2

SUBJECT: **RFQ FOR DESIGN-BUILD SVCS FOR HORIZONTAL/CIVIL ENGINEERING PROJECTS**

BID # **CDB-0006-16** OPEN DATE: **10/21/2015**

# COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: **CONSTRUCTION – DESIGN/BUILD**

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **QUALIFICATIONS BASED**

NUMBER OF BIDS INVITED: - NUMBER RECEIVED: - OTHER: -

## SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval to amend award with J. B. Coxwell Contracting, Inc. (contract # 6533-54), to incorporate the Scope and Fee Summary Exhibit "AAA-2", known as Amendment 51B to provide 100% of construction of Orange Picker Road Realignment and Parking Lot in the amount of $3,072,306.10 which includes a contingency of $314,546.35 with a completion date of 210 days from notice to proceed. The GMP not-to-exceed amount $3,500,582.68.

Funding for this award is to be executed by Amendment 51B for contract #6533-54 and encumbered by account: 32111.15311.565051.007031.00000000.00000.0000000

Attachments: Recommendation Memo, Exhibit "AAA-2", Previous Awards

BUYER _____ RESPECTFULLY SUBMITTED _____

JACLYN STAMOS DUSTIN FREEMAN, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: **Robin G. Smith, P.E., Chief, Engineering and Construction Management Division**

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**(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)**

ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING_____ MEMBERS DISAPPROVING_____ DATE:_____

_____ _____ OTHER_____

_____ _____

_____ _____

_____ _____

_____ _____

---

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED_____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

# City of Jacksonville, Florida

*Lenny Curry, Mayor*

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY ONE JACKSONVILLE


April 12, 2023

TO: Dustin Freeman
Chief of Procurement

THRU: Steven D. Long, Jr., P.E.
Director of Public Works

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

SUBJECT: CDB-0006-16 – Design-Build Services - Horizontal & Civil Engineering – Orange Picker Road Realignment and Parking Lot
AMENDMENT 51B PO 624931-21

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In accordance with Design Build CDB-0006-16, Contract 6533-54, the Orange Picker Road Realignment and Parking Lot was awarded by Amendment 51A in the amount of $428,276.58 to provide 100% design and permitting for Orange Picker Road Realignment and Parking Lot. Amendment 51B is for 100% construction. Negotiations have resulted in the attached Scope and Fee, Exhibit AAA-B for the GMP amount of $3,072,306.10, which includes contingency in the amount of $314,546.35, allowing for the completion of work within 210 days from the notice to proceed. J. B. Coxwell Contracting is committed to meeting the 10% JSEB participation goals established for this contract.

Accordingly, this is to recommend that Amendment 51A to Contract No. 6533-54, originally executed August 9, 2021, between the City and J. B. Coxwell Contracting, Inc. for Orange Picker Road Realignment and Parking Lot be amended to incorporate the attached Scope and Fee Summary, Exhibit AAA-2 to increase the GMP by $3,072,306.10 to a new GMP amount of $3,500,582.68, known as Amendment 51B.

Funding for this project should be encumbered as follows:

| ACCOUNTS: | TOTAL |
|---|---|
| 32111.15311.565051.007031.00.00.00 | |
| 007031 | |
| PWCP Public Works Capital Projects, Other Transportation Services | |
| 565051 | |
| 1 | |
| 32111-381910 | |
| | $3,072,306.10 |

RGS/lw

Attachment: Exhibit AAA-2

cc: Lori West, Engineering and Construction Management
Gary Goldsberry, P.E., Engineering and Construction Management

**J.B. Coxwell Contracting, Inc.**
6741 Lloyd Road West
Jacksonville, Florida 32254
Office (904) 786-1120 Fax (904) 783-2970

April 11, 2023

Gary Goldsberry, P.E.
City of Jacksonville Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

**Re: Fee Proposal for Orange Picker Road Realignment & Alberts Field Design-Build Construction Delivery for City of Jacksonville City Contract No. 71754-22**

Dear Mr. Goldsberry, P.E.:

J.B. Coxwell Contracting, Inc. (JBCCI) is pleased to submit for your review and consideration the following design-build scope of services and attached lump sum fee proposal for the above referenced project. The scope of work in the attached Fee proposal includes design and construction for the Realignment of Orange Picker Road at Brady Road and the reconstruction of the parking lot at Alberts Field. Design, geotechnical evaluations, and permitting are already in process via previous amendments and ten set approval is in its third submission with COJ. The design included in this proposal includes the street lighting and post design services based on the design scope in GAI's proposal.

The proposed lump sum amount for this project is $3,072,306.10, which includes a 10% project contingency. The project contingency is for the Design-Builder's benefit and not for changed field conditions, unknown field conditions or added scope of work. JBCCI will obtain a COJ right of way permit for this work as required. This proposal assumes 10-set approval is forthcoming in the near future. Coordination with JEA Electric to relocate the power poles to the new Right of Way is included in this proposal; however, the actual construction time for JEA electric relocation is out of JBCCI's control and the assumed duration is 30 calendar days after clearing & grubbing is completed. The work related to this project will be completed within two hundred ten calendar days (210) from notice-to-proceed.

This lump sum proposal is inclusive of only those services noted on the attached fee summary and which are anticipated at this time. No services or work other than those noted in the fee proposal are included. In addition, any unknown condition(s) which may surface during construction or any other increase in scope of services may result in a request for applicable fees. No work will proceed however, without first obtaining approval from the City for any applicable services.

This proposal includes the relocation of the JEA water main and force main in the new Right of Way on Orange Picker Drive. It has been determined between COJ and JBCCI that the relocation of the water main and force main is in the best interests of all parties involved. This proposal assumes that JEA will inspect at no additional cost to JBCCI. The attached plans are assumed as approved with only minor changes required. This

proposal includes roadway case X asphalt repairs on Brady Road. Milling and resurfacing of Brady Road is not included in this proposal.

One possible savings could be converting the turf block pavers in Alberts Field to the other typical section in Alberts Field (04" Crushcrete). If approved, the potential savings are $100,000.

Due to the volatility of materials and the constant fluctuations in material pricing/availability, this proposal is valid for 30 days and assumes Construction can commence 45 days from NTP.

We are again very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please do not hesitate to contact us.

Regards,
***J.B. Coxwell Contracting, Inc.***
Josh Sowards
Josh Sowards
Director of Design Build Services

**Date: 04/11/2023**
**Project: Orange Picker Road Realignment**
**Design-Build Construction Delivery for City of Jacksonville**
**Agreement: POA-6533-54**

| Item | Quantity | U/M | Unit Price | Amount |
|---|---|---|---|---|
| General Conditions | 1.00 | LS | $ 338,254.89 | $ 338,254.89 |
| COJ - Job Board | 1.00 | LS | $ 2,065.91 | $ 2,065.91 |
| Engineering Allowance - Post Design | 1.00 | LS | $ 26,868.88 | $ 26,868.88 |
| | | | | |
| **Subtotal - Orange Picker -General Conditions** | | | | **$ 367,189.68** |
| | | | | |
| CMT Testing Allowance | 1.00 | LS | $ 16,350.00 | $ 16,350.00 |
| Maintenance of Traffic | 1.00 | LS | $ 9.23 | $ 9.23 |
| Erosion Control | 1.00 | LS | $ 13,987.12 | $ 13,987.12 |
| Clearing & Grubbing | 1.00 | LS | $ 115,027.67 | $ 115,027.67 |
| Site Prep / Demo | 1.00 | LS | $ 55,774.05 | $ 55,774.05 |
| Site Strippings | 1,942.00 | CY | $ 30.13 | $ 58,512.46 |
| Pond Excavation - Cut to Haul Off | 10,006.00 | CY | $ 23.78 | $ 237,942.68 |
| Pond Excavation - Cut to Site Fill | 971.00 | CY | $ 18.97 | $ 18,419.87 |
| Site Excavation - Cut to Fill | 111.00 | CY | $ 53.11 | $ 5,895.21 |
| Embankment - Import to Fill | 2,786.00 | CY | $ 35.43 | $ 98,707.98 |
| 12" Stabilization (LBR 40) | 2,110.00 | SY | $ 20.34 | $ 42,917.40 |
| 06" Limerock Base (LBR 100) | 360.00 | SY | $ 30.81 | $ 11,091.60 |
| 11" Limerock Base (LBR 100) | 1,600.00 | SY | $ 42.48 | $ 67,968.00 |
| 2.50" SP-12.5 (Mainline) - Type B | 1,575.00 | SY | $ 31.56 | $ 49,707.00 |
| 1.50" FC-12.5 (Mainline & Shoulder) - Type B | 2,075.00 | SY | $ 21.57 | $ 44,757.75 |
| 1.50" Milling Exist Asphalt | 140.00 | SY | $ 56.35 | $ 7,889.00 |
| City Standard Curb & Gutter | 666.00 | LF | $ 38.82 | $ 25,854.12 |
| Sidewalk (4" Thick) | 367.00 | SY | $ 73.30 | $ 26,901.10 |
| Detectable Warnings | 20.00 | SF | $ 49.12 | $ 982.40 |
| Grassing - Sod | 6,800.00 | SY | $ 5.34 | $ 36,312.00 |
| Permanent Striping | 1.00 | LS | $ 12,435.03 | $ 12,435.03 |
| Permanent Signage | 1.00 | LS | $ 2,599.23 | $ 2,599.23 |
| RRFB Sign | 2.00 | EA | $ 37,886.00 | $ 75,772.00 |
| 15" Storm Drainage | 704.00 | LF | $ 119.41 | $ 84,064.64 |
| 18" Storm Drainage | 948.00 | LF | $ 131.28 | $ 124,453.44 |
| 24" Storm Drainage | 131.00 | LF | $ 157.28 | $ 20,603.68 |
| Single Curb Inlet | 4.00 | EA | $ 8,255.61 | $ 33,022.44 |
| Storm Manhole | 1.00 | EA | $ 6,800.14 | $ 6,800.14 |
| Type C Ditch Bottom Inlet | 4.00 | EA | $ 5,330.32 | $ 21,321.28 |
| Control Structure | 1.00 | EA | $ 12,681.37 | $ 12,681.37 |
| Yard Inlet | 2.00 | EA | $ 2,828.47 | $ 5,656.94 |
| 24" Precast MES | 2.00 | EA | $ 2,826.66 | $ 5,653.32 |

**Date: 04/11/2023**
**Project: Orange Picker Road Realignment**
**Design-Build Construction Delivery for City of Jacksonville**
**Agreement: POA-6533-54**

| Item | Quantity | U/M | Unit Price | Amount |
|---|---|---|---|---|
| 24" Precast Endwall | 1.00 | EA | $ 4,327.68 | $ 4,327.68 |
| | | | | |
| **Subtotal - Orange Picker - Road Realignment** | | | | **$ 2,078,777.19** |
| | | | | |
| CMT Testing Allowance | 1.00 | LS | $ 3,500.00 | $ 3,500.00 |
| Erosion Control | 1.00 | LS | $ 13,677.15 | $ 13,677.15 |
| Site Prep / Demo | 1.00 | LS | $ 24,520.60 | $ 24,520.60 |
| Site Excavation / Grading | 1.00 | LS | $ 28,571.25 | $ 28,571.25 |
| 12" Stabilization (LBR 40) | 5,110.00 | SY | $ 10.13 | $ 51,764.30 |
| 06" Crushcrete Base (LBR 100) | 125.00 | SY | $ 77.10 | $ 9,637.50 |
| 2.00" SP-12.5 (Mainline) - Type B | 125.00 | SY | $ 58.57 | $ 7,321.25 |
| 04" Cruschrete Base (LBR 100) | 3,025.00 | SY | $ 23.42 | $ 70,845.50 |
| Turfblock Brick Pavers (Inc. Base) | 1,080.00 | SY | $ 119.25 | $ 128,790.00 |
| City Standard Curb & Gutter | 96.00 | LF | $ 71.06 | $ 6,821.76 |
| Timber Curbing (4inx4in Posts) | 1,800.00 | LF | $ 19.07 | $ 34,326.00 |
| Sidewalk (4" Thick) | 613.00 | SY | $ 64.90 | $ 39,783.70 |
| Concrete Pavement (6" Thick) | 139.00 | SY | $ 115.30 | $ 16,026.70 |
| Detectable Warnings | 10.00 | SF | $ 51.08 | $ 510.80 |
| Grassing - Sod | 600.00 | SY | $ 10.86 | $ 6,516.00 |
| Permanent Striping & Signage | 1.00 | LS | $ 4,625.36 | $ 4,625.36 |
| 02" Water Main Service (Irrigation) | 1.00 | LS | $ 8,968.39 | $ 8,968.39 |
| 12" HP Storm Drainage | 62.00 | LF | $ 122.34 | $ 7,585.08 |
| 15" HDPE Storm Drainage | 870.00 | LF | $ 99.35 | $ 86,434.50 |
| 18" HDPE Storm Drainage | 134.00 | LF | $ 122.93 | $ 16,472.62 |
| Type C Ditch Bottom Inlet | 9.00 | EA | $ 4,178.36 | $ 37,605.24 |
| Yard Inlet | 5.00 | EA | $ 4,378.30 | $ 21,891.50 |
| | | | | |
| **Subtotal - Orange Picker - Alberts Field** | | | | **$ 626,195.20** |
| | | | | |
| Street Lighting (Int. & Alberts Field) | 1.00 | LS | $ 234,552.34 | $ 234,552.34 |
| | | | | |
| **Subtotal - Orange Picker - Street Lighting (Int. & Alberts Field)** | | | | **$ 234,552.34** |
| | | | | |
| Landscaping & Irrigation | 1.00 | LS | $ 119,852.69 | $ 119,852.69 |
| | | | | |
| **Subtotal - Orange Picker - Land. & Irrig. (Roadway & Alberts Field)** | | | | **$ 119,852.69** |
| | | | | |
| General Conditions | 1.00 | LS | $ 31,129.17 | $ 31,129.17 |

**Date: 04/11/2023**
**Project: Orange Picker Road Realignment**
**Design-Build Construction Delivery for City of Jacksonville**
**Agreement: POA-6533-54**

| Item | Quantity | U/M | Unit Price | Amount |
|---|---|---|---|---|
| Maintenance of Traffic | 1.00 | LS | $ 8,079.58 | $ 8,079.58 |
| Construction Survey & Asbuilts | 1.00 | LS | $ 14,240.45 | $ 14,240.45 |
| Construction Testing - Geotech | 1.00 | LS | $ 4,200.00 | $ 4,200.00 |
| 08" DR-18 PVC WM | 20.00 | LF | $ 93.60 | $ 1,872.00 |
| 12" DR-18 PVC WM | 625.00 | LF | $ 98.92 | $ 61,825.00 |
| 08" Gate Valve WM | 1.00 | EA | $ 2,716.70 | $ 2,716.70 |
| 12" Gate Valve WM | 2.00 | EA | $ 4,627.28 | $ 9,254.56 |
| 12"x12" Wet Tap & Valve WM | 1.00 | EA | $ 12,631.66 | $ 12,631.66 |
| 08" Linestop - WM | 1.00 | EA | $ 12,334.27 | $ 12,334.27 |
| 12" Linestop - WM | 1.00 | EA | $ 13,384.27 | $ 13,384.27 |
| Fittings - WM | 1.00 | LS | $ 35,206.17 | $ 35,206.17 |
| Sample Points - WM | 3.00 | EA | $ 674.96 | $ 2,024.88 |
| Connect to Exist. 08" WM | 1.00 | EA | $ 2,237.47 | $ 2,237.47 |
| Connect to Exist. 12" WM | 1.00 | EA | $ 2,237.47 | $ 2,237.47 |
| Abandon Exist. 08" WM | 220.00 | LF | $ 22.88 | $ 5,033.60 |
| Abandon Exist. 12" WM | 450.00 | LF | $ 11.19 | $ 5,035.50 |
| Case X Road Repair WM | 60.00 | SY | $ 213.02 | $ 12,781.20 |
| 08" DR-18 PVC FM | 461.00 | LF | $ 62.57 | $ 28,844.77 |
| 08" Gate Valve FM | 1.00 | EA | $ 6,801.28 | $ 6,801.28 |
| 08" Wet Tap & Valve FM | 1.00 | EA | $ 7,843.99 | $ 7,843.99 |
| 08" Linestop - FM | 1.00 | EA | $ 13,174.27 | $ 13,174.27 |
| Fittings - FM | 1.00 | LS | $ 23,031.56 | $ 23,031.56 |
| Connect to Exist. FM | 1.00 | EA | $ 4,474.89 | $ 4,474.89 |
| Abandon Exist 08" FM | 525.00 | LF | $ 14.58 | $ 7,654.50 |
| Case X Road Repair FM | 80.00 | SY | $ 213.03 | $ 17,042.40 |
| | | | | |
| **Subtotal - Orange Picker - JEA WM / FM Relocate** | | | | **$ 345,091.61** |
| | | | | |
| **Subtotal - Orange Picker/Alberts Field & WM/FM Relocation** | | | | **$ 3,145,463.51** |
| Contingency | 10% | | | $ 314,546.35 |
| Bond | | | | $ 69,200.20 |
| JBCCI Markup | 7.50% | | | $ 264,690.75 |
| | | | | |
| **Orange Picker - Road Realignment & Alberts Field** | | | | **$ 3,072,306.10** |

