RESOLUTION NO. 2024- 30

CITY OF POMPANO BEACH Broward County, Florida

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE A DISTRICT FOUR MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA) BETWEEN THE CITY OF POMPANO BEACH AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, FOR THE INSTALLATION OF SOLAR-POWERED IN-ROAD CROSSWALK LIGHTING ASSEMBLIES AND ASSOCIATED SPECIFIED EQUIPMENT WITHIN THE RIGHT-OF-WAY OF STATE ROAD A1A; PROVIDING AN EFFECTIVE DATE.

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA:

SECTION 1. That a MMOA between the City of Pompano Beach and the State of Florida Department of Transportation for the installation of solar-powered in-road crosswalk lighting assemblies within the right-of-way of State Road A1A, a copy of which Agreement is attached hereto and incorporated by reference as if set forth in full, is hereby approved.

SECTION 2. That the proper City officials are hereby authorized to execute said Agreement between the City of Pompano Beach and State of Florida Department of Transportation.

SECTION 3. This Resolution shall become effective upon passage.

PASSED AND ADOPTED this 14th day of November, 2023.

Pocusigned by:

Rex Hardin

502CB780EB3F480...

REX HARDIN, MAYOR

ATTEST:

Docusigned by:

Lemin Alfred

D1C913A8ED334CA...

KERVIN ALFRED, CITY CLERK

/jrm 10/24/23 1:reso/2024-31



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FLORIDA DEPARTMENT OF TRANSPORTATION - DISTRICT FOUR MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA)

WITNESSETH:

WHEREAS, the DEPARTMENT has jurisdiction over State Road (SR) A1A 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 A1A; and

WHEREAS, the AGENCY seeks to install and have maintained by the AGENCY certain highway and pedestrian IMPROVEMENTS, specifically solar-powered in-road midblock crosswalk lighting assemblies, including but not limited to batteries, components, control cabinets, poles and panels, within the right-of-way of State Road A1A as described within EXHIBIT A (Project Location, Description and Location Map), within the corporate limits of the AGENCY; and

WHEREAS, it is the intent of the AGENCY and the DEPARTMENT that the AGENCY shall construct, and the AGENCY shall maintain all existing and new solar-powered in-road midblock crosswalk lighting assemblies, including but not limited to batteries, components, control cabinets, poles and panels PERMIT NO. 2022-C-491-00010, along SR A1A from M.P. 9.890 to M.P. 12.025, as detailed in EXHIBIT A; and

WHEREAS, the Project involves the scope of work as described within EXHIBIT A, EXHIBIT B (Plans), which will benefit the AGENCY; and

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

WHEREAS the AGENCY by Resolution Number 2024-30 entered into this date 11/14/2023 , 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

A. The AGENCY shall construct, under Permit No. 2022-C-491-00010, the IMPROVEMENTS as detailed in EXHIBIT A and EXHIBIT B that will benefit the AGENCY. The AGENCY agrees to maintain the IMPROVEMENTS within the corporate limits of the AGENCY; and

- 1) All activities, including the **IMPROVEMENTS** installation and future maintenance operations performed on State highway right of way, must be in conformity with the most current edition of the *Manual on Uniform Traffic Control* (MUTCD) and FDOT *Traffic Control through Work Zones*.
- 2) The most current edition of *FDOT Standard Plans* (Sight Distance at Intersections) must be adhered to.
- 3) Lateral Offsets as specified in the *FDOT Plans Preparation Manual*, Volume 1, Chapters 2 and 4 must be adhered to.
- 4) **IMPROVEMENTS** shall not obstruct roadside signs or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-10.)
- 5) The **AGENCY** shall provide the local FDOT Operation Center, located at FDOT Operation Center located at Broward Operations, 5548 NW 9th Ave., Ft. Lauderdale, Florida 33309, (954) 776-4300, a twenty-four (24) hour telephone number and the name of a responsible person that the **DEPARTMENT** may contact. The **AGENCY** shall notify the local maintenance office forty-eight (48) hours prior to the start of the lighting **IMPROVEMENTS.**
- 6) If there is a need to restrict the normal flow of traffic, it shall be done on non-holiday, weekday off-peak hours (9 AM to 3 PM), and the party performing such work shall give notice to the local law enforcement agency within whose jurisdiction such road is located prior to commencing work on the IMPROVEMENTS. The DEPARTMENT'S Operation Center Public Information Officer (see telephone number in Paragraph 5 above) shall also be notified.
- 7) The **AGENCY shall** be responsible to clear all utilities within the improvement limits before construction commences.
- 8) The **AGENCY** shall be solely responsible for any damages to surrounding property, real estate, vehicles, pedestrians, or other assets occurring as a result of installation operations and shall repair such damage to the satisfaction of the **DEPARTMENT** at no expense to the **DEPARTMENT**.

3. MAINTENANCE OF FACILITIES

It is understood and agreed by the parties that upon completion of the project, the **AGENCY** shall be responsible for maintenance of the **IMPROVMENTS** in accordance with **DEPARTMENT** Procedures, Standards and Specification. In event of a conflict between documents, standards and procedures the more stringent may apply; Maintenance by the **AGENCY** will include inspection, repair, restoration, replacement, and general maintenance of all **IMPROVEMENTS** as described in **EXHIBIT B** within the limits of construction as detailed in **EXHIBIT A**. Maintenance shall be as indicated below and in accordance with **EXHIBIT C** (Maintenance Plan Requirements). Maintaince shall also include the following:

- 1) The AGENCY agrees to maintain, at its sole cost and expense, the IMPROVEMENTS set forth in Exhibit A and Exhibit B 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.
- 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, inspection, maintenance, repair, 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.
- 4) 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, routine inspection and testing, preventative maintenance, emergency maintenance, replacement of any component parts of 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 / 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).
- B. The **AGENCY** shall be responsible to maintain **IMPROVEMENTS** including but not limited to electrical components, solar panels and batteries. Batteries should be replaced every 10 years or when necessary. The **AGENCY** shall replace the structure if destroyed in an accident by third parties. The **AGENCY** shall comply with all ADA Laws existing and as may be amended. Adjacent sidewalk areas shall be always accessible. 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.

