

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

AMENDMENT NUMBER ONE (1)

THIS AMENDMENT Number One (1) to the Agreement pertaining to Permit No. 2021-C-491-00013 dated 10/27/2022, made and entered on _____ by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION** hereinafter called the **DEPARTMENT** and the **CITY OF HOLLYWOOD**, a municipal corporation existing under the Laws of Florida, hereinafter called the **AGENCY**.

WITNESSETH

WHEREAS, the parties entered into the Maintenance Memorandum of Agreement dated, October 27, 2022 ("the Agreement"), with the **AGENCY** for the **AGENCY** to install and maintain Pedestrian Lighting along SR-7/US-441; and

WHEREAS, it is the intent of the **AGENCY** and the **DEPARTMENT** that the **AGENCY** shall add and maintain additional Pedestrian Lighting, hereinafter referred to as "**IMPROVEMENTS**" within the project limits along SR-7/US-441 at Mile Post (M.P.) 1.560 to M.P. 2.590 in accordance with the terms and conditions of the Agreement; and

WHEREAS, the installation of additional **IMPROVEMENTS** extends the limits as described in "**Exhibit A (Project location, Description, and Location Map)**" of the Agreement; and

WHEREAS, the **AGENCY** intends to install additional Pedestrian Lighting in the right-of-way along a portion of SR-7/US-441 at M.P. 1.560 to M.P. 2.590 under **Permit No. 2024-C-491-00007**; and

WHEREAS, the **AGENCY** by Resolution _____ dated _____, attached hereto and by this reference made a part hereof, desires to enter into this Amendment and authorized its officers to do so.

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

1. The **AGENCY** shall construct and maintain additional **IMPROVEMENTS** along SR-7/US-441 from Mile Post (M.P.) 1.560 to M.P. 2.590, as set forth in **Exhibit A** attached to this Amendment in accordance with the plans attached as **Exhibit B (Plans)** and in accordance with **Exhibit C (Maintenance Plan Requirements)** of the Agreement.
2. '**Exhibit A**' of the Agreement shall be amended to include the additional area of SR-7/US-441 from M.P. 1.560, to M.P. 2.590, as set forth in **Exhibit A (Project location, Description, Aerial, and Completed Limited of Maintenance)** attached hereto and incorporated into this Amendment.

3. Except as modified by this Amendment, all terms and conditions of the Agreement and all amendments thereto shall remain in full force and effect.

4. LIST OF EXHIBITS

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

SECTION No.: 8610000
PERMIT No.: 2024-C-491-00007
COUNTY: Broward
S.R. No.: 7

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

CITY OF HOLLYWOOD

By: _____
City Manager

Date: _____

Print name

Attest: _____ (SEAL)
City Clerk

Print name

Legal Approval

By: _____
Attorney

Date: _____

Print name

SECTION No.: 8610000
PERMIT No.: 2024-C-491-00007
COUNTY: Broward
S.R. No.: 7

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

DEPARTMENT:

ATTEST:

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Sign: _____
Director of Operations

Print Name: _____

Date: _____

Legal Review:

Sign: _____
Francine Steelman
Assistant District General Counsel

Print Name: _____

Date: _____

EXHIBIT A

PROJECT LOCATION, DESCRIPTION AND AERIAL

I. Project Location

The **IMPROVEMENTS** associated with this Agreement are located within the City of Hollywood in Broward County, Florida along SR 7 M.P. 1.560 to M.P 2.590

II. Description

The proposed project consists of lighting and hardscape.

III. Aerial



EXHIBIT B

PLANS

Lighting Plans by Jeffrey Sallee, PE, Kimley – Horn and Associates, Inc. dated September 5, 2024 as approved by the Department.

PLANS (attached)

Sheets Included:

| PDF Page Number (#) | Plan Sheet (#) | Sheet(s) Description |
|---------------------|-----------------------------------|-----------------------------|
| 16 | C000 | Cover Sheet |
| 17 | C100 | General Notes |
| 18 | C200 | Key Map |
| 19-25 | C300 thru C307 (Excludes C301) | Lighting and Hardscape Plan |

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Plotted By: Turpin, Angel Sheet: US441/SR7 IMPROVEMENT PROJECT (HOLL-036) Layout: C000 COVER SHEET September 13, 2024 09:25:45am \\holl036\cadd\plansheets\C000 COVER SHEET.dwg
 This document, together with the concepts and design presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PROJECT LOCATION
BROWARD COUNTY

US441/SR7 IMPROVEMENT PROJECT (HOLL-036)

PREPARED FOR
CITY OF HOLLYWOOD

LOCATION

STATE ROAD 7 FROM PEMBROKE ROAD
TO HOLLYWOOD BOULEVARD
CITY OF HOLLYWOOD, FLORIDA 33024



COMMUNITY OFFICIALS

MAYOR
COMMISSIONER
COMMISSIONER
COMMISSIONER
COMMISSIONER
COMMISSIONER

JOSH LEVY
CARYL S. SHUHAM
LINDA HILL ANDERSON
TRACI L. CALLARI
ADAM GRUBER
KEVIN D. BIEDERMAN
IDELMA QUINTANA

PROJECT TEAM

CLIENT
CITY OF HOLLYWOOD
2207 RALEIGH STREET
CITY OF HOLLYWOOD, FL 33020
PHONE: (954) 921-3410
CONTACT: LUIS LOPEZ, P.E.
E-MAIL: LLOPEZ@HOLLYWOODFL.ORG

CIVIL ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
8201 PETERS ROAD, SUITE 2200
PLANTATION, FL 33324
PHONE: (954) 535-5137
CONTACT: MARISSA MARING, P.E.
E-MAIL: MARISSA.MARING@KIMLEY-HORN.COM

UTILITY PROVIDERS

| | | |
|---|---|---|
| AT&T DISTRIBUTION PHONE: (786) 792-5464 CONTACT: JUANA CURTIS | COMCAST CABLE PHONE: (786) 586-5805 CONTACT: RICARDO DAVIDSON | TECO PEOPLES GAS SOUTH FLORIDA PHONE: (813) 275-3783 CONTACT: JOAN DOMNING |
| BROWARD COUNTY TRAFFIC ENGINEERING PHONE: (954) 847-2745 CONTACT: ROBERT BLOUNT | CROWN CASTLE PHONE: (724) 416-2193 CONTACT: BRYAN LOWE | VERIZON PHONE: (813) 740-1231 CONTACT: CHUCK CZUMAK |
| BLUESTREAM FIBER PHONE: (954) 753-0100 CONTACT: DANE JAMES | FDOT PHONE: (305) 470-5757 CONTACT: THOMAS MILLER | |
| CITY OF HOLLYWOOD PHONE: (954) 967-4357 CONTACT: MICHAEL ZASKE | FLORIDA CITY GAS PHONE: (305) 835-3632 CONTACT: DEXTER PINKNEY | |
| CITY OF HOLLYWOOD PUBLIC WORKS DEPARTMENT PHONE: (954) 921-3251 CONTACT: PETER BIENIEK | FLORIDA POWER & LIGHT PHONE: (386) 586-6403 CONTACT: JAMIE PURNELL | |
| | LUMEN PHONE: (877) 366-8344, X2 | |

PROJECT LOCATION



VICINITY MAP
SCALE 1" = 500'

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

| Sheet Number | Title |
|--------------|------------------------|
| C0 | VEGETATION |
| C1 | GENERAL NOTES |
| C2 | KEY MAP |
| C3 | LIHTIN AN HA A E LAN |
| C3 1 | LI HTIN AN HA A E LAN |
| C3 | LI HTIN AN HA A E LAN |
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| C3 | LI HTIN AN HA A E LAN |
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| C3 | ELE TIAL LAN |
| C3 1 | ELE TIAL LAN |
| C3 1 | ELE TIAL LAN |
| C3 1 | ELE TIAL LAN |
| C3 14 | ELE TIAL LAN |
| C4 | L MINAIE ETAIL |
| C4 1 | HA A E ETAIL |
| C4 | LI HTIN ELE TIAL ETAIL |
| C4 | F N ATIN ETAIL |

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA

60% PLANS



ALL ELEVATION SHOWN ON THE PLAN ARE ABOVE THE NAVIGATIONAL MEAN SEA LEVEL.



