

INTERLOCAL AGREEMENT
FUNDING OF CONSTRUCTION RELATING TO PROPOSED COUNTY IMPROVEMENTS
ALONG PRIMA VISTA BOULEVARD FROM N.E. ESTIA LANE TO N.E. NARANJA AVENUE

THIS INTERLOCAL AGREEMENT ("Agreement") made and entered into this _____ day of _____, 2025, by and between the CITY OF PORT ST LUCIE, a Florida municipal corporation, (hereinafter "CITY") and ST. LUCIE COUNTY, a political subdivision of the State of Florida (hereinafter "COUNTY").

RECITALS

WHEREAS, the COUNTY and CITY desire to enter into this Agreement pursuant to Section 163.01 Florida Statutes, known as the "Florida Interlocal Cooperation Act of 1969," which authorizes local governmental units to make the most efficient use of their powers by enabling them to cooperate with each other on a basis of mutual advantage; and

WHEREAS, the CITY has contracted with a firm that has completed the design improvements to Floresta Drive that include improvements to the intersection of Floresta Drive and Prima Vista Boulevard; and

WHEREAS, the CITY intends to construct improvements known as Floresta Drive Phase 3, City Project #20190112, ("Project"); and

WHEREAS, the COUNTY intends to construct beautification and access management improvements along Prima Vista Boulevard from US 1 to Airoso Boulevard as a Sales Tax Referendum project; and

WHEREAS, the CITY has agreed to coordinate with COUNTY to incorporate the construction of certain improvements known as Prima Vista Boulevard Median improvements, St. Lucie County Project No. 20401, as described in Exhibit "A" attached hereto, which improvements include the intersection of Prima Vista Boulevard and Floresta Drive ("Proposed County Improvements") into the contracts for the Project; and

WHEREAS, coordination of this work between the CITY and COUNTY will minimize impacts to residents and will serve a public purpose; and

WHEREAS, COUNTY and CITY agree to cooperate in an economic, timely and efficient manner.

NOW, THEREFORE, in consideration of the foregoing premises, mutual benefits to be derived from the cooperation of the parties on the Project, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the COUNTY and CITY, hereby agree as follows:

1. **Recitations.** The foregoing recitals are true and incorporated herein by reference.
2. The parties agree and acknowledge that the CITY has incorporated the Proposed County Improvements, into its contracts for CEI & Geotechnical Services and construction of the Project. The contract for the CEI & Geotechnical Services of the project is known as, contract #20240172,

Floresta Drive Phase 3 CEI and Geotechnical Services (the "CEI Contract"). The contractor pursuant to the CEI Contract is Culpepper & Terpening. The contract for the construction project is known as, contract #20240082, Floresta Drive Improvement Project Phase 3 (the "Construction Contract"). The contractor pursuant to the Construction Contract is Felix Civil Construction LLC ("Construction Contractor"). The CEI Contract and the Construction Contract are available for inspection upon request by the COUNTY.

3. The COUNTY agrees to reimburse the CITY for all costs of the construction of the Proposed County Improvements included in the CEI Contract and Construction Contract, including but not limited to construction engineering & inspection and geotechnical engineering services and all associated costs (the "Reimbursement"). The Construction Contract requires the Construction Contractor to furnish the City with an acceptable recorded Performance and Payment Bond complying with the statutory requirements set forth in section 255.05, Florida Statutes, in the amount of one hundred percent (100%) of the Construction Contract price per Section X of the Construction Contract. If the Construction Contractor fails to meet its obligations with respect to the Proposed County Improvements, and upon written request by the County, the City will use commercially reasonable efforts to call the Performance and Payment Bond with respect to the Proposed County Improvements and facilitate transfer of said funds to the County through an interlocal agreement to support construction of the Proposed County Improvements.
4. That the COUNTY shall pay portions of the Reimbursement amount to the CITY within thirty (30) days of receipt by the COUNTY any invoice from the CITY for work associated with the Proposed County Improvements.
5. **Notices.** All written notices required under this Agreement, shall be in writing and shall be (as elected by the party giving such notice) hand delivered by messenger or courier service, by regular United States Mail with postage prepaid, or by certified mail, return receipt requested (Airmail if international), and shall be directed to the following persons and places designated by the parties:

| FOR THE CITY: | FOR THE COUNTY: |
|---|---|
| PUBLIC WORKS DEPARTMENT CITY OF PORT ST. LUCIE 121 S.W. Port St. Lucie Boulevard Port St. Lucie, FL 34984 | ST. LUCIE COUNTY ADMINISTRATOR County Administration Annex 2300 Virginia Avenue Ft. Pierce, FL 34982 |
| With a copy to: OFFICE OF THE CITY ATTORNEY CITY OF PORT ST. LUCIE 121 S.W. Port St. Lucie Boulevard Port St. Lucie, FL 34984 | With a copy to: ST. LUCIE COUNTY ATTORNEY County Administration Annex 2300 Virginia Avenue Ft. Pierce, FL 34982 |

Each such notice shall be deemed delivered (i) on the date delivered if by personal delivery or (ii) on the date mailed, postage prepaid.

- 6. Invalid Provisions.** In the event any term or provision of this Agreement is held illegal, unenforceable or inoperative as a matter of law, the remaining terms and provisions will not be affected thereby, but will be valid and remain in full force and effect so far as possible. If any provision of this Agreement may be construed in two or more ways, one of which would render the provision invalid or otherwise voidable or unenforceable and another of which would render the provision valid and enforceable, such provision shall have the meaning which renders it valid and enforceable. Notwithstanding the foregoing, in the event a material provision of this Agreement is held illegal, unenforceable or inoperative as a matter of law this Agreement will be deemed ineffective and terminated.
- 7. Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
- 8. Entire Agreement.** This Agreement contains the entire agreement between the parties hereto as it pertains to the subject matter contained herein and shall supersede and take precedence over any and all prior and contemporaneous verbal or written agreements and understandings between the parties hereto.
- 9. Amendments; Modification.** This Agreement may not be amended, modified, altered, or changed in any respect whatsoever, except by a further agreement in writing duly executed by each and all of the parties hereto.
- 10. Binding.** Except as otherwise provided, this Agreement shall be binding upon and shall inure to the benefit of the parties. This Agreement is not intended to benefit third parties who are not part of the Agreement.
- 11. Resolution of Disputes.** In the event of a dispute between the parties in connection with this Agreement, the parties agree to try to resolve the issue in good faith pursuant to the conflict resolution procedures provided by the Florida Conflict Resolution Act, Chapter 164, Florida Statutes. The results of the conflict resolution or any testimony or argument introduced in a conflict resolution shall not be admissible as evidence in any subsequent proceeding concerning the disputed issues.
- 12. Venue.** The laws of the State of Florida govern all interpretations. In the event it is necessary for either party to initiate legal action regarding this Agreement, venue shall be in the 19th Judicial Circuit for St. Lucie County, Florida, for claims under state law and the Southern District of Florida for any claims that are justiciable under federal law.
- 13. Rights Cumulative.** All rights, powers, remedies, benefits, and privileges available to any party under this Agreement are in addition to and cumulative of any and all rights, powers, remedies, benefits, and privileges available to such party at law and equity.
- 14. Effective Date; Recording.** The Effective Date of this Agreement shall be the date on which the last of the parties cause this Agreement to be executed. This Agreement shall be recorded by the COUNTY in the Official Public Records of the Clerk of the Court of St. Lucie County, Florida. A copy of the recorded Agreement shall be forwarded to the CITY.

IN WITNESS WHEREOF, the CITY and the COUNTY have caused this Agreement to be executed on behalf of their respective entities, their successors and assigns, on the day first above written.

ATTEST:

Dina Smith

DEPUTY CLERK



BOARD OF COUNTY COMMISSIONERS

ST. LUCIE COUNTY, FLORIDA

BY:

Jamie Lee Fowler

7/1/25

CHAIR

APPROVED AS TO FORM AND
CORRECTNESS:

BY:

Wesley M. B.

COUNTY ATTORNEY

ATTEST:

CITY CLERK

CITY OF PORT ST. LUCIE, FLORIDA

BY:

Shannon Martin
SHANNON MARTIN, MAYOR

DATE:

APPROVED AS TO FORM AND
CORRECTNESS:

BY:

CITY ATTORNEY

CONTRACT PLAN COMPONENTS
ROADWAY PLANS
SIGNALIZATION AND PAVEMENT MARKING PLANS
LIGHTING PLANS

ST. LUCIE COUNTY

PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS

INDEX OF PLANS

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* This sheet is included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheet is contained in a separate digitally signed and sealed document.

COVERING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
STANDARD PLANS DATED FY 2024-25,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED FY 2024-25,
AS AMENDED BY CONTRACT DOCUMENTS.

For Design Standards and Definitions visit <http://www.fdot.gov/design-definitions>
at the following web site: <http://www.fdot.gov/design-definitions>
For the Standard Specifications for Road and Bridge Construction
click on the "Specifications" link at the following web site:
<http://www.floridaprogrammanagement.com/implemented.aspx>

PLANS PREPARED BY:



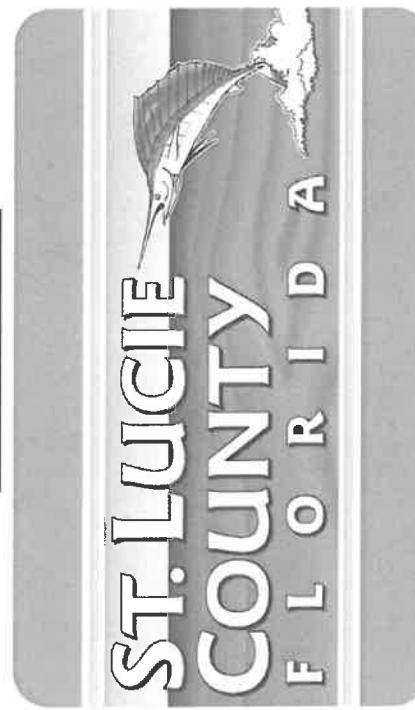
2041 Vista Parkway, Suite 101, West Palm Beach, Florida 33411

Phone: (561) 225-9550

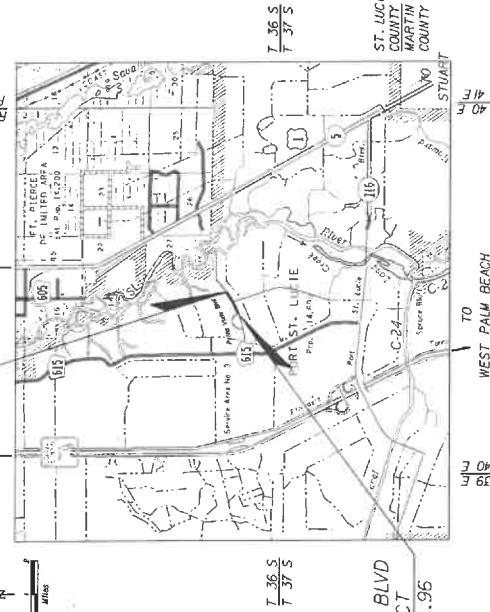
NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.



EXHIBIT "A"



PRIMA VISTA BLVD
END PROJECT
STA. 218+79.28



BOARD OF COUNTY COMMISSIONERS
CHRIS DZADOVSKY DISTRICT 1
LARRY LEET DISTRICT 2
LINDA BARTZ DISTRICT 3
JAMIE FOWLER DISTRICT 4
CATHERINE TOWNSEND DISTRICT 5
COUNTY ADMINISTRATION
GEORGE LANDRY COUNTY ADMINISTRATOR
PUBLIC WORKS DEPARTMENT
PATRICK DAYAN, P.E. DIRECTOR OF PUBLIC WORKS
DAN ZRALACK, P.E. COUNTY ENGINEER
EDMUND BAS, P.E. PROJECT MANAGER
ST. LUCIE COUNTY



PRIMA VISTA BLVD
BEGIN PROJECT
STA. 203+94.96

ROADWAY PLANS
ENGINEER OF RECORD: JAIME R. CELLER, P.E.
P.E. NO.: 8294
ROADWAY PLANS
COUNTY UNIT
R. 40 E
R. 39 E
R. 38 E
R. 37 E
TO
WEST PALM BEACH

| | | | | | |
|------------------|---------------|------------------|------------------|------------------|------------------|
| R. 40 E | R. 39 E | R. 38 E | R. 37 E | T. 36 S | T. 37 S |
| TO FT. PIERCE | TO ORLANDO | TO FT. PIERCE | TO FT. PIERCE | TO FT. PIERCE | TO FT. PIERCE |
| REP WEST | REP WEST | REP WEST | REP WEST | REP WEST | REP WEST |

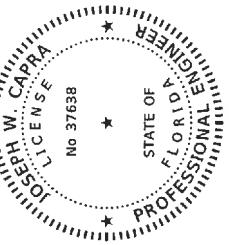
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Scans

3/25/2024 3:50:06 PM PDF Version 7.00 - See <http://www.floridaprogrammanagement.com/implemented.aspx> for more details.

| | |
|-------------|----|
| FISCAL YEAR | 24 |
| SHEET NO. | 1 |

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



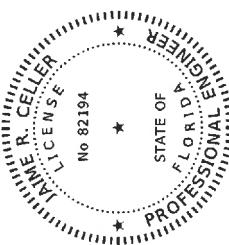
ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

CONSOR ENGINEERS, LLC
2011 Vista Parkway, Suite 107
West Palm Beach, FL 33411
Phone: (561) 253-3550
Jaime R. Celler, P.E. No. 82194

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 6TG15-23.004, F.A.C.

| SHEET NO. | SHEET DESCRIPTION |
|----------------|--------------------------------|
| 1 | KEY SHEET |
| 2 | SIGNATURE SHEET |
| 3A | SUMMARY OF PAY ITEMS |
| 4 THRU 5 | TYPOICAL SECTION DETAILS |
| 6 THRU 10 | PLAN & PROFILE |
| 12 THRU 15 | INTERSECTION DETAIL |
| 21 | CROSS SECTIONS |
| 22 THRU 31 | SIDE STREET CROSS SECTIONS |
| 32 THRU 34 | TEMPORARY TRAFFIC CONTROL PLAN |
| 35 THRU 38 | SUMMARY OF QUANTITIES |
| SO-1 THRU SO-7 | |

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

CAPITIC ENGINEERING, Inc.
301 NW Flasher Ave.,
Stuart, FL 34994,
Phone: (772) 612-4444
Joseph W. Capra, P.E. No. 37638

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 6TG15-23.004, F.A.C.

| SHEET NO. | SHEET DESCRIPTION |
|-----------|---------------------------|
| 1 | SIGNATURE SHEET |
| 2 | SUMMARY OF PAY ITEMS |
| 3A | GENERAL NOTES |
| 4 | DRAINAGE STRUCTURE TABLE |
| 5 | DRAINAGE IMPROVEMENT PLAN |
| 6 | UTILITY ADJUSTMENT |

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | BOARD OF COUNTY COMMISSIONERS | SIGNATURE SHEET | SHEET NO. |
|---------|-------------|-----------|------|-------------|---------------------------------|---|---------------------------------|-----------|
| 7/27/07 | Initial | | | | James R. Celler, P.E. No. 82194 | Prima Vista Boulevard Median Improvements | James R. Celler, P.E. No. 82194 | 2 |

| SUMMARY OF PAY ITEMS - ROADWAY | | | | | |
|--------------------------------|--|-------|---------------------|------------------|------|
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY TOTAL PLAN | ITEM DESCRIPTION | UNIT |
| 0101 1 | MOBILIZATION | LS | 1 | | |
| 0101 1.8 | CONSTRUCTION VIDEO | LS | 1 | | |
| 0101 99 | SURVEY STAKING & RECORD DRAWINGS | LS | 1 | | |
| 0102 1 | MAINTENANCE OF TRAFFIC | LS | 1 | | |
| 0107 1 | LITTER REMOVAL | LS | 1 | | |
| 0107 2 | NOWING | LS | 1 | | |
| 0108 1 | INSPECTION & SETTLEMENT MONITORING | LS | 1 | | |
| 0108 2 | VIBRATION MONITORING | LS | 1 | | |
| 0110 1 1 | CLEARING & GRUBBING | LS/AC | 1/0.41 | | |
| 0110 4 10 | REMOVAL OF EXISTING CONCRETE | SY | 998 | | |
| 0120 1 | REGULAR EXCAVATION | CY | 148.2 | | |
| 0120 6 | EMBANKMENT STABILIZATION | CY | 195.1 | | |
| 0160 4 | TYPE B STABILIZATION | SY | 731 | | |
| 0285 709 | OPTIONAL BASE, BASE GROUP 09 | SY | 87 | | |
| 0327 70 6 | MILLING EXIST. ASPH. PAINT 1.5" AVG. DEPTH | SY | 11750 | | |
| 0334 1 13 | SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22 | TN | 1362.0 | | |
| 0334 1 53 | SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22 | TN | 974.0 | | |
| 0520 1 10 | CONCRETE CURB & GUTTER, TYPE F | LF | 2806 | | |
| 0520 2 4 | CONCRETE CURB, TYPE D | LF | 914 | | |
| 0522 1 | CONCRETE SIDEWALK 4" THICK | SY | 484 | | |
| 0522 2 | CONCRETE SIDEWALK 6" THICK (SIDEWALK/DRIVeway) | SY | 438 | | |
| 0527 2 | DETECTABLE WARNINGS | SF | 75 | | |
| 0570 1 2 | PERFORMANCE TURF, SOD | SY | 1418 | | |
| 2000 1 | UTILITY COORDINATION | LS | 1 | | |

| SUMMARY OF PAY ITEMS - SIGNING & PAVEMENT MARKINGS | | | | | |
|--|---|------|---------------------|------------------|------|
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY TOTAL PLAN | ITEM DESCRIPTION | UNIT |
| 0700 1 112 | SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12'-0"-20' 0 SF | EA | 2 | | |
| 0705 10 1 | OBJECT MARKER, TYPE I | EA | 2 | | |
| 0705 11 1 | DEFINATOR, FLEXIBLE TUBULAR RAISED PAVEMENT MARKERS, TYPE B | EA | 2 | | |
| 0706 1 3 | PAINTED PAVEMENT MARKINGS, FINAL SURFACE | EA | 212 | | |
| 0710 11 290 | PAINTED PAVEMENT MARKS, STANDARD, YELLOW, ISLAND NOSE | SF | 27 | | |
| 0710 90 | PAINTED PAVEMENT MARKS, STANDARD, WHITE, SOLID, CROSSWALK, 12" | LS | 1 | | |
| 0711 11 123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | 798 | | |
| 0711 11 124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 36 | | |
| 0711 11 125 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE 6'-10' GAP EXTENSION, 6" | CM | 0.085 | | |
| 0711 11 141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDE LINE / 6'-10' DOTTED EXTENSION LINE, 6" | CM | 1.3 | | |
| 0711 11 170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | CM | 0.062 | | |
| 0711 11 241 | THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE / 6'-10' DOTTED EXTENSION LINE, 6" | CM | 511 | | |
| 0711 14 125 | THERMOPLASTIC, PREFERRED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 517 | | |
| 0711 16 101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | CM | 0.728 | | |
| 0711 16 131 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKP, 6'-10'-30' SKIP OR 3-9 LANE DROP | CM | 0.480 | | |
| 0711 16 201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | CM | 0.387 | | |
| 0711 16 231 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKP, 6" | CM | 0.092 | | |

| SUMMARY OF PAY ITEMS - LIGHTING | | | | | |
|---------------------------------|--|------|---------------------|------------------|------|
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY TOTAL PLAN | ITEM DESCRIPTION | UNIT |
| 0630 2 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 497 | | |
| 0630 2 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 1084 | | |
| 0635 2 11 | PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE | EA | 24 | | |
| 0639 1 122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 1 | | |
| 0639 2 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 33 | | |
| 0641 2 11 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 PEDESTAL | EA | 2 | | |
| 0715 1 12 | LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6 | LF | 6991 | | |
| 0715 61 111 | LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH | EA | 7 | | |
| 0715 62 111 | LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH | EA | 2 | | |
| 0715 7 11 | LOAD CENTER, F&I, SECONDARY VOLTAGE | EA | 1 | | |
| 0715 500 1 | POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL FOUNDATION F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 25' | EA | 10 | | |
| 0715 511 125SP | LIGHT POLE COMPLETE- SPECIAL DESIGN, SPECIFIC FOUNDATION F&I, SINGLE ARM SHOULDER MOUNT, | EA | 1 | | |

| DATE | DESCRIPTION | REVISED DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | BOARD OF COUNTY COMMISSIONERS | SHEET NO. |
|-----------|-------------|--------------|-------------|--------------------------------|--|-----------|
| 1/15/2014 | 1/15/2014 | | | CONSOR | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | 3A |

www.consolinc.com

1/15/2014 1/15/2014 1/15/2014 1/15/2014 1/15/2014 1/15/2014 1/15/2014

| SUMMARY OF PAY ITEMS - SIGNALIZATION | | | |
|--------------------------------------|--|------|----------------|
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY TOTAL |
| 0630 2 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 200 |
| 0630 2 12 | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL | LF | 1120 |
| 0632 7 1 | SIGNAL CABLE, REMOVE - UNDERGROUND, 2-12 FIBERS | PI | 1 |
| 0632 7 6 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS | PI | 1 |
| 0633 1 121 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 13-48 FIBERS | LF | 30 |
| 0633 1 122 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 49-96 FIBERS | LF | 200 |
| 0633 1 123 | FIBER OPTIC CONNECTION, INSTALL SPLICE | LF | 30 |
| 0633 2 31 | FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY | EA | 24 |
| 0633 3 12 | FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY | EA | 1 |
| 0633 3 13 | FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED | EA | 24 |
| 0633 3 16 | FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED | EA | 1 |
| 0633 3 17 | FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL | EA | 1 |
| 0635 2 11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 18 |
| 0635 2 12 | PULL & SPLICE BOX, F&I, 24" x 36" COVER SIZE | EA | 2 |
| 0639 1 122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND | AS | 1 |
| 0639 2 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 10 |
| 0639 3 11 | ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT | EA | 1 |
| 0641 2 12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 1 |
| 0641 2 80 | PRESTRESSED CONCRETE POLE, REMOVE | EA | 1 |
| 0646 1 11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 3 |
| 0649 21 10 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60' | EA | 3 |
| 0649 21 15 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70' | EA | 1 |
| 0650 1 14 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY | AS | 4 |
| 0650 1 19 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY | AS | 4 |
| 0653 1 17 | PEDESTRIAN SIGNAL, FURNISH & INSTALLED COUNTDOWN, 1 WAY | AS | 2 |
| 0660 4 11 | VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT | EA | 1 |
| 0660 4 12 | VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT | EA | 4 |
| 0665 1 11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 8 |
| 0670 5 111 | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION | AS | 1 |
| 0682 1 113 | ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION | EA | 4 |
| 0684 1 1 | MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL | EA | 1 |
| 0685 1 14 | UNINTERRUPTIBLE POWER SUPPLY, F&I ONLINE DOUBLE CONVERSION WITH CABINET | EA | 1 |
| 0700 3 101 | SIGN PANEL, FURNISH & INSTALL, GROUND MOUNT, UP TO 12 SF | EA | 8 |
| 0700 5 22 | INTERNAL ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF | EA | 4 |
| 0715 5 31 | FURNISH & INSTALL NEW LUMINARY, BRACKET AND ARM ON NEW/EXISTING POLE | EA | 1 |

| SUMMARY OF PAY ITEMS - DRAINAGE | | | |
|---------------------------------|--|------|----------------|
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY TOTAL |
| 0104 10 3 | SEDIMENT BARRIER | LF | 1,00 |
| 0104 18 | INLET PROTECTION SYSTEM | EA | 13 |
| 0425 1 331 | INLETS, CURB, TYPE P-3, <10" | EA | 1 |
| 0425 1 361 | INLETS, CURB, TYPE P-6 ≤ 10" | EA | 1 |
| 0425 1 452 | INLETS, CURB, TYPE J-5 > 10" | EA | 1 |
| 0425 4 | MANHOLES, ADJUST | EA | 1 |
| 0430 175 115 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" S/CD | LF | 394 |
| 0430 175 118 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD | LF | 153 |
| 0430 175 124 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD | LF | 336 |
| 0430 175 130 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30" S/CD | LF | 283 |
| 0430 175 148 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 48" S/CD | LF | 701 |
| 0430 175 160 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 60" S/CD | LF | 209 |

| REVISION 5 DESCRIPTION | PRIMA VISTA BLVD | PRIMA VISTA BLVD. | PRIMA VISTA BLVD. | SUMMARY OF PAY ITEMS |
|---------------------------|------------------|-------------------|-------------------|----------------------|
| | | | | |



CAPPITOS

Engineering Services

No. EG-Q007557

SHEET NO.
3B

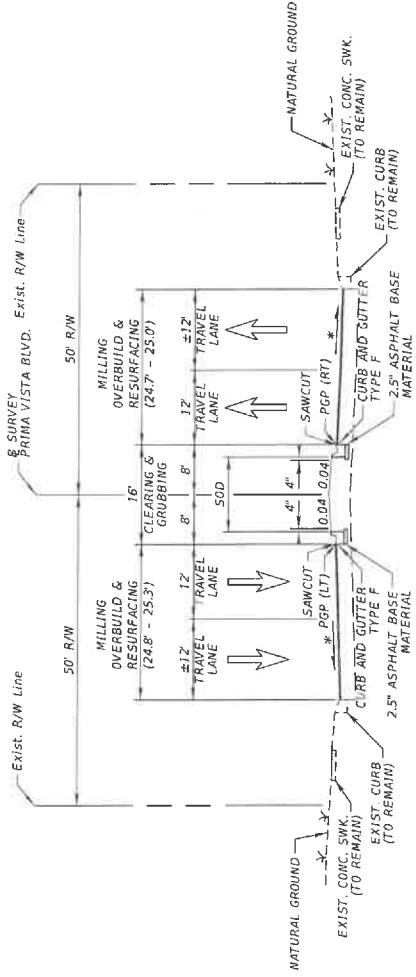
| SUMMARY OF PAY ITEMS- UTILITY RELOCATION | | ITEM DESCRIPTION | | UNIT | QUANTITY PLAN | TOTAL |
|--|---|------------------|--|------|------------------|-------|
| PAY ITEM NO. | | | | LF | 5 | FINAL |
| S-1 | VALVE BOX ADJUSTMENT | | | EA | 2 | |
| S-2 | SANITARY MANHOLE RING AND COVER ADJUSTMENTS | | | | | |

| DATE | REVISION DESCRIPTION | ROAD NO. | COUNTY | SUMMARY OF PAY ITEMS | SHEET NO. |
|------|-------------------------|--|------------------|-------------------------|--------------|
| | | PRIMA VISTA BLVD. PRIMA VISTA BLVD. | ST. LUCIE COUNTY | Chen Sing, Ever E. | 3C |

301 NW Flagler Ave
Stuart, Florida 34994
Phone: (727) 692-2434
JOSEPH W. APPRA,
E.I.E., No. 77158
Engineering Business
Reg. No. EB-0001657



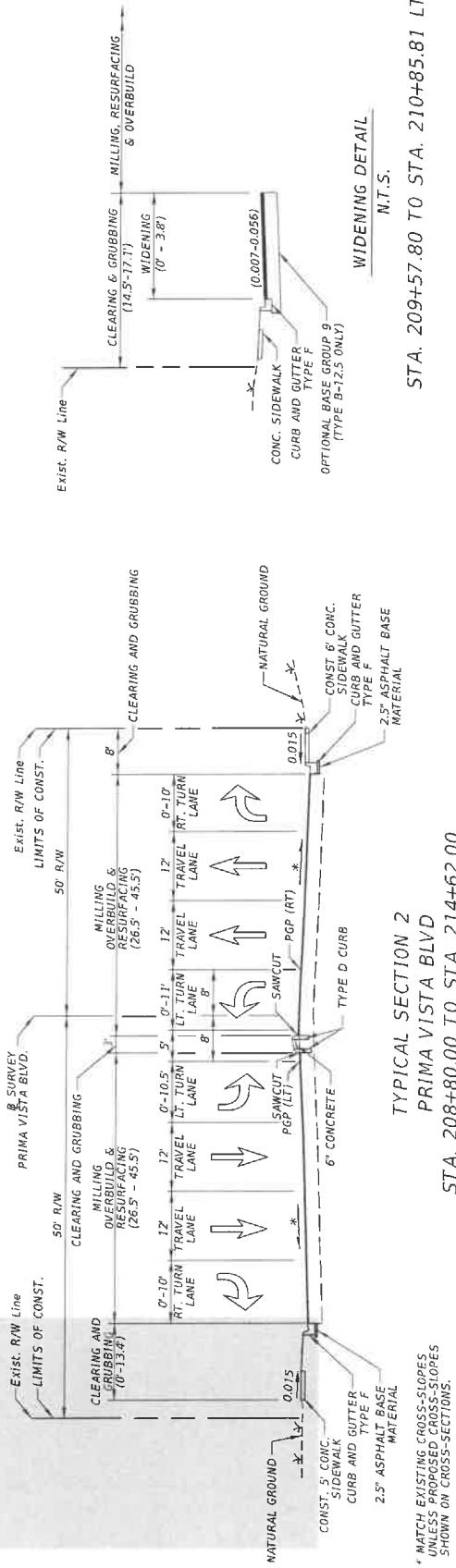
Capitol
Engineering Professionals



TYPICAL SECTION 2
PRIMA VISTA BLVD

STA. 208+80.00 TO STA. 214+62.00
POSTED / DESIGN SPEED = 40 MPH

** SEE WIDENING DETAIL



STA. 209+57.80 TO STA. 210+85.81 LT

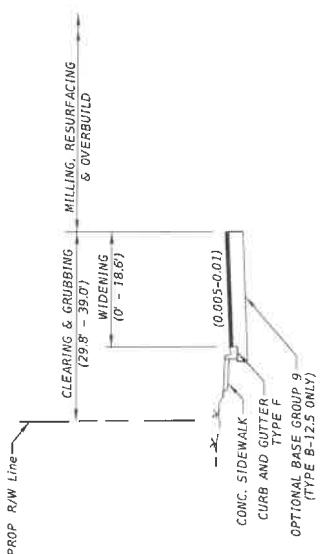
TYPICAL SECTION 2
PRIMA VISTA BLVD

STA. 208+80.00 TO STA. 214+62.00
POSTED / DESIGN SPEED = 40 MPH

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | BOARD OF COUNTY COMMISSIONERS | TYPICAL SECTION | SHEET NO. |
|-----------|--|-----------|-----------|--|---|--|-----------------|-----------|
| 5/17/2014 | CONSTRUCTION DOCUMENTS FOR ST. LUCIE COUNTY PROJECT NO. 527184 | | 5/17/2014 | CONSTRUCTION DOCUMENTS FOR ST. LUCIE COUNTY PROJECT NO. 527184 | 2041 Vista Park, Suite 101 West Palm Beach, FL 33411 Phone: 561.262.6550 Fax: 561.262.6550 John R. Coker, P.E. No. 527184 | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | 4 | 4 |

IMPROVEMENTS 5

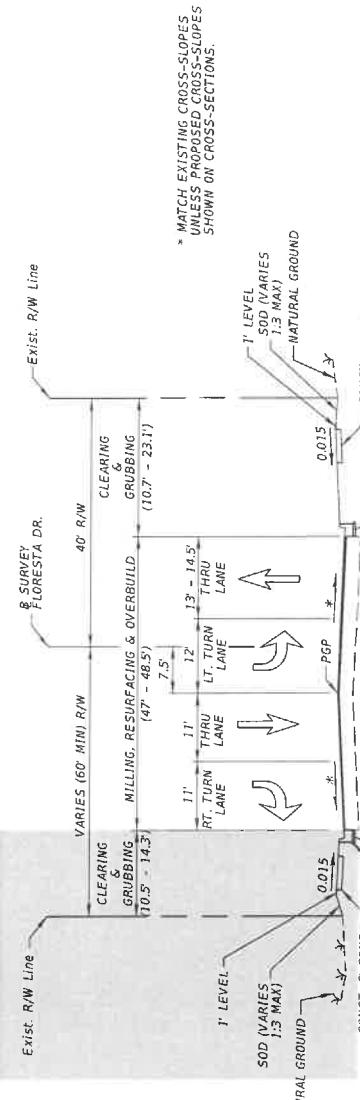
**** SEE WIDENING DETAIL**



STA: 727+17.12 TO STA: 727+44.00 LT

WIDENING DETAIL

The diagram illustrates a street widening detail with two cross-sections. The left section shows an 'Exist. RW Line' and a 'CLEARING S. GRUBBING' area. The right section shows a '1' LEVEL' surface, 'NATURAL GROUND' with 'SOD (VARIES 1/3 MAX)', and a 'CONSTR. S CONC SIDEWALK CURB AND GUTTER TYPE F'. A vertical dimension line indicates a height of '0.015' between the top of the curb/gutter and the 'NATURAL GROUND'. The total width of the new section is labeled as '10.5 = 14.3'. The right side of the diagram features the words 'STA. POST'.



TYPICAL SECTION 3
NE FLORESTA DRIVE
STA. 727+17.12 TO STA. 730+45.54
POSTED / DESIGN SPEED = 40 MPH
1ST ASPIRE MATERIAL

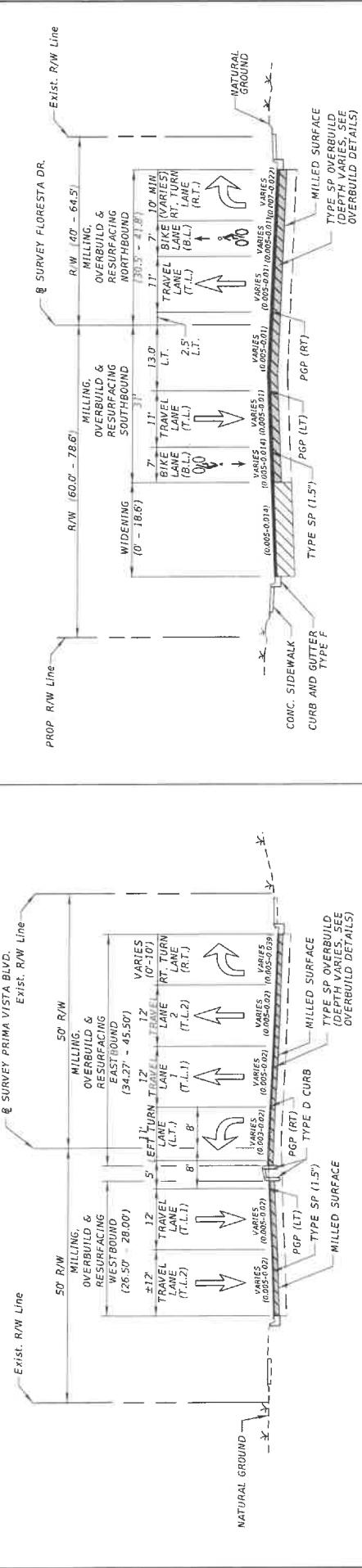
MILLING

RESURFACING & OVERBUILD

**OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY) (6") WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1½")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1¼")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1½") (PG76-22)**

INTRODUCTION

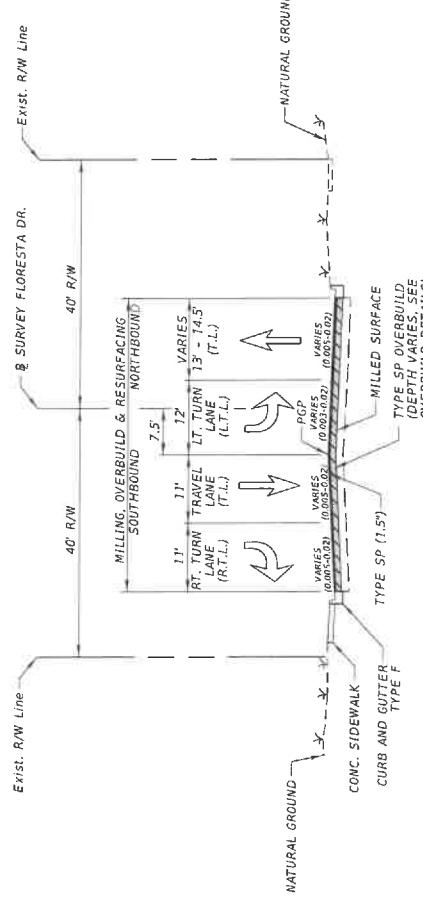
ASPHALT BASE CURB PAD DETAIL



PRIMA VISTA OVERRBUILD AND RESURFACING DETAIL (N.T.S.)

FLORESTA OVERBUILD AND RESURFACING DETAIL (N.T.S.)

STA. 727+17.12 TO STA. 727+44.40



FLORESTA OVERBUILD AND RESURFACING DETAIL (N.T.S.)