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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. 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, (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. If it becomes necessary to provide utilities (electricity) to these **IMPROVEMENTS**, all cost associated with the utilities, accent lighting and/or irrigation systems including but not limited to the impact and connection fees, and the on-going cost utility usage for electrical, are the maintaining **AGENCY's** responsibility.
 - 1) The **AGENCY** shall be directly responsible for impact connection fees

AND

- 2) The AGENCY shall become responsible for the above-named IMPROVEMENTS and ongoing utility costs upon final acceptance of the construction project by the DEPARTMENT and thereafter.
- F. Any work impacting traffic flow along SR A1A or adjacent roadways, 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 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 **TOWN OF SOUTH PALM BEACH MANAGER**, to place the **AGENCY** on notice regarding it's 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 Section 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:

- A. 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**.
- B. The **AGENCY** shall procure a permit and/or Construction Agreement from the **DEPARTMENT**, as appropriate.
- C. All **IMPROVEMENTS** shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- D. The **AGENCY** agrees to comply with the requirements of this Agreement with regard to any additional **IMPROVEMENTS** installed at no cost to the **DEPARTMENT**.

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7. AGREEMENT TERMINATION

This Agreement may be terminated under any one (1) of the following conditions:

- A. 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.
- B. 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.
- C. 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:
 - 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.

- 2) 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:

- 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 construction agreement **2022-C-491-00010** all other **IMPROVEMENTS** not specifically mentioned in 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

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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** 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. Should the **AGENCY** disagree with the **DEPARTMENT** decision, the **AGENCY** may pursue any and all legal and equitable remedies available under this agreement.

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. The venue for any dispute arising from this **AGREEMENT** shall be in Broward County, Florida.

16. NOTICES

Any and 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**:

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

If to the AGENCY:

City of Pompano Beach Attention: Municipal Services Director 100 West Atlantic Blvd, Pompano Beach, FL 33080

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17. LIST OF EXHIBITS

Exhibit A: Project Location, Description and Project Aerial

Exhibit B: Plans

Exhibit C: Maintenance Plan Requirements

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

AGENCY

City of Pompano Beach, a municipal Corporation of the State of Florida

By:	Docusigned by: Rex Hardin 502CB780EB3F480 City Mayor Rex Hardin	Date: 	November 15	, 2023	_
ATTEST:					
	Docusigned by: Lervin Alfred D1C913A8ED334CA City Clerk	Date:	November 15	5, 2023	- —— DocuSigned by:
Print name:	Kervin Alfred				Docudigited by.
Approved as	to form				EST 1933 X
	Docusigned by: Mark E. Burman 343B0B2C81D9424 City Attorney	Date _	November 15	, 2023	
Print name:	Mark E. Berman				

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

Date: _____11/29/2023 | 5:19 PM EST

Approval as to Form:

Sign: Francis Stulman

Francine Steelman, Assistant General Counsel

Date: ______

EXHIBIT A

PROJECT LOCATION, DESCRIPTION AND AERIAL

I. Project Location

The **IMPROVEMENTS** associated with this Agreement are within the **DEPARTMENT**'s right-of-way, within limits of the City of Pompano Beach, Florida, along SR A1A from M.P. 9.890 to M.P. 12.025

II. Description

Permit Number **2022-C-491-00010** to include the **IMPROVEMENTS** specifically solar-powered in-road midblock crosswalk lighting assemblies, including but not limited to batteries, components, control cabinets, poles and panels associated within the limits of this project.

III. Ariel



EXHIBIT B

PLANS

Plan prepared by Matthew B. Fursetzer P.E., dated June 8^{th} , 2023, as approved by the Department.

PLANS 2022-C-491-00010 (attached)

Sheets Included:

PDF Page Number (#)	Plan Sheet (#)	Sheet(s) Description
-		
14	S-1	COVER SHEET
15	S-2	TABULATION OF QUANTITIES
16	S-3	GENERAL NOTES
17-37	S4-S24	SIGNING AND PAVEMENT MARKING
		PLAN
38	S-25	
39	GS-1	GUIDE SIGN WORKSHEET

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CITY OF POMPANO BEACH

CONTRACT PLANS

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO. SHEET DESCRIPTION

S-1 KEY SHEET

S-2 TABULATION OF QUANTITIES

S-3 GENERAL NOTES

S-4 - S-24 SIGNING AND PAVEMENT MARKING PLAN

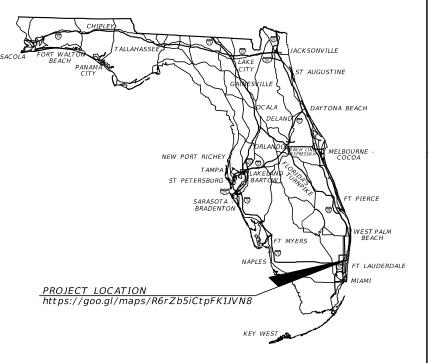
S-25 IN-ROAD LIGHTING DETAILS
GS-1 GUIDE SIGN WORKSHEET

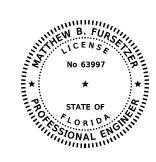
FDOT JPA PROJECT 447655-1-52-01 BROWARD COUNTY (86050)

SR A1A (S/N OCEAN BLVD.)
STREETSCAPE IMPROVEMENTS

FROM NORTH OF SR 814 (ATLANTIC BLVD.) TO NORTH OF BAY DRIVE

SIGNING AND PAVEMENT MARKING PLANS





THIS DOCUMENT 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.

KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FLORIDA 33411 VENDOR NUMBER: F560885615-001 REGISTRY NO. 35106

SIGNING & PAVEMENT MARKING PLANS ENGINEER OF RECORD:

MATTHEW B. FURSETZER, P.E.
P.E. NO.: 63997
KIMLEY-HORN AND ASSOCIATES, INC.
1920 WEKIVA WAY, SUITE 200
WEST PALM BEACH, FLORIDA 33411
VENDOR NUMBER: F560885615-001
REGISTRY NO. 35106

CITY OF POMPANO BEACH PROJECT MANAGER:

FERNAND THONY, P.E.