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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT
044241070
DATE
SEPT. 5, 2024
SCALE AS SHOWN
DESIGNED BY LAR
DRAWN BY SF
CHECKED BY MM

US441/SR7 IMPROVEMENT PROJECT
(HOLL-036)
PREPARED FOR
CITY OF HOLLYWOOD

LICENSED PROFESSIONAL
JEFFREY SALLEE, P.E.
FL LICENSE NUMBER
76674
FL DATE: 9/13/2024

COVER SHEET

HEET N M E

C000

| No. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |
| | | | |
| | | | |
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GENERAL NOTES

I. APPLICABLE CODES

A. GENERAL

- 1. ALL WORK FOR THIS PROJECT SHALL BE COMPLETED WITHIN AND FROM EXISTING RIGHT OF WAY.
2. COUNTY IN THESE NOTES REFERS TO BROWARD COUNTY, CITY IN THESE NOTES REFERS TO THE CITY OF HOLLYWOOD, STATE IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
3. THE FDOT INDICES REFERRED TO IN THE DRAWINGS AND NOTES REFERS TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT DESIGN STANDARDS LATEST EDITION.
4. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS, CODES, REGULATIONS AND SPECIFICATIONS OF THE CITY, COUNTY, STATE, FEDERAL, TRANSIT ADMINISTRATION (FTA), AND FEDERAL CODES WHERE APPLICABLE.
5. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH FEDERAL, STATE, COUNTY, AND CITY LAWS, CODES, ORDINANCES AND REGULATIONS.
6. IN THE EVENT OF A CONFLICT BETWEEN THE GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS IN THESE PLANS AND THE CONTRACT DOCUMENTS AND SPECIFICATIONS IN THE SPECIFICATIONS BOOKLET THE CONTRACTOR SHALL SUBMIT WRITTEN REQUEST FOR CLARIFICATION TO THE ENGINEER.
7. ALL HANDICAP ACCESSIBLE ACCESS TO CONFORM WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT AND LOCAL, STATE, AND FEDERAL CODES, LATEST EDITIONS.
8. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL APPLY FOR AND PROCURE ALL PERMITS AND LICENSES, PAY ALL APPLICABLE CHARGES, TAXES, ROYALTIES & FEES, AND GIVE ALL NOTICES NECESSARY TO COMPLETE THIS PROJECT.
9. RADI DIMENSIONS AND ELEVATIONS ARE TO BE EDGE OF PAVEMENT AND FINISH GRADE UNLESS NOTED OTHERWISE.
10. IF ABANDONED GAS, WATER, AND SEWER SERVICE LATERALS ARE ENCOUNTERED DURING EXCAVATION, THE SECTION IN THE EXCAVATED ENVELOPE WILL BE REMOVED AND THE STUB ON THE SIDE CONNECTED TO THE MAIN WAVE BE CAPPED, PLUGGED OR OTHERWISE SEALED.
11. CONTRACTOR TO MAINTAIN ACCESS TO BUSINESS AND RESIDENTIAL LOCATIONS BY NORMAL MEANS AND METHODS, I.E. TEMPORARY STEEL PLATES, LIMEROCK, ETC. ALL ASSOCIATED COST TO BE INCLUDED IN M.O.T. PAY ITEM.
12. CONTRACTOR SHALL NOTIFY BROWARD COUNTY TRAFFIC ENGINEERING DIVISION 72 HOURS PRIOR TO WORK WITHIN COUNTY RIGHT-OF-WAY.
13. CONTRACTOR SHALL NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION 72 HOURS PRIOR TO WORK WITHIN STATE RIGHT-OF-WAY OF RECORD.
14. ITEMS IN CONFLICT WITH DESIGN SUCH AS EXISTING CURBS AND GUTTERS, SIDEWALKS, DRAINAGE STRUCTURES PAVEMENT AND BASE AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE UNLESS THE ITEMS ARE TO BE REUSED ON THE PROJECT.
15. EXCESS MATERIAL REMOVED BY THE CONTRACTOR WILL BE DISPOSED OF IN AREAS PROVIDED BY THE CONTRACTOR.
16. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE SITE CONDITIONS OF THE PROJECT AND FULLY SATISFY THEMSELVES OF BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE THEIR PRICING ACCORDINGLY. GEOTECHNICAL REPORT IS INCLUDED IN THE CONTRACT DOCUMENTS.
17. CONTRACTOR SHALL RESTORE ALL STREET SIGNS, BENCHES, TRAFFIC CONTROL SIGNS, LANDSCAPING, ETC. WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REINSTALL OR DELIVER SAID PUBLIC PROPERTY TO THE COUNTY OR CITY AS APPLICABLE, INCLUDING AFFECTED AREAS OUTSIDE OF THE SCOPE OF THE PROJECT.
18. THE CONTRACTOR SHALL TAKE SPECIAL NOTE OF ANY SPECIAL EQUIPMENT SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE, DURING EXCAVATION OF SUBSOIL MATERIAL OR DURING THE FILLING OF ANY AREA, OR FOR ANY AREA FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
19. APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
20. THE AMOUNT OF EACH OF THE MATERIALS PROVIDED IS THE ESTIMATED AMOUNT REQUIRED TO COMPLETE THE JOB. THESE QUANTITIES ARE ESTIMATED ONLY AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE THE JOB IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. SHOULD ADDITIONAL MATERIALS BE REQUIRED THEY WILL BE PURCHASED BY THE CONTRACTOR AT HIS OWN RISK AND AT HIS OWN EXPENSE.
21. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES THAT REMAIN IN PLACE.
22. ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
23. STABILIZING EARTH, DRIVEWAYS, SIDEWALKS, ETC. WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST.
24. THE CONTRACTOR SHALL NOT ENCRUCH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL OR EQUIPMENT WITHOUT WRITTEN PERMISSION FROM THE OWNER.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION ACCIDENTALLY OR PURPOSELY, CAUSED BY ANY IRRIGATION SYSTEMS, PRIVATE OR PUBLIC WITHIN THE PROJECT LIMITS. THE COSTS TO REPLACE, REPAIR OR MAINTAIN SPRINKLER HEADS OR OTHER EQUIPMENT SHALL BE INCLUDED IN THE OTHER ITEMS OF RELATED WORK. ALL COSTS DUE TO DAMAGE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS OF EXISTING PAVEMENT, CURBS, GUTTERS, CABLES, TREES, SOD, LANDSCAPE ITEMS, ETC. WHETHER OR NOT SHOWN ON THE PLANS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS AND/OR THOSE OF THEIR SUBCONTRACTORS AT NO ADDITIONAL COST. CONTRACTOR SHALL REPORT ANY DAMAGE TO SIDEWALK, DRIVEWAY OR OTHER PAVED SURFACE TO THE OWNER IMMEDIATELY UPON DISCOVERY.
27. CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL ALL BRICK OR PAVER DRIVEWAYS IMPACTED BY CONSTRUCTION, REPAIR OR REPLACE ALL ASPHALT, CONCRETE, OR STAMPED CONCRETE DRIVEWAYS IMPACTED BY CONSTRUCTION. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED AS PART OF THE OVERALL BID.
28. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS/HER WORK, EQUIPMENT, EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL (DETERMINED BY THE ENGINEER OF RECORD) TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.
29. CONTRACTOR SHALL ADJUST ALL EXISTING SURFACE FEATURES SUCH AS EXISTING FRAMES, GRATES, MANHOLE COVERS, UTILITY VALVE BOXES, MONITORING WELLS, ECT. TO MATCH FINISHED GRADES.
30. ANY INSTALLATION OUTSIDE BROWARD COUNTY JURISDICTION RIGHTS OF WAY SHALL BE IN CONFORMITY WITH THE BROWARD COUNTY HIGHWAY CONSTRUCTION & ENGINEERING DIVISION "MINIMUM STANDARDS."
31. THE CITY OF HOLLYWOOD SHALL RECEIVE A COPY OF ALL REQUIRED DENSITY REPORTS, AS-BUILTS, AND SHOP DRAWINGS OF THE PROJECT.

B. CONSTRUCTION SAFETY

- 1. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.

C. TRENCH SAFETY ACT

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.
2. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5') ARE REQUIRED, THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
2.1. A REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
2.2. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
2.3. A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY STANDARDS. WHEN A BID IS NOT SUBMITTED, THE CONTRACTOR SHALL SUBMIT THE INFORMATION LISTED IN ITEM 2 TO THE ENGINEER PRIOR TO STARTING WORK.

D. SURVEY DATA

- 1. ALL EXISTING CONTROL POINTS AND/OR REFERENCE MARKERS SHALL BE RAISED TO FINAL GRADE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE AS-BUILTS.
2. ANY NAVD -1988 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY:

GEODETIC INFORMATION CENTER
ATTN: MARK INFORMATION SECTION N/CG-162
6001 EXECUTIVE BLVD.
ROCKVILLE, MARYLAND 20852
PHONE: 301-443-8319

II. PRECONSTRUCTION RESPONSIBILITIES

A. GENERAL

- 1. UPON RECEIPT OF THE "NOTICE OF AWARD", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, AND THE ENGINEER OF RECORD, AND HOLD THE MANDATORY PRE-CONSTRUCTION CONFERENCE AFTER ISSUANCE OF THE CONTRACTS "NOTICE OF AWARD" BUT BEFORE THE ACTUAL CONSTRUCTION DATE. CONTRACTOR MAY NOT BEGIN WORK BEFORE ACTUAL CONSTRUCTION DATE.
2. THE CONTRACTOR SHALL OBTAIN A SUNSHINE CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION.
3. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
4. EXISTING UTILITY LOCATION SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. THE CONTRACTOR IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
6. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE

- CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
7. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER.
8. THE CONTRACTOR SHALL COORDINATE WITH UTILITIES TO ARRANGE RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURE ETC. AS NECESSARY TO COMPLETE THE WORK.
9. THE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR TWO (2) BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.
10. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING/RECORDING EXISTING SITE CONDITIONS USING PHOTOGRAPHS/VIDEO RECORDINGS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF RECORDS TO CITY AND ENGINEER OF RECORD FOR RECORD PURPOSES.

