

SECTION NO.: 86050/86180
FM No.(s): 424027-2-58-01;
COUNTY: Broward
S.R. No.:SR-A1A at N. End of S Beach
Parking Lot to SR 838/Sunrise Blvd.
Agreement No: 20191021-01

**DISTRICT FOUR
MAINTENANCE MEMORANDUM OF AGREEMENT**

THIS AGREEMENT, made and entered into this date _____, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the **DEPARTMENT**, and the **City of Fort Lauderdale**, a municipal corporation existing under the Laws of Florida, hereinafter called the **AGENCY**.

WITNESSETH:

WHEREAS, the **DEPARTMENT** has jurisdiction over SR-A1A from Fort Lauderdale Beach Park to SR 838/Sunrise Boulevard; and

WHEREAS, the **DEPARTMENT** and **AGENCY** 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-A1A from Fort Lauderdale Beach Park (M.P.) 2.650 to SR 838/Sunrise Boulevard (M.P.) 3.349 (within the limits of the **AGENCY**); and

WHEREAS, it is the intent of the **AGENCY** and the **DEPARTMENT** that the **AGENCY** shall construct and maintain the specific elements constructed under FM# 424027-2-58-01 to include decorative pedestrian lighting that will comply with sea turtle laws, rules, and regulations along SR-A1A from Fort Lauderdale Beach Park (M.P.) 2.650 to SR 838/Sunrise Boulevard (M.P.) 3.349, Section Number **86050/86180**; Project Number **424027-2-58-01**; hereinafter called **IMPROVEMENTS**; and

WHEREAS, the landscape and all other hardscape elements shall be maintained under the inclusive **AGREEMENT** with the **AGENCY** dated January 31, 2008; and

WHEREAS, the parties shall also enter into a Joint Participation Agreement (JPA) concerning the funding of these **IMPROVEMENTS**; and

WHEREAS, the Project involves the scope of work as described within **Exhibit A (Project Location, Description and Project 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 designating and setting forth the responsibilities of each party; and

WHEREAS, the **AGENCY** by Resolution Number _____ entered into this date _____, attached hereto and by this reference made a part hereof, desires to enter into this Agreement and authorizes its officers to do so;

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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 **Project Number** 424027-2-58-01, the **IMPROVEMENTS** as detailed in **Exhibit A (Project Location, Description and Project Aerial)** and **Exhibit B (Construction Plans)** that will benefit the **AGENCY**.

- 1) All lighting shall be installed in accordance with the Florida Fish and Wildlife Conservation Commission approved lighting plan included in Florida Department of Environmental Protection Coastal Construction Line Permit #BO-781 and any FWC – approved lighting plan amendments included in subsequent permit modifications.
- 2) All activities, including landscape **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*.
- 3) The most current edition of Florida Design Manual (FDM) must be adhered to.
- 4) Lateral Offsets as specified in the *Florida Design Manual (FDM)* must be adhered to.
- 5) **IMPROVEMENTS** shall not obstruct roadside signs or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-10.)
- 6) The **AGENCY** shall provide the local FDOT Broward Operations Center located at 5548 NW 9th Ave, Fort Lauderdale, FL 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 landscape **IMPROVEMENTS**.
- 7) 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 landscape **IMPROVEMENTS**. The

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- 8) **DEPARTMENT'S** Operation Center Public Information Officer (see telephone number in Paragraph (6)) shall also be notified.
 - 9) The **AGENCY** shall be responsible to clear all utilities within the landscape improvement limits before construction commences.
 - 10) The **AGENCY** shall follow the minimum level of maintenance guidelines as set forth in FDOT'S Rule Chapter 14-40 *Highway Beautification and Landscape Management*, in the FDOT *Guide to Roadside Mowing and Maintenance Management System*, and **Exhibit "C"**, the *Maintenance Plan* for maintenance activities for landscape **IMPROVEMENTS**.
- B. If there are any major changes to the plan(s), the **AGENCY** shall provide the modified plan(s) to the **DEPARTMENT** and the **DEPARTMENT** shall provide their approval or disapproval to the **AGENCY** within ten (10) business days. The **AGENCY** may elect to withdraw the **IMPROVEMENTS** if changes are not approved within the given time frame.

3. MAINTENANCE OF FACILITIES

- A. The **AGENCY** agrees to maintain the **IMPROVEMENTS** to be installed along SR-A1A at N End of S Beach Parking Lot to SR 838/Sunrise Blvd., Section Number 86180 beginning at Mayan Drive to Harbor Drive and State Road A1A/Ft. Lauderdale Beach Blvd/N Ocean Blvd., Section Number 86050 beginning from the intersection of Sebastian Street to NE 17 Street between mileposts (M.P.) 2.650 – 3.349 within the limits of construction. Maintenance by the **AGENCY** will include repair, restoration, and general maintenance of all decorative or non-standard features. **IMPROVEMENTS** include decorative pedestrian lighting.
- 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) Only the long wavelength (greater than 560 nm), amber diodes in the amber lighting circuit shall be illuminated during marine turtle nesting season, March 12 through October 31, for as long as the pole fixtures remain in place. White diodes may only be energized between November 1 and March 1, outside sea turtle nesting season.
 - 3) The Agency shall install and manage an electronic control system that shall automatically switch the lights from white to amber on March 1 each year the fixtures remain in place.
 - 4) In the event the lights are not switched automatically upon March 1 each year, the

City will manually switch the lights from white to amber no later than March 5th.

- 5) The City shall submit confirmation in writing by March 5th each year that the lights have been switched from white to amber and shall indicate any issues related to switching the lights. The Florida Fish and Wildlife Conservation Commission (FWC) shall be notified immediately if the amber lights fail to illuminate during the marine turtle nesting season. All notifications shall be submitted in writing to marineturtle@myfwc.com
- 6) 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.
- 7) 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 maintenance, repair and replacement of any type or nature, including, but not limited to, 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.
- 8) Subject to the above considerations for sea turtles, 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 for their normal expected useful life 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 any and all other component parts installed as part of the **IMPROVEMENTS**), and locating (both vertically and horizontally) the **IMPROVEMENTS**, as may be necessary.
- 9) Lighting assemblies and systems shall be maintained in such a manner as to prolong the life of the lighting fixture and prevent potential safety hazards. Lighting shall meet requirements for sea turtle nesting and hatching seasons. Lights may be required to be turned off if they fail to meet the requirements of the law or violate the Endangered Species Act or other law.
- 10) 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

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or **AGREEMENT** termination.

- 11) 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)**.
 - 12) The **AGENCY** shall be responsible to maintain the light pole structures and electrical components. The **AGENCY** shall replace the structure if destroyed in an accident by third parties.
- B. The **AGENCY** shall indemnify the **DEPARTMENT** for any and all costs or expenses incurred by the **DEPARTMENT** for the **AGENCY's** failure to comply with all ADA Laws existing and as may be amended. Costs and expenses shall include the costs to make the facility ADA compliant, Attorney's fees and costs and any judgments. Adjacent sidewalk areas shall be accessible at all times. 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 work day.
- 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 and (e) Manual on Uniform Traffic Control Devices (MUTCD).
- E. If it becomes necessary to provide utilities (water/electricity) to these **IMPROVEMENTS**, all costs 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 of utility usage for water and electrical, are the maintaining **AGENCY's** responsibility.
- 1) The **AGENCY** shall be directly responsible for impact and connection fees.

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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/SE 17th St/Seabreeze Blvd.; A1A/Ft. Lauderdale Bch Blvd./N Ocean Blvd. 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 **CITY OF FORT LAUDERDALE CITY MANAGER**, 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 cited deficiency or deficiencies. If 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:
 - 1) 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

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Contractor's personnel, all of 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**.
- 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 with regard to any additional **IMPROVEMENTS** installed at no cost to the **DEPARTMENT**.

7. AGREEMENT TERMINATION

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

- 1) 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.

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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:

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 than 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.

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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 Joint Participation Agreement in relationship to the funding of these services and the associated permit. The lighting under this **AGREEMENT** shall not be compensated under the State Highway Lighting Maintenance and Compensation 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.

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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 **AGENCY** agrees to waive forum and venue and the **DEPARTMENT** shall determine the forum and venue in which any dispute under this Agreement is decided.

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 Fort Lauderdale
Attention: Christopher J. Lagerbloom, City Manager
100 North Andrews Avenue
Fort Lauderdale, FL 33301

17. LIST OF EXHIBITS

Exhibit A: Project Location, Description and Project 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 FORT LAUDERDALE, a municipal
Corporation of the State of Florida

By: _____ Date: _____
Christopher J. Lagerbloom, City Manager

ATTEST:

Jeffrey A. Modarelli, City Clerk

Date:_____

Approved as to form:
Alian Boileau, City Attorney

By: _____ Date:_____

Print Name: Kimberly Cunningham Mosely
Title: Assistant City Attorney

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DEPARTMENT:

ATTEST:

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Executive Secretary
(SEAL)

Sign: _____
Howard Webb, Director of Operations

Print Name:_____

Date:_____

Approval as to Form:

Sign:_____

Dawn Raduano, District General Counsel

Print Name: _____

Date:_____

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EXHIBIT A

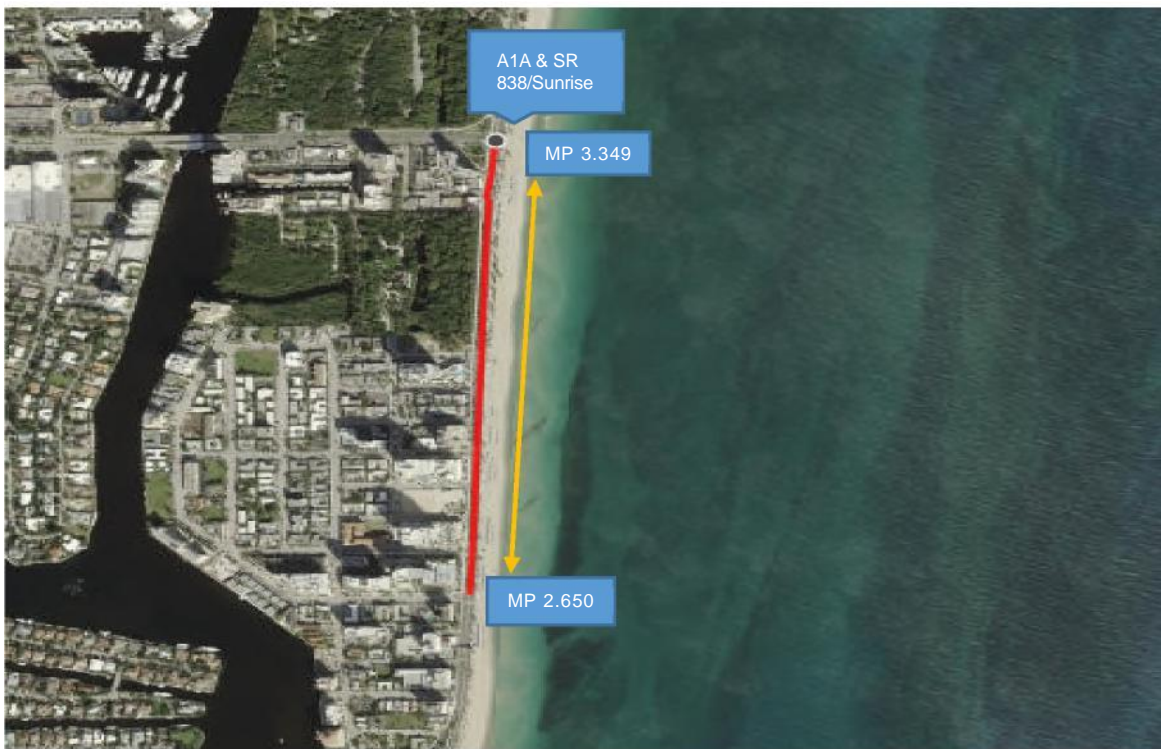
PROJECT LOCATION, AND MAP

Location:

The **IMPROVEMENTS** associated with this Agreement are located within the City of Fort Lauderdale, in Broward County, Florida along SR-A1A from Fort Lauderdale Beach Park (M.P.) 2.650 to SR 838/Sunrise Boulevard (M.P.) 3.349; Section Number 86050/86180.

LOCATION MAP:

Project Aerial:



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EXHIBIT B

LIGHTING PLANS

Lighting Plans by Matthew B. Fursetzer, P. E., Kimley-Horn & Associates dated December 17, 2019 as approved by the Department.

424027-2-58-01 LIGHTING PLANS (attached)

Sheets Included:

PDF Page Number (#)	Plan Sheet (#)	Sheet(s) Description
15	L-1	KEY SHEET
16	L-2	SIGNATURE SHEET
17-19	L-3 THUR L-5	TABULATION OF QUANTITIES
20	L-6	SUMMARY OF QUANTITIES
21	L-7	GENERAL NOTES
22	L-8	POLE DATA AND LEGEND
23-24	L-9 THUR L-10	POLE DATA
25-41	L-11 THUR L-27	LIGHTING PLAN
42-44	L-28 THUR L-30	LIGHTING DETAILS
45-48	L-31 THUR L-34	WEST SIDE LOAD CENTER DETAILS
49-51	L-35 THUR L -37	TEMPORARY TRAFFIC CONTROL PLAN

CONTRACT PLANS COMPONENTS
LIGHTING PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 424027-2-58-01

BROWARD COUNTY (86050/86180)

STATE ROAD NO. A1A

N. END OF THE S. BEACH PARKING LOT TO SUNRISE BOULEVARD

INDEX OF LIGHTING PLANS

SHEET NO. SHEET DESCRIPTION

L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3 THRU L-5	TABULATION OF QUANTITIES
L-6	SUMMARY OF QUANTITIES
L-7	GENERAL NOTES
L-8	POLE DATA AND LEGEND
L-9 THRU L-10	POLE DATA
L-11 THRU L-27	LIGHTING PLAN
L-28 THRU L-30	LIGHTING DETAILS
L-31 THRU L-34	WEST SIDE LOAD CENTER DETAILS
L-35 THRU L-37	TEMPORARY TRAFFIC CONTROL PLAN
CTL-1 THRU CTL-10*	PROJECT CONTROL
UTV-1 THRU UTV-2*	VERIFIED UTILITY LOCATE

* These sheets are included in the index of lighting plans only to indicate that it is part of the lighting plans. These sheets are contained in a separate digitally signed and sealed document.

GOVERNING STANDARD PLANS:

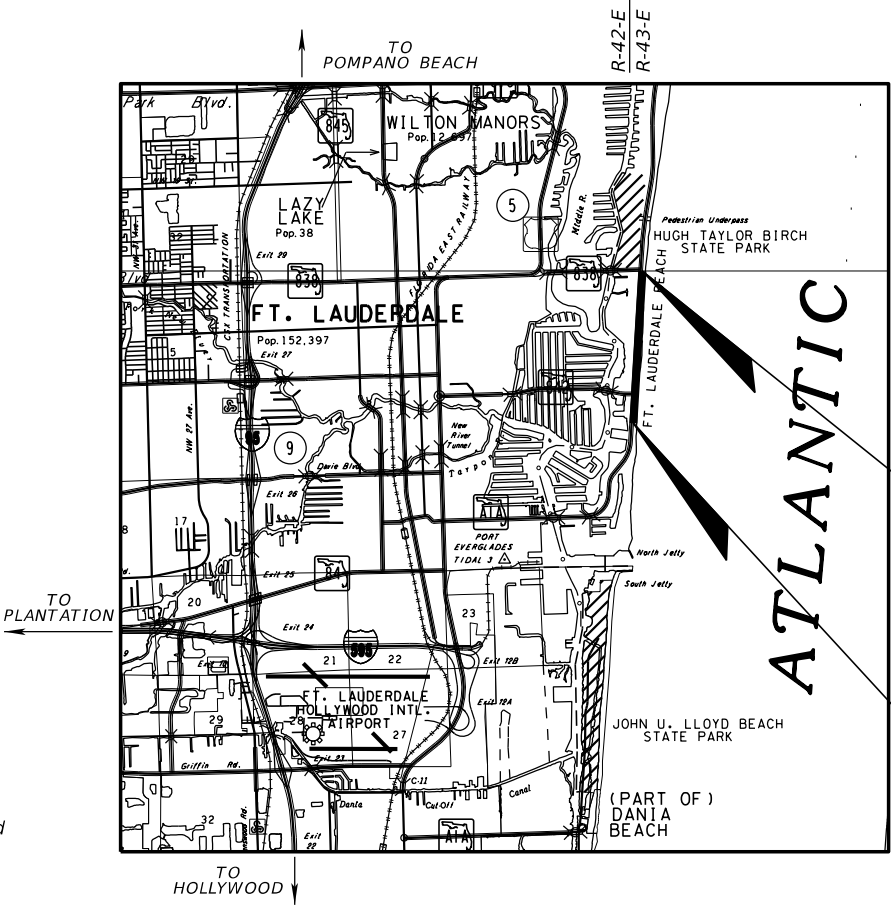
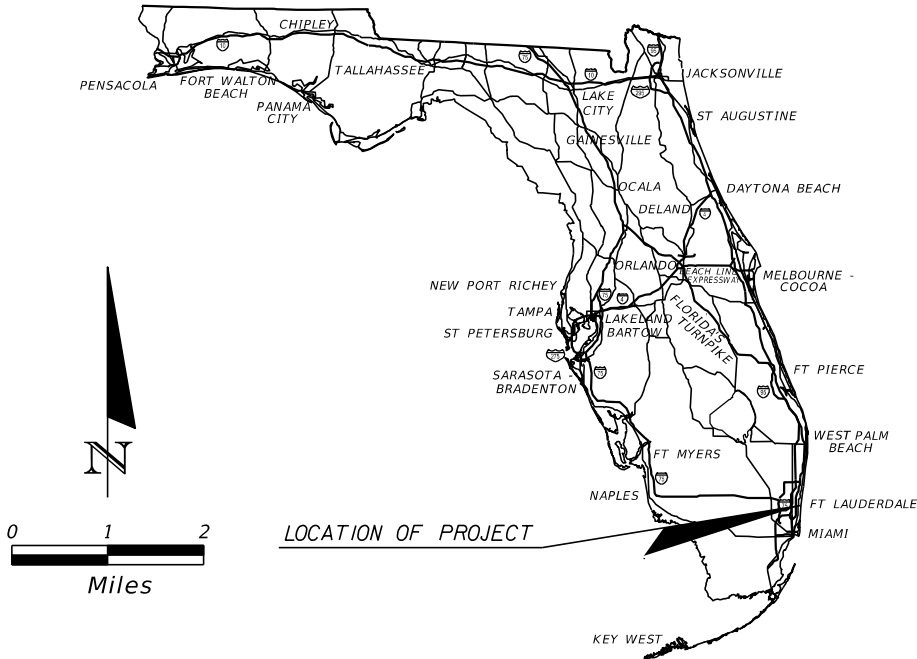
Florida Department of Transportation, FY 2019-2020 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, Jan. 2020 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



T-49-S
T-50-S

END PROJECT
STA 234+20.00
B SURVEY SR A1A
(MP 3.349)

BEGIN PROJECT
STA 149+52.00
B SURVEY SR A1A
(MP 2.650)

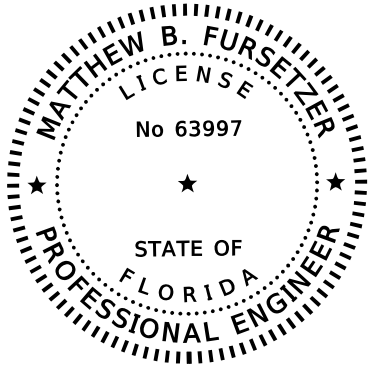
LIGHTING PLANS
ENGINEER OF RECORD:

MATTHEW FURSETZER, P.E. 63997
KIMLEY-HORN AND ASSOCIATES, INC.
SUITE 200
1920 WEKIVA WAY
WEST PALM BEACH, FLORIDA 33411
(561) 840-0814
CERTIFICATE OF AUTHORIZATION NO. 696

FDOT PROJECT MANAGER:

ANNA PLEGACHOVA, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET
N/A	2020	161
		Exhibit 2
		Page 15 of 52



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SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

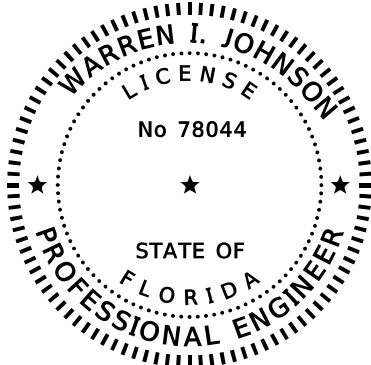
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MATTHEW B. FURSETZER, P.E.
P.E. LICENSE NUMBER 63997
KIMLEY-HORN AND ASSOCIATES
1920 WEKIVA WAY, SUITE 200
WEST PALM BEACH, FL 33411
CERTIFICATE OF AUTHORIZATION 696

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

INDEX OF LIGHTING PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3 THRU L-5	TABULATION OF QUANTITIES
L-6	SUMMARY OF QUANTITIES
L-7	GENERAL NOTES
L-8	POLE DATA AND LEGEND
L-9 THRU L-10	POLE DATA
L-11 THRU L-27	LIGHTING PLAN
L-28	LIGHTING DETAILS
L-30	LIGHTING DETAILS
L-31 THRU L-34	WEST SIDE LOAD CENTER DETAILS
L-35 THRU L-37	TEMPORARY TRAFFIC CONTROL PLAN



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WARREN I. JOHNSON, P.E.
P.E. LICENSE NUMBER 78044
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INDEX OF LIGHTING PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-2	SIGNATURE SHEET
L-29	LIGHTING DETAILS

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	CAM #201616 Exhibit 2 Page 16 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

[illegible]

ITEM 715-518-315: INCLUDES THE COST OF LIGHTING NETWORK CONTROLS SYSTEM. SEE LIGHTING DETAILS.
INCLUDES COST OF SPREAD FOOTER. SEE POLE DATA SHEET FOR LOCATIONS.