CONSTRUCTION	FISCAL	SHEET
CONTRACT NO.	YEAR	NO.
N/A	22	S-1

F38F	TABULATION OF QUANTITIES			
PAY ITEM NO.	DESCRIPTION	UNIT	PHASE 2	GRAND TOTAL
554-1-20	MIDBLOCK CROSSWALK: IN ROAD LIGHT ASSEMBLY, FURNISH & INSTALL	AS	9	
334 1 20	SOLAR POWERED, COMPLETE CROSSING	7.5	5	
700-1-11	SINGLE POST SIGN. F&I GROUND MOUNT, UP TO 12 SF	AS	25	
700-1-50	SINGLE POST SIGN, RELOCATE	AS	10	
700-1-60	SINGLE POST SIGN, REMOVE	AS	18	
	MULTI- POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1	
700-2-11	MOLIT- POST STON, FAT GROUND MOUNT, OF TO 12 SF	AS		
700-3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	12	
700-3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	12	
0700-15-1	IN-STREET SIGN, FURNISH AND INSTALL - FIXED BASE CONNECTION	AS	6	
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS		
7 10 90				
	RETRO-REFLECTIVE PAVEMENT MARKERS (Y/Y)	EA	1200	1
	RETRO-REFLECTIVE PAVEMENT MARKERS (W/R)	EA	250	
	RETRO-REFLECTIVE PAVEMENT MARKERS (B)	EA	60	
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1	
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	5370	~
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	4500	4
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE / 6-10 EXTENSTION, 6"	GM	0.038	0.
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	85	
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	90	
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	5	
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	306	
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	3	
0711 11 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	5370	
711 11 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	4500	4
711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION, 6"	GM	0.038	0.
711 11 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	85	
711 11 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	90	
711 11 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	306	
711 14 123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	4527	
711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	85	
711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	90	
711 16 131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1	
711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5	
711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5	
711 16 231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	3	

* THESE QUANTITIES ARE PAID UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE PAINT QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFCATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

	F	REVISIONS		MATTHEW B. FURSETZER, P.E.
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 63997
				KIMLEY-HORN AND ASSOCIATES, IN
				1920 WEKIVA WAY, SUITE 200
				WEST PALM BEACH, FLORIDA 3341
				REGISTRY NO. 35106

DocuSign Envelope ID: 2F6C03E9-332D-4593-9F11-93ED8EBEF38F

DEP.	STATE OF FL ARTMENT OF TRAN	ORUBIA
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR A1A	BROW ARD	N/A

TABULATION OF QUANTITIES

SHEET

SIUNINU AND PAVEMENT MAKKINU VENEKAL NUTĖS

- ALL SIGNS AND PAVEMENT MARKINGS INCLUDING TRAFFIC CONTROL DEVICES INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL ON UNIFORM TRAFFIC DEVICES" (MUTCD) (AND SUPPLEMENTS THERE TO), THE 2022-23 EDITION OF THE FDOT DESIGN STANDARDS AND THE JULY 2022 FDOT SPECIFICATIONS AND THE BROWARD COUNTY PAVEMENT MARKINGS AND SIGNS DETAILS.
- 2. THE CONTRACTOR SHALL REFURBISH ANY EXISTING PAVEMENT MARKINGS, BEYOND THE LIMITS OF ASPHALT CONSTRUCTION, DAMAGED DURING CONSTRUCTION. PAYMENT SHALL BE INCIDENTAL TO PAY ITEM FOR RELATED STRIPING TO TIE-IN NEW PAVEMENT MARKINGS AT THE BEGINNING AND END OF JOB AND ALL SIDE STREETS.
- 3. SIGNS SHALL BE BAGGED WHEN THEY DO NOT APPLY.
- 4. SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, LANDSCAPING, WHEELCHAIR RAMPS, ETC., MAY BE ADJUSTED BY THE ENGINEER IN ACCORDANCE WITH STANDARD INDEX No. 700-101.
- 5. ALL EXISTING SIGNS AND THEIR SUPPORTS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLAN SHEETS.
- 6. ALL STATIONING REFERENCE THE CENTERLINE OF CONSTRUCTION.
- 7. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF TRANSMISSION LINES, UNDERGROUND UTILITIES AND OVERHEAD UTILITIES.
- 8. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY TWO (2) WORKING DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
- UTILITY/AGENCY OWNERS: INFORMATION IS PROVIDED IN THE ROADWAY COMPONENT.
- 10. PAVEMENT MARKING DESIGN SPEED = 30 MPH.

		REVISIONS		MATTHEW B. FURSETZER, P.E.
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 63997
				KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY, SUITE 200 16 WEST PALM BEACH, FLORIDA 33411 REGISTRY NO. 35106

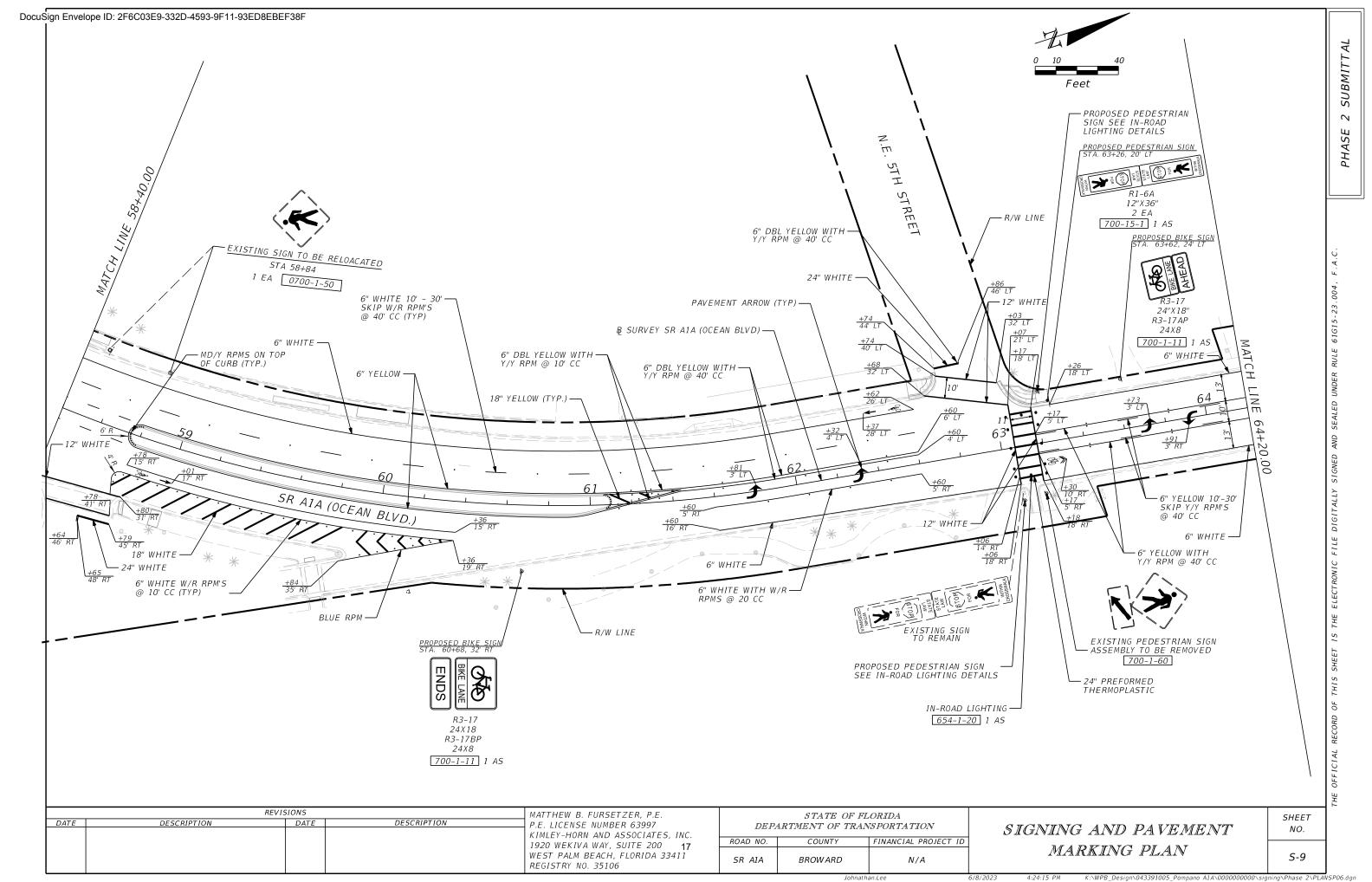
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID BROWARD SR A1A