STA. 728+26.53 TO STA. 730+28.00

卷之三

COUNTY

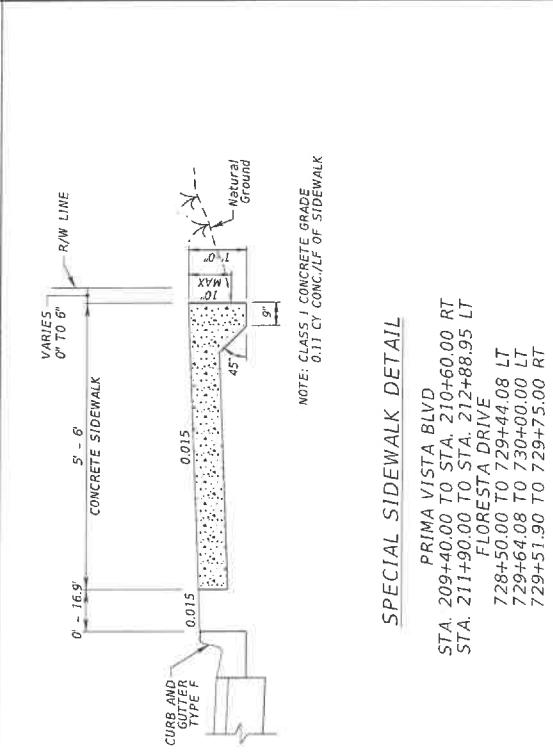
COMMISSIONERS

OULEVARD

Jaime R. Celler, P.E., No. 82194

3/3/2024 2:25:03 PM Beau

pw.americanpw.enr.com/americanpw/documents/industry-project-schedule-(04-05-04) roadway



SPECIAL SIDEWALK DETAILS

PRIMA VISTA BLVD
STA. 209+40.00 TO STA. 210+
STA. 211+00.00 TO STA. 211+

31A. \$11490.00 TO 31A. \$12488.93 L
FLORESTA DRIVE
72845000 TO 72844108 LT

729+51.90 T0 729+75.00 RT

卷之三

COUNTY

COMMISSIONERS TYPICAL

BOULEVARD

IMPROVEMENTS

can-pw.enriley.com:american-power/documents/industry/or

pw.americanpw.enr.com/americanpw/documents/industry-project-schedule-(04-05-04) roadway

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | TYPICAL SECTION | | SHEET NO. |
|------|-------------|-----------|------|-------------|-------------------------------|--|--------------|
| | | | | | BOARD OF COUNTY COMMISSIONERS | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | |
| | | | | | | | 6 |

CONSOR

 2019 Pritchard Street
 West Palm Beach, Florida 33401
 Phone (561) 263-0550
 James R. Celler, P.E. #2794

| OVERBUILD DETAILS | | | | | | | |
|-------------------|------------------|---------------|-----------------------|------------------------------------|--------------------------------|-----------------------------------|--|
| STATION | LOCATION | EXIST LANE | PROPOSED SLOPE (%) | MAX DEPTH OF OVERBUILD (IN.) | WIDTH OF OVERBUILD (FT.) | AREA OF OVERBUILD (SQ. FT.) | |
| 208+30.00 | EASTBOUND L.T. | (-2) 1 | EXIST. | 0.0 | 0.0 | 0.0 | |
| 208+30.00 | EASTBOUND L.T. | (-2) 2 | (-2) 0 | 1.2 | .4 | 0.4 | |
| 209+00.00 | EASTBOUND L.T. | (-2) 2 | (-2) 0 | 4.6 | 11.5 | 2.7 | |
| 209+50.00 | EASTBOUND L.T. | (-1) 9 | (-2) 0 | 4.5 | 11.5 | 3.1 | |
| 210+00.00 | EASTBOUND L.T. | (-1) 2 | (-1) 6 | 3.1 | 11.5 | 1.9 | |
| 210+50.00 | EASTBOUND L.T. | (-1) 8 | (-1) 1 | 1.8 | 11.1 | 1.1 | |
| 211+00.00 | EASTBOUND L.T. | (-2) 0 | (-0) 5 | 6.5 | 10.3 | 4.7 | |
| 211+50.00 | EASTBOUND L.T. | (-2) 5 | (-0) 3 | 9.5 | 7.5 | 5.4 | |
| 212+00.00 | EASTBOUND L.T. | (-2) 9 | (-1) 1 | 6.9 | 1.5 | 0.8 | |
| 212+50.00 | EASTBOUND L.T. | (-2) 2 | (-1) 6 | 4.1 | .5 | 0.7 | |
| 212+50.00 | EASTBOUND L.T. | (-2) 5 | EXIST. | 0.0 | 1.5 | 0.0 | |
| 208+30.00 | EASTBOUND T.L.T. | (-2) 2 | EXIST. | 0.0 | 12.0 | 0.0 | |
| 209+50.00 | EASTBOUND T.L.T. | (-2) 3 | (-2) 0 | 1.7 | 12.0 | 1.4 | |
| 209+00.00 | EASTBOUND T.L.T. | (-2) 4 | (-2) 0 | 3.5 | 12.0 | 3.3 | |
| 209+50.00 | EASTBOUND T.L.T. | (-2) 2 | (-2) 0 | 3.2 | 12.0 | 3.1 | |
| 210+00.00 | EASTBOUND T.L.T. | (-2) 5 | (-1) 6 | 3.3 | 12.0 | 2.7 | |
| 210+50.00 | EASTBOUND T.L.T. | (-2) 4 | (-1) 1 | 3.2 | 12.0 | 2.3 | |
| 211+00.00 | EASTBOUND T.L.T. | (-1) 9 | (-0) 5 | 8.5 | 12.0 | 7.6 | |
| 211+50.00 | EASTBOUND T.L.T. | (-1) 8 | (-0) 5 | 11.3 | 12.0 | 10.6 | |
| 212+00.00 | EASTBOUND T.L.T. | (-2) 4 | (-1) 1 | 8.8 | 12.0 | 7.8 | |
| 212+50.00 | EASTBOUND T.L.T. | (-2) 4 | (-1) 6 | 5.3 | 12.0 | 4.8 | |
| 212+95.00 | EASTBOUND T.L.T. | (-2) 7 | EXIST. | 0.0 | 12.0 | 0.0 | |
| 208+30.00 | EASTBOUND T.L.T. | (-2) 1 | EXIST. | 0.0 | 12.0 | 0.0 | |
| 208+50.00 | EASTBOUND T.L.T. | (-2) 2 | (-2) 0 | 2.0 | 12.0 | 1.9 | |
| 209+00.00 | EASTBOUND T.L.T. | (-2) 0 | (-2) 0 | 3.5 | 12.0 | 3.5 | |
| 209+50.00 | EASTBOUND T.L.T. | (-1) 6 | (-2) 0 | 3.2 | 12.0 | 2.9 | |
| 210+00.00 | EASTBOUND T.L.T. | (-1) 6 | (-1) 6 | 3.3 | 12.0 | 3.4 | |
| 210+50.00 | EASTBOUND T.L.T. | (-1) 9 | (-1) 6 | 4.4 | 12.0 | 3.8 | |
| 211+00.00 | EASTBOUND T.L.T. | (-1) 9 | (-0) 5 | 10.4 | 12.0 | 7.6 | |
| 211+50.00 | EASTBOUND T.L.T. | (-2) 4 | (-0) 5 | 11.1 | 12.0 | 11.1 | |
| 212+00.00 | EASTBOUND T.L.T. | (-1) 5 | (-1) 1 | 9.4 | 13.0 | 9.9 | |
| 212+50.00 | EASTBOUND T.L.T. | (-1) 7 | (-1) 6 | 5.3 | 13.0 | 5.4 | |
| 213+95.00 | EASTBOUND T.L.T. | (-1) 8 | (-2) 0 | 0.0 | 0.0 | 0.0 | |
| 208+30.00 | EASTBOUND R.T. | (-2) 0 | EXIST. | 0.0 | 2.3 | 0.0 | |
| 208+50.00 | EASTBOUND R.T. | (-2) 1 | (-2) 0 | 2.0 | 3.1 | 0.5 | |
| 209+00.00 | EASTBOUND R.T. | (-1) 6 | (-2) 0 | 3.5 | 6.1 | 1.8 | |
| 209+50.00 | EASTBOUND R.T. | (-1) 7 | (-2) 0 | 2.3 | 10.0 | 2.0 | |
| 210+00.00 | EASTBOUND R.T. | (-1) 8 | (-2) 8 | 3.3 | 10.0 | 2.3 | |
| 210+50.00 | EASTBOUND R.T. | (-1) 2 | (-3) 7 | 4.4 | 10.1 | 3.0 | |
| 211+00.00 | EASTBOUND R.T. | (-1) 4 | (-0) 5 | 11.6 | 8.4 | 7.8 | |
| 211+50.00 | EASTBOUND R.T. | (-1) 0 | (-0) 5 | 10.9 | 8.2 | 7.6 | |
| 211+75.00 | EASTBOUND R.T. | (-1) 0 | (-0) 5 | 0.0 | 0.0 | 0.0 | |

PRIMA VISTA
EASTBOUND

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
Phone: (267) 253-9756
Fax: (267) 253-9756
Email: americanpw.ten@comcast.net
www.americanpw.ten.com

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |



consoor
CONSTRUCTION
MANAGEMENT
SERVICES

SHEET
NO.
7

ST. LUCIE COUNTY
BOARD OF COUNTY COMMISSIONERS
PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS

| OVERBUILD DETAILS | | | | | | |
|-------------------|-----------------|---------|------------------|--------------------|-------------------------------|--------------------------|
| STATION | LOCATION | LANE | EXIST. SLOPE (%) | PROPOSED SLOPE (%) | MAX. DEPTH OF OVERRUILD (IN.) | WIDTH OF OVERRUILD (FT.) |
| 208+92.00 | WESTBOUND L.T. | (-/-2.3 | EXIST. | (-/-2.3 | 0.0 | 0.0 |
| 209+00.00 | WESTBOUND L.T. | (-/-3.6 | EXIST. | (-/-2.0 | 3.7 | 1.5 |
| 209+50.00 | WESTBOUND L.T. | (-/-1.9 | EXIST. | (-/-2.0 | 2.7 | 1.5 |
| 210+00.00 | WESTBOUND L.T. | (-/-2.0 | EXIST. | (-/-1.6 | 1.5 | 1.5 |
| 210+50.00 | WESTBOUND L.T. | (-/-2.1 | EXIST. | (-/-1.1 | 2.4 | 1.5 |
| 211+00.00 | WESTBOUND L.T. | (-/-2.1 | EXIST. | (-/-0.5 | 6.3 | 5.7 |
| 211+50.00 | WESTBOUND L.T. | (-/-2.0 | EXIST. | (-/-0.5 | 8.9 | 8.5 |
| 212+00.00 | WESTBOUND L.T. | (-/-2.3 | EXIST. | (-/-1.1 | 6.9 | 11.5 |
| 212+50.00 | WESTBOUND L.T. | (-/-1.5 | EXIST. | (-/-1.6 | 5.1 | 11.5 |
| 213+00.00 | WESTBOUND L.T. | (-/-1.2 | EXIST. | (-/-2.0 | 1.2 | 2.8 |
| 213+50.00 | WESTBOUND L.T. | (-/-2.7 | EXIST. | (-/-2.0 | 1.8 | 3.0 |
| 214+00.00 | WESTBOUND L.T. | (-/-4.3 | EXIST. | (-/-2.0 | 2.0 | 3.2 |
| 214+50.00 | WESTBOUND L.T. | (-/-3.0 | EXIST. | (-/-2.0 | 2.4 | 3.9 |
| 214+72.00 | WESTBOUND L.T. | (-/-2.6 | EXIST. | (-/-2.0 | 0.0 | 0.0 |
| 208+92.00 | WESTBOUND T.L.I | (-/-2.0 | EXIST. | (-/-2.0 | 0.0 | 12.0 |
| 209+00.00 | WESTBOUND T.L.I | (-/-2.5 | EXIST. | (-/-2.0 | 4.5 | 12.0 |
| 209+50.00 | WESTBOUND T.L.I | (-/-2.3 | EXIST. | (-/-2.0 | 3.0 | 12.0 |
| 210+00.00 | WESTBOUND T.L.I | (-/-2.4 | EXIST. | (-/-1.6 | 4.8 | 12.0 |
| 210+50.00 | WESTBOUND T.L.I | (-/-3.0 | EXIST. | (-/-1.1 | 4.1 | 12.0 |
| 211+00.00 | WESTBOUND T.L.I | (-/-1.8 | EXIST. | (-/-0.5 | 8.1 | 12.0 |
| 211+50.00 | WESTBOUND T.L.I | (-/-1.7 | EXIST. | (-/-0.5 | 10.6 | 12.0 |
| 212+00.00 | WESTBOUND T.L.I | (-/-2.2 | EXIST. | (-/-1.1 | 8.2 | 12.0 |
| 212+50.00 | WESTBOUND T.L.I | (-/-2.1 | EXIST. | (-/-1.6 | 4.5 | 12.0 |
| 213+00.00 | WESTBOUND T.L.I | (-/-3.4 | EXIST. | (-/-2.0 | 0.0 | 12.0 |
| 208+82.00 | WESTBOUND T.L.I | (-/-0.9 | EXIST. | (-/-2.0 | 0.0 | 12.0 |
| 209+00.00 | WESTBOUND T.L.I | (-/-1.2 | EXIST. | (-/-2.0 | 0.0 | 12.0 |
| 209+50.00 | WESTBOUND T.L.I | (-/-1.5 | EXIST. | (-/-2.0 | 3.0 | 12.0 |
| 210+00.00 | WESTBOUND T.L.I | (-/-1.6 | EXIST. | (-/-1.6 | 2.9 | 12.0 |
| 210+50.00 | WESTBOUND T.L.I | (-/-1.8 | EXIST. | (-/-1.1 | 5.3 | 12.0 |
| 211+00.00 | WESTBOUND T.L.I | (-/-1.2 | EXIST. | (-/-0.5 | 9.2 | 12.0 |
| 211+50.00 | WESTBOUND T.L.I | (-/-1.6 | EXIST. | (-/-0.5 | 12.2 | 12.0 |
| 212+00.00 | WESTBOUND T.L.I | (-/-1.7 | EXIST. | (-/-1.1 | 8.5 | 13.0 |
| 212+50.00 | WESTBOUND T.L.I | (-/-2.0 | EXIST. | (-/-1.6 | 5.1 | 13.0 |
| 213+95.00 | WESTBOUND T.L.I | (-/-1.6 | EXIST. | (-/-1.6 | 0.0 | 13.0 |
| 210+71.12 | WESTBOUND R.T. | (-/-0.9 | EXIST. | (-/-0.9 | 0.0 | 10.0 |
| 211+00.00 | WESTBOUND R.T. | (-/-1.8 | EXIST. | (-/-0.5 | 9.7 | 10.0 |
| 211+50.00 | WESTBOUND R.T. | (-/-1.3 | EXIST. | (-/-0.5 | 13.7 | 10.0 |
| 212+00.00 | WESTBOUND R.T. | (-/-1.4 | EXIST. | (-/-3.0 | 8.5 | 10.0 |
| 212+50.00 | WESTBOUND R.T. | (-/-1.5 | EXIST. | (-/-2.4 | 5.1 | 10.0 |
| 213+95.00 | WESTBOUND R.T. | (-/-1.8 | EXIST. | (-/-1.8 | 0.0 | 10.0 |

PRIMA VISTA
WESTBOUND

| OVERBUILD DETAILS | | | | | | |
|----------------------|------------------|---------------------|-----------------------|-------------------------------------|--------------------------------|-----------------------------------|
| STATION | LOCATION LANE | EXIST. SLOPE (%) | PROPOSED SLOPE (%) | MAX. DEPTH OF OVERBUILD (IN.) | WIDTH OF OVERBUILD (FT.) | AREA OF OVERBUILD (SQ. FT.) |
| SOUTH OF PRIMA VISTA | | | | | | |
| 72R+17.12 | NORTHBOUND L.T. | (-) 2.0 | (-) 1.0 | 9.9 | 7.0 | 5.5 |
| 72R+44.40 | NORTHBOUND L.T. | (-) 2.0 | (-) 0.5 | 12.0 | 14.8 | 14.0 |
| 72R+17.12 | NORTHBOUND T.L. | (-) 2.0 | (-) 1.0 | 10.4 | 11.0 | 9.1 |
| 72R+44.40 | NORTHBOUND T.L. | (-) 2.0 | (-) 0.5 | 10.7 | 11.6 | 10.2 |
| 72R+17.12 | NORTHBOUND B.L. | (-) 2.0 | (-) 1.0 | 11.9 | 7.0 | 6.5 |
| 72R+44.40 | NORTHBOUND B.L. | (-) 2.0 | (-) 0.5 | 11.1 | 7.0 | 6.3 |
| 72R+17.12 | NORTHBOUND R.T. | (-) 2.0 | (-) 2.2 | 12.2 | 10.0 | 10.0 |
| 72R+44.40 | NORTHBOUND R.T. | (-) 2.0 | (-) 0.7 | 12.4 | 19.5 | 19.2 |
| NORTH OF PRIMA VISTA | | | | | | |
| 72B+26.53 | NORTHBOUND T.L. | (-) 4.3 | (-) 0.5 | 12.8 | 14.5 | 11.9 |
| 72B+57.18 | NORTHBOUND T.L. | (-) 4.3 | (-) 1.0 | 12.8 | 14.5 | 11.9 |
| 72B+00.00 | NORTHBOUND T.L. | (-) 4.1 | (-) 1.4 | 6.7 | 14.7 | 5.3 |
| 72B+50.00 | NORTHBOUND T.L. | (-) 2.8 | (-) 2.8 | 1.7 | 13.2 | 0.9 |
| 73B+00.00 | NORTHBOUND T.L. | (-) 2.2 | (-) 3.5 | 1.9 | 11.9 | 1.0 |
| 73B+28.00 | NORTHBOUND T.L. | (-) 2.4 | (-) 3.3 | 0.0 | 11.3 | 0.0 |

FLORESTA
NORTHBOUND

| | | | | | | | |
|--|-------------|-----------|-----------|-------------|---|----------------------------|--------------|
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY BOARD OF COUNTY COMMISSIONERS | TYPICAL SECTION DETAILS | SHEET NO. |
| 7/31/2014 | | | 7/31/2014 | | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | | 9 |
| CONSOR CONSULTING ENGINEERS, INC. 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 833-3331 Fax: (561) 833-3333 Email: info@consor.com www.consol.com | | | | | | | |

| OVERBUILD DETAILS | | | | | | |
|----------------------|-------------------|---------------------|-----------------------|-------------------------------------|--------------------------------|-----------------------------------|
| STATION | LOCATION LANE | EXIST. SLOPE (%) | PROPOSED SLOPE (%) | MAX. DEPTH OF OVERBUILD (IN.) | WIDTH OF OVERBUILD (FT.) | AREA OF OVERBUILD (SQ. FT.) |
| SOUTH OF PRIMA VISTA | | | | | | |
| 72+17.12 | SOUTHBOUND L.T. | (-)-3.4 | (-)-1.0 | 12.9 | 5.9 | 61 |
| 72+17.12 | SOUTHBOUND T.L. | (-)-2.4 | (-)-1.0 | 14.4 | 11.0 | 127 |
| 72+44.40 | SOUTHBOUND T.L. | (-)-2.4 | (-)-0.5 | 11.9 | 11.0 | 109 |
| 72+17.12 | SOUTHBOUND B.L. | (-)-1.3 | (-)-1.0 | 14.8 | 7.7 | 94 |
| 72+44.40 | SOUTHBOUND B.L. | (-)-1.5 | (-)-1.4 | 13.2 | 37.1 | 260 |
| NORTH OF PRIMA VISTA | | | | | | |
| 72+26.53 | SOUTHBOUND L.T.L. | (-)-1.1 | (-)-0.5 | 7.0 | 12.0 | 69 |
| 72+57.18 | SOUTHBOUND L.T.L. | (-)-1.1 | (-)-1.0 | 7.0 | 12.0 | 69 |
| 72+00.00 | SOUTHBOUND L.T.L. | (-)-0.4 | (-)-1.4 | 3.6 | 12.0 | 30 |
| 72+50.00 | SOUTHBOUND L.T.L. | (-)-0.5 | (-)-0.8 | 1.8 | 12.0 | 10 |
| 73+00.00 | SOUTHBOUND L.T.L. | (-)-0.5 | (-)-0.5 | 2.0 | 11.9 | 17 |
| 73+28.00 | SOUTHBOUND L.T.L. | (-)-1.3 | (-)-1.0 | 0.0 | 10.9 | 00 |
| 72+26.53 | SOUTHBOUND T.L. | (-)-0.5 | (-)-0.5 | 6.9 | 11.8 | 59 |
| 72+57.18 | SOUTHBOUND T.L. | (-)-0.5 | (-)-1.0 | 6.9 | 11.0 | 59 |
| 72+00.00 | SOUTHBOUND T.L. | (-)-1.4 | (-)-1.4 | 3.6 | 11.0 | 37 |
| 72+50.00 | SOUTHBOUND T.L. | (-)-2.7 | (-)-1.9 | 2.8 | 11.0 | 19 |
| 73+00.00 | SOUTHBOUND T.L. | (-)-2.8 | (-)-2.0 | 3.1 | 11.2 | 26 |
| 73+28.00 | SOUTHBOUND T.L. | (-)-2.1 | (-)-2.5 | 0.0 | 11.3 | 00 |
| 72+26.53 | SOUTHBOUND R.T.L. | (-)-2.3 | (-)-0.5 | 8.0 | 22.0 | 67 |
| 72+57.18 | SOUTHBOUND R.T.L. | (-)-2.3 | (-)-1.0 | 8.0 | 11.0 | 67 |
| 72+00.00 | SOUTHBOUND R.T.L. | (-)-2.6 | (-)-1.4 | 5.2 | 11.0 | 39 |
| 72+50.00 | SOUTHBOUND R.T.L. | (-)-3.0 | (-)-1.9 | 3.1 | 10.9 | 33 |
| 73+00.00 | SOUTHBOUND R.T.L. | (-)-2.0 | (-)-2.0 | 3.3 | 9.9 | 27 |
| 73+28.00 | SOUTHBOUND R.T.L. | (-)-3.1 | (-)-3.1 | 0.0 | 8.4 | 00 |

FLORESTA
SOUTHBOUND

| | | | | | | | |
|---|------------------|-----------|------|-------------|---|----------------------------|--------------|
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY BOARD OF COUNTY COMMISSIONERS | TYPICAL SECTION DETAILS | SHEET NO. |
| 1/17/2017 | Prima Vista Blvd | | | | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | | 10 |
| prima-vista-blvd.sldx Project 503739 Structure Document 503739 File Path: \\192.168.1.10\Projects\503739\Structure\Project 503739\Blvd.sldx | | | | | | | |

GENERAL NOTES:

- Governing specifications: Florida Department of Transportation, Standard Specifications for Road and Bridge Construction, Year 2024-25, in addition all activities are to be performed in accordance with the technical provisions of the construction contract.
- Construction details shall be in accordance with Florida standard plans year FY 2024-25.
- Vertical data is North American vertical datum of 1988 (NAVD - 88).
- Notify St. Lucie County Surveyor if survey monuments are in the way of disturbed ground or utility lines described in item 10.
- The contractor shall notify affected utility companies 14 days prior to construction operations adjacent to their facilities. This item shall be completed in compliance with the general conditions of the construction contract.
- The contractor shall contact the owners office immediately if conflicts arise during construction at:

St. Lucie County Engineering Division
2300 Virginia Ave.
2nd Floor Annex
Ft. Pierce, Florida 34982
Phone: (772) 462-7007
- Prior to the commencement of any excavation, the contractor shall comply with Florida state statute 58.85 for the protection of underground utilities and shall call 811 for locations.
- The contractor shall contact the owners office IMMEDIATELY if conflicts arise during construction at:

St. Lucie County Engineering Division
2300 Virginia Ave.
2nd Floor Annex
Ft. Pierce, Florida 34982
Phone: (772) 462-7007
- The contractor shall restore all areas disturbed by this construction to a condition equal to or better than currently existing.
- The maintenance of traffic for this project shall be in accordance with the applicable DOT index numbers (102-600 for streets and highways) as determined by the department of transportation. These shall be followed in the design application, installation, maintenance and removal of all traffic control devices, warning devices and barriers necessary to protect the public and workers from hazards within the project.
- All existing features to remain unless otherwise noted in the plans.
- Erosion control measures shall be taken by contractor prior to and during construction as per DOT standard specifications section 104.
- Turbidity barriers shall be installed as per DOT standard plans index 104-11.
- Any discrepancies on the drawings shall be brought to the attention of the engineer before commencing work. No field

RESOLUTION OF 300 DOTS PER INCH (DPI).

ALL RECORD DRAWING INFORMATION SHALL ACCURATELY DEPICT ALL SURVEYED INFORMATION WITH ALL HORIZONTAL VECTOR INFORMATION BEING SHOWN IN THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND STATE PLANE COORDINATE SYSTEM (SPCS). THE FOLLOWS SPECIFIED DATE IS USED FOR SURVEY FEET AS THE UNIT OF MEASUREMENT.

CAD FILES THE DIGITAL RECORD DRAWING CAD FILE SHOULD FOLLOW THESE GENERAL STANDARDS FOR INCLUSION IN THE UTILITIES DRAWING (GEOPGRAPHIC INFORMATION SYSTEM (GIS)). ALL RECORDING DRAWING PIPING INFORMATION, SEPARATE LAYER BY PIPING TYPE, COMPACTED SOIL AROUND NEWLY INSTALLED PIPING, COMPACTATION OF ANY MATERIAL PLACED AROUND NEWLY INSTALLED PIPING, A REDUCED HYDRAULIC HEAD, AND OTHER TURBIDITY AROUND LOADINGS, THIS PROJECT WILL BE COMPLETED IN ACCORDANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

SO AS TO MINIMIZE ANY ADVERSE IMPACTS ON THE ENVIRONMENT, WILDLIFE, NATURAL ENVIRONMENTAL VALUES, AND WATER QUALITY ON OFF-SITE. THE CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING FULL COMPACTION OF ANY MATERIAL PLACED AROUND NEWLY INSTALLED PIPING, A REDUCED HYDRAULIC HEAD, AND OTHER TURBIDITY AROUND LOADINGS, THIS PROJECT WILL BE COMPLETED IN ACCORDANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

TO BEGINNING ON ALL PIPING SHALL BE DRAFTED AS POLYLINES; SEPARATED ONLY AT JUNCTIONS OR CHANGES IN PIPE DIAMETER. ALL PIPING POLYLINES SHALL SNAP TO ONE ANOTHER AT EVERY JUNCTION AND CHANGE IN PIPE DIAMETER. A TEMPLATE FILE DENOTES RECORD DRAWING AVAILABILITY WHICH CLEARLY INDICATES RECORD DRAWING SUBMITTALS. ALL RECORD DRAWING SUBMITTALS SHALL ADHERE TO THE LAYER AND BLOCK STRUCTURE SUBMITTED IN THE TEMPLATE FILE.

THE CONTRACTOR WILL SUBMIT FOR APPROVAL BY OWNER A PLAN SHOWING THE SCHEMATIC DRAWING OF THE UTILITIES

MANUFACTURING, EXISTING SERVICES DRIVING CONTRACTOR, MAINTAINING EXISTING SERVICES DRIVING CONTRACTOR, CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND COUNTY RULES AND REGULATIONS GOVERNING THE USE OF STREETS FOR PROTECTION OF WORK AND PUBLIC SAFETY. MAINTENANCE OF TRAFFIC SHALL BE PROVIDED BY CONTRACTOR IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CONTRACTOR. IF MORE NUMBER REQUESTED CONTRACTOR EVER IS MORE SUBMITTED, IF DEMANDING IS REQUIRED, CONTRACTOR

SHALL PROVIDE DEMATERING PLANS AS A SHOP DRAWING SUBMITTAL.

STRUCTURES, PIPE, RIPRAP, BEDDING STONE, GEOTEXTILE AND SHALL

MANTAINING EXISTING SERVICES DRIVING CONTRACTOR

PIPE. THE CONTRACTOR IS TO USE EXTREME CAUTION WITHIN THE

VICINITY OF PRIVATE UTILITY FACILITIES. THE CONTRACTOR WILL

REQUEST PRIVATE UTILITY REPRESENTATIVES RESERVE DURING

THE OPERATION OF THE FACILITIES. THE CONTRACTOR WILL

DRAWINGS, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING

PRIVATE UTILITY LOCATIONS AND OBTAINING THE APPROXIMATE LOCATION OF

THESE FACILITIES THIS ITEM SHALL BE COMPLETED IN COMPLIANCE

WITH THE GENERAL CONDITIONS ON THE CONSTRUCTION CONTRACT.

CONTRACTOR SHALL PROJECT ALL EXISTING ABOVE OR UNDERGROUND

STRUCTURES AND SCENIC FEATURES AND UTILITIES NOT SHOWN

ON THE PLANS TO BE REMOVED BY CONSTRUCTION.

QUALIFIED SUPERINTENDENT THE CONTRACTOR SHALL PROVIDE A

QUALIFIED SUPERINTENDENT TO RENT ON THE JOB SITE AT ALL

TIMES WHEN WORK IS BEING PERFORMED. THE SUPERINTENDENT

SHALL BE PRESENT AT THE PRE-CONSTRUCTION MEETING. THIS ITEM

SHALL BE COMPLETED IN COMPLIANCE WITH THE GENERAL CONDITIONS ON THE CONSTRUCTION CONTRACT.

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE HIS COMPLETE

SUBMISSION OF THE PROJECT SITE AND COMPONENTS TO INCLUDE

THE SUBMITTAL OF A BID FOR THIS PROJECT. THE CONTRACTOR

ACKNOWLEDGES HIS COMPLETE UNDERSTANDING AND RESPONSIBILITIES

AS IT RELATES TO THE CONSTRUCTION ACTIVITIES REQUIRED UNDER

THE SCOPE OF THIS PROJECT.

22. THE "TRENCH SAFETY ACT" SHALL BE INCORPORATED INTO THIS

CONTRACT AS ENACTED BY THE LEGISLATURE OF THE STATE OF

FLORIDA TO BE IN EFFECT AS OF OCTOBER 1, 1990.

23. AS-BUILT RECORD DRAWINGS, UPON COMPLETION OF THE WORK, BUT

NOT LATER THAN 30 DAYS FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK.

CONTRACTOR SHALL OBTAIN AND SUBMIT RECORD INFORMATION

CERTIFIED BY A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER ONE

(1) PAPER PRINTS OF THE PLAN SHEETS, PROFILES AND DETAILS SHALL

BE PROVIDED. THE PLANS SHALL BE SIGNED AND SEALED BY THE

FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND THE FLORIDA

PROFESSIONAL ENGINEER.

ALL SHEETS MUST INCLUDE THE PROJECT IDENTIFYING THE PROJECT.

DATUM USED IN THE PROJECT, THE PROJECT'S DYNAMIC DASH

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3. ALL EXISTING FEATURES TO REMAIN UNLESS OTHERWISE NOTED IN THE

PLANS.

4. EROSION CONTROL MEASURES SHALL BE TAKEN BY CONTRACTOR PRIOR

TO AND DURING CONSTRUCTION AS PER DOT STANDARD

SPECIFICATIONS SECTION 104.

5. TURBIDITY BARRELS SHALL BE INSTALLED AS PER DOT

STANDARD PLANS INDEX 104-11.

6. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE

ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK. NO FIELD

RECORD DRAWING ON PAPER, WITHOUT SIGNATURE OR SEAL WITH A

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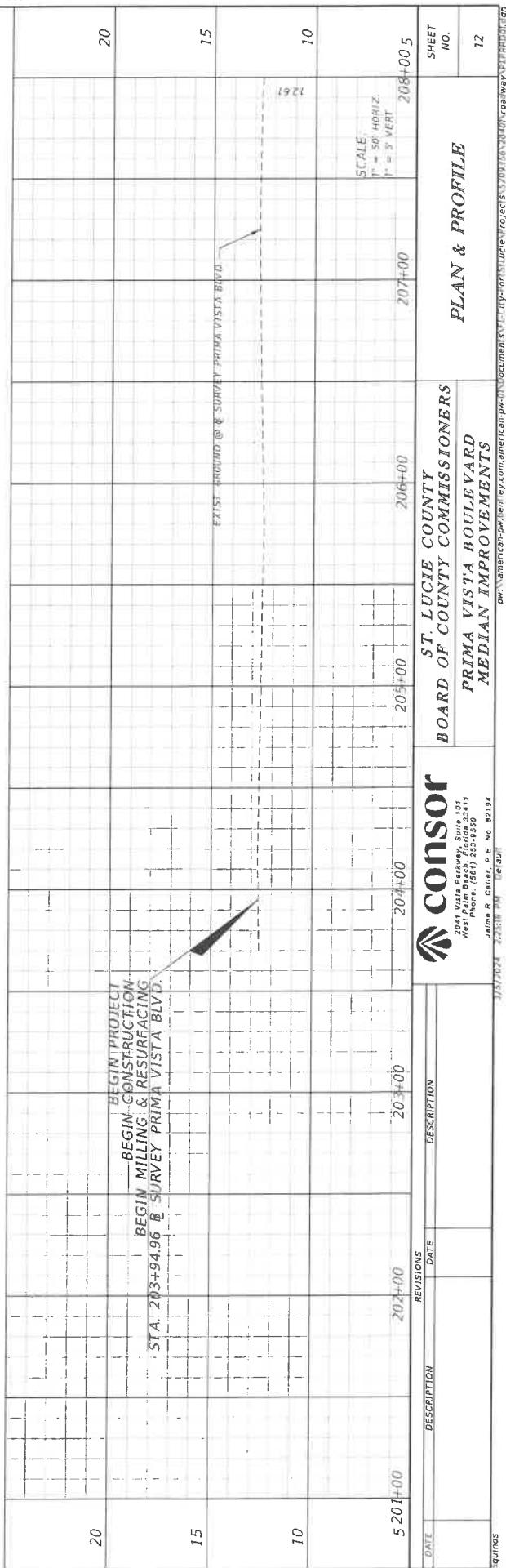
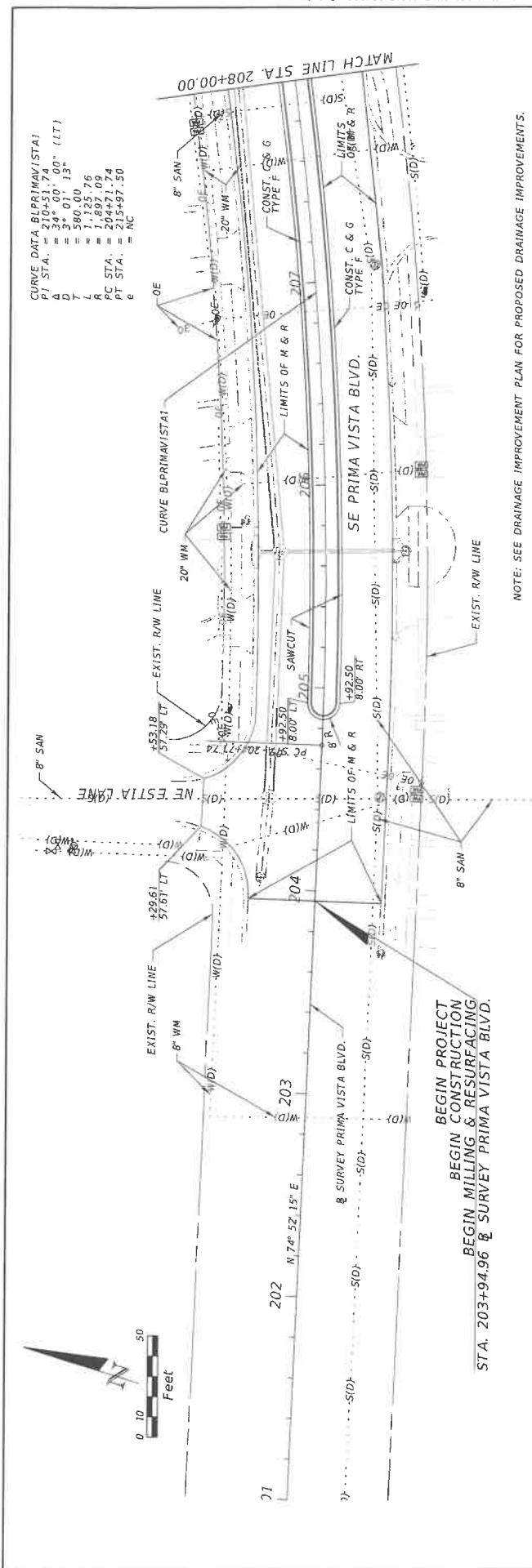
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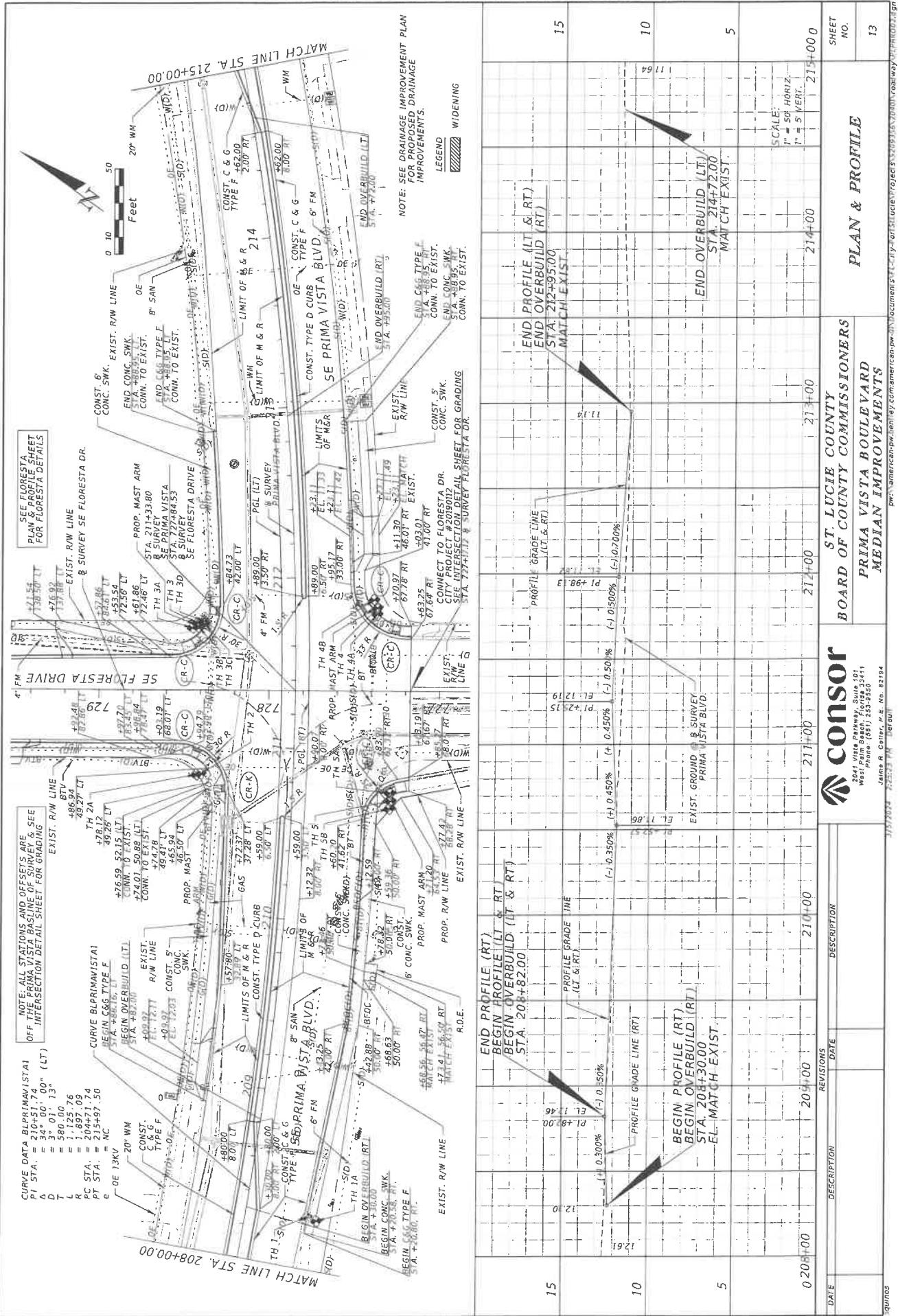
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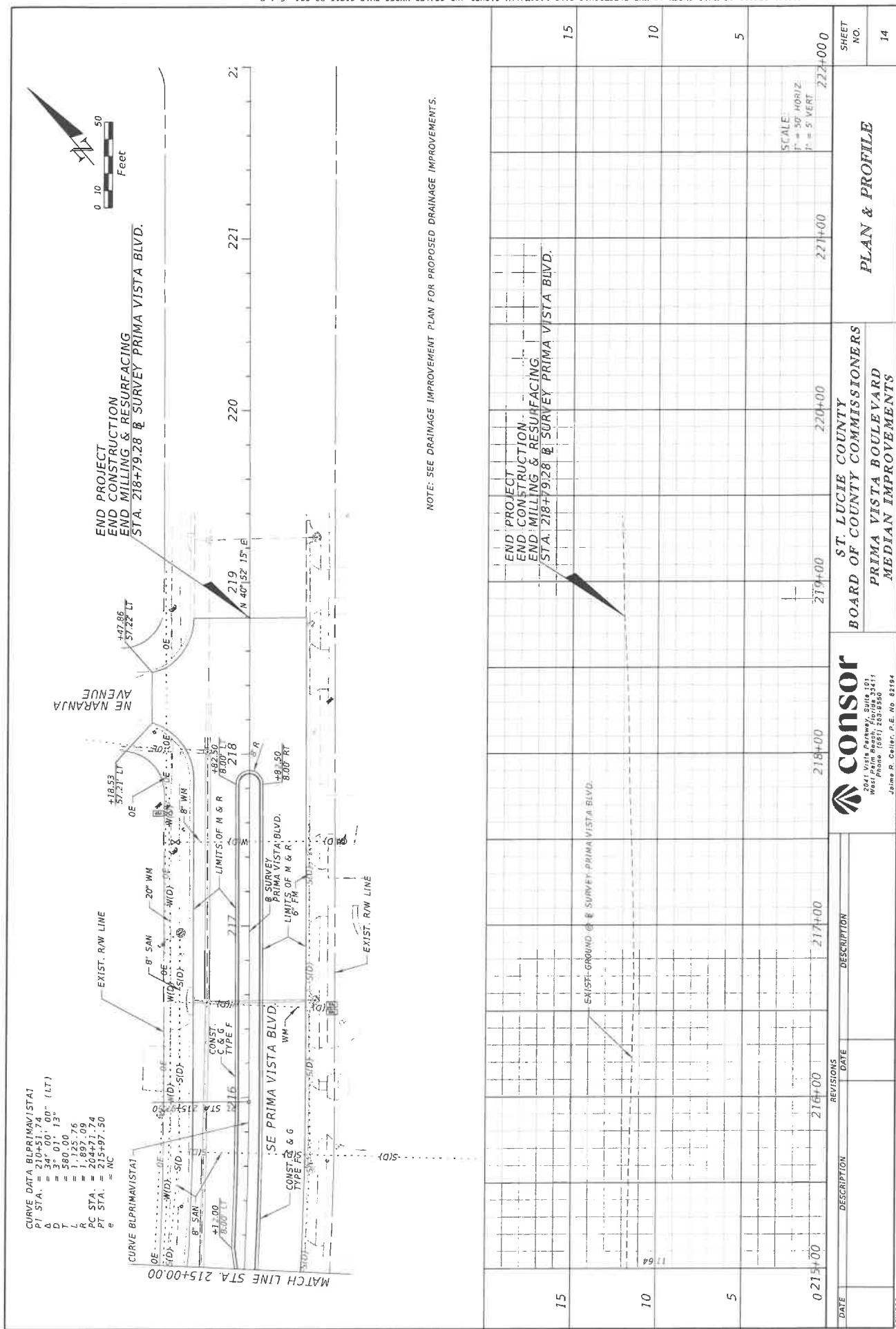
SPECIFICATIONS SECTION 104.