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[illegible]

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

TABULATION OF QUANTITIES

[illegible]

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	CAM #20-01 Exhibit 6-5 Page 19 of
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101-1	MOBILIZATION	1			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102-1	MAINTENANCE OF TRAFFIC	LS							1			

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS						
LOCATION	SIDE	AREA ID	PAVERS, ARCH. SIDEWALK		DESIGN NOTES	CONSTRUCTION REMARKS
			0526 1 2			
SY						
P			F			
167+80 to 173+40	LT		2.8			
173+40 to 178+80	LT		11.1			
178+80 to 184+40	LT		13.9			
189+80 to 195+40	LT		19.5			
195+40 to 200+80	LT		11.1			
200+80 to 206+40	LT		5.5			
228+20 to 233+60	LT		5.5			
SUB-TOTAL :			69.4			
TOTAL :			69.4			

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTIT Y		TOTAL		DESIGN NOTES	CONSTRUCT ION REMARKS
		STA.	TO STA.						AREA (AC)	P	F	P	F		
														AT SPREAD FOOTER FOUNDATIONS	
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	151+40	to 156+80	LT		5	5	SY		11.1		11			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	156+80	to 162+40	LT		5	5	SY		25.0		25			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	162+40	to 167+80	LT		5	5	SY		5.6		6			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	167+80	to 173+40	LT		5	5	SY		25.0		25			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	173+40	to 178+80	LT		5	5	SY		19.4		19			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	178+80	to 184+40	LT		5	5	SY		22.2		22			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	184+40	to 189+80	LT		5	5	SY		8.3		8			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	189+80	to 195+40	LT		5	5	SY		2.8		3			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	195+40	to 200+80	LT		5	5	SY		16.7		17			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	200+80	to 206+40	LT		5	5	SY		22.2		22			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	206+40	to 211+80	LT		5	5	SY		19.4		19			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	211+80	to 217+20	LT		5	5	SY		19.4		19			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	217+20	to 222+80	LT		5	5	SY		22.2		22			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	222+80	to 228+20	LT		5	5	SY		25.0		25			
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	228+20	to 233+60	LT		5	5	SY		22.2		22			

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES		SHEET CAM #20-0161 Exhibit 2 Page 20 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			
SUB-TOTAL:				12/17/2019 7:31:40 PM Default				K:\WPB_Design\040005603_SRA1A_N_FTL\42402725201\lighting\SUMQRD01.dgn		

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GENERAL NOTES

1.

MAINTAINING AGENCY IS THE CITY OF FORT LAUDERDALE - DON MORRIS (954) 828-4526.
2.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES PRIOR TO ANY UNDERGROUND WORK. THE UTILITY COMPANY WILL LOCATE AND IDENTIFY THEIR FACILITIES.

UTILITY OWNERS:

COMPANY	CONTACT PERSON	TELEPHONE NUMBER
CITY OF FT LAUDERDALE	JON STAHL	(954) 828-7830
AT&T DISTRIBUTION	OTIS KEEVE	(954) 723-2540
COMCAST	JOHN MATONTI	(954) 447-8486
FP&L - DISTRIBUTION	BYRON SAMPLE	(954) 321-2056
TECO PEOPLE'S GAS - SOUTH FLORIDA	DAVID RIVERA	(954) 453-0794
BROWARD COUNTY TRAFFIC OPS	ROBERT BLOUNT	(954) 847-2745
HOTWIRE	WALTER SANCH0-DAVILA	(954) 847-2745
3.

PRIOR TO FABRICATION OF FOUNDATIONS, COORDINATE WITH FOUNDATION MANUFACTURER TO ENSURE ANCHOR BOLT PATTERN IS CONSISTENT WITH EXISTING BASE PLATE CONFIGURATION FOR EACH POLE.
4.

ALL CONNECTIONS SHALL BE MADE IN THE PULL BOX NEXT TO THE BASE OF THE LIGHT POLES UTILIZING THE WATERPROOF POLE CABLE DISTRIBUTION SYSTEM. CONNECTION TO THE GROUND ROD INSIDE THE PULL BOX SHALL BE CAP WELDED. ALL OTHER CONNECTIONS SHALL USE APPROVED CABLE CONNECTORS. PCDS SHALL BE 1P-68 RATED.
5.

THE LOCATIONS OF THE NEW LIGHT POLES MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND/OR EXISTING UTILITIES. THE PROPOSED DIRECTIONAL BORING PLAN INSTALLATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ACCOMMODATE THE DESIGN AND TO AVOID EXISTING UTILITIES AND OBSTRUCTIONS.
6.

THE CONTRACTOR SHALL NOTIFY FLORIDA POWER AND LIGHT CO. (FP&L) AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO ANY INSTALLATION THAT IS WITHIN 10 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. FLORIDA POWER AND LIGHT CO. (AT IT'S OPTION), MAY ASSIST THE CONTRACTOR, COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE, OR TAKE OTHER SAFETY PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS.
7.

ALL MATERIALS SHALL BE NEW AND "UL" LISTED AS APPLICABLE.
8.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING LEVEL OF ILLUMINATION ON THE TRAVELED ROADWAY THROUGHOUT CONSTRUCTION AND SHALL INSTALL NEW POLES PRIOR TO REMOVAL OF EXISTING POLES.
9.

FURNISH AND INSTALL AN ALUMNUM IDENTIFICATION TAG ON EACH NEW ROADWAY LIGHTING POLE. THESE TAGS SHALL BE COORDINATED WITH THE MAINTAINING AGENCY PRIOR TO ORDERING. IF NO PREFERENCE IS INDICATED BY THE MAINTAINING AGENCY, THE CONTRACTOR MAY PROVIDE A TAG AS FOLLOWS: 1"X6" IN SIZE WITH BLACK LETTERS/NUMBERS ON YELLOW BACKGROUND AND ATTACHED RIVETS (NO SCREWS) & BE MOUNTED VERTICALLY 1' FROM BASE. IDENTIFICATION SHALL INCLUDE THE CIRCUIT AND POLE NUMBERS SHOWN ON THE POLE DATA SHEET. COST OF TAGS SHALL BE INCLUDED IN THE BID ITEMS FOR POLE COMPLETE.
10.

PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. THESE MUST SPECIFICALLY INCLUDE:

A) LUMINAIRE PHOTOMETRICS

B) POLE STRENGTH CALCULATIONS

C) LOAD CENTER ELECTRICAL EQUIPMENT

SUBMITTAL DATA SHALL INCLUDE COMPUTER PRINTOUT SHOWING HORIZONTAL FOOT CANDLES TO BE OBTAINED USING THE SUBMITTED LUMINAIRES ON THIS PROJECT. AT FINAL INSPECTION THE CONTRACTOR SHALL VERIFY THE HORIZONTAL FOOT CANDLES LEVELS ON THE ROADWAY WITH AN APPROVED, CURRENT-CALIBRATED LIGHT METER.
11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POWER TO THE LOAD CENTERS AND ALL EXISTING TEMPORARY AND PROPOSED LIGHTING FIXTURES DURING ALL PHASES OF CONSTRUCTION UNTIL FINAL ACCEPTANCE BY THE CITY OF FORT LAUDERDALE.
12.

ALL CURRENT CARRYING COMPONENTS SHALL BE OF COPPER CONSTRUCTION AND PROVIDE FULL RATED NEUTRAL BUS AND GROUND BUS.

13.

ALL ENCLOSURE(S) SHALL BE SIZED TO ACCOMMODATE ALL SPECIFIED EQUIPMENT MAINTAINING NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 MINIMUM CLEARANCES.
14.

ALL PULL BOX COVERS SHALL BE BOLTED TO PULL BOX.
15.

BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL PROVIDE 4 SETS OF AS BUILT PLANS TO THE MAINTAINING AGENCY AND TO FDOT'S BROWARD OPERATIONS SIGNALIZATION AND LIGHTING COORDINATOR AT ANDREW.POERIO@DOT.STATE.FL.US TO HELP PERFORM "SERVICE TAP INSPECTIONS" AS PART OF THE FINAL ELECTRICAL INSPECTION.
16.

PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOUND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN RECOMMENDED BY NEC OR NESC FOR CABLE.
17.

ALL OPEN EXCAVATIONS SHALL BE COMPLETED TO PROVIDE A SAFE CROSSING BY THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. THE CONTRACTOR SHALL NOT OPEN ANY AREA THAT CANNOT BE BACKFILLED IN THE SAME DAY'S OPERATION.
18.

WHEN ENCOUNTERING OR EXPOSING ANY ABNORMAL CONDITION INDICATING THE PRESENCE OF A HAZARDOUS OR TOXIC WASTE, OR CONTAMINANTS, CEASE OPERATIONS IMMEDIATELY IN THE VICINITY AND NOTIFY THE CITY ENGINEER (CHIJOKE EZEKWE 954-828-4522).THE PRESENCE OF TANKS OR BARRELS; DISCOLORED EARTH, METAL, WOOD, GROUND WATER, ETC.; VISIBLE FUMES; ABNORMAL ODORS; EXCESSIVELY HOT EARTH; SMOKE; OR OTHER CONDITIONS THAT APPEAR ABNORMAL MAY INDICATE HAZARDOUS OR TOXIC WASTES OR CONTAMINANTS AND MUST BE TREATED WITH EXTREME CAUTION.
19.

MAKE EVERY EFFORT TO MINIMIZE THE SPREAD OF CONTAMINATION INTO UNCONTAMINATED AREAS. IMMEDIATELY PROVIDE FOR THE HEALTH AND SAFETY OF ALL WORKERS AT THE JOB SITE AND MAKE PROVISIONS NECESSARY FOR THE HEALTH AND SAFETY OF THE PUBLIC THAT MAY BE EXPOSED TO ANY POTENTIALLY HAZARDOUS CONDITIONS. PROVISIONS SHALL MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS OR CODES COVERING HAZARDOUS CONDITIONS AND WILL BE IN A MANNER COMMENSURATE WITH THE GRAVITY OF THE CONDITIONS.
20.

THE CITY ENGINEER AND/OR CONTRACTOR WILL COORDINATE AND MOBILIZE A QUALIFIED CONTAMINATION ASSESSMENT/REMEDATION (CAR) CONTRACTOR. QUALIFICATIONS OF SUCH CAR CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO: EXPERIENCE AND PERSONNEL TO PREPARE CONTAMINATION ASSESSMENT PLANS, CONDUCT CONTAMINATION ASSESSMENTS, PREPARE SITE ASSESSMENT REPORTS, REMEDIATION PLANS, IMPLEMENT REMEDIAL ACTION PLANS, RISK BASED CORRECTIVE ACTIONS, STORAGE TANKS SYSTEM REMOVAL, HIGHWAY SPILL RESPONSE AS WELL AS EXPERIENCE WITH INFRASTRUCTURE/CONSTRUCTION ACTIVITIES WITHIN (POTENTIALLY) CONTAMINATED AREAS SPECIFIC TO TRANSPORTATION SYSTEMS.
21.

ALL THE WORK PERFORMED BY THE CAR CONTRACTOR SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING WORKER SAFETY AND ENVIRONMENTAL REGULATIONS. THIS IS TO INCLUDE OCCUPATIONAL EXPOSURE TO CONTAMINATED SOILS, GROUNDWATER, WASTES AND ATMOSPHERE DURING THE CONSTRUCTION OF ALL FEATURES INCLUDED IN THE CONSTRUCTION PLANS. IN ADDITION, THE CAR CONTRACTOR MUST BE STAFFED WITH FLORIDA LICENSED TECHNICAL PROFESSIONALS (GEOLOGISTS AND ENGINEERS) WHO WILL BE INVOLVED WITH THE PROJECT AND KNOWLEDGEABLE OF THE WORK ACTIVITIES CONDUCTED WITH THE IDENTIFIED CONTAMINATED AREAS AND WHO WOULD SIGN AND SEAL PROJECT REPORTS AS REQUIRED FOR SUBMITTAL TO THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES.
22.

THE CITY ENGINEER WILL IMMEDIATELY NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT IV CONTAMINATION IMPACT COORDINATOR (DCIC) AT (954) 777-4286 AFTER ENCOUNTERING THE UNIDENTIFIED AREAS OF CONTAMINATION. PRELIMINARY INVESTIGATION BY THE CAR CONTRACTOR WILL DETERMINE THE COURSE OF ACTION NECESSARY FOR SITE SECURITY AND THE STEPS UNDER APPLICABLE LAWS, RULES, AND REGULATIONS FOR ADDITIONAL ASSESSMENT AND/OR REMEDIATION WORK TO RESOLVE THE CONTAMINATION ISSUE.
23.

FOLLOWING COMPLETION OF THE PROJECT, THE CAR CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF ALL REPORTS SUBMITTED TO REGULATORY AGENCIES, WASTE MATERIAL PROFILES, MANIFESTS AND/OR DISPOSAL RECEIPTS FOR THE HANDLING OF ALL CONTAMINATED MEDIA INCLUDING BUT NOT LIMITED TO GROUND WATER, WASTE WATER, SOILS, SOLID WASTES, SLUDGE, HAZARDOUS WASTES, AIR MONITORING RECORDS AND SAMPLE RESULTS FOR ALL MATERIALS TESTED AND ANALYZED TO THE CITY ENGINEER AND THE FDOT DCIC.
24.

THE CONTRACTOR IS ADVISED THAT CAVING SOILS WILL BE ENCOUNTERED DURING EXCAVATION OF THE POLE FOUNDATIONS. DRILLING MUD, TEMPORARY CASINGS OR OTHER ACCEPTABLE MEASURES WILL BE REQUIRED TO STABALIZE THE EXCAVATION. SUPERMUD OR POLYMER SLURRY IS NOT ALLOWED FOR POLE FOUNDATIONS. AN ADDITIONAL NOTE TO INDICATE IF CASING IS REQUIRED TO STABILIZE THE EXCAVATION THE CONTRACTOR SHALL FURNISH CASING AND THE PROPER EQUIPMENT TO INSTALL AND REMOVE IT AT NO EXTRA TO THE DEPARTMENT. CORRUGATED CASING IS NOT ALLOWED FOR THE POLE FOUNDATONS.
25.

CONTRACTOR SHALL DETERMINE THE ACTUAL GROUNDWATER LEVELS AT THE TIME OF CONSTRUCTION TO DETERMINE GROUNDWATER IMPACT ON CONSTRUCTION PROCEDURE.

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES CAM #20-0161 Exhibit 2 Page 24 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					A1A	BROWARD	424027-2-58-01	

LEGEND

SYMBOLS

DESCRIPTION



2-72 WATT AMBER/WHITE LED FIXTURES DESIGNED FOR TYPE IV DISTRIBUTION. USE VERTEX ILLUMINATIONS CITTA FIXTURE WITH 270 ° X 4" SHIELD. GROUND MOUNT POLE WITH PULL BOX.



EXISTING PULL BOX (TO REMAIN)



PULL BOX TO BE REMOVED



PROPOSED PULL BOX



2-2" SCHEDULE 40 CONDUITS, DIRECTIONAL BORED UNDER PAVEMENT WITH LIGHTING CONDUCTORS INSIDE (SEE PLAN FOR SIZE AND NUMBER OF CONDUCTORS).