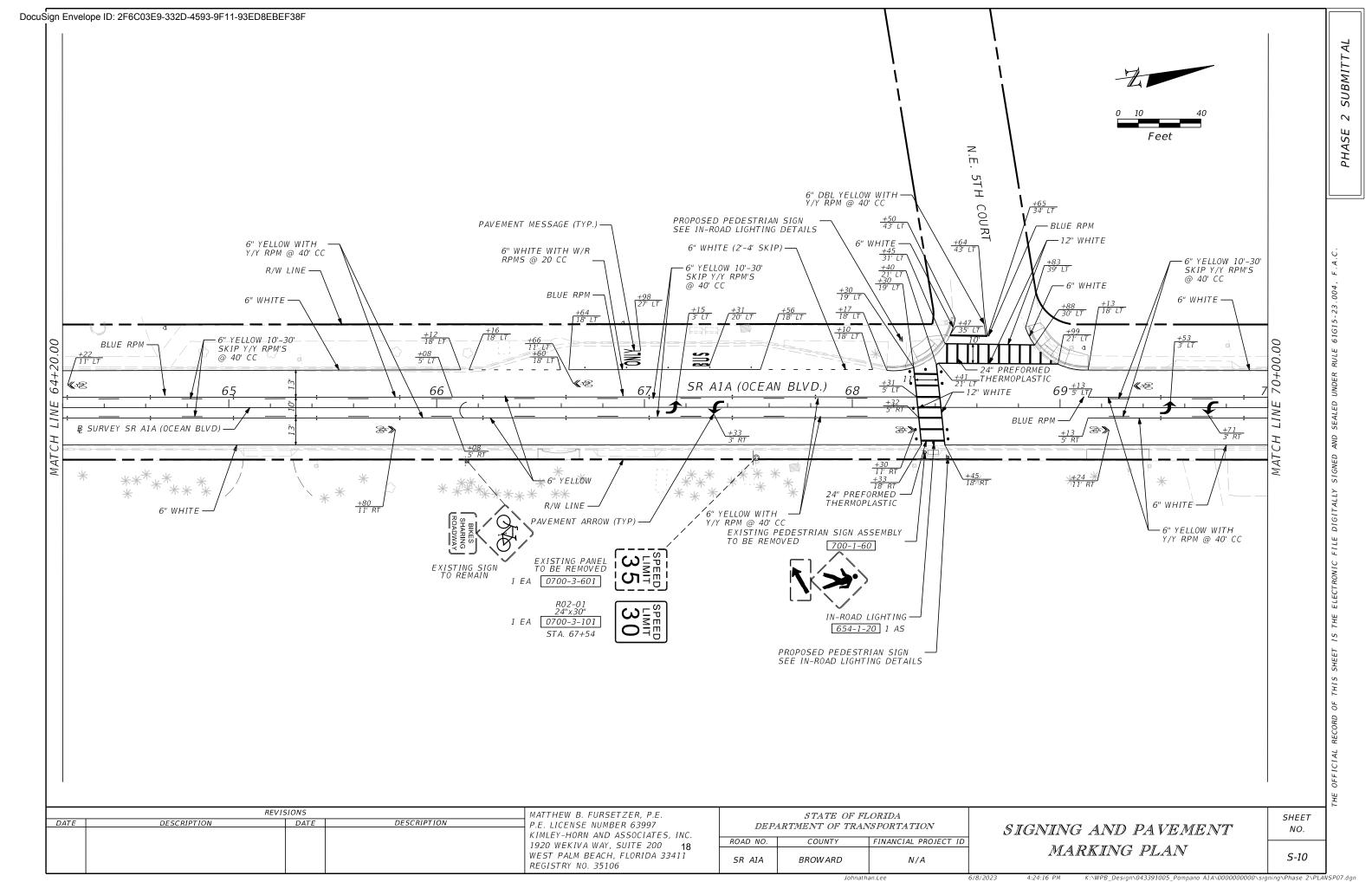
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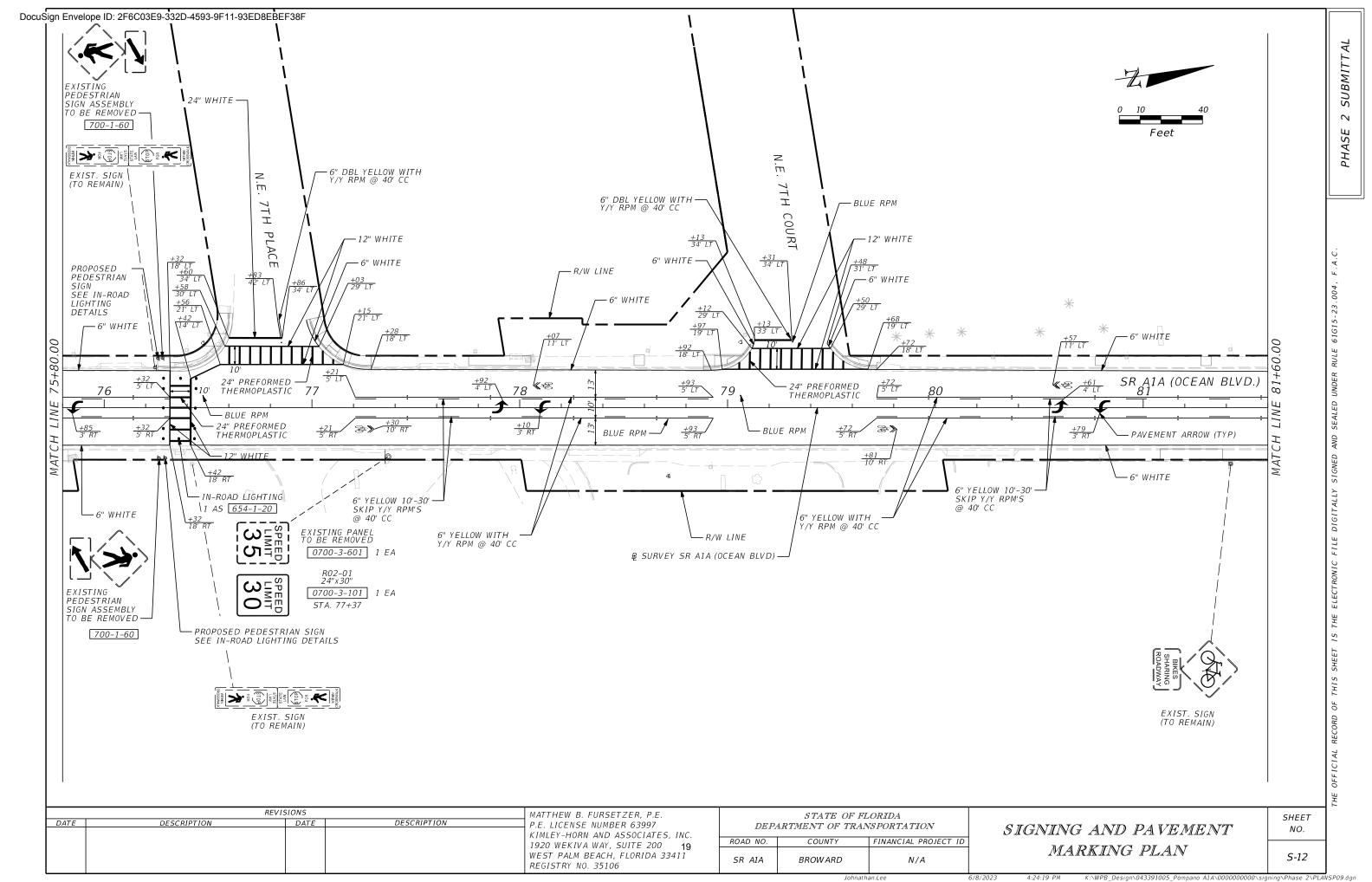