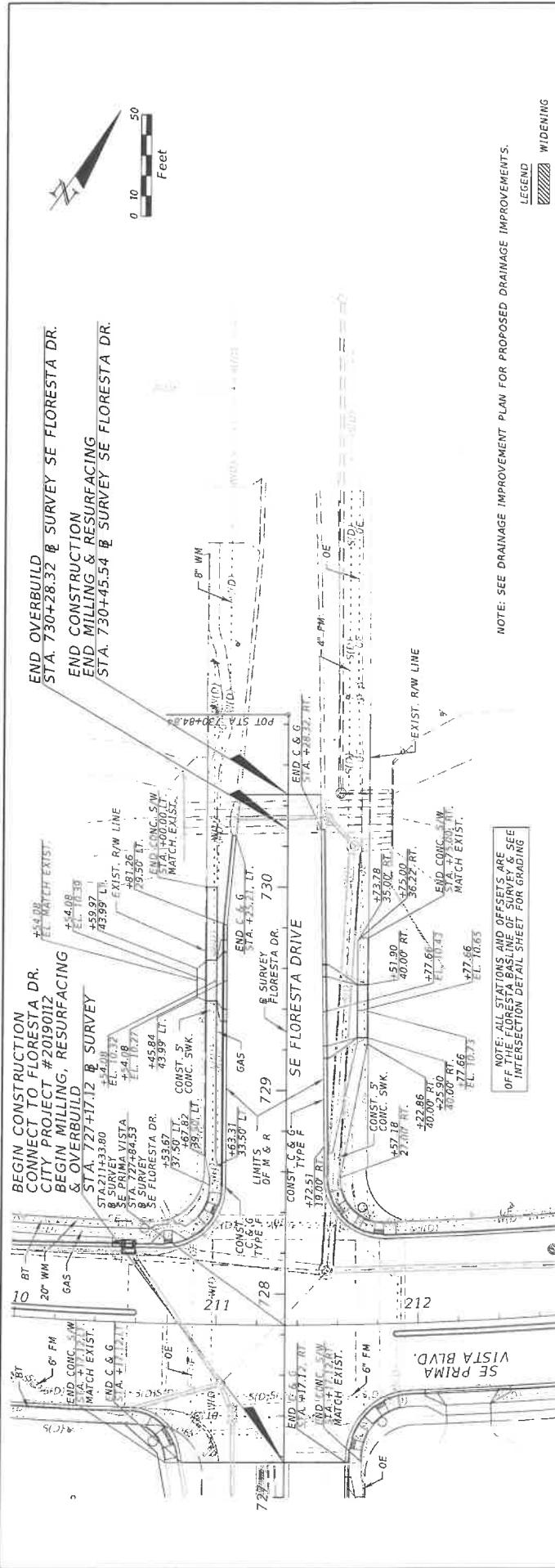
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STANDARD PLANS INDEX 104-11.



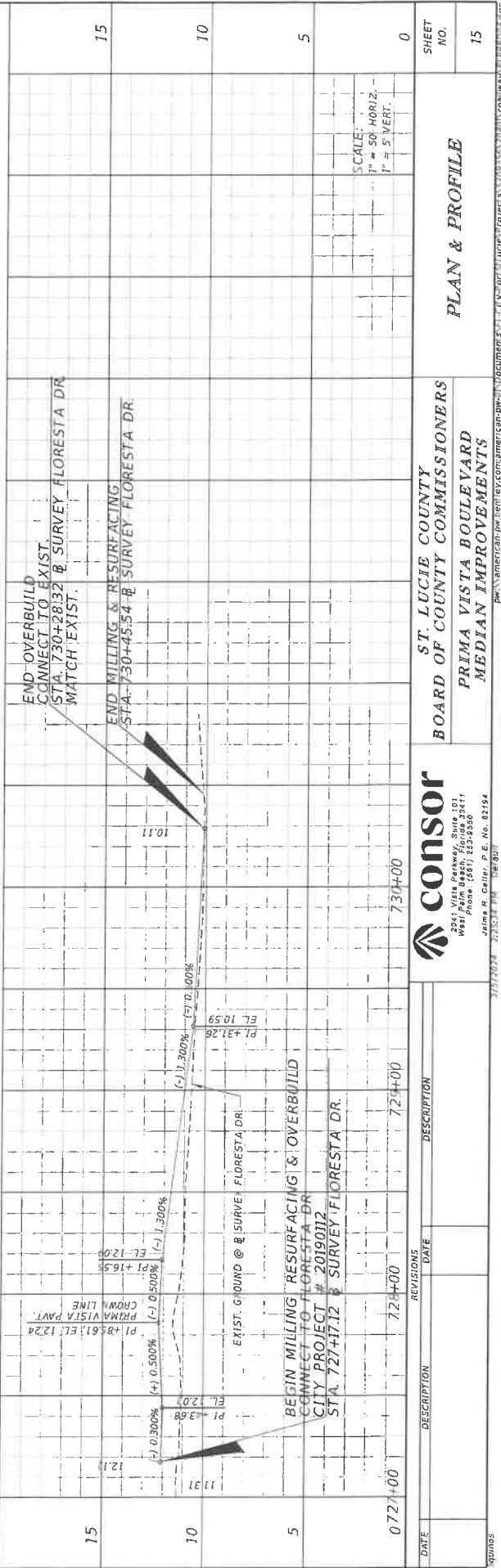






NOTE: SEE DRAINAGE IMPROVEMENT PLAN FOR PROPOSED DRAINAGE IMPROVEMENTS.

**NOTE: ALL STATIONS AND OFFSETS ARE
OFF THE FLORESTA BASLINE OF SURVEY & SEE
INTERSECTION DETAIL SHEET FOR GRADING**



IMPROVEMENTS
AMERICAN-PW DENTAL COMPANY DOCUMENTS

James R. Celler, P.E., No. 82194
2757074 2011-06-06

STRUCTURE TABLE

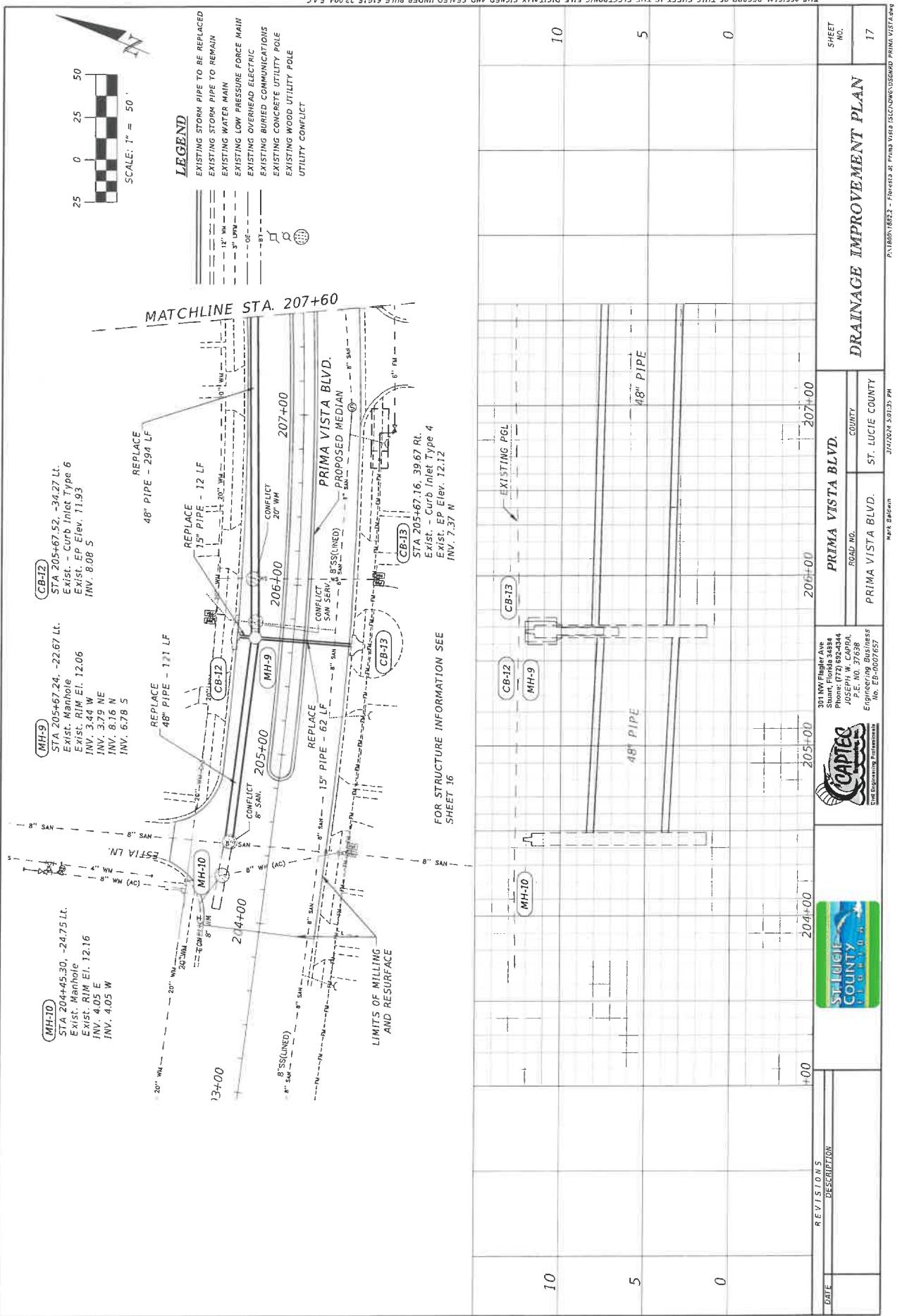
| STR-# | STATION | SIDE | DESCRIPTION | EXIST. FLOW | PIPE | INVERT | |
|------------|---------|-------------|---|---------------|--|---|--|
| BAFFLE BOX | 211+09 | 43.75' Rt. | Exist. Baffle Box | EL. 10.96 OUT | IN 18"x18" RCP, 16 LF 18"x18" RCP, 112 LF | NW, INV. 3.12 SE, INV. 3.05 | |
| CB-I | 732+89 | 25.59' Lt. | Exist. - Type C Inlet | EL. 10.25 IN | IN 18"x18" RCP, 243 LF | SE, INV. 4.81 | |
| CB-2 | 211+57 | 249.67' Lt. | Exist. - Curb Inlet Type 4 | EL. 10.04 OUT | OUT 18"x18" RCP, 19 LF 18"x18" RCP, 46 LF | E, INV. 6.24 SW, INV. 6.21 | |
| CB-2A | 211+04 | 249.14' Lt. | Exist. - Curb Inlet Type 6 | EL. 9.24 OUT | OUT 18"x18" RCP, 46 LF | NE, INV. 6.30 | |
| CB-3 | 211+11 | 155.74' Lt. | Exist. - Type E Inlet | EL. 10.07 IN | IN 18"x18" RCP, 112 LF | NW, INV. 4.21 | |
| CB-4 | 212+98 | 43.31' Lt. | Exist. - Curb Inlet Type 6 | EL. 10.43 IN | IN 15"x15" RCP, 20 LF | SE, INV. 4.24 | |
| CB-5 | 212+96 | 38.66' Rt. | Exist. - Curb Inlet Type 4 | EL. 10.60 IN | IN 15"x15" RCP, 62 LF | NW, INV. 4.35 | |
| CB-6 | 216+56 | 34.20' Lt. | Exist. - Curb Inlet Type 6 | EL. 10.66 IN | IN 15"x15" RCP, 10 LF | SE, INV. 3.77 | |
| CB-7 | 216+56 | 38.55' Rt. | Exist. - Curb Inlet Type 4 | EL. 11.27 IN | IN 15"x15" RCP, 63 LF | NW, INV. 4.65 | |
| CB-8 | 210+55 | 32.56' Lt. | Exist. - Curb Inlet Type 5 To Be Removed | EL. 11.75 IN | OUT 18"x18" RCP, 82 LF | NE, INV. 2.11 E, INV. 2.26 | |
| CB-8A | 210+55 | 37.22' Lt. | Const. Curb Inlet Type 5 72" J BOTTOM | EL. 11.59 IN | IN 48"x48" RCP, 187 LF 18"x18" RCP, 82 LF | NW, INV. 2.36 E, INV. 2.11 | |
| CB-9 | 210+57 | 43.28' Rt. | Exist. - Curb Inlet Type 5 | EL. 11.26 IN | IN 15"x15" RCP, 49 LF | NE, INV. 4.42 | |
| CB-10 | 208+66 | 34.65' Lt. | Exist. - Curb Inlet Type 5 | EL. 11.92 IN | IN 15"x15" RCP, 10 LF | S, INV. 7.89 | |
| CB-11 | 208+68 | 41.26' Rt. | Curb Inlet type P-3 | EL. 11.97 IN | IN 15"x15" RCP, 66 LF 15"x15" RCP, 40 LF | NW, INV. 3.41 E, INV. 3.42 | |
| CB-11A | 208+29 | 35.63' Rt. | CONST. Index No. 425-021 Curb Inlet Type 6 | EL. 11.70 OUT | OUT 15"x15" RCP, 40 LF | E, INV. 3.54 | |
| CB-12 | 205+68 | 34.22' Lt. | Exist. - Curb Inlet Type 6 | EL. 11.93 IN | IN 15"x15" RCP, 12 LF | S, INV. 8.08 | |
| CB-13 | 205+67 | 39.57' Rt. | Exist. - Curb Inlet Type 4 | EL. 12.12 IN | IN 15"x15" RCP, 62 LF | N, INV. 7.37 | |
| MH-1 | 211+64 | 261.52' Lt. | Exist. Manhole | EL. 10.29 OUT | OUT 18"x18" RCP, 243 LF 18"x18" RCP, 24 LF | NW, INV. 4.30 NE, INV. -1.7 | |
| MH-2 | 211+72 | 235.33' Lt. | Exist. Manhole | EL. 10.32 OUT | IN 60"x60" RCP, 200 LF 18"x18" RCP, 19 LF 60"x60" RCP, 19 LF | SE, INV. 0.85 W, INV. 0.80 NE, INV. 0.90 | |
| MH-3 | 211+55 | 26.97' Lt. | Exist. Manhole ADJUST TOP 11.95 | EL. 10.89 OUT | OUT 60"x60" RCP, 200 LF 20"x30" RCP, 140 LF 48"x48" RCP, 99 LF | NW, INV. 0.75 NE, INV. 2.05 SW, INV. 0.50 | |

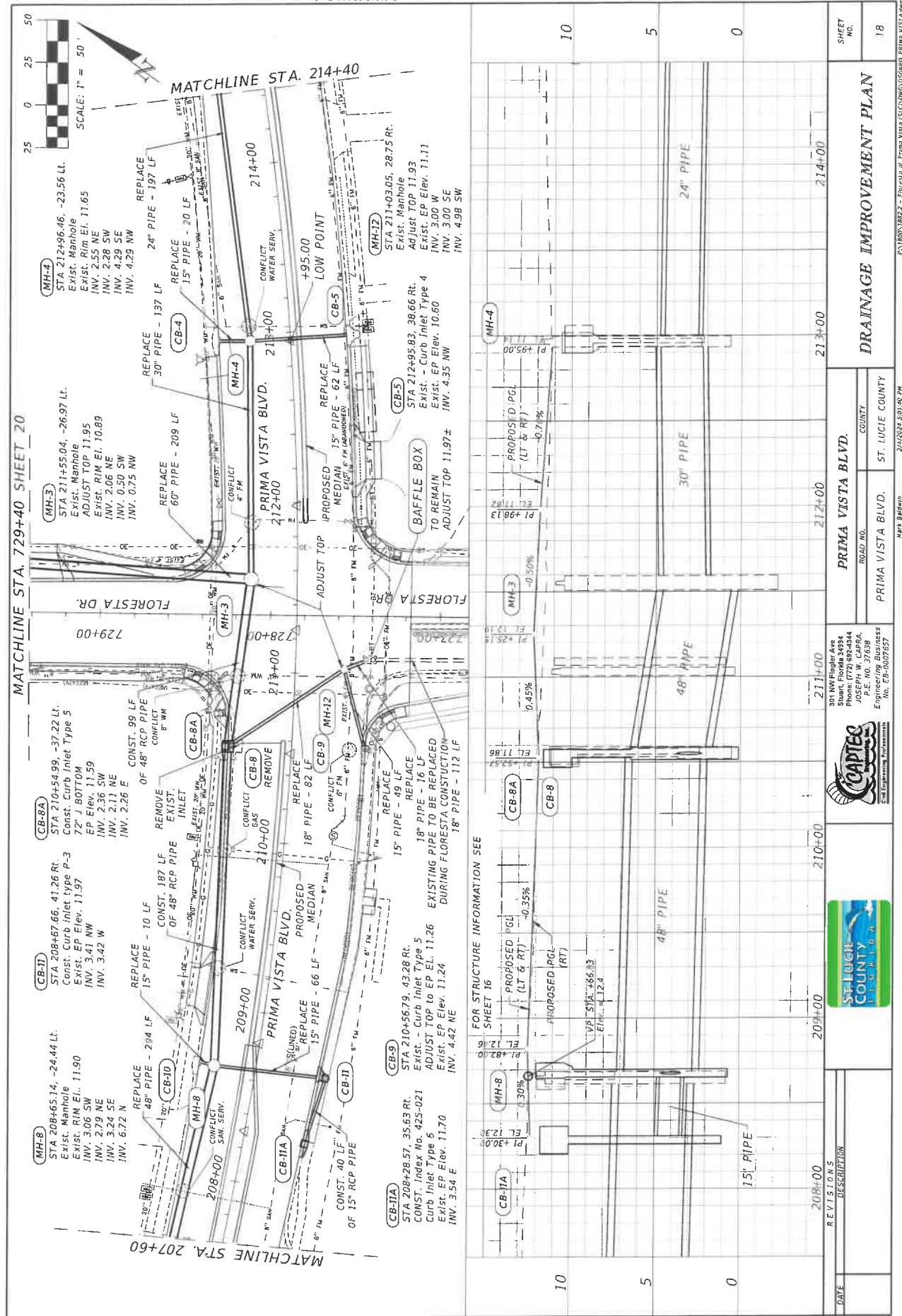
TOP ELEVATION INDICATES
 CURB INLETS - EDGE OF PAVEMENT
 DITCH BOTTOM INLETS - GATE
 MANHOLES - RIM

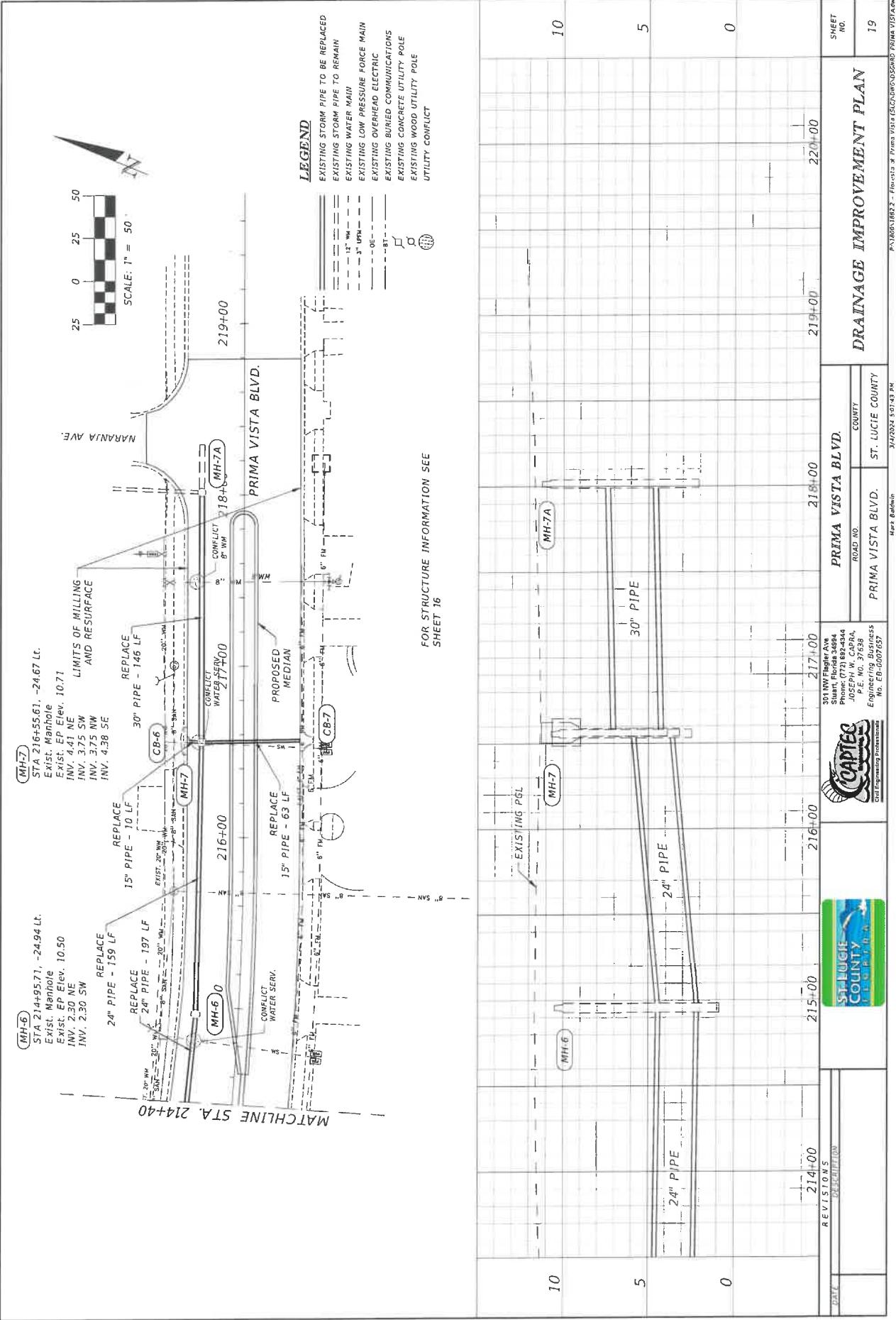
| REVISIONS | DESCRIPTION | DATE | PRIMA VISTA BLVD. |
|-----------|----------------------|----------------------|--|
| | St Lucie County Logo | 3/3/2024 10:13:27 PM | PRIMA VISTA BLVD. ROAD NO. COUNTY Engineering Professional No. EB-0007657 |

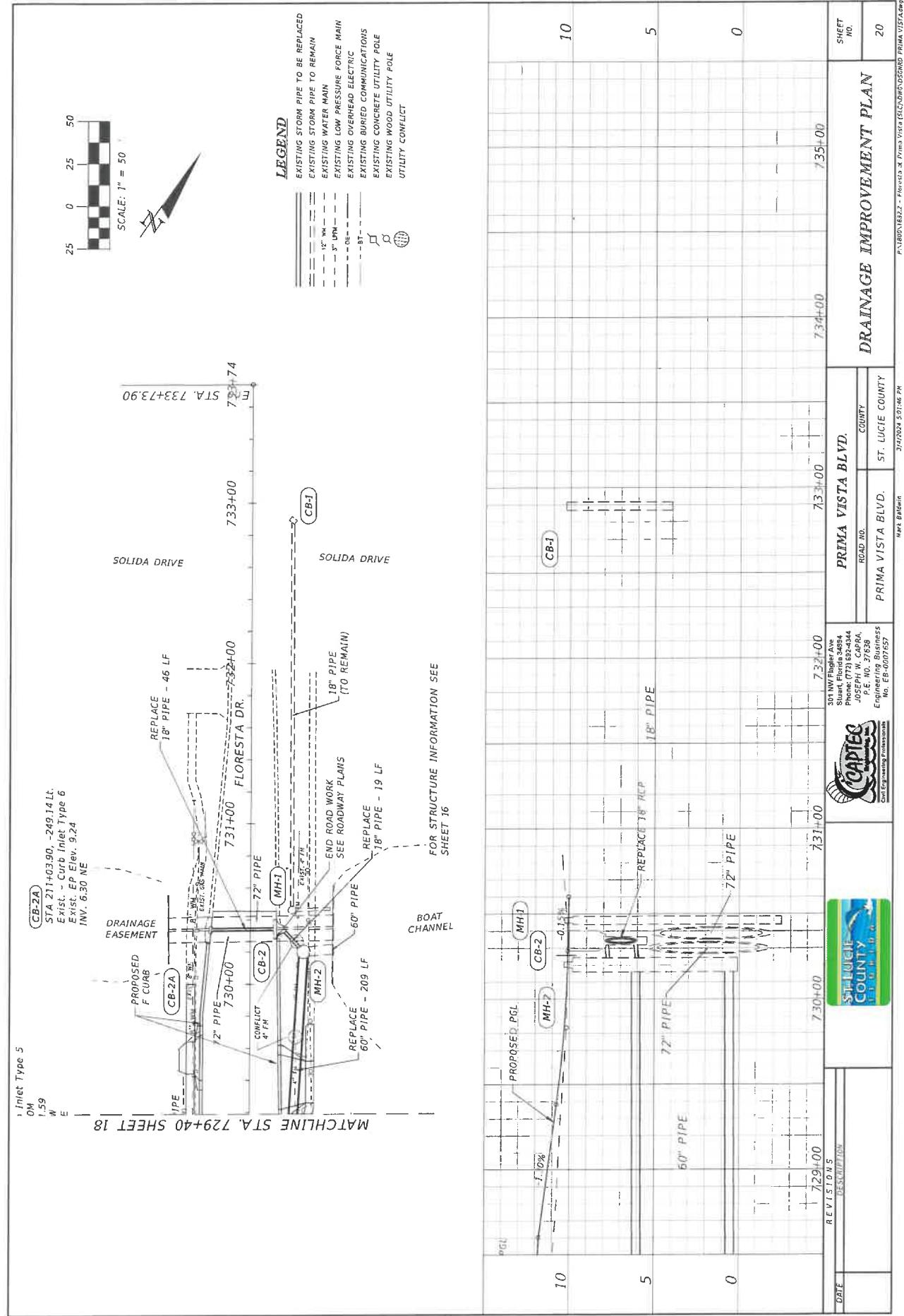


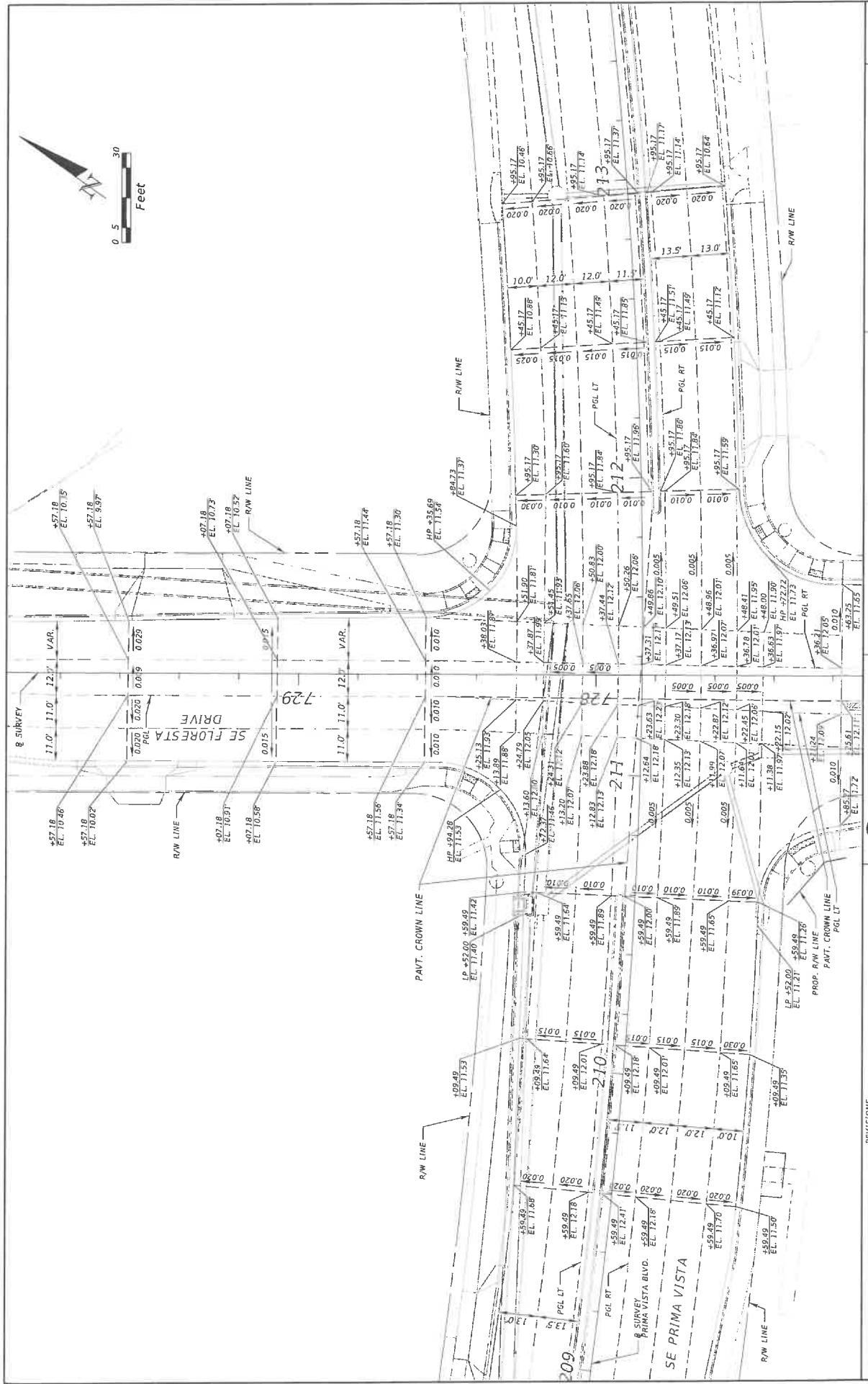
DRAINAGE STRUCTURE TABLE











consonor 2004 Winter Collection Catalog

241 Vizcaya Parkway, Suite 101
West Palm Beach, Florida 33441
Phone: (561) 253-8550

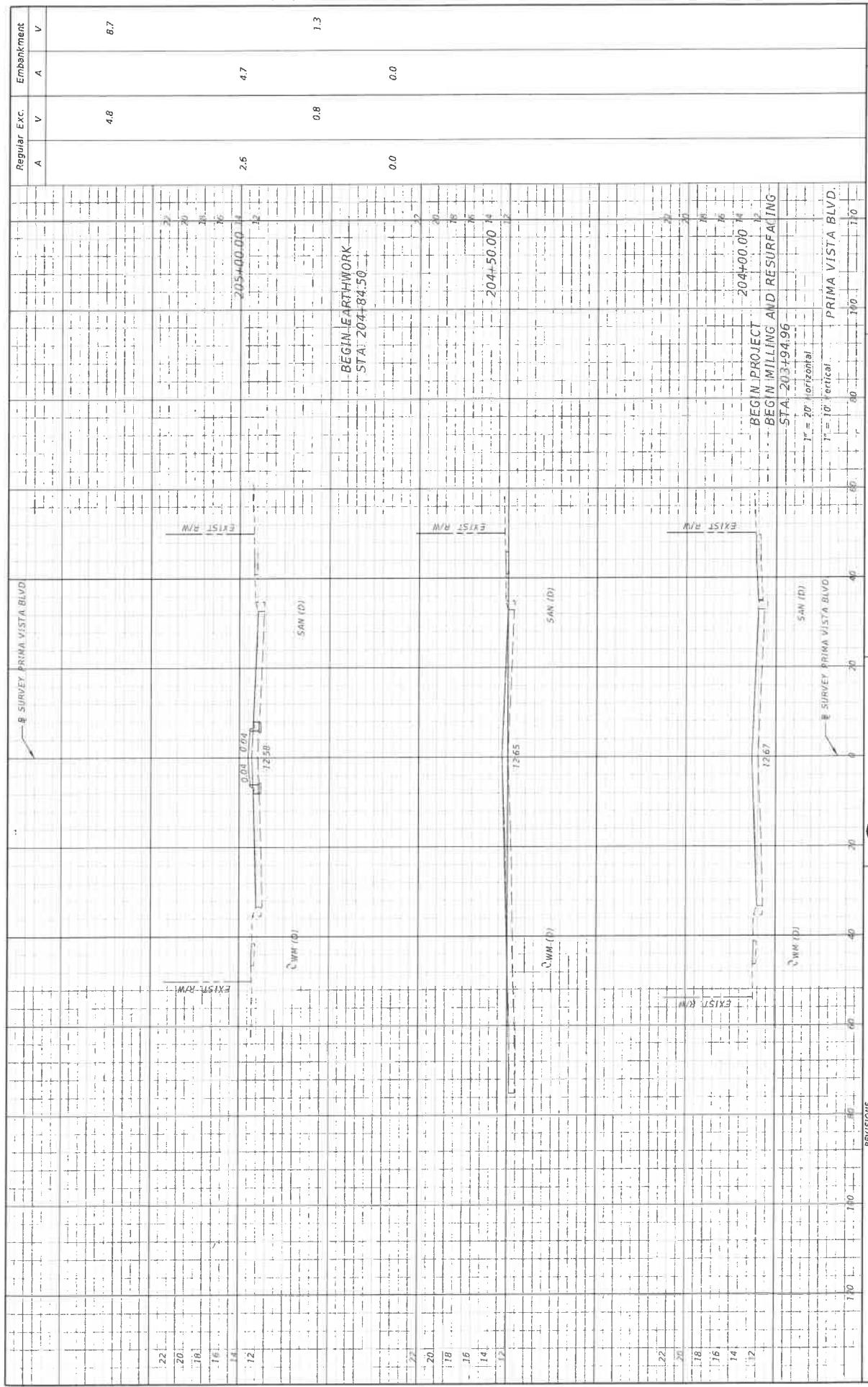
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INTERSECTION DETAIL

21 IMPROVEMENTS

SHEET
NO.

