATE	DESCRIPTION	JUAN S. CALDERON, P.E. LICENSE NUMBER 58569	DEP	DEPARTMENT OF TRANSPORTATION		
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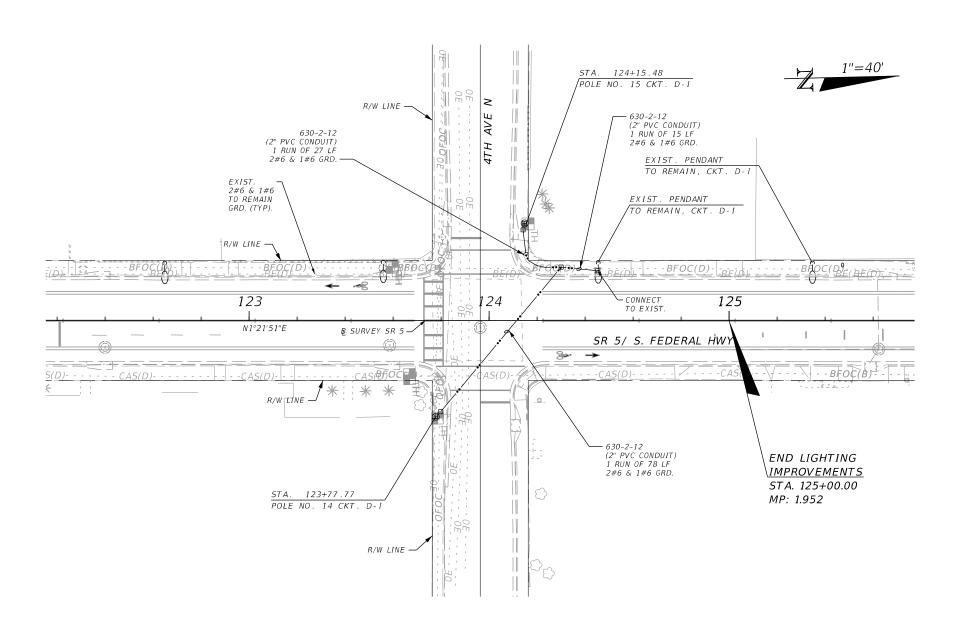
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REVISIONS ENGINEER OF RECORD STATE OF FLORIDA DESCRIPTION DATE DESCRIPTION DATE DEPARTMENT OF TRANSPORTATION JUAN S. CALDERON, P.E. LICENSE NUMBER: 58569 ROAD NO. COUNTY FINANCIAL PROJECT ID CALTRAN ENGINEERING GROUP 790 NW 107 AVE., SUITE 200 MIAMI, FL 33172 446173-1-52-01 SR 5 PALM BEACH 20

LIGHTING PLANS

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TRADITIONAL VICTORIAN II EMBEDDED FLUTED POLE

THE PROPERTY OF THE PROPERTY O						
POLE DESIGNATION	POLE HEIGHT ABOVE GRADE	SPECIAL EMBEDDED DEPTH	OVERALL POLE LENGTH	BELL DIA	ULTIMATE GROUND LINE MOMENT (ftlbs.)	POLE WEIGHT (Ibs.)
VEF04.6SPL	15'-0"	5'-3"	20'-3"	13"	15,000	755

"F" LEVEL POLE CONFIG CODES				
OPTION CLASS	ENTRY	INFO.		
COATING	Α			
HH COVER	66521E			
DRILL-IN MOD	MODP6			

"P" LEVEL POLE CONFIG CODES				
OPTION CLASS	ENTRY	INFO.		
MIX	41			
FINISH	3			
COLLAR	65825ED4	ROUND		
POLE TOP CONFIG.	MOD38			
ELEC. ACC.	MODCD			
SPL. POLE LG.	MODBX			
STRUCT. MOD.	MODDCI	NOTE 8		

QTY	SHIPPING ASSEMBLY 2301-021 BILL OF MATERIAL	
1	VEF04.6*413A-9	
1	40100EM4D4A - MOD. CAST ALUMINUM T6 TENON ASSEMBLY, 4" O.D. x 4" LG, (D4).	
1	45133ED4A - SINGLE BELL RECEPTACLE ASSEMBLY (D4).	