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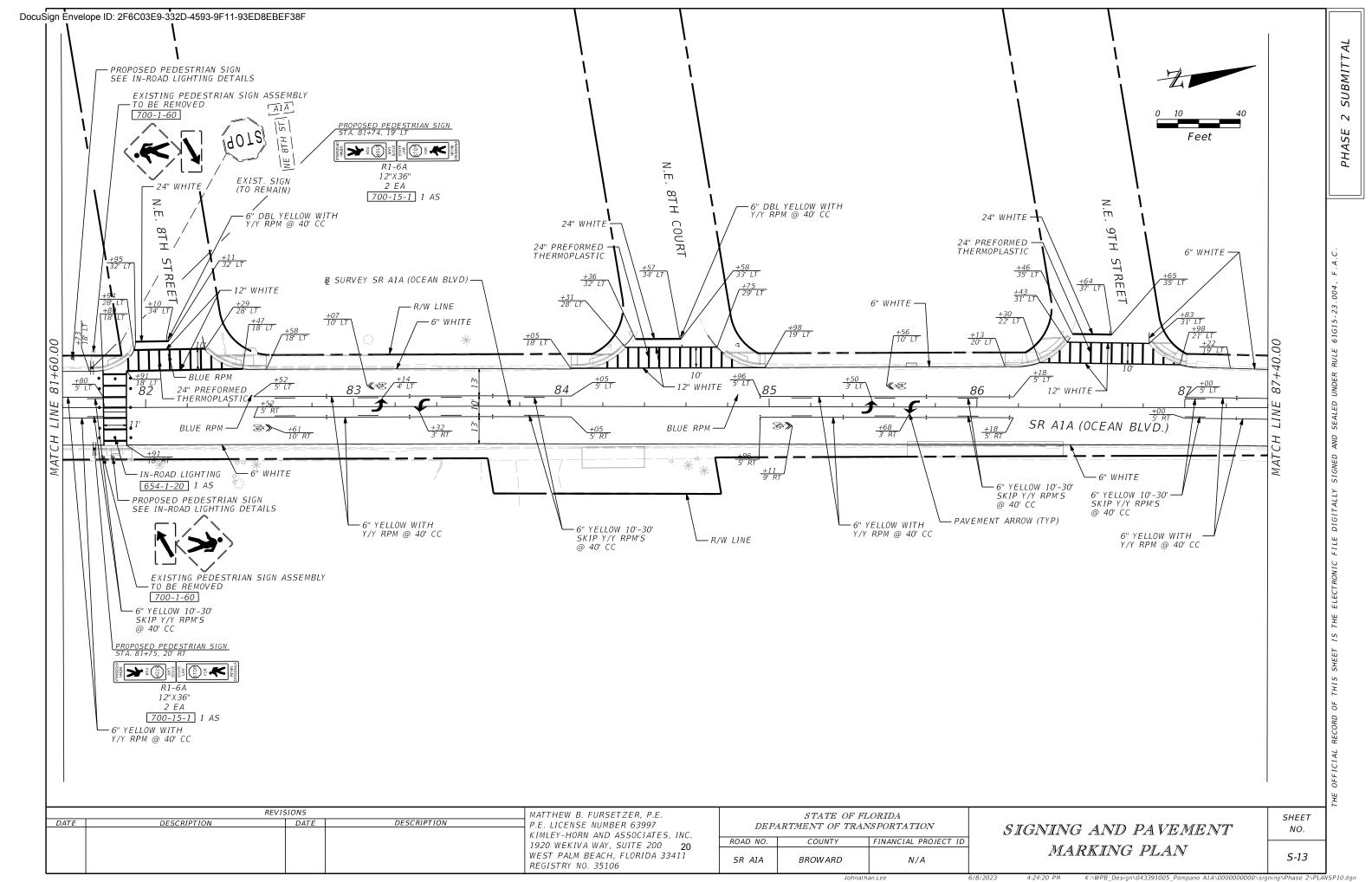
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