EXISTING LOAD CENTER (TO REMAIN)



EXISTING LUMINAIRE (TO REMAIN)



EXISTING LUMINAIRE (TO REMAIN)

POLE DATA (NEW POLES)

POLE NO.	SHEET NO.	CIRCUIT	LOCATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	COLOR	FOUNDATION	PAY ITEM
01	L-13	A-1	150+13.00, 25.45' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
02	L-13	A-1	150+75.00, 28.19 ' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
03	L-13	A-1	151+26.00, 29.20' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
05	L-14	A-1	152+69.00, 20.37' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
06	L-14	A-1	153+11.00, 18.18' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
07	L-14	A-1	153+64.00, 17.50' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
08	L-14	A-1	154+23.00, 21.60' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
09	L-14	A-1	154+83.00, 27.37' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
10	L-14	A-1	155+34.00, 28.46' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
11	L-14	A-2	155+98.00, 28.62' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
12	L-14	A-2	156+62.00, 28.72' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
14	L-15	A-2	157+57.00, 17.69' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
15	L-15	A-2	158+17.00, 17.52' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
16	L-15	A-2	158+77.00, 17.34' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
17	L-15	A-2	159+37.00, 17.16' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
18	L-15	A-2	159+97.00, 17.01' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
19	L-15	A-2	160+57.00, 16.89' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
20	L-15	A-2	161+17.00, 16.76' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
21	L-15	B-1	161+77.00, 16.78' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
22	L-15	B-1	162+37.00, 16.83' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
23			DID NOT USE						
24			DID NOT USE						
25			DID NOT USE						
26			DID NOT USE						
27			DID NOT USE						
28			DID NOT USE						
31	L-16	B-2	167+18.00, 9.92' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POLE DATA AND LEGEND	CAM #20161 Exhibit 2 Page 22 of 52	SHEET 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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POLE DATA (NEW POLES)									
POLE NO.	SHEET NO.	CIRCUIT	LOCATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	COLOR	FOUNDATION	PAY ITEM
32	L-16	B-2	167+55.00 , 7.34' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
33	L-17	B-2	168+05.00 , 4.65' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
34	L-17	B-2	168+71.00 , 3.95' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
35	L-17	B-2	169+25.00 , 4.57' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
36	L-17	B-2	169+85.00 , 5.76' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
37	L-17	B-2	170+45.00 , 6.33' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
38	L-17	B-2	171+05.00 , 6.39' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
39	L-17	C-1	171+65.00 , 6.15' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
40	L-17	C-1	172+25.00 , 6.42' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
42	L-17	C-1	173+18.00 , 6.26' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
43	L-18	C-1	173+61.00 , 8.77' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
44	L-18	C-1	174+00.00 , 13.94' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
45	L-18	C-1	174+61.00 ,18.11' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
46	L-18	C-1	175+20.00 , 20.03' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
48	L-18	C-1	176+13.00 , 6.41' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
49	L-18	C-2	176+52.00 , 8.52' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
50	L-18	C-2	177+02.00 , 4.83' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
51	L-18	C-2	177+62.00 , 4.06' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
52	L-18	C-2	178+32.00 , 6.65' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
53	L-19	C-2	178+93.00 , 2.66' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
54	L-19	C-2	179+53.00 , 3.95' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
55	L-19	C-2	180+13.00 , 5.00' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
56	L-19	D-1	180+73.00 , 5.46' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
57	L-19	D-1	181+33.00 , 5.72' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
59	L-19	D-1	182+18.00 , 5.44' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
60	L-19	D-1	182+70.00 , 5.61' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
61	L-19	D-1	183+46.00 , 5.05' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315

POLE DATA (NEW POLES)									
POLE NO.	SHEET NO.	CIRCUIT	LOCATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	COLOR	FOUNDATION	PAY ITEM
62	L-19	D-1	184+00.00 , 10.25' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
63	L-20	D-2	184+58.00 , 15.38' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
64	L-20	D-2	185+14.00 , 16.20' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
65	L-20	D-2	185+69.00 , 15.57' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
66	L-20	D-2	186+32.00 , 4.50' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
67	L-20	D-2	186+81.00 , 1.29' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
68	L-20	D-2	187+41.00 , 2.65' RT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
69	L-20	D-2	188+01.00 , 7.67' RT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
70	L-20	D-2	188+70.00 ,13.66' RT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
71	L-21	C-1	191+10.00 , 24.04' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
72	L-21	C-1	191+70.00 , 24.52' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
73	L-21	C-1	192+30.00 , 24.97' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
74	L-21	C-1	192+75.00 , 22.73' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
75	L-21	C-2	193+70.00 , 22.56' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
76	L-21	C-2	194+30.00 , 18.33' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
77	L-21	C-2	195+00.00 , 17.27' LT	(2) 72 W	13' -6"	2' -3"	BLACK		715-518-315
79	L-22	C-2	196+13.00 , 19.70' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
80	L-22	C-2	197+14.00 , 19.23' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
81	L-22	C-2	197+90.00 , 19.54' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
82	L-22	D-1	199+20.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
83	L-22	D-1	199+80.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
84	L-22	D-1	200+40.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
85	L-23	D-1	201+00.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
86	L-23	D-1	201+60.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
87	L-23	D-2	202+90.00 , 19.93' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
88	L-23	D-2	203+50.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315
89	L-23	D-2	204+10.00 , 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley-Horn and Associates, Inc.

Certificate Of Authorization No. 696

Matthew B. Fursetzer, P.E.

P.E. License No. 63997

1920 Wekiva Way, Suite 200

West Palm Beach, Florida 33411

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	424027-2-58-01

POLE DATA

CAM #20161

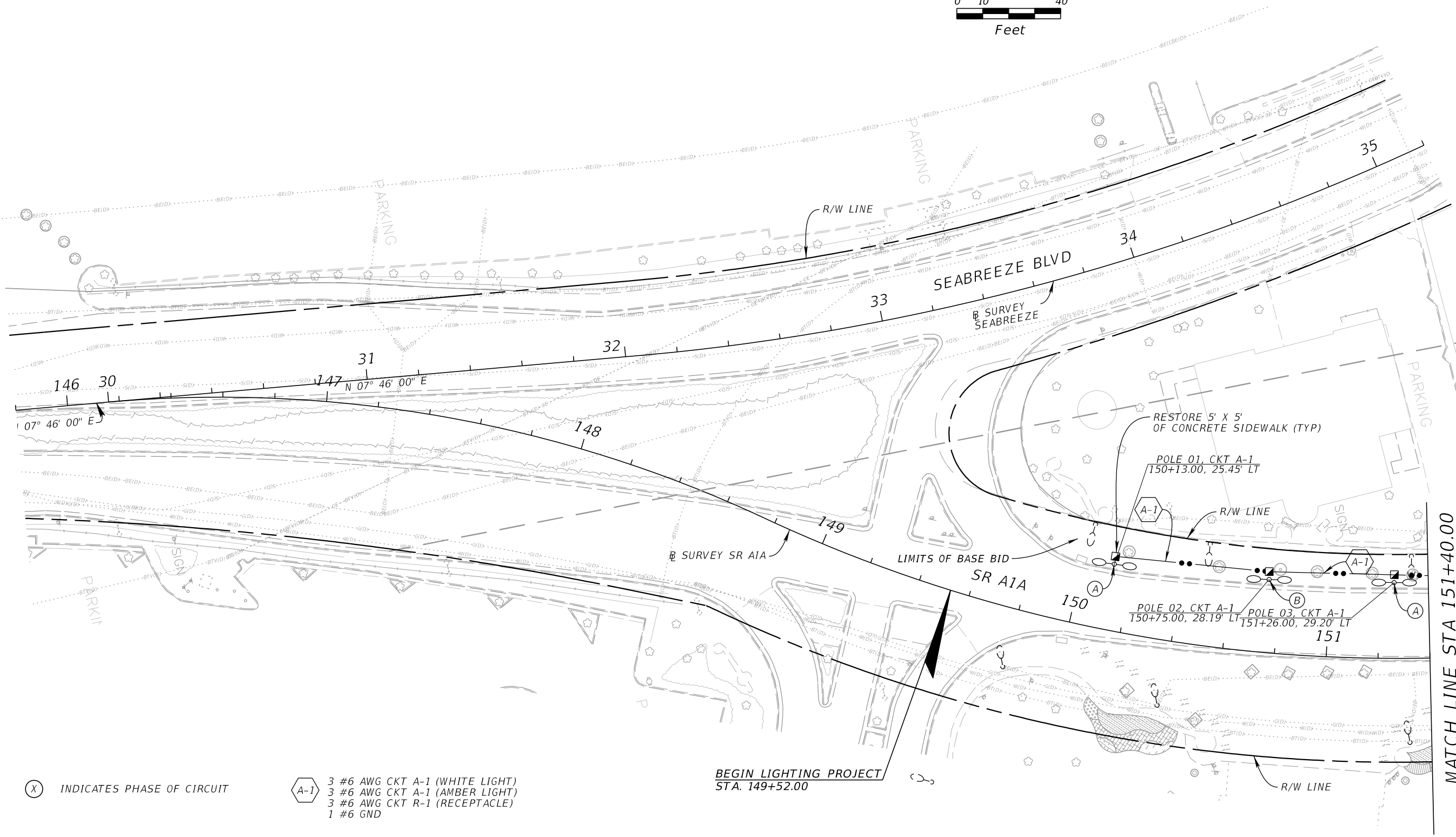
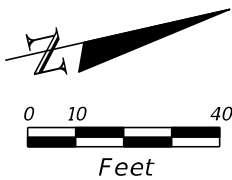
Exhibit 2

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

POLE DATA (NEW POLES)										POLE DATA (NEW POLES)											
POLE NO.	SHEET NO.	CIRCUIT	LOCATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	COLOR	FOUNDATION	PAY ITEM	POLE NO.	SHEET NO.	CIRCUIT	LOCATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	COLOR	FOUNDATION	PAY ITEM		
90	L-23	D-2	204+60.00, 25.95' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	117	L-27	F-1	224+20.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
91	L-23	D-2	205+60.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	118	L-27	F-1	224+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
92	L-23	D-2	206+20.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	119	L-27	F-1	225+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
93	L-24	D-2	206+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	120	L-27	F-1	226+00.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
94	L-24	D-2	208+04.00, 20.13' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	121	L-27	F-1	226+60.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
95	L-24	D-2	208+70.00, 19.81' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	122	L-27	F-1	227+20.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
96	L-24	D-2	209+30.00, 19.36' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	123	L-27	F-1	227+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
97	L-24	E-1	210+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	124	L-28	F-1	228+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
98	L-24	E-1	211+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	125	L-28	F-1	229+00.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
99	L-24	E-1	211+78.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	126	L-28	F-1	229+60.00, 20.23' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
100	L-25	E-1	213+00.00, 22.54' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	127	L-28	F-1	230+20.00, 20.47' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
101	L-25	E-1	213+55.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	128	L-28	F-1	231+20.00, 22.02' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
102	L-25	E-1	214+03.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	129	L-28	F-1	231+60.00, 23.40' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
103	L-25	E-1	214+63.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	130	L-28	F-1	232+40.00, 25.25' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
104	L-25	E-1	215+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315	131	L-28	F-1	233+53.00, 27.50' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315		
105	L-25	E-1	216+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
106	L-25	E-1	217+00.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
107	L-26	E-2	218+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
108	L-26	E-2	218+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
109	L-26	E-2	219+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
110	L-26	E-2	220+00.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
111	L-26	E-2	220+60.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
112	L-26	E-2	221+20.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
113	L-26	E-2	221+80.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
114	L-26	E-2	222+40.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
115	L-27	E-2	223+00.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
116	L-27	E-2	223+60.00, 19.87' LT	(2) 72 W	13' -6"	2' -3"	BLACK	SPREAD FOOTER	715-518-315												
REVISIONS								Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POLE DATA				SHEET CAM #20-0161 Exhibit 2 Page 24 of 52				
DATE	DESCRIPTION			DATE	DESCRIPTION					ROAD NO.	COUNTY	FINANCIAL PROJECT ID									
										A1A	BROWARD	424027-2-58-01									

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



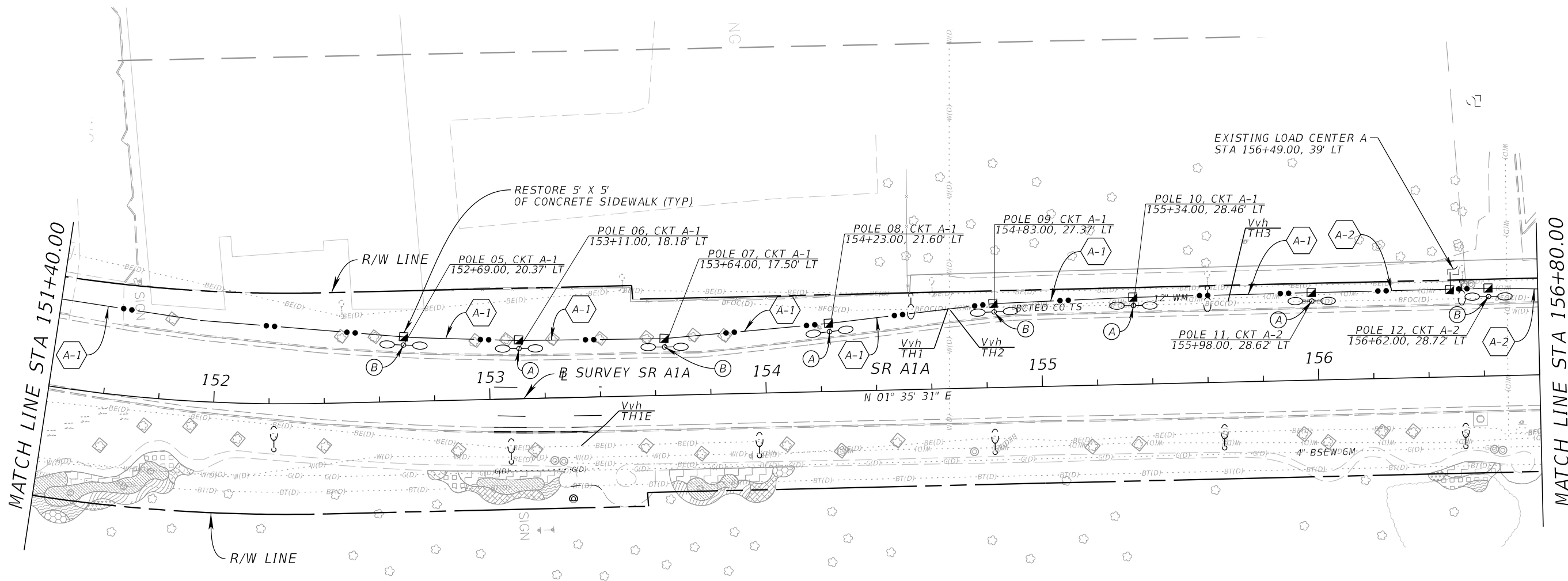
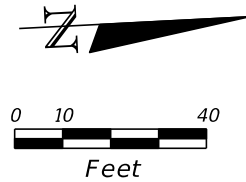
- (X) INDICATES PHASE OF CIRCUIT
- A-1

3 #6 AWG CKT A-1 (WHITE LIGHT)
3 #6 AWG CKT A-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND

BEGIN LIGHTING PROJECT
STA. 149+52.00

MATCH LINE STA 151+40.00

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	CAM #20161 Exhibit 2 Page 25 of 52	SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			



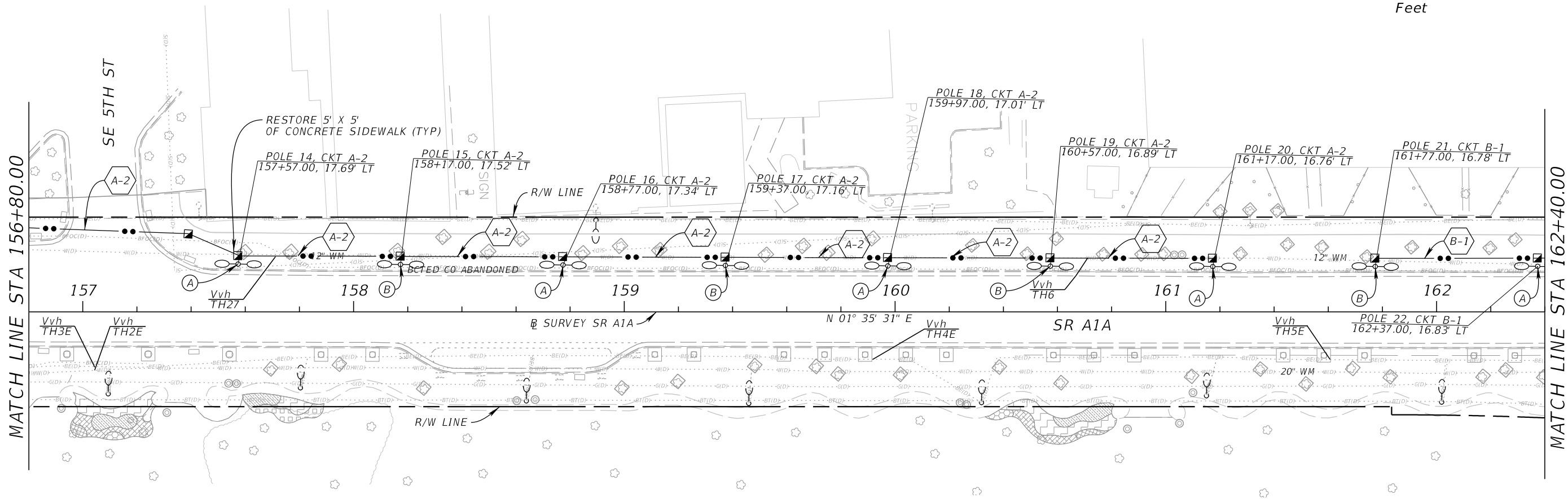
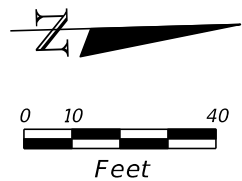
(X) INDICATES PHASE OF CIRCUIT

A-1 3 #6 AWG CKT A-1 (WHITE LIGHT)
3 #6 AWG CKT A-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND

A-2 3 #6 AWG CKT A-2 (WHITE LIGHT)
3 #6 AWG CKT A-2 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	CAM #20161 Exhibit 2 Page 26 of 52	SHEET 1612
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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

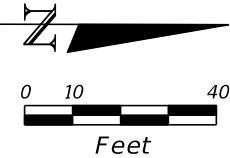
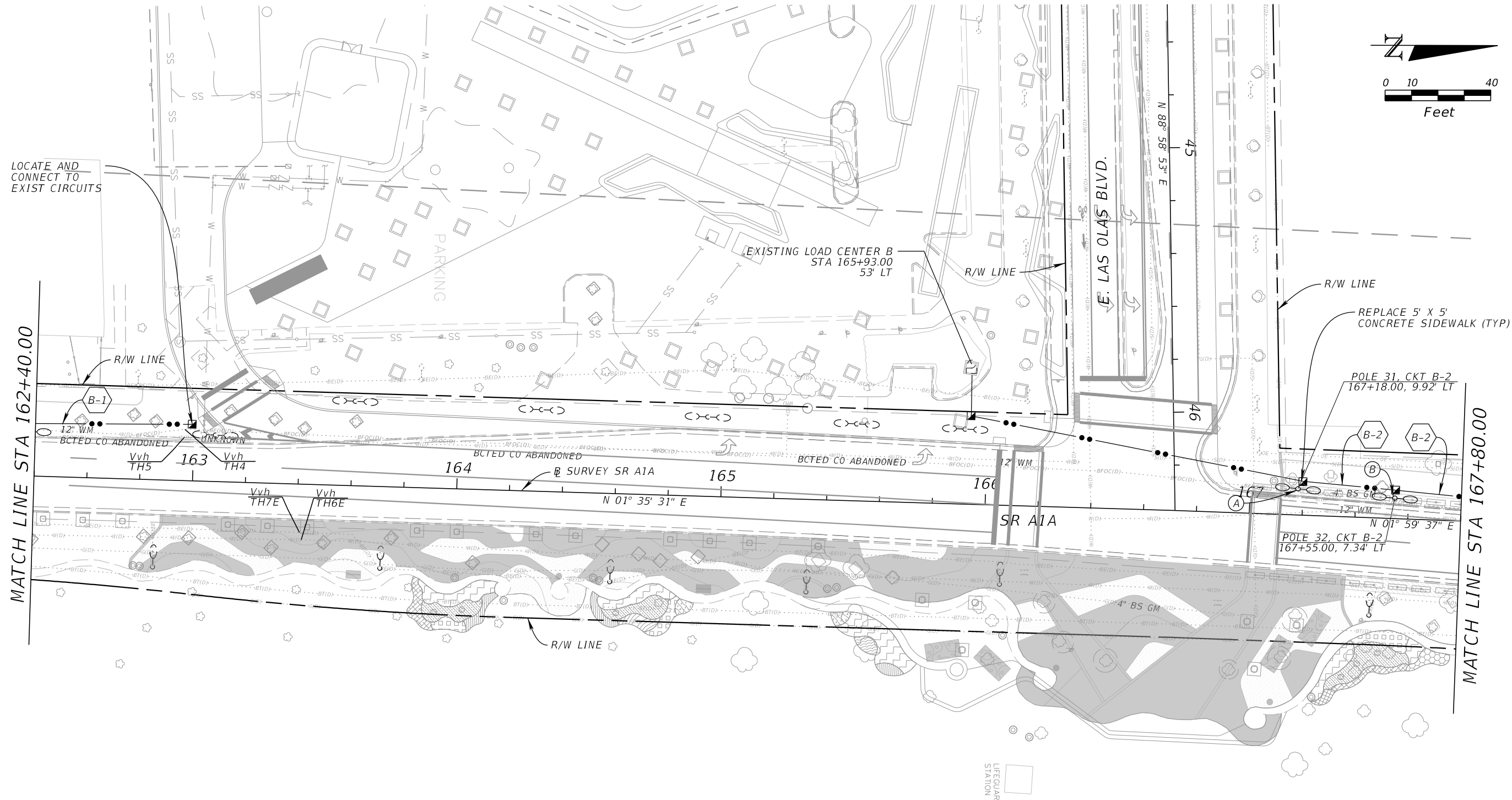