**Exhibit A - Page 1 of 1**
**CONTRACT FEE SUMMARY FOR**
**Orange Picker Post Design Services**

| PART I - GENERAL | |
|---|---|
| **1. Project** - D/B Construction Delivery for COJ<br>100% Orange Picker | **2. Project Number**<br>CDB-0006-16 |
| **3. Name of Consultant**<br>GAI Consultants, Inc. | **4. Date of Proposal**<br>12/5/2022 |

**PART II - LABOR RELATED COSTS**

| **5. DIRECT LABOR** | Hourly Rate | Estimated Hours | Estimated Cost | TOTAL |
|---|---|---|---|---|
| Principal | $ 104.30 | 2 | $ 208.60 | |
| Project Manager (Responsible Prof.) | $ 84.59 | 16 | $ 1,353.44 | |
| Senior Project Engineer | $ 64.49 | 24 | $ 1,547.76 | |
| Project Engineer | $ 49.14 | 42 | $ 2,063.88 | |
| Engineer Intern | $ 34.38 | 60 | $ 2,062.80 | |
| Senior Designer | $ 37.95 | 14 | $ 531.30 | |
| Designer/Sr. CADD Technician | $ 28.43 | 6 | $ 170.58 | |
| CADD Technician | $ 25.14 | 0 | $ 0.00 | |
| Clerical | $ 19.91 | 8 | $ 159.28 | |
| Survey Manager (PSM) | $ 58.62 | 0 | $ 0.00 | |
| Three Man Survey Crew | $ 79.04 | 0 | $ 0.00 | |
| | | | **TOTAL DIRECT LABOR** | **$ 8,097.64** |
| **6. OVERHEAD (Combined Fringe Benefits & Administrative)**<br>Overhead Rate 173.58% | | | | $ 14,055.88 |
| **7. SUBTOTAL: Labor + Overhead (Items 5 & 6)** | | | | **$ 22,153.52** |
| **8. PROFIT: Labor Related Costs (Item 7)** | | | x 10% | $ 2,215.35 |
| | | | **SUB-TOTAL SALARY RELATED COSTS** | **$ 24,368.88** |

**PART III - OTHER COSTS**

| | |
|---|---|
| **9. MISCELLANEOUS DIRECT COSTS (Lump Sum)**<br>Misc. Direct Expenses (Lump Sum) & Permit App. | $ 500.00 |
| **MISCELLANEOUS DIRECT COSTS SUB-TOTAL** | **$ 500.00** |
| **10. SUBCONTRACTS (Lump Sum)**<br>Landscape Post Design (Lump Sum) | $2,000 |
| **SUB-CONTRACT SUB-TOTAL** | **$ 2,000.00** |

**PART IV - SUMMARY**

| | |
|---|---|
| **TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)** | **$ 26,868.88** |

**Exhibit A - Page 1 of 1**

**CONTRACT FEE SUMMARY FOR**

**Orange Picker Post Design Services**

| **PART I - GENERAL** | |
|---|---|
| **1. Project** - D/B Construction Delivery for COJ<br>100% Orange Picker | **2. Project Number**<br>CDB-0006-16 |
| **3. Name of Consultant**<br>GAI Consultants, Inc. | **4. Date of Proposal**<br>12/5/2022 |

**PART II - LABOR RELATED COSTS**

| **5. DIRECT LABOR** | Hourly Rate | Estimated Hours | Estimated Cost | TOTAL |
|---|---|---|---|---|
| Principal | $ 104.30 | 2 | $ 208.60 | |
| Project Manager (Responsible Prof.) | $ 84.59 | 6 | $ 507.54 | |
| Senior Project Engineer | $ 64.49 | 16 | $ 1,031.84 | |
| Project Engineer | $ 49.14 | 40 | $ 1,965.60 | |
| Engineer Intern | $ 34.38 | 55 | $ 1,890.90 | |
| Senior Designer | $ 37.95 | 14 | $ 531.30 | |
| Designer/Sr. CADD Technician | $ 28.43 | 6 | $ 170.58 | |
| CADD Technician | $ 25.14 | 0 | $ 0.00 | |
| Clerical | $ 19.91 | 4 | $ 79.64 | |
| Survey Manager (PSM) | $ 58.62 | 0 | $ 0.00 | |
| Three Man Survey Crew | $ 79.04 | 0 | $ 0.00 | |
| | | | **TOTAL DIRECT LABOR** | **$ 6,386.00** |
| **6. OVERHEAD (Combined Fringe Benefits & Administrative)**<br>Overhead Rate 173.58% | | | | $ 11,084.82 |
| **7. SUBTOTAL: Labor + Overhead (Items 5 & 6)** | | | | **$ 17,470.82** |
| **8. PROFIT: Labor Related Costs (Item 7)** | | | x 10% | $ 1,747.08 |
| | | | **SUB-TOTAL SALARY RELATED COSTS** | **$ 19,217.90** |

**PART III - OTHER COSTS**

| | |
|---|---|
| **9. MISCELLANEOUS DIRECT COSTS (Lump Sum)**<br>Misc. Direct Expenses (Lump Sum) & Permit App. | $ 500.00 |
| **MISCELLANEOUS DIRECT COSTS SUB-TOTAL** | **$ 500.00** |
| **10. SUBCONTRACTS (Lump Sum)**<br>ESI<br>MAE<br>JEA Water & Sewer Relocation<br>Irrigation Design<br>FR Aleman | |
| **SUB-CONTRACT SUB-TOTAL** | **$ -** |

**PART IV - SUMMARY**

| | |
|---|---|
| **TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)** | **$ 19,717.90** |

# ORANGE PICKER ROAD REALIGNMENT

**2141 Orange Picker Rd**
**Jacksonville, FL 32218**
**FOR**

# CITY OF JACKSONVILLE, FLORIDA

**DEPARTMENT OF PUBLIC WORKS**
**Jacksonville, Florida 32202**

*Prepared By:*


gai consultants
12574 FLAGLER CENTER BLVD.
SUITE 202
JACKSONVILLE, FL 32258
PHONE: (904) 363-1110


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

## CITY OF JACKSONVILLE NOTES

### GENERAL

[illegible]

### UTILITY WORK

[illegible]

### WORK WITHIN THE RIGHT-OF-WAY

[illegible]

### STORMWATER

[illegible]

### FIRE MARSHALL

[illegible]

### LANDSCAPE

[illegible]

### TRAFFIC ENGINEERING

TRAFFIC SIGNS

[illegible]

VICINITY MAP
NTS

BEGIN PROJECT
STA. 13+56.93

END PROJECT
STA. 21+17.43

SHEET INDEX



| | |
|---|---|
| C-1 | Cover Sheet |
| C-2 | Signature Sheet |
| C-3 TO C-4 | Drainage Maps |
| C-5 | Typical Sections |
| C-6 | Summary of Drainage Structures |
| C-7 | Project Layout |
| C-8 | General Notes |
| C-9 TO C-12 | Plan & Profile Sheets |
| C-13 TO C-16 | Roadway Cross-Sections |
| C-19 | Pond Detail |
| C-20 | Drainage Detail |
| C-21 TO C-22 | Stormwater Pollution Prevention Plan |
| C-23 TO C-27 | Traffic Control Plan |
| C-28 | Signing & Pavement Marking General Notes |
| C-29 TO C-32 | Signing and Pavement Marking Plan |
| C-33 | Pole Detail |
| C-34 TO C-35 | Lighting Plan |
| C100 | Site Plan |
| C101 | Tree Table |
| C102 | Tree Removal Table |
| C103 | Tree Mitigation Table |
| C200 | Grading and Drainage Plan |
| C301 to C303 | Details |
| C400 | Erosion Control Plan |
| C501 to C503 | SWPPP |
| C600 | MOT Plan |
| L100 to L105 | Landscape Plan |
| L200 to L207 | Irrigation Plan |
| | Topographic Survey |
| | FDOT Standards |



SURVEYOR
[illegible], P.S.M.
Florida Registered Land Surveyor
[illegible]
GAI Consultants, Inc.
[illegible] Blvd., Suite [illegible]
Jacksonville, Florida 32207?
Business [illegible]
Phone 904 363 1110
904 [illegible] Direct

## PLAN APPROVAL

| | |
|---|---|
| Date | Development Services Division (DSD) |
| Date | Review Group (Reviewer) |

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:

## GENERAL PROJECT INFORMATION

| | |
|---|---|
| GENERAL | |
| City Development Number | [illegible] |
| Concurrency Application Number | - |
| Property Appraiser Number (RE #) | - |
| Zoning Designation | - |
| Zoning Application(s) (if any) | - |
| PUD Ordinance Number | - |
| FIRM – Community – Panel | - |
| Flood Zones (Show in Plans) | - |
| Base Flood Elev. (Show in Plans) | N/A |
| Vertical Datum Used for Project | [illegible] |
| JEA Availability Number | - |
| SUBDIVISION | |
| PSD Number | - |
| City or Private Inspection | N/A |
| Public or Private Roads | N/A |
| Subdivision ("311") Data Prepared? | N/A |
| NON-SUBDIVISION | |
| North American Industry Classification System (NAICS) | - |
| Impervious Area (Sq. Ft.) | - |

**COVER SHEET**

C-1

SHAWN H. MACKLEFRESH
LICENSE
No 88597
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

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

ROADWAY PLANS

| SHEET NO | SHEET DESCRIPTION |
|---|---|
| C-1 | Cover Sheet |
| C-2 | Signature Sheet |
| C-3 | Typical Sections |
| C-4 | Project Layout |
| C-8 | General Notes |
| C-9 TO C-12 | Plan & Profile Sheets |
| C-13 TO C-18 | Roadway Cross-Sections |
| C-23 TO C-27 | Traffic Control Plan |
| C-28 | SAPM General Notes |
| C-29 TO C-32 | Signing and Pavement Marking |

DAVID VERLANDER
LICENSE
No 81420
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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ROADWAY PLANS

| SHEET NO | SHEET DESCRIPTION |
|---|---|
| C-2 | Signature Sheet |
| C-3 TO C-4 | Drainage Map |
| C-6 | Summary of Drainage Structures |
| C-19 | Pond Detail |
| C-20 | Drainage Detail |
| C-21 TO C-22 | Stormwater Pollution Prevention Plan |

REBECCA K. HIERS-BRAY
LICENSE
No 69829
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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ROADWAY PLANS

| SHEET NO | SHEET DESCRIPTION |
|---|---|
| C-2 | Signature Sheet |
| C100 | Site Plan |
| C101 | Tree Table |
| C102 | Tree Removal Table |
| C103 | Tree Mitigation Table |
| C200 | Grading and Drainage Plan |
| C301 to C303 | Details |
| C400 | Erosion Control Plan |
| C501 to C503 | SWPPP |
| C600 | MOT Plan |

WENSHU ZHANG
LICENSE
No 82429
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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ROADWAY PLANS

| SHEET NO | SHEET DESCRIPTION |
|---|---|
| C-2 | Signature Sheet |
| C-33 | Pole Detail |
| C-34 TO C-35 | Lighting Plan |

RUTH PERRY
LICENSE
No 1530
STATE OF FLORIDA
LANDSCAPE ARCHITECT

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

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

ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|---|---|
| C-2 | Signature Sheet |
| L100 to L105 | Landscape Plan |
| L200 to L207 | Irrigation Plan |

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

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8375 Dix Ellis Trail, Suite 300
Suite 202
Jacksonville, FL 32256
(904) 363-1700

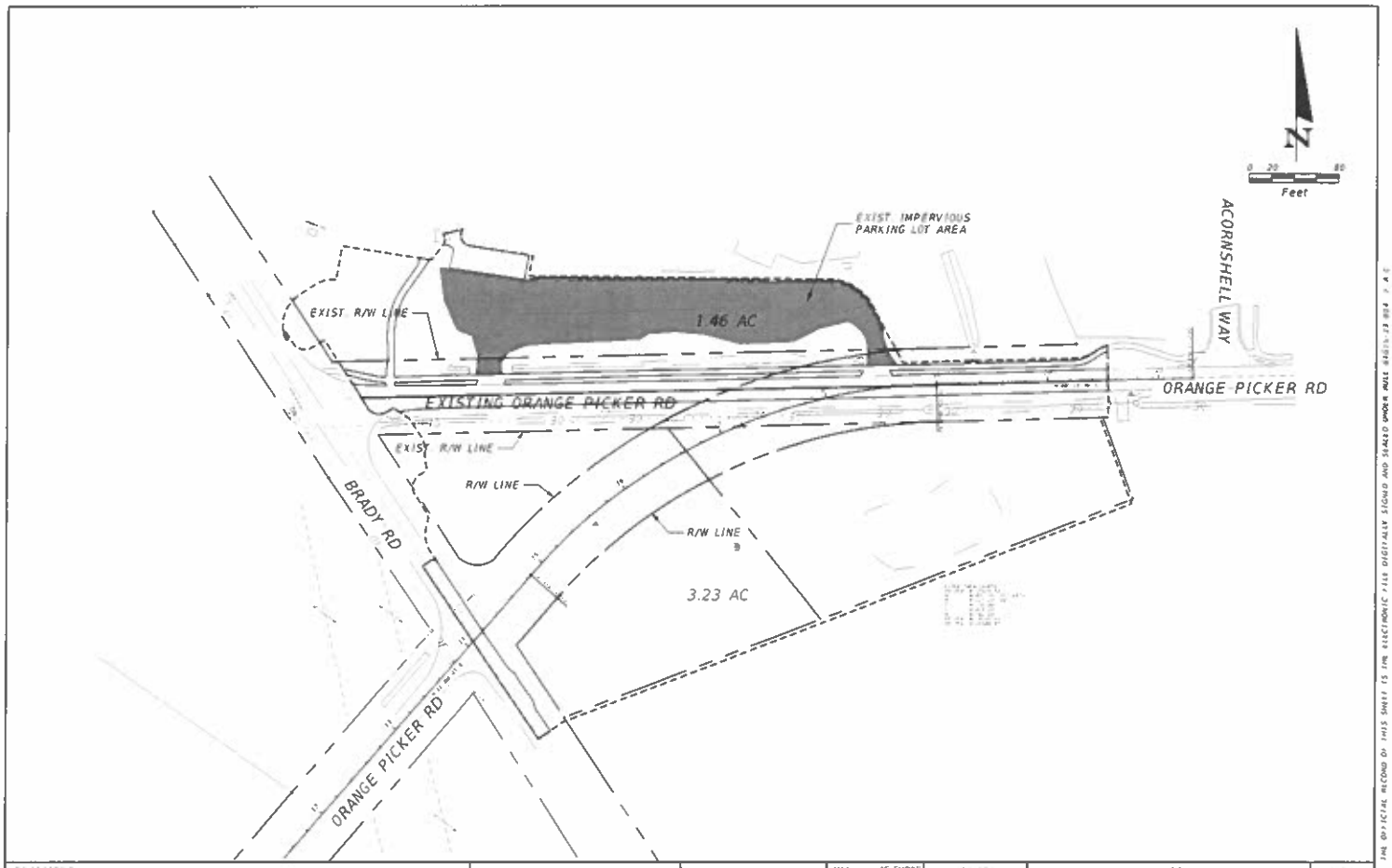
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DESIGN | JNM |
| CHECKED | SMM |
| APPROVED | SMM |