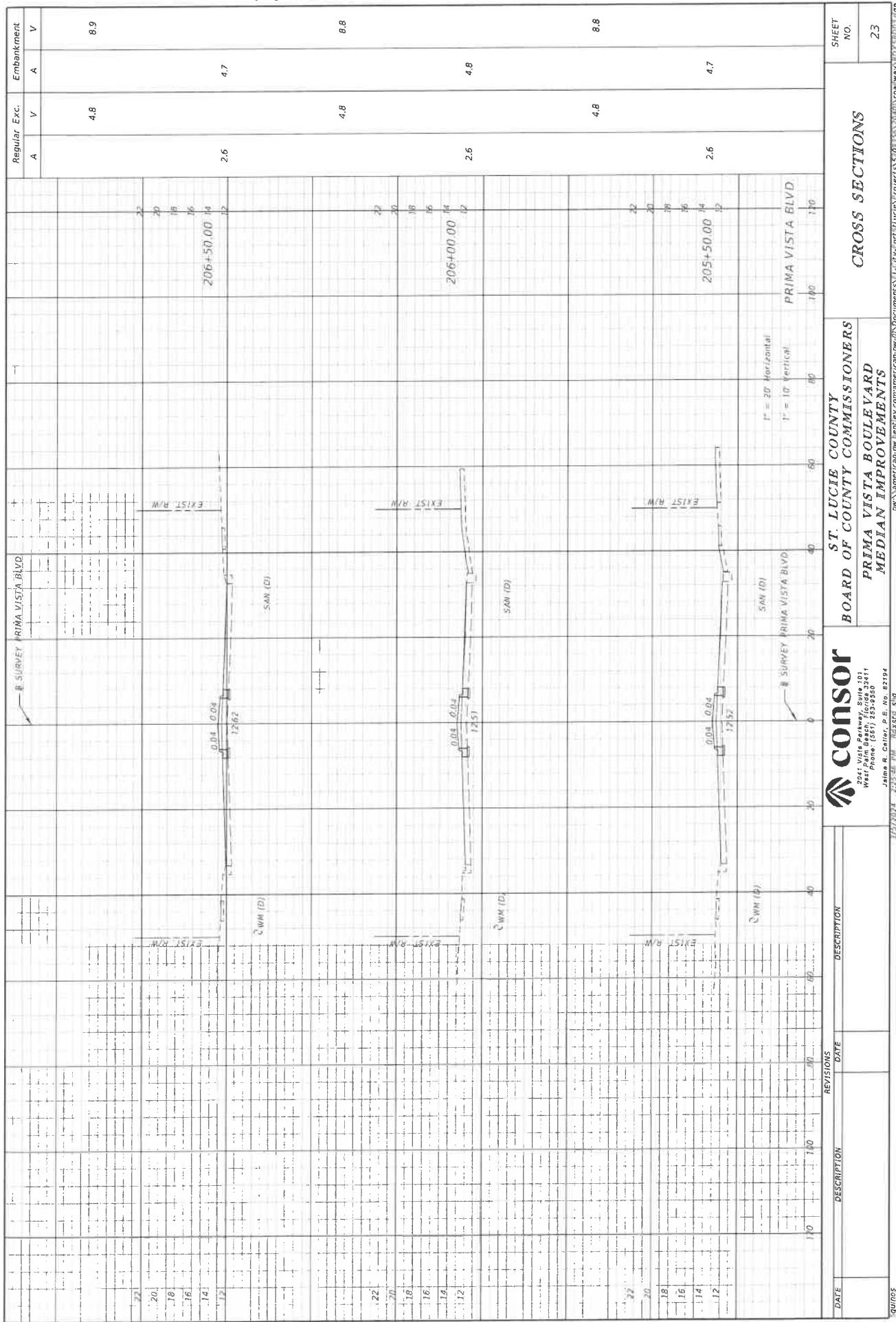
| INTERSECTION DETAIL | | | |
|---|-------------|-----------------------|------|
| BOARD OF COUNTY COMMISSIONERS | | ST. LUCIE COUNTY | |
| | | PRIMA VISTA BOULEVARD | |
| | | MEDIAN IMPROVEMENTS | |
|  Consort 1041 Vista Parkway, Suite 101 West Palm Beach, Florida 33401 (561) 235-2450 James R. Caylor, P.E. No. 23194 3/15/2021 | | | |
| DATE | DESCRIPTION | REVISION | DATE |
| | | | |

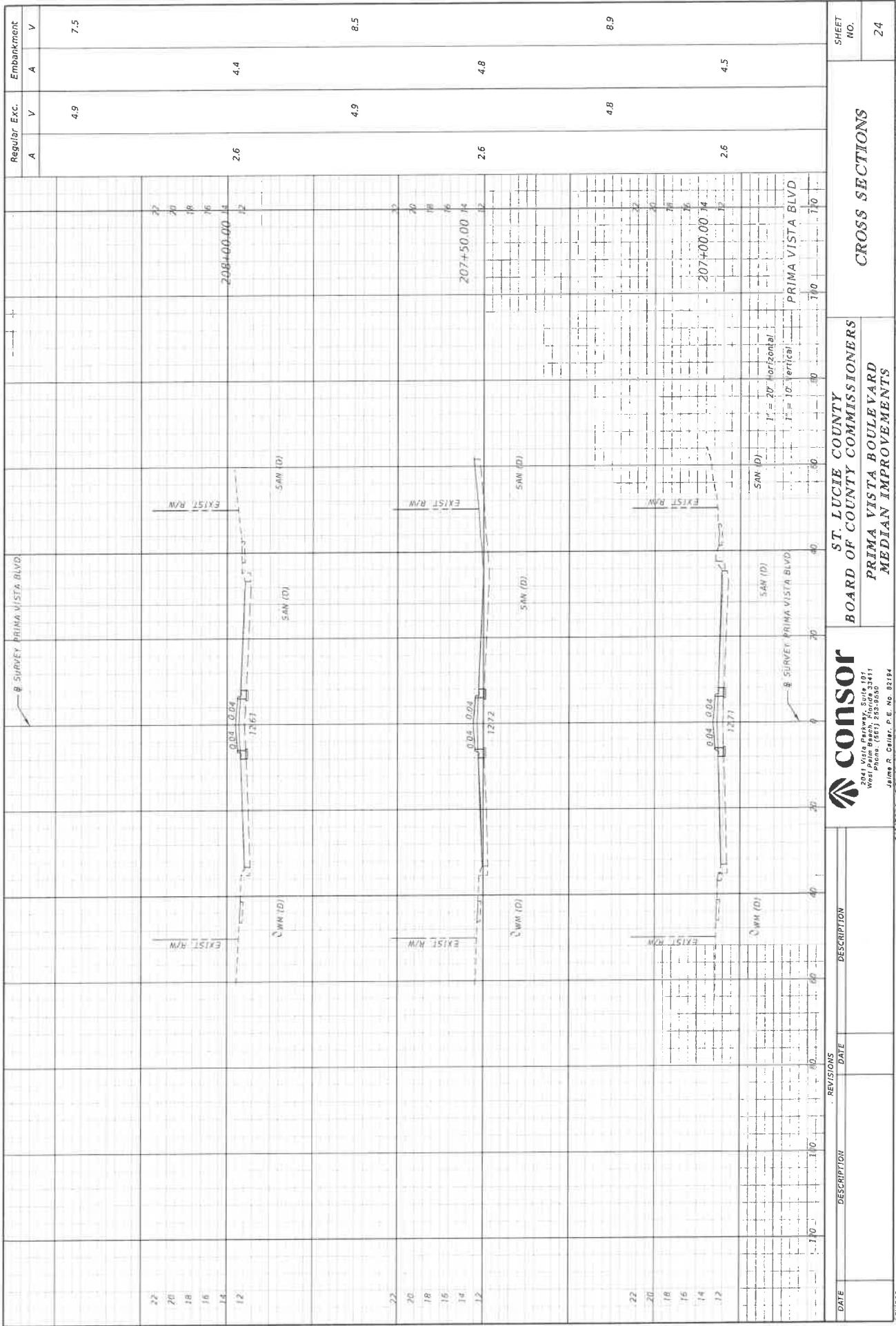


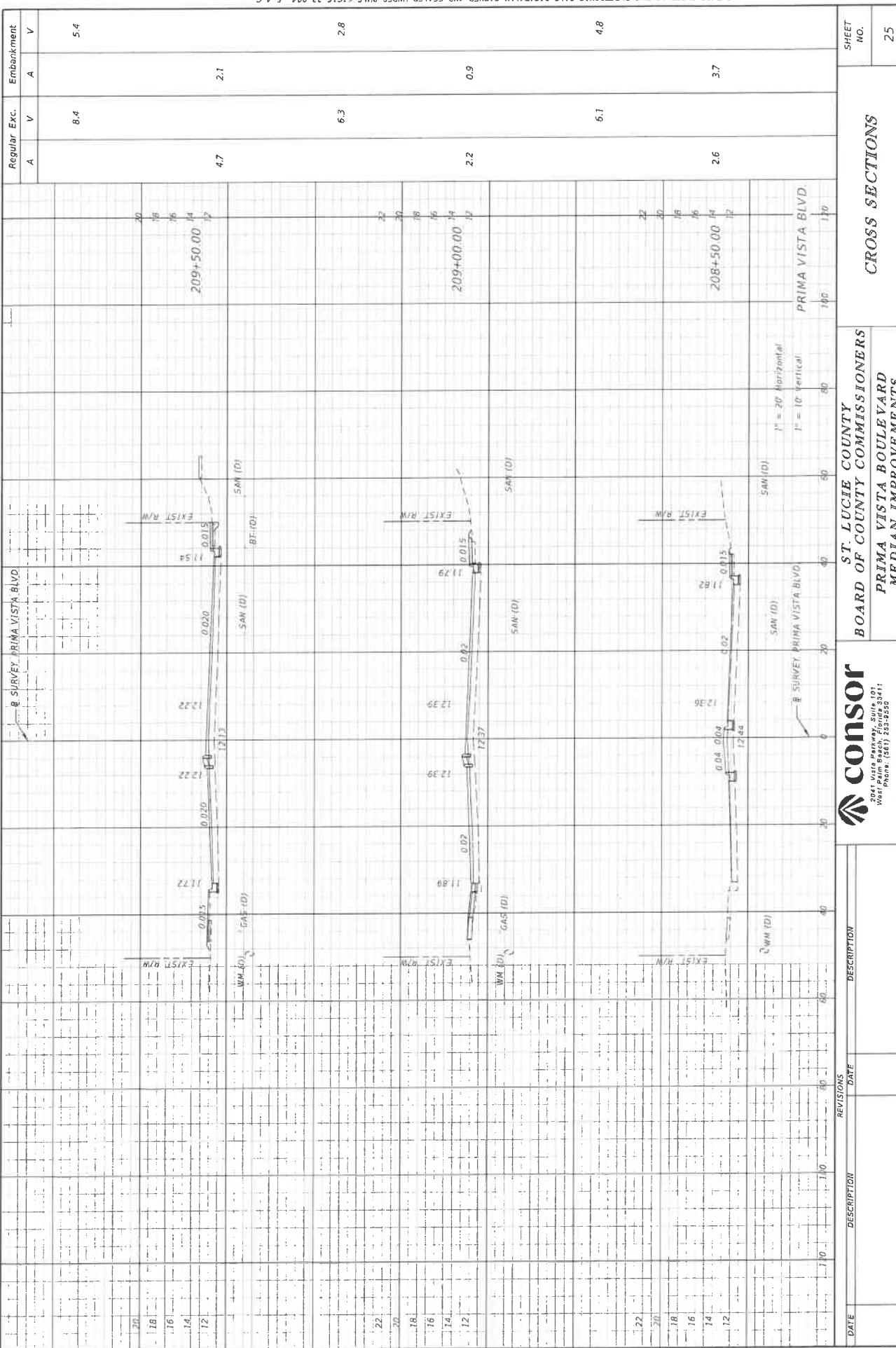
| ST. LUCIE COUNTY COMMISSIONERS | | | CROSS SECTIONS | | |
|--------------------------------|-------------|------|----------------|------|-------------|
| BOARD OF COUNTY COMMISSIONERS | | | | | |
| PRIMA VISTA BOULEVARD | | | | | |
| MEDIAN IMPROVEMENTS | | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | | | |

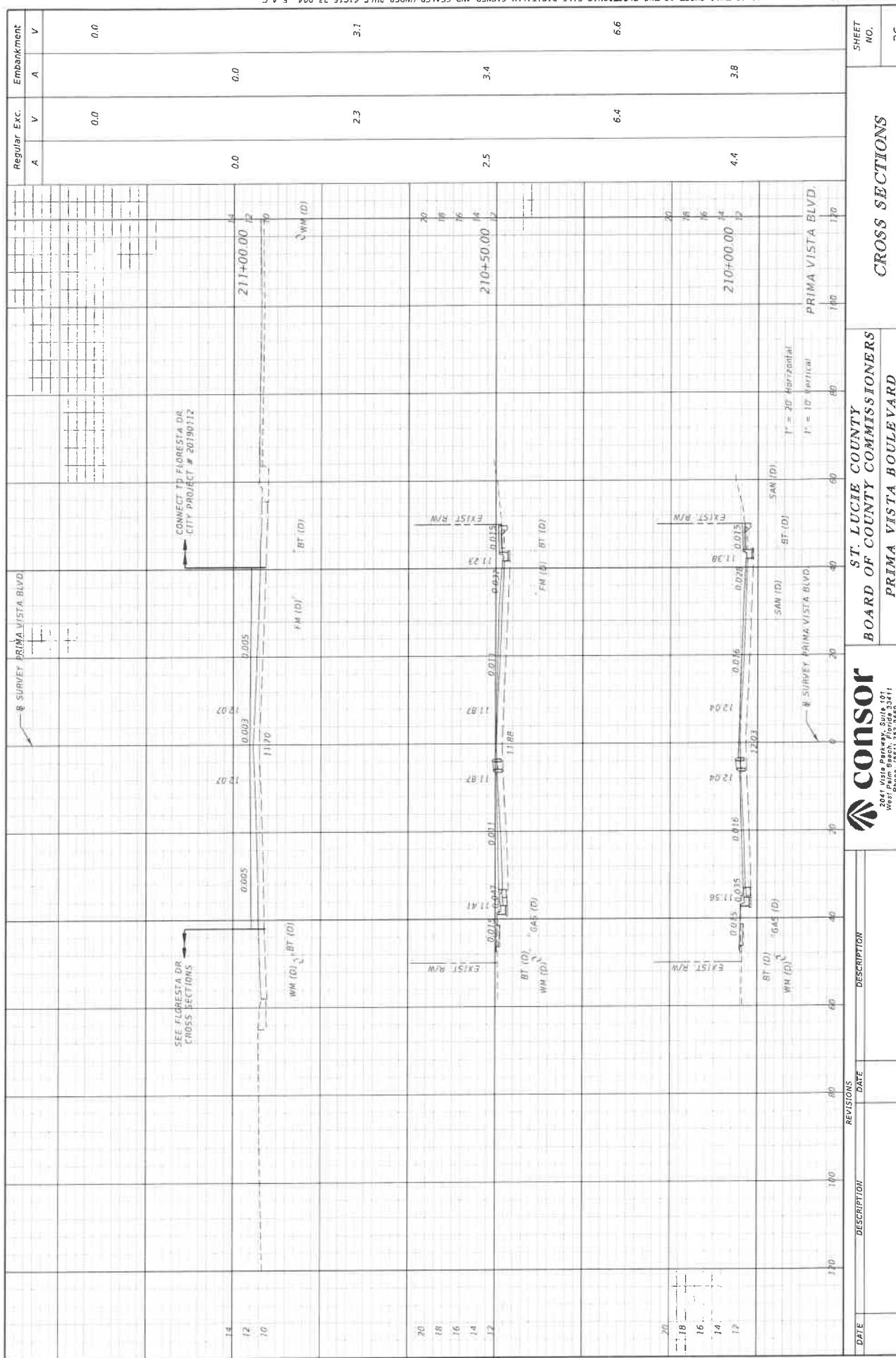
CONSOR
2041 First Street, Suite 101
West Palm Beach, FL 33401
Phone: (561) 233-3550
Filing Date: F.E. No. 87194
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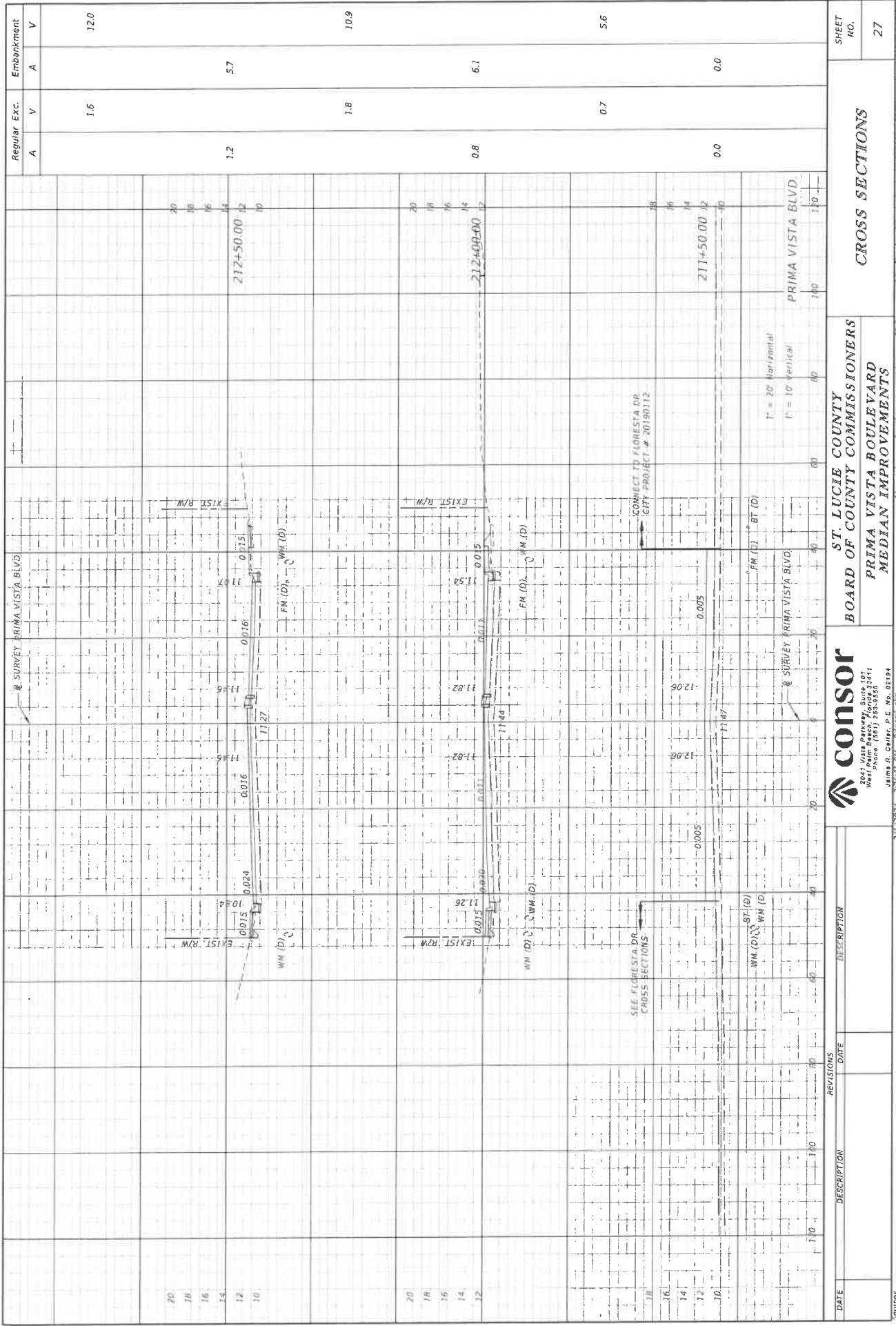
SHEET NO.
22

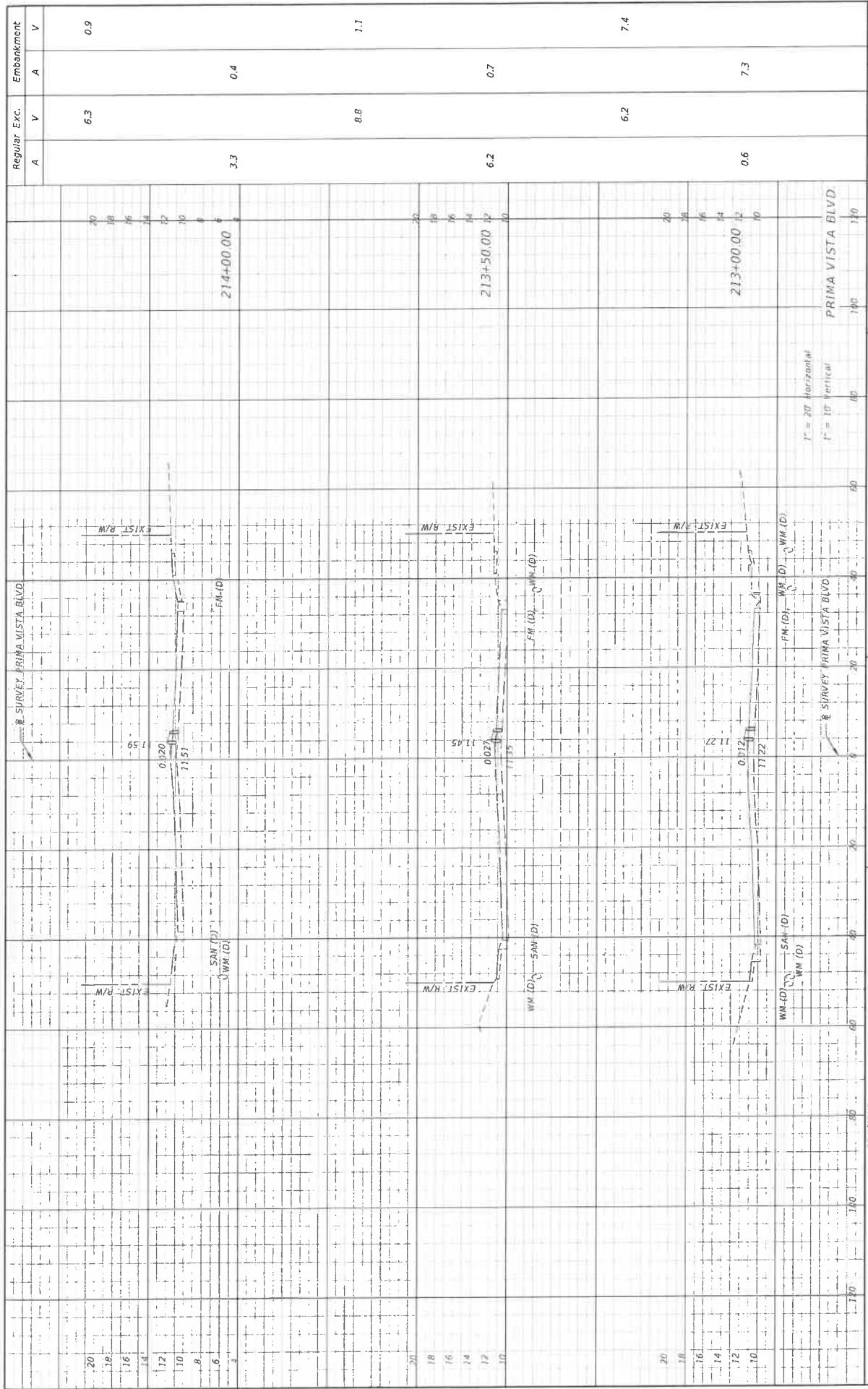










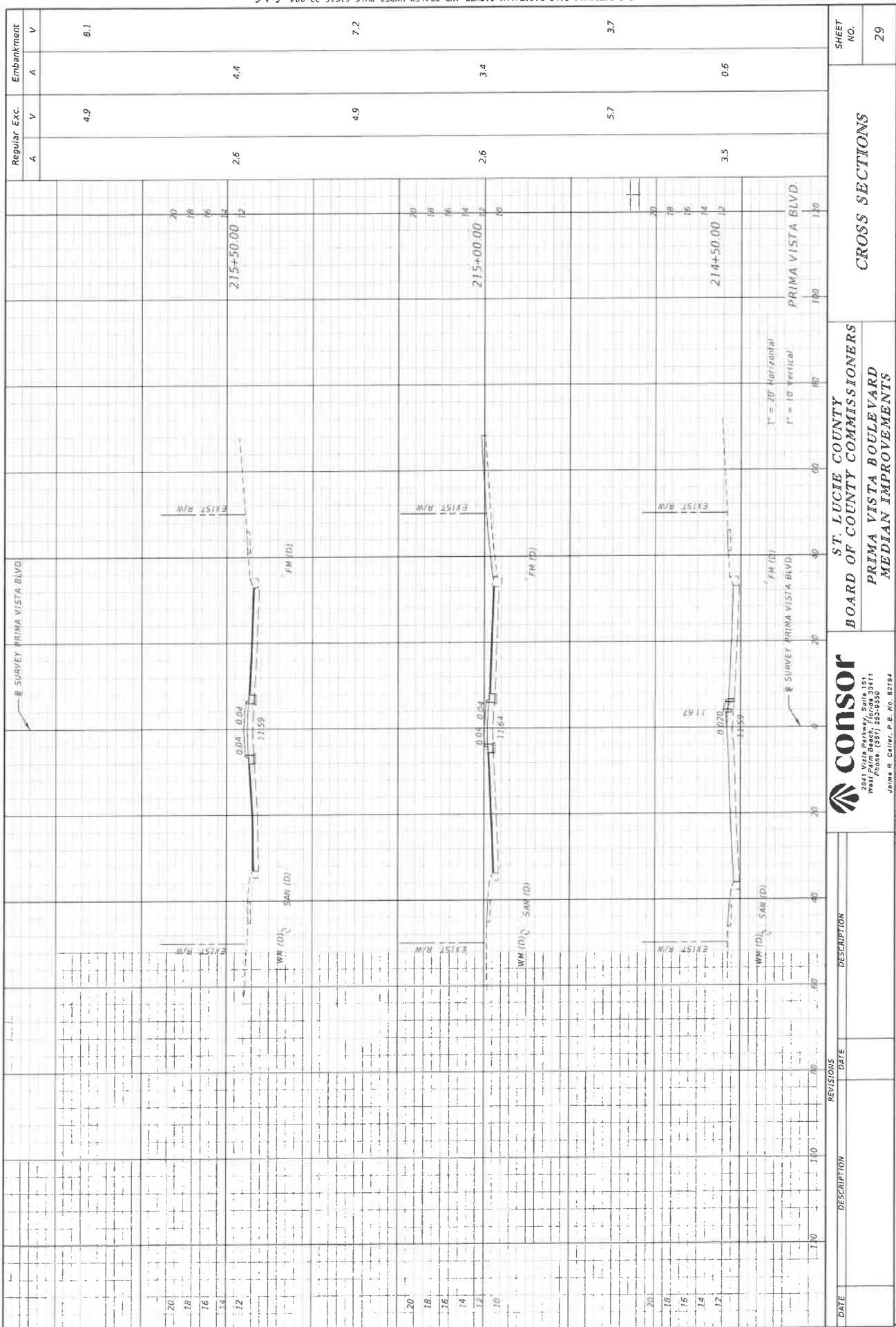


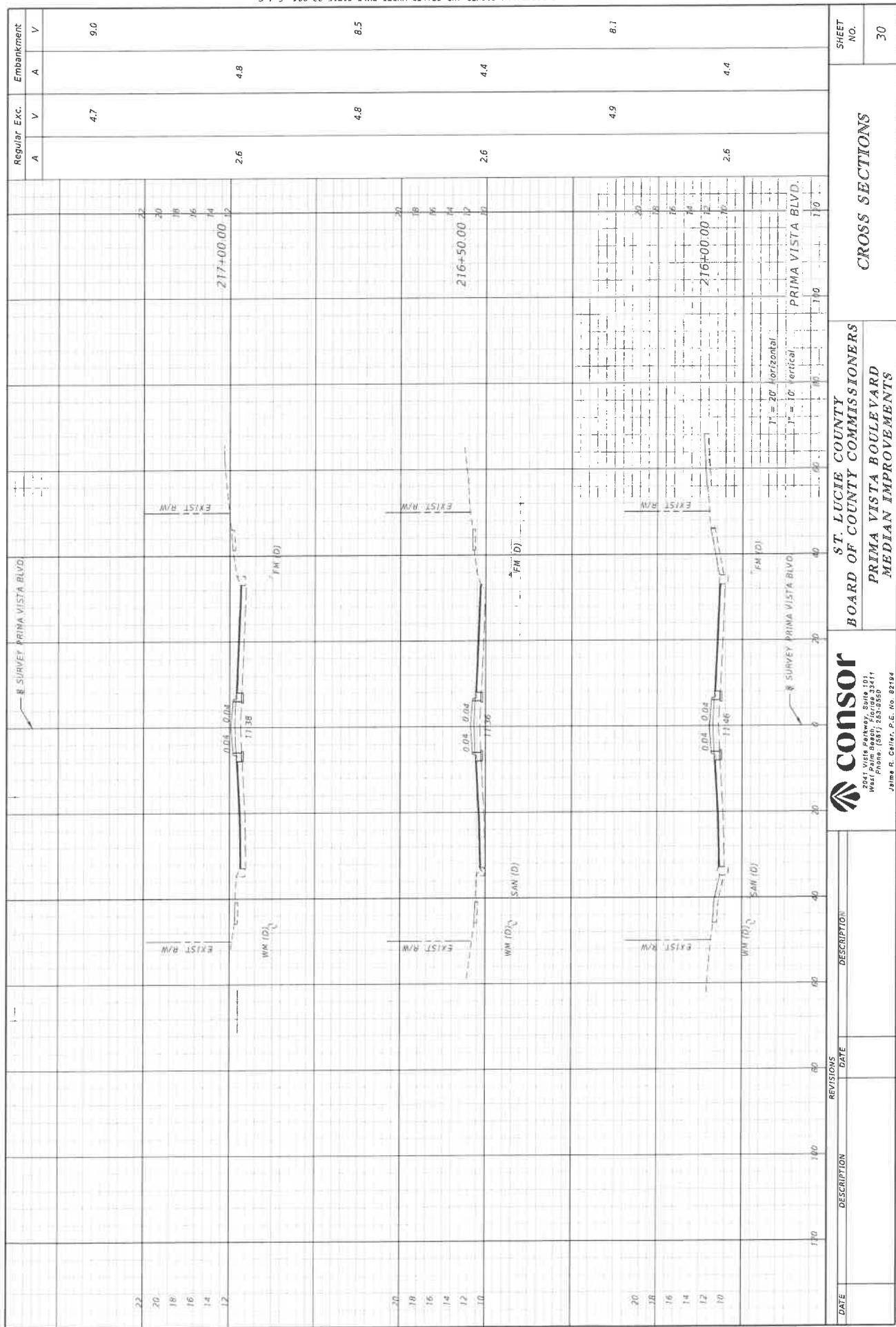
consonor
2041 Vista Parkway, Suite 101

West Palm Beach, Florida 33411
Phone: (561) 252-9541
James R. Celler, P.E. No. 82194
2:27 PM 10/24/94 RJS/MSL/Sing

THE JOURNAL OF CLIMATE VOL. 16, NO. 10, OCTOBER 2003

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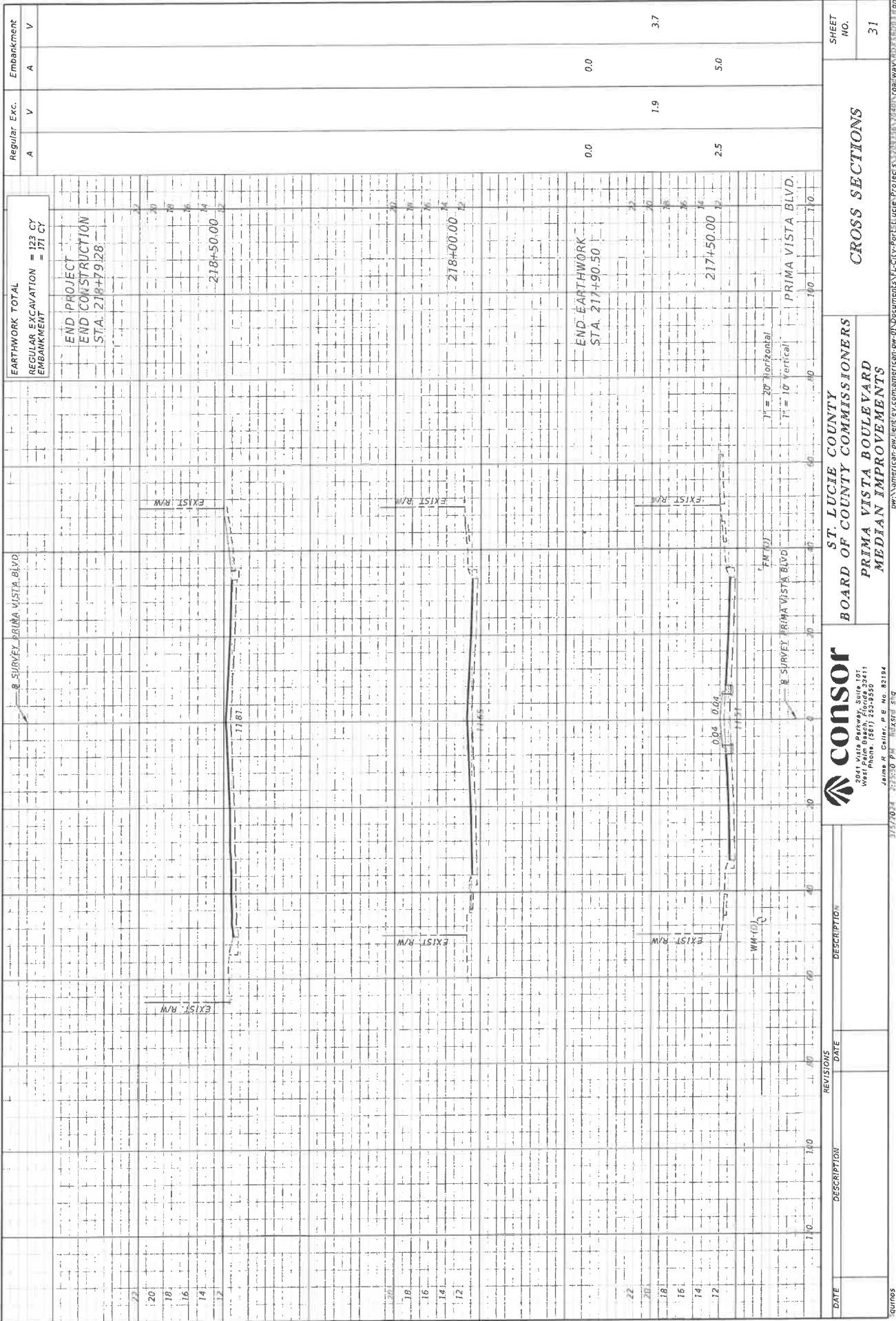


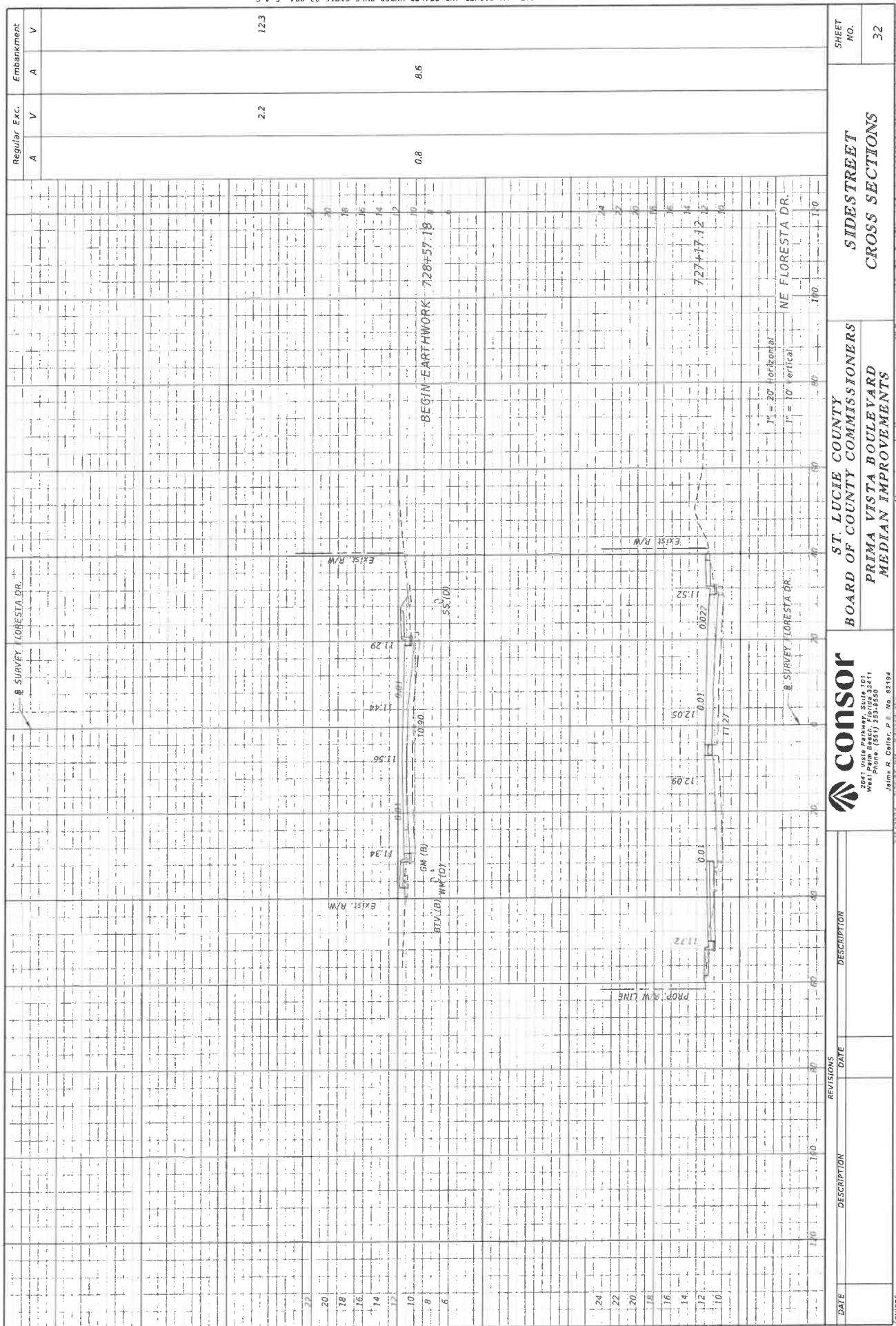


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RGSXSTL_Sing

sound





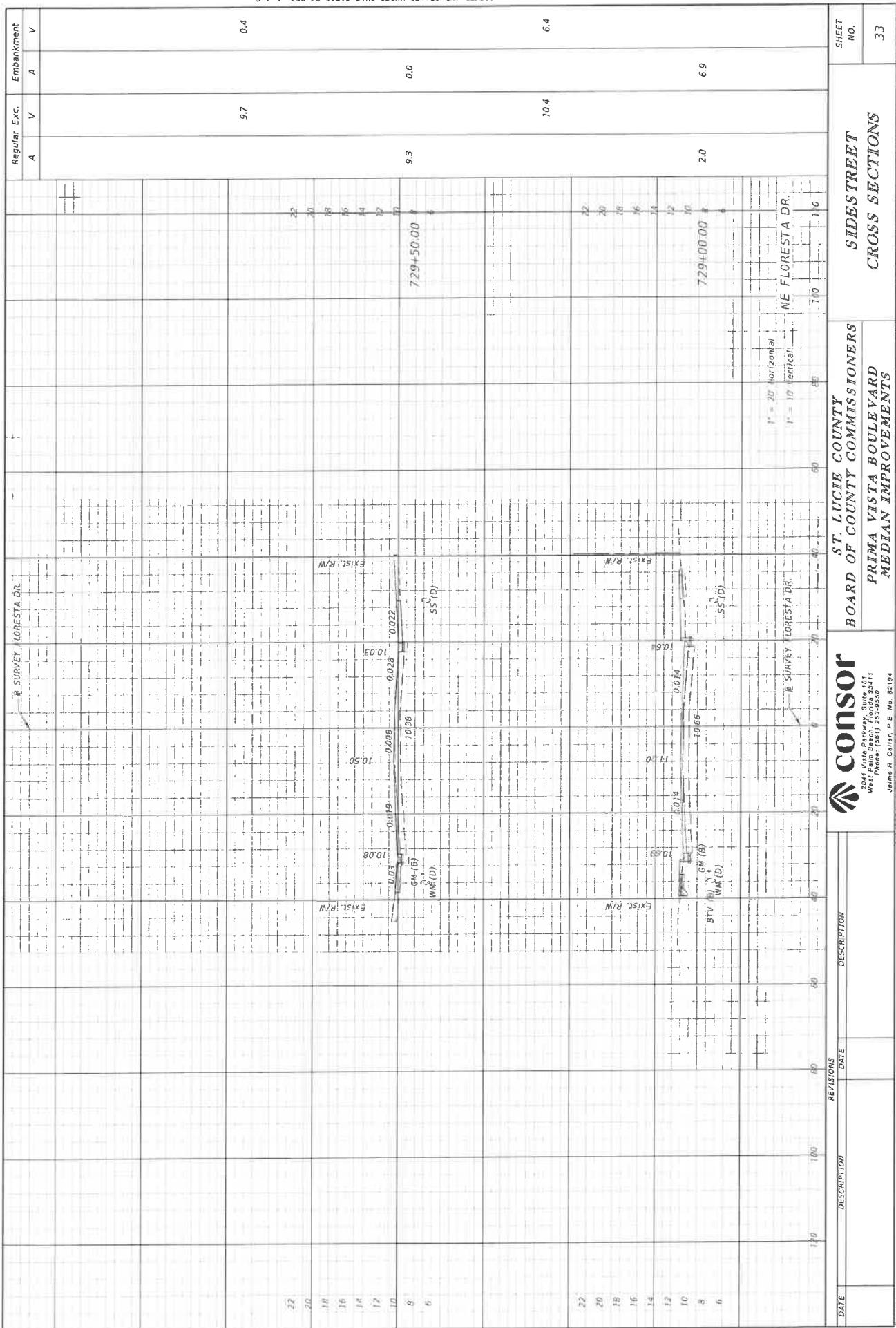
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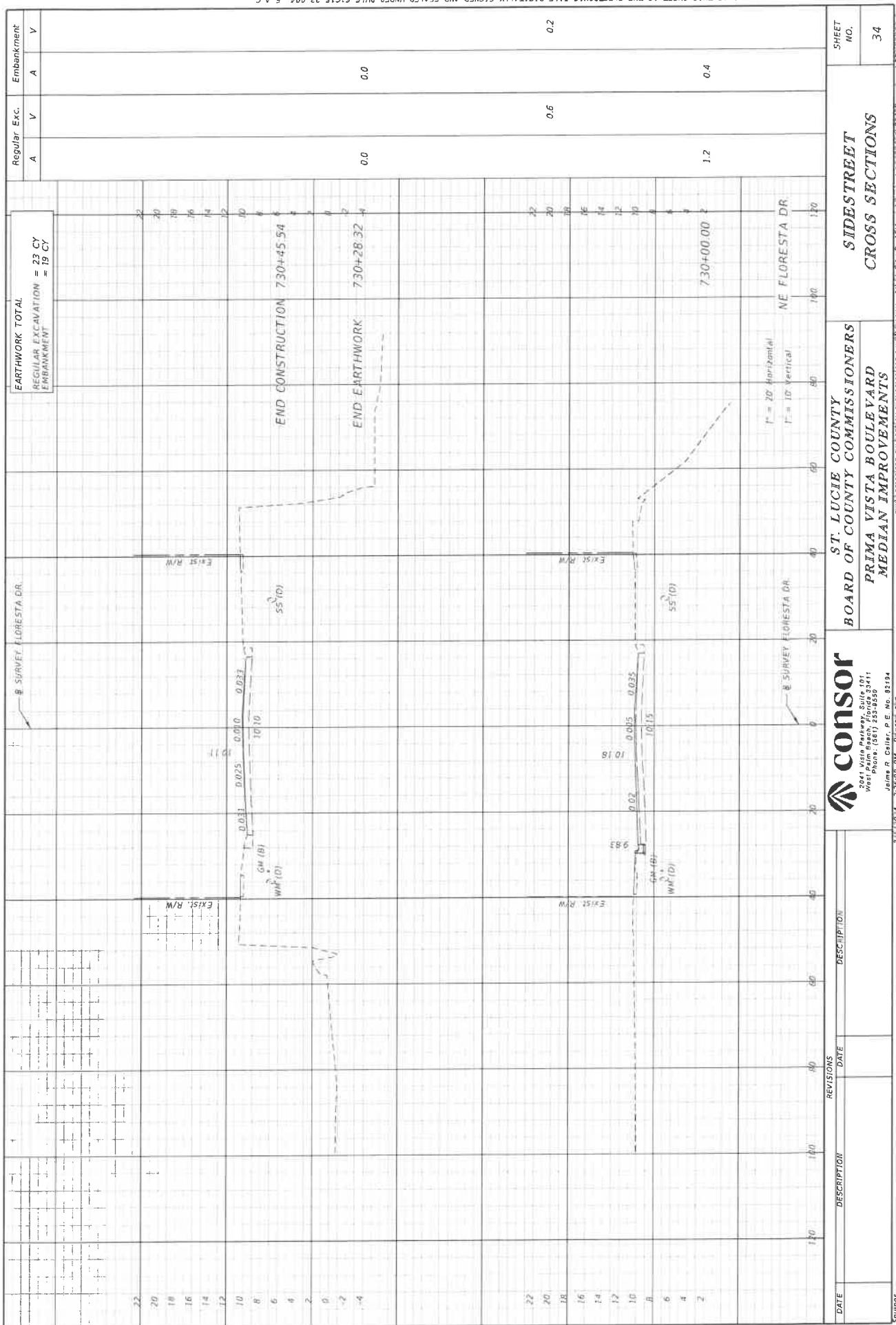
West Parkway, Suite 101
West Palm Beach, FL 33401
Phone: (361) 253-2350
Email: R. Collier, P.E. No. 22194