#### OTES:

- 1. MIX (413A): GREEN NATURAL, EXPOSED AGGREGATE FINISH, WITH ARCHITECTURAL GLOSS ACRYILIC COATING.
- 2. ASTM C-150 TYPE III GRAY CEMENT.
- 3. f'c @ 28 DAYS = 7,000 PSI, USING SPUN CYLINDER TEST.
- 4. f'c @ 28 DAYS = 5,000 PSI, USING ASTM C-31 CYLINDER TEST.
- 5. POLES MANUFACTURED PER ASTM C-1089-13 SPECIFICATIONS.
- 5. PROTECTIVE COAT EXPOSED P.C. WIRES AT POLE ENDS.
- 7. POLE IS FULLY PRESTRESSED WITH (8) 7mm ASTM A421 STEEL WIRES
- 8. MODDCI: CORROSION INHIBITOR MIX MODIFICATION.
- 9. THE POLE (& IMPLIED TENON TOP ASSEMBLY) DEPICTED ON THIS DRAWING IS DESIGNED TO WITHSTAND THE LOADS IMPARTED BY A SINGLE POST TOP FIXTURE (NOT TO EXCEED, 2.5 SQ FT EPA, 50 LBS) AS DESIGNED PER 2015 AASHTO LTS-1 USING 160 MPH WIND ZONE (3-SECOND GUSTS), CATEGORY II, NON-BUILDING STRUCTURE, EXPOSURE C, SURFACE ROUGHNESS C, SITE CLASS D, NO HILL NOR ESCARPMENT. THE POLE IS ALSO DESIGNED TO WITHSTAND (1) POST TOP FIXTURE & (1) 24" x 48" BANNER (NOT TO EXCEED 9.2 SQ. FT. EPA, 15 LBS) CENTERED NO HIGHER THAN 12'-0" ABOVE GRADE AS DESIGNED PER 2015 AASHTO LTS-1 USING A 120 MPH WIND ZONE (3-SECOND GUSTS), CATEGORY II, NON-BUILDING STRUCTURE, EXPOSURE C, SURFACE ROUGHNESS C, SITE CLASS D, NO HILL NOR ESCARPMENT. PLEASE CONTACT & ADVISE MANUFACTURER IF INTENDED LOADING EXCEEDS THESE VALUES.
- 10. MANUFACTURER SUGGESTS PLACING ALL BANNER PIECES OUT OF REACH OF PEDESTRIAN TO MINIMIZE LIKELIHOOD OF VANDALISM.
- 11. CONTRACTOR TO SUPPLY SIGNED AND SEALED WINDLOAD & EMBEDMENT CALCULATIONS THAT MEET OR EXCEED THE RECOMMENDATION.
- 12. THE RECOMMENDED AUGER HOLE DIAMETER IS 18".

## MATERIAL LIST

QTY	PART NUMBER	DESCRIPTION	ORG	NOTES
1	2301-021	SHIPPING ASSEMBLY	ANN	

**POST TOP** 

REVISIONS ENGINEER OF RECORD STATE OF FLORIDA SHEET DESCRIPTION DATE DESCRIPTION DATE JUAN S. CALDERON, P.E. DEPARTMENT OF TRANSPORTATION NO. LICENSE NUMBER 58569 SPECIAL DETAILS CALTRAN ENGINEERING GROUP ROAD NO. COUNTY FINANCIAL PROJECT ID 790 NW 107 AVE, SUITE 200 MIAMI, FLORIDA, 33172 L-8 SR 5 PALM BEACH 446173-1-52-01 21

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E, SUITE 200	790 NW 107 AVE, SUITE 200					
	MIAMI, FLORIDA, 33172					
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
SR 5	PALM BEACH	446173-1-52-01		

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County

S.R. No.: 5

#### **EXHIBIT C**

### MAINTENANCE PLAN REQUIREMENTS

In reference to Maintenance to be performed under this **AGREEMENT**, the **AGENCY** shall submit to the **DEPARTMENT** a maintenance plan detailing the means and methods for accomplishing any maintenance or repairs to the **IMPROVEMENTS** in accordance with all **DEPARTMENT** Standards, Procedures and Specifications. This plan shall be submitted and approved by the **DEPARTMENT** prior to commencing any maintenance or repair activities. The **AGENCY** shall comply with the **DEPARTMENT's** applicable Maintenance Rating Program Standards. The plan should at minimum detail how the **AGENCY** will address the following:

- Providing for continuous traffic control and necessary traffic control devices as required for the safe movement of traffic of vehicular and pedestrian traffic past the location of the structure being repaired for the duration of the repair in accordance with DEPARTMENT Standards, Procedures and Specifications.
- 2. Protection of adjacent surrounding property, real estate, vehicles, pedestrians, attachments to the light poles, or other assets during the preparation and recoating of surfaces.
- 3. Containment of debris or materials used in or resulting from the repair.