PROJECT NO 0151448.43

SIGNATURE SHEET

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

C-2

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[illegible]
(904) 363-1160

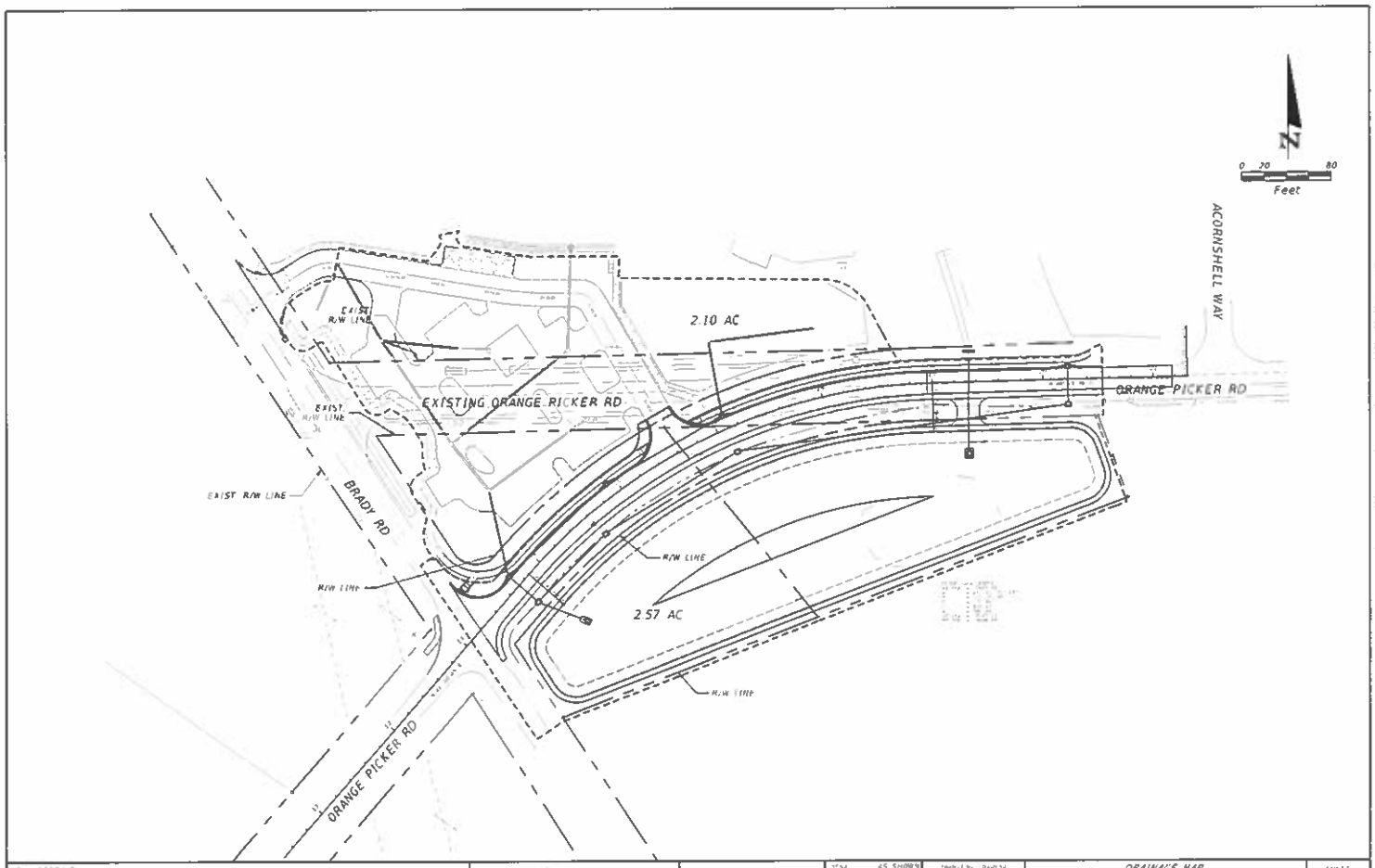
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DRAWN | JKW |
| CHECKED | DRV |
| APPROVED | JHH |

DRAINAGE MAP
PRE-DEVELOPMENT

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

C-3

THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE [illegible]




| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
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gai consultants
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1157 A.C. LAGUIP CENTER BLVD
SUITE 200
JACKSONVILLE, FL 32258
PHONE 904 1210

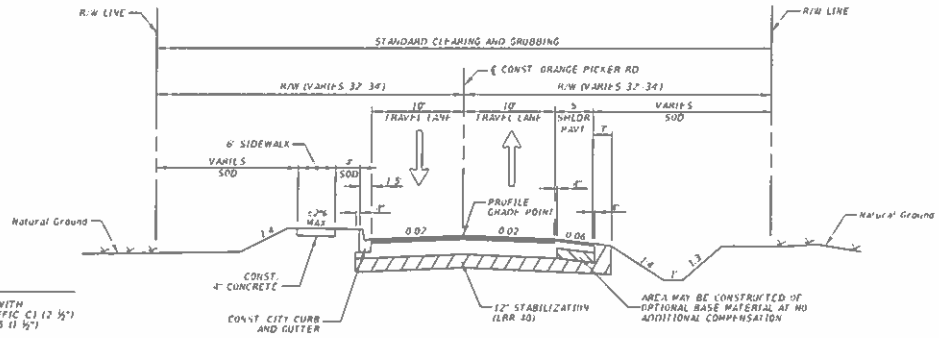
| | |
|---|---|
| DATE | 45 SHEETS |
| SIZE | 11 X 8.5 |
| DRAWN | JKM |
| DESIGN | DMV |
| APPROVED | SMH |

DRAINAGE MAP
POST-DEVELOPMENT

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-4

THE OFFICIAL RECORD OF THIS SHEET IS THE SIGNED AND SEALED ORIGINAL ATTACHED SET OF DRAWINGS




NOTE:
ALL DISTURBED AREAS INSIDE THE RIGHT-OF-WAY OR TEMPORARY CONSTRUCTION EASEMENTS SHALL BE SODDED

### TRAVEL LANES

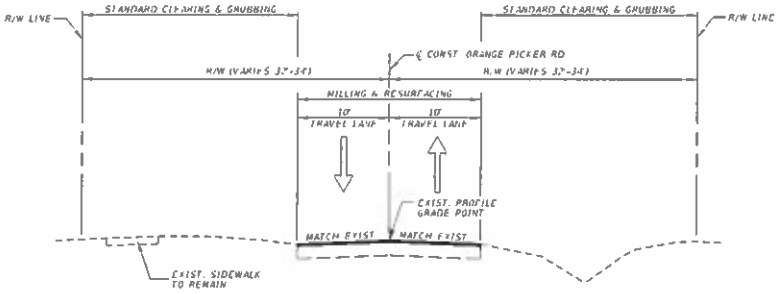
OPTIONAL BASE GROUP 6 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 ½")
AND FRICTION COURSE FC-12.5 (1 ½")

### SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½")

### NEW CONSTRUCTION TYPICAL SECTION

ORANGE PICKER RD.
STA. 14+62.11 TO STA. 20+54.00




### MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1" ½ AVG. DEPTH)
AND RESURFACE WITH FRICTION COURSE FC-12.5
(TRAFFIC C) (1 ½")

### MILLING AND RESURFACING TYPICAL SECTION

ORANGE PICKER RD.
STA. 20+54.00 TO STA. 21+17.43

### TRAFFIC DATA

DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transportation engineers and planners
5255 NW 43rd Street, Suite 100
Gainesville, FL 32609
Phone 352.332.1180

| | | | |
|---|---|---|---|
| SCALE | AS SHOWN | PROJECT NO. | TYPICAL SECTION |
| DATE | 11/30/22 | 0151448.01 | |
| DRAWN | JKM | | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA |
| CHECKED | SMM | | |
| APPROVED | SMM | | |

SHEET NO. C-5

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

# SUMMARY OF DRAINAGE STRUCTURES

| QTY. | STRUCT. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN 15" | STORM DRAIN 18" | STORM DRAIN 24" | CURB INLET D-201 | MANHOLE P-8 | DBI D. C < 10' | DBI D. MOD. | Yard Drain | CD MES 1:2 24" | CONC. CLASS II (CY) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P | S-1 | | LT | Inlet, Pipe | 1 | | 79 | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-2 | | LT | Inlet, Pipe | 1 | 109 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-3 | | LT | Inlet, Pipe | 1 | | 55 | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-4 | | LT | Inlet, Pipe | 1 | 112 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-5 | | LT | Inlet, Pipe | 1 | 74 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-6 | | LT | Inlet, Pipe | 1 | 112 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-7 | | LT | Inlet, Pipe | 1 | 104 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-8 | | LT | Inlet, Pipe | 1 | 67 | | | | | | | 1 | | | Dog Park |
| F | | | | | | | | | | | | | | | | |
| P | S-9 | | LT | Inlet, Pipe | 1 | 63 | | | | | | | 1 | | | Dog Park |
| F | | | | | | | | | | | | | | | | |
| P | S-10 | | LT | Inlet, Pipe | 1 | 63 | | | | | 1 | | | | | Parking Lot |
| F | | | | | | | | | | | | | | | | |
| P | S-100 | 14+72.00 | RT | Inlet, Pipe, MES | 1 | | | 38 | | | | | | 1 | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-101 | 14+72.04 | LT | Inlet, Pipe | 1 | | 32 | | 1 | | | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-102 | 15+62.61 | RT | Inlet, Pipe | 1 | | 83 | | | | 1 | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-103 | 15+91.03 | LT | Inlet, Pipe | 1 | | 118 | | 1 | | | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-104 | 17+09.77 | LT | Inlet, Pipe | 1 | | 115 | | 1 | | | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-105 | 17+09.79 | RT | Inlet, Pipe | 1 | | 136 | | | | 1 | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-106 | 19+32.00 | RT | Inlet, Pipe | 1 | | 93 | | | | | 1 | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-107 | | | | | | | | | | | | | | | NOT USED |
| F | | | | | | | | | | | | | | | | |
| P | OF-101 | 19+32.00 | LT | EW | 1 | | | | | | | | | | 1.56 | 18" PIPE |
| F | | | | | | | | | | | | | | | | |
| P | S-108 | 20+22.62 | LT | Inlet, Pipe | 1 | | 32 | | 1 | | | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | S-109 | 20+22.62 | RT | Inlet, Pipe | 1 | | 298 | | | | 1 | | | | | Orange Picker Road |
| F | | | | | | | | | | | | | | | | |
| P | TOTAL | | | | | 704 | 1041 | 38 | 4 | 0 | 11 | 1 | 2 | 1 | 1.56 | |
| F | TOTAL | | | | | | | | | | | | | | | |

| REV. | DATE | BY | DESCRIPTION |
|---|---|---|---|
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gai consultants
transform ideas into reality
1104 A LABLEP CENTER BLVD
SUITE 200
JACKSONVILLE, FL 32258
(904) 268 1210

SCALE: AS SHOWN
DATE: 11 30 22
DESIGN: JKW
DRAWN: DRV
CHECKED: SHH

PROJECT NO. 0151448.01

SUMMARY OF DRAINAGE STRUCTURES

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-6

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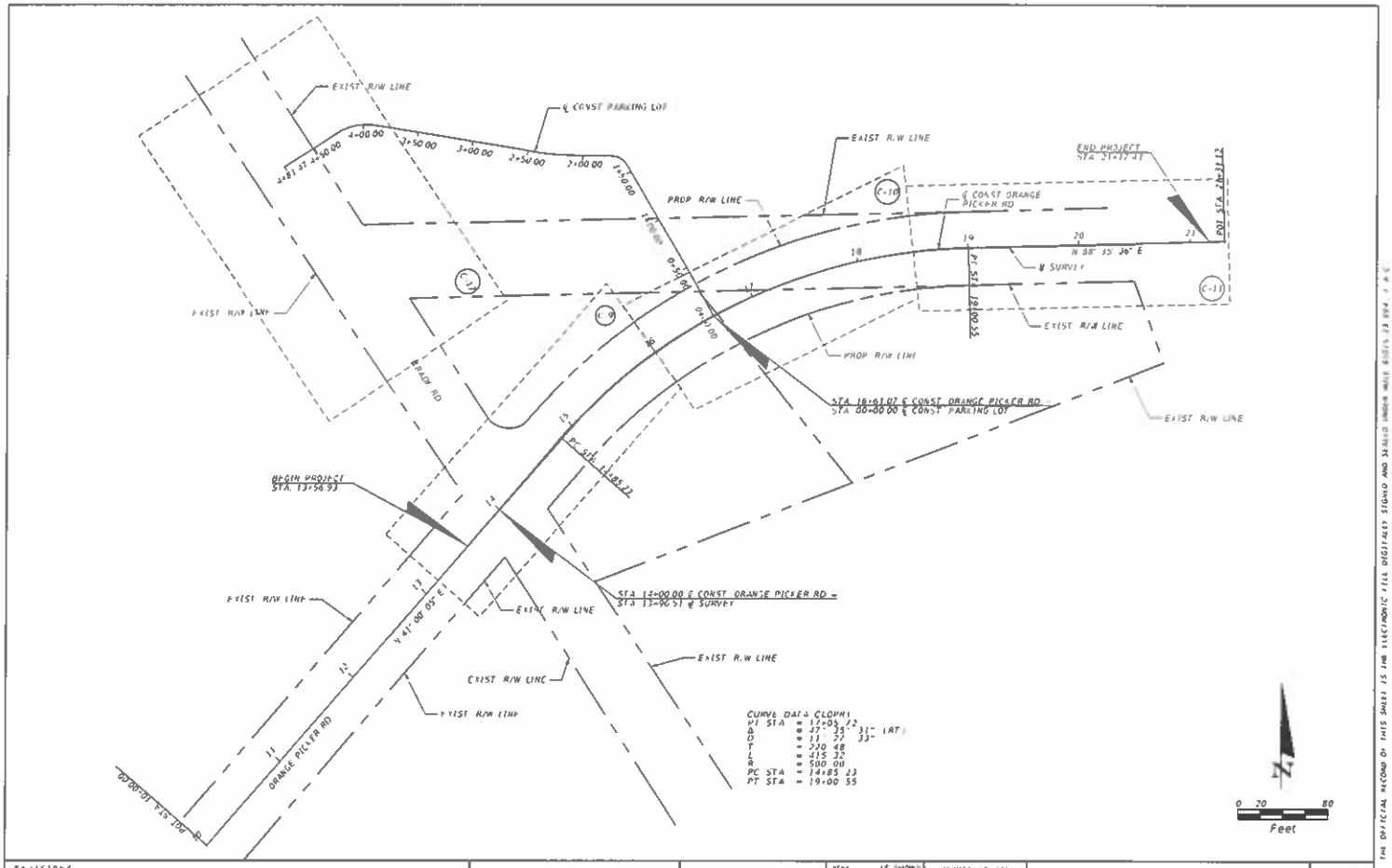


| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants

| | | | |
|---|---|---|---|
| SCALE | AS SHOWN | PROJECT NO. | PROJECT LAYOUT |
| DATE | 11/10/22 | 0131448.01 | |
| DRAWN | JSW | | ORANGE PICKER RD REALIGNMENT JACKSONVILLE, FLORIDA |
| CHECKED | SMW | | |
| APPROVED | SMW | | C-7 |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED BY THE P.E.

## GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF PUBLIC AND PRIVATE PROPERTY ALONG AND ADJACENT TO THE PROJECT SITE. THE CONTRACTOR SHALL USE SUITABLE PRECAUTION TO PREVENT DAMAGE TO ALL UNDERGROUND STRUCTURES, WHETHER SHOWN ON THE PLANS OR NOT, AND SHALL PROTECT CAREFULLY FROM DISTURBANCE OR DAMAGE, ALL LAND MONUMENTS AND PROPERTY MARKS UNTIL THE ENGINEER HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION AND SHALL NOT MOVE THEM UNTIL DIRECTED.

2. THE CONTRACTOR SHALL MAINTAIN FLOW IN ALL DITCHES, PIPES AND CULVERTS DURING NON-WORKING HOURS. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF APPLICABLE PERMITS.

3. POLLUTANTS OR POTENTIALLY HAZARDOUS MATERIALS, SUCH AS CONCRETE, ASPHALT, OILS, LUBRICANTS, LEAD PAINT, CHEMICALS OR MATERIALS, SHALL BE TRANSPORTED, STORED AND USED IN A MANNER TO PREVENT LEAKAGE OR SPILLAGE INTO THE ENVIRONMENT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPER AND LEGAL DISPOSAL OF ALL SUCH MATERIALS.

4. EQUIPMENT, ESPECIALLY CONCRETE OR ASPHALT TRUCKS, SHALL NOT BE WASHED OR CLEANED OUT ON THE PROJECT OR IN AREAS WHERE CONTAMINANTS CAN ENTER WATERWAYS.

5. DISCHARGING WASH DOWN WATER INTO STORM DRAINS, STREAMS OR RIVERS IS ILLEGAL.

6. THIS PROJECT WILL BE CONSTRUCTED UNDER CITY OF JACKSONVILLE LATEST EDITION STANDARD SPECIFICATIONS AND STANDARD PLANS.

7. THE ABANDONED WELL AT APPROXIMATELY STATION 16+60 RT IS LOCATED NEAR THE BOTTOM OF THE POND AND WILL BE IMPACTED BY CONSTRUCTION IN THE POND. THIS WELL WILL NEED TO BE FURTHER MODIFIED FOR ABANDONMENT BY A LICENSED WATER WELL CONTRACTOR TO COMPLY TO WATER WELL CONSTRUCTION STANDARDS. THE WELL PIPING SHALL BE REMOVED TO THE BOTTOM OF THE POND PLUGGED WITH GROUT AND CAPPED. A PERMIT IS REQUIRED FROM THE SJRWMD FOR THE ABANDONMENT OF AN EXISTING WELL REGARDLESS OF THE SIZE. THE CONTRACTOR IS RESPONSIBLE FOR THE PERMIT FEES AND APPLICATION COORDINATE WITH GARY POSTER PG SJRWMD WELL PLUGGING PROGRAM MANAGER 386 329 4422 gposter@sjrwmd.com

## GENERAL SITE NOTES:

1. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES TO HIS EMPLOYEES AND FOR ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH OSHA REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTORS BID.

2. THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA (811) FOR UTILITIES LOCATES IN ACCORDANCE WITH STATE LAW PRIOR TO EXCAVATING. THE CONTRACTOR IS ALSO LIMITED TO TAKE COLOR PHOTOGRAPHS ALONG THE NORTH OR WITHIN THE PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND AID IN RESOLVING POSSIBLE FUTURE ISSUES THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.

3. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES, PROPERTY LINES, AND CONFIRM ALL PROPOSED DIMENSIONS AND ELEVATIONS PRIOR TO COMPLETING ANY CONSTRUCTION OR ORDERING ANY MATERIALS.

## GENERAL SITE NOTES:

4. ALL MATERIAL AND WORKMANSHIP ARE TO BE WARRANTED BY THE CONTRACTOR TO THE CITY OF JACKSONVILLE FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF THE FDOT AND THE CITY OF JACKSONVILLE.

5. IF DEWATERING CAPACITY REQUIRES A CONSUMPTIVE USE PERMIT (CUP), IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE PERMIT THROUGH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE ENGINEER FOR APPROVAL OF ALL DEWATERING OPERATIONS PRIOR TO COMMENCEMENT.

6. PRIOR TO ANY DISCHARGE OF GROUND WATER (DEWATERING) FROM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT TO WATERS OF THE STATE (INCLUDING, BUT NOT LIMITED TO, WETLANDS, SWALES AND MUNICIPAL STORM SEWERS), THE CONTRACTOR SHALL USE THE LEAST INVASIVE TO BE DISCHARGED IN ACCORDANCE WITH RULE 62-621.300(2) F.A.C. IF TEST RESULTS OR THE EFFLUENT ARE BELOW THE SCREENING VALUES OF RULE 62-621.300(2) F.A.C. THE CONTRACTOR SHALL SUBMIT A SUMMARY OF THE PROPOSED CONSTRUCTION ACTIVITY AND THE TEST RESULTS TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DISTRICT OFFICE WITHIN ONE (1) WEEK OF THE DISCHARGE BEGINS. THE CONTRACTOR SHALL CONTINUE TO SAMPLE THE EFFLUENT AS REQUIRED THROUGHOUT THE PROJECT AND COMPLY WITH ALL CONDITIONS OF RULE 62-621.300(2) F.A.C. THE CONTRACTOR SHALL COMPLY WITH OTHER APPLICABLE RULES AND REGULATIONS PRIOR TO DISCHARGE OF THE EFFLUENT (GROUND WATER) TO THE SURFACE WATER OF THE STATE.

7. DEBRIS REMOVAL SHALL FOLLOW DIVISION III 20 TO OF THE CONTRACT SPECIFICATIONS.

8. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTACT THE PROJECT MANAGER TO COORDINATE THE SURVEYING TEAM TO RESET THE PROPERTY CORNERS.

9. ALL UNDERGROUND UTILITIES TO BE INSTALLED UNDER PAVEMENT MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.

10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL MATERIALS TO THE ENGINEER FOR REVIEW AND APPROVAL TO PURCHASE OR CONSTRUCTION OF ANY UTILITY OR STORM PIPE OR STRUCTURES.

## PAVING AND DRAINAGE NOTES:

1. ALL DRAINAGE PIPE JOINTS ARE TO BE FILTER FABRIC WRAPPED.

2. ALL INVERTS IN DRAINAGE STRUCTURES TO BE PRECAST OR BRICK WITH LAYER OF MORTAR BETWEEN EACH LAYER OF BRICK OR REDI-MIX CONCRETE WITH #57 STONE.

3. ALL PIPE LENGTHS ARE STATED DIMENSIONS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH FDOT REQUIREMENTS AND SHALL BE CONSTRUCTED TO CONFORM WITH GRADING PROFILE LINES AND LOW POINTS AS SHOWN ON THE PLANS.

4. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT THE TIME OF ACCEPTANCE.

5. ALL PIPE LENGTHS SHOWN ON CONSTRUCTION DRAWINGS ARE FROM THE CENTER TO CENTER OF STRUCTURES. INVERT ELEVATIONS SHOWN ON THE DRAWINGS ARE TO THE CENTERLINE OF STRUCTURES.

6. [illegible] VISIONS AND PROVIDED ACCESS TO EACH PROPERTY AT ALL TIMES DURING CONSTRUCTION.

7. RESIDENTIAL DRIVEWAY CLOSURES SHALL BE COORDINATED WITH EACH RESIDENT.

8. ALL PROPOSED ROUND STORM PIPE WITHIN PROJECT LIMITS SHALL BE CORRUGATED POLYPROPYLENE DUAL WALL (SMOOTH INTERIOR) HP STORM PIPE AS MANUFACTURED BY ADS. ALL ELLIPTICAL PIPE WITHIN PROJECT LIMITS SHALL BE RCP.

## UTILITY CONTACTS

| | | |
|---|---|---|
| AT&T FLORIDA | PC PAGE | (904) 727 1908 |
| COMCAST | JAMES GRAHAM | (904) 380 6331 |
| JEA ELECTRIC DIST | MIKE SHORT | (904) 665-7048 |
| JEA ELECTRIC TRANS | DAVID REINHART | (904) 665 7380 |
| JEA FIBER | KENNY WATSON | (904) 901 3292 |
| JEA WATER/SEWER | MIKE BARBER | (904) 665 6754 |
| FLCO PEOPLE GAS | DOUGLAS DAVIS | 1-877-832-6747 / (904) 443-1751 |
| FPUC LIGHTING | JOHN CRAWFORD | (904) 360 5700 |
| CITY OF JACKSONVILLE TRAFFIC DEPT | CARLTON COPPLAND | (904) 255-7552 |
| FDOT ITS | MATT HANDLEY | (904) 903 2013 |

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |
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| | | | |

gai consultants
TRANSPORTATION SERVICES DIVISION
5255 BELFORT CENTER BLVD
SUITE 200
JACKSONVILLE, FL 32256
(904) 363-1130

UNLESS OTHERWISE NOTED ON THE REPORT

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DRAWN | JSM |
| CHECKED | SMM |
| APPROVED | SMM |

PROJECT NO. DRAWING
8151448 41

GENERAL NOTES

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-8

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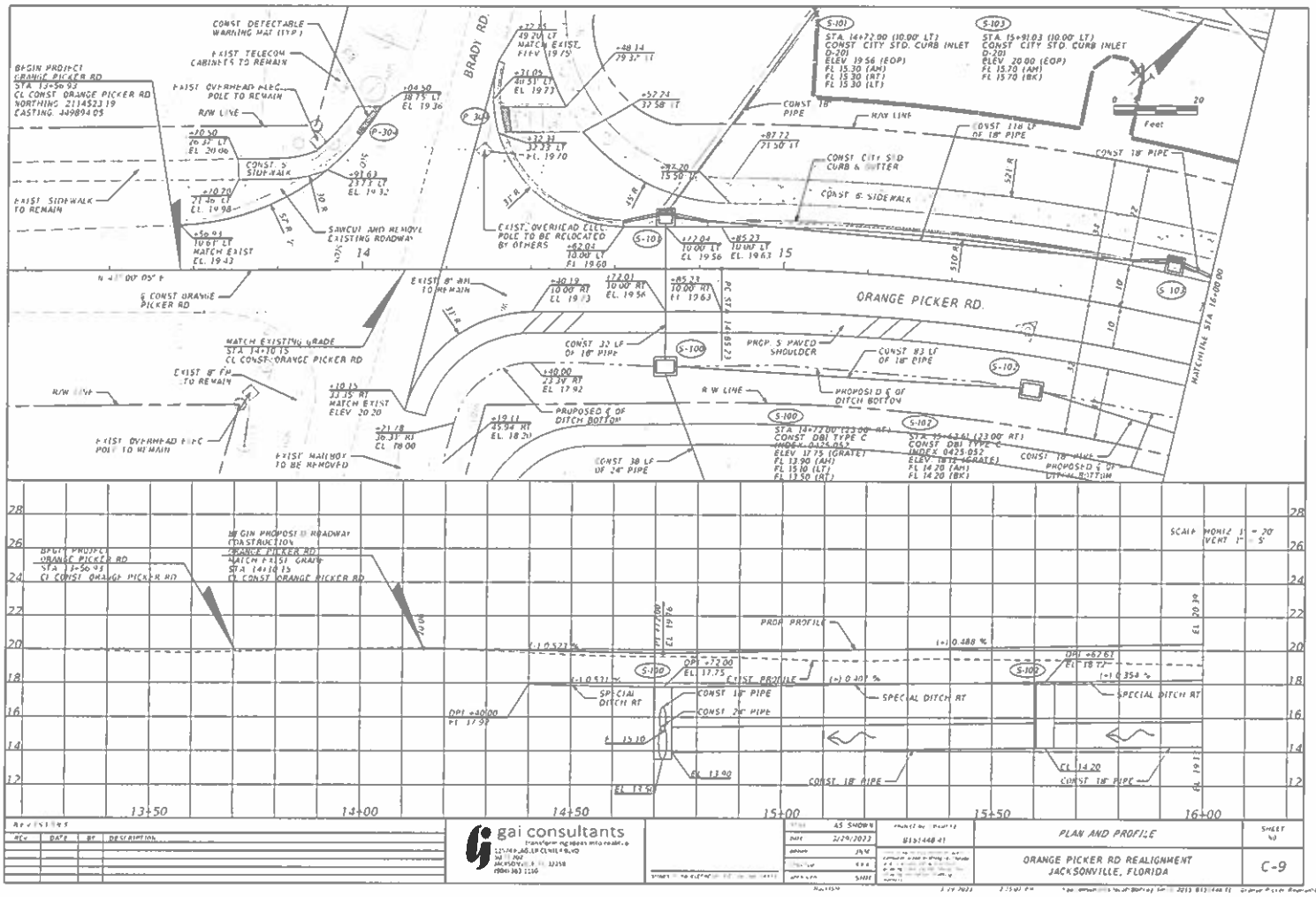
3/29/2023 2:23:26 PM
J:\8151448 41\Drawings\Plans\Sheets\C-8 GENERAL NOTES.dwg
Layout: C-8 GENERAL NOTES
Plotted by: Smith, Shane M. (GAI Consultants, Inc.)




| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |

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transform ideas into reality
32256

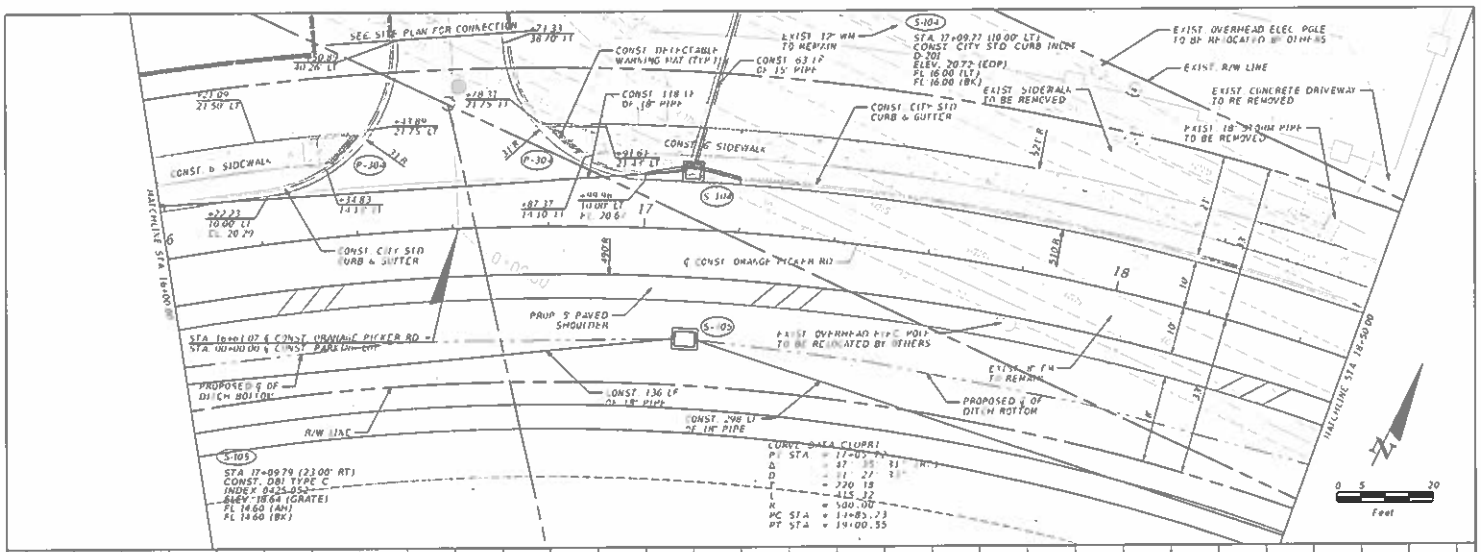
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 2/24/2023 |
| DRAWN | JMM |
| CHECKED | KBB |
| APPROVED | SMM |