1/5/2018 1:30:05 PM

http://www.consur.com/pwsystem/submitpw/Document/ViewDocument?DocumentID=12759

| ST. LUCIE COUNTY | | BOARD OF COUNTY COMMISSIONERS | | SIDESTREET | | | | | |
|------------------------------|--|-------------------------------|--|----------------|--|--|--|--|--|
| | | | | CROSS SECTIONS | | | | | |
| PRIMA VISTA BOULEVARD | | | | | | | | | |
| MEDIAN IMPROVEMENTS | | | | | | | | | |
| SHEET NO. | | SHEET NO. | | SHEET NO. | | | | | |
| 32 | | | | | | | | | |





[pw://american-pw.l-cty.com.american-pw/documents/l-City_PortStudies\Projects\356\204\Roadway\Design](http://american-pw.l-cty.com.american-pw/documents/l-City_PortStudies\Projects\356\204\Roadway\Design)

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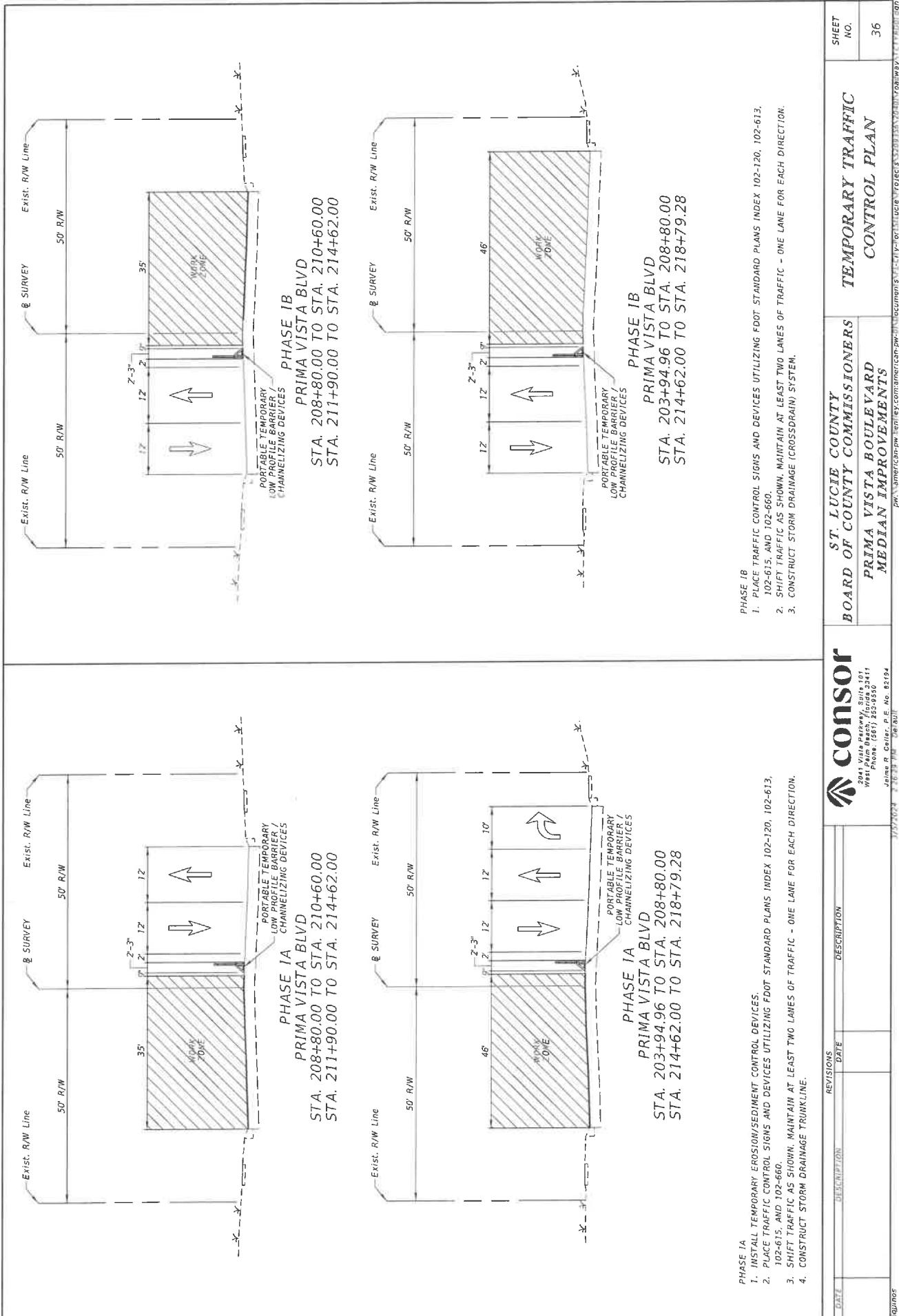
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TRAFFIC CONTROL PLAN GENERAL NOTES

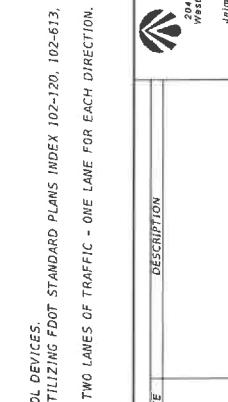
1. ENGINEER MUST APPROVE ALL ROADWAY CLOSURES IN ADVANCE. CLOSURES SHALL BE COORDINATED WITH CITY PUBLIC WORKS & COUNTY ENGINEERING DEPARTMENTS AND EMERGENCY SERVICES.
2. FOR PAVEMENT DROP-OFFS CONTRACTOR CAN USE SHOULDER TREATMENT PER STANDARD PLANS 102-600 (SHEET 8 OF 11) IN LIEU OF BARRIER WALL AT NO ADDITIONAL COST.
3. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES DISTURBING THE SOIL.
4. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS. THE CURRENT EDITION OF THE FLORIDA D.O.T. STANDARD PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS A MINIMUM CRITERIA. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH (BUT NOT LIMITED TO) THE STANDARD PLANS.
5. THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE REMOVAL OF STORMWATER FROM THE ROADWAY(S) DURING CONSTRUCTION. PROVISIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
6. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHOLES WHICH DEVELOP WITHIN THE PROJECT LIMITS WITH COLD PATCH ASPHALT CONCRETE. COST TO BE INCLUDED UNDER 102-1 MAINTENANCE OF TRAFFIC.
7. THE ALTERATION OF TRAFFIC TRAVEL WAYS TO CREATE A WORK ZONE SHALL NOT COMMENCE UNTIL ALL LABOR AND MATERIALS ARE AVAILABLE FOR THE CONSTRUCTION.
8. THE WORK AREA SHALL BE PROTECTED BY TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE STANDARD PLANS.
9. THE CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY SIGNS OR OBLITERATE ANY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PHASES. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL REINSTALL OR UNCOVER THOSE SIGNS AND PAVEMENT MARKINGS IN THEIR ORIGINAL POSITION. (SEE SIGNING AND PAVEMENT MARKING PLANS).
10. PERMANENT ROWS WHERE REQUIRED, SHALL BE PLACED WITHIN 72 HOURS OF COMPLETION OF THE PERMANENT STRIPPING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING A WORK ZONE SCHEDULE SO THAT ANY LOCATION UNDER CONSTRUCTION WILL NOT BE LEFT IN A HAZARDOUS CONDITION AT THE COMPLETION OF ANY WORK PERIOD.
12. CONTRACTOR SHALL WORK WITH ANY ADJACENT CONTRACTORS DURING THE DURATION OF THE PROJECT.
13. POSTED REGULATORY SPEED SHALL BE MAINTAINED FOR ALL PHASES.
14. IF A LANE CLOSURE CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL. OPEN ALL LANES DURING INACTIVE WORK TIMES.
15. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO PREVENT MILLED MATERIAL FROM ENTERING THE DRAINSAGE SYSTEM AT NO ADDITIONAL COST TO THE DEPARTMENT. EXISTING DRAINSAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED. ALL MILLING MATERIAL (EXISTING & PROPOSED) SHALL BE PROTECTED FROM SEDIMENTATION AND INSPECTOR MANUAL, SECTION # 4-08- STORMDRAIN INLET PROTECTION.
16. THE AREA TO BE CONSTRUCTED SHALL NOT EXCEED THAT AREA WHICH WILL BE PAVED WITH STRUCTURAL COURSE BY THE END OF THE SAME WORK PERIOD.
17. CONTRACTOR SHALL PROVIDE TEMPORARY PAVEMENT MARKINGS INCLUDING CROSSWALKS, LANE LINES, STORAGE AREAS, TURN LANES, ARROWS AND MESSAGES WITHIN THE PROJECT LIMITS, SAYD TEMPORARY MARKINGS TO BE PAINT TEMPORARY ROWS SHALL BE INSTALLED ON THE EDGE OF LANE LINES OF ALL TRANSITIONS, TANGENT SECTIONS AND CROSSOVERS WITHIN THE WORK ZONE.

| GENERAL NOTES | | ST. LUCIE COUNTY COMMISSIONERS | BOARD OF COUNTY COMMISSIONERS | TEMPORARY TRAFFIC | SHEET NO. |
|---------------|-------------|--------------------------------|-------------------------------|-------------------|-----------|
| | | PRIMA VISTA BOULEVARD | MEDIAN IMPROVEMENTS | CONTROL PLAN | 35 |
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | DATE |

www.saintluciecounty.com/transportation/trafficsafety/documents/street/permits/trafficsafetycontrolplan.pdf



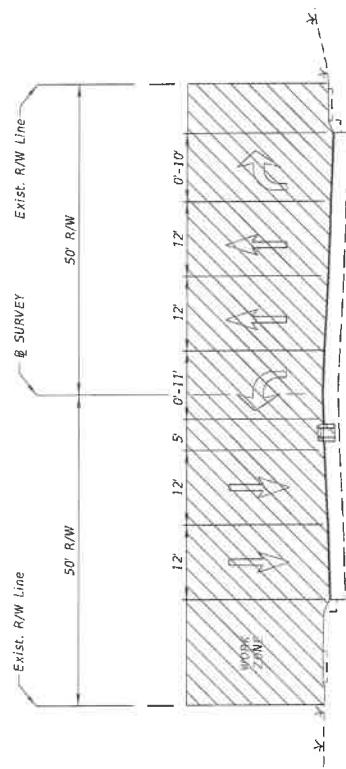
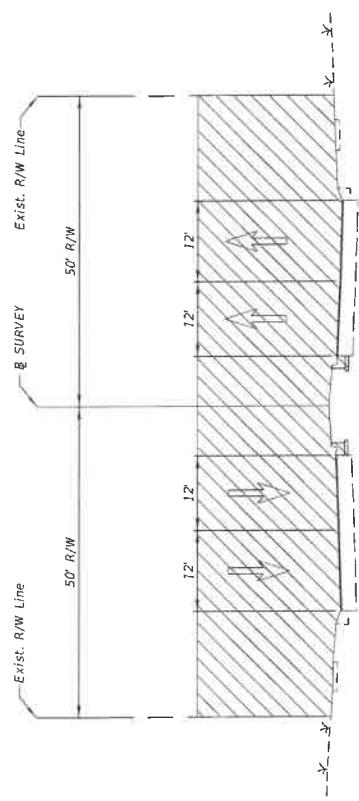
PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS



CONTRACTOR'S COPY

PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS

PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS



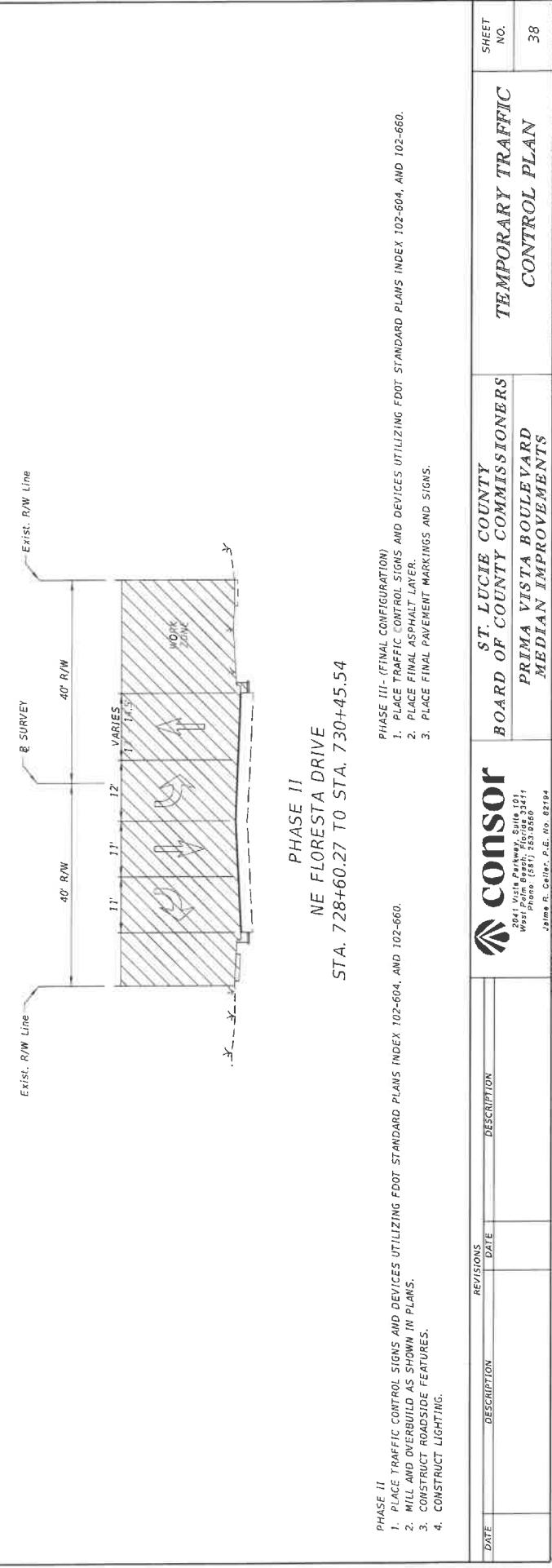
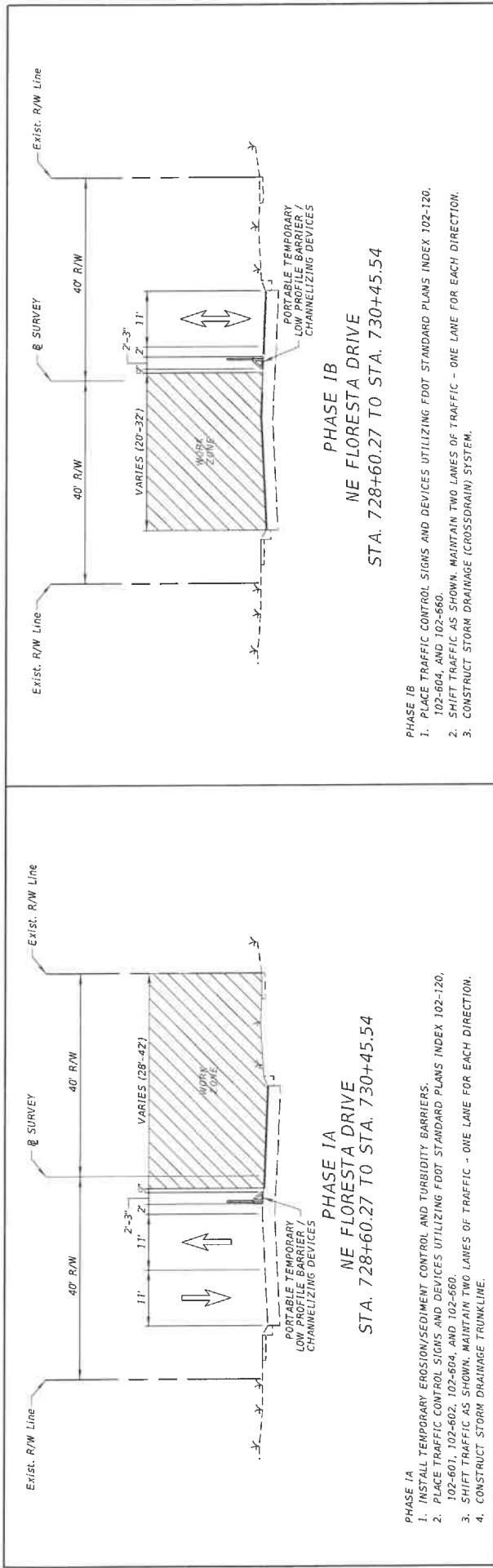
PHASE II

1. PLACE TRAFFIC CONTROL SIGNS AND DEVICES UTILIZING FDOT STANDARD PLANS INDEX 102-613, 102-615, AND 102-660.
2. MILL, OVERBUILD, AND WIDEN AS SHOWN IN PLANS.
3. CONSTRUCT ROADSIDE FEATURES.
4. CONSTRUCT SIGNALIZATION MAST ARMS AT INTERSECTION OF FLORESTA DRIVE.
5. CONSTRUCT LIGHTING.

PHASE III - (FINAL CONFIGURATION)

1. PLACE TRAFFIC CONTROL SIGNS AND DEVICES UTILIZING FDOT STANDARD PLANS INDEX 102-613, 102-615, AND 102-660.
2. PLACE FINAL ASPHALT LAYER.
3. PLACE FINAL PAVEMENT MARKINGS AND SIGNS.

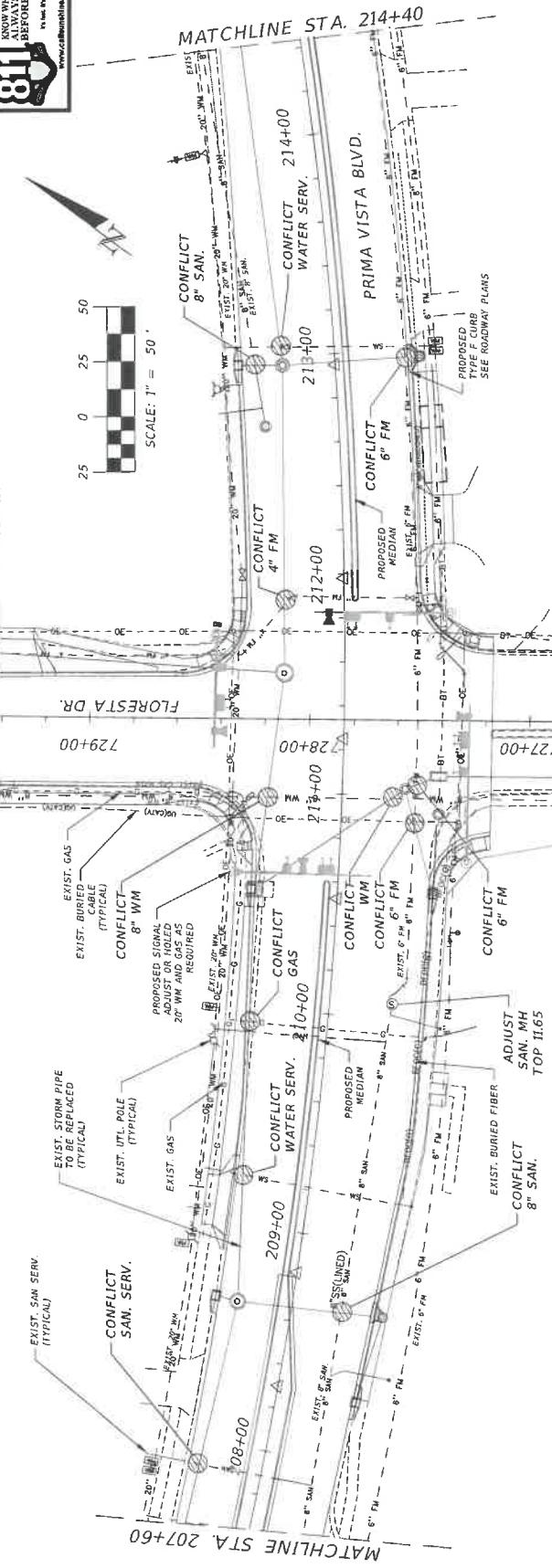
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | TEMPORARY TRAFFIC CONTROL PLAN | SHEET NO. |
|------------|--------------------|-----------|------|--|--|----------------------------------|-----------|
| 11/17/2014 | Initial Submission | | | John P. McNamee, P.E. John P. McNamee, P.E. Phone: (861) 452-3311 Phone: (861) 452-9350 | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | John R. Callier, P.E., No. 12294 | 37 |





THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61615-23004, F.A.C.

MATCHLINE STA. 729+40 SHEET 5



P:\1800\1882.2 - Floresita al Prima Vista (SCC)\DWG\001\W01\PRIMA VISTA.dwg; 3/4/2024 3:10:15 PM; DWG 18-PDFPS

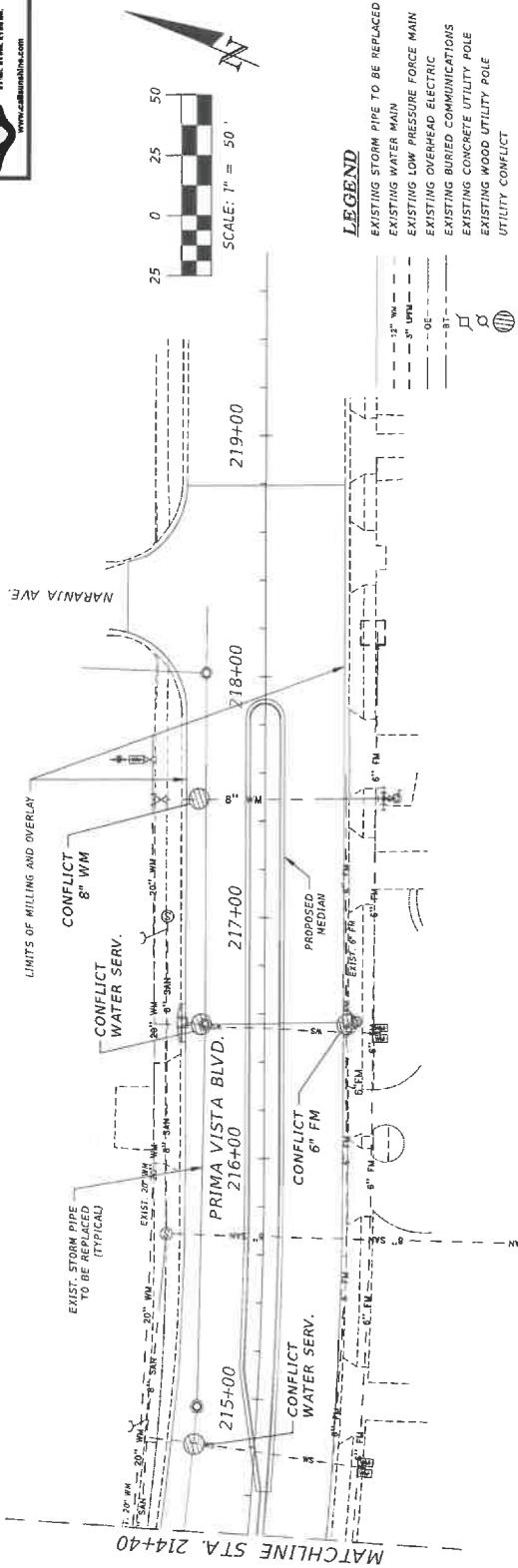
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Mark Baldwin 3/4/2024 5:01:53 PM

Mark Baldwin



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONICALLY SIGNED AND SEALED UNDER RULE 61G1S-23.004, F.A.C.



NOTES:

1. CONTRACTOR TO COORDINATE WITH EACH UTILITY TO PROVIDE PROTECTION DURING CONSTRUCTION.
2. ALL DRAINAGE PIPES SHOWN AT CONFLICTS TO BE REPLACED, FOR HOLE ALL CONFLICTS TO LAWN/ANNUAL TO DETERMINE DEPTH, DIA/YARD SIZES AND CONTRACTOR TO RELOCATE. THESE PIPES SHALL BE DONE TO AVOID DAMAGE TO ALL EXISTING UTILITY. MAINTAIN EXISTING SEPARATIONS.
3. ALL UTILITY VALVE COVERS WITHIN OVERBUIL

AREA WILL NEED ADJUSTMENT.

EXISTING PCL

REVISIONS DESCRIPTION

| DATE | REVISIONS DESCRIPTION |
|------|-----------------------|
| 10 | 214+00 |
| 5 | 215+00 |
| 0 | 216+00 |
| 0 | 217+00 |
| 0 | 218+00 |
| 5 | 219+00 |
| 5 | 220+00 |

PRIMA VISTA BLVD.

| ROAD NO. | COUNTY |
|-------------------|------------------|
| PRIMA VISTA BLVD. | ST. LUCIE COUNTY |

SHEET NO.

41



SCALE: 1" = 50'



STA. 733+73.90

SOLIDA DRIVE

SOLIDA DRIVE

730+00 731+00 FLORESTA DR.

END ROAD WORK
SEE ROADWAY PLANS

BOAT CHANNEL

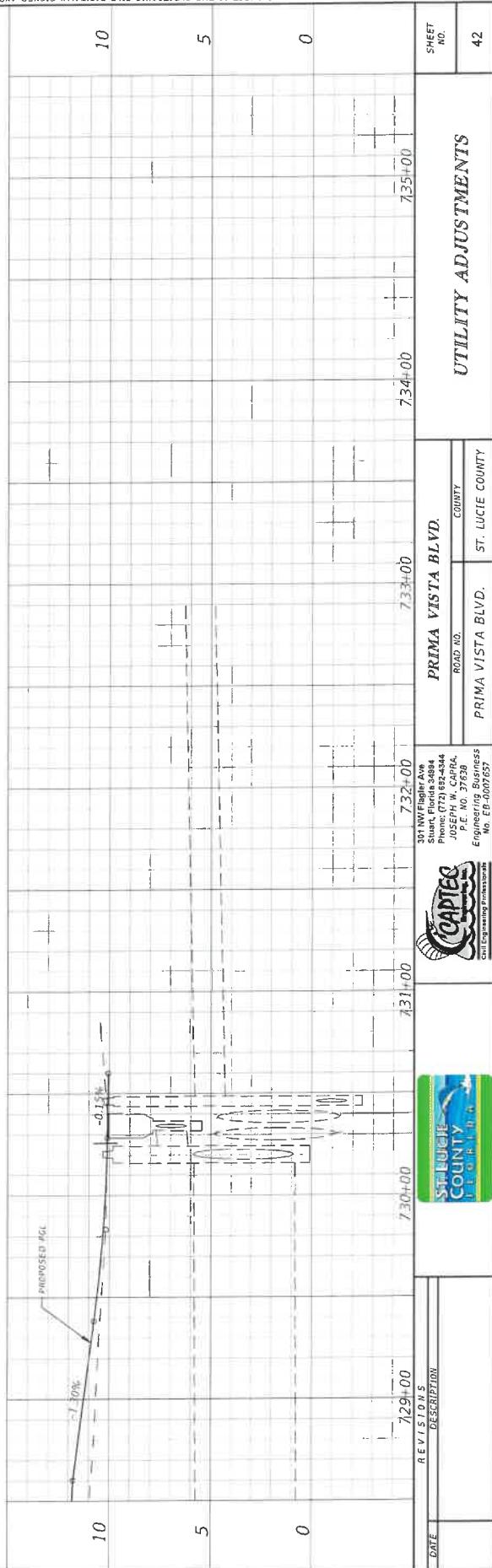
MATCHLINE STA. 729+40 SHEET #

LEGEND

| | |
|------------------------------------|----------------------------------|
| EXISTING STORM PIPE TO BE REPLACED | |
| — | — 12" WH — |
| — | — 5" LBN — |
| — | — 6" OFN — |
| — | — 8" BD — |
| — | — EXISTING BURIED COMMUNICATIONS |
| □ | — EXISTING CONCRETE UTILITY POLE |
| ○ | — EXISTING WOOD UTILITY POLE |
| ○ | — UTILITY CONFLICT |

NOTES:

1. CONTRACTOR TO COORDINATE WITH EACH UTILITY TO PROVIDE PROTECTION DURING CONSTRUCTION.
2. ALL DRAINAGE PIPES SHOWN AT CONFLICTS TO BE REPLACED; PIG HOLE ALL CONFLICT LOCATIONS TO DETERMINE DEPTH, VERIFY SIZES AND LOCATIONS; REPLACEMENT OF DRAINAGE PIPES SHALL BE DONE TO AVOID DAMAGE TO ALL EXISTING UTILITIY. MAINTAIN EXISTING SEPARATIONS.
3. ALL UTILITY VALVE COVERS WITHIN OVERBUILID AREA WILL NEED ADJUSTMENT.



| SUMMARY OF LUMP SUM ITEMS | | | | | | CONSTRUCTION REMARKS |
|---------------------------|----------------------------------|------|---------------|----------------------|--|-------------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | UNIT | QUANTITY P | DESIGN NOTES F | | |
| 0101 1 | MOBILIZATION | LS | 1 | | | |
| 0102 1 | MAINTENANCE OF TRAFFIC | LS | 1 | | | |
| 0101 18 | CONSTRUCTION VIDEO | LS | 1 | | | |
| 0101 99 | SURVEY STAKING & RECORD DRAWINGS | LS | 1 | | | |
| 0107 1 | LITTER REMOVAL | LS | 1 | | | |
| 0107 2 | MOWING | LS | 1 | | | |
| 2000 1 | UTILITY COORDINATION | LS | 1 | | | |

INDEX OF SUMMARY OF QUANTITIES

SHEET NO. 00-1
SHEET DESCRIPTION
 LUMP SUM ITEMS
 SUMMARY OF MONITOR EXISTING STRUCTURES
 SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
 EARTHWORK
 PAVEMENT
 CURB & GUTTER AND/OR TRAFFIC SEPARATORS
 SIDEWALK & DETECTABLE WARNINGS
 PERFORMANCE & SURVEY

PAY ITEM FOOTNOTES

INCLUDES ALL COSTS AND EQUIPMENT NECESSARY INCLUDING A TWO PERSON BUCKET TRUCK FOR USE BY THE ENGINEER OR COUNTY REPRESENTATIVE DURING INSPECTION OF THE TRAFFIC SIGNAL.

AS-BUILT DRAWINGS AND ALL CERTIFICATION / CONVEYANCE DOCUMENTS MUST BE SUBMITTED PRIOR TO SCHEDULING THE FINAL INSPECTION.

1. ALL RECORD DRAWINGS SHALL BE SUBMITTED IN CONFORMANCE WITH CITY OF PORT ST. LUCIE'S MINIMUM RECORD DRAWING STANDARDS.

2. ALL RECORD DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

3. A MINIMUM OF THREE (3) SETS OF COMPLETE RECORD DRAWINGS SHALL BE SUBMITTED IN CORRELATION WITH THE APPROVED CONSTRUCTION DRAWINGS, (INCLUDING UTILITIES, IRRIGATION, LANDSCAPE, ROADWAY, ELECTRICAL, DRAINAGE, ETC.) RECORD DRAWINGS SHALL BE SUBMITTED IN ELECTRONIC FORMAT AUTOCAD 2018 OR LATEST VERSION.

4. THE CONTRACTOR IS REQUIRED TO ESTABLISH AN ELEVATION REFERENCE POINT.

5. THE CONTRACTOR MUST KEEP RIGHT-OF-WAY LINE AND RIGHT-OF-ENTRY LINE STAKES IN PLACE EVERY 100'

PAT-ITEM INCLUDES ALL ITEMS UTILIZED FOR MAINTENANCE OF TRAFFIC PER THE FOOT STANDARD PLANS INDEX WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS. CONTRACTOR TO PROVIDE EVERYTHING TO MEET FOOT STANDARD PLANS INDEX. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: TRAFFIC CONTROL EQUIPMENT, WORK ZONE SIGNS, TEMPORARY LOW PROFILE BARRIER FENCE AND RELOCATE, CHANNELIZING DEVICES (ALL TYPES), ARROW BOARD/ADVANCE WARNING ARROW PANELS, TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS, TEMPORARY PORTABLE BARRIER, CHANGABLE MESSAGE SIGNS AND TEMPORARY PAINTED PAVEMENT MARKINGS. INCLUDES PEDESTRIAN MAINTENANCE MATERIAL IN ACCORDANCE WITH THE FOOT STANDARD PLANS INDEX AND SPECIFICATIONS. INCLUDES MAINTENANCE AND RELOCATION OF MAILBOXES, REMOVAL OF ALL EXISTING CONFLICTING PAVEMENT MARKINGS AND COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE.

BASE COURSE SHALL BE ASPHALT BASE (LRB 100).
PAY ITEM INCLUDES ADDITIONAL CONCRETE FOR SPECIAL SIDEWALK DETAIL, THE COST OF 40.9 CY OF ADDITIONAL CONCRETE.
DETECTABLE WARNING SURFACES SHALL BE BRICK RED IN COLOR. INCLUDES ALL LABOR, SURFACE PREPARATION, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
STAFF COMPENSATE THE CONTRACTOR FOR ALL COORDINATION WITH EXISTING UTILITY PROVIDERS THROUGHOUT THE DURATION OF THE CONSTRUCTION CONTRACT.

| BOARD OF COUNTY COMMISSIONERS | | | | SUMMARY OF QUANTITIES | SHEET NO. |
|---|-------------|-----------|------|--|-------------|
| | | | | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | SQ-1 |
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | |
| 11/27/94 | 11/27/94 | | | | |
| St. Lucie County Board of County Commissioners Prima Vista Boulevard Median Improvements 2011 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone (407) 243-9550 James R. Collier, P.E., No. 02294 Quindos <small>Open American Cyanamid Company Document</small> | | | | | |

| SUMMARY OF MONITOR EXISTING STRUCTURES | | | | | | |
|--|---|-------------------|------------------------------------|---|--------------|----------------------|
| SITE NO | LOCATION | STRUCTURE USAGE | INSPECTION & SETTLEMENT MONITORING | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | | 0108 | 1 | LS | LS |
| 1 | ADDRESS AND/OR STA. 301 NE PRIMA VISTA BLVD (CVS PHARMACY) | MEDICAL TREATMENT | P | F | P | F |
| | | TOTAL | 1 | | 1 | |

THE LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE COUNTY OF ST. LUCIE) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FOOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

| SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS | | | | | | | | | | | |
|--|----------------------|------------------------|-------|---------------|-------------------------------|----------|-------|--------------|---|---------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | SIDE | AREA UNITS ID | SECONDARY UNITS (IF LUMP SUM) | QUANTITY | TOTAL | DESIGN NOTES | | | CONSTRUCTION REMARKS |
| | STA. TO STA. | | | AREA (AC) | AREA (AC) | P | P | F | F | | |
| 0110 1 1 | CLEARING & GRUBBING | 204+92.50 to 210+59.00 | LT/RT | 12521 | LS | 0.151 | | | | 0.41 TOTAL AC | |
| | | 208+80.00 to 208+98.39 | LT | 20916 | | 0.006 | | | | | |
| | | 209+21.58 to 210+74.69 | LT | 20836 | | 0.010 | | | | | |
| | | 209+21.70 to 210+87.36 | LT | 12591 | | 0.023 | | | | | |
| | | 209+73.44 to 210+78.69 | RT | 20938 | | 0.008 | | | | | |
| | | 210+71.73 to 210+94.08 | LT | 20881 | | 0.003 | | | | | |
| | | 210+93.15 to 211+01.07 | LT | 21079 | | 0.002 | | | | | |
| | | 211+56.15 to 211+65.91 | LT | 21072 | | 0.002 | | | | | |
| | | 211+63.33 to 212+88.95 | LT | 20578 | | 0.009 | | | | | |
| | | 211+70.85 to 212+12.40 | RT | 20960 | | 0.004 | | | | | |
| | | 211+89.00 to 217+82.50 | LT/RT | 12543 | | 0.133 | | | | | |
| | | 212+04.01 to 212+12.25 | RT | 18779 | | 0.001 | | | | | |
| | | 212+33.75 to 212+88.95 | RT | 18670 | | 0.008 | | | | | |
| | | 212+33.81 to 212+88.95 | RT | 20519 | | 0.005 | | | | | |
| | | 728+59.67 to 729+45.26 | LT | 20852 | | 0.006 | | | | | |
| | | 728+59.73 to 729+42.12 | LT | 21061 | | 0.006 | | | | | |
| | | 728+60.18 to 729+22.33 | RT | 21066 | | 0.012 | | | | | |
| | | 728+60.24 to 729+25.90 | RT | 20861 | | 0.005 | | | | | |
| | | 729+51.90 to 729+75.00 | RT | 20871 | | 0.002 | | | | | |
| | | 729+54.12 to 729+75.01 | RT | 12957 | | 0.006 | | | | | |
| | | 729+61.33 to 730+00.00 | LT | 20845 | | 0.003 | | | | | |
| | | 729+68.23 to 730+00.00 | LT | 12969 | | 0.002 | | | | | |
| | | 208+80.00 to 210+48.92 | RT | 16812 | SY | | | | | | |
| | | 208+80.00 to 210+84.56 | RT | 33105 | | 40.5 | 998 | | | | |
| | | 208+88.15 to 211+03.22 | LT | 18271 | | | | 152.3 | | | |
| | | 208+94.66 to 209+25.17 | LT | 7424 | | | | 51.0 | | | |
| | | 209+21.61 to 210+97.95 | LT | 18121 | | | | 29.7 | | | |
| | | 210+48.83 to 210+86.51 | RT | 16673 | | | | 112.9 | | | |
| | | 211+54.14 to 212+88.95 | LT | 18228 | | | | 12.6 | | | |
| | | 211+63.04 to 212+88.95 | RT | 8814 | | | | 32.8 | | | |
| | | 211+63.33 to 212+88.95 | LT | 30617 | | | | 34.5 | | | |
| | | 211+65.08 to 212+41.32 | RT | 16716 | | | | 96.8 | | | |
| | | 212+08.53 to 212+37.57 | RT | 7731 | | | | 46.6 | | | |
| | | 212+33.75 to 212+88.95 | RT | 7345 | | | | 60.1 | | | |
| | | 728+59.67 to 729+43.80 | LT | 18183 | | | | 30.6 | | | |
| | | 728+59.73 to 730+25.38 | LT | 18328 | | | | 45.8 | | | |
| | | 728+60.13 to 730+28.35 | RT | 18316 | | | | 36.6 | | | |
| | | 728+60.24 to 729+25.90 | RT | 18188 | | | | 37.1 | | | |
| | | 729+15.94 to 729+61.73 | RT | 8039 | | | | 39.0 | | | |
| | | 729+40.96 to 729+70.74 | LT | 7548 | | | | 79.7 | | | |
| | | 729+51.76 to 729+75.00 | RT | 8030 | | | | 30.3 | | | |
| | | 729+64.02 to 730+00.00 | LT | 7560 | | | | 10.9 | | | |
| | | | | | | | | 18.4 | | | |



consol
2044 KINGS BRIDGE ROAD, SUITE 100

2001 Vista Parkway, Suite 701
West Palm Beach, Florida 33411
Phone: (561) 253-9550

THE JOURNAL OF

| | |
|---|---|
| <p>UCIE COUNTY OUNTY COMMISSIONERS</p> <p>ISTA BOULEVARD IMPROVEMENTS</p> | <p>SHEET NO.</p> <p>SQ.-3</p> |
| <p>SUMMARY OF QUANTITIES</p> | |

*ST. LUCIE COUNTY
BOARD OF COUNTY COMMISSIONERS*

*PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENT*

P.M.: 34H11/34H: P.M.: H. E.Y./E.A.H.: M.B.