(X) INDICATES PHASE OF CIRCUIT

- A-2 3 #6 AWG CKT A-2 (WHITE LIGHT)
3 #6 AWG CKT A-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND
- B-1 3 #6 AWG CKT B-1 (WHITE LIGHT)
3 #6 AWG CKT B-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	SHEET CAM #20161 Exhibit 2 Page 27 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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



(X) INDICATES PHASE OF CIRCUIT



3 #6 AWG CKT B-1 (WHITE LIGHT)
3 #6 AWG CKT B-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND



3 #6 AWG CKT B-2 (WHITE LIGHT)
3 #6 AWG CKT B-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

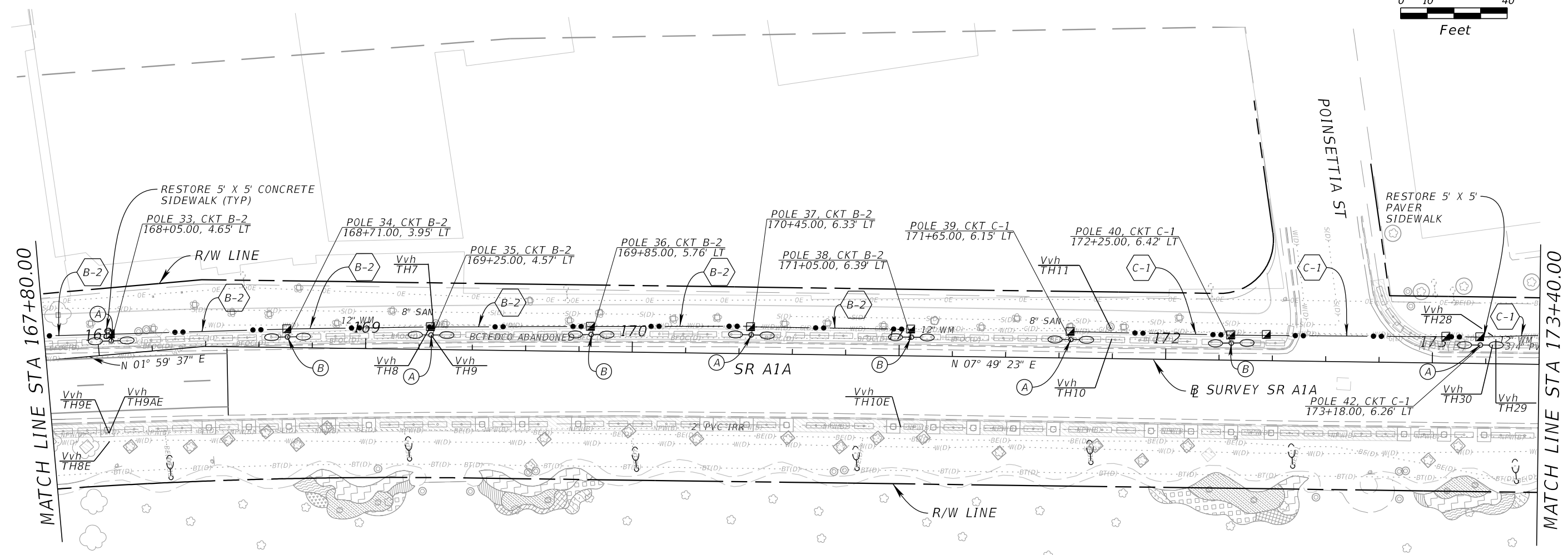
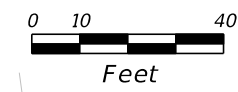
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley-Horn and Associates, Inc.
Certificate Of Authorization No. 696
Matthew B. Fursetzer, P.E.
P.E. License No. 63997
1920 Wekiva Way, Suite 200
West Palm Beach, Florida 33411

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	424027-2-58-01

LIGHTING PLAN

SHEET
CAM #20161
Exhibit 2
Page 28 of 52



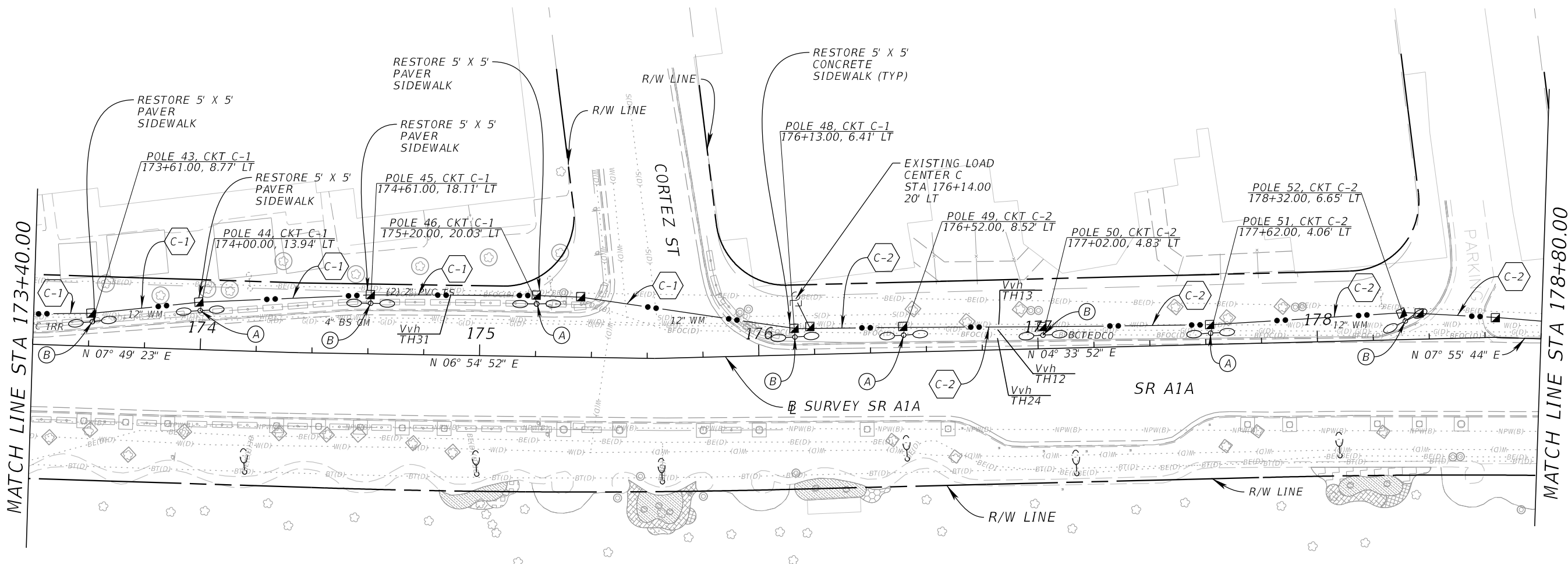
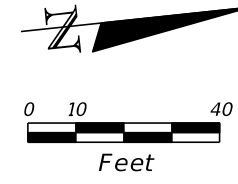
(X) INDICATES PHASE OF CIRCUIT

- B-2
- 3 #6 AWG CKT B-2 (WHITE LIGHT)
 - 3 #6 AWG CKT B-2 (AMBER LIGHT)
 - 3 #6 AWG CKT R-2 (RECEPTACLE)
 - 1 #6 GND

- C-1
- 3 #6 AWG CKT C-1 (WHITE LIGHT)
 - 3 #6 AWG CKT C-1 (AMBER LIGHT)
 - 3 #6 AWG CKT R-1 (RECEPTACLE)
 - 1 #6 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

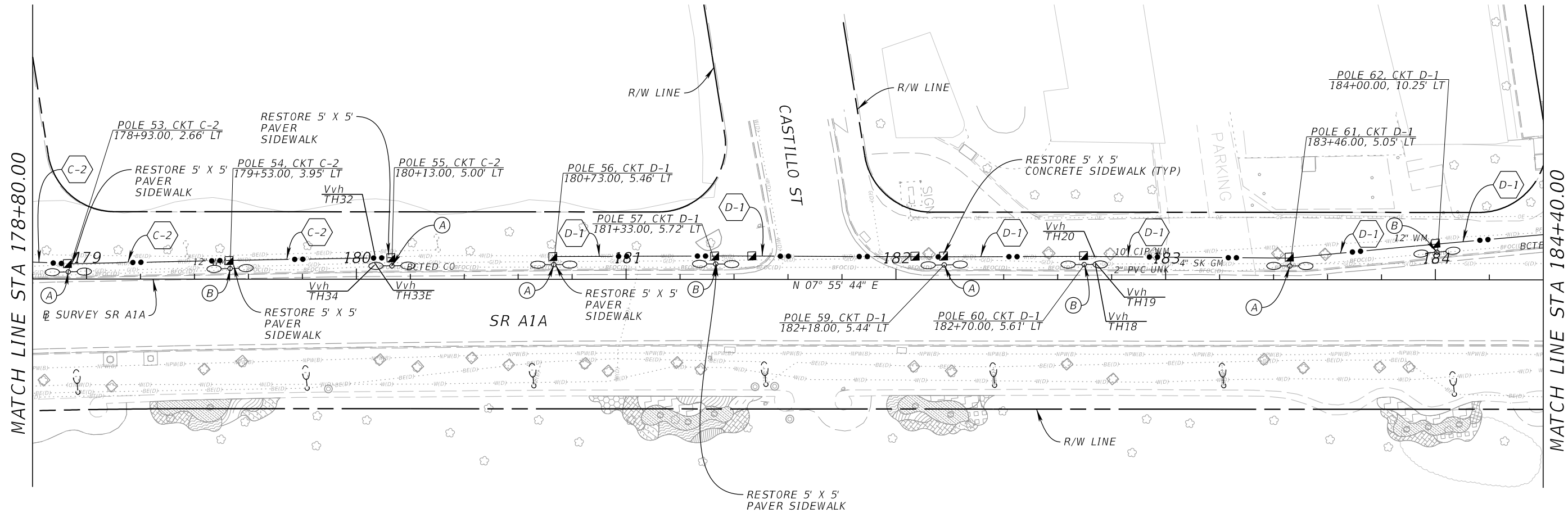
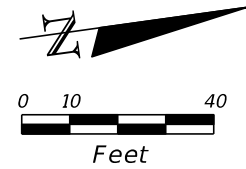
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- (X) INDICATES PHASE OF CIRCUIT
- (C-1) 3 #6 AWG CKT C-1 (WHITE LIGHT)
3 #6 AWG CKT C-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND
- (C-2) 3 #6 AWG CKT C-2 (WHITE LIGHT)
3 #6 AWG CKT C-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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- (X)

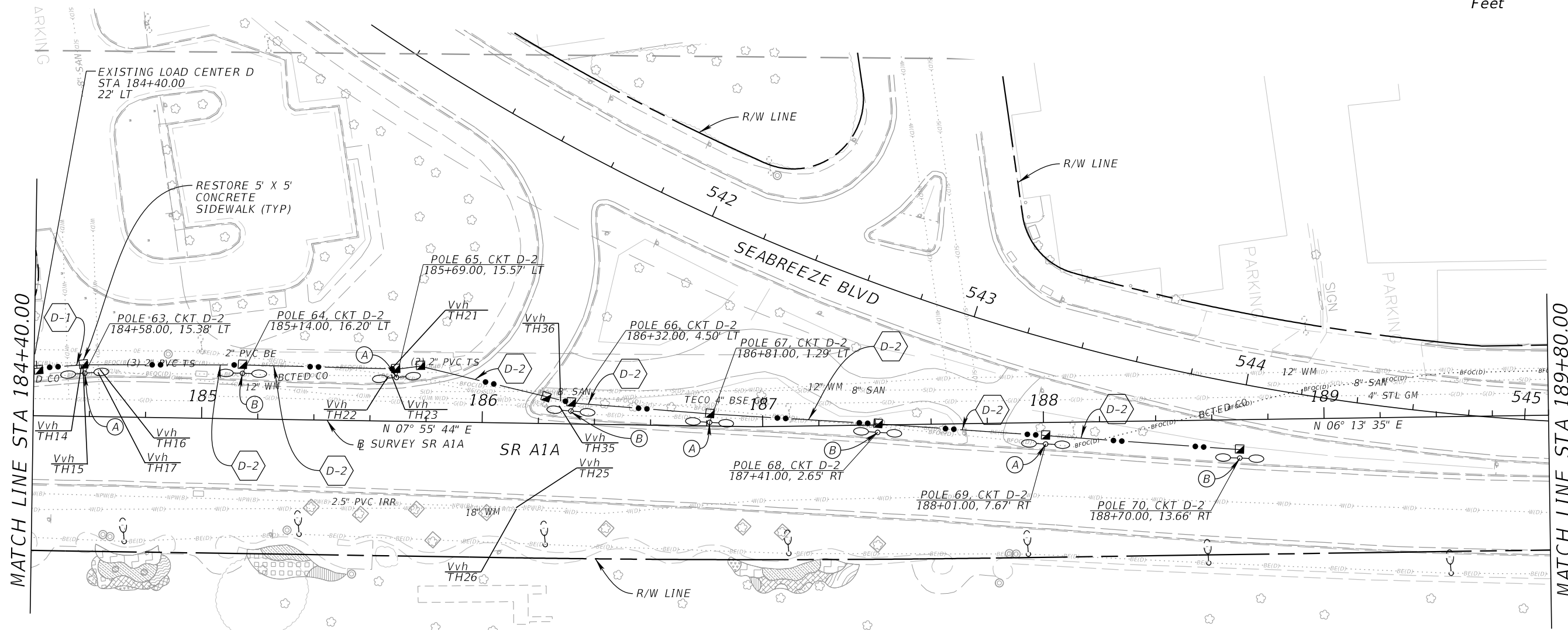
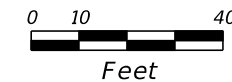
INDICATES PHASE OF CIRCUIT
- C-2

3 #6 AWG CKT C-2 (WHITE LIGHT)
3 #6 AWG CKT C-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND
- D-1

3 #6 AWG CKT D-1 (WHITE LIGHT)
3 #6 AWG CKT D-1 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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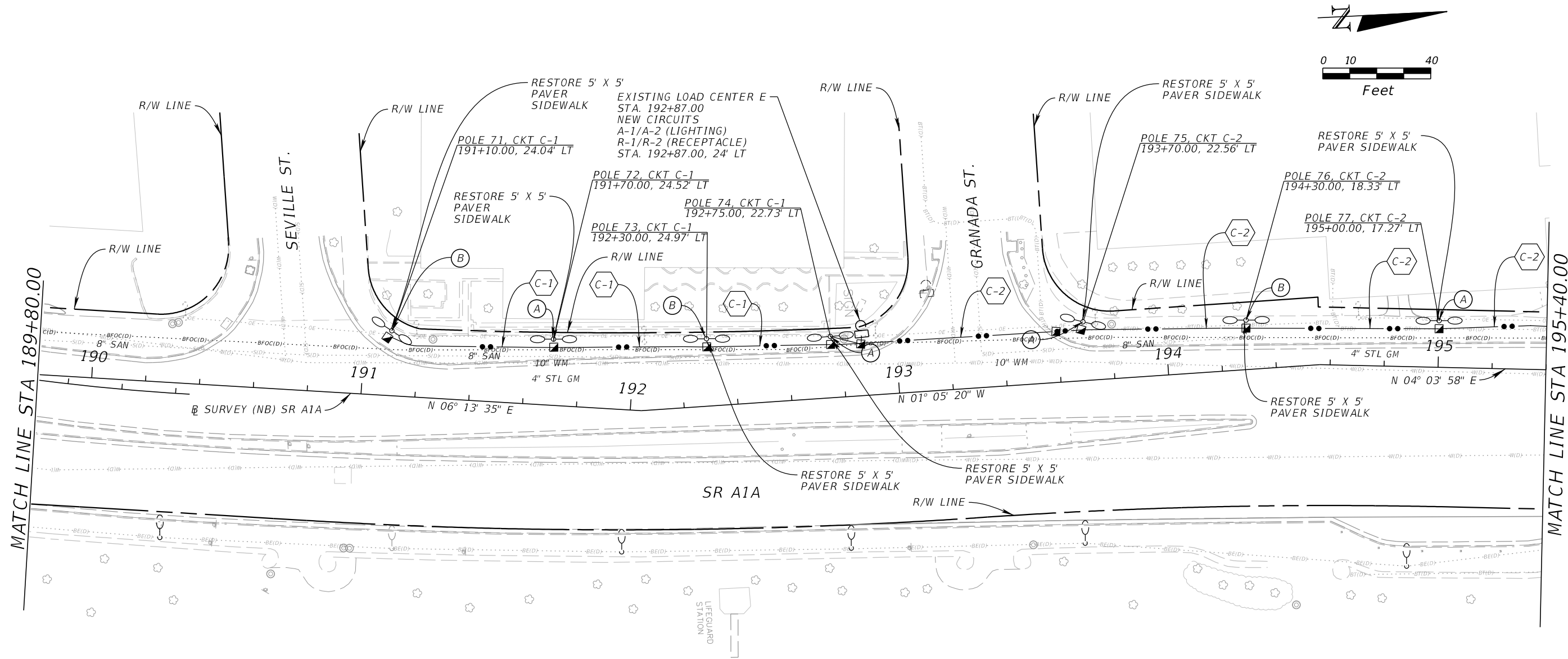


(X) INDICATES PHASE OF CIRCUIT

D-2 3 #6 AWG CKT D-2 (WHITE LIGHT)
3 #6 AWG CKT D-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

D-1 3 #6 AWG CKT D-1 (WHITE LIGHT)
3 #6 AWG CKT D-1 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	SHEET CAM #20161 Exhibit 2 Page 32 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		