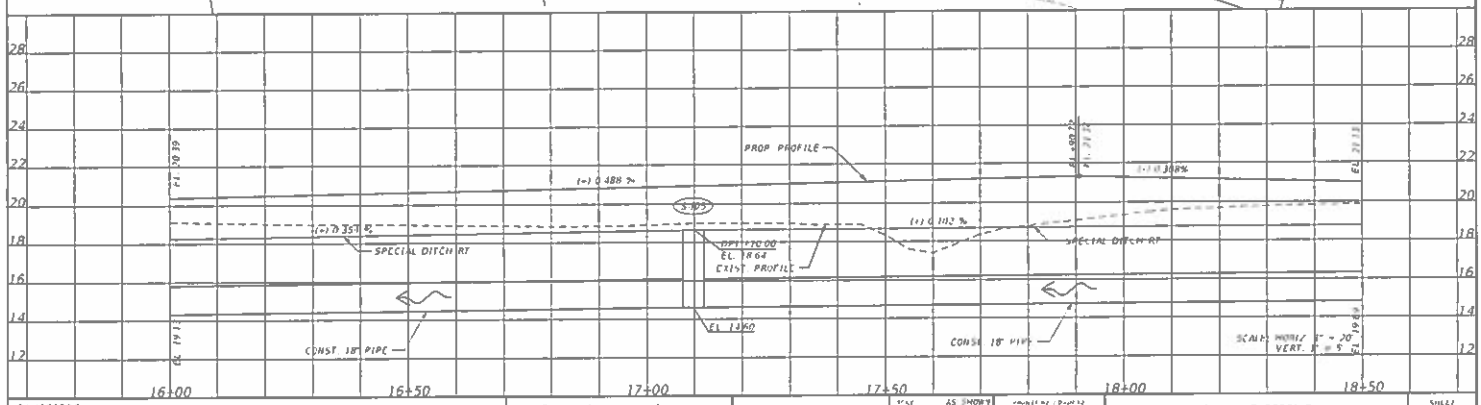
PROJECT NO. 0131448.01

PLAN AND PROFILE

ORANGE PICKER RD REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-9

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12570 Beach Blvd, Suite 3
Jacksonville, FL 32246
(904) 363-1100

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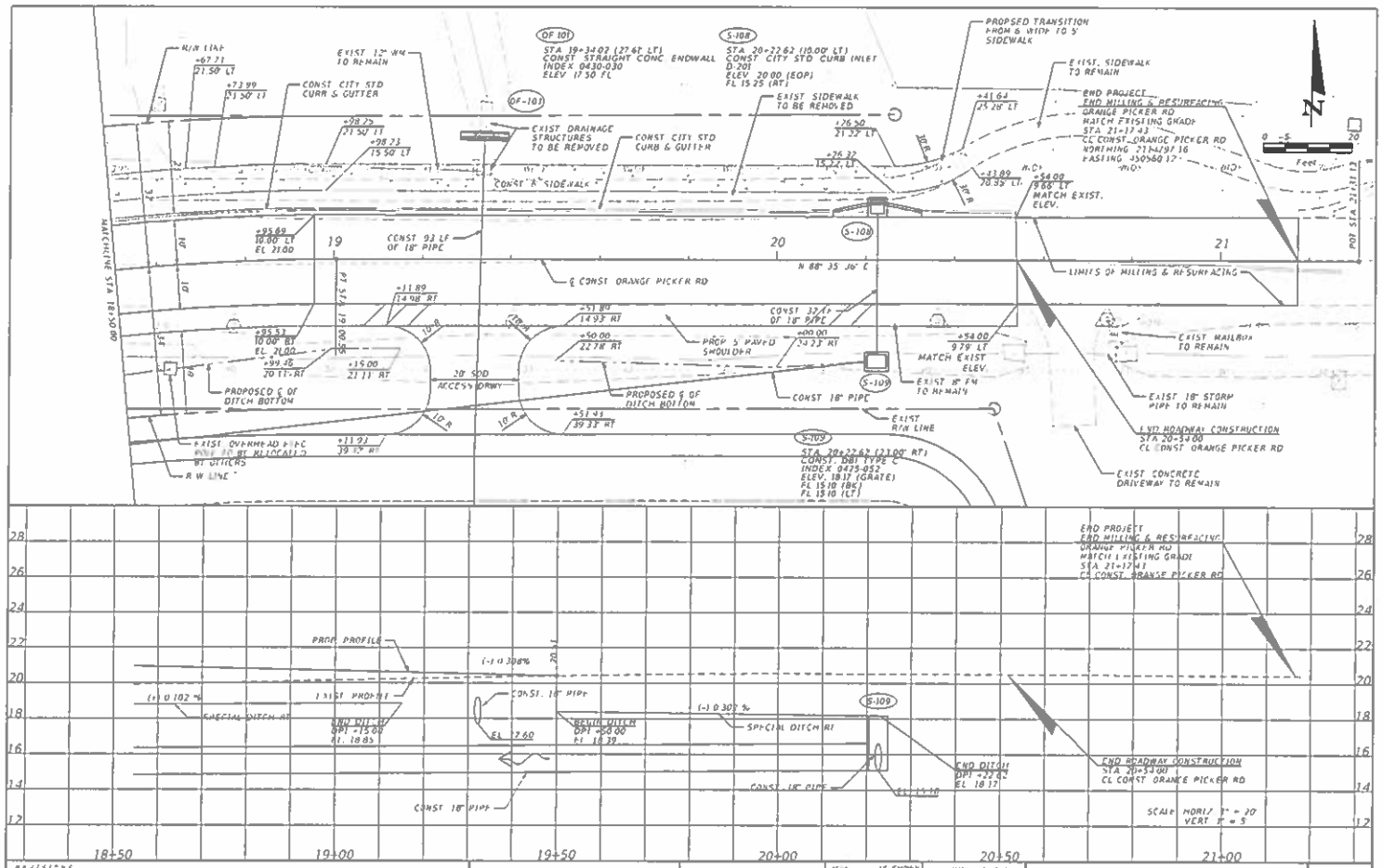
| DATE | 2/29/2012 |
| DESIGN | JKB |
| DRAWN | RDK |
| CHECKED | SMH |

PROJECT NO. 0-0-0-12
0131448.01

PLAN AND PROFILE

ORANGE PICKER RD REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-10

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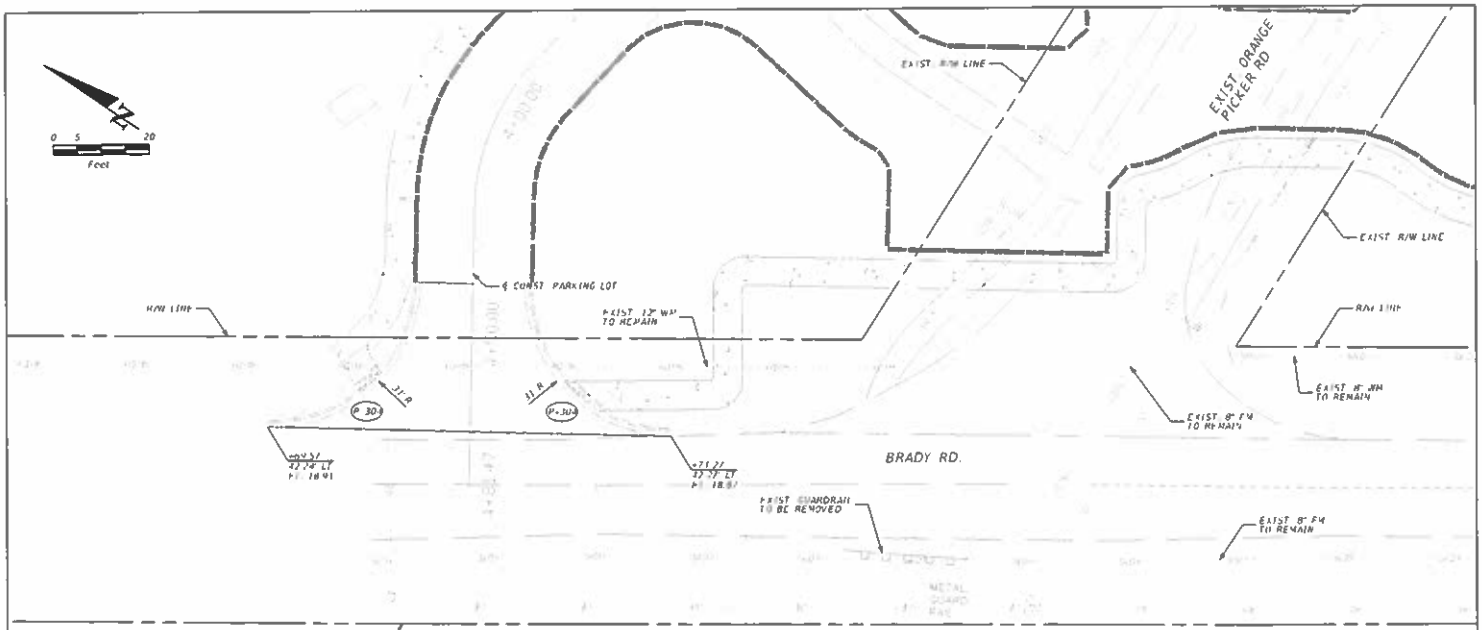
| SCALE | AS SHOWN |
| DATE | 3/29/2023 |
| DRAWN | JSM |
| CHECKED | RJK |
| APPROVED | SMH |

PROJECT NO. / SHEET NO. 0133448.01

PLAN AND PROFILE

ORANGE PICKER RD REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-11




NOTE

1. STATION AND OFFSETS TAKEN FROM THE CENTERLINE CONST OF THE PARKING LOT

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gai consultants
transforming communities
4203 Salisbury Road
Suite 300
Jacksonville, FL 32216
(904) 363-2290

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| SCALE | AS SHOWN | FAIN/FAP NUMBER | PLAN AND PROFILE |
| DATE | FEB 20, 22 | 0151148 41 | |
| DRAWN | JKW | | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA |
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| APPROVED | SHB | | |

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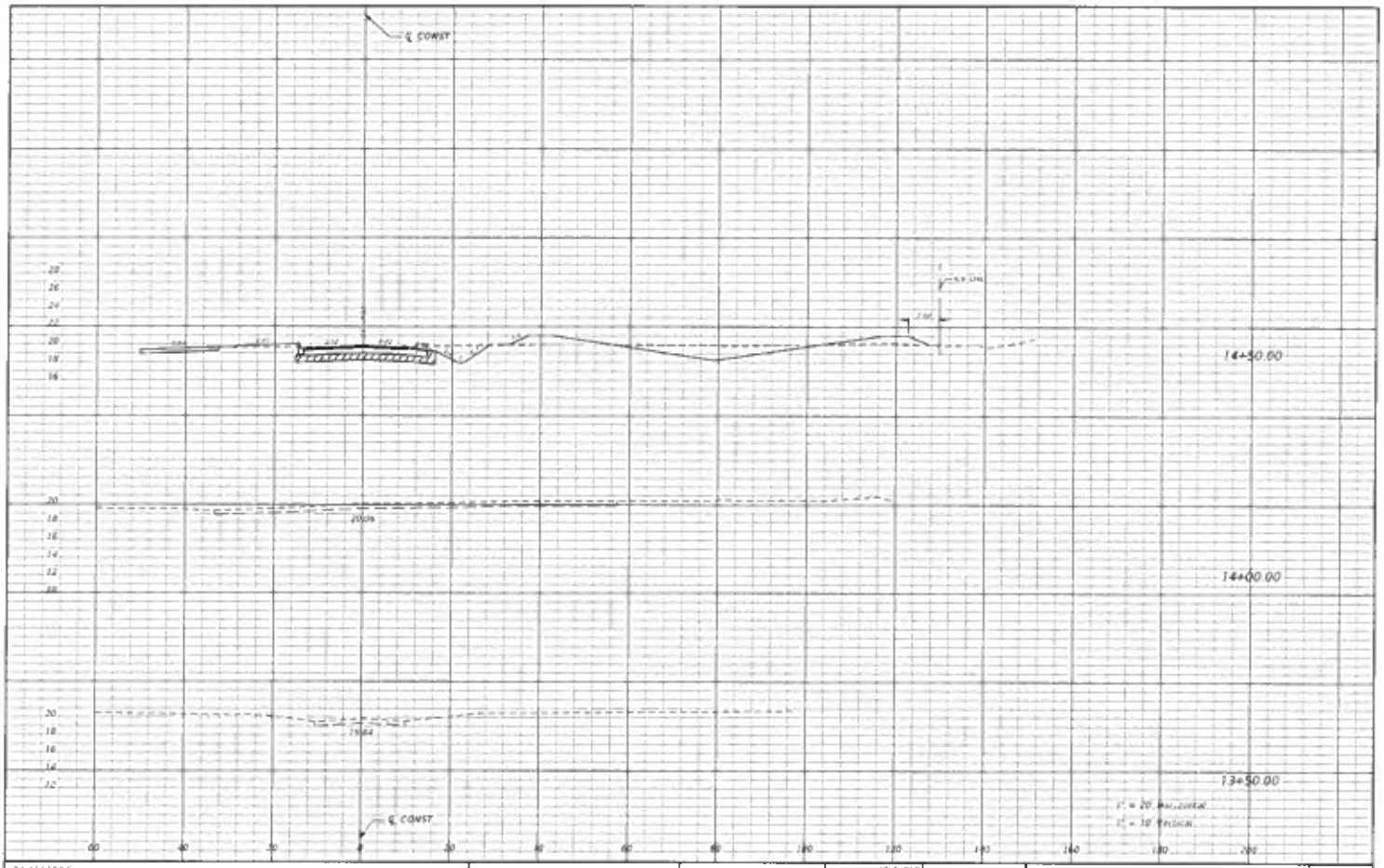


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1301 Riverplace Blvd, Suite 900
Jacksonville FL 32207
904 363 1110

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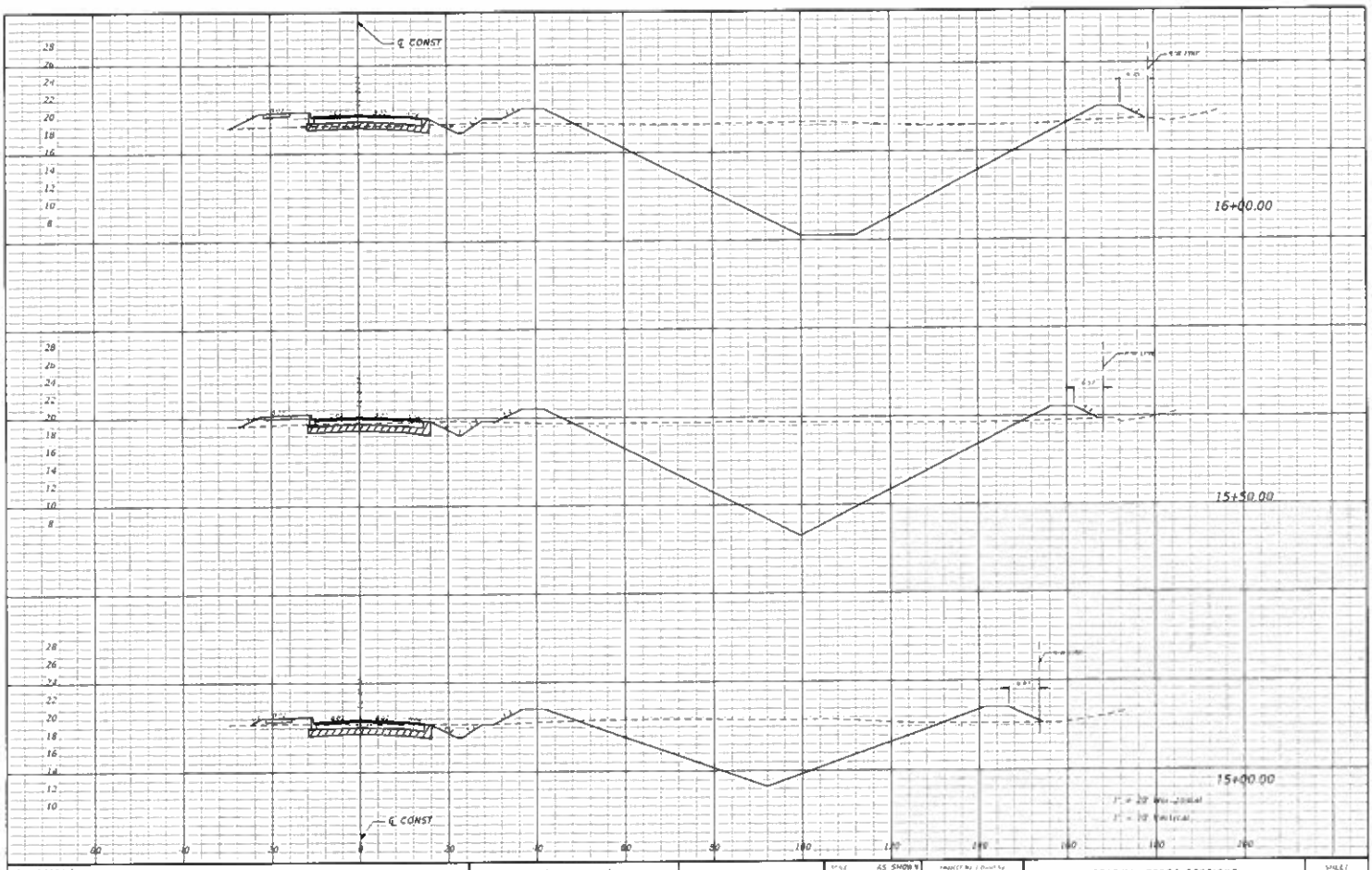
| DESIGN | JKW |
| DRAWN | BDK |
| APPROVED | SMH |