| SUMMARY OF EARTHWORK | | | | | |
|----------------------|--|-------|--------------|----------------------|--|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | CY | DESIGN NOTES | CONSTRUCTION REMARKS | |
| P | F | P | F | | |
| 0120 1 | REGULAR EXCAVATION | | | | |
| | PRIMA VISTA FLORESTA (STA. 728+57.18 TO STA. 730+28.57) FLORESTA (STA. 727+17 TO STA. 727+44.40) | 123.0 | 23.0 | | |
| | TOTAL REGULAR EXCAVATION | 2.2 | | | |
| 0120 6 | EMBANKMENT | | | | |
| | PRIMA VISTA FLORESTA (STA. 728+57.18 TO STA. 730+28.57) FLORESTA (STA. 727+17 TO STA. 727+44.40) | 170.8 | 19.3 | | |
| | TOTAL EMBANKMENT | 5.0 | | | |
| | | 195.1 | | | |

| SUMMARY OF PAVEMENT | | | | | |
|---------------------|--|------------------------|-------------------|---------|-----------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | DESCRIPTION | SIDE | QUANTITY |
| | | STA. TO STA. | | AREA ID | UNIT |
| 0160 4 | TYPE B STABILIZATION | 209+57.63 to 210+85.81 | | LT | 40155 SY |
| | | 210+60.51 to 211+03.19 | | RT | 40169 SY |
| | | 211+26.98 to 211+29.47 | | RT | 27680 |
| 285709 | OPTIONAL BASE , BASE GROUP 09 | 209+57.80 to 210+85.81 | TYPE B-12.5 | LT | 42223 SY |
| | | 210+60.51 to 211+03.19 | TYPE B-12.5 | RT | 42227 |
| | | 211+26.98 to 211+29.47 | TYPE B-12.5 | RT | 27225 |
| 0327 70 6 | MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH | 203+94.95 to 215+79.28 | | LT/RT | 36725 SY |
| | | 728+28.47 to 730+45.54 | | LT/RT | 36706 |
| 0334 1 13 | SURFACE ASPHALTIC CONC. TRAFFIC C | 209+57.80 to 210+85.78 | 1.5" THICKNESS | LT | 1146.6 TN |
| | | 210+60.54 to 211+03.19 | 1.5" THICKNESS | LT | 40115 TN |
| | | 211+26.98 to 211+29.47 | 1.5" THICKNESS | RT | 40127 |
| | | 208+30.00 to 212+95.00 | OVERBUILD (EB) | RT | 28208 |
| | | 208+82.00 to 214+72.00 | OVERBUILD (WB) | LT/RT | 494.51 |
| | | 727+17.12 to 727+44.40 | OVERBUILD (WB/SB) | LT/RT | 494.55 |
| 0334 1 53 | SURFACE ASPHALTIC CONCRETE, TRAFFIC C. PCT 6-22 | 728+26.53 to 730+28.00 | OVERBUILD (WB/SB) | LT/RT | 146.03 |
| | | 203+94.96 to 216+79.28 | 1.5" THICKNESS | LT/RT | 219.70 |
| | | 728+28.49 to 730+45.54 | 1.5" THICKNESS | LT/RT | 39724 TN |
| | | | | | 879.41 |
| | | | | | 974.0 |
| | | | | | 94.60 |

| | | | | | | | |
|--------|-------------|-----------|------|-------------|--|--|-----------|
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | BOARD OF COUNTY COMMISSIONERS | SHEET NO. |
| Spudus | | | | | Prima Vista Parkway, Suite 101 West Palm Beach, Florida 33455-3111 Phone: (561) 584-9555 Fax: (561) 584-9556 Email: info@spudus.com | Prima Vista Boulevard MEDIAN IMPROVEMENTS | SG-4 |
| | | | | | SUMMARY OF QUANTITIES | | |
| | | | | | | | |

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | | | | | QUANTITY | | | DESIGN NOTES | | | CONSTRUCTION REMARKS |
|--------------|--------------------------------|------------------------|--------|---------|------|--------------|------------|------------|---|---|--------------|--|--|----------------------|
| | | STA. TO STA. | SIDE | AREA ID | UNIT | GROSS LENGTH | DEDUCTIONS | NET LENGTH | P | F | TOTAL | | | |
| 0520 1 10 | CONCRETE CURB & GUTTER, TYPE F | 204+86.00 to 208+80.00 | L/R/T | | LF | 796.1 | | 796.1 | | | 2606 | | | |
| | | 208+20.75 to 210+43.78 | RT | | | 283.2 | | 283.2 | | | | | | |
| | | 208+88.15 to 211+01.62 | LT | | | 227.1 | | 227.1 | | | | | | |
| | | 211+55.29 to 212+48.95 | LT | | | 143.8 | | 143.8 | | | | | | |
| | | 211+64.69 to 212+48.95 | RT | | | 146.4 | | 146.4 | | | | | | |
| | | 214+62.00 to 217+59.00 | L/T/RT | | | 652.4 | | 652.4 | | | | | | |
| | | 720+53.67 to 730+55.35 | LT | | | 171.9 | | 171.9 | | | | | | |
| | | 720+53.67 to 730+48.34 | RT | | | 174.7 | | 174.7 | | | | | | |
| | | 208+19.86 to 210+60.50 | LT | | | 361.9 | | 361.9 | | | | | | |
| | | 211+87.50 to 211+52.16 | RT | | | 552.3 | | 552.3 | | | | | | |
| | | | | | | | | | | | | | | |
| 0520 2 4 | CONCRETE CURB, TYPE D | | | | | | | | | | | | | |

| CONSOR | | | ST. LUCIE COUNTY COMMISSIONERS | | | SUMMARY OF QUANTITIES | | | SHEET NO. | |
|---|----------------------------------|-----------|--|-------------|--|-----------------------|--|--|-----------|--|
| 1201 White Dr., Suite 101 West Palm Beach, FL 33401 Phone: (861) 359-9550 | James R. Callier, P.E. No. 32194 | | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | | | | | | SQ-5 | |
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | | | | | SHEET NO. | |
| | | | | | | | | | SQ-5 | |

sqmias

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

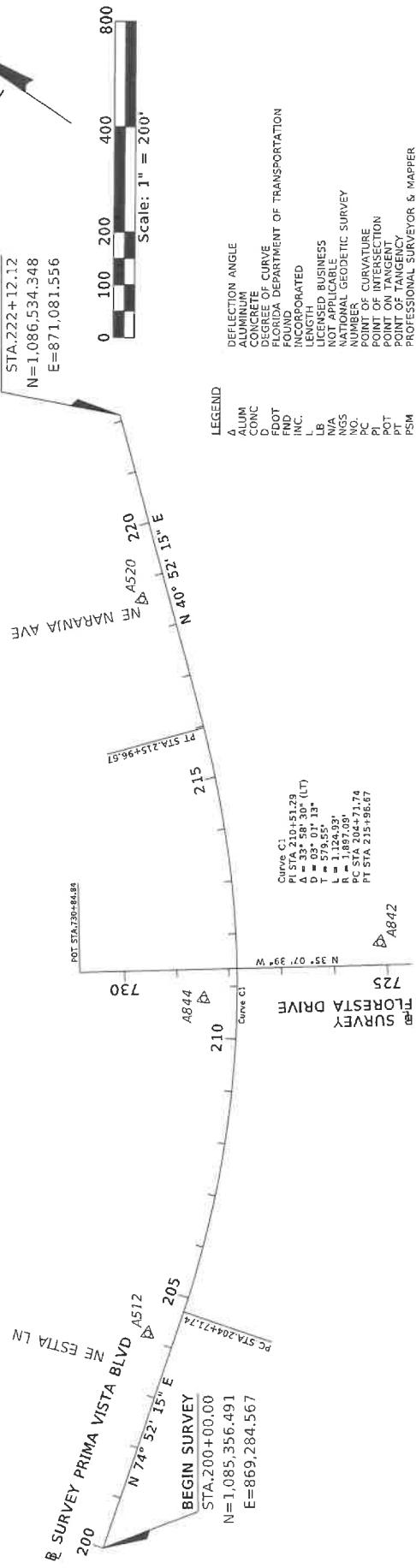
consol

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

<http://americanpw.enyc.edu> americanpw.american.pw
document library or archive project site: americanpw.enyc.edu

PROJECT CONTROL POINTS

TRaversing Thru Section 28, Township 36 South, Range 40 East



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 3J-17.062, F.A.C.

- BEARINGS AND DISTANCES ARE RELATIVE TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, TRANSVERSE MERCATOR PROJECTION, NORTH AMERICAN DATUM (NAD) 1983 (2011 ADJUSTMENT). A BEARING OF N 55° 27' 7" E HAS BEEN ESTABLISHED BETWEEN MONUMENTS A512 TO A520.
- NORTHING EASTING DESCRIPTION
A512 1085513.697 869668.291 5/8" IRON ROD & CAP
A520 1086302.379 870815.169 4"X4" CONC. MON
- THE PROJECT BASELINE IS SHOWN FOR COMPUTATIONAL PURPOSES ONLY AND DOES NOT IN ALL AREAS, CONSTITUTE THE CENTERLINE OF RIGHT OF WAY. PROJECT CONTROL POINTS SHOULD BE USED TO ESTABLISH A POSITION RELATIVE TO Said CALCULATED BASELINE WHICH WAS NOT MONUMENTED AS A PART OF THIS SURVEY.
- VERTICAL DATUM IS BASED ON NORTH AMERICAN VERTICAL DATUM (NAD) 1988 AND IS REFERENCED TO POINTS BM 5029 & BM 591317, AS PUBLISHED BY THE CITY OF PORT SAINT LUCIE.
- PROJECT UNITS: U.S. SURVEY FOOT
- FIELD BOOK REFERENCES: 26-190
- ELECTRONIC DATABASE: ICBRW1.GPK

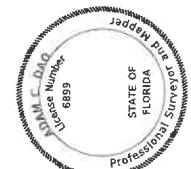
LIMITS: PRIMA VISTA BLVD, 100' EAST AND WEST OF FLORESTA DR.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCIRIBING AND MAPPING THE PROJECT CONTROL POINTS OR BASELINE FOR THE TRANSPORTATION FACILITY DEPICTED HEREIN AND THAT Said SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MAPPERS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEET 1 OF 1 IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED BY THE FDOT DISTRICT 4, SURVEY OFFICE AND COMPLETED ON NOV. 5, 2020.

SURVEYOR: ADAM C. DAO PSM NUMBER 6899

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:
Digital Signature of Adam C. Dao
Name: Adam C. Dao
Title: Surveyor
Date: 2022-07-01 14:45:27 -0400'
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON ELECTRONIC DOCUMENT.



PROJECT NETWORK TABULATION SHEET DETAILS

| POINT NAME | EASTING | NORTHING | SCALE FACTOR | LATITUDE | LONGITUDE | BASELINE STATION | OFFSET | ELEVATION | DESCRIPTION |
|------------|------------|-------------|--------------|------------------|------------------|------------------|-----------|-----------|--|
| A512 | 869668.291 | 1085513.097 | 0.99999343 | 22°19'06.539942" | 80°20'32.883380" | 204+11.30 | 51.03 LT | N/A | FND 5/8" IRON ROD AND CAP STAMPED LB 7025 |
| A520 | 870815.169 | 1086302.579 | 0.99999400 | 27°19'14.35723" | 80°20'20.12257" | 218+62.54 | 49.78 LT | N/A | FND 4"X4" CONCRETE MONUMENT |
| A842 | 870527.701 | 1085561.750 | 0.99999385 | 27°19'07.03629" | 80°20'23.355309" | 211+71.28 | 272.12 RT | 10.98 | SET 5/8" IRON ROD & CAP STAMPED BOWMAN CG LB8030 |
| A844 | 870253.682 | 1085780.040 | 0.99999372 | 27°19'09.21223" | 80°20'26.37822" | 210+76.19 | 63.65 LT | 11.51 | SET 5/8" IRON ROD & CAP STAMPED BOWMAN CG LB8030 |

FILE#

SHEET NO.

CTL 1

| DATE | BY | DESCRIPTION | REVISIONS | CITY OF PORT ST. LUCIE | PORT ST. LUCIE, FL 34984 | PROJECT CONTROL |
|------|----|---|-----------|-------------------------------------|--------------------------------|----------------------------|
| | | ADAM C. DAO, PSM, SURVEYOR LICENSE NUMBER 6899, BOWMAN CONSULTING GROUP, LTD., INC. 301 SE OCEAN BLVD, SUITE 101 STUART, FLORIDA 34994 CERTIFICATE OF AUTHORIZATION LB8030 | | Road No. P/Innovis/ ST. LUCIE | County Financial Project ID | #USER# *TIME# *DATE# |

VERIFIED UTILITY LOCATE

| V/H # | UTILITY DESCRIPTION (owner, type) | SIZE | MATERIALS | SURVEY DATA | | | EXISTING GROUND ELEVATION | TOP OF ELEVATION | COMMENTS |
|-------|--------------------------------------|-------------------|-----------|-------------|--------|---------|---------------------------|------------------|---|
| | | | | STATION | OFFSET | L/T/R/T | | | |
| TH1 | NO UTILITY FOUND | SEE NOTE (5A)* | N/A | 208+30.03 | 35.33 | RT | 12.04 | 4.04 | CLEARING LOCATION - NO UTILITY FOUND AT THIS LOCATION |
| TH2 | AT&T TELEPHONE | 208+38.61 | PVC | 208+38.61 | 41.76 | RT | 12.06 | 8.53 | |
| TH2A | NO UTILITY FOUND | SEE NOTE (5A)* | N/A | 210+53.23 | 54.15 | LT | 11.26 | 3.26 | CLEARING LOCATION - NO UTILITY FOUND AT THIS LOCATION |
| TH3 | COMCAST CATV | 210+53.79 | HOPE | 210+53.79 | 56.65 | LT | 11.33 | 9.11 | CLEARING LOCATION - NO UTILITY FOUND AT THIS LOCATION, HIT SOLID ROCKGROUND AT ±4.00' |
| | NO UTILITY FOUND | SEE NOTE (5A)* | N/A | 211+43.37 | 57.33 | LT | 11.59 | 7.59 | |
| TH2A | AT&T TELEPHONE | 211+71.56 | PVC | 211+71.56 | 60.23 | LT | 11.61 | 9.11 | HUB SET OVER EASTERN MOST CABLE. |
| TH3B | AT&T TELEPHONE | 211+71.70 | PVC | 211+71.70 | 56.74 | LT | 11.35 | 8.35 | HUB SET OVER EASTERN MOST CABLE. |
| TH3C | UNKNOWN UTILITY | 211+73.84 | PVC | 211+73.84 | 53.23 | LT | 11.45 | 9.25 | |
| TH3D | CITY OF PSL TRAFFIC CONTROL | 211+75.40 | PVC | 211+75.40 | 53.38 | LT | 11.34 | 10.34 | |
| TH4 | AT&T TELEPHONE | 211+81.39 | PVC | 211+81.39 | 48.42 | RT | 11.33 | 7.83 | HUB SET OVER SOUTHERN MOST CABLE. |
| TH4A | AT&T TELEPHONE | 211+77.64 | PVC | 211+77.64 | 48.20 | RT | 11.35 | 7.40 | HUB SET OVER SOUTHERN MOST CABLE. |
| TH4B | AT&T TELEPHONE | 211+85.99 | PVC | 211+85.99 | 46.43 | RT | 11.19 | 7.99 | HUB SET OVER NORTHERN MOST CABLE. |
| THIS | NO UTILITY FOUND | 210+71.38 | N/A | 210+71.38 | 57.87 | RT | 11.59 | 3.99 | CLEARING LOCATION - NO UTILITY FOUND AT THIS LOCATION |
| TH5A | NO UTILITY FOUND | 210+75.85 | N/A | 210+75.85 | 57.35 | RT | 11.47 | 7.07 | GPR INDICATED AN IMAGE AT THIS LOCATION. HOWEVER, NO UTILITY FOUND |
| TH5B | NO UTILITY FOUND | 210+67.02 | N/A | 210+67.02 | 57.18 | RT | 11.54 | 8.24 | GPR INDICATED AN IMAGE AT THIS LOCATION. HOWEVER, NO UTILITY FOUND |

LEGEND:

&
AND
BT
BIL
BASELINE
BURIED TELEPHONE
CENTERLINE
DIRECT BURIED CONDUIT
DIP
DUCTILE IRON PIPE
ELECTROMAGNETIC
FLORIDA DEPARTMENT OF TRANSPORTATION
FOOT
FORCE MAIN
GPR
GROUND PENETRATING RADAR
HIGH DENSITY POLYETHYLENE
HT
LEFT
LT.
N/A
NOT APPLICABLE
POURED CONCRETE
PROFESSIONAL SURVEYOR AND MAPPER
POLYVINYL CHLORIDE
RIGHT
SUE
SUBSURFACE UTILITY ENGINEERING
STATE ROAD
TEST HOLE
UNKNOWN
VERIFIED VERTICAL ELEVATION
WITH
W/

LIMITS: VARIOUS LOCATIONS ALONG FLORESTA DRIVE FROM JUST NORTH OF ELKCAM WATERWAY TO PRIMA VISTA BLVD.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCRIBING AND MAPPING THE UTILITY VACUUM EXCAVATIONS, AS MARKED ON THE SURFACE, FOR THE CITY OF PORT ST. LUCIE DEPICTED HEREIN AND THAT SAID SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-7 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 72.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEET UTV-1 IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON APRIL 14, 2021.

SURVEYOR: ADAM C. DAO

PSM NUMBER: 6899

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THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

Digitally signed by Adam Dao

Date: 2021-04-15 09:33:29-04'00'

THE ABOVE-NAMED PROFESSIONAL SURVEYOR & MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE SJ-17-002, F.A.C.

INDEX OF SURVEY PLANS

SHEET NUMBER

UTV-1

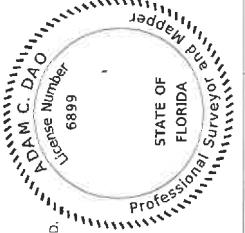
VERIFIED UTILITY LOCATE

SHEET

No.

UTV-1

#FILE#



S.U.E. NOTES:

1. OWNERSHIP IS BASED UPON OBSERVING VISIBLE ABOVE GROUND UTILITY FEATURES AND PROFESSIONAL JUDGEMENT. RECORDS WERE PROVIDED BY THE CITY OF PORT ST. LUCIE.

SURVEYOR'S NOTES:

1. HORIZONTAL INFORMATION IS RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA EAST ZONE.

2. VERTICAL INFORMATION IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

3. PROJECT UNITS: U.S. SURVEY FEET

4. BASELINE SURVEY PERFORMED AND SUBSUMED BY BOWMAN.

5. THIS SPECIFIC PURPOSE SURVEY IS TO DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF THE VACUUM TEST HOLES AS MARKED ON THE SURFACE BY THE SUBSURFACE UTILITY ENGINEERING DEPARTMENT OF BOWMAN. THE SIGNING SURVEYOR IS CERTIFYING ONLY TO THE LOCATION OF THE TEST HOLES AS MARKED ON THE SURFACE.

ADAM C. DAO, P.M.

SURVEYOR LICENSE NUMBER 6899

BOWMAN CONSULTING GROUP, LTD., INC.

301 SE OCEAN BLVD, SUITE 301

STUART, FLORIDA 34994

CERTIFICATE OF AUTHORIZATION LB8030

CITY OF PORT ST. LUCIE

121 S.W. PORT ST. LUCIE BLVD.

ROAD

PRIMA VISTA

ST. LUCIE

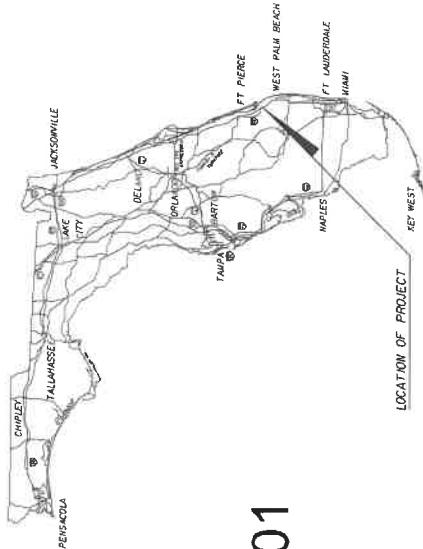
DATE: 04/15/2021

TIME: 09:33:29-04'00'

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

ST. LUCIE COUNTY

**PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS
STUCCIE COUNTY PROJECT NO. 2040-1**

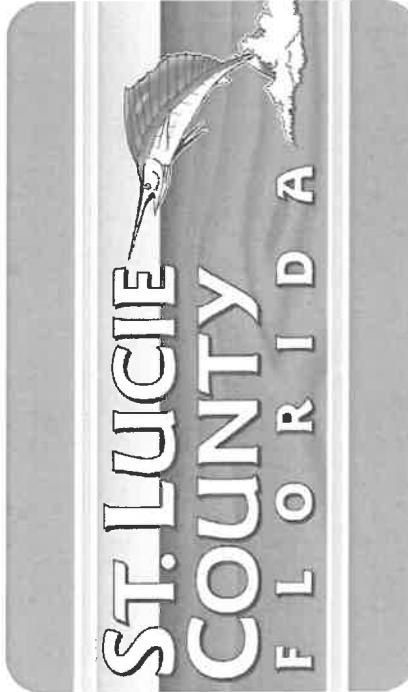


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| SHEET NO. | SHEET DESCRIPTION | | |
|--------------|-------------------|--------------------------|-----------------------|
| | KEY SHEET | TABULATION OF QUANTITIES | GENERAL NOTES |
| S-1 | | | SIGNING AND PAPERWORK |
| S-2 | | | |
| S-3 | | | |
| S-4 THRU S-6 | | | |

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

SIGNING AND FAVEMENT MARKING PLANS



| | |
|--|---|
| <p>Jaime R Celler</p> <p>2024.04.16 22:20:37 -04'00</p> <p>ON THE DATE ADJACENT TO THE SEAL.</p> | <p>THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY</p> <p>PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.</p> |
| <p>JAYME R. CELLER, P.E. CIVIL ENGINEER CONRAD VISTA, 10TH FLOOR 1000 WEST PALM BEACH, FLORIDA 33401 PHONE: (561) 253-9550</p> | |

A circular seal for a professional engineer. The outer ring contains the words "FLORIDA PROFESSIONAL ENGINEER" at the top and "LICENSE NO." at the bottom. The inner circle contains "NAME R. CELLER" at the top and "No 82194" at the bottom. There are four five-pointed stars, one in each quadrant of the circle.

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD: JAMES R. CECIL, P.E.

P.E. NO.: 62194

| | | | |
|--|------------------------|------------------------|----------------------|
| <p>EDMUND BAS, P.E.</p> <p>2041 Vista Parkway, Suite 101, West Palm Beach, Florida 33411 Phone: (561) 253-9550</p> | <p>PROJECT MANAGER</p> | <p>FISCAL YEAR</p> | <p>SHEET NO.</p> |
| <p>24</p> | <p>S-1</p> | | |

BOARD OF COUNTY COMMISSIONERS

| | |
|-----------------|------------|
| CHRIS DZADOVSKY | DISTRICT 1 |
| LARRY LEET | DISTRICT 2 |
| LINDA BARTZ | DISTRICT 3 |
| JAMIE FOWLER | DISTRICT 4 |
| CATHY TOWNSEND | DISTRICT 5 |

PUBLIC WORKS DEPARTMENT
PATRICK DAYAN, P.E.
DAN ZRALACK, P.E.
ST. LUCIE COUNTY
DIRECTOR OF PUBLIC WORKS
COUNTY ENGINEER
COMMISSIONER OF RECORDS
PROJECT MANAGER

PIANS PREPARED BY



SIGNING AND PAVEMENT MARKINGS: TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | TOTAL THIS SHEET | GRAND TOTAL |
|--------------|--|------|---------------|-------|-------|-------|-------|-------|------------------|-------------|
| | | | S-4 | S-5 | S-6 | PLAN | FINAL | PLAN | | |
| 0700 1112 | SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12'-0" x 20' 0" SF OBJECT MARKER, TYPE I DELINERATOR, FLEXIBLE TUBULAR RAISED PAVEMENT MARKERS, TYPE STANDARD, YELLOw, ISLAND NOSE PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6" | EA | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0705 10 1 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0705 11 1 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0706 1, 3 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0710 11 290 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0710 30 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0710 30 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0711 1112 | * | | EA | EA | EA | EA | EA | EA | 2 | 2 |
| 0711 11123 | PARTITION MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6'-10' GAP EXTENSION, 6"-24" FOR CROSSWALK | LF | 0.148 | 0.442 | 0.138 | 0.728 | 0.728 | 0.728 | 0.728 | 0.728 |
| 0711 11124 | * | | CM | 0.084 | 0.084 | 0.001 | 0.085 | 0.085 | 0.085 | 0.085 |
| 0711 11125 | * | | CM | 0.154 | 0.182 | 0.144 | 0.480 | 0.480 | 0.480 | 0.480 |
| 0711 11141 | * | | LF | 0.172 | 0.172 | 0.144 | 0.480 | 0.480 | 0.480 | 0.480 |
| 0711 11170 | * | | LF | 0.172 | 0.172 | 0.144 | 0.480 | 0.480 | 0.480 | 0.480 |
| 0711 11241 | * | | EA | 0.153 | 0.153 | 0.144 | 0.587 | 0.587 | 0.587 | 0.587 |
| 0711 14125 | PAINTED PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, YELLOW, SKIP, 6" | GH | 0.046 | 0.046 | 0.046 | 0.092 | 0.092 | 0.092 | 0.092 | 0.092 |
| 0711 16101 | THEMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK | LF | 0.27 | 0.17 | 0.17 | 0.798 | 0.798 | 0.798 | 0.798 | 0.798 |
| 0711 16121 | THEMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SKIP, 6"-10'-30' SKIP OR 3-9 LANE DROP | LF | 0.36 | 0.36 | 0.36 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 |
| 0711 16201 | THEMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6" | GM | 0.154 | 0.154 | 0.144 | 0.480 | 0.480 | 0.480 | 0.480 | 0.480 |
| 0711 16231 | THEMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SKIP, 6" | GM | 0.153 | 0.153 | 0.144 | 0.587 | 0.587 | 0.587 | 0.587 | 0.587 |
| | | GM | 0.046 | 0.046 | 0.046 | 0.092 | 0.092 | 0.092 | 0.092 | 0.092 |

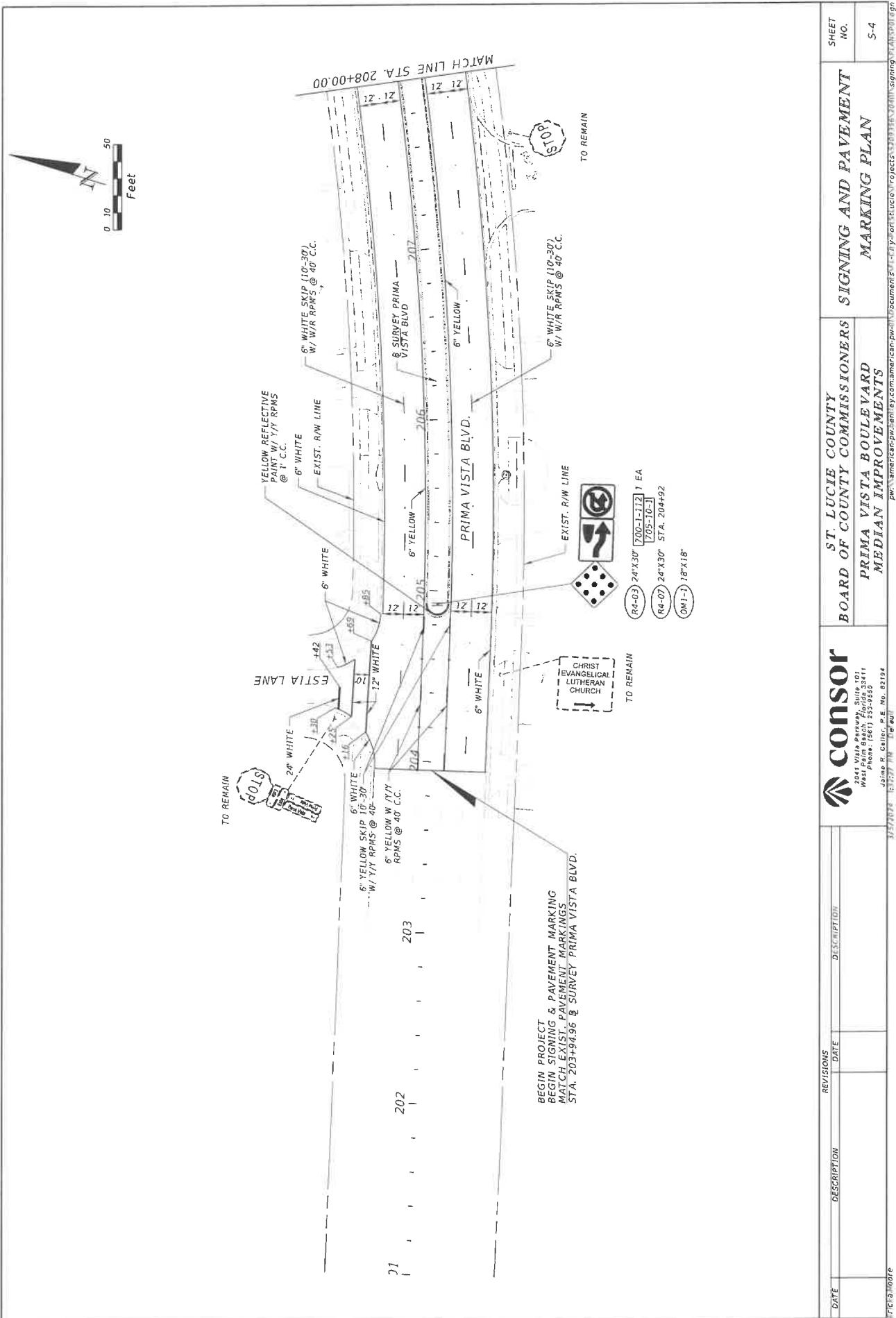
* THESE QUANTITIES ARE PAID FOR UNDER THE PAINTED PAVEMENT MARKINGS (FINAL SURFACE). LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

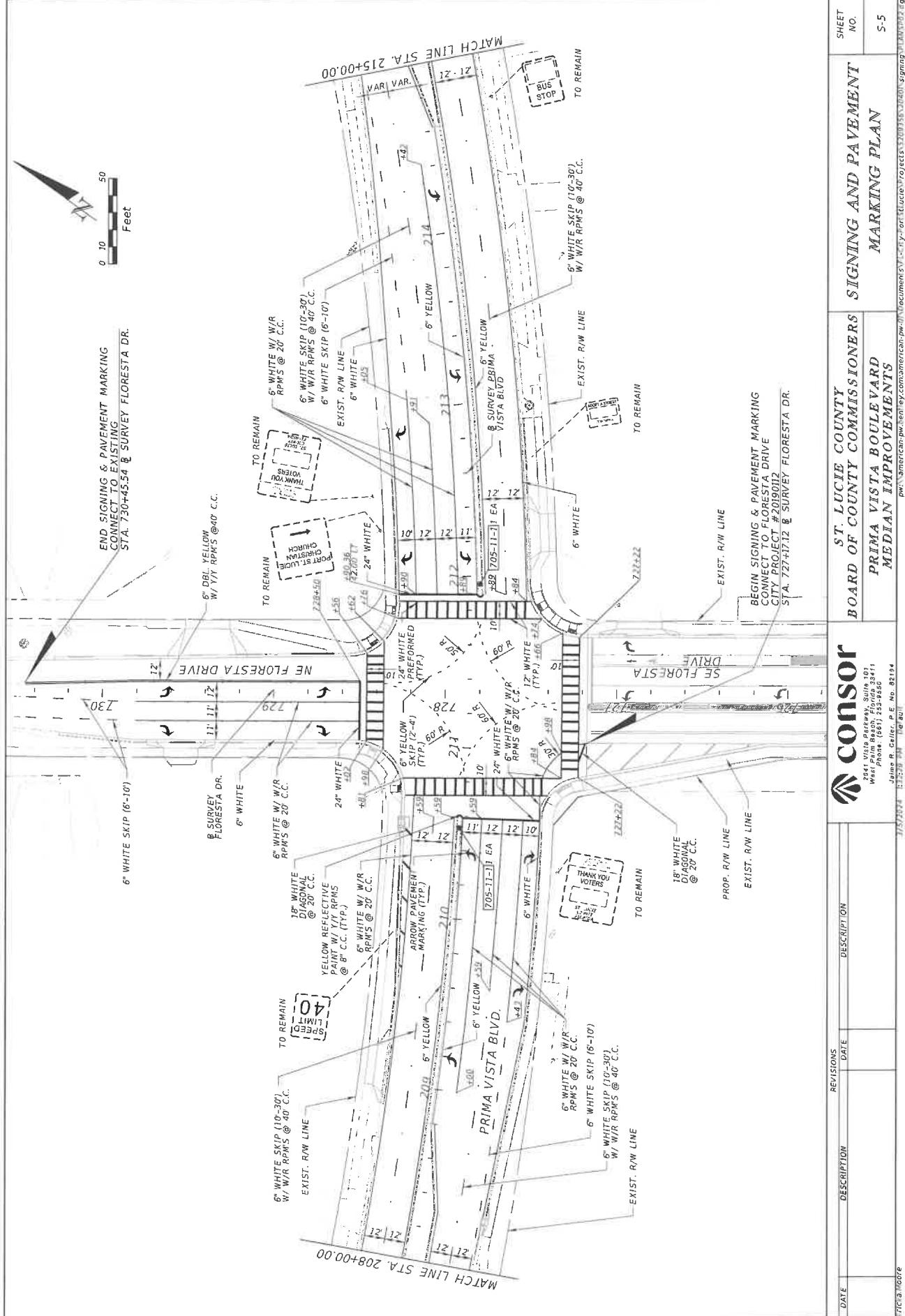
| | | | | | | | | |
|-----------|-------------|------|-----------|--|--|-----------------------|---|---|
| REVISIONS | DESCRIPTION | DATE | 2150 RPTN | CONSOR | ST. LUCIE COUNTY COMMISSIONERS | PRIMA VISTA BOULEVARD | MEDIAN IMPROVEMENTS | TABULATION OF QUANTITIES |
| | | | | 2011, Suite 101, West Palm Beach, Florida 33411 Phone (561) 252-9550 James R. Culler, P.E., No. 82194 | BOARD OF COUNTY COMMISSIONERS PROJECT #710-90 | SHEET NO. S-2 | PRINTED ON 11/22/2011 BY american-pav.com | PRINTED ON 11/22/2011 BY american-pav.com |

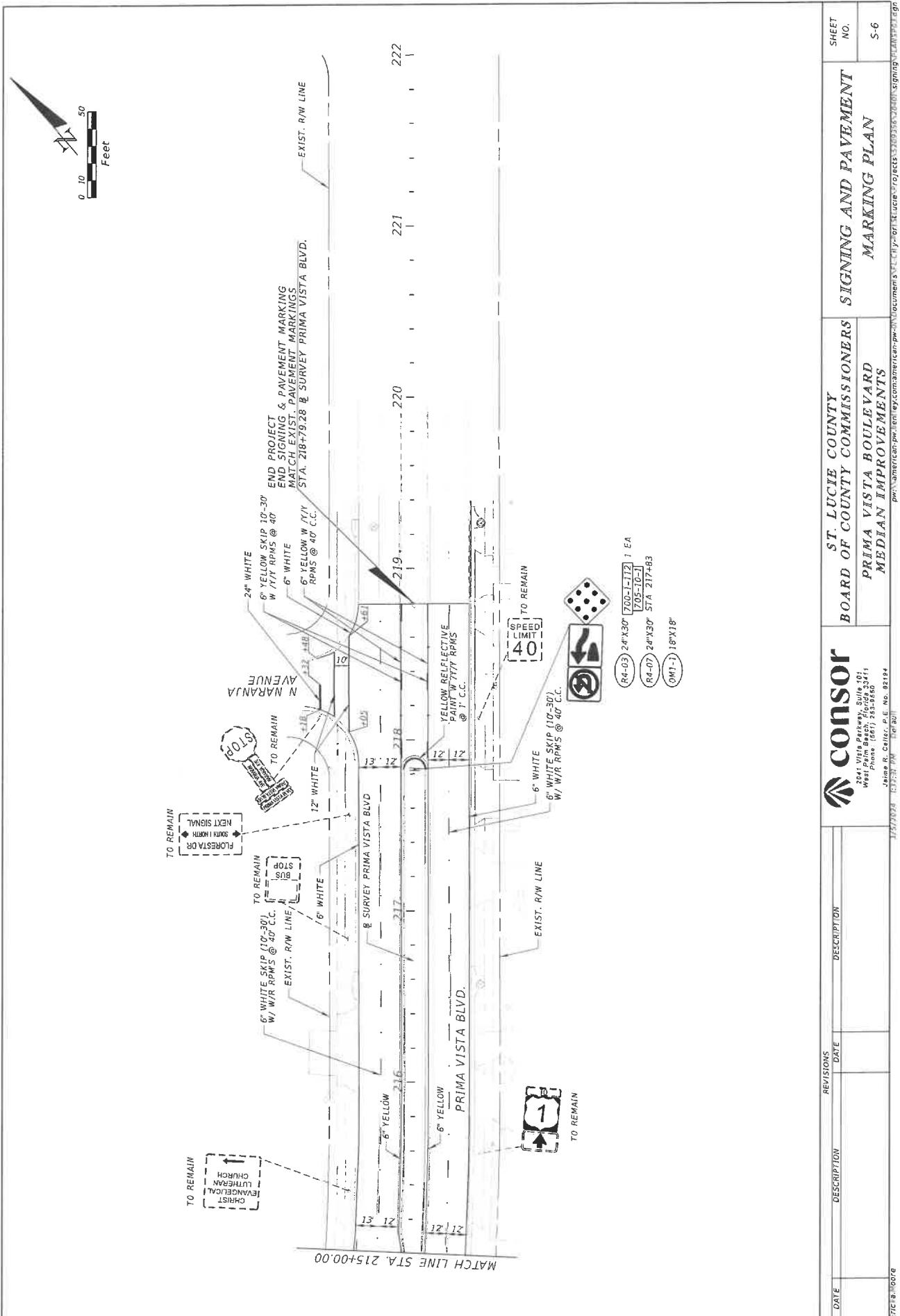
SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE TIME OF INSTALLATION.

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | ST. LUCIE COUNTY COMMISSIONERS | GENERAL NOTES | SHEET NO. |
|-----------|-------------|-----------|------|-------------|---|--|--|
| 1/15/2013 | 12:12:15 PM | Leavitt | | | CONSOR 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 James R. Coffey, P.E., No. 82144 | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | 5-3 http://american-paving.com/documents/FL-City-of-Palm-Bay-Signing-Plan-SP-13-01.pdf |







**BOARD OF COUNTY COMMISSIONERS
ST. LUCIE COUNTY, FLORIDA
ENGINEERING DIVISION**



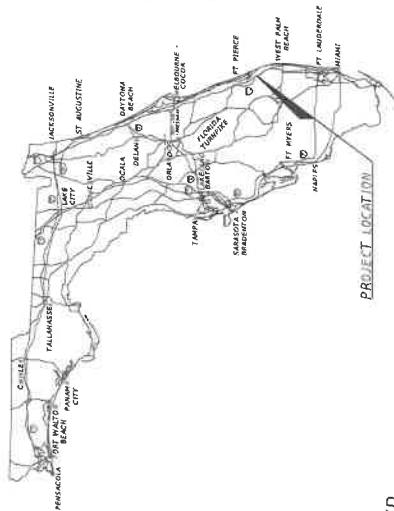
PROPOSED PLANS FOR
COUNTY PROJECT NO. 20401

**PRIMA VISTA BLVD. AND FLORESTA DRIVE
SIGNALIZATION PLANS**

INDEX OF SIGNALIZATION PLANS

| SHEET NO. | SHEET DESCRIPTION |
|------------|------------------------------|
| T-1 | KEY SHEET |
| T-2 | TABULATION OF QUANTITIES |
| T-3 TO T-6 | GENERAL NOTES |
| T-7 | SIGNALIZATION PLAN |
| T-8 | STANDARD MAST ARM TABULATION |
| T-9 | STANDARD MAST ARM DATA TABLE |
| T-10 | DESIGN WORKSHEET |

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



PRIMA VISTA BLVD.
AND FLORESTA DRIVE

PROJECT LOCATION

BOARD OF COUNTY COMMISSIONERS

DISTRICT 1
CHRIS ZABOOSKY
LINDA LEFT
JAMIE FOWLER
CATHERINE TOWNSEND
CATHY TOWNSEND
COUNTRY ADMINISTRATOR

COUNTY ADMINISTRATOR
GEORGE LANDRY
PATRICK DAYAN, P.E.
DAN ZHALACK, P.E.
ST. LUCIE COUNTY

PROJECT MANAGER

EDMUND BAS, P.E.