III. INSPECTIONS

A. GENERAL

- 1. THE CONTRACTOR SHALL GIVE THE ENGINEER OF RECORD A MINIMUM OF TWO (2) BUSINESS DAYS ADVANCE NOTICE PRIOR TO BACKFILLING OR COMPLETING THE INSPECTION OF THE FOLLOWING ITEMS SO THE ENGINEER OF RECORD CAN PERFORM FIELD OBSERVATIONS OF THE FOLLOWING ITEMS:
1.1. STORM DRAINAGE
1.2. WATER MAIN
1.3. SUBGRADE; SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK
1.4. LIMEROCK BASE; SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE
1.5. PLACEMENT OF ANY ASPHALT.
1.6. ASPHALTIC CONCRETE
1.7. FINAL
2. ALL INSPECTIONS WILL BE MADE BY THE COUNTY AND THE CITY OF HOLLYWOOD (PLUMBING AND ELECTRICAL). THE ENGINEER OF RECORD WILL PROVIDE CONSTRUCTION SERVICE.
3. IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER OF RECORD PRIOR TO COMPLETING THE ABOVE, THE ENGINEER RESERVES THE RIGHT NOT TO ISSUE ANY CERTIFICATIONS OR FINAL INSPECTIONS.

IV. SHOP DRAWINGS

A. GENERAL

- 1. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD FOR LIGHTING FIXTURES, WIRING, CONDUIT AND OTHER ACCESSORIES. CATALOGUE LITERATURE SHALL BE SUBMITTED FOR WATER AND SEWER PIPES, FITTINGS, AND APPURTENANCES. PRIOR TO SUBMITTING SHOP DRAWINGS TO THE ENGINEER, THE CONTRACTOR SHALL REVIEW AND APPROVE THE DRAWINGS, AND SHALL NOTE IN RED ANY DEVIATIONS FROM THE ENGINEER'S PLANS OR SPECIFICATIONS. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOGUE LITERATURE WILL NOT BE ACCEPTABLE FOR PRECAST STRUCTURES.

V. TEMPORARY FACILITIES

A. TEMPORARY UTILITIES

- 1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, AND ELECTRICITY TO ITS EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.

B. TRAFFIC REGULATION

- 1. MAINTENANCE OF THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MUTCD. A MAINTENANCE OF TRAFFIC PLAN MUST BE APPROVED BY THE GOVERNMENTAL ENGINEERING DIVISION HAVING JURISDICTION FOR THE SECTION OF ROADWAY BEFORE STARTING WORK IN THE PUBLIC RIGHT-OF-WAY.
2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
3. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY.

C. TEMPORARY FACILITIES

- 1. THE CONTRACTORS ON-SITE EQUIPMENT, STOCK PILED MATERIAL, AND SUPPLIES SHALL BE KEPT IN A SECURE, FENCED AND LOCKED LOCATION WHEN CONTRACTOR IS NOT SUPERVISING THE STAGING OR LAY DOWN AREA.
2. STORAGE AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY OR PUBLIC RIGHT-OF-WAY WITHOUT APPROVAL FROM THE CITY OF HOLLYWOOD.
3. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY STREET LIGHTING AS REQUIRED TO LIGHT THE CONSTRUCTION PROJECT LIMITS AT ALL TIMES TO AT LEAST THE SAME LIGHTING INTENSITY LEVELS AS WAS EXISTING PRIOR TO THE START OF CONSTRUCTION. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION AND MAINTAINING LIGHTING TO BE INCLUDED IN M.O.T. PAY ITEM.
4. THE CONTRACTOR SHALL COGNATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH THE CITY OF HOLLYWOOD.

VI. PROJECT CLOSEOUT

A. CLEANING UP

- 1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL OR BETTER TO THE EXISTING CONDITION IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO ALL NECESSARY HIGHWAY OR DRIVEWAY, WALK AND LANDSCAPING WORK, SUITABLE MATERIALS AND METHODS THAT ARE USED FOR SUCH RESTORATION.
3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE PROJECT.
4. UPON COMPLETION OF THE PROPOSED DRAINAGE WORK, THE CONTRACTOR SHALL CLEAN THE NEW SYSTEM, REMOVE ALL POLLUTION CONTROL DEVICES FROM THE NEW AND EXISTING SYSTEM, AND CLEAN THE EXISTING STRUCTURES AND SURROUNDING AREAS TO THE SAME CONDITION AS EXISTING PRIOR TO THE CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING OF ALL OF THE EXISTING DRAINAGE SYSTEM AFFECTED BY THE CONSTRUCTION WITHIN THE RIGHT-OF-WAY UPON COMPLETION OF THE PROJECT.

B. PROJECT RECORD DOCUMENTS

- 1. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED.
2. PRIOR TO THE PLACEMENT OF ANY ASPHALT OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER "AS-BUILT" PLANS (SIGNED AND SEALED BY A FLORIDA CERTIFIED PROFESSIONAL LAND SURVEYOR) AS REQUIRED FOR LAND SURVEY AND APPROVAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
3. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
4. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD COMPLETE SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS (SIGNED AND SEALED BY A FLORIDA CERTIFIED PROFESSIONAL LAND SURVEYOR) AS REQUIRED FOR LAND SURVEY AND APPROVAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
5. ALL "AS-BUILT" INFORMATION ON ELEVATIONS OF WATER, SEWER, PAVING, AND DRAINAGE SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR.
6. AS-BUILT INFORMATION ON THE WATER SYSTEM SHALL INCLUDE LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, WATER SERVICES AND TOP OF PIPE ELEVATIONS AT ALL FITTINGS AND AT A MINIMUM OF 100' SPACING.
7. THE COST OF SIGNED AND SEALED AS-BUILTS AND CADD FILES SHALL BE INCLUDED IN THE COST OF THE OVERALL BID.

VII. EARTHWORK

A. GENERAL

- 1. NONE OF THE EXISTING MATERIAL IS TO BE INCORPORATED IN THE LIMEROCK BASE.
2. ALL SUB-GRADE UNDER PAVED AREAS SHALL BE 12" THICK AND HAVE A MINIMUM LBR VALUE OF 40. AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
4. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS OR LAKES, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED.
5. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL UNDER THOSE AREAS TO BE PAVED SHALL BE REMOVED TO A DEPTH OF THREE(3) FEET BELOW FINISHED GRADE AND FOR THREE(3) FEET BEYOND THE PERIMETER OF THE PAVING.
6. SUITABLE BACKFILL SHALL BE MINIMUM LBR 40 MATERIAL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 THREE (3) FEET BEYOND THE PERIMETER OF PAVING.
7. CONTRACTOR SHALL TIE TO EXISTING GRADE BY EVENLY SLOPING FROM CLOSEST PROPOSED GRADE PROVIDED TO EXISTING GRADE AT LIMITS OF WORK UNLESS OTHERWISE NOTED ON PLANS. IF NO LIMIT OF WORK IS INDICATED, SLOPE TO THE ADJACENT PROPERTY LINE OR RIGHT-OF-WAY LINE AS APPLICABLE.
8. SITE GRADING ELEVATIONS SHALL BE WITHIN 0.1' OF THE REQUIRED ELEVATION AS SHOWN ON THE PLANS AND ALL AREAS SHALL BE GRADED TO DRAIN WITHOUT PONDING.
9. GROUND ADJACENT TO ROADWAY/PAVEMENT WHERE STORMWATER RUNOFF FLOWS FROM PAVEMENT TO GROUND SHALL BE GRADED TWO (2) INCHES LOWER THAN THE EDGE OF PAVEMENT TO ALLOW FOR THE PLACEMENT OF SOD.
10. WHEN ENCOUNTERED WITHIN PROPOSED DRAINAGE SWALES, HARDPAN SHALL BE REMOVED FOR A WIDTH OF FIVE (5) FEET WITH THE INVERT AND REPLACED WITH GRANULAR MATERIALS.
11. ALL AREAS TO BE CONSTRUCTED WITH STRUCTURES, PAVEMENT, DRAINAGE, WATER, SEWER, CURBING, SIDEWALK, FENCING, ETC., SHALL BE CLEARED AND GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL

- CONSIST OF THE COMPLETE REMOVAL OF AND DISPOSAL OF ALL TREES, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH, AND ALL OTHER OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE EXISTING GROUND TO A DEPTH OF 6 INCHES. ITEMS DESIGNATED TO OPERATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE MUTCD.
12. ALL PROPOSED GRADES SHOWN IN PLANS ARE FINISHED GRADES.

VIII. PAVING

A. GENERAL

- 1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF THE LIMEROCK BASE AND PRIOR TO THE PLACEMENT OF THE PAVEMENT. ALL REPAIRS TO EXISTING PAVEMENT SHALL RECEIVE SAW-CUT EDGES PRIOR TO RELAYING ASPHALT. ALL EXISTING PAVEMENT, LIMEROCK AND SUB-GRADE THAT IS AFFECTED AND NOT PART OF THE CONSTRUCTION PROJECT SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.

B. MATERIALS

- 1. LIMEROCK BASE MATERIAL SHALL HAVE A MINIMUM OF 70% CARBONATES (CALCIUM AND MAGNESIUM) WITH A MINIMUM LBR OF 100.
2. PRIME COAT SHALL BE APPLIED AT THE RATE OF 0.25 GAL/YD SQ. AND TACK COAT SHALL MEET FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS.
3. SURFACE COURSE SHALL BE EQUAL TO FOOT TYPE PS 9.5 & FC 12.5 ASPHALTIC CONCRETE.