PROJECT NO. / CONTRACT NO.
0131448-41

ROADWAY CROSS-SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-13

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| SCALE | AS SHOWN |
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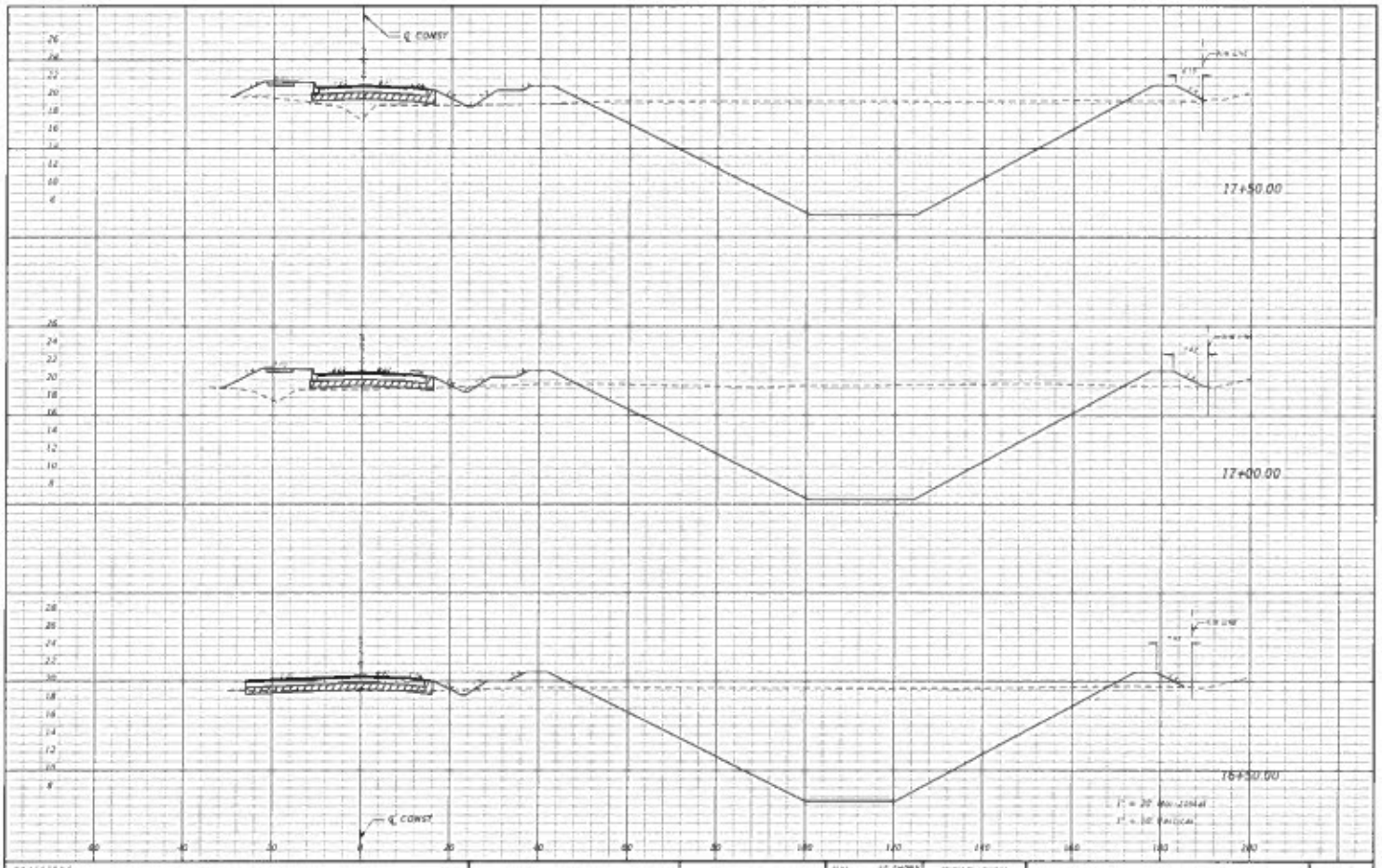
| DESIGN | JKW |
| DRAWN | TJC |
| CHECKED | SHH |

PROJECT No / Task No
0131448.41

ROADWAY CROSS-SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET No
C-14

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Transportation Engineers and Planners

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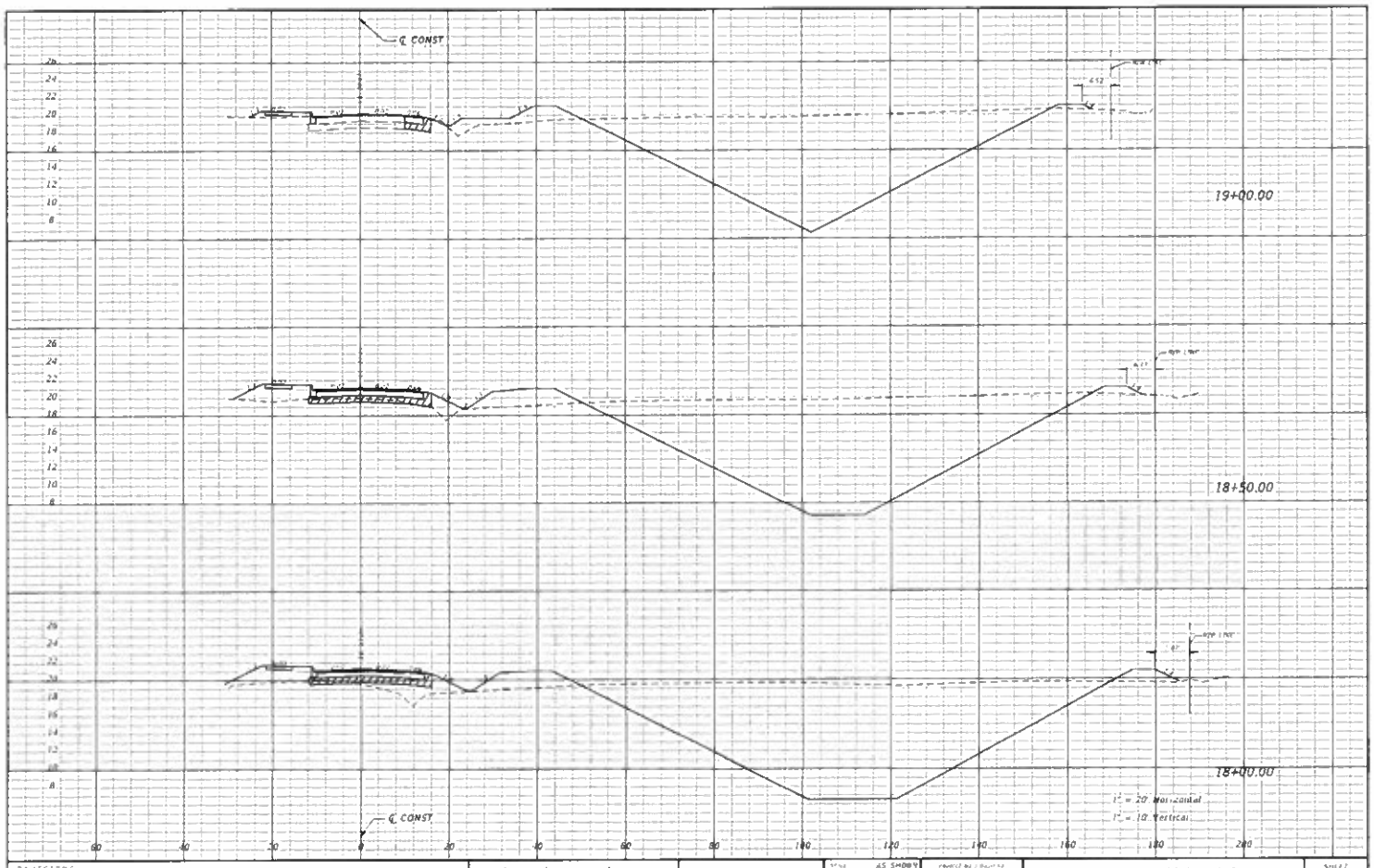
| FILE | GS 040809 |
| DATE | 01/01/2013 |
| DESIGN | JAM |
| CHECK | SBG |
| DRAWN | CMM |

ROADWAY CROSS-SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-15

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Jacksonville FL 32207
904 843 3130

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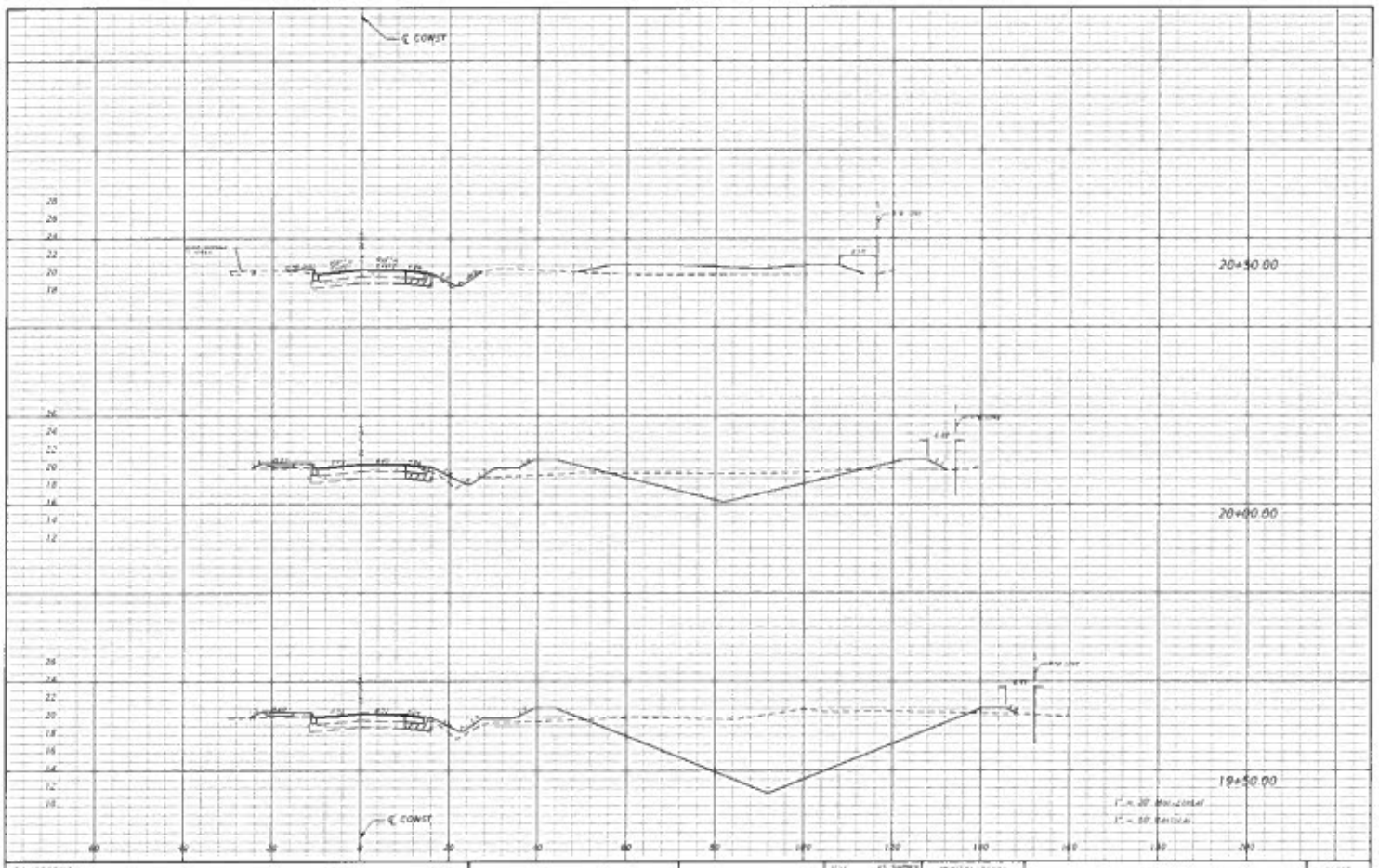
ROADWAY CROSS-SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-16

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| DATE | 2/28/2023 |
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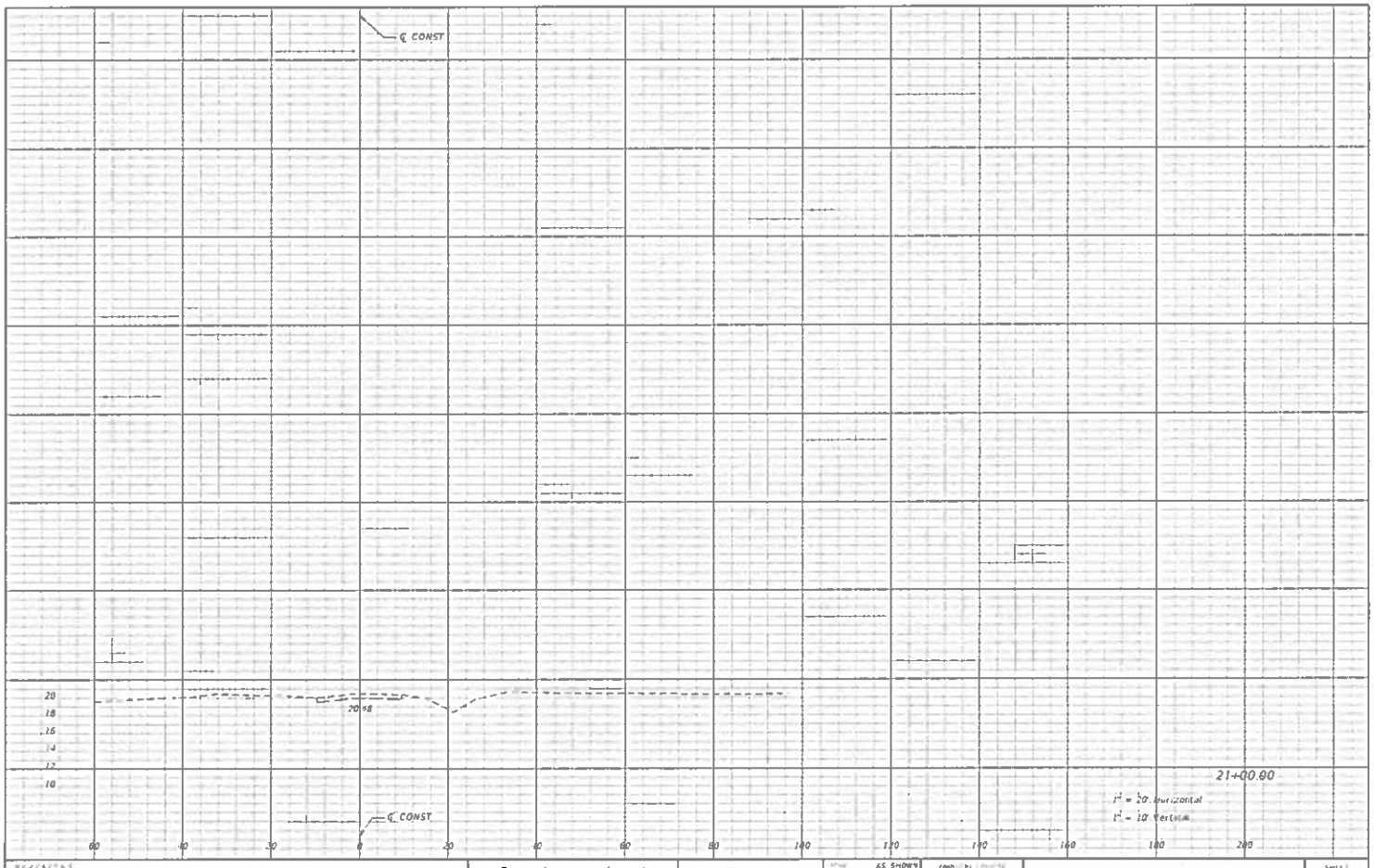
ROADWAY CROSS-SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-17