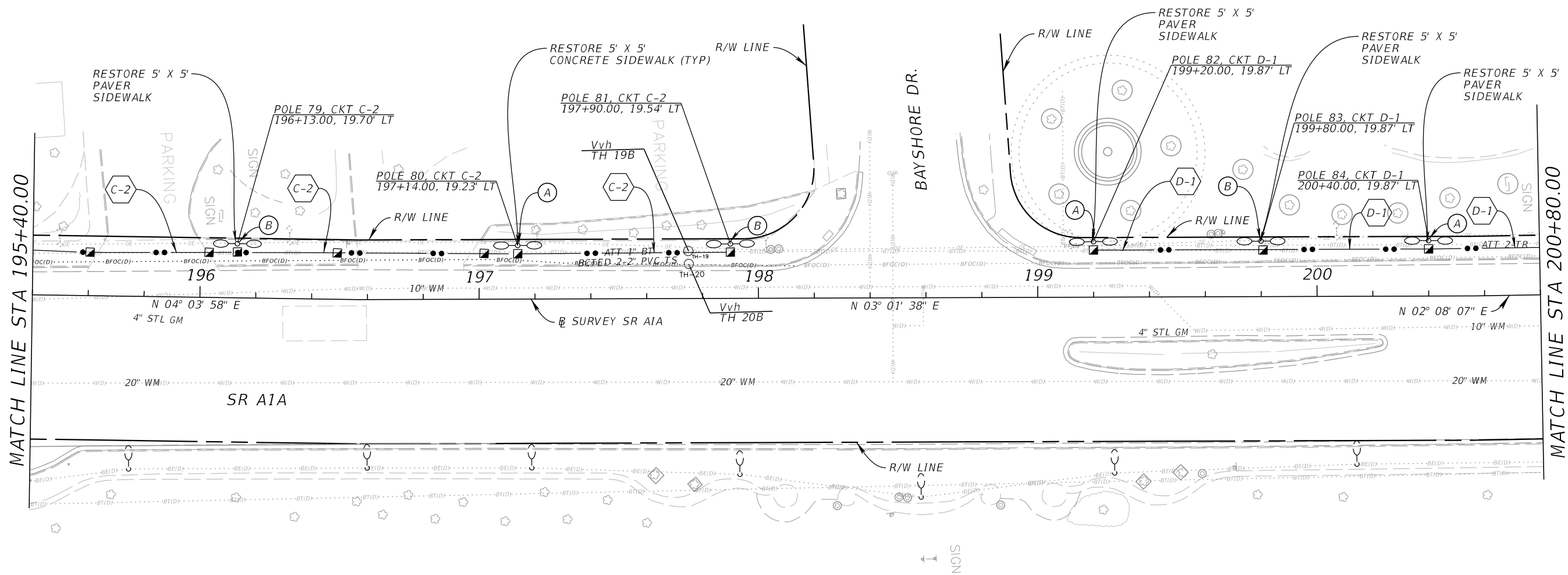
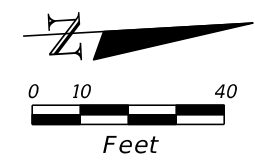
(X) INDICATES PHASE OF CIRCUIT

C-1 3 #6 AWG CKT C-1 (WHITE LIGHT)
3 #6 AWG CKT C-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND

C-2 3 #6 AWG CKT C-2 (WHITE LIGHT)
3 #6 AWG CKT C-2 (AMBER LIGHT)
3 #6 AWG CKT R-2 (RECEPTACLE)
1 #6 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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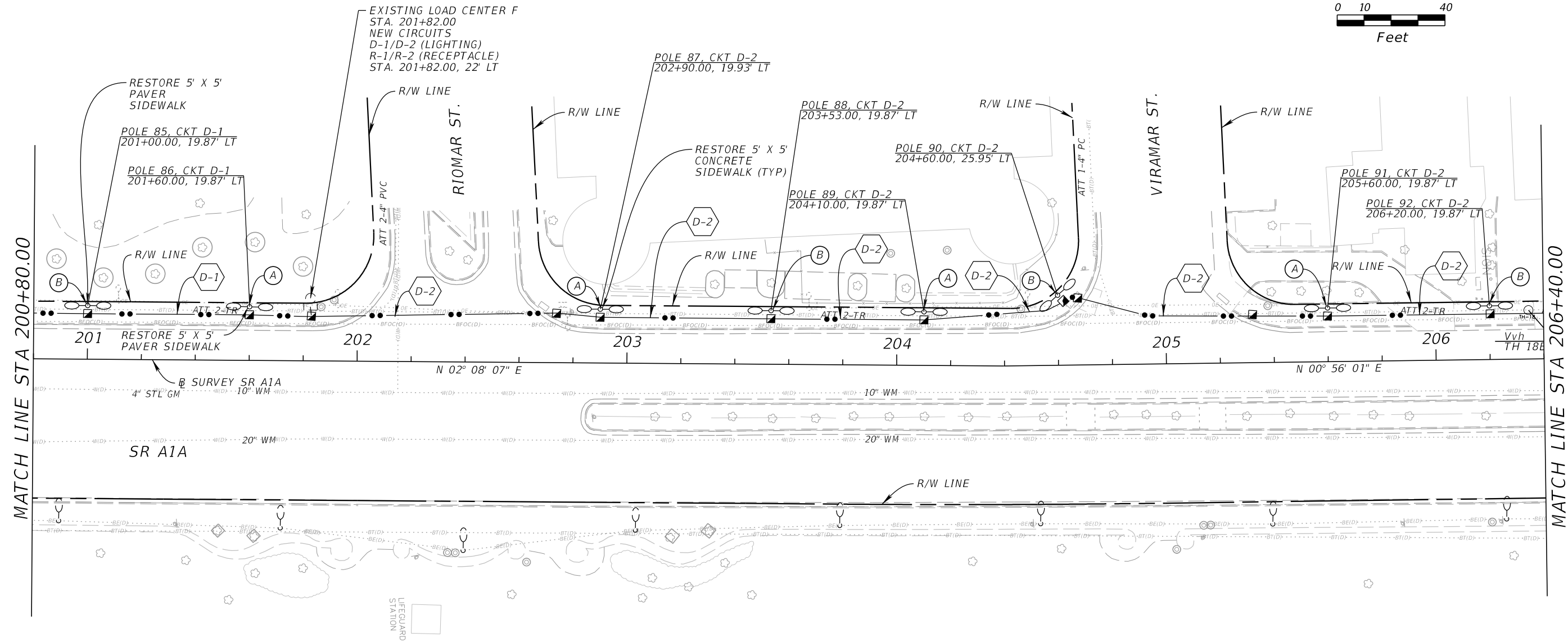
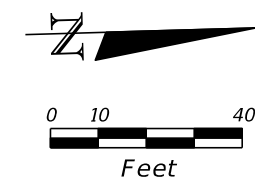


- (X) INDICATES PHASE OF CIRCUIT
- C-2**
- 3 #6 AWG CKT C-2 (WHITE LIGHT)
 - 3 #6 AWG CKT C-2 (AMBER LIGHT)
 - 3 #6 AWG CKT R-2 (RECEPTACLE)
 - 1 #6 GND
- D-1**
- 3 #6 AWG CKT D-1 (WHITE LIGHT)
 - 3 #6 AWG CKT D-1 (AMBER LIGHT)
 - 3 #6 AWG CKT R-1 (RECEPTACLE)
 - 1 #6 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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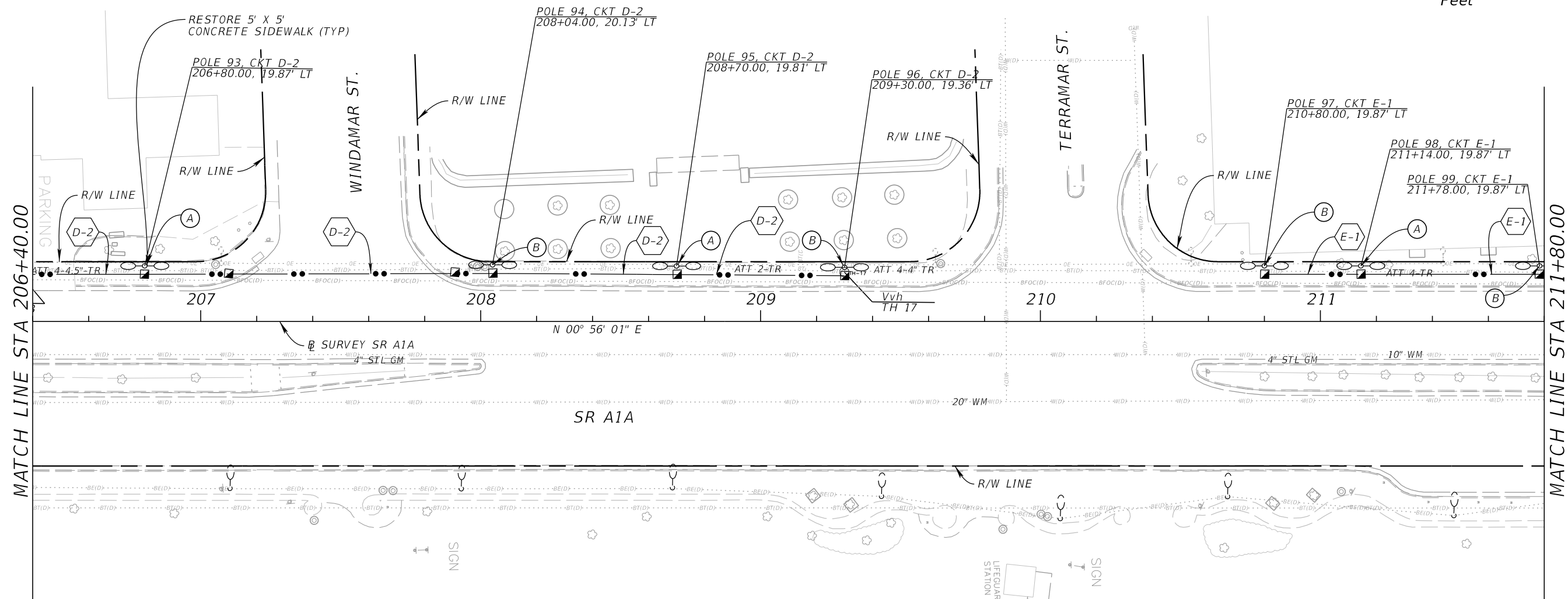
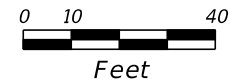
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- (X) INDICATES PHASE OF CIRCUIT
- D-1 3 #6 AWG CKT D-1 (WHITE LIGHT)
3 #6 AWG CKT D-1 (AMBER LIGHT)
3 #6 AWG CKT R-1 (RECEPTACLE)
1 #6 GND
- D-2 3 #6 AWG CKT D-2 (WHITE LIGHT)
3 #6 AWG CKT D-2 (AMBER LIGHT)
3 #2 AWG CKT R-2 (RECEPTACLE)
1 #2 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

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

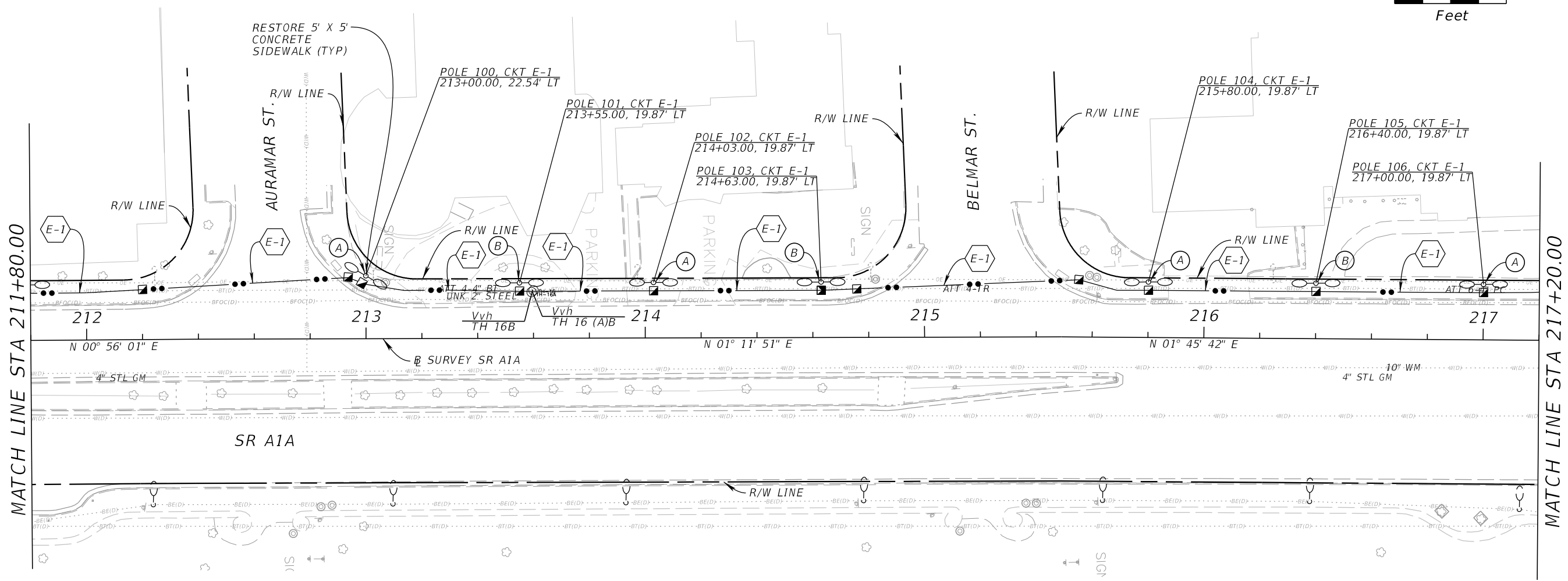
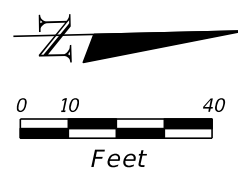


(X) INDICATES PHASE OF CIRCUIT

- D-2
- 3 #6 AWG CRT D-2 (WHITE LIGHT)
 - 3 #6 AWG CRT D-2 (AMBER LIGHT)
 - 3 #2 AWG CRT R-2 (RECEPTACLE)
 - 1 #2 GND
- E-1
- 3 #6 AWG CKT E-1 (WHITE LIGHT)
 - 3 #6 AWG CKT E-1 (AMBER LIGHT)
 - 3 #2 AWG CKT R-1 (RECEPTACLE)
 - 1 #2 GND

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

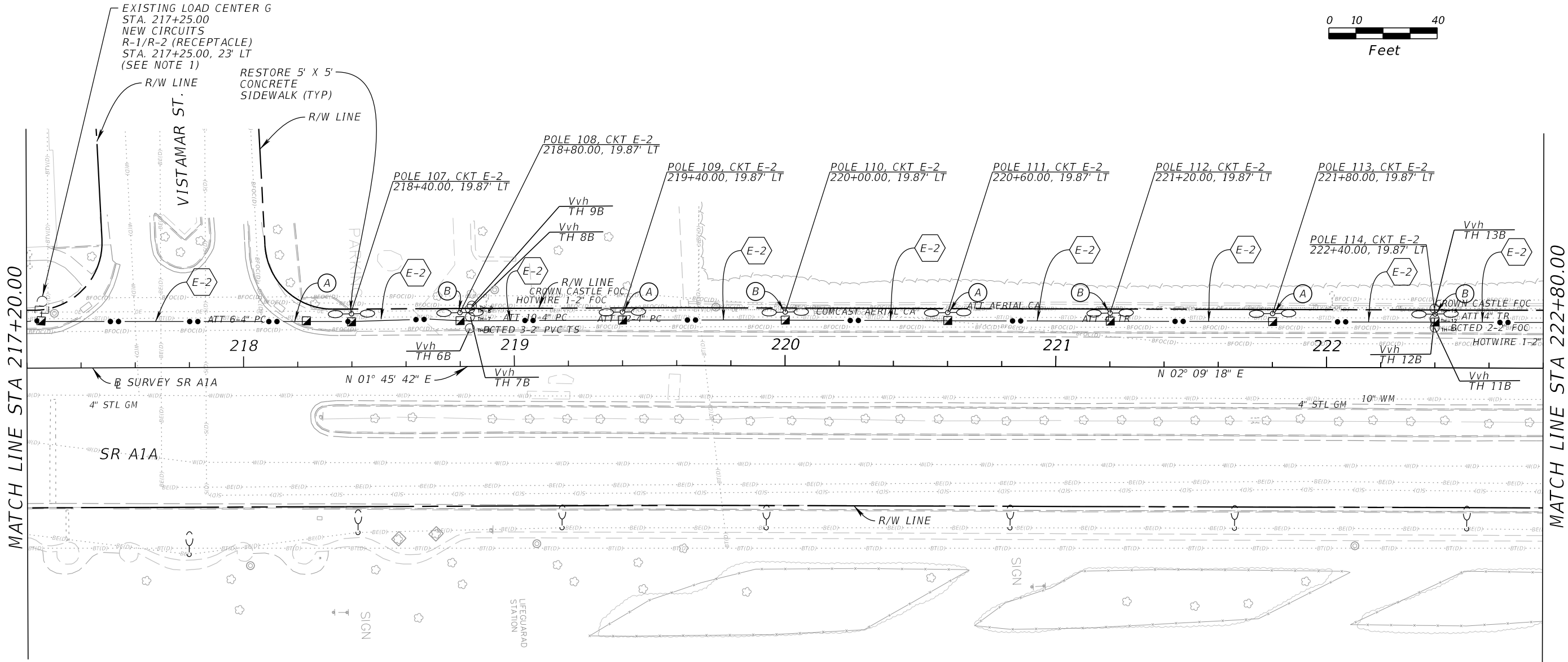
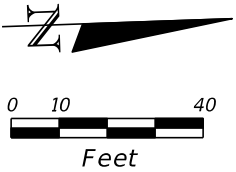
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- (X) INDICATES PHASE OF CIRCUIT
- E-1
- 3 #6 AWG CKT E-1 (WHITELIGHT)
 - 3 #6 AWG CKT E-1 (AMBER LIGHT)
 - 3 #2 AWG CKT R-1 (RECEPTACLE)
 - 1 #2 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	SHEET CAM #20161 Exhibit 2 Page 37 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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



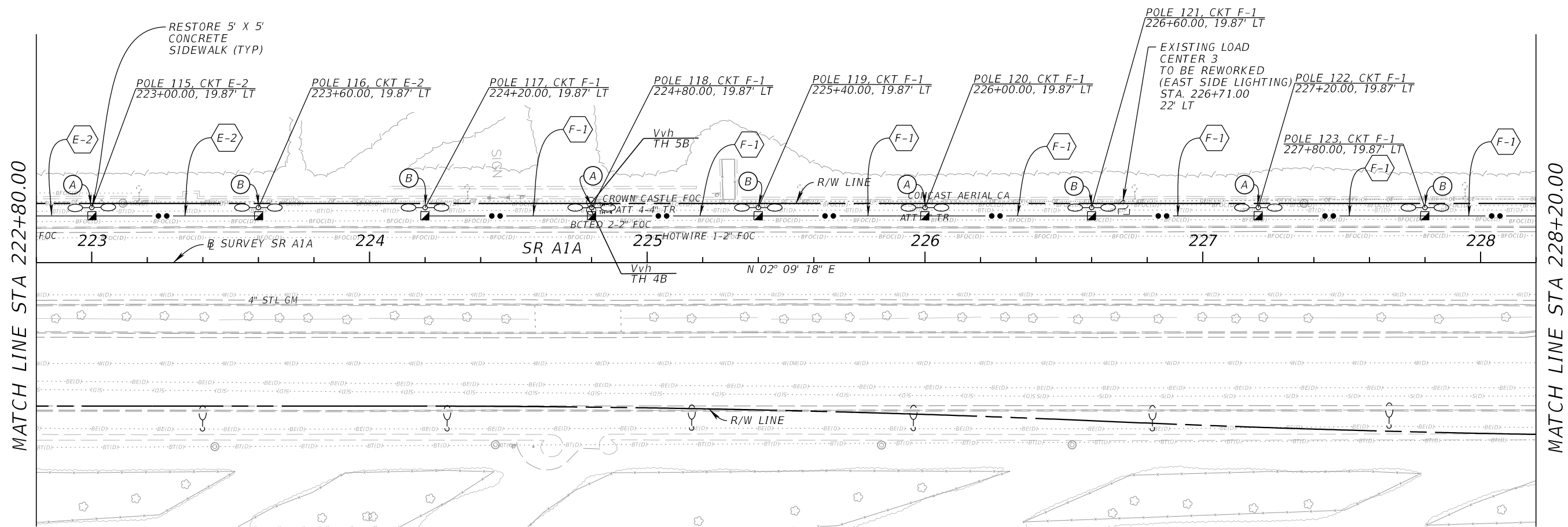
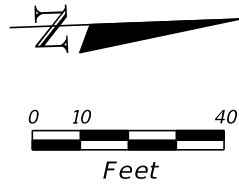
(X) INDICATES PHASE OF CIRCUIT