C. INSTALLATION

- 1. LIMEROCK BASE MATERIAL SHALL BE 12" THICK AND COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
2. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFTS. BASES GREATER THAN 6" OF LIMEROCK SHALL BE PLACED IN TWO OR MORE EQUAL LIFTS. LIMEROCK BASE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. NEW ASPHALTIC CONCRETE SHALL BE 1-1/2" FC 12.5 FIRST LIFT AND 1" SP 9.5 TOP LIFT.
4. PRIME COAT SHALL BE PLACED ON ALL LIMEROCK BASES IN ACCORDANCE WITH FDOT STANDARDS.
5. TACK COAT SHALL BE PLACED AS REQUIRED IN ACCORDANCE WITH FDOT STANDARDS.
6. ALL UNDERGROUND UTILITIES ARE TO BE INSTALLED BEFORE ANY PAVING OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR.
7. BASE COURSE CONSTRUCTION SHALL NOT BE STARTED UNTIL ALL UNDERGROUND CONSTRUCTION IN THE VICINITY HAS BEEN TESTED AND ACCEPTED.
8. WEARING COURSES SHALL NOT BE PLACED UNTIL:
8.1. A WALK THROUGH HAS BEEN CONDUCTED TO DETERMINE IF THERE IS ANY REMAINING WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT.
8.2. ALL LANDSCAPING WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT IS COMPLETE.
9. ALL UNDERGROUND UTILITIES ARE TO BE INSTALLED BEFORE ANY PAVING OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR.

D. TESTING

- 1. ALL SUB-GRADE, LIMEROCK AND ASPHALT TESTS REQUIRED SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER AND PER THE CITY OF HOLLYWOOD REQUIREMENTS.
2. DENSITY TESTS SHALL BE CONDUCTED EVERY 200 FEET AND TWO FEET AWAY FROM ANY MANHOLE OR DRAINAGE STRUCTURE INCLUDING IN PAVED AREAS.

IX. PLANTING & SODDING

- 1. A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
2. SOD SHALL BE ST. AUGUSTINE, BITTER BLUE OR FLORATAM AND SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE PROPER GROWTH AND SURVIVAL OF THE SOD.
3. ALL NEW AND TRANSPORTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
4. CONTRACTOR SHALL REMOVE ALL ROAD ROCK, CONCRETE, ASPHALT, AND OTHER NON NATURAL MATERIAL FROM AND REPLACE WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
5. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING LIQUID, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY TREES, SHRUBS, OR PLANTS. EXISTING TREES OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR.
7. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF 20% CLEAN FLORIDA MUCK AND 80% PARTS CLEAN SAND. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0.
8. MUCK (OR MUCKY PEAT) FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, AND OF A VERY HIGH ORGANIC CONTENT DERIVED FROM FLORIDA SOURCES; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 1/4" IN ANY DIRECTION AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
9. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.
10. WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
11. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE THE LAWN AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
12. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
13. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND EXISTING RUBBISH OR TOXIC MATERIAL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
14. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.
15. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE MUST REMAIN UNDER COVER FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
16. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS AND THE GROUND BROUGHT TO THE REPAIR AND RE-SODDING OF A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
17. SODDING SOIL PREPARATION: LOOSE DEEP FOUR (4) INCHES DEEP, HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
18. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
19. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
20. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORM ADJACENT TO THE REPAIR AND RE-SODDING OF A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
21. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
22. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
23. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL AND DEBRIS RESULTING FROM OVER WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
24. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDUCTION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. ALL AREAS TO BE CONSTRUCTED WITH STRUCTURES, PAVEMENT, DRAINAGE, WATER, SEWER, CURBING, SIDEWALK, FENCING, ETC., SHALL BE CLEARED AND GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL

- 25. THE LIFE AND SATISFACTORY CON ITI N F ALL 7 ALL N AN LA E, LANT MATEJAL IN TALLE Y THE LANDSCAPE CONTRACTOR SHALL E WA ANTE Y THE NTA T F A MINIM F NE 1 CALENDAR YEAR COMMENCING AT THE TIME F E,TI ATI N F A E TA LITY Y THE WNE, REPRESENTATIVE.
26. THE LIFE AND SATISFACTORY CON ITI N F ALL THE, LANT MATEJAL IN L IN TALLE Y THE LANDSCAPE CONTRACTOR SHALL E WA ANTE Y THE NTA T F A MINIM F NE 1 CALENDAR YEAR COMMENCING AT THE TIME F E,TI ATI N F A E TA LITY Y THE WNE, REPRESENTATIVE.
27. REPLACEMENT ANY PLANT NOTIF N IN A HEALTHY W N N ITI N AT THE EN F THE WARRANTY PERIOD SHALL BE REM VE F M THE ITE AN E LA E A N A WEATHE, N ITI N PERMIT. ALL REPLACEMENTS SHALL E LANT F THE AME KIN AN IZE A E FIE IN THE LANT PERM. THEY SHALL BE FURISH LANT E AN M L HE A E FIE N E E LANTIN AT N ADDITIONAL COST TO THE OWNER.
28. IN THE EVENT THE OWNER DOES N T NTA T WITH THE NTA T F LAN A E AN I A I AT N MAINTENANCE, THE CONTRACTOR I EN A E T M IT THE E T ITE E I L L Y L N THE O N YEAR WARRANTY PERIOD SHALL E VA LANT F THE AME KIN AN IZE A E FIE IN THE WNE, AND SHALL NOTIFY THE OWNER IN WUTIN F MAINTENANCE E E E N N ITI N WH H THREATEN VIGOROUS AND HEALTHY LANT W, WITH IT, E TE H ITE V IT HALL E CONDUCTED A MINIMUM OF ONCE E M NTH F A E J F TWELVE 1 M NTH F M THE ATE F ACCEPTANCE.

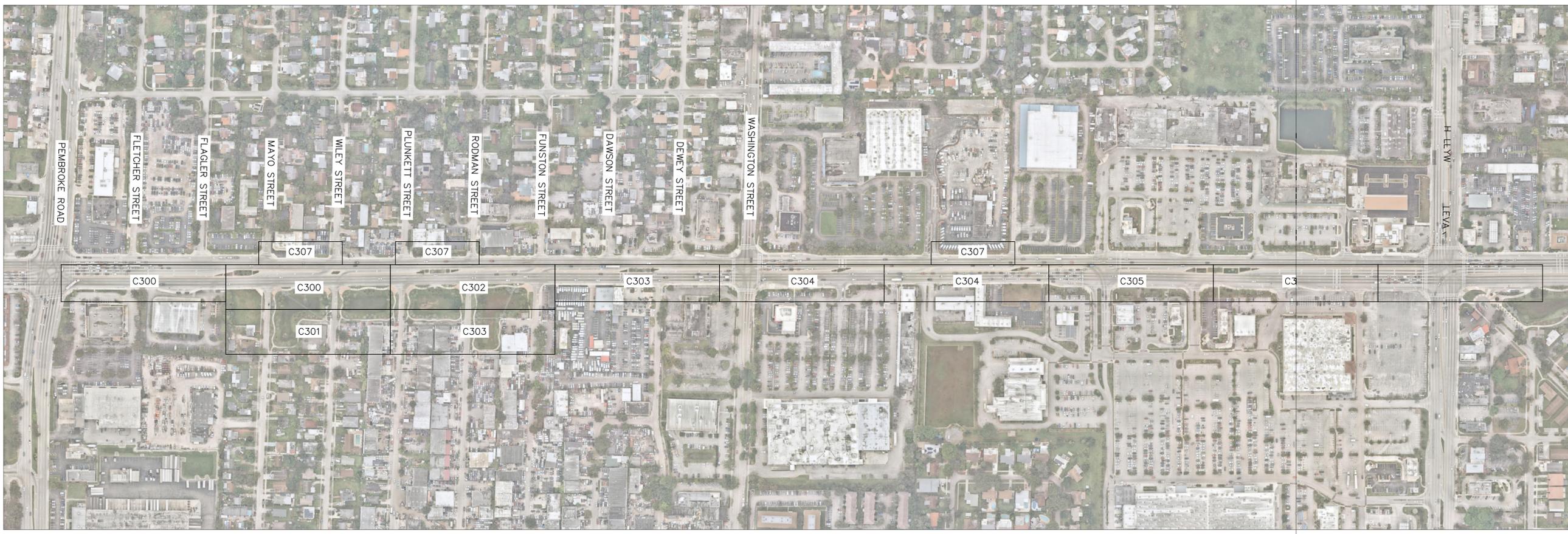
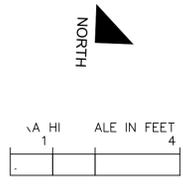
X. MAINTENANCE OF TRAFFI