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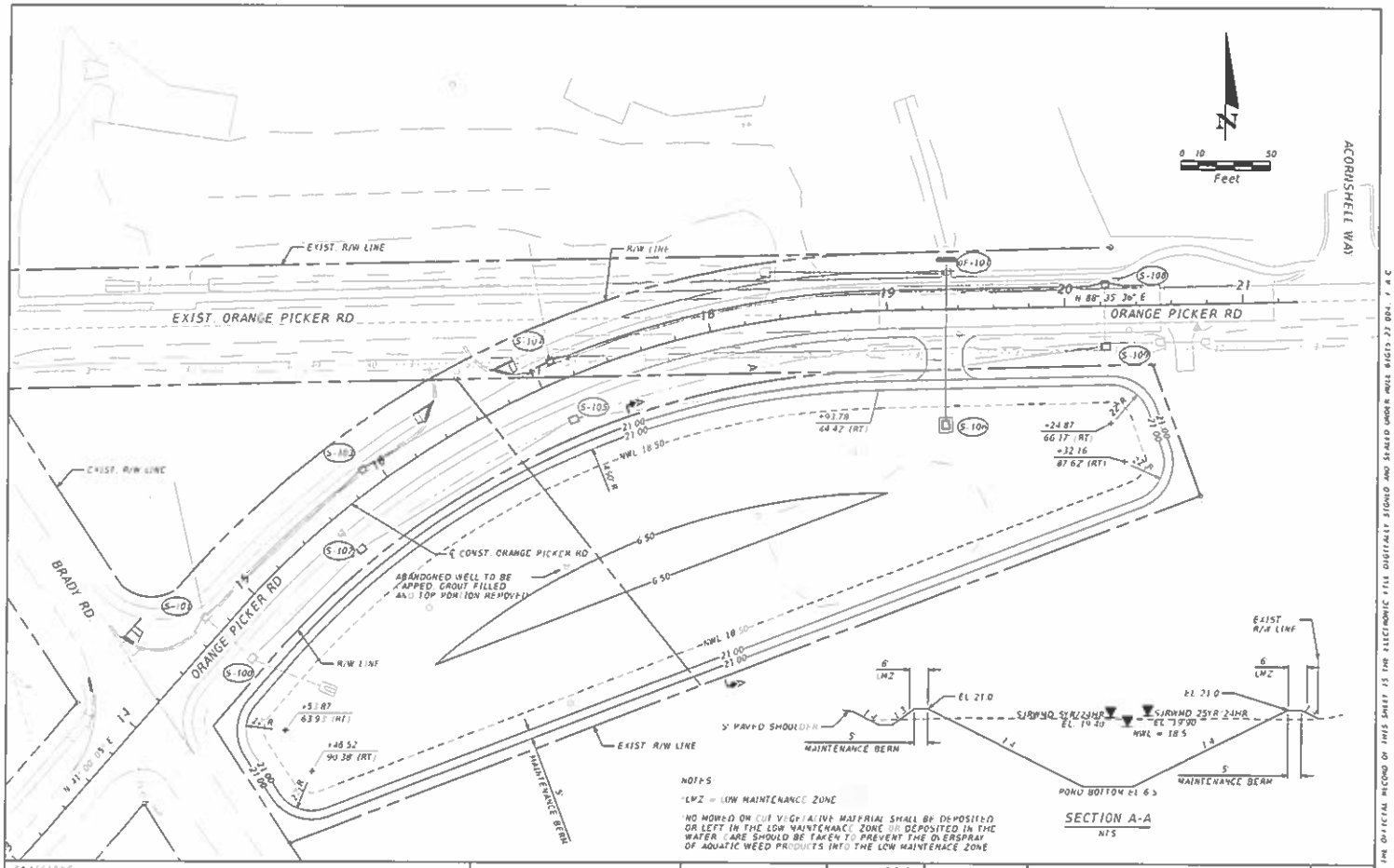
ROADWAY CROSS SECTIONS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET
C-18




NOTES

*LMZ = LOW MAINTENANCE ZONE

NO MOWED OR CUT VEGETATIVE MATERIAL SHALL BE DEPOSITED OR LEFT IN THE LOW MAINTENANCE ZONE OR DEPOSITED IN THE WATER. CARE SHOULD BE TAKEN TO PREVENT THE OVERSPRAY OF AQUATIC WEED PRODUCTS INTO THE LOW MAINTENACE ZONE

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PROJECT NO. 0151448.01

POND DETAIL

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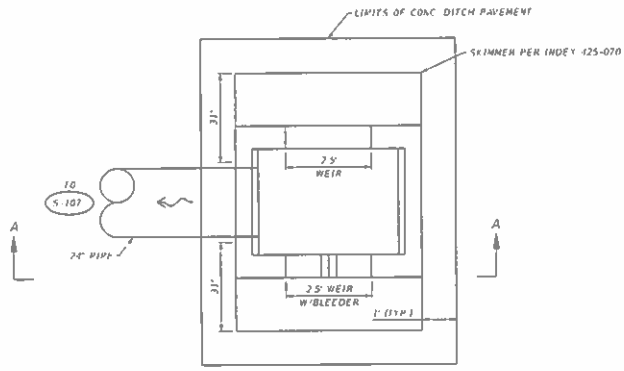
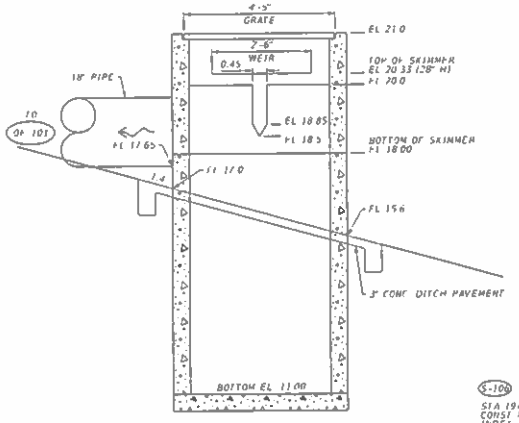
SHEET NO.
C-19




PLAN
NTS




SECTION A-A
NTS

S-106
STA 19+27.00 (6480' RT)
CONST MODIFIED TYPE D
INDEX 425-052
GRATE EL 21.00
WEIR EL 20.00
BLEEDER EL 18.50
FL 17.65 (18")
BOT EL 11.00

## S-106 DETAILS

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1255 PRITCHARD BLVD
SUITE 204
JACKSONVILLE, FL 32216
(904) 363-1236

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PROJECT (FAP NO.)
0131448-P1

DRAINAGE DETAIL

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-20

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

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE FDOT SPECIFICATIONS, THE FDOT STANDARD PLANS, EROSION & SEDIMENT CONTROL MANUAL (EASC) AND OTHER SHEETS OF THESE CONSTRUCTION PLANS

THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDES SEVERAL ITEMS

- THIS NARRATIVE DESCRIPTION AND DOCUMENTS REFERENCED IN THIS NARRATIVE
- THE CONTRACTORS APPROVED EROSION CONTROL PLAN REQUIRED BY FDOT SPECIFICATION SECTION 104
- REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION
- CONTRACTORS AND SUBCONTRACTORS SIGNED CERTIFICATIONS OF SWPPP

THE SWPPP MUST BE KEPT CURRENT AND UPDATED WITHIN 7 CALENDAR DAYS OF THE EVENT. ALL CHANGES MUST BE SIGNED, DATED KEPT AS ATTACHMENTS TO THE ORIGINAL SWPPP AND POSTED ON THE PROJECT BULLETIN BOARD

1.0 SITE DESCRIPTION

1.A DESCRIPTION OF CONSTRUCTION ACTIVITY

THE ORANGE PICKER ROAD PROJECT INVOLVES DESIGN AND CONSTRUCTION OF THE REALIGNMENT OF ORANGE PICKER ROAD BETWEEN ACKERMAN WAY AND BRADLEY ROAD. THE PROPOSED WORK WILL INCLUDE THE REHABILITATION OF PAVEMENT, DRAINAGE, SIDEWALK AND CURB & GUTTER. OTHER WORK WILL INCLUDE SIGNING & PAVEMENT MARKINGS AND LIGHTING

1.B MAJOR SOIL DISTURBING ACTIVITIES

IDENTIFY THE "DO NOT DISTURB AREAS" (SENSITIVE/WETLANDS) SEE PLANS AND PERMITS

1.C. AREA ESTIMATES

| | |
|---|---|
| TOTAL SITE AREA (ACRES) | 4.69 |
| TOTAL AREA TO BE DISTURBED (ACRES) | 4.69 |

1.D RUNOFF DATA

| RUNOFF COEFFICIENTS | | |
|---|---|---|
| | BEFORE | 0.25 |
| | DURING | 0.16 |
| | AFTER | 0.06 |

OUTFALLS THERE IS 1 OUTFALL

RECEIVING WATER NAME: WETLAND NE OF ALBERT'S FIELD

OUTFALL LOCATIONS (EXISTING)

| DESCRIPTION | STATION | LATITUDE | LONGITUDE | DRAINAGE AREA |
|---|---|---|---|---|
| 1. NORTH SIDE DITCH | | 30° 08' 58" N | 81° 39' [illegible] W | 4.69 AC. |

1.E SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAP. IF AN ADDITIONAL MAP WITH CONTOUR INFORMATION IS REQUIRED, PROVIDE THE APPROPRIATE USGS QUADRANGLE MAP FOR THIS PURPOSE.

FLAG SENSITIVE/WETLAND AREAS NOT TO BE DISTURBED

1.F. RECEIVING WATERS

WATER IS PRIMARILY CONVEYED BY:

CURB AND GUTTER CLOSED DRAINAGE SYSTEM TO A POND

2.0 CONTROLS

2.A EROSION AND SEDIMENT CONTROLS

EROSION AND SEDIMENT CONTROL MEASURES, AT A MINIMUM, SHALL BE PLACED:

- TO PROTECT RECEIVING WATERS
- IN LOCATIONS WHERE THERE IS NO DITCH BACK SLOPE
- AT ALL INLETS AND PONDS
- ALONG THE ROADWAY AT ALL LOCATIONS WHERE THERE IS AN ADJACENT WETLAND

2.A.1 STABILIZATION PRACTICES

DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED

BACKFILL AND STABILIZE WITH SOD WITHIN 48 HOURS OF COMPLETION OF THE CURING PERIOD FOR BOX CULVERTS / EXTENSIONS AND FOR ALL CROSS DRAINS OR OUTFALL MODIFICATIONS

MAINTAIN DRAINAGE UNTIL PERMANENTLY STABILIZED

WHEN EMBANKMENT EXCEEDS TEN FEET OR GREATER IN HEIGHT, STABILIZE THE SIDE SLOPES AS THE EMBANKMENT IS PLACED OR IMMEDIATELY AFTER EACH TEN FEET OF EMBANKMENT IS PLACED.

IF DIRT DAMS ARE TO BE USED, THE DAM MUST BE WRAPPED IN FILTER FABRIC OR AN EQUIVALENT MATERIAL TO PREVENT DIRT FROM BEING WASHED DOWNSTREAM DURING STORM EVENTS.

2.A.2. STRUCTURAL PRACTICES

DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL

NO MATERIAL SHALL BE STOCKPILED IN EROSION PRONE AREAS

2.B. STORMWATER MANAGEMENT

CONSTRUCT STORMWATER SYSTEMS TO CONVEY RUNOFF IN CURB AND GUTTER WITH CLOSED DRAINAGE SYSTEM (INLETS/PIPES) AND CONTROLLED WITH APPROVED DEVICES

2.C. OTHER CONTROLS

2.C.1 OFF SITE VEHICLE TRACKING AND DUST CONTROL

DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER

- COVERING LOADED HAUL TRUCKS WITH TARPAULINS
- REMOVING EXCESS DIRT FROM ROADS DAILY
- USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES
- STABILIZE CONSTRUCTION ENTRANCES
- SOIL TRACKING PREVENTION DEVICE

2.C.2 WASTE DISPOSAL

DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS TO WATERS OF THE STATE

2.C.3 FERTILIZERS AND PESTICIDES

DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES IN ACCORDANCE WITH FDOT SPECIFICATION 570

2.C.4 TOXIC SUBSTANCES

PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE AND DISPOSAL OF THESE SUBSTANCES.

2.C.5. SANITARY WASTE

PROVIDE AND MAINTAIN PORTABLE TOILETS. LOCATIONS APPROVED BY THE ENGINEER

2.D WATER QUALITY MONITORING

IF WATER QUALITY MONITORING CONDITION EXISTS IN THE PERMIT, FOLLOW ALL CONDITIONS WITHIN PERMIT. OTHERWISE, CONDUCT WATER QUALITY MONITORING DURING ALL PHASES OF CONSTRUCTION IMPACTING ANY SOURCE OF SURFACE WATER. DESIGNATE MONITORING LOCATIONS, FREQUENCY AND DEPTH. SUBMIT TO ENGINEER FOR APPROVAL.