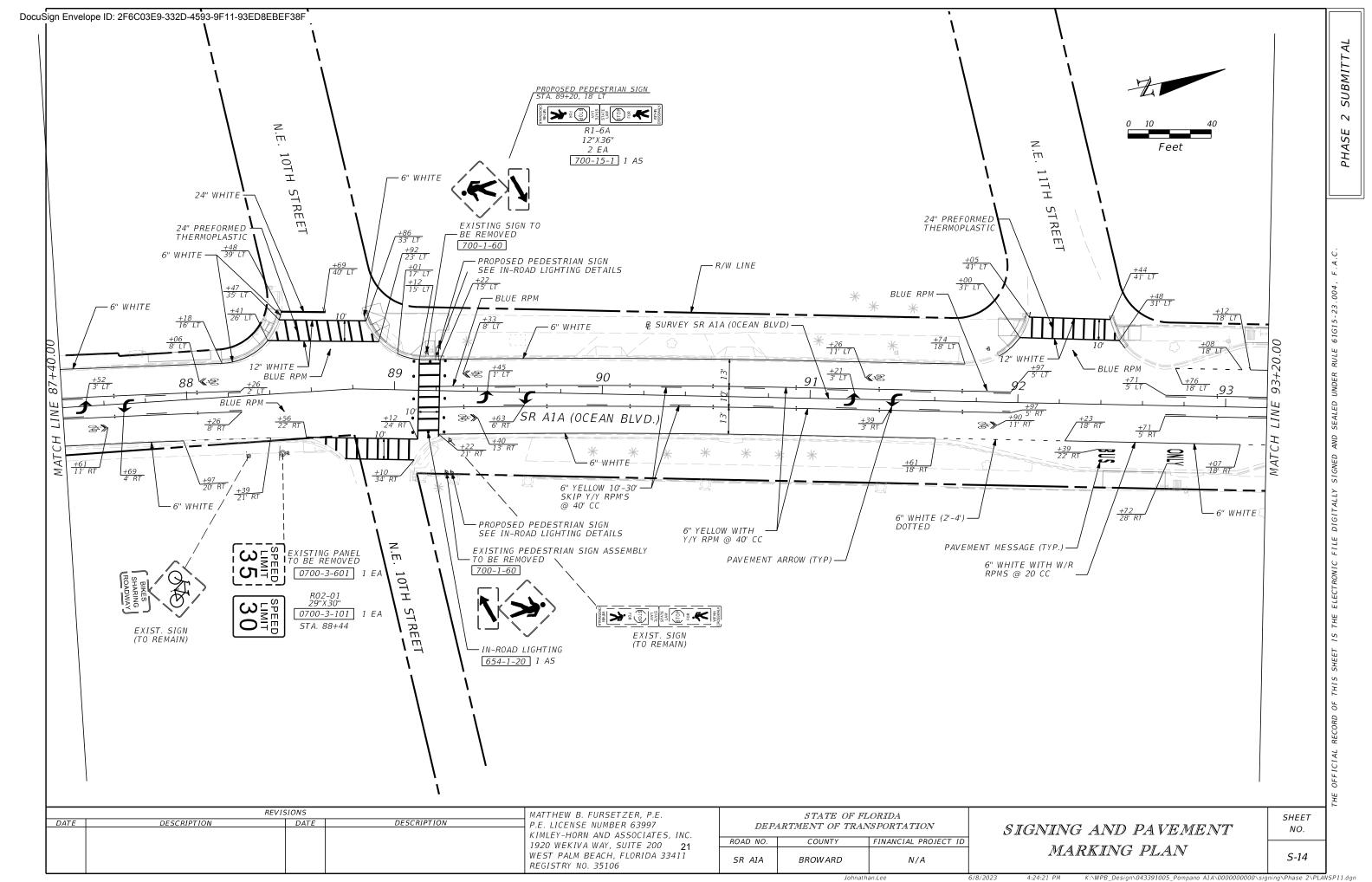
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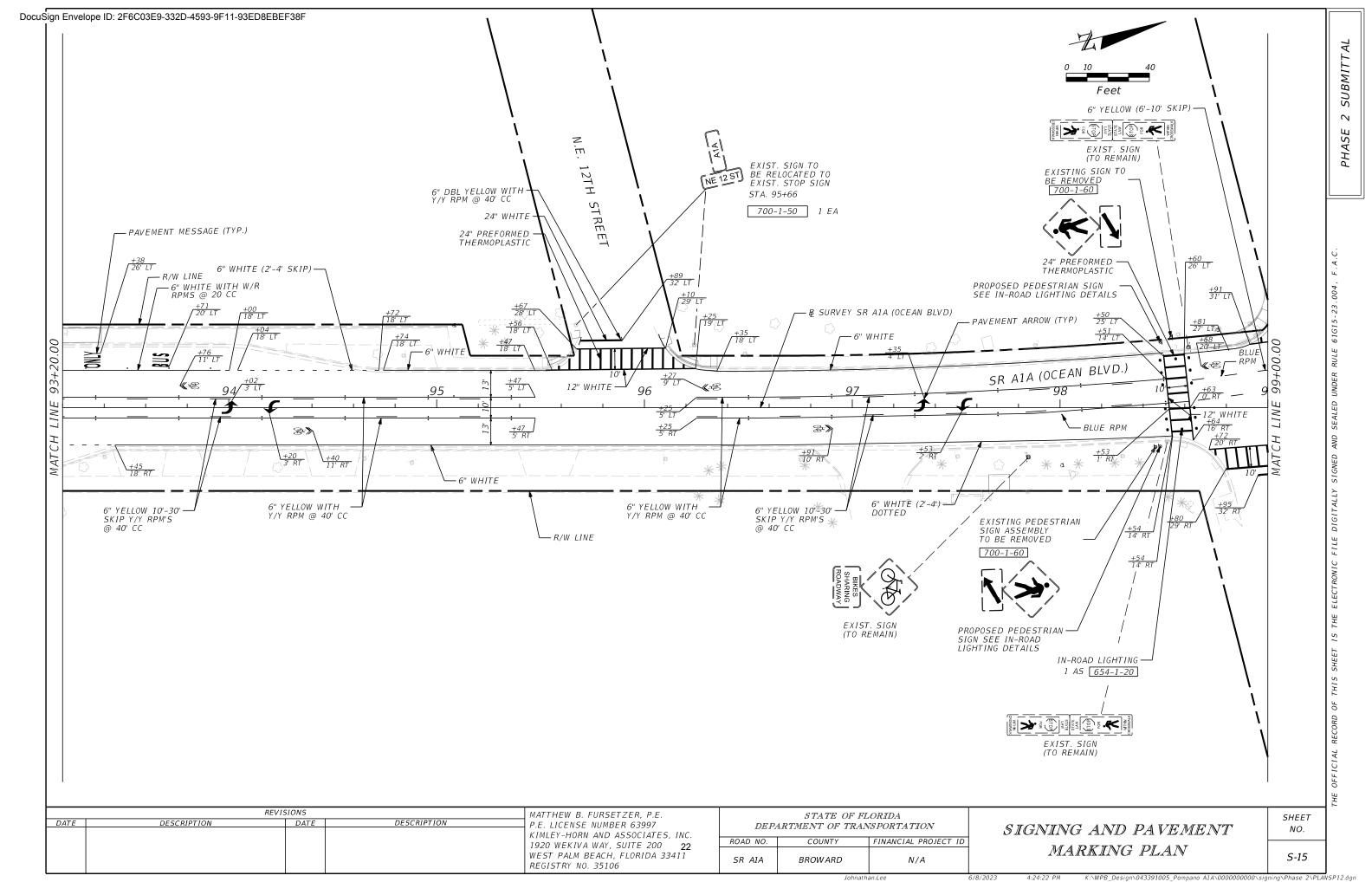