- 1. TRAFFIC CONTROLS SHALL BE IN A AN E WITH THE E T T AFFI LAN THE ENT E ITI N OF THE FDOT STANDARD PLANS F AN AN N T IN THE PAN A, E F I ATI N FOR ROAD AND BRIDGE CONSTR T I N AN THE MAJ AL N NIF M TAFFI L E F I E M T AS MINIMUM CRITERIA.
2. THE CONTRACTOR SHALL IMMEDIATELY E AL ALL TH LE THAT EVEL WITHIN E E LIMIT AN WILL MAINTAIN A SUPPLY OF CO MIX THE E T E T EX E TH E TH E A E L E F I AT I N ASSOCIATED WITH THIS WORK SHALL E IN L E A A T F THE VEALL E T I N F I T.
3. REQUEST FOR PROPOSED LANE I L E TEM AY ET HALL E MITE F VEAVEN AN APPROVAL TO ROADWAYS MAINTAINN A EN V L E E E TAIL.
4. AT THE DISCRETION OF THE ENGINEER IF A LANE L E A EXTEN E N ITI N E LAY THE CONTRACTOR SHALL BE DIRE TE E EN THE L E LANE NTIL H TIME THAT T AFFI FLOW HAS RETURNED TO AN AD E TA LEVEL.
5. THE TRAFFIC AND TRAVEL WAYS SHALL N T E ALTE E Y THE NTA T T T EATE A W K Z NE WITH TEMPORARY BARRIERS AT THE NTA T F LAN A E AN I A I AT N.
6. THE CONTRACTOR SHALL REMOVE ANY EXI TIN E AVEMENT MA KIN THAT NFU T WITH THE TRAFFIC CONTROL. WHEN THE NFU T I N L N E EXI T THE NTA T T HALL E T E F PAVEMENT MARKINGS TO THEIR I N F I A L E E A EN AN F T E A VEAY AVEMENT MARKINGS SHALL BE ACCOMPLISH Y F L L W METH Y MILLIN AN A HALT VEAY Y GRINDING AND ASPHALT OVERLAY AN WATE LA TIN Y THE MEAN A VE Y THE ENGINEER. GRINDING (WITHOUT A HALT VEAY HALL NLY E EMITTE IN N N TAFFI A E A A DESIGNATED BY THE ENGINEER) ALL T F AVEMENT MARKING SHALL BE REMOVED AND ASPHALT OVERLAY REQUIRED WHEN MILLIN N IN I E IN T AFFI A E A HALL E IN L E USE OF BLACK PAINT TO COVER EXI TIN AN V TEM AY AVEMENT MA KIN I HITE.
7. CONTRACTOR SHALL REMOVE OR VE ANY EXI TIN E I N THAT NFU T WITH THE TAFFI CONTROL WHEN THE NFU T I N N E EXI T THE NTA T T HALL E T E WITH THE I N T THEIR ORIGINAL POSITION, COST I T I L E IN THE I.
8. ALL EXISTING STREET NAMES AN T I N AF FE TE Y N T I N HALL E VE LATE T AN MAIN ANED IN A T I N THE NTA T F LAN A E AN I A I AT N. WHEN N L N E AF FE TE Y CONSTRUCTION THEY SHALL BE I E T E T H EY FINAL I T I N E I N L E IN I T. CONTRACTOR SHALL BE RESPON I L E F THE IMMEDIATE EM VAL F T M WATE F M A WAY UTILIZED FOR TRAFFIC MAINTENAN E IN A MANNE A VE Y THE EN NE E, T T E I N L E IN B.
9. AT THE END OF EACH WORK PEJ AN Y FF IN THE A E A A ENT T T AVEL WAY HALL BE BACKFILLED IN ACCORDANCE WITH TAN A N IN EX 1 HALL E THE W E E T E WITH TEMPORARY BARRIERS AT THE NTA T F LAN A E AN I A I AT N.
11. CONTRACTOR SHALL NOTIFY BRDWA Y TAFFI EN NEE IN I V I N A H Y T A N Y MODIFICATION AND/OR CHANGES F AN EXI TIN T AFFI I NAL E TAKIN THE I NAL FF-LINE REMOVING OR REPLACING LOOP I A EM LIE E A E AN IN T AFFI I NAL HEA THE NTA T T SHALL HAVE FULL RESPONSIBILITY F THE N M A L MAINTENAN E F THE EXI TIN T AFFI I NAL WITHIN THE PROJECT LIMITS. CO F E A N AN IN T AFFI I NAL MAINTAIN T AFFI SIGNALS TO BE INCLUDED IN THE I.
12. CONTRACTOR TO MAINTAIN ACCE T I E I EN A E I NAL E AL N THE E T T NTA T T I TO SUBMIT A PROPOSED METHOD F MAINTAINN A E T THE E T I T E N NE E F THE E T I N IN THE REVIEW PRIOR TO INSTALLATION! ALL TAFFI EN NE E F M ANY T E T I N W K HALL E NE WITH ASPHALTIC CONCRETE TYPE "SIAN HALL IN L E A HALT L E E EM VAL WHEN N L N E NE E. ALL COST WITH MAINTAINING CRI VE L E A E AN EM VAL T E I N L E IN THE I.
14. CONTRACTOR SHALL MAINTAIN A NTIN E E T I AN WAY N NE I E F THE A WAY AT ALL TIMES. PEDESTRIAN WAY SHALL HAVE M TH F A E A T E A E N N F MAAT WITH THE AMERICAN DISABILITIES ACT (ADA E I EMENT ALL T T E I N L E IN THE I.
15. AT THE END OF EACH WORK DAY, WHENEVER THE W K Z NE E ME I N A TIVE ANY Y FF ADJACENT TO THE PEDESTRIAN I Y L E WHEEL HAL T AVEL ATH HALL E A KRILLE FL H TRAVEL PATH OR SHALL BE PRITE TE WITH A N I A E TEM AY A N I E WALL A I VE HANDRAIL COST TO BE INCLUDED IN THE I.
16. PEDESTRIAN, BICYCLE AND WHEEL HAI T AFFI HALL E I E AN MAINTAIN IN A VE WARNING LIGHTS, SIGNING AND I HANNE LZATI N E V E H N T Y L E V E HALL E IN TALLE AND MAINTAINED IN ACCORDANCE WITH F E F I AT I N AN M I T E T I N N W K Z NE TRAFFIC CONTROL. COST TO BEIN TALLE IN THE I.
17. IF THERE ARE UNEVEN PAVEMENT F A E I N EN T H H N H E T I T WEN THE A A ENT F A E F F DIFFERENCE SHALL NOT BE WORH THAN H E N H E T I T WEN THE A A ENT F A E F F. CONTRACTOR SHALL MAINTAIN A E T I E I EN A E AN NE E F A A E ANITAN N PICK-UP ALONG THE PROJECT. ALL TAFFI EN NE E F THE A WAY WITHIN THE E T T LIMIT AT ALL TIMES THROUGHOUT THE DURATI N F THE E T T ALL T WITH MAINTAIN LI HTIN E INCLUDED IN THE BID.

XI. CITY OF HOLLYWOOD LAN A IN E I EMENT

- 1. ALL DAMAGED LANDSCAPING INCL IN N VE, WILL E

Plotted By: Turpin, Angel Sheet: Set: US441/SR7 IMPROVEMENT PROJECT (HOLL-036) Layout: C200 KEY MAP September 13, 2024 09:25:58am \\n\p001\NET\FL\NET_Civil\044_Jobs\044241070_Hwd SR 7 Bus Stop Improv\CAD\Plan\Sheet\C200 KEY MAP.dwg
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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THE PLAN ARE BASED ON THE NAVIGATIONAL MEAN SEA LEVEL DATUM.



| No. | REVISIONS | DATE | BY |
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US441/SR7 IMPROVEMENT PROJECT (HOLL-036)
 PREPARED FOR
CITY OF HOLLYWOOD
 HOLLYWOOD