MONITOR DISCHARGING ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS UNTIL TURBIDITY READINGS MEET REQUIREMENTS

3.0 MAINTENANCE

PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION

4.0 INSPECTION

PROVIDE THE ENGINEER WITH A MINIMUM OF 24 HOUR NOTICE PRIOR TO THE WEEKLY EROSION CONTROL INSPECTION REQUIRED BY FDOT SPECIFICATION 104-7-1

INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE

5.0 NON-STORMWATER DISCHARGES

OBTAINING ALL DEWATERING PERMITS. IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES. DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES

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GAI TRI INC
ADDRESS
JACKSONVILLE, FL 32258
(904) 363-1230

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| DRAWN | JKM |
| CHECKED | DRV |
| APPROVED | SHH |

PROJECT NO (PROJECT) 81514448.41

STORMWATER POLLUTION PREVENTION PLAN

ORANGE PICKER RD REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO
C-21

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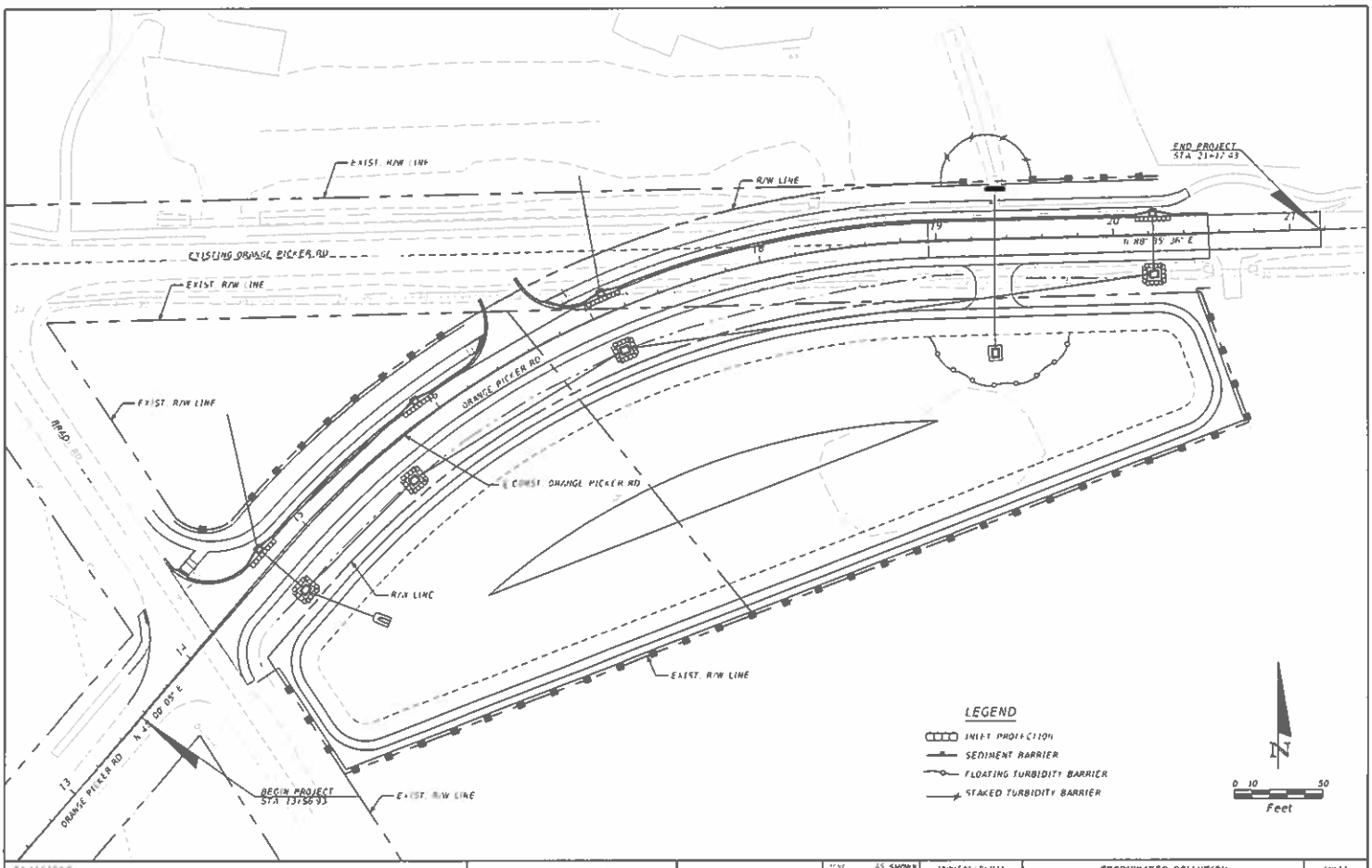


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7251 Bowden Road Blvd
Suite 102
Jacksonville, FL 32216
(904) 363-2110

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| DATE | 11-30-22 |
| DRAWN | JSG |
| CHECKED | DAV |
| APPROVED | SHIP |

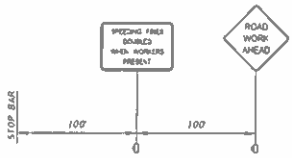
STORMWATER POLLUTION PREVENTION PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

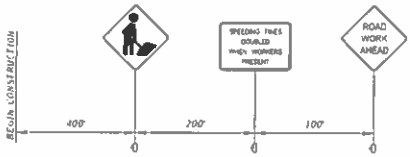
SHEET NO.
C-22

## GENERAL NOTES:

1. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT
2. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC
3. CONTRACTOR SHALL PROVIDE PUBLIC ACCESS TO BUSINESS AND RESIDENTS AT ALL TIMES DURING CONSTRUCTION THROUGH THE USE OF PLATES, COMMERCIAL MATERIAL, STEEL PLATING, OR TEMPORARY BACKFILL AS REQUIRED
4. TEMPORARY CLOSURES OF DRIVEWAYS AND SIDE STREETS TO BE COMPLETED AS REQUIRED
5. THE EXISTING POSTED SPEED LIMIT OF 30 MPH SHALL BE MAINTAINED DURING CONSTRUCTION.
6. ANY DROP OFF HAZARD, AS DEFINED BY FDOT INDEX 102-600 THAT IS CREATED AND NOT RESTORED IN THE SAME WORK PERIOD SHALL BE SHIELDED PER FDOT INDEX 102-600 SIDEWALK AND DRAINAGE CONSTRUCTION SHALL BE COMPLETED PER FDOT INDEX 102-602
7. CLOSURE TO SINGLE LANE TRAFFIC WITH FLAGGING OPERATION SHALL PROCEED PER FDOT INDEX 102-603 AND 102-604
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WITH INDEX 102-600 OF THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARD LATEST EDITION
9. ALL SIGNING, PAVEMENT MARKING, BARRICADES AND WARNING LIGHTS NECESSARY FOR MAINTENANCE OF TRAFFIC SHALL CONFORM TO THE CURRENT EDITION OF THE MUTCD AND INDEX 102-600
10. FOR SIDEWALK CLOSURE REQUIREMENTS AND DETAILS SEE FDOT STANDARD PLANS INDEX 102-660
11. THE CONTRACTOR WILL PROVIDE A WORK ZONE TRAFFIC CONTROL SUPERVISOR CERTIFIED AS AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION CERTIFIED SUPERVISOR. THE INDIVIDUAL WILL BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION AND CONTINUALLY AND ADEQUATELY REVIEW TRAFFIC CONTROL DEVICES TO ENSURE PROPER INSTALLATION AND WORKING ORDER
12. INSTALL CONSTRUCTION SIGNING PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN SIGNAGE DURING CONSTRUCTION
13. FOR MAINTENANCE OF TWO-WAY TRAFFIC, LANE WIDTHS SHALL NOT BE LESS THAN 10 FEET. WHEN ONE LANE OPERATIONS ARE NECESSARY, A MINIMUM OF 12 FEET, UNLESS OTHERWISE SPECIFIED, SHALL BE MAINTAINED AND TRAFFIC CONTROLLED IN ACCORDANCE WITH MUTCD
14. ALL TRAFFIC SIGN MESSAGES SHALL BE MAINTAINED BY UTILIZING THE EXISTING SIGNS, NEW SIGNS OR A COMBINATION OF THE ABOVE
15. POSITIVE DRAINAGE MUST BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION. TEMPORARY DRAINAGE SHALL UTILIZE PROPOSED DRAINAGE STRUCTURES TO THE EXTENT POSSIBLE.
16. EXISTING SIGNS AND PAVEMENT MARKINGS THAT CONFLICT WITH CONSTRUCTION SIGNING AND MARKINGS SHALL BE OBLITERATED, REMOVED OR COVERED
17. STREET NAME SIGNS SHALL BE PLACED WHERE THEY ARE CLEARLY VISIBLE DURING CONSTRUCTION AND BUSINESS ACCESS SIGNS SHALL BE PLACED AT ALL BUSINESSES
18. CONTRACTOR SHALL REFER TO THE CITY OF JACKSONVILLE DEPARTMENT OF PUBLIC WORKS STANDARD DRAINAGE DETAILS SERIES 900 FOR EROSION CONTROL REQUIREMENTS
19. ALL UTILITY ADJUSTMENTS BY OTHERS SHOULD BE COMPLETED PRIOR TO EACH PHASE OF CONSTRUCTION




SIDE STREET ADVANCE WARNING SIGNS




ORANGE PICKER RD & BRADY ROAD ADVANCE WARNING SIGNS

## MOT PHASING NOTES:

1. PHASE 2 ROAD CLOSURE AND DETOUR WILL LAST A MAXIMUM OF 60 DAYS

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| REVISIONS | | | |
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| REV | DATE | BY | DESCRIPTION |

gai consultants
ENGINEERING MATERIALS
12570 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363-1150

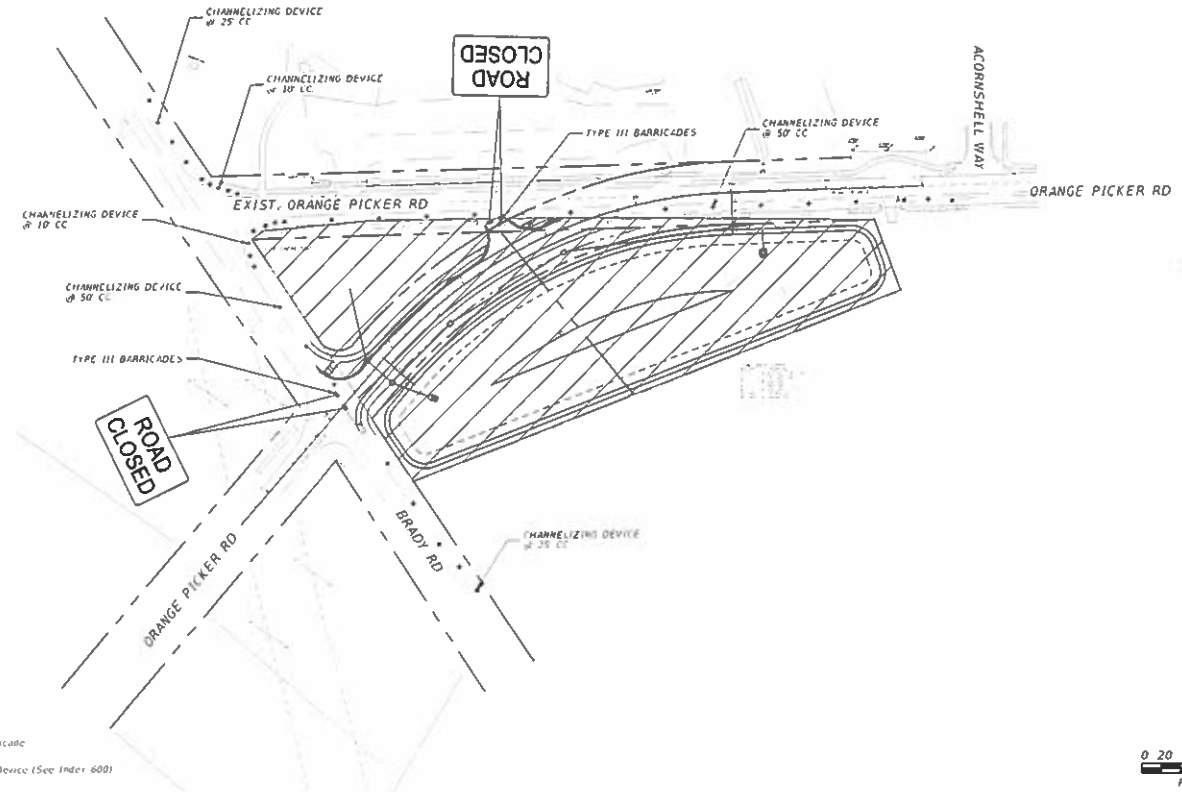
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DESIGN | JKM |
| DRAWN | SMH |
| CHECKED | SMH |

PROJECT NO. 0120-0441

TRAFFIC CONTROL PLAN
GENERAL NOTES

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-23




Work Zone

Type III Barricade

Channelizing Device (See Index 600)

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transforming ideas into reality.
3333 St. Johns Bluff Road
Suite 250
Jacksonville, FL 32224
(904) 363-1100

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DESIGN | JKM |
| DRAWN | SHM |
| CHECKED | SHM |

TRAFFIC CONTROL PLAN
PHASE 1

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-24

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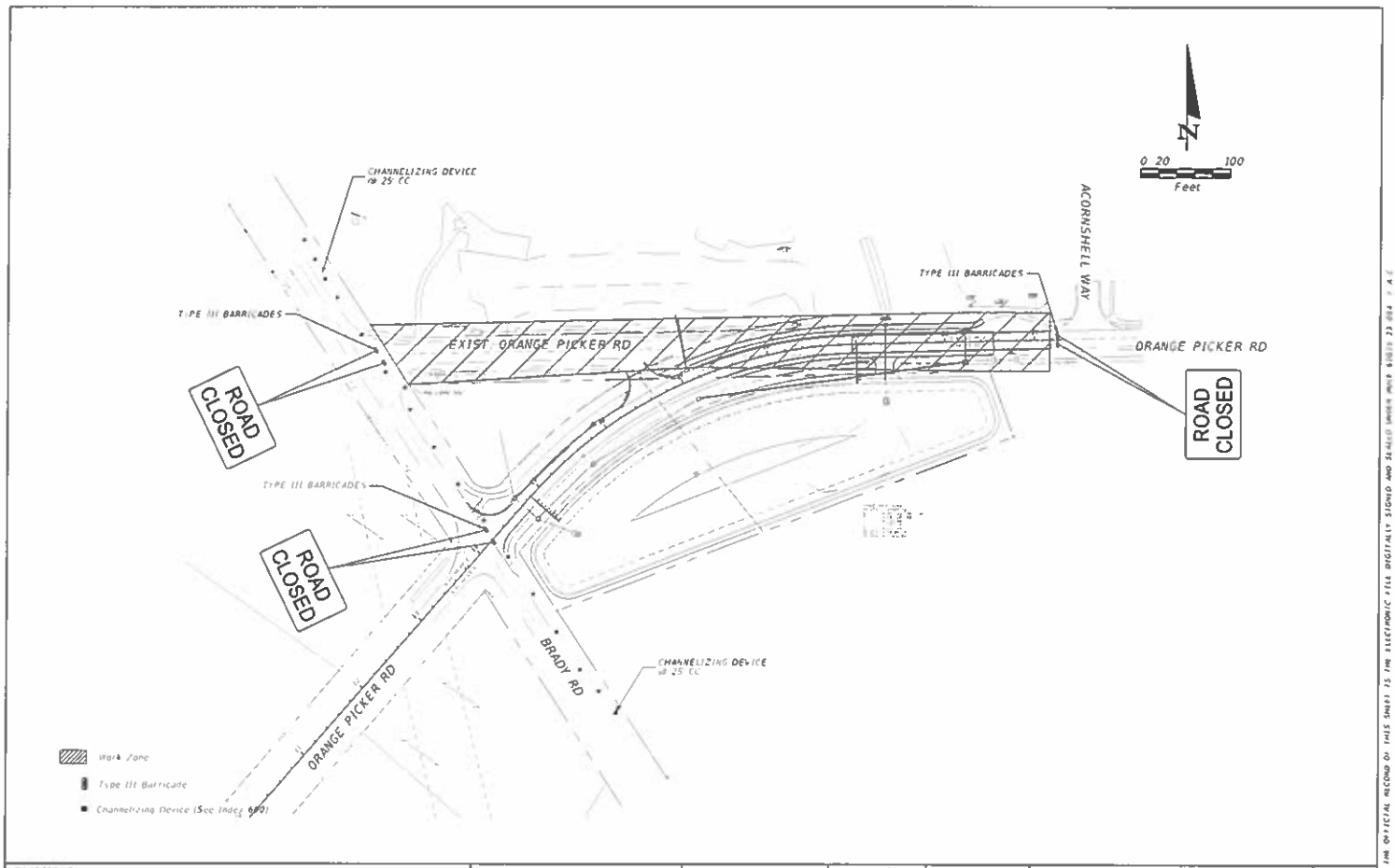


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gai consultants
transforming business into reality.
12701 JAGER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363-1