- E-2 3 #6 AWG CKT E-2 (WHITE LIGHT)
- 3 #6 AWG CKT E-2 (AMBER LIGHT)
- 3 #2 AWG CKT R-2 (RECEPTACLE)
- 1 #2 GND

NOTE 1:
CONTRACTOR SHALL PROVIDE NETWORK GATEWAY FOR SMART LIGHTING CONTROL SYSTEM.
SEE SHEET 31 FOR REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH CONTROLS
VENDOR AND ENGINEER FOR FINAL LOCATION OF THE GATEWAY EQUIPMENT.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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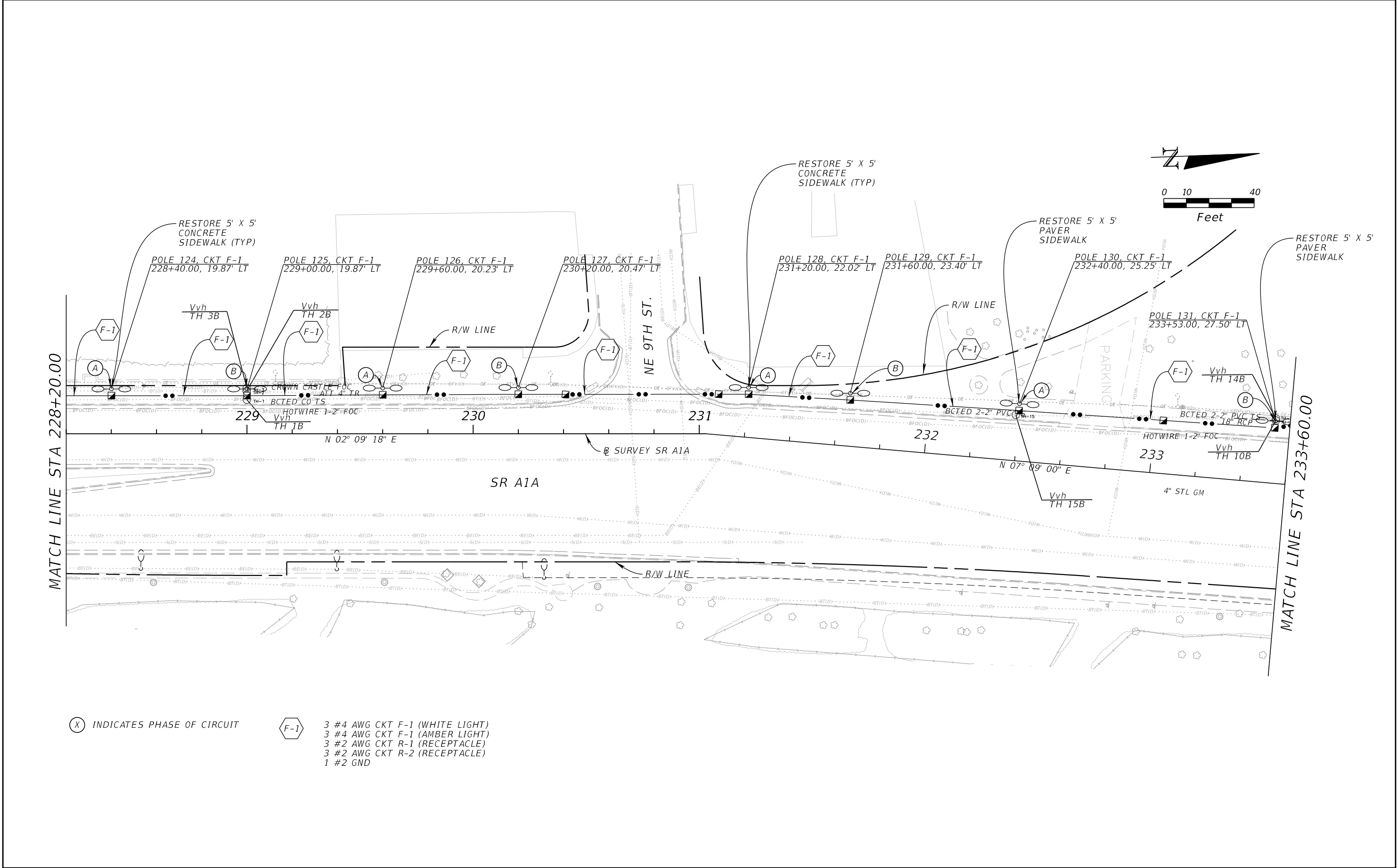


- (X) INDICATES PHASE OF CIRCUIT
- E-2**
- 3 #6 AWG CKT E-2 (WHITE LIGHT)
 - 3 #6 AWG CKT E-2 (AMBER LIGHT)
 - 3 #2 AWG CKT R-2 (RECEPTACLE)
 - 1 #2 GND
- F-1**
- 3 #4 AWG CKT F-1 (WHITE LIGHT)
 - 3 #4 AWG CKT F-1 (AMBER LIGHT)
 - 3 #2 AWG CKT R-1 (RECEPTACLE)
 - 3 #2 AWG CKT R-2 (RECEPTACLE)
 - 1 #2 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		LIGHTING PLAN	CAM #20161 Exhibit 2 Page 39 of 52	SHEET #161
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO. A1A	COUNTY BROWARD	FINANCIAL PROJECT ID 424027-2-58-01		

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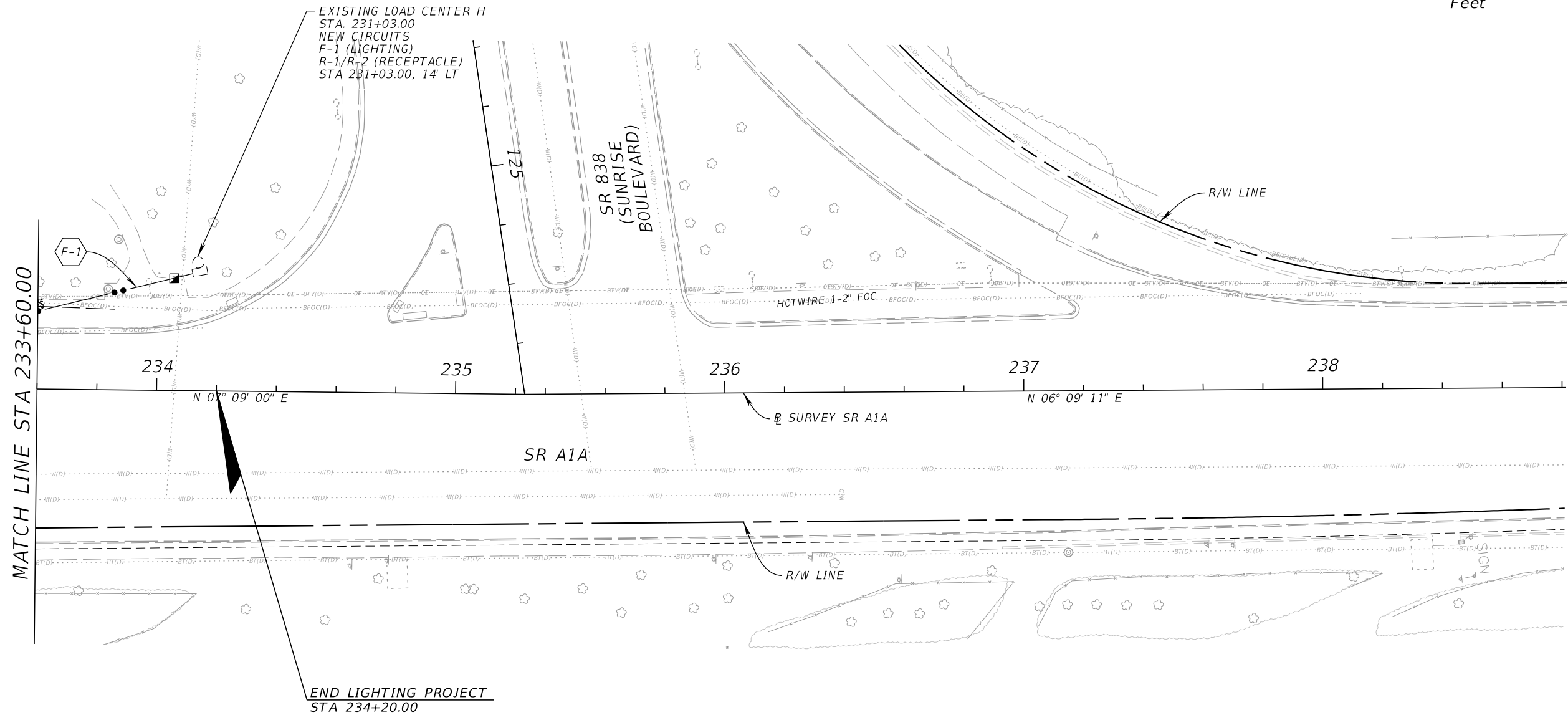
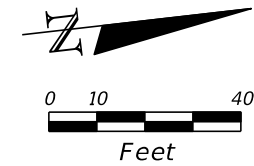
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- (X) INDICATES PHASE OF CIRCUIT
- F-1
- 3 #4 AWG CKT F-1 (WHITE LIGHT)
 - 3 #4 AWG CKT F-1 (AMBER LIGHT)
 - 3 #2 AWG CKT R-1 (RECEPTACLE)
 - 3 #2 AWG CKT R-2 (RECEPTACLE)
 - 1 #2 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		LIGHTING PLAN	CAM #20161 Exhibit 2 Page 40 of 52	SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY			
					A1A	BROWARD			
					FINANCIAL PROJECT ID	424027-2-58-01			

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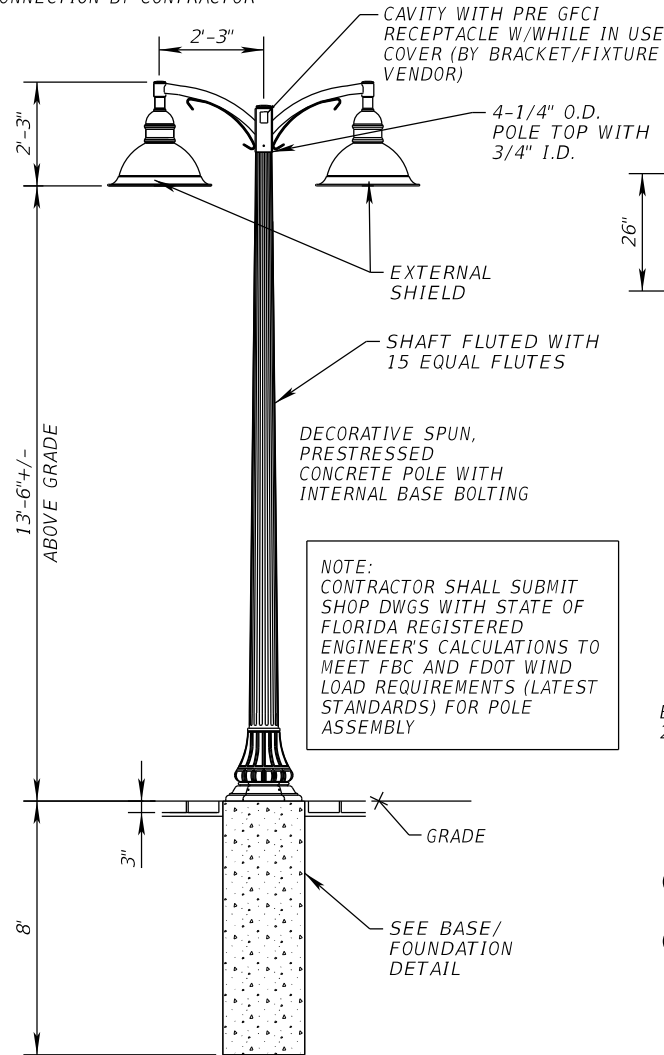


- (X) INDICATES PHASE OF CIRCUIT
- (F-1) 3 #4 AWG CKT F-1 (WHITE LIGHT)
3 #4 AWG CKT F-1 (AMBER LIGHT)
3 #2 AWG CKT R-1 (RECEPTACLE)
3 #2 AWG CKT R-2 (RECEPTACLE)
1 #2 GND

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	SHEET CAM #20161 Exhibit 2 Page 41 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

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NOTE:
FIXTURE AND ARM SHALL BE
PRE-ASSEMBLED AND PRE-WIRED
BY MANUFACTURE FOR SINGLE
POINT CONNECTION BY CONTRACTOR



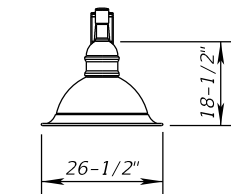
SPUNCAST PRESTRESSED WASHINGTON STYLE INTERNAL BASE PLATE
CONCRETE POLE BY AMERON POLE PRODUCTS

POLES SHALL BE FORMED AS SINGLE PIECE POLE CONSISTING OF A
TAPERED 4-1/4" TO 7" FIFTEEN FLUTE SHAFT AND A 21" DIAMETER BY 24"
HIGH DECORATIVE BASE TO AN OVERALL LENGTH OF 14'-6". THE POLE
SHALL BE MOUNTED TO A CONCRETE FOUNDATION WITH (4) STAINLESS
STEEL BOLTS ON A 9" BOLT PATTERN TO A STAINLESS STEEL INTERNAL
POLE ADJUSTER PLATE. THE POLE BASE ACCESSIBLE BY A CONCRETE
HAND HOLE COVER. THE POLE SHALL BE FORMED WITH BLACK EXPOSED
AGGREGATES WITH AMERSHIELD ANTI-GRAFFITI COATING APPLIED.

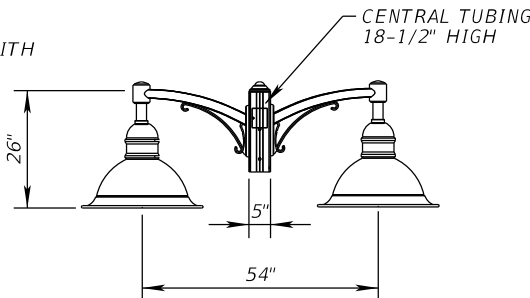
POLE DESIGNATION: 26ST14(123I)SPECIAL (WITH TENON)
POLE WEIGHT: 480 LBS

LIGHT POLE DETAIL

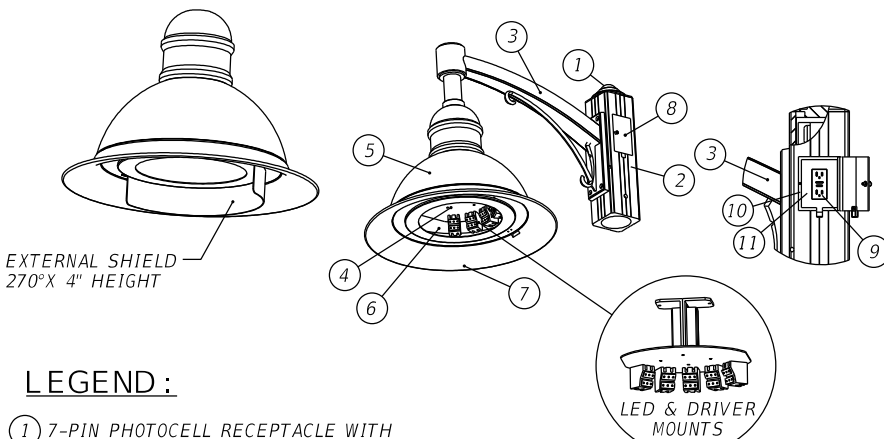
N.T.S.



FRONT VIEW



TWIN FIXTURE/BRACKET



LEGEND:

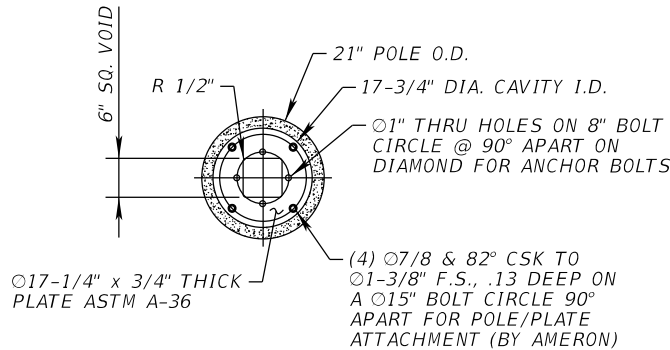
- 1 7-PIN PHOTOCELL RECEPTACLE WITH 7-PIN SMART PHOTOCELL.
- 2 CAST ALUMINUM SQUARE CENTRAL TUBING TO FIT POLE TOP TENON 4" DIA. X 8", (4) 3/8-16 SS SET SCREWS & (1) 1/2"-13 X 5" SS MACHINE SCREW THREADED TO CENTRAL TUBING FOR TORSION ROTATION- CONTRACTOR SHALL DRILL TENON PER TEMPLATE PROVIDED BY VERTEX ILLUMINATION OF AMERICA
- 3 CAST ALUMINUM ARM WITH DECORATIVE SCROLL BOLTED TO CAST CENTRAL TUBING & 1-1/4" SS NIPPLE THREADED INTO ARM AND SECURED WITH LOCKNUT INSIDE FIXTURE HOUSING
- 4 LED DRIVERS MOUNT INSIDE ELECTRICAL COMPARTMENT INDEPENDENT FROM LED LIGHT ENGINE CAN BE REPLACED OR UPGRADED; VOLTAGE 120-277 V
- 5 FORMED ALUMINUM HOUSING-HOUSES TWO TIER LED ARRAYS, VERTICAL AND HORIZONTAL AIMING ANGLES, ASSYMMETRICAL DISTRIBUTION WITH NO LIGHT DIRECTED TOWARDS THE HOUSE SIDE - LED ARRAY CREE XP-E-AMBER COLOR
- 6 TEMPERED FLAT FROSTED GLASS LENS
- 7 CAST ALUMINUM LOWER FRAME
- 8 CAST ALUMINUM IN-USE DOOR FOR GFCI WITH FULL NYLON HINGE AND HEX HEAD NYLON SCREW AND RUBBER GASKET
- 9 DUPLEX GFCI RECEPTACLE-125VA-15A
- 10 JUNCTION BOX FOR GFCI
- 11 PROVIDE AND INSTALL A 3A IN-LINE FUSE AND FUSE HOLDER WITHIN THE JUNCTION BOX FOR THE GFCI RECEPTACLE.