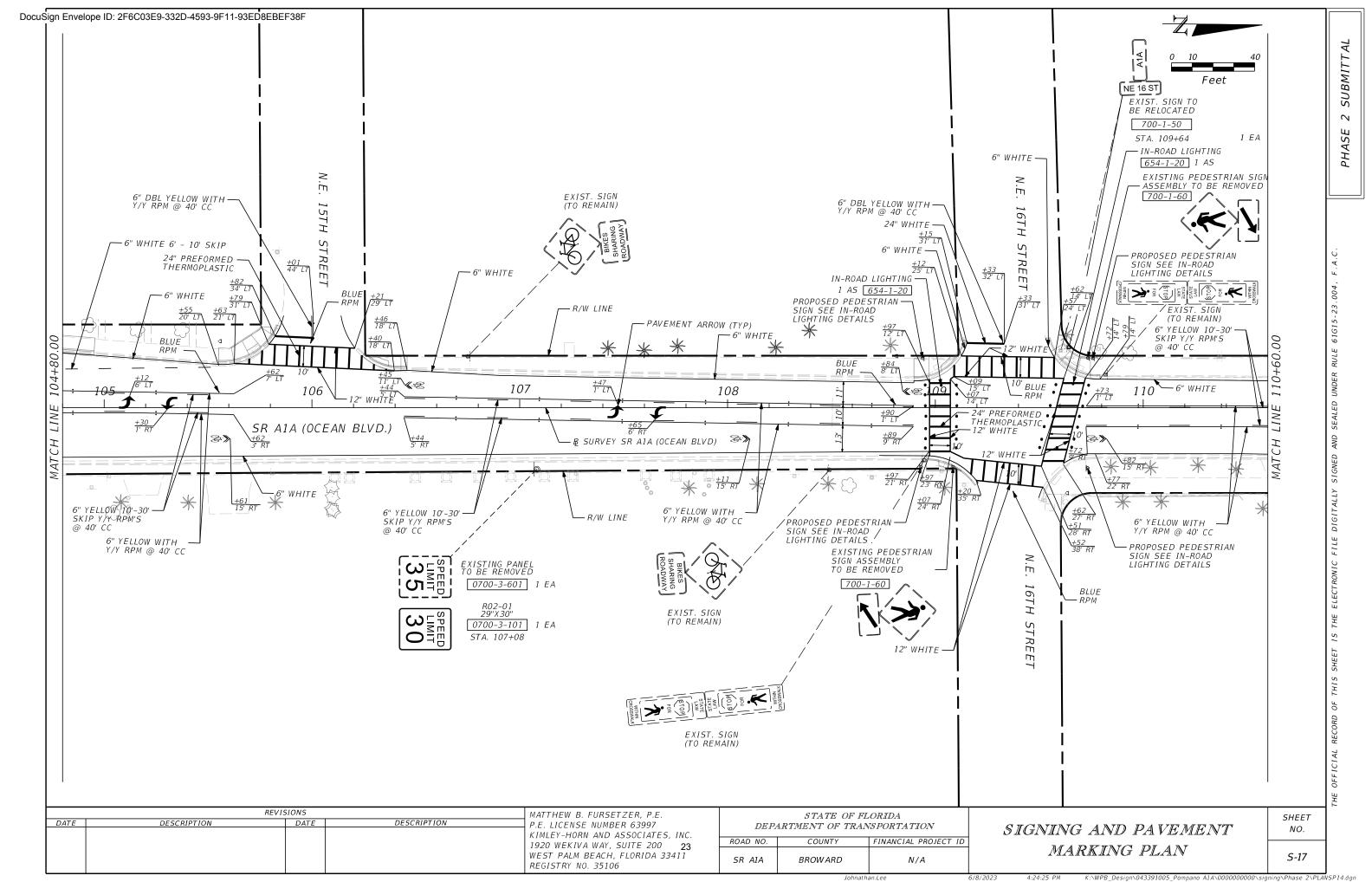


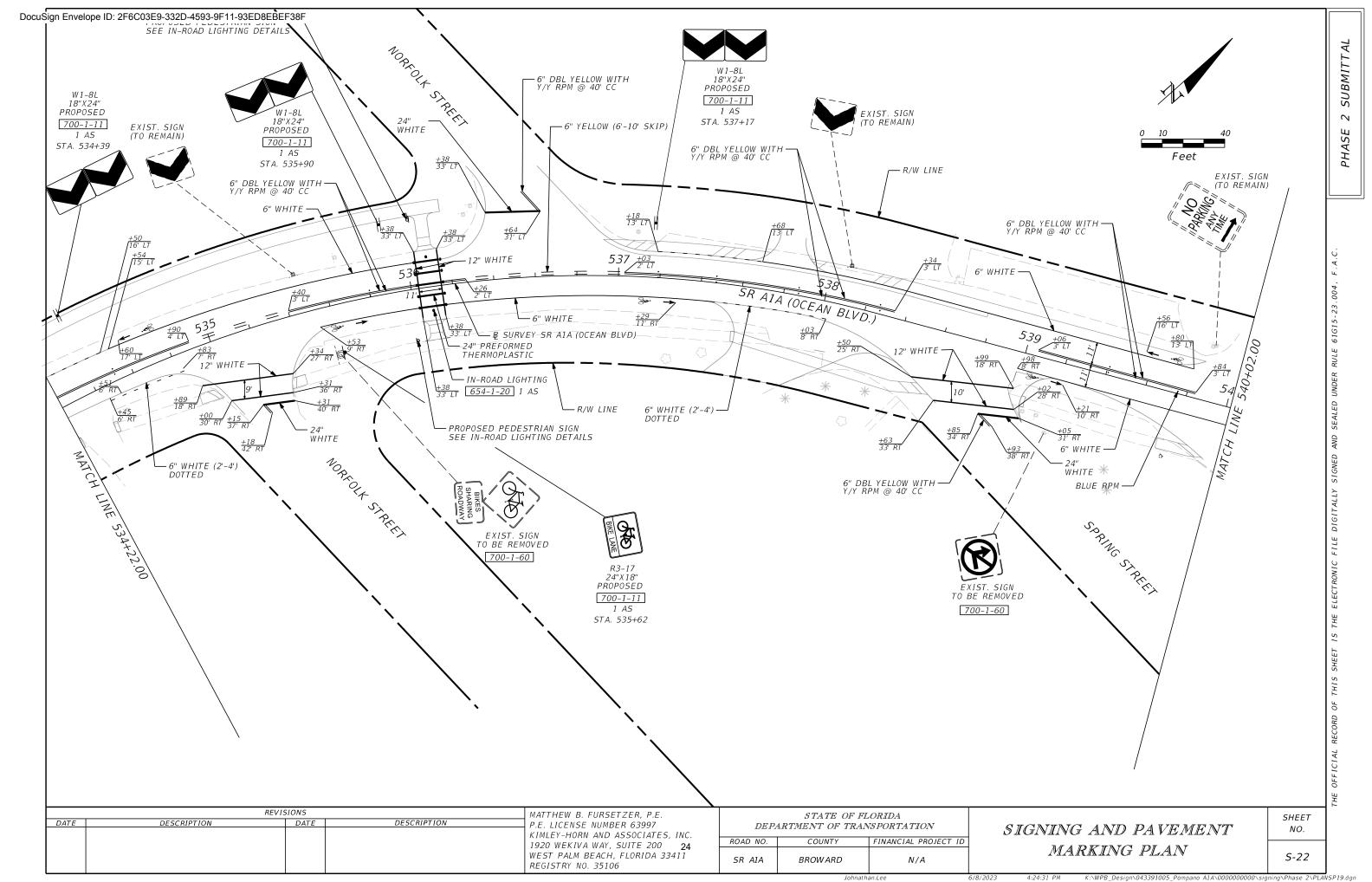




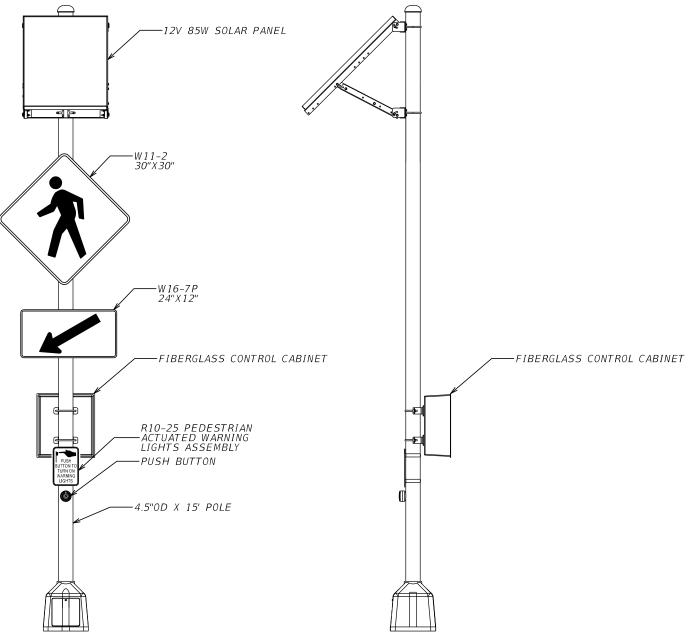












IN-ROADWAY LIGHT ASSEMBLY DETAIL

- 1. ORIENT SOLAR PANEL TOWARDS SOUTHERN SKY FOR MAXIMUM SOLAR EXPOSURE.
- 2. CONTROL CABINET HEIGHT MAY VARY.
- 3. SNAP LOCKS ARE PROVIDED, STANDARD 3/4" S/S BANDING IS RECOMMENDED.
- 4. J-BOLTS NOT SHOWN.

REVISIONS			MATTHEW B. FURSETZER, P.E.	
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 63997
				KIMLEY-HORN AND ASSOCIATES, INC
				1920 WEKIVA WAY, SUITE 200 25
				WEST PALM BEACH, FLORIDA 33411
				REGISTRY NO 35106

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION					
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
SR A1A	BROW ARD	N/A			

IN-ROAD LIGHTING DE TAILS

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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