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY
Joseph W Capra 2024.05.06
ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

Joseph W. Capra, P.E. No. 37638
CAPTEC ENGINEERING, INC.
201 NW Flagler Ave,
Stuart, FL 34994
Phone: (772) 652-4344

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION

| | |
|----------------|--------------|
| FISCAL YEAR | SHEET NO. |
| 24 | T-1 |



TABULATION OF QUANTITIES

| P/N / ITEM NO. | DESCRIPTION | SHEET NUMBERS | | | | | | | | | | | | REF. SHT. |
|----------------|--|---------------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-----------|
| | | UNI | T-7 | PLAN | FINAL | |
| 100-1 | SUPPLY BUCKET TRUCK FOR COUNTY INSPECTION | EA | 1 | | | | | | | | | 1 | | |
| 630-2-11 | CONDUIT, F&I, OPEN FRENCH | LF | 200 | | | | | | | | | 200 | | |
| 630-2-12 | CONDUIT, F&I, DIRECTIONAL BORE | LF | 1120 | | | | | | | | | 1120 | | |
| 632-7-1 | SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION F&I | PI | 1 | | | | | | | | | 1 | | |
| 632-7-6 | SIGNAL CABLE, REMOVE - INTERSECTION | PI | 1 | | | | | | | | | 1 | | |
| 633-1-21 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 2x12 FIBERS | LF | 30 | | | | | | | | | 30 | | |
| 633-1-22 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 13x48 FIBERS | LF | 400 | | | | | | | | | 400 | | |
| 633-1-23 | FIBER OPTIC CABLE, F&I, UNDERGROUND, 49x96 FIBERS | LF | 30 | | | | | | | | | 30 | | |
| 633-2-31 | FIBER OPTIC CONNECTION, INSTALL, SPLICE TRAY | EA | 24 | | | | | | | | | 24 | | |
| 633-3-32 | FIBER OPTIC CONNECTION HARDWARE, F&I, PRE-TERMINATED CONNECTOR ASSEMBLY | EA | 1 | | | | | | | | | 1 | | |
| 633-3-33 | FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL - FIELD TERMINATED (24 CONNECTORS) | EA | 24 | | | | | | | | | 24 | | |
| 633-3-34 | FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL (24 CONNECTORS) | EA | 1 | | | | | | | | | 1 | | |
| 633-3-37 | SPAN WIRE ASSEMBLY, REMOVE - POLES REMAIN (INCLUDES SIGN, SIGNALS, ATTACHMENT) | PI | 1 | | | | | | | | | 1 | | |
| 634-4-60 | PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE | EA | 18 | | | | | | | | | 18 | | |
| 635-2-31 | PULL & SPLICE BOX, F&I, 24"X36" COVER SIZE | EA | 2 | | | | | | | | | 2 | | |
| 635-2-32 | PULL & SPLICE BOX, F&I, 24"X36" COVER SIZE | EA | 2 | | | | | | | | | 2 | | |
| 639-1-12 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 1 | | | | | | | | | 1 | | |
| 639-2-1 | ELECTRICAL SERVICE WIRE, F&I | LF | 300 | | | | | | | | | 300 | | |
| 639-3-31 | ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT | EA | 1 | | | | | | | | | 1 | | |
| 639-4-6 | HONDA EU3000IS GENERATOR | EA | 1 | | | | | | | | | 1 | | |
| 641-2-12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 1 | | | | | | | | | 1 | | |
| 641-2-80 | PRESTRESSED CONCRETE POLE, REMOVE, POLE 30' AND GREATER | EA | 1 | | | | | | | | | 1 | | |
| 646-1-11 | ALUMINUM SIGNAL POLES, PEDESTAL | EA | 3 | | | | | | | | | 3 | | |
| 646-1-60 | ALUMINUM SIGNAL POLES, (PEDESTAL AND PEDESTRIAN DETECTOR POST), REMOVE | EA | 1 | | | | | | | | | 1 | | |
| 649-21-6 | STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 50' | EA | 1 | | | | | | | | | 1 | | |
| 649-21-10 | STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 60' | EA | 2 | | | | | | | | | 2 | | |
| 649-21-15 | STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 70' | EA | 1 | | | | | | | | | 1 | | |
| 650-1-24 | VEHICULAR TRAFFIC SIGNAL - VIDEO, F&I, POLY W/ ALUMINUM TOP, 3 SECTION, 1 WAY | EA | 4 | | | | | | | | | 4 | | |
| 650-1-29 | VEHICULAR TRAFFIC SIGNAL - VIDEO, F&I, POLY W/ ALUMINUM TOP, 5 SECTION, 1 WAY | AS | 4 | | | | | | | | | 4 | | |
| 653-1-11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN 1 WAY | AS | 8 | | | | | | | | | 8 | | |
| 653-4-11 | VEHICLE DETECTION SYSTEM VIDEO, F&I, CABINET EQUIPMENT | EA | 1 | | | | | | | | | 1 | | |
| 660-4-12 | VEHICLE DETECTION SYSTEM VIDEO, F&I, ABOVE GROUND EQUIPMENT | EA | 4 | | | | | | | | | 4 | | |
| 665-1-11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 8 | | | | | | | | | 8 | | |
| 665-1-60 | PEDESTRIAN DETECTOR, REMOVE - POLE PEDESTAL TO REMAIN | EA | 6 | | | | | | | | | 6 | | |
| 670-5-111 | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION | AS | 1 | | | | | | | | | 1 | | |
| 670-5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 1 | | | | | | | | | 1 | | |
| 680-2-112 | SYSTEM CONTROL EQUIPMENT, F&I, CABINET EQUIPMENT | EA | 4 | | | | | | | | | 4 | | |
| 680-5-113 | SYSTEM CONTROL EQUIPMENT, F&I, ABOVE GROUND EQUIPMENT | EA | 4 | | | | | | | | | 4 | | |
| 682-1-113 | ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION | EA | 4 | | | | | | | | | 4 | | |
| 684-2-1 | MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL | EA | 1 | | | | | | | | | 1 | | |
| 685-1-14 | UNINTERRUPTIBLE POWER SUPPLY, F&I ONLINE/DUAL CONVERSION WITH CABINET | EA | 1 | | | | | | | | | 1 | | |
| 700-3-101 | SIGN PANEL, F&I GROUND MOUNT, UP TO 12 S.F. | EA | 8 | | | | | | | | | 8 | | |
| 700-5-22 | INTERNAL ILLUMINATED SIGN, F&I, OVERHEAD MOUNT, 12x16 SF | EA | 4 | | | | | | | | | 4 | | |
| 715-5-31 | FURNISH & INSTALL NEW LUMINARY BRACKET AND ARM ON NEW/EXISTING POLE | EA | 1 | | | | | | | | | 1 | | |



PRIMA VISTA BLVD.
TABULATION OF QUANTITIES

SHEET NO. T-2

Narr. R. Johnson

5/6/2021 3:27:39 PM

11/18/2018 2 - Projects at Prima Vista (SLC) DWG/QUAL/SLM/PM/BLDG/PDF-PC

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SECURED UNDER RULE 61G5-23.004, F.A.C.

ST LUCIE COUNTY – TRAFFIC SIGNAL GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING:
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTC); FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPECIFICATIONS) FY 2024-25; FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FY 2023-24; ALL SPECIFICATIONS THEREOF; NATIONAL ELECTRIC CODE; ST LUCIE COUNTY TRAFFIC SIGNAL SPECIFICATIONS; AND ANY OR ALL ST LUCIE COUNTY TRAFFIC ENGINEERING DIVISION REQUIREMENTS.
2. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNAL AND RELATED COMMUNICATIONS EQUIPMENT IS ST LUCIE COUNTY TRAFFIC ENGINEERING DIVISION (SLCTED) (772) 462-1932. ALL TRAFFIC SIGNAL AND RELATED COMMUNICATIONS EQUIPMENT WHEN USING PAY ITEM SERIES: 632, 634, 635, 660, 670, 684 AND 685 FOR THIS CONTRACT SHALL BE COMPATIBLE WITH SLCTD CENTRAL COMPUTER NETWORK SYSTEM, PRIOR TO ANY PURCHASE OF THE ABOVE PRODUCTS, ENSURE THEY HAVE BEEN APPROVED FOR SYSTEM COMPATIBILITY BY THE MAINTAINING AGENCY.
3. SLCTED SHALL BE NOTIFIED AT (772) 462-1932 AT LEAST TWO (2) FULL BUSINESS DAYS PRIOR TO ANY WORK BEING PERFORMED AT A SIGNALIZED LOCATION IN ORDER TO PROPERLY TRANSFER MAINTENANCE RESPONSIBILITIES.
4. THE CONTRACTOR SHALL DELIVER ALL REMOVED TRAFFIC SIGNAL EQUIPMENT, EXCEPT CONCRETE STRAIN POLES, TO SLIC ROAD AND BRIDGE LOCATED AT 3071 OLEANDER AVE, FT PIERCE FL 34982 (772) 462-1932. THE COST OF DELIVERY TO SLCTED SHALL BE INCLUDED IN THE REMOVAL OF THE RELATED SIGNAL PAY ITEM. THE CONTRACTOR SHALL CONTACT THE SLCTED SEVEN (7) FULL BUSINESS DAYS PRIOR TO THE DELIVERY OF ANY REMOVED EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR CONCRETE STRAIN POLE DISPOSAL AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL BE ADVISED THAT OTHER PROJECTS MAY BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS PROJECT AND THAT COORDINATION EFFORTS MAY BE NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE CONSTRUCTION SCHEDULE AND FOR THE AMOUNT OF COORDINATION REQUIRED. THE COST SHALL BE INCLUDED IN THE BID.
6. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND OTHER FEATURES AFFECTING HIS/HER WORK, PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY AND PRIOR TO ANY FURTHER RELATED WORK ACTIVITY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
7. THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE-CALL AT 1-800-432-4770 FOR LOCATIONS OF UTILITIES (WITHIN THE AREAS) OF CONSTRUCTION FOR THIS PROJECT A MINIMUM OF TWO (2) FULL BUSINESS DAYS PRIOR TO ANY DIGGING OR EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO CONTACT ANY UTILITY OWNER(S) THAT MY NOT BE A "SUNSHINE" MEMBER.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION AND PROTECTION, REPAIR AND/OR REPLACEMENT OF ALL UTILITIES THAT MAY BE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ANY REQUIRED UTILITY RELOCATIONS.
9. THE CONTRACTOR SHALL NOTIFY ALL INVOLVED UTILITIES TWO (2) FULL BUSINESS DAYS IN ADVANCE, BEFORE SETTING TRAFFIC SIGNAL POLES OR PERFORMING ANY DIGGING OR OTHER EXCAVATION WORK, SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROPRIATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR. KNOWN UTILITY COMPANIES INCLUDE:

| COMPANY | FACILITIES | TELEPHONE NUMBER |
|-----------------------|------------|------------------|
| AT&T | TELEPHONE | (877) 648-4734 |
| CITY GAS COMPANY | GAS | (877) 945-7091 |
| FLORIDA POWER & LIGHT | ELECTRIC | (772) 462-0535 |

| REVISIONS | DESCRIPTION | PRIMA VISTA BLVD. | GENERAL NOTES | SHEET NO. |
|-----------|----------------------------|---|--|-----------|
| Date: | St. Lucie County Utilities | PRIMA VISTA BLVD. ROAD NO. COUNTY PRIMA VISTA BLVD. St. Lucie County Napa Building 5457324-3373724 | P:\\BKG\\1882-2 - Prima Vista St. Lucie County Signal System.dwg | T-3 |

ST LUCIE COUNTY – TRAFFIC SIGNAL GENERAL NOTES

24. IN ACCORDANCE WITH FDOT STANDARDS & SPECIFICATIONS, THE CONTRACTOR SHALL PROVIDE THE ASSOCIATED TRAFFIC SIGNAL MANUFACTURER WARRANTIES FOR THE ASSOCIATED MATERIALS AND/OR EQUIPMENT PRIOR TO THE FINAL ACCEPTANCE OF THE TRAFFIC SIGNAL.

A. POWER SERVICE

1. POWER SERVICES SHALL FOLLOW THE LATEST FDOT STANDARD PLANS INDEX 639-002.
2. POWER SERVICES ARE TO BE 120/240 VAC WITH TRIPLEX SERVICE DROP WIRE.
3. FLORIDA POWER & LIGHT POWER SUPPLIED INSTALLATIONS REQUIRE A METER CAN.
4. MAST ARM POWER SERVICES SHALL BE MOUNTED ON A STUB POLE.
5. CONCRETE STRAIN POLE INSTALLATIONS SHALL HAVE THE POWER SERVICE MOUNTED ON THE STRAIN POLE.

B. TRAFFIC SIGNAL CONTROLLER

1. SHALL BE COMPATIBLE WITH ECONOLITE SYSTEM SOFTWARE.
2. SHALL HAVE INTERNAL TIME-BASED CAPABILITIES
3. SHALL HAVE INTERNAL RAILROAD PREEMPTION WITH IMMEDIATE RETURN TO COORDINATION.
4. SHALL HAVE A REMOVABLE EEPROM WITH DOWNLOAD AND UPLOAD CAPABILITIES.

C. TRAFFIC SIGNAL COMMUNICATIONS INTERCONNECT

VARIANCE TO COMMUNICATION INTERCONNECT DUE TO DESIGN CRITERIA WOULD REQUIRE PRIOR APPROVAL FROM ST LUCIE COUNTY.

1. TWO [2] 2" CONDUITS SHALL BE INSTALLED WITH ALL INTERCONNECT RUNS.
2. PULL BOXES CONTAINING INTERCONNECT ARE TO BE INSTALLED AT NO MORE THAN 1000 FOOT INTERVALS MARKED "FIBER OPTICS" (FDOT STANDARD PLANS INDEX 635-001).
3. FIBER OPTIC INTERCONNECT RUNS SHALL HAVE A SLACK/SPICE BOX AT ALL SIGNALIZED INTERSECTIONS MARKED "FIBER OPTICS" SLACK/SPICE BOXES SHALL CONTAIN A MINIMUM OF 100 FEET OF FIBER OPTIC CABLE SLACK (FDOT STANDARD PLANS INDEX 635-001) AND SHALL BE LOCATED AT NO MORE THAN 1/2-MILE INTERVALS.
4. FIBER OPTIC CABLE SHALL BE 96-FIBER SINGLE MODE, A #14 AWG (OR IEC-APPROVED ALTERNATIVE) TRACE WIRE SHALL BE INSTALLED WITH THE FIBER RUN.
5. THE CONNECTION FROM THE SLACK/SPICE BOX TO THE SIGNAL CABINET (FIBER TAIL) SHALL BE A 12-FIBER SINGLE MODE CABLE. FIBER IN THE CABINET SHALL BE TERMINATED IN A FIBER OPTIC TERMINAL PANEL.
6. IN THE CABINET, DATA CONVERSION WILL BE ACCOMPLISHED WITH RUGGEDCOM GIGABIT ETHERNET SWITCH OR APPROVED EQUIVALENT.
7. CONTRACTOR TO RECONNECT EXISTING ADAPTIVE SYSTEM PER C-1 THRU 6.

D. TRAFFIC SIGNAL MAST ARM

1. MAST ARMS SHALL FOLLOW THE LATEST FDOT STANDARD PLANS INDEXES 649-030 AND 649-031.
2. ALL MAST ARM POLES SHALL HAVE LED STREET LIGHTS 120-V 250-W
3. MAST ARM POLES ARE TO HAVE A TERMINAL COMPARTMENT IN PLACE OF A HOLE, PER FDOT STD PLANS 649-031.
4. MAST ARM MOUNTING HEIGHT (MEASUREMENT TO PER FDOT STD PLANS 649-031) SHALL BE 19-FEET FOR HORIZ AND 20-FEET FOR VERTICAL MOUNTED SIGNALS, IN THE ABSENCE OF GEOMETRIC ABNORMALITIES.
5. ALL MAST ARMS SHALL BE GALVANIZED STEEL.

E. TRAFFIC SIGNAL POLES & SPAN WIRE

1. POLES SHALL FOLLOW THE LATEST STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD INDEX NO. 17725.
2. STRAIN POLES SHALL HAVE LED LUMINAIRES, BARRING OBSTRUCTIONS OR DESIGN CRITERIA.

3. BOTH UPPER AND LOWER SPAN SHALL BE 7/16 INCH CABLE WIRE.
4. THE SIGNAL CABLE SHALL BE ATTACHED TO THE MESSENGER WIRE BY LASHING RODS.

F. TRAFFIC SIGNAL HEADS

1. TRAFFIC SIGNALS MOUNTED ON SPAN CABLE ARE TO BE LIGHTWEIGHT, (RED SECTION TO BE ALUMINUM AND ALL OTHER SECTIONS TO BE POLY PLASTIC), 12 INCH INDICATIONS.
2. TRAFFIC SIGNALS MOUNTED ON MAST SUPPORTS ARE TO BE ALL POLYCARBONATE 12-INCH INDICATIONS. THE STANDARD MOUNTING SHALL BE VERTICAL USING PELCO ASTRO BRAC OR SLC-APPROVED EQUIVALENT. SPAN MOUNT SIGNALS ARE TO BE MOUNTED VERTICAL, ALL VEHICLE SIGNAL HEADS ARE TO HAVE YELLOW RETRO-REFLECTIVE BACK PLATES.
3. TRAFFIC SIGNALS ARE TO BE SUPPLIED WITH ALL LED INDICATIONS, INCLUDING ALL ARROWS AND YELLOWS.
4. TRAFFIC SIGNALS ARE TO BE SUPPLIED WITH TUNNEL VISORS.
5. TRAFFIC SIGNALS AND ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO BACKPLATES SHALL BE MCCAIN.
6. PEDESTRIAN SIGNALS ARE TO BE COUNT DOWN PEDESTRIAL SIGNALS WITH INTERNATIONAL-STYLE HAND/MAN SYMBOLS) WITH FULL (NOT OUTLINE) LED INDICATIONS.

G. VIDEO DETECTORS

1. VIDEO DETECTION SYSTEM SHALL BE ECONOLITE LATEST TECHNOLOGY.

H. VIDEO SURVEILLANCE

1. VIDEO CAMERAS SHALL BE BOSCH PAN, TILT & ZOOM LATEST TECHNOLOGY OR SLC-APPROVED EQUIVALENT.
2. VIDEO SURVEILLANCE SYSTEM SHALL BE ECONOLITE LATEST TECHNOLOGY.

| REV/SILOS/5 | DATE | DESCRIPTION | PRIMA VISTA BLVD. | GENERAL NOTES |
|-------------|------|-----------------------|---|---------------------------------------|
| | | ST LUCIE COUNTY, FLA. | PRIMA VISTA BLVD. ROAD NO. COUNTY PRIMA VISTA BLVD. ST. LUCIE COUNTY | Next Edition 5/16/2024 12:27:43 PM |



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|--|
| 30 NW Flagler Ave Phone: (772) 832-4344 Joseph W. Capra, P.E., No. 37658 Engineering Business No. EB-20027657 |
|--|

| |
|-----------|
| SHEET NO. |
| 7-4 |

ST LUCIE COUNTY – TRAFFIC SIGNAL GENERAL NOTES

PAY ITEM NOTES

PAY ITEM NO. 630-1-24 AND 630-1-28
HEADS SHALL HAVE AN ALUMINUM TOP SECTION WITH ALL OTHER SECTIONS POLYCARBONATE BLACK IN COLOR. TUNNEL VISORS

SHALL BE FULL VISORS. SIGNAL DISPLAYS SHALL BE LED. THE CONTRACTOR SHALL CONTACT THE ST. LUCIE COUNTY TRAFFIC ENGINEERING DIVISION PRIOR TO ORDERING. THIS IS TO ENSURE THAT THEY MEET COUNTY STANDARDS AND ARE CONSISTENT WITH LED UNITS CURRENTLY IN SERVICE WITH THE COUNTY. ALL BACKPLATES SHALL BE ALUMINUM WITH YELLOW RETRO-REFLECTIVE SHEETING.

PAY ITEM NO. 101-1

INCLUDES ALL NECESSARY EQUIPMENT INCLUDING A TWO PERSON BUCKET TRUCK FOR USE BY THE ENGINEER OR COUNTY REPRESENTATIVE DURING INSPECTION OF TRAFFIC SIGNAL.

PAY ITEM NO. 102-1

INCLUDES ALL COSTS ASSOCIATED WITH FURNISHING, INSTALLING, MAINTAINING AND REMOVAL OF ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID FOR UNDER SEPARATE ITEMS.

PAY ITEM NO. 630-2-11

SHOULD BE INSTALLED PER SECTION 630 OF FDOT'S STANDARD SPECIFICATIONS. ALL CONDUITS SHALL ENTER PULL BOXES AS REQUIRED IN FOOT STANDARD PLANS 630-001.. ALL CONDUIT SHALL BE 2 INCH, SCHEDULE 40 PVC UNLESS SPECIFIED OTHERWISE IN THE PLANS OR SPECIFICATIONS.

PAY ITEM NO. 630-2-12

SHOULD CONSIST OF MULTIPLE 2 INCH SCHEDULE 40 PVC SLEEVES PER BORE, SEE SPECIFIC PLAN SHEETS FOR NUMBER REQUIRED FOR THE BORE. ALL DIRECTIONAL BORING SHALL BE DONE IN CONFORMANCE WITH FOOT UTILITY ACCOMMODATIONS MANUAL REQUIREMENTS.

PAY ITEM NO. 630-2-13

SHOULD BE INSTALLED PER FOOT STANDARD PLANS 630-001 AS APPLICABLE. THREE (3) SPARE CONDUCTORS PER SIGNAL CABLE ARE REQUIRED. SPARES SHALL BE REGROUND TO THE BUS GROUNDING FACILITY IN THE CONTROLLER CABINET. THE CONTRACTOR SHALL VERIFY COLOR CODES WITH ST. LUCIE COUNTY TRAFFIC ENGINEERING DIVISION FOR THE SIGNAL CONDUCTORS PRIOR TO ORDERING.

PAY ITEM NO. 630-2-14

SHOULD BE INSTALLED IN ACCORDANCE WITH FOOT STANDARD PLANS 630-001, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SIZE THE PULL BOXES SUCH THAT THEY WILL ALLOW PLACEMENT OF ALL CABLES INSIDE THE PULL BOXES WHILE MAINTAINING THE REQUIRED MINIMUM BENDING RADIUS ON THE CABLES AND NOT EXCEEDING THE MAXIMUM BENDING RADIUS OF THE CABLES. PULL BOX COVERS SHALL BE FOOT APPROVED FOR NON-METALLIC CONSTRUCTION WITH RECESSED COVER LOGO "TRAFFIC SIGNAL" OR "FIBER OPTIC" AS APPROPRIATE. PULL BOXES SHALL BE QUIETE AND PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, THE PULL BOXES SHALL BE PLACED A MINIMUM OF 7 FEET FROM THE EDGE OF PAVEMENT WITH PULL BOXES AND LIDS BEING TRAFFIC BEARING. PULL BOXES SHALL NOT BE PLACED IN PEDESTRIAN RAMPS.

PAY ITEM NO. 630-2-122

SHALL INCLUDE THE COST OF ALL LABOR, MATERIALS, AND PERMITS REQUIRED TO FURNISH AND INSTALL THE ASSEMBLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ALL AGENCIES REQUIRED FOR APPROVAL OF THE COMPLETED INSTALLATION. FOOT STANDARD PLANS 630-002 (AS APPLICABLE) SHALL APPLY.

PAY ITEM NO. 639-2-1

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING THE CONDUCTORS FOR THE POWER SERVICE.

PAY ITEM NO. 630-1-24 AND 630-1-28

HEADS SHALL HAVE AN ALUMINUM TOP SECTION WITH ALL OTHER SECTIONS POLYCARBONATE BLACK IN COLOR. TUNNEL VISORS SHALL BE FULL VISORS. SIGNAL DISPLAYS SHALL BE LED. THE CONTRACTOR SHALL CONTACT THE ST. LUCIE COUNTY TRAFFIC ENGINEERING DIVISION PRIOR TO ORDERING. THIS IS TO ENSURE THAT THEY MEET COUNTY STANDARDS AND ARE CONSISTENT WITH LED UNITS CURRENTLY IN SERVICE WITH THE COUNTY. ALL BACKPLATES SHALL BE ALUMINUM WITH YELLOW RETRO-REFLECTIVE SHEETING.

PAY ITEM NO. 630-4-11 AND 660-4-12

SHOULD CONSIST OF FOUR (4) VEHICLE DETECTOR ASSEMBLIES (VIDEO TYPE), ECONOLITE VIDEO DETECTION, LATEST TECHNOLOGY. A COMPLETE VIDEO DETECTION INSTALLATION CONSISTENT WITH ST. LUCIE COUNTY STANDARDS FOR ALL APPROACHES OF THE INTERSECTION IS REQUIRED. THE EQUIPMENT SHALL BE VIDEO DETECTION UNITS CAPABLE OF INTERFACE WITH THE TRAFFIC SIGNAL CONTROLLER UNIT AND SHALL INCLUDE THE COST OF MOUNTING ARMS TO EXTEND CAMERA TO A POSITION OVER THE ROADWAY. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH THE SUPPLIER AND ST. LUCIE COUNTY TRAFFIC ENGINEERING DIVISION TO ENSURE RELIABLE OPERATION. CAMERA LOCATIONS MAY REQUIRE ADJUSTMENT IN THE FIELD. CONTACT ST. LUCIE COUNTY TRAFFIC DIVISION, RICHARD MARINO AT (772) 462-2874 BEFORE ORDERING.

PAY ITEM NO. 670-5-111

THE CONTRACTOR SHALL COORDINATE WITH THE ST. LUCIE COUNTY TRAFFIC DIVISION PRIOR TO ORDERING ANY CONTROLLER RELATED EQUIPMENT.
ALL TRAFFIC SIGNAL EQUIPMENT MUST BE CONSISTENT WITH ST. LUCIE COUNTY TRAFFIC DIVISION STANDARDS. CONTRACTOR SHALL COORDINATE WITH THE ST. LUCIE COUNTY TRAFFIC DIVISION TO CONFIRM THAT EQUIPMENT STANDARDS HAVE NOT CHANGED SINCE THE TIME OF PUBLICATION OF THESE PLANS.

R E V I S I O N S

D E S C R I P T I O N

R O A D N O .

C O U N T Y

N o t e s

GENERAL NOTES

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | <p style="text-align: center;">GENERAL NOTES</p> <p style="text-align: right;">P-1500/162-2 - Rev. 04/ Prima Vista SLCDWGS/ SIGNAL SIGNALS Dwg. 5/6/2024 3:27:43 PM DWG To PDF pcr</p> <p style="text-align: right;">SHEET NO. T-5</p> |

ST LUCIE COUNTY – TRAFFIC SIGNAL GENERAL NOTES

CONTROLLER ASSEMBLY:

- a. Econolite V-TS2-T1 "Plug-n-Go" Traffic Cabinet Assembly, Size 7 Cabinet (7'2" Hx4'4"Wx2'4"D) with (3) three Shelves 16 phase (4 ped and 4 0/L)
- b. Integrated Drawer/Computer Shelf
- c. Econolite Cobalt TS2, Type 2 (With ABC Connectors) Controller and Data Key
- d. SPLIC Communication Panel
- e. Malfunction Management Unit_ Econolite (an) EDI MMU2-16LEIP
- f. Configuration #4, 16 Load Bay main panel (SOP10) (Phase 1-8, overlaps A, B,C,D and Ped 2,4,6,8)
- g. Configuration #2, 16 Detector Back
- h. Temple Glance TSP/EVP 500-006 Cabinet Equipment APL Number 663-001-011G TIMM 50 Preemption/Priority FMU12 4G Video with 4 port switch Conn/Svc/Supp Plan CAT 4 Video
- i. Preemption Panel/Relay required
- j. Vision Comm Manager, ACP Primary Model AVCM
- l. A/Scope Vision Package to include the Following Items: 4 Vision Cameras, 4 Short Mast +Arm Brackets and 1000ft continuous Video cable, no splices
- m. All relays in cabinet shall be socket mounted
- n. Generator Transfer Switch built into cabinet
- o. Econolite Tech Power APL #665-002-012

GENERATOR:

- a. Honda EU3000iS Generator
- SCHOOL ZONE FLASHERS:
- a. TCS Signal cabinets w/ cellular connectivity

MAST ARMS:

- a. All Mast Arms shall be Galvanized. The cost of all subsurface analysis and structural engineering to ensure the proper design and sizing of the mast arms and mast arm foundation shall be the responsibility of the CONTRACTOR and shall be included in the unit price for each mast arm assembly. All certified reports and design criteria shall be submitted for the Owner's records.
- b. The CONTRACTOR will be issued a purchase order for mast arms prior to the beginning of a project due to the excessive lead-time associated with this product. The CONTRACTOR will not be reimbursed for the storage of these mast arms prior to their installation. The costs for storage will be included in the bid items for mast arms.
- c. The CONTRACTOR is required to order mast arms within ten (10) days of receipt of purchase order unless otherwise directed by the COUNTY.

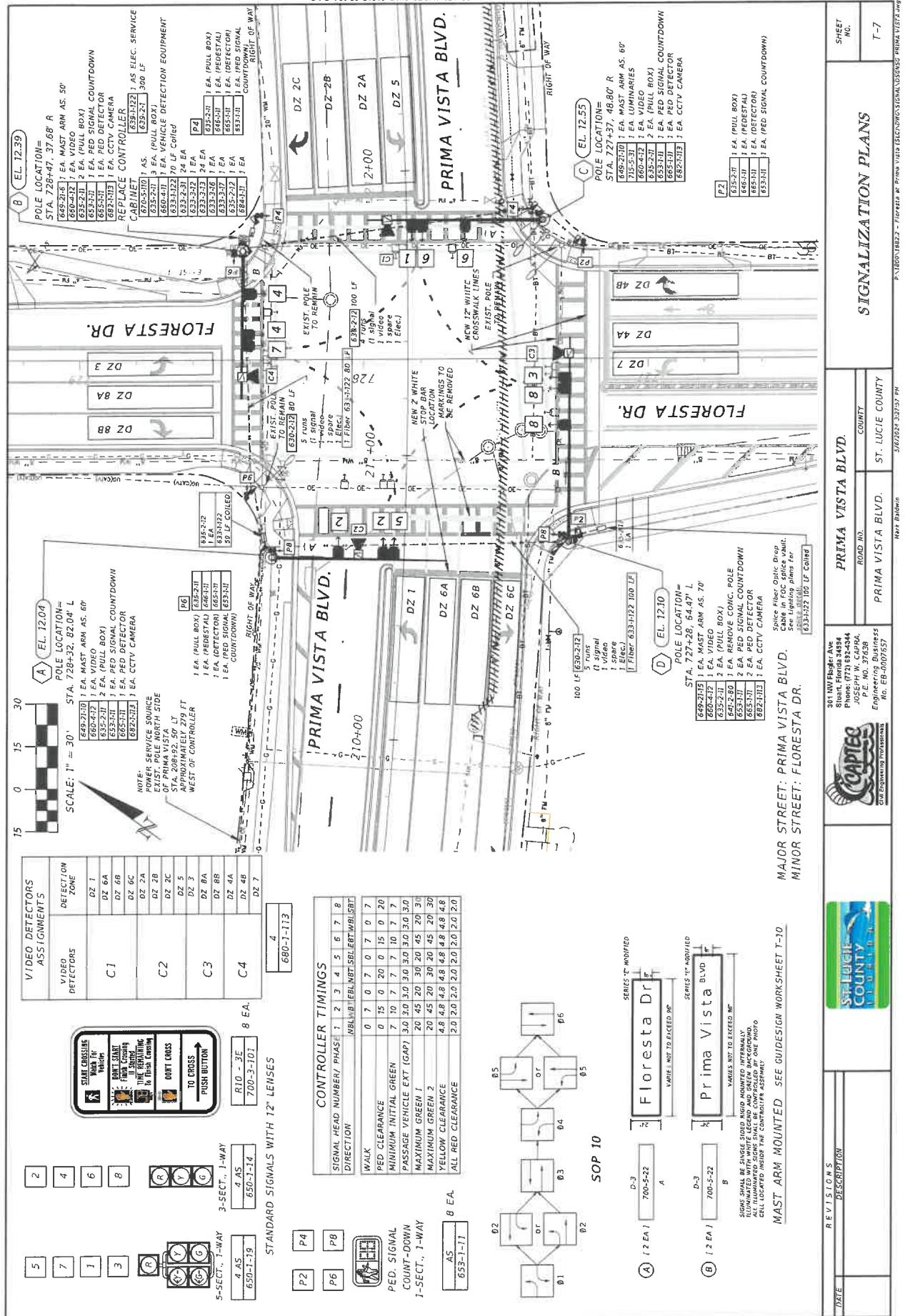
| Item # | Part | Qty | Description |
|---|----------------|-----|---|
| Uninterruptible Power Supply - UPS | | | |
| 1 | DBLMMX1000U-36 | 1 | UPS; TRAFFIC; 1000 WATT DOUBLE CONVERSION LED 36 VDC 120 VAC BYPASS SWITCH; SINGLE SOURCE INPUT |
| 2 | HSU-1500 | 1 | BATTERY, 12V, 45AH, 6.54AH X 7.79L X 6.73H |
| 3 | 1090-008 | 3 | BATTERY, 12V, 45AH, 6.54AH X 7.79L X 6.73H |
| 4 | CAB45310P1 | 1 | AUX UPS CABINET, 35 X 20 X 16 IN/OUT BARE |

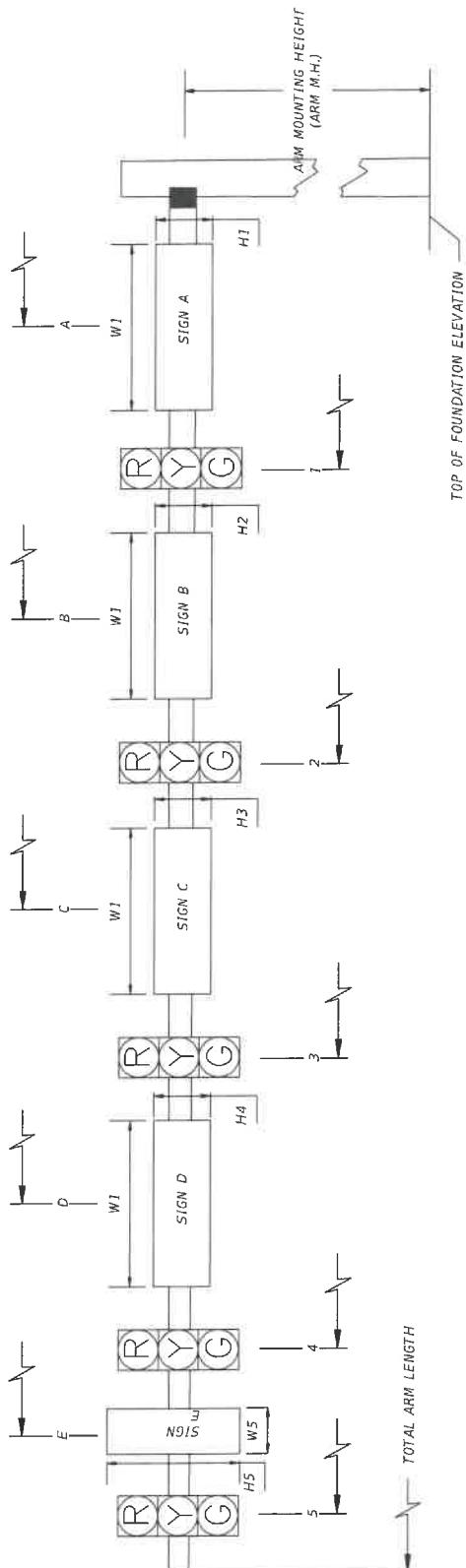
NOTE:
THE EXISTING SYSTEM HAS AN ADAPTIVE CONTROL DETECTION SYSTEM - LOCATED ALONG PRIMA VISTA FROM US 10 TO FLORESTA TO AROSO SIGNALS. THE CONTRACTOR WILL INSTALL NEW COMPONENTS IN THIS FLORESTA / PRIMA VISTA SIGNAL AS PER THE SLC PUBLIC WORKS SIGNAL DEPTS. CRITERIA. ALL COMPONENTS SHALL BE PROVIDED, INSTALLED, TESTED AND FULLY OPERATIONAL PRIOR TO PROJECT COMPLETION. THE COST OF THIS WORK WILL BE INCLUDED IN THE PAY ITEM NOS 886-1-112 AND 886-1-113.

PAN, TILT & ZOOM (PTZ) CAMERA:

- a. Econolite WiFi-viper H.264 HD30L - required at intersections
- VEHICLE DETECTION SYSTEM:
- a. Econolite Autoscope Vision

| DATE | REVISIONS Description | PRIMA VISTA BLVD. | | GENERAL NOTES |
|------|--------------------------|--------------------------------------|----------------------------------|--|
| | | ROAD NO. | COUNTY | |
| | | PRIMA VISTA BLVD. No. EIR-0027657 | ST. LUCIE COUNTY Mark Baldwin |  301 NW Flagler Ave. Port St. Lucie, FL 34984 Phone: (772) 489-4444 Joseph W. Capra, P.E. No. 37538 Engineering Business Manager |





*DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

V-DENOTES VERTICAL

| ID NO. | SHEET NO. | LOCATION BY STATION | TOP OF FOUNDATION ELEVATION | ROWY ARM NO. | CROWN ELEV. V/H | BACK PLATES Y/N | PED. SIGNAL Y/N | DISTANCE FROM POLE | | | | | ANGLE BETWEEN DUAL ARMS 90/270 | | | | | PAINT COLOR | | | | | | | | | | | |
|-----------|--------------|------------------------|-----------------------------------|--------------------|-----------------------|-----------------------|-----------------------|--------------------|---|-----|---|---|--------------------------------------|---|---|-----|-------|----------------|-----|-----|----|----|---|----|----|---|----|----|---|
| | | | | | | | | 1 | * | 2 | * | 3 | * | 4 | * | 5 | A | H1 | W1 | B | H2 | W2 | C | H3 | W3 | D | H4 | W4 | E |
| A | T 4 | 728+39 | 12.04 | 1 | 12.08 | V | Y | 22' | 3 | 42' | 5 | | | | | 60' | 20.9' | | 13' | 20" | V | | | | | | | | |
| B | T 4 | 728+43 | 12.39 | 1 | 11.74 | V | Y | 13' | 3 | 30' | 5 | | | | | 50' | 20.4' | | 6' | 20" | V | | | | | | | | |
| C | T 4 | 727+37 | 12.55 | 1 | 11.99 | V | Y | 27' | 3 | 43' | 5 | | | | | 60' | 20.3' | | 17' | 20" | V | | | | | | | | |
| D | T 4 | 727+28 | 12.10 | 1 | 12.08 | V | Y | 40' | 3 | 55' | 5 | | | | | 70' | 20' | | 23' | 20" | V | | | | | | | | |

| REVISIONS | | PRIMA VISTA BLVD. | | STANDARD MAST ARM TABULATION | |
|---------------------|--|-------------------|-------------------|------------------------------|-----------|
| DATE | DESCRIPTION | Road No. | County | St. Lucie County | Sheet No. |
| 5/6/2024 3:28:29 PM | Copies Engineering Services St. Lucie County | PRIMA VISTA BLVD. | PRIMA VISTA BLVD. | Nate Barbour | T-8 |

TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | SHEET NUMBERS | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | |
|--------------------|---|---------------|--------------|-------------|--------------|-------------|--------------|---------------------|-------|----------------|-------|
| | | L-6 PLAN | L-6 FINAL | L-7 PLAN | L-7 FINAL | L-8 PLAN | L-8 FINAL | PLAN | FINAL | PLAN | FINAL |
| 0630 2 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | UN/T | | | | | | | | | |
| 0630 2 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 37 | 460 | | | | 497 | | 497 | |
| 0635 2 11 | PULL & SPLIC BOX, F&I, 13" x 24" COVER SIZE | LF | 402 | | 244 | | 418 | | 1064 | | 1064 |
| 0639 1 22 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | EA | 5 | | 14 | | 5 | | 24 | | 24 |
| 0639 2 7 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | AS | | | | j | | j | | j | |
| 0641 2 11 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 PEDESTAL | LF | | | 33 | | | | 33 | | 33 |
| 0715 7 12 | LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6 | EA | | | 2 | | | | 2 | | 2 |
| 0715 6 111 | LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH | LF | 1581 | | 3868 | | 1542 | | 6391 | | 6391 |
| 0715 6 111 | LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH | EA | 2 | | 2 | | 3 | | 7 | | 7 |
| 0715 7 11 | LOAD CENTER, F&I, SECONDARY VOLTAGE | EA | | | | | 2 | | 2 | | 2 |
| 0715 500 1 | POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL | EA | | | | | 1 | | 1 | | 1 |
| 0715 511 25SP | LIGHT POLE COMPLETE, SPECIAL DESIGN, SPECIAL FOUNDATION F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 25' | EA | | | 2 | | 5 | | 10 | | 10 |

ITEM 0639 2 1 SHALL INCLUDE 3-#2 AWG CONDUCTORS.
ITEMS 0715 511 125 INCLUDE UTILITY CONDUCTOR ROLLS AS IDENTIFIED IN QMAMS AND TO BE DESIGNED BY CONTRACTOR



**ST. LUCIE COUNTY
BOARD OF COUNTY COMMISSIONERS**
**PRIMA VISTA BOULEVARD
MEDIAN IMPROVEMENTS**

STABULATION OF QUANTITIES

C:\DW\WCR\america\dw-1995\1995\ABU\110800

| TABULATION OF QUANTITIES | | | | SHEET NO. |
|--------------------------|---|-----------|------|---|
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
| 10/10/01 | conson | | | ST. LUCIE COUNTY BOARD OF COUNTY COMMISSIONERS |
| | 2001 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 233-5560 Gordon D. Zelcman, C.E. No. 33770 | | | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS |

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE ST. LUCIE COUNTY & CITY OF PORT ST. LUCIE PUBLIC WORKS DEPT, TWO (2) FULL BUSINESS DAYS IN ADVANCE OF ANY WORK TO BE CARRIED OUT AT ANY LIGHTING FACILITY. T72-871-SFT
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MOST RECENT VERSION OF FDOT STANDARD PLANS UNLESS OTHERWISE SPECIFIED IN THE CITY APPROVED DESIGN OR THESE GENERAL NOTES.
3. CONDUCTOR AND/OR CABLE SHALL BE HOUSED IN 2" SCHEDULE 40 CONDUIT AS SHOWN ON APPROVED PLAN SHEETS. PROVIDE ONE SPARE CONDUIT FOR EACH CONDUIT RUN AND ROADWAY CROSSING. EACH SPARE CONDUIT SHALL BE SUPPLIED WITH PULL STRING.
4. CONTRACTOR SHALL STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND MARK UNDERGROUND FACILITIES PRIOR TO EXCAVATION.