LICENSED PROFESSIONAL
 JEFFREY SALLEE, P.E.
 FL LICENSE NUMBER 76674
 DATE: 9/13/2024

KEY MAP

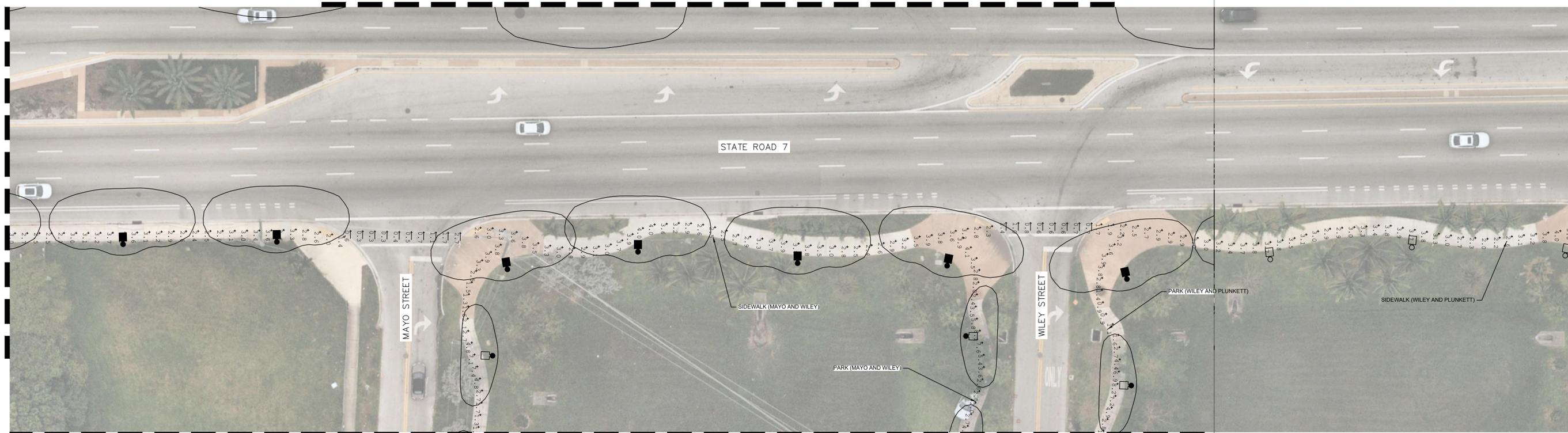
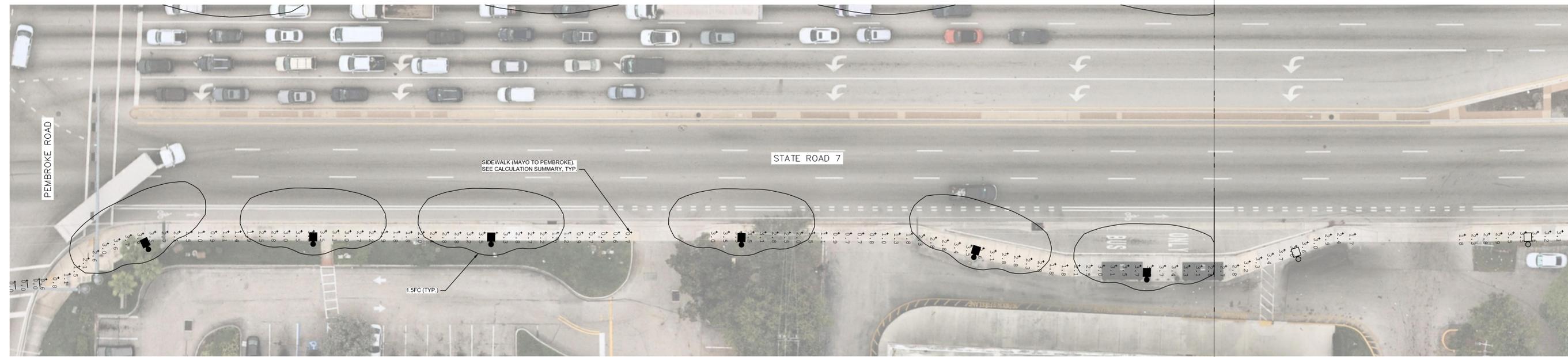
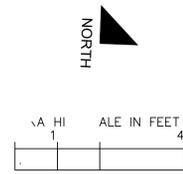
C200

HEET N M E

Plotted By: Turpin, Angel Sheet: US441/SR7 IMPROVEMENT PROJECT (HOLL-036) Layout: C300 LIGHTING AND HARDSCAPE PLAN - September 13, 2024 - 09:26:13am \\fltp01\el\fl\cwa\044\044\044\241070\Draw SR 7 - Bus Stop Improv\CAD\Drawings\C300 ENGINEERING PLAN.dwg
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| LUMINAIRE SCHEDULE | | | | | | | | | |
|--------------------|--|-----|-------------|--|-----------------|------------------|-------------------|------|------------|
| SYMBOL | LABEL | QTY | ARRANGEMENT | DESCRIPTION | MOUNTING HEIGHT | TOTAL ARR. WATTS | TOTAL ARR. LUMENS | LLF | BUG RATING |
| | OSAD LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 72 | Single | PROPOSED LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 13 FT | 62 | 824 | 0.85 | B140-G2 |
| | OSAD LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD | 39 | Single | PROPOSED LOW WATTAGE LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD | 13 FT | 33 | 324 | 0.85 | B140-G0 |
| | EXISTING FIXIT LED STREET LIGHT LUMINAIRE | N/A | Single | EXISTING FIXIT LED STREET LIGHT LUMINAIRE | EA | 106 | 1325 | 0.85 | B200-G3 |

| CALCULATION SUMMARY | | | | | | | | | | |
|-----------------------------------|-------------|-------|---------|------------|-----|-----|---------|----------------|---------|----------------|
| LABEL | CALC TYPE | UNITS | AVERAGE | TARGET AVG | MAX | MIN | AVG/MIN | TARGET AVG/MIN | MAX/MIN | TARGET MAX/MIN |
| Sidewalk (Mayo to Pembroke) | ILLUMINANCE | FC | 2.6 | 1.6 | 3.5 | 0.6 | 4.5 | 4.0 | 6.3 | 10.0 |
| Sidewalk (Wiley to Mayo) | ILLUMINANCE | FC | 3.2 | 2.5 | 4.0 | 2.3 | 4.0 | 4.0 | 4.2 | 10.0 |
| Sidewalk (Pembroke to Wiley) | ILLUMINANCE | FC | 3.1 | 2.5 | 4.0 | 1.7 | 1.5 | 4.0 | 2.4 | 10.0 |
| Park Sidewalk (Wiley to Mayo) | ILLUMINANCE | FC | 3.0 | 2.5 | 3.2 | 1.0 | 3.0 | 4.0 | 3.2 | 10.0 |
| Park Sidewalk (Pembroke to Wiley) | ILLUMINANCE | FC | 3.6 | 2.5 | 3.2 | 0.9 | 3.9 | 4.0 | 3.1 | 10.0 |



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THE PLAN ARE ABOVE THE NAVIGATIONAL DATUM. ELEVATION IN FEET.

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US441/SR7 IMPROVEMENT PROJECT (HOLL-036)

PREPARED FOR
CITY OF HOLLYWOOD

LICENSED PROFESSIONAL

JEFFREY SALLEE, P.E.

FL LICENSE NUMBER
 76674

DATE: 9/13/2024

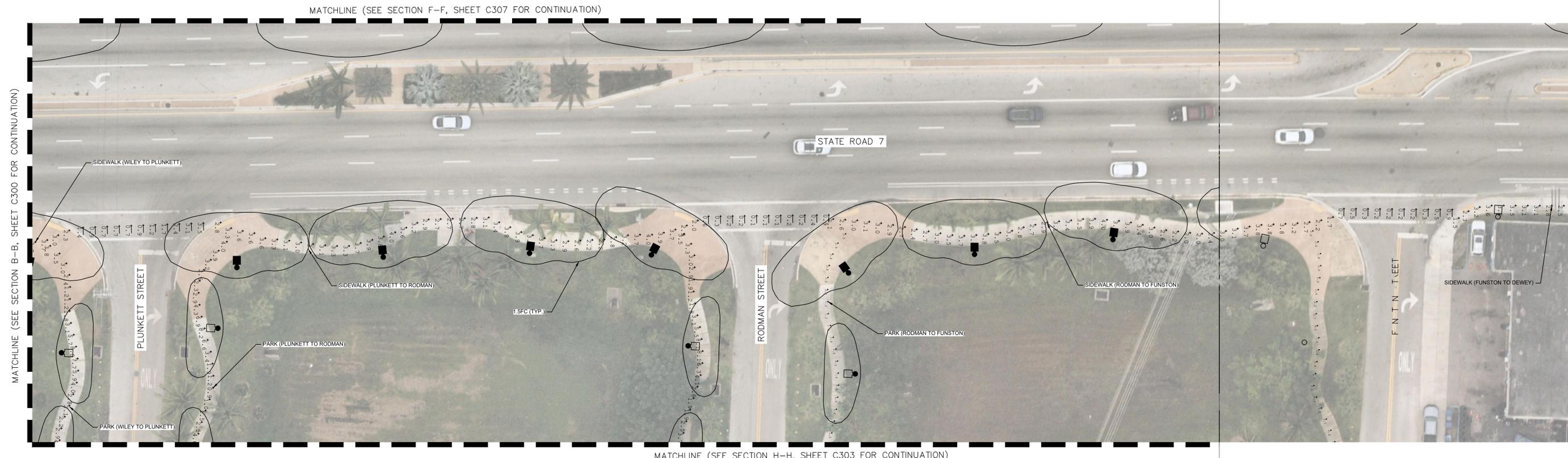
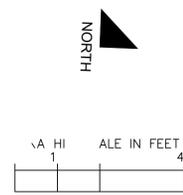
LIGHTING AND HARDSCAPE PLAN C300