After the maintenance plan is approved, the **AGENCY** shall submit a work plan to the **DEPARTMENT** for approval prior to each repair to be performed detailing:

- 1. The proposed date of the repair
- 2. The location of the repair
- 3. The nature of the repair
- 4. The materials to be used for the repair
- 5. The methods to be used for the repair

RESOLUTION NO. 18-2023 OF THE CITY OF LAKE WORTH BEACH, FLORIDA, APPROVING THE MAINTENANCE MEMORANDUM OF AGREEMENT AND LOCAL FUNDING AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION FOR LIGHTING IMPROVEMENTS TO FEDERAL HIGHWAY; AND PROVIDING FOR REPEAL OF CONFLICTS AND AN EFFECTIVE DATE

**WHEREAS**, the City of Lake Worth, Florida ("City") is a duly constituted municipality having such power and authority conferred upon it by the Florida Constitution and Chapter 166, Florida Statutes;

WHEREAS, the Florida Department of Transportation (FDOT) has jurisdiction over State Road 5 (also known as Federal Highway) within the jurisdictional boundaries of the City; and

WHEREAS, FDOT seeks to install certain lighting improvements on Federal Highway (specifically from 10<sup>th</sup> Avenue South to 6<sup>th</sup> Avenue North) to include decorative lighting and to have the City maintain the improvements once installed; and

**WHEREAS**, FDOT is providing funding for most of the improvements being made to Federal Highway within the City; however, the City is required to provide local funding for the decorative improvements to match existing decorative improvements; and

WHEREAS, FDOT has proposed a Maintenance Memorandum of Agreement (MMOA) and Local Funding Agreement which provide the responsibilities of FDOT and the City with regards to the installation of the improvements, the funding of the improvements, and the City's maintenance of the improvements once installed; and,

**WHEREAS**, the improvements project detailed in the Local Funding Agreement is in the best interests of both the City and FDOT; and,

**WHEREAS**, the City Commission has determined that entering the MMOA and Local Funding Agreement with FDOT serves a valid public purpose.

NOW THEREFORE BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF LAKE WORTH BEACH, FLORIDA, that:

<u>Section 1</u>. The foregoing recitals are hereby incorporated into this Resolution as true and correct statements.

Section 2. The City Commission hereby approves the Maintenance Memorandum of Agreement and the Local Funding Agreement with FDOT for the decorative lighting improvements to be installed by FDOT and directs the Mayor and City Clerk to execute the same. A copy of this Resolution shall be provided to FDOT along with the executed agreements.

Pg. 2, Reso. 18-2023

<u>Section 3.</u> All resolutions or parts of resolutions are hereby repealed or amended to the extent that they are in conflict with this Resolution.

<u>Section 4.</u> This Resolution shall become effective immediately upon passage.

The passage of this resolution was moved by Commissioner Stokes, seconded by Commissioner Malega, and upon being put to a vote, the vote was as follows:

Mayor Betty Resch	. AYE
Vice Mayor Christopher McVoy	ABSENT
Commissioner Sarah Malega	AYE
Commissioner Kimberly Stokes	AYE
Commissioner Reinaldo Diaz	AYE

The Mayor thereupon declared this resolution duly passed and adopted on the 6<sup>th</sup> day of June, 2023.

LAKE WORTH BEACH CITY COMMISSION

By: / Betty Reson, Mayor

Melissa Ann Coyne, City Clerk



STATE OF FLORIDA	)
COUNTY OF PALM BEACH	) SS
CLEW OF LAKE WORTH REAC	н )
I hereby certify the foregoing of Resolution 18-20	to be a true and correct copy
V	
In Witness whereof, I have he	reunto set my hand and affixe

In Witness whereof, I have hereunto set my hand and affixed the official seal of the City of Lake Worth Beach, Florida

Dare

City Clerk