PAY ITEM FOOTNOTES

1. ITEM 065-2-112 ROADSIDE PULL BOX COVERS SHALL BE MARKED "STREET LIGHTING", PLACED FLUSH TO GRADE.
2. ALL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, AND SPACERS ONE (1) INCH IN DIAMETER SHALL BE SUBMITTED WITH DRAWINGS.
3. CONDUCTOR AND/OR CABLE SHALL BE HOUSED IN 2" SCHEDULE 40 CONDUIT AS SHOWN ON APPROVED PLAN SHEETS. PROVIDE ONE SPARE CONDUIT FOR EACH CONDUIT RUN AND ROADWAY CROSSING. EACH SPARE CONDUIT SHALL BE SUPPLIED WITH PULL STRING.
4. CONTRACTOR SHALL STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND MARK UNDERGROUND FACILITIES PRIOR TO EXCAVATION.
5. POLES, LUMINAIRES AND BASES SHALL BE FABRICATED IN ACCORDANCE WITH AASHO'S STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, AND SHALL HAVE BEEN TESTED BY FHWA APPROVED METHODS. CERTIFICATION FOR TESTS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.
6. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET THE MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOUND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN THE MANUFACTURER'S REQUIREMENTS.
7. ALL ELECTRICAL WORK SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE, AND ROAD AND BRIDGE CONSTRUCTION, ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER NEC REQUIREMENTS.
8. IN LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO LIGHTING POLES OR CONDUIT RUNS, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL HAND DIG THE FIRST 4' OF THE HOLE FOUNDATION AND CONDUIT RUN, ANY LIGHT POLE ADJUSTMENTS SHALL BE COORDINATED WITH COR FOR APPROVAL.
9. HARD HOLE COVERS FOR POLES AND TRANSFORMER BASES SHALL BE LOCATED OPPOSITE APPROACHING TRAFFIC.
10. THE WIRES AT THE POLE, HAND HOLES AND PULL BOXES SHALL BE IN THE POLE AND PULL BOXES WITH SUFFICIENT LENGTH TO COMPLETELY REMOVE CONNECTORS AND SPICES ONE (1) FOOT OUTSIDE THE HAND HOLE, AND PULL BOXES TO MAKE CONNECTIONS AND SPICES ACCESSIBLE FOR CHANGING FUSES AND TROUBLESHOOTING THE SYSTEM.
11. ALL CONDUCTOR AND/OR WIRE CONNECTIONS SHALL BE BUTT SPLICED AND WATERPROOF. WIRE NUTS WILL NOT BE ACCEPTED.
12. EACH POLE SHALL BE EQUIPPED WITH AN ACCESSIBLE FUSE AND FUSE HOLDER WITH PROTECTIVE BOOTS.
13. EACH POLE SHALL BE EQUIPPED WITH A LIGHTING SURGEPROTECTOR THAT IS PROPERLY GROUNDED.
14. A PULL BOX SHALL BE INSTALLED AT EACH POLE LOCATION. PULL BOX SHOULD BE LOCATED 2' MAX FROM POLE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. EACH PULL BOX SHALL BE SUPPLIED WITH A GROUNDING ROD AND EACH POLE SHALL BE PROPERLY GROUNDED.
15. ALL STREET LIGHTING AND PEDESTRIAN LIGHTING PULL BOXES SHALL BE ARMORCAST PRODUCTS COMPANY #4609467APX12 POLYMER CONCRETE BOX WITH NON-METALLIC LID AND NON-SKID SURFACE. LID MUST BE STAMPED "STREET LIGHTING". BOX DIMENSIONS ARE 1SW 5' 24L X 12H, 20W WITH OPEN BOTTOM LID MUST BE FASTENED TO BOX.
16. INSTALLATION OF PULL BOXES WITHIN THE SIDEWALK SHOULD BE AVOIDED WHENEVER POSSIBLE, BUT IF NECESSARY, SHALL BE APPROVED BY ST. LUCIE COUNTY PUBLIC WORKS PRIOR TO WORK BEING CONDUCTED AND SHALL BE FLUSH WITH SIDEWALK. PULL BOXES SHALL NEVER BE PLACED WITHIN SIDEWALK RAMPS OR ROADWAY.
17. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND ALL EXISTING UTILITIES, INCLUDING OVERHEAD POWER LINES.
18. LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO EXCAVATION.
19. CONTACT SUNSHINE ONE CALL OF FLORIDA AT 811 OR SUNSHINE811.COM AT LEAST TWO (2) FULL BUSINESS DAYS BEFORE DIGGING.
20. THE LIGHTING SYSTEM WILL BE MAINTAINED BY THE COUNTY ONLY AFTER FINAL ACCEPTANCE.
21. ALL LIGHTING PLANS, SUBMITTAL DATA, AND LIGHTING SHOP DRAWINGS SHALL BE APPROVED BY ST. LUCIE COUNTY PUBLIC WORKS PRIOR TO THEIR USE. NO CHANGES TO THE APPROVED LIGHTING PLAN, EQUIPMENT SPECIFICATIONS OR INSTALLATION DETAILS SHALL BE MADE WITHOUT PRIOR APPROVAL BY ST. LUCIE COUNTY PUBLIC WORKS.

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

| DATE | DESCRIPTION | REVISIONS | BOARD OF COUNTY COMMISSIONERS | GENERAL NOTES | SHEET NO. |
|-----------|-------------|-----------|--|--|--|
| 1/17/2018 | CONSOR | | ST. LUCIE COUNTY PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | ROADWAY LIGHTING (PRIMA VISTA BLVD.) AVERAGE MAINTAINED ILLUMINANCE 1.4 FOOT CANDLE MEDIUM AREA CLASSIFICATION - LOCAL - RESIDENTIAL - R3 ASPHALT ROADWAY SURFACE (TABLE 3-1J) AVERAGE MINIMUM RATIO 6:1 OR LESS WIND SPEED 150 MPH UNIFORMITY RATIO AVG/NIN. 6:1 OR LESS ROADWAY LIGHTING (PRIMA VISTA BLVD.) AVERAGE MAINTAINED ILLUMINANCE 0.4 FOOT CANDLES WIND SPEED 150 MPH ** LIGHTING DESIGN CRITERIA BASED ON AASHTO ROADWAY LIGHTING DESIGN GUIDE TABLE 3-5a, *** SOURCE: NCHRP REPORT 672. EXHIBIT B-1 (RECOMMENDED ILLUMINANCE VALUES FOR ROUNDABOUTS) | L-3 C:\DWG\WKF\American Public Works Association\St. Lucie County\Prima Vista Blvd\Prima Vista Blvd.dwg |

FDOT POLE DATA

| POLE NO. | CIRCUIT | STATION | DIST. OR ARM | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK | PAY ITEM | FOUNDATION |
|----------|---------|-------------------------|--------------|-------------------|-----------------|-------------------|------------|---------------|
| 1 | A-1 | 203+69.74 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 2 | A-1 | 203+28.33 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 3 | A-1 | 203+46.54 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 4 | A-1 | 204+08.42 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-62-III | SPREAD FOOTER |
| 5 | A-1 | 204+92.52 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-62-III | SPREAD FOOTER |
| 7 | A-2 | 212+56.72 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 8 | A-2 | 215+33.77 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 9 | A-2 | 217+38.16 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |
| 10 | A-2 | 219+44.81 € PRIMA VISTA | 8' | 60 | 30'-0" | PLACE AT R/W LINE | 715-61-III | STANDARD |

FDOT UTILITY CONFLICT POLE DATA

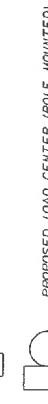
| POLE NO. | CIRCUIT | STATION | DIST. OR ARM | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK | PAY ITEM | FOUNDATION |
|----------|---------|-------------------------|--------------|-------------------|-----------------|-------------------|-------------|---------------|
| 6 | A-2 | 212+45.31 € PRIMA VISTA | 6' | 60 | 25'-0" | PLACE AT R/W LINE | 715-51-22SP | SPREAD FOOTER |

NOTES:

II 715-51-225 UTILITY CONFLICT POLE TO BE DESIGNED BY CONTRACTOR.

LEGENDDESCRIPTIONSYMBOLS

- SIZE 2" SCHEDULE 40 P.V.C. CONDUIT WITH CONDUCTORS INSIDE CONDUIT. SIZE AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
- SIZE 2" SCHEDULE 40 P.V.C. HOSE CONDUIT WITH SPARE, DIRECTIONAL DRILLED AT ROADWAY CROSSINGS WITH CONDUCTORS INSIDE CONDUIT. SIZE AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.



PROPOSED LOAD CENTER (POLE MOUNTED).

PROPOSED UTILITY CONFLICT POLE, FOOT ALUMINUM POLE, 25' MOUNTING HEIGHT LED LUMINAIRE 60 WATTS (8,067 LUMENS) TYPE II, MEDIUM, AMERICAN ELECTRIC LIGHTING ATBS-P30-4WOLT-R2-4K-NR.

PROPOSED STANDARD FOOT POLE, 30' MOUNTING HEIGHT LED LUMINAIRE 60 WATTS (8,067 LUMENS) TYPE II, MEDIUM, AMERICAN ELECTRIC LIGHTING ATBS-P30-4WOLT-R2-4K-NR.

PROPOSED STANDARD FOOT POLE, 30' MOUNTING HEIGHT LED LUMINAIRE 108 WATTS (15,452 LUMENS) TYPE IV, SHORT, AMERICAN ELECTRIC LIGHTING ATBN-P30-4WOLT-R3-4K-NR.

NOTES:
II CONDUIT, PULL BOXES, LOAD CENTERS AND POLE FOUNDATIONS SHALL BE PLACED INSIDE OF RIGHT-OF-WAY.

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION | BOARD OF COUNTY COMMISSIONERS | POLE DATA AND LEGEND | SHEET NO. |
|----------|-------------|-----------|------|-------------|--|----------------------|--|
| 3/4/2013 | CONSOR | | | | ST. LUCIE COUNTY COMMISSIONERS PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | | L-4 C:\PW\work\american-pw\2013\ms1576\20130304\101010\101010.dwg Default |

FPL POLE DATA

| POLE NO. | STATION | DIST. OR ARM | LUMINAIRE MOUNTING HEIGHT | WATTAGE |
|----------|-----------|--------------|---------------------------|---------|
| 12 | 206+64.21 | 6' | 93 (LED) | 25'-0" |
| 13 | 206+65.36 | 6' | 59 (LED) | 25'-0" |
| 15 | 208+83.62 | 6' | 59 (LED) | 25'-0" |
| 18 | 213+63.59 | 6' | 93 (LED) | 25'-0" |
| 19 | 215+93.59 | 6' | 93 (LED) | 25'-0" |

LED LUMINAIRE(S) TO BE INSTALLED BY FPL

FPL POLE DATA

| POLE NO. | STATION | DIST. OR ARM | LUMINAIRE MOUNTING HEIGHT | WATTAGE |
|----------|-----------|--------------|---------------------------|---------|
| 11 | 204+72.90 | 6' | 59 (LED) | 25'-0" |
| 14 | 203+91.59 | 6' | 59 (LED) | 25'-0" |
| 16 | 210+87.80 | 6' | 93 (LED) | 25'-0" |
| 17 | 213+79.06 | 6' | 59 (LED) | 25'-0" |
| 20 | 218+92.87 | 6' | 59 (LED) | 25'-0" |

REPLACE HPS LUMINAIRE WITH LED TO BE INSTALLED BY FPL

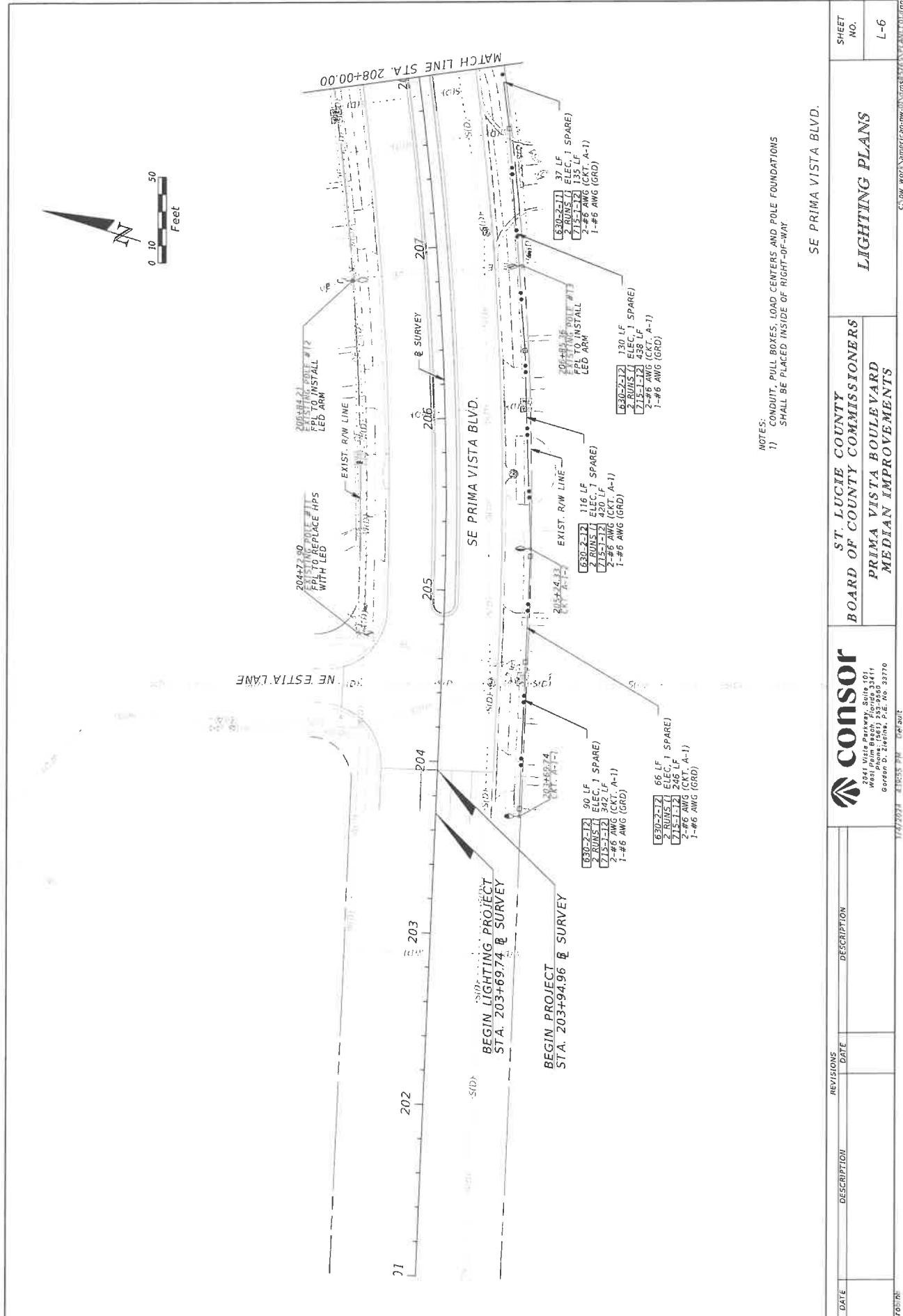
LEGEND (FPL POLES ONLY)DESCRIPTION

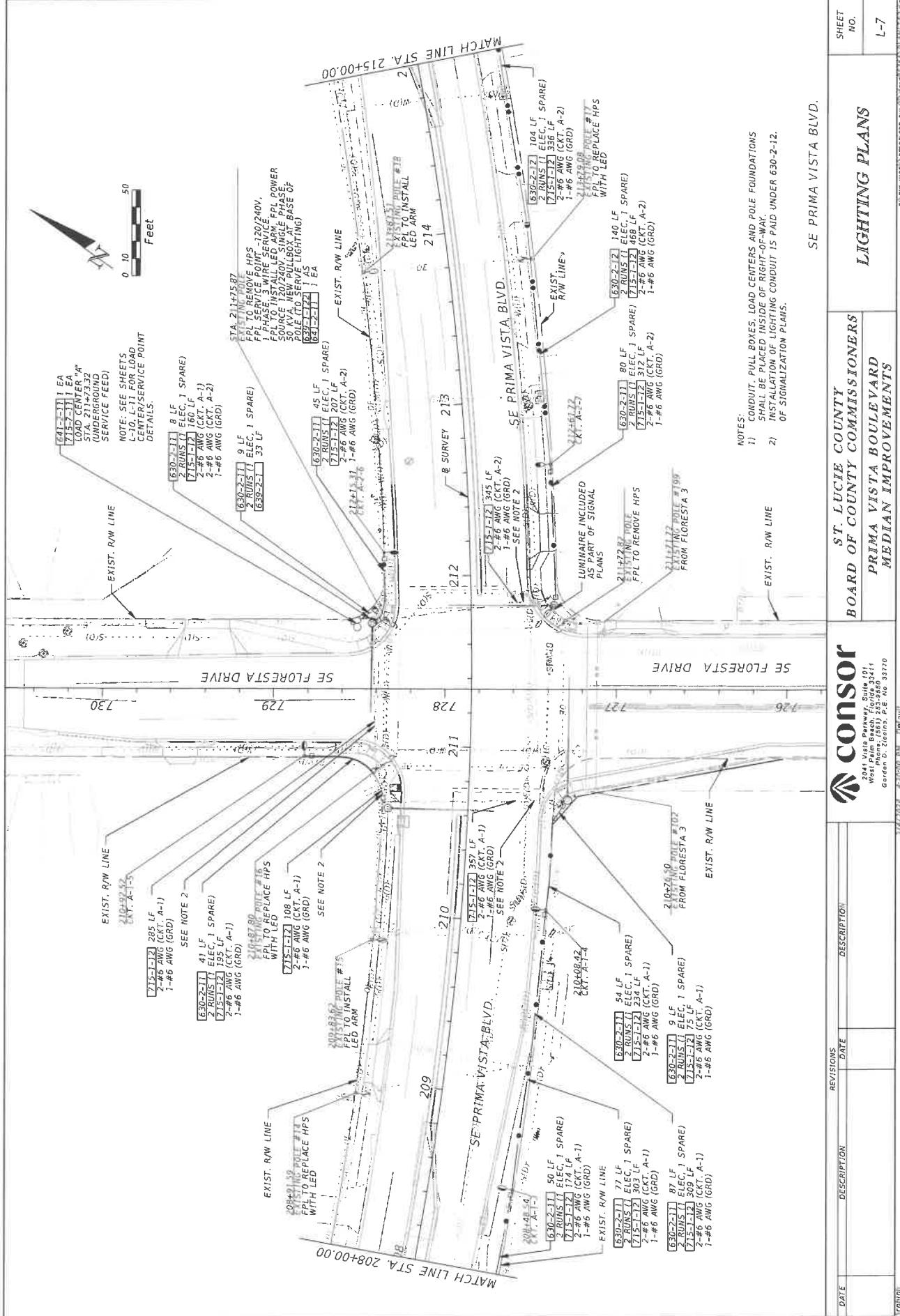
- SYMBOLS - LUMINAIRE TO BE MOUNTED ON FPL POLE. LED LUMINAIRE DESIGNED FOR TYPE IV, MEDIUM DISTRIBUTION LED LUMINAIRE 93 WATTS (14,782 LUMENS) (ROADWAY LUMINAIRE), MANUFACTURER COOPER STREET LIGHTING SOLUTIONS - STREETWORKS, CATALOG NUMBER ARCH-M-PA2-90-740-U-T3-93W. (TO BE INSTALLED BY FPL)
- FPL LED RETROFIT TO BE HANDLED BY FPL LIGHTING SERVICES THRU CITY OF PSL. LED LUMINAIRE DESIGNED FOR TYPE IV, MEDIUM DISTRIBUTION LED LUMINAIRE 93 WATTS (14,782 LUMENS) (ROADWAY LUMINAIRE), MANUFACTURER COOPER STREET LIGHTING SOLUTIONS - STREETWORKS, CATALOG NUMBER ARCH-M-PA2-90-740-U-T3-93W.
- LUMINAIRE TO BE MOUNTED ON FPL POLE. LED LUMINAIRE DESIGNED FOR TYPE IV, MEDIUM DISTRIBUTION LED LUMINAIRE 59 WATTS (8,328 LUMENS) (ROADWAY LUMINAIRE), MANUFACTURER COOPER STREET LIGHTING SOLUTIONS - STREETWORKS, CATALOG NUMBER ARCH-S-PA1-60-740-U-T3-59W. (TO BE INSTALLED BY FPL)
- FPL LED RETROFIT TO BE HANDLED BY FPL LIGHTING SERVICES THRU CITY OF PSL. LED LUMINAIRE DESIGNED FOR TYPE IV, MEDIUM DISTRIBUTION LED LUMINAIRE 59 WATTS (8,328 LUMENS) (ROADWAY LUMINAIRE), MANUFACTURER COOPER STREET LIGHTING SOLUTIONS - STREETWORKS, CATALOG NUMBER ARCH-S-PA1-60-740-U-T3-59W.
- EXISTING LUMINAIRE, POLE & FOUNDATION TO BE REMOVED OR RELOCATED BY FPL

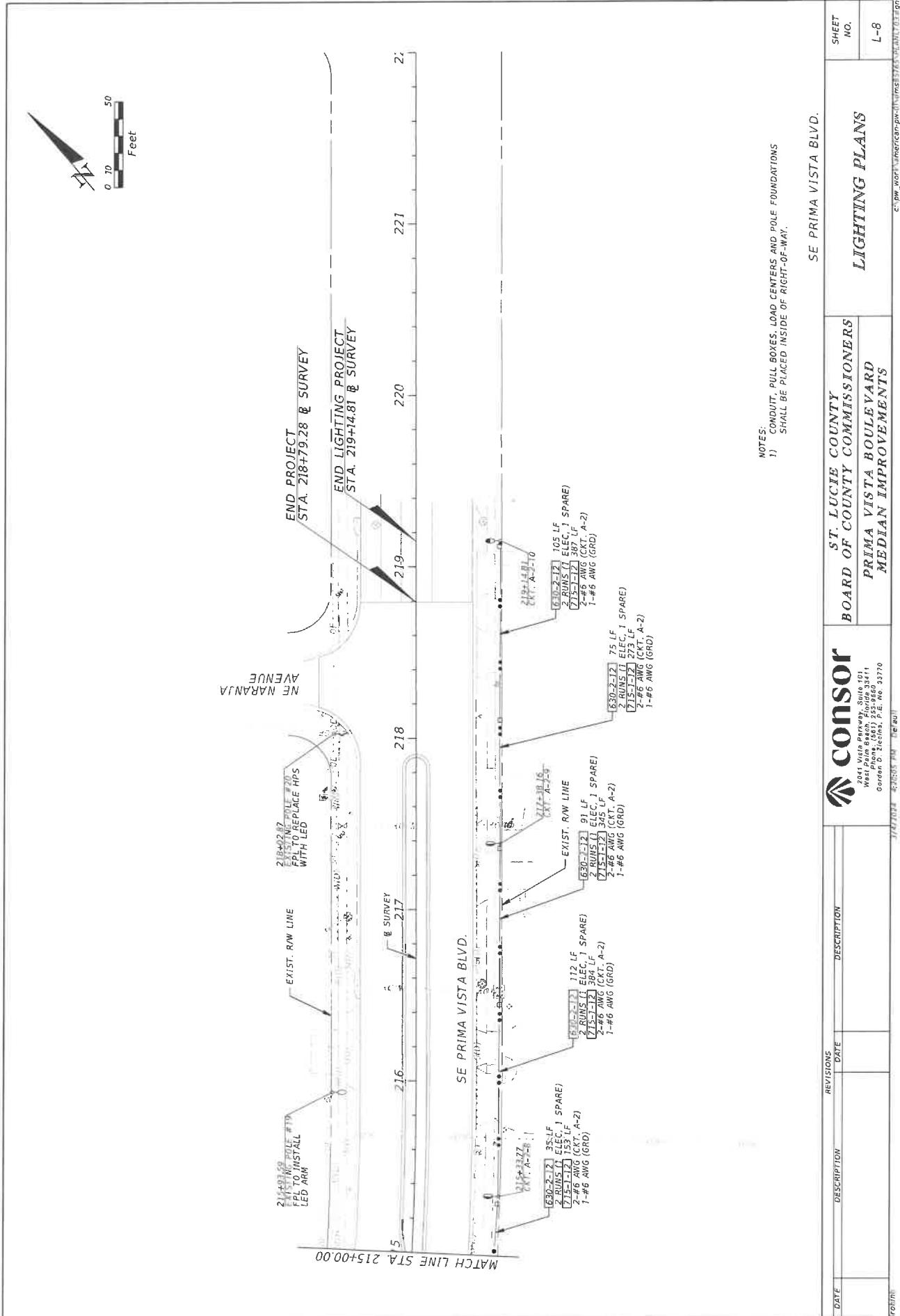


| POLE DATA AND LEGEND | | SHEET NO. |
|---|--------|-----------|
| ST. LUCIE COUNTY COMMISSIONERS BOARD OF COUNTY COMMISSIONERS PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | CONSOR | L-5 |

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|-----------|-------------|-----------|-----------|-------------|
| 1/17/2018 | CONTRACT | | 1/17/2018 | CONTRACT |

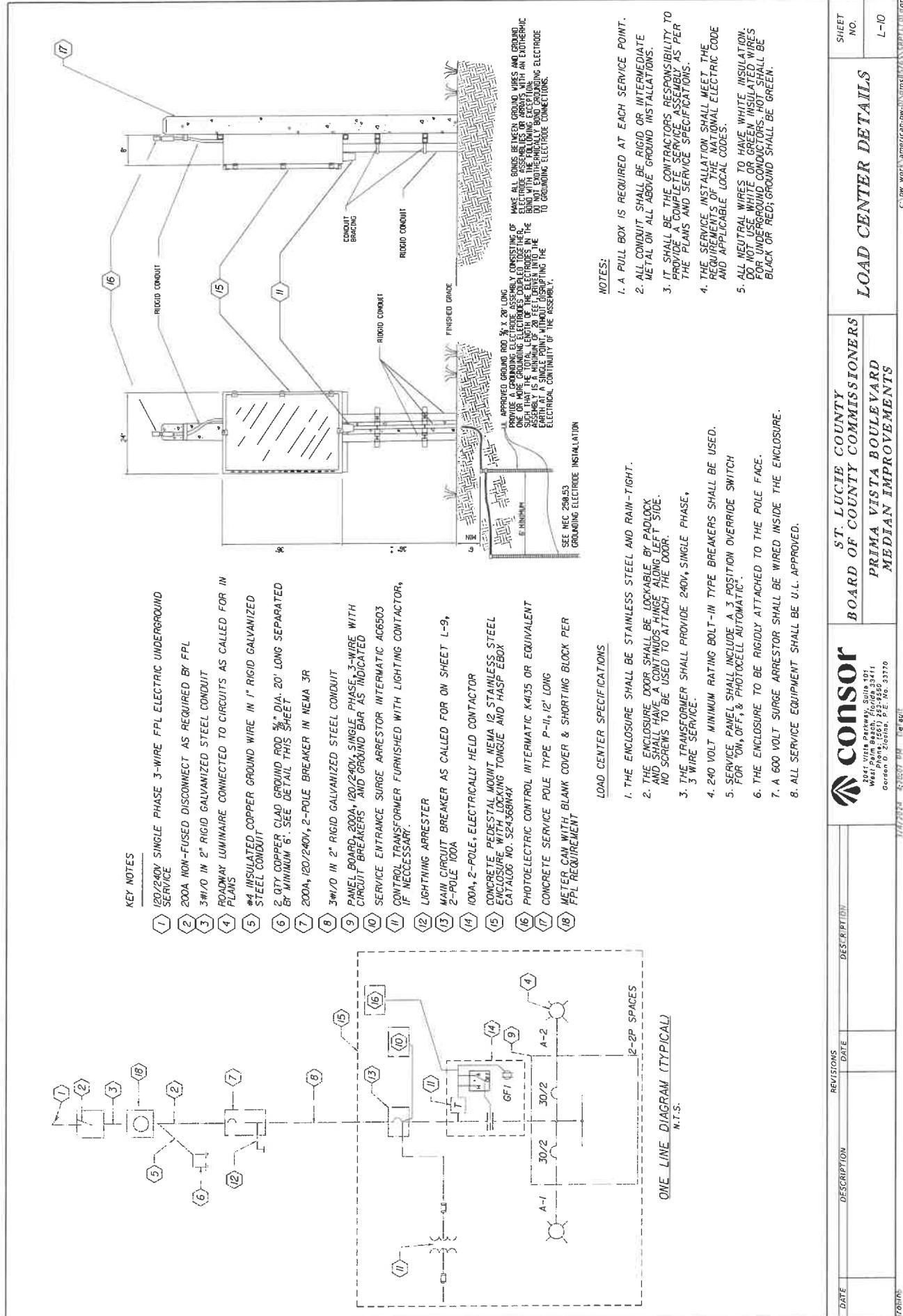






| FLORESTA DR. PROPOSED LOAD CENTER SCHEDULES (LIGHTING) | | | | | | | |
|--|---------|------------|-------------------------|----------------------------|------------|--------------|------------------------------------|
| LOAD CENTER | CIRCUIT | CONDUCTORS | NUMBER ROADWAY FIXTURES | NUMBER GUIDE SIGN FIXTURES | WALL PACKS | BREAKER SIZE | LOAD CENTER RATING |
| "A" STA. 21+473.32 67' LT PRIMA VISTA BLVD. | A-1 | #6 AWG | 5 | - | - | 40 AHP. 2P | ST. LUCIE COUNTY (772)-462-7707 |
| | A-2 | #6 AWG | 4 | - | - | 40 AHP. 2P | |
| | SPARE | - | - | - | - | 40 AHP. 2P | |

| DATE | DESCRIPTION | REVISIONS | LOAD CENTER DETAILS | | SHEET NO. L-9 |
|-----------|-------------|-----------|---------------------|-------------|--|
| | | | DATE | DESCRIPTION | |
| 3/17/2017 | Initial | | 3/17/2017 | Initial | |
| | | | | | C:\pw\work\american-pw\1\ams\1765\input\loadcenter.dwg |

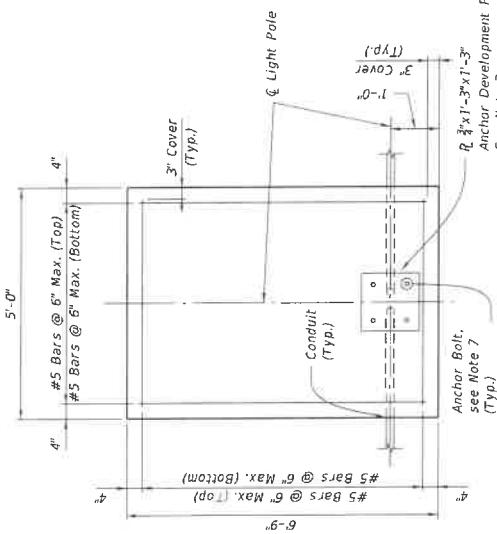


KEYED NOTES

- (1) 120/240V SINGLE PHASE 3-WIRE FPL ELECTRIC UNDERGROUND SERVICE.
- (2) 200A, 120-240V, 2 POLE, NEMA 3R NON-FUSED DISCONNECT AS REQUIRED BY FPL.
- (3) 3 #4 AWG FEEDER CONDUCTORS IN 2" RIGID GALVANIZED STEEL CONDUIT.
- (4) LED LIGHT POLES CONNECTED TO CIRCUITS AS CALLED FOR IN PLANS.
- (5) #4 INSULATED COPPER GROUND WIRE IN 2" PVC CONDUIT.
- (6) COPPER CLAD GROUND RODS $\frac{5}{8}$ " DIA. 20' LONG SEPARATED BY 6' MINIMUM.
- (7) 200A, 120-240V, 2-POLE BREAKER IN NEMA 3R.
- (8) 2" PVC CONDUIT (CONDUCTOR SIZE #4 AWG).
- (9) PANEL BOARD, 200A, 120-240V, SINGLE PHASE, 3-WIRE WITH CIRCUIT BREAKERS AS INDICATED ON L-10.
- (10) SERVICE ENTRANCE SURGE ARRESTOR (INTERMATIC AG503)
- (11) FPL TRANSFORMER SINGLE PHASE, 120-240V.
- (12) LIGHTNING ARRESTER MOUNTED ON OUTSIDE OF ENCLOSURE.
- (13) MAIN CIRCUIT BREAKER AS CALLED FOR ON SHEET L-10, 2-POLE 120-240V
- (14) 2-POLE, ELECTRICALLY HELD CONTACTOR
- (15) CONCRETE PEDESTAL MOUNT NEMA 12 STAINLESS STEEL ENCLOSURE WITH LOCKING TONGUE AND HASP EBOX CATALOG NO. S24368MAXS
- (16) PHOTOELECTRIC CONTROL INTERMATIC K4135 OR EQUIVALENTS
- (17) CONCRETE SERVICE POLE TYPE P-II, 12' LONGS
- (18) METER SOCKET BY CONTRACTOR TO MEET FPL REQUIREMENTS.
- (19) FPL SERVICE POLE.
- PROPOSED LOAD CENTER ON CONCRETE STUB POLE P-II
- PROPOSED METER/SERVICE DISCONNECT ON CONCRETE STUB POLE P-II
- POWER SERVICE
- TYPICAL DETAIL "C"
N.T.S.

| DATE | DESCRIPTION | REVISIONS | BOARD OF COUNTY COMMISSIONERS | SERVICE POINT DETAILS | SHEET NO. |
|------|-------------|-----------|--|--|-----------|
| | | | CONSOR 2001 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Gordon C. Zito, Esq., 232-9550 Gordon.C.Zito@stluciecountypower.com | PRIMA VISTA BOULEVARD MEDIAN IMPROVEMENTS | L-II |

Direction of Traffic



NOTES:

1. Reinforcing steel shall be ASTM A615, Grade 60.
2. Anchor Development Plate shall be Grade 36, Grade 35 Steel.
3. Concrete shall be Class II with a minimum 28-day compressive strength of 3.4 ksi for all environmental classifications.
4. The foundation for the Light Pole Structure shall be constructed in accordance with Section 455 of the FDOT specifications except that no payment for the foundation shall be made under Section 455.
5. This foundation is designed to resist the following Service Loading at the base of the Light Pole from a pole mounted luminaire with a maximum weight of 37 lbs. and a maximum effective projected area of 2.9 ft²
- Wind Moment - 4.41 kip-ft
- Torsion - 0.46 kip-ft
- Shear - 0.43 kip
- Axial - 0.09 kip

If the furnished pole produces greater reactions than those listed above, then redesign the foundation submitting the necessary drawings and calculations, signed and sealed by a Professional Engineer registered in the State of Florida, to the Engineer for review and approval at no additional cost to the City.

6. The following design soil data was used in the design of these Light Pole Spread Footing foundations:

Effective Soil Unit Weight - 37.6 psf

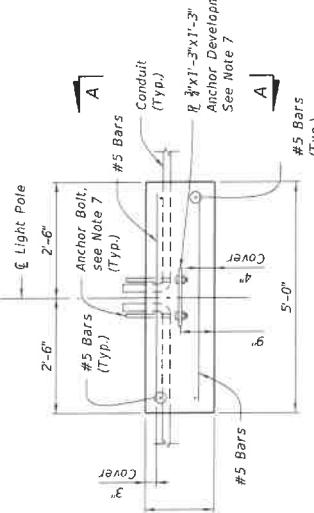
Internal Angle of Friction - 28°

Nominal Bearing Capacity - 2200 psf

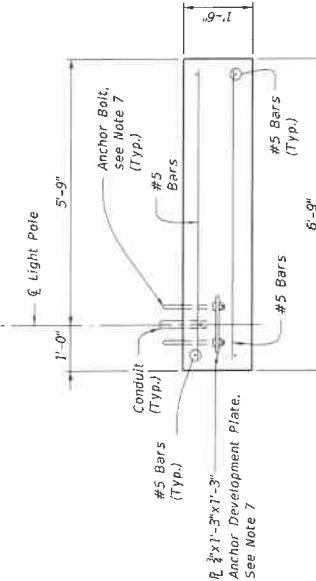
7. The design of the footing for eccentricity, sliding/torsion and bearing. LRFD Strength Limit States were used in the design of the footing for eccentricity, sliding/torsion and that they effectively transmit the required forces to the Spread Footer Foundation with the addition of the Anchor Development Plate. A minimum 4" concrete cover for the Anchor Bolts shall be maintained. Submit the necessary drawings and calculations, signed and sealed by a Professional Engineer registered with the State of Florida, for review and approval at no additional cost to the City.

8. The pull box shall not be located within the Spread Footer Foundation.

FOOTING PLAN



LIGHT POLE



FOOTING ELEVATION

VIEW A-A

| BOARD OF COUNTY COMMISSIONERS | | LIGHT POLE SPREAD FOOTING DETAILS | SHEET NO. |
|-------------------------------|--|-----------------------------------|-----------|
| PRIMA VISTA BOULEVARD | | | L-12 |
| MEDIAN IMPROVEMENTS | | | |

| DATE | DESCRIPTION | REVISIONS | DATE |
|-----------|-------------|-----------|------|
| 1/14/2014 | Initial | | |