HEET N M E \

Plotted By: Turpin, Angel - Sheet Set: US441/SR7 IMPROVEMENT PROJECT (HOLL-036) - Layout: C302 LIGHTING AND HARDSCAPE PLAN - September 13, 2024 - 09:26:23am - \\fl01\el\proj\US441\SR7\Drawings\CAD\PlanSheets\C302_ENGINEERING_PLAN.dwg - This document, together with the concepts and design presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

| LUMINAIRE SCHEDULE | | | | | | | | | |
|--------------------|------------------------------|-----|-------------|---|-----------------|------------------|-------------------|------|-------------|
| SYMBOL | LABEL | QTY | ARRANGEMENT | DESCRIPTION | MOUNTING HEIGHT | TOTAL ARR. WATTS | TOTAL APR. LUMENS | LLP | BUD. RATING |
| | OSRD LED P3-4BK 80CRI T2M HS | 72 | Single | PROPOSED LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD. | 13 FT | 696 | 1621 | 0.85 | B (L0-C2) |
| | OSRD LED P1-4BK 80CRI T16HS | 39 | Single | PROPOSED LOW WATTAGE LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD. | 13 FT | 333 | 1324 | 0.85 | B (L0-C2) |
| | ATBU P303 P3 3X | N/A | Single | EXISTING FOOT LED STREET LIGHT LUMINAIRE | EX | 106 | 15256 | 0.85 | B (L0-C3) |

| CALCULATION SUMMARY | | | | | | | | | | |
|------------------------------------|-------------|-------|---------|------------|-----|-----|---------|----------------|---------|----------------|
| LABEL | CALC TYPE | UNITS | AVERAGE | TARGET AVG | MAX | MIN | AVG/MIN | TARGET AVG/MIN | MAX/MIN | TARGET MAX/MIN |
| Park Sidewalk (Plunkett to Wiley) | ILLUMINANCE | FC | 3.8 | 2.5 | 8.2 | 0.8 | 3.9 | 4.0 | 9.1 | 16.5 |
| Park Sidewalk (Rodman to Plunkett) | ILLUMINANCE | FC | 3.7 | 2.5 | 8.2 | 0.8 | 3.7 | 4.0 | 9.1 | 16.5 |
| Park Sidewalk (Funston to Rodman) | ILLUMINANCE | FC | 3.0 | 2.5 | 8.0 | 0.7 | 3.3 | 4.0 | 11.8 | 10.0 |
| Sidewalk (Funston to Wiley) | ILLUMINANCE | FC | 3.1 | 2.5 | 4.0 | 1.7 | 3.8 | 4.0 | 2.4 | 16.3 |
| Sidewalk (Funston to Rodman) | ILLUMINANCE | FC | 3.1 | 2.5 | 4.0 | 1.7 | 3.8 | 4.0 | 2.4 | 16.3 |
| Sidewalk (Dewey to Funston) | ILLUMINANCE | FC | 3.1 | 1.5 | 3.8 | 1.0 | 2.0 | 4.0 | 2.5 | 16.0 |
| Sidewalk (Rodman to Plunkett) | ILLUMINANCE | FC | 3.2 | 2.5 | 4.0 | 2.0 | 3.6 | 4.0 | 2.0 | 16.0 |



MATCHLINE (SEE SECTION F-F, SHEET C307 FOR CONTINUATION)

MATCHLINE (SEE SECTION H-H, SHEET C303 FOR CONTINUATION)

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THE PLAN ARE BASED ON THE NAVIGATIONAL DATUM. ELEVATIONS IN FEET.

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KHA PROJECT 044241070
 DATE SEPT. 5, 2024
 SCALE AS SHOWN
 DESIGNED BY LAR
 DRAWN BY SF
 CHECKED BY MM

US441/SR7 IMPROVEMENT PROJECT (HOLL-036)
 PREPARED FOR
CITY OF HOLLYWOOD

HOLLYWOOD

LICENSED PROFESSIONAL
 JEFFREY SALLEE, P.E.
 FL LICENSE NUMBER 76674
 DATE: 9/13/2024

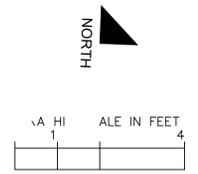
LIGHTING AND HARDSCAPE PLAN C302

HEET N M E

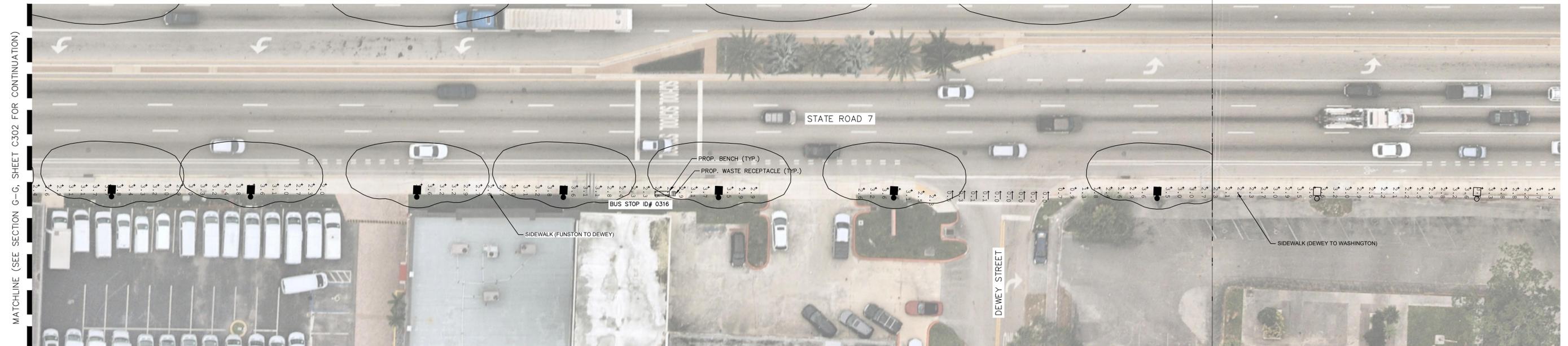
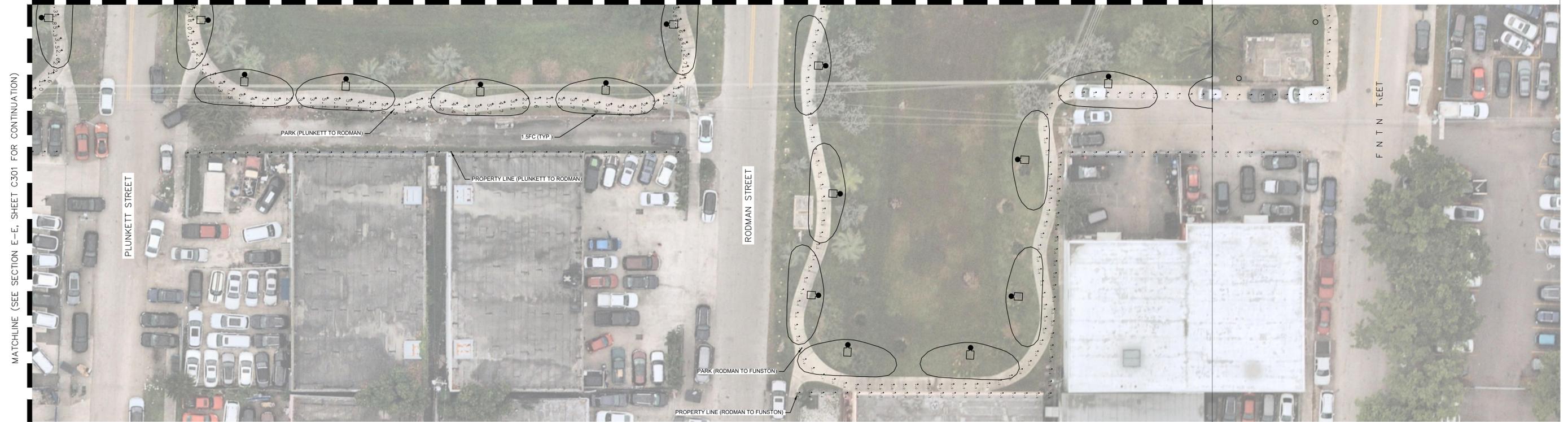
Plotted By: Turpin, Angel | Sheet: S441/SR7 IMPROVEMENT PROJECT (HOLL-036) | Layout: C303 LIGHTING AND HARDSCAPE PLAN - September 13, 2024, 09:26:32am | \\flp01\EL\FL\EL_CAD\Plansheets\C303 ENGINEERING PLAN.dwg | This document, together with the concepts and design presented herein, is an instrument of service, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

| LUMINAIRE SCHEDULE | | | | | | | | | |
|--------------------|-------------------------------|-----|-------------|--|-----------------|------------------|-------------------|------|------------|
| SYMBOL | LABEL | QTY | ARRANGEMENT | DESCRIPTION | MOUNTING HEIGHT | TOTAL ARR. WATTS | TOTAL ARR. LUMENS | LLF | BUG RATING |
| | DEVID LED P3 40K BOCRI T2M HS | 72 | Single | PROPOSED LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 13 FT | 981 | 6921 | 0.85 | E1-U0-G3 |
| | DEVID LED P1 40K BOCRI T1S HS | 39 | Single | PROPOSED LUMINAIRAGE LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD | 13 FT | 331 | 3324 | 0.85 | E1-U0-G0 |
| | AT80 P303 RJ 3E | 106 | Single | EXISTING FOOT LED STREET LIGHT LUMINAIRE | 5 FT | 106 | 15229 | 0.85 | E2-U0-G3 |

| CALCULATION SUMMARY | | | | | | | | | | |
|------------------------------------|-------------|-------|---------|------------|-----|-----|---------|----------------|---------|----------------|
| LABEL | CALC TYPE | UNITS | AVERAGE | TARGET AVG | MAX | MIN | AVG/MIN | TARGET AVG/MIN | MAX/MIN | TARGET MAX/MIN |
| Sidewalk (Washington to Dewey) | ILLUMINANCE | FC | 2.5 | 1.5 | 3.7 | 0.7 | 2.6 | 4.0 | 3.3 | 10.0 |
| Sidewalk (Dewey to Funston) | ILLUMINANCE | FC | 3.1 | 1.5 | 3.8 | 1.5 | 2.0 | 4.0 | 2.5 | 10.0 |
| Park Sidewalk (Plunkett to Rodman) | ILLUMINANCE | FC | 3.6 | 2.5 | 8.2 | 0.9 | 3.0 | 4.0 | 0.1 | 10.0 |
| Park Sidewalk (Rodman to Plunkett) | ILLUMINANCE | FC | 3.7 | 2.5 | 8.0 | 0.5 | 3.1 | 4.3 | 0.1 | 10.0 |
| Park Sidewalk (Funston to Rodman) | ILLUMINANCE | FC | 3.0 | 2.5 | 8.0 | 0.7 | 4.0 | 4.0 | 11.3 | 10.0 |
| Property Line (Funston to Rodman) | ILLUMINANCE | FC | 0.4 | 1.5 | 0.6 | 0.0 | 0.6 | 4.3 | 0.0 | 10.0 |
| Property Line (Rodman to Plunkett) | ILLUMINANCE | FC | 0.0 | 1.5 | 0.1 | 0.0 | 0.0 | 4.0 | 0.0 | 10.0 |