FIXTURE NOTES:

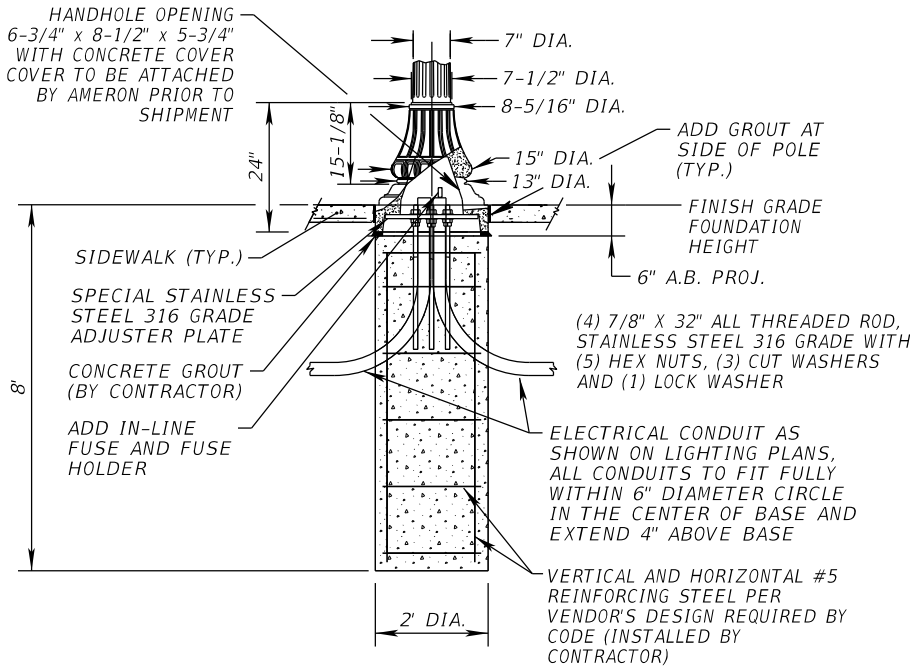
FIXTURES/BRACKETS BY VERTEX ILLUMINATIONS OF AMERICA (VIA) UTILIZING
GLOSS BLACK FINISH, DARK SKY/TURTLE FRIENDLY FULL CUTOFF OPTICS

THE ENTIRE BRACKET/FIXTURE ASSEMBLY IS PRE-WIRED FOR EASY ONE POINT
CONNECTION AT BOTTOM OF CENTRAL TUBING

WEST SIDE
TWIN FIXTURE AND TWIN BRACKET ASSEMBLY:
FIXTURE: CITTA-FLL-72W LED AMBER-TRLE-240V-GLOSS-BLACK
BRACKET: FCL-FLL-BR2-27-BKTX
EXTERNAL 270 DEGREE SHIELD: CAT. #CITTA 270S-4-GLOSS-BLACK
EPA ASSEMBLY: 5.25 SQ FT; WEIGHT ASSEMBLY: 164 LBS



BOTTOM VIEW WITH SPECIAL ADJUSTER PLATE

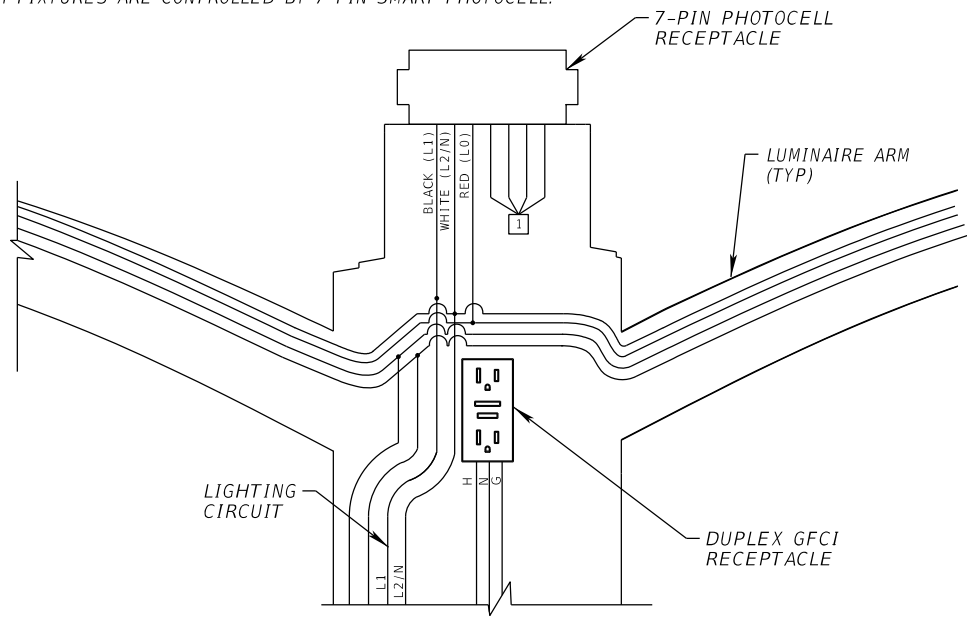


BASE / FOUNDATION DETAIL

N.T.S.

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING DETAILS	SHEET CAM #20161 Exhibit 2 Page 42 of 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					A1A	BROWARD	424027-2-58-01		

1 CONTRACTOR SHALL CONNECT DIMMING AND CONTROL WIRING PER MANUFACTURING RECOMMENDATIONS SUCH THAT BOTH FIXTURES ARE CONTROLLED BY 7-PIN SMART PHOTOCELL.



LIGHT POLE WIRING
DIAGRAM (TYP)

NETWORK GATEWAY FOR SMART LIGHTING CONTROL
SYSTEM REQUIREMENTS

CONTRACTOR SHALL FURNISH AND INSTALL A LIGHTING NETWORK CONTROLS SYSTEM THAT MEETS THE FOLLOWING MINIMUM REQUIREMENTS.

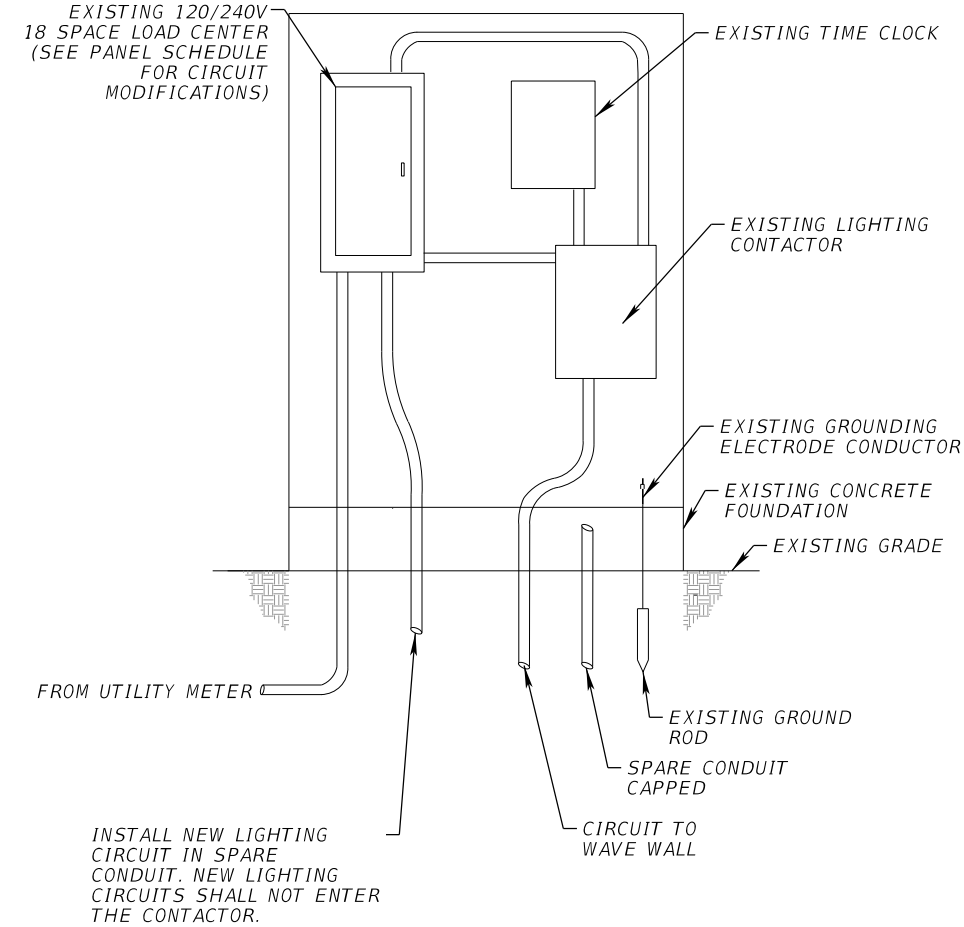
1. CONTRACTOR SHALL COORDINATE WITH THE SELECTED LIGHTING CONTROLS VENDOR FOR FINAL QUANTITY AND PLACEMENT OF GATEWAYS AND NETWORK EQUIPMENT.
2. LIGHTING NETWORK SHALL BE ABLE TO BE ACCESSED, MONITORED, AND CONTROLLED VIA SMARTPHONE APPLICATION AND WEB APPLIANCE.
3. NETWORK CONTROLS SHALL FACILITATE DIMMING FUNCTIONALITY AS WELL AS THE SWITCHING BETWEEN AMBER AND WHITE LED BOARDS.
4. NETWORK GATEWAY SHALL BE CONNECTED TO SMART 7PIN RECEPTACLE INSTALLED ON THE STREET LIGHTS.

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING DETAILS	CAM #20161 Exhibit 2 Page 44 of 52
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					A1A	BROWARD	424027-2-58-01		

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PHOTO OF TYPICAL LOAD CENTER
FEEDING WEST SIDE LIGHTS



CABINET MODIFICATION DETAIL (TYP.)
FEEDS LIGHTS ON WEST SIDE OF A1A

Load Center A Panel Schedule													
Existing Panel Location: SE 5th, STA 156+49.00 Equipment Cabinet Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex					
Spare	-	1	20		-	7	8		Ex	20	2	Exist.	Exist F/O
Lighting (Poles 1-10), CKT A-1, White	6	2	20	6.0		9	10	15.0					
					6.0	11	12		15.0				
Lighting (Poles 1-10), CKT A-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 11-20), CKT A-2, White	6	2	20	6.0		13	14	15.0		20	2	4	Receptacles (Poles 11-20)
					4.8	15	16		12.0				
Lighting (Poles 11-20), CKT A-2, Amber	6	2	20	*				*					
					*				*				
Space	-	-	-	-		17	18	-		-	-	-	Space
		Total A/Phase (New)		12.0	10.8			30.0	27.0	Total A/Phase (New)			
Notes: 1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.													

Load Center B Panel Schedule													
Existing Panel		Location: East Las Olas Blvd Sta 165+93.00 Equipment Cabinet				Volts: 120/240		Phase 1		Wire: 3		Hertz: 60	
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex		20	2	Exist.	Exist F/O
Spare	-	1	20		-	7	8		Ex				
Lighting (Poles 21-22), CKT B-1, White	6	2	20	4.8		9	10	12.0		20	2	4	Receptacles (Poles 21-22)
					4.8	11	12		12.0				
Lighting (Poles 21-22), CKT B-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 31-38), CKT B-2, White	6	2	20	4.8		13	14	12.0		20	2	4	Receptacles (Poles 31-38)
					4.8	15	16		12.0				
Lighting (Poles 31-38), CKT B-2, Amber	6	2	20	*				*					
					*				*				
Space	-	-	-	-		17	18	-		-	-	-	Space
Notes:		Total A/Phase (New)		9.6	9.6			24.0	24.0	Total A/Phase (New)			
		1. Contractor shall match AIC rating of existing panel and breakers.											
		2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.											

*WHITE AND AMBER LIGHTS DO NOT OPERATE SIMULTANEOUSLY. DUPLICATE LOADS NOT SHOWN.

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Load Center C Panel Schedule													
Existing Panel Location: Cortez St. Sta 176+14.00 Equipment Cabinet Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex		20	2	Exist.	Exist F/O
Spare	-	1	20		-	7	8		Ex				
Lighting (Poles 39-40,42-46 ,48), CKT C-1,White	6	2	20	6.0		9	10	15.0		20	2	4	Receptacles (Poles 39-40 ,42-46,48)
					4.8	11	12		12.0				
Lighting (Poles 39-40,42-46 ,48),CKT C-1, Amber	6	2	20										
Lighting (Poles 49-55) ,CKT-C-2, White	6	2	20	4.8		13	14	12.0		20	2	6	Receptacles (Poles 49-55)
					3.6	15	16		9.0				
Lighting (Poles 49-55),CKT C-2, Amber	6	2	20	*				*					
					*				*				
Space	-	-	-	-		17	18	-		-	-	-	Space
		Total A/Phase (New)		10.8	8.4			27.0	21.0	Total A/Phase (New)			
Notes: <div>1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.</div>													

Load Center D Panel Schedule													
Existing Panel Location: A1A Sebastian Street Sta 184+40.00 Equipment Cabinet Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex		20	2	Exist.	Exist F/O
Spare	-	1	20		-	7	8		Ex				
Lighting (Poles 56-57,59-62), CKT D-1, White	6	2	20	3.6		9	10	9.0		20	2	6	Receptacles (Poles 56-57 ,59-62)
					3.6	11	12		9.0				
Lighting (Poles 56-57,59-62), CKT D-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 63-70), CKT D-2,White	6	2	20	4.8		13	14	12.0		20	2	4	Receptacles (Poles 63-70)
					4.8	15	16		12.0				
Lighting (Poles 63-70), CKT D-2, Amber	6	2	20	*				*					
					*				*				
Space	-	-	-	-		17	18	-		-	-	-	Space
		Total A/Phase (New)		8.4	8.4			21.0	21.0	Total A/Phase (New)			
Notes: <div>1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.</div>													

*WHITE AND AMBER LIGHTS DO NOT OPERATE SIMULTANEOUSLY. DUPLICATE LOADS NOT SHOWN.

REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WEST SIDE LOAD CENTER DETAILS	CAM #20161 Exhibit 2 Page 46 of 52	SHEET 46 of 52
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Load Center E Panel Schedule													
Existing Panel Location: Granada St. Sta. 192+87.00 Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex					
Spare	-	1	20		-	7	8		Ex	20	2	Exist.	Exist F/O
Lighting (Poles 71-74) CKT C-1, White	6	2	20	2.4		9	10	6.0					
					2.4	11	12		6.0	20	2	6	Receptacles (Poles 71-74)
Lighting (Poles 71-74) CKT C-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 75-81) CKT C-2, White	6	2	20	4.8		13	14	12.0		20	2	6	Receptacles (Poles 75-81)
					3.6	15	16		9.0				
Lighting (Poles 75-81) CKT C-2, Amber	6	2	20	*				*					
					*				*				
Space				-		17	18	-					Space
		Total A/Phase (New)		7.2	6.0			18.0	15.0	Total A/Phase (New)			
Notes:				1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.									

Load Center F Panel Schedule													
Existing Panel Location: Riomar St. Sta 201+82.00 Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex					
Spare	-	1	20		-	7	8		Ex	20	2	Exist.	Exist F/O
Lighting (Poles 82-86) CKT D-1, White	6	2	20	3.6		9	10	9.0					
Lighting (Poles 82-86) CKT D-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 87-96) CKT D-2, White	6	2	20	6.0		13	14	15.0		20	2	2	Receptacles (Poles 87-96)
					6.0	15	16		15.0				
Lighting (Poles 87-96) CKT D-2, Amber	6	2	20	*				*					
					*				*				
Space				-		17	18	-					Space
		Total A/Phase (New)		9.6	8.4			24.0	21.0	Total A/Phase (New)			
Notes:		1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.											

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REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WEST SIDE LOAD CENTER DETAILS	CAM #20161 Exhibit 2 Page 47 of 52	SHEET #0161
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Load Center G Panel Schedule													
Existing Panel Location: Vistamar St. Sta. 217+25.00 Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex					
Spare	-	1	20		-	7	8		Ex	20	2	Exist.	Exist F/O
Lighting (Poles 97-106) CKT E-1, White	6	2	20	6.0		9	10	15.0					
					6.0	11	12		15.0				
Lighting (Poles 97-106) CKT E-1, Amber	6	2	20	*				*					
					*				*				
Lighting (Poles 107-116) CKT E-2, White	6	2	20	6.0		13	14	15.0		20	2	2	Receptacles (Poles 107-116)
					6.0	15	16		15.0				
Lighting (Poles 107-116) CKT E-2, Amber	6	2	20	*				*					
					*				*				
Space				-		17	18	-					Space
		Total A/Phase (New)		12.0	12.0			30.0	30.0	Total A/Phase (New)			
Notes:				1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.									

Load Center H Panel Schedule													
Existing Panel Location: Sunrise Blvd. Sta. 231+03.00 Volts: 120/240 Phase 1 Wire: 3 Hertz: 60													
MCB: (See Note 2) Main AIC: (See Note 1) Branch AIC: (See Note 1) ENCL. (NEMA): 1 MTG: Surface													
100 Amp, 18 Space , Ground Bar, Locking Cover, Panel Card.													
Description of Load Served	Wire Size	Breaker		A/Phase		CKT No.	CKT No.	A/Phase		Breaker		Wire Size	Description of Load Served
		Pole	Amp	A	B			A	B	Amp	Pole		
Exist. Receptacle	Exist.	1	20	Ex		1	2	Ex		20	1	Exist.	Exist Time Clock
Exist. F/O	Exist.	2	20		Ex	3	4		Ex	20	1	Exist.	Exist Lights
				Ex		5	6	Ex		20	2	Exist.	Exist F/O
Spare	-	1	20		-	7	8		Ex				
Lighting (Poles 117-132) CKT F-1, White	6	2	20	9.6		9	10	9.0		20	2	2	Receptacles (Poles 117-132)
					9.6	11	12		9.0				
Lighting (Poles 117-132) CKT F-1, Amber	6	2	20	*				*					
					*			*					
Space				-		13	14	15.0		20	2	2	
Space					-	15	16		15.0				
Space				-		17	18	-					Space
		Total A/Phase (New)		9.6	9.6			24.0	24.0	Total A/Phase (New)			
Notes:				1. Contractor shall match AIC rating of existing panel and breakers. 2. Contractor shall replace existing 50A main breaker with a proposed 70A main breaker.									

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TRAFFIC CONTROL GENERAL NOTES

GENERAL :

1. THE TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE FDOT PLANS, THE LATEST FDOT STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION (102 SERIES), THE LATEST STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA. PROJECT AREAS THAT ARE NOT ACTIVE CONSTRUCTION AREAS ARE TO BE KEPT FREE OF CONSTRUCTION DEBRIS AND ANY UNNECESSARY TRAFFIC CONTROL DEVICES AT THE DIRECTION OF THE PROJECT ENGINEER.
2. THE CONTRACTOR SHALL MAINTAIN AS A MINIMUM OF 1 LANE IN EACH DIRECTION ALONG EXISTING SR A1A AND 2 LANES IN EACH DIRECTION DURING NON-WORK PERIODS.
3. THE PROJECT ENGINEER MAY ADJUST LANE CLOSURE TIMES IF CONDITIONS WARRANT.
4. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
5. THE PROVISIONS FOR TRAFFIC DISRUPTIONS WHICH ARE NOT SHOWN BY THE TRAFFIC CONTROL PLAN, BUT WHICH ARE NECESSARY TO CONSTRUCT THE PROJECT SHALL BE SUBMITTED IN WRITING TO THE ENGINEER AND APPROVAL SHALL BE OBTAINED 21 DAYS PRIOR TO COMMENCEMENT OF WORK. SUBMITTAL MATERIAL SHALL INCLUDE SKETCHES, CALCULATIONS AND OTHER DATA REQUIRED BY THE ENGINEER.
6. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING SIGNS WITHIN THE CONSTRUCTION LIMITS. A LIST OF THE EXISTING SIGNS SHALL BE SUBMITTED TO THE PROJECT ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION. ANY SIGNS WHICH ARE TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR. SIGNS SHOULD BE COVERED OR RELOCATED AS NECESSARY TO AVOID CONFLICT WITH THE TRAFFIC CONTROL PLAN. ANY DAMAGED OR LOST SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF THE MAINTENANCE OF EXISTING SIGNS COVERING AND RELOCATION OF SIGNS FOR PHASE CONSTRUCTION IS INCLUDED IN COST OF MAINTENANCE OF TRAFFIC.
8. THE CONTRACTOR'S FULL TIME CERTIFIED MAINTENANCE OF TRAFFIC SUPERVISOR SHALL BE ON SITE WHEN CONTRACTOR IS WORKING AND SHALL BE ON CALL FOR EMERGENCIES WHEN CONTRACTOR IS NOT WORKING.
9. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE 25 MPH. REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS.
10. THE REMOVAL AND REPLACEMENT OF ANY SECTIONS OF EXISTING CONCRETE/BRICK PAVER SIDEWALK AND CURB AND GUTTER SHALL BE COMPLETED WITHIN 48 HOURS.
11. THE CONTRACTOR SHALL COORDINATE WITH FDOT ASSET MANAGEMENT COMPANY (FERROVIAL SERVICES INRASTRUCTURE), FDOT CONTRACT MANAGER JOHN DEEMER AT 954-777-4450.
12. ALL WORK SHALL BE SUSPENDED AND THE CONTRACTOR SHALL BACKFILL ANY EXCAVATIONS, CLEAN UP THE PROJECT AND MAKE THE PROJECT SAFE FOR VEHICLE AND PEDESTRIAN MOVEMENT DURING SPECIAL EVENT DATES FROM MAY 4TH TO MAY 5TH FOR THE AIR AND SEA SHOW, ON MAY 16TH FROM 7:00 AM ANNUAL COVENANT HOUSE FLORIDA 5K RUN, FOR GREAT AMERICAN BEACH PARTY, MAY 25TH FROM 10:00 AM TO 8:30 PM, FOR 4TH OF JULY, 12:30 AM TO 9:30 PM, FOR MAY 27TH MEMORIAL DAY, AND SEPTEMBER 7TH FOR LABOR DAY WEEKEND. FOR A LIST OF SPECIAL EVENTS AND DATES THAT MAY AFFECT CONSTRUCTION ACTIVITIES CONTRACTOR SHALL CONTACT BARBARA SMITH AT (954) 828-6075 OR BASMITH@FORTLAUDERDALE.GOV. DATES SHOWN ARE PRELIMINARY AND ARE SUBJECT TO BE CHANGED. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR SPECIAL EVENT DATES IN 2019 AND 2020.

LANE CLOSURES:

14. THE CONTRACTOR SHALL BE PERMITTED TO CLOSE ONE LANE OF TRAFFIC IN EACH DIRECTION BETWEEN THE HOURS OF 11:30 PM AND 7:00 AM FOR SIGNALIZED LANES, AND 8:30 PM TO 8:00 AM FOR OPEN ROAD LANES. ADDITIONAL LANE CLOSURE TIMES SHALL BE APPROVED BY THE ENGINEER.
15. NIGHT TIME LANE CLOSURES WILL NOT BE ALLOWED ON SR A1A UNLESS APPROVED BY THE ENGINEER.
16. LANE CLOSURES SHALL NOT EXCEED 1/4 MILE IN TOTAL LENGTH TAPER, BUFFER SPACE AND WORK SPACE.

DROP OFFS:

17. AT THE END OF EACH WORK PERIOD, ANY DROP OFF IN THE AREA ADJACENT TO THE TRAVEL WAY SHALL BE PROTECTED WITH TEMPORARY BARRIER WALL AS REQUIRED BY FY 2019-20 FDOT STANDARD PLANS 102 SERIES.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A WORK SCHEDULE SO THAT ANY LOCATION UNDER CONSTRUCTION WILL NOT BE LEFT IN A HAZARDOUS CONDITION AT THE COMPLETION OF ANY WORK PERIOD.

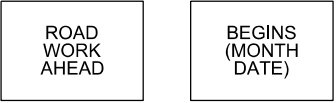
WORK ZONE LIMITS:

19. A PROJECT INFORMATION SIGN IS TO BE INCLUDED AT EACH END OF THE PROJECT. THE INFORMATION SIGN PHONE NUMBER CAN BE OBTAINED FROM THE BROWARD OPERATIONS CENTER OFFICE (954) 776-4300. THE PROJECT INFORMATION SIGNS SHALL BE DETAILED AS FOLLOWS:
20. PROJECT INFORMATION SIGN DETAIL



ADVANCED CONSTRUCTION NOTICE:

21. THE CONTRACTOR SHALL FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) ALONG SR-A1A (BOTH DIRECTIONS). MESSAGES FOR THE PCMS SHALL BE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE IN PLACE ONE WEEK PRIOR TO THE START OF ANY WORK ITEMS AFFECTING EXISTING VEHICULAR AND PEDESTRIAN TRAFFIC. PCMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. THE BID SHALL INCLUDE 2 SIGNS BEING IN OPERATION FOR THE LENGTH OF CONSTRUCTION, INCLUDING RELOCATION AND REMOVAL WHEN NOT IN USE. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE POSTED A WEEK AHEAD OF LANE CLOSURES AND 800 FEET AHEAD OF A CONSTRUCTION SITE.
22. THE FOLLOWING MESSAGES SHALL BE DISPLAYED FOR PORTABLE CHANGEABLE MESSAGE SIGNS:



LIGHTING:

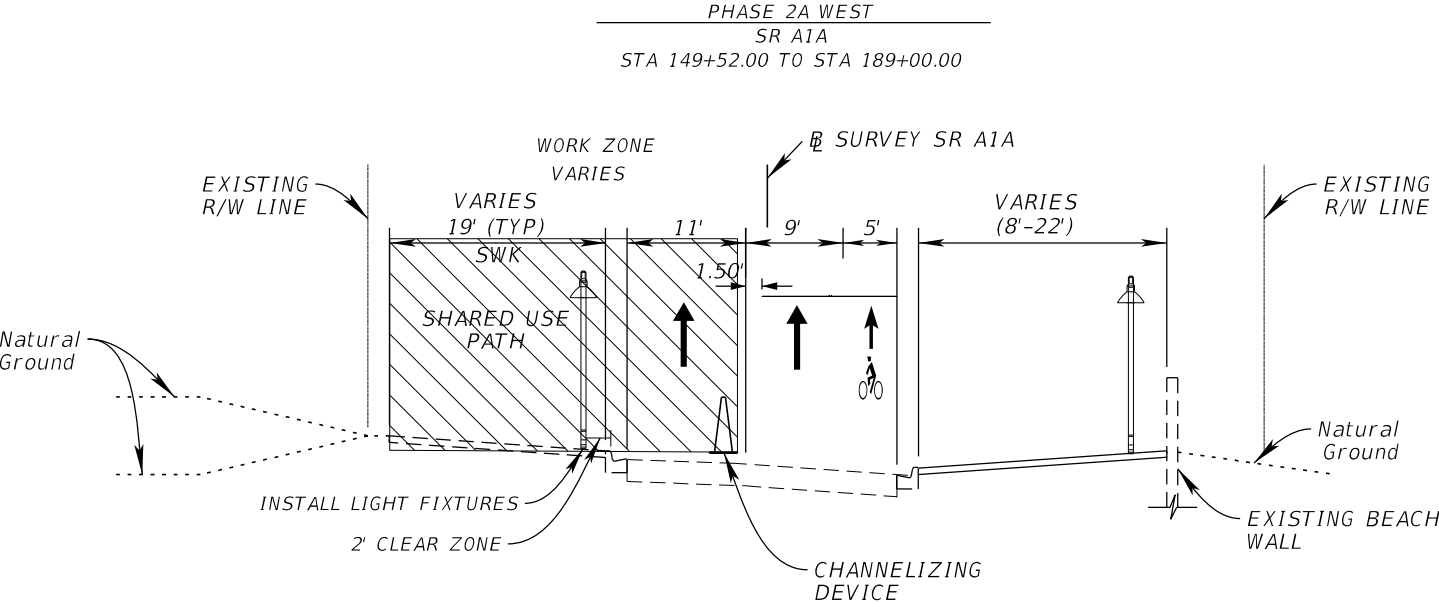
23. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN EXISTING ROADWAY LIGHTING DURING CONSTRUCTION AT ALL TIMES. THE COST OF MAINTAINING LIGHTING SYSTEM(S) SHALL BE INCLUDED IN BID FOR MAINTENANCE OF TRAFFIC. THE CONTRACTOR SHALL INSTALL THE PROPOSED LIGHTING SYSTEM INCLUDING CONDUIT, PULL BOXES AND SERVICE CONNECTIONS AND HAVE THE SYSTEM IN OPERATION BEFORE TAKING THE TEMPORARY LIGHTING SYSTEM OUT OF SERVICE.
24. CONTRACTOR SHALL COORDINATE WITH FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION. ACCEPTABLE AMBER LED BULB WAVELENGTHS BEFORE ORDERING AND/OR INSTALLING ANY PROPOSED OR TEMPORARY LIGHTING SYSTEMS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POWER TO THE EXISTING LIGHTING SYSTEM, AND THE NEW LIGHTING SYSTEM UNTIL FINAL ACCEPTANCE.

SEA TURTLE NESTING:

26. SEA TURTLE NESTING SEASON RUNS FROM MARCH 1 TO OCTOBER 31. THE CONTRACTOR SHALL CALL BROWARD COUNTY NATURAL RESOURCES AT (954) 519-1255 FOR ANY SEA TURTLE SIGHTINGS WITHIN THE CONSTRUCTION LIMITS.
27. NO BEACH ILLUMINATION WILL BE PERMITTED DURING SEA TURTLE NESTING SEASON (MARCH 1 THROUGH OCTOBER 31). SHOULD NIGHT TIME CONSTRUCTION BE NECESSARY DURING THAT PERIOD, THE CONTRACTOR SHALL SUBMIT TEMPORARY LIGHTING PLANS TO THE DISTRICT CONSTRUCTION ENVIRONMENTAL COORDINATOR AT (954) 777-4465 FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT.

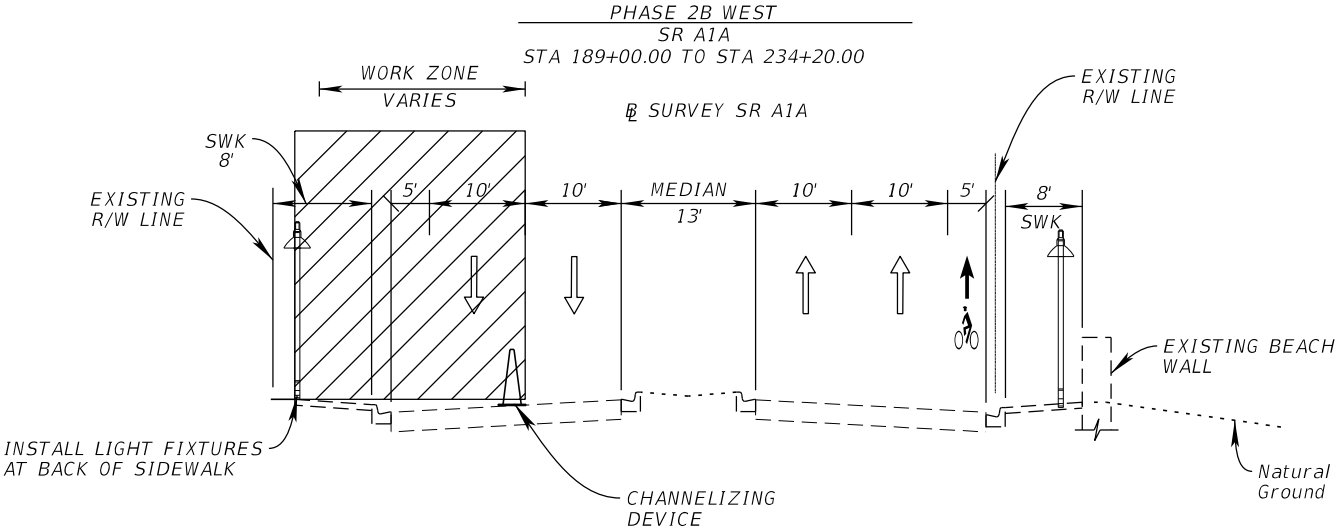
REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	CAM #20-0161 Exhibit 2 Page 49 of 52	SHEET 0161
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

TRAFFIC CONTROL PHASING NOTES:



PHASE 2A: WEST SIDE

1. INSTALL PCMS SIGNS PER ADVANCE CONSTRUCTION NOTICE NOTES.
2. INSTALL ADVANCE WARNING SIGNS, WORK ZONE SIGNS, OR TRAFFIC CONTROL DEVICES AS PER FY 2019-20 FDOT STANDARD PLANS 102 SERIES.
3. THE CONTRACTOR SHALL PERFORM ALL WORK ON ONE SIDE OF THE ROADWAY AT A TIME.
4. THE CONTRACTOR SHALL MAINTAIN THE SIDEWALK OPEN AT ALL TIMES BY PROVIDING A MINIMUM 5 FT. CLEAR SIDEWALK PASSAGE ADJACENT TO THE WORK ZONE.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED LIGHTING, LANDSCAPING AND HARDSCAPE ALONG THE WEST SIDE OF THE CORRIDOR WITHIN LIMITS OF DESIGNATED WORK ZONE.

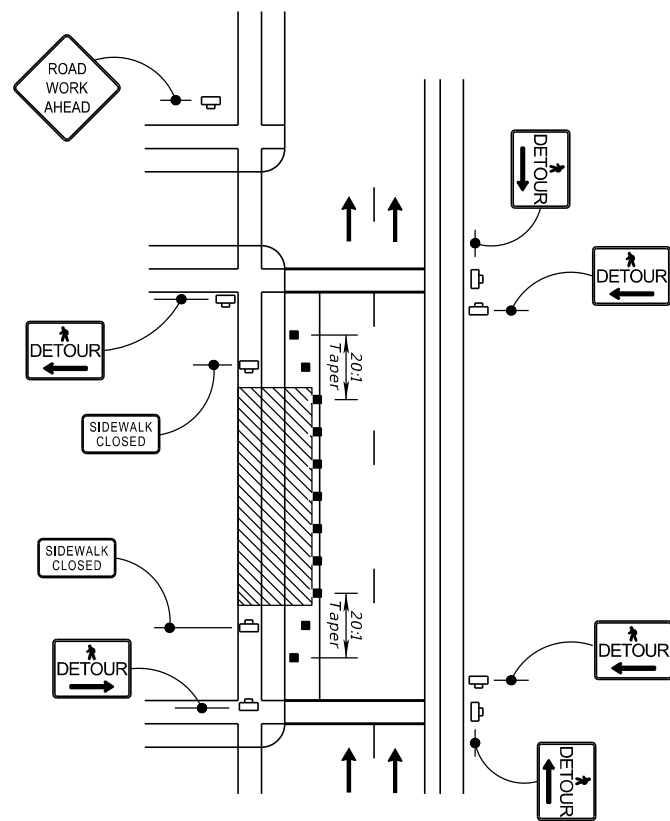


PHASE 2B: WEST SIDE

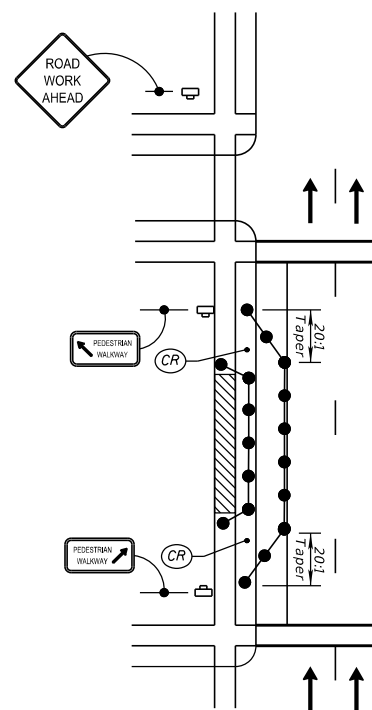
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REVISIONS				Kimley-Horn and Associates, Inc. Certificate Of Authorization No. 696 Matthew B. Fursetzer, P.E. P.E. License No. 63997 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	CAM #20-0161 Exhibit 2 Page 50 of 52	SHEET 4136
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					A1A	BROWARD	424027-2-58-01			

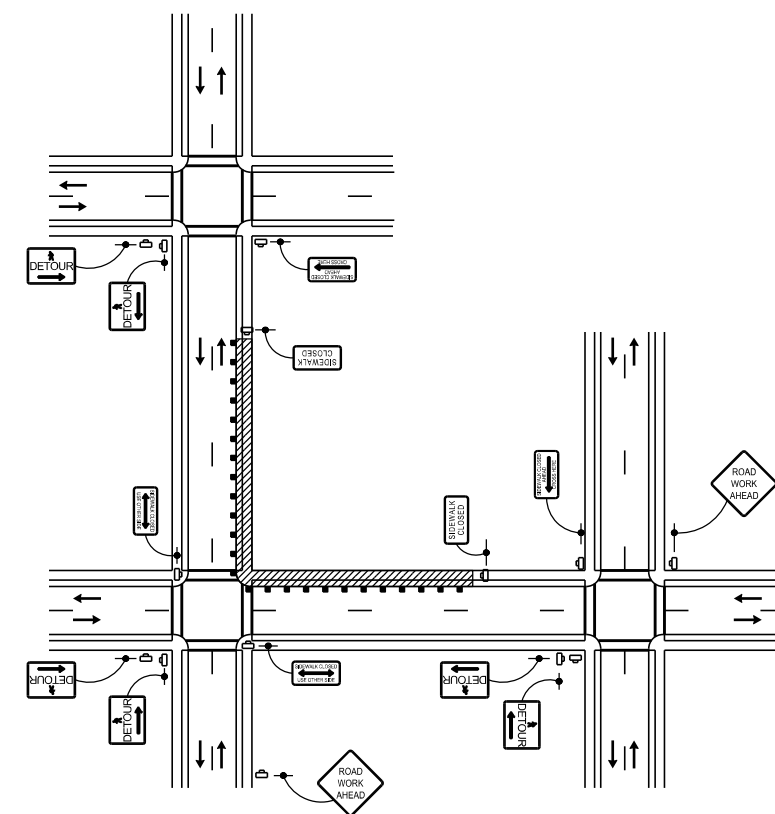
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SIDEWALK DETOUR



SIDEWALK DIVERSION



CROSSWALK CLOSURE AND
PEDESTRIAN DETOUR

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL ENSURE THAT SIDEWALK DIVERSIONS DO NOT BLOCK MORE THAN ONE (1) CONSECUTIVE PEDESTRIAN BEACH ENTRANCE.
2. WHEN AN EXISTING PEDESTRIAN WAY OR BICYCLE WAY IS LOCATED WITHIN A TRAFFIC CONTROL WORK ZONE, ACCOMODATION MUST BE MAINTAINED AND PROVISION FOR THE DISABLED MUST BE PROVIDED.
3. ONLY APPROVED PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES MAY BE USED TO DELINEATE A TEMPORARY TRAFFIC CONTROL ZONE PEDESTRIAN WALKWAY.
4. ADVANCED NOTIFICATION OF SIDEWALK CLOSURES AND MARKED DETOURS SHALL BE PROVIDED BY APPROPRIATE SIGNS.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					A1A	BROWARD	424027-2-58-01	

SECTION NO.: 86050/86180
FM No.(s): 424027-2-58-01;
COUNTY: Broward
S.R. No.:SR-A1A at N. End of S Beach
Parking Lot to SR 838/Sunrise Blvd.
Agreement No: 20191021-01

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:

1. 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