MATCHLINE (SEE SECTION H-H, SHEET C302 FOR CONTINUATION)



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KHA PROJECT 044241070
 DATE SEPT. 5, 2024
 SCALE AS SHOWN
 DESIGNED BY LAR
 DRAWN BY SF
 CHECKED BY MM

US441/SR7 IMPROVEMENT PROJECT (HOLL-036)
 PREPARED FOR
CITY OF HOLLYWOOD

HOLLYWOOD

LICENSED PROFESSIONAL
 JEFFREY SALLEE, P.E.
 FL LICENSE NUMBER 76674
 DATE: 9/13/2024

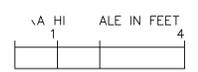
LIGHTING AND HARDSCAPE PLAN C303

HEET N M E

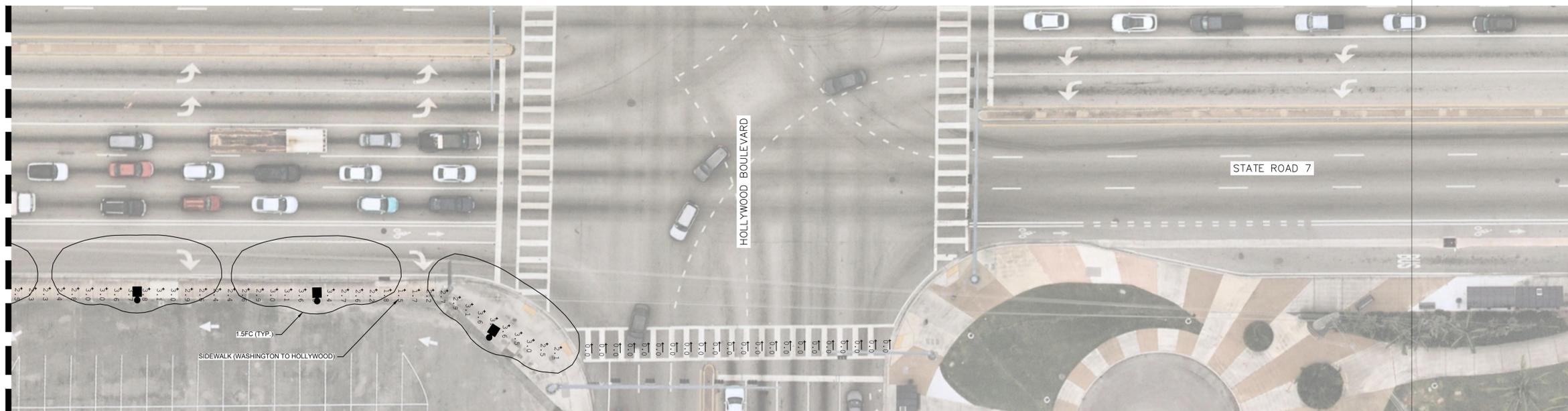
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| LUMINAIRE SCHEDULE | | | | | | | | | |
|--------------------|---|-----|-------------|--|-----------------|------------------|-------------------|------|------------|
| SYMBOL | LABEL | QTY | ARRANGEMENT | DESCRIPTION | MOUNTING HEIGHT | TOTAL APP. WATTS | TOTAL APP. LUMENS | LLF | BUG RATING |
| | 0870 LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 72 | SINGLE | PROPOSED LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 13 FT | 680 | 6800 | 0.85 | B140042 |
| | 0870 LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 23 | SINGLE | PROPOSED LOW VOLTAGE LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD | 13 FT | 330 | 3300 | 0.85 | B140040 |
| | AT80 P003 FB 3F | 100 | SINGLE | EXISTING FOOT LED STREET LIGHT LUMINAIRE | E/A | 100 | 15200 | 0.85 | B340093 |

| CALCULATION SUMMARY | | | | | | | | | | |
|--|-------------|-------|---------|------------|-----|-----|---------|----------------|---------|----------------|
| LABEL | CALC TYPE | UNITS | AVERAGE | TARGET AVG | MAX | MIN | AVG/MIN | TARGET AVG/MIN | MAX/MIN | TARGET MAX/MIN |
| Scavenger (Hollywood to Washington - West of Signal) | ILLUMINANCE | FC | 2.8 | 1.5 | 3.0 | 0.7 | 3.0 | 4.0 | 3.6 | 10.0 |



MATCHLINE (SEE SECTION M-M, SHEET C305 FOR CONTINUATION)



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 PREPARED FOR
CITY OF HOLLYWOOD
 KHA PROJECT 044241070
 DATE SEPT. 5, 2024
 SCALE AS SHOWN
 DESIGNED BY LAR
 DRAWN BY SF
 CHECKED BY MM
 HOLLYWOOD

LICENSED PROFESSIONAL
 JEFFREY SALLEE, P.E.
 FL LICENSE NUMBER 76674
 FL DATE: 9/13/2024

LIGHTING AND HARDSCAPE PLAN SHEET N M E
C306

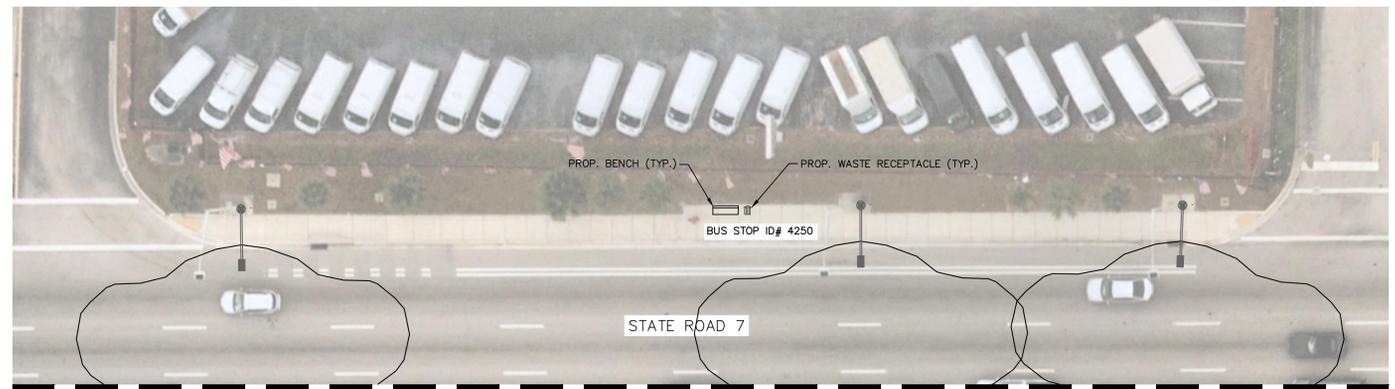
Plotted By: Turpin, Angel Sheet: Set: US441/SR7 IMPROVEMENT PROJECT (HOLL-036) Layout: C307 LIGHTING AND HARDSCAPE PLAN September 13, 2024 09:27:04am
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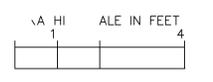
MATCHLINE (SEE SECTION D-D, SHEET C300 FOR CONTINUATION)



MATCHLINE (SEE SECTION F-F, SHEET C302 FOR CONTINUATION)



MATCHLINE (SEE SECTION N-N, SHEET C304 FOR CONTINUATION)



| LUMINAIRE SCHEDULE | | | | | | | | | |
|--------------------|------------------------|-----|-------------|---|-----------------|------------------|-------------------|------|-------------|
| SYMBOL | LABEL | QTY | ARRANGEMENT | DESCRIPTION | MOUNTING HEIGHT | TOTAL ARR. WATTS | TOTAL ARR. LUMENS | LLF | BUG RATINGS |
| | DISM LED P140E S12M HS | 12 | Single | PROPOSED LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD | 13 FT | 69 | 881 | 0.85 | B1UB-G2 |
| | DISM LED P140E S12M HS | 39 | Single | PROPOSED LOWWATTAGE LED POST TOP AREA LUMINAIRE WITH HOUSE SIDE SHIELD AND FRONT MOUNTED GLARE SHIELD | 13 FT | 334 | 334 | 0.85 | B1UB-G0 |
| | ATB0 P503 R3 JR | N/A | Single | EXISTING FOOT LEE STREET LIGHT LUMINAIRE | EX | 106 | 1339 | 0.85 | B2UB-G3 |

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THE PLAN ARE AS NOTED ON THE NAVIGATION ELEVATION TABLE.



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LIGHTING AND HARDSCAPE PLAN SHEET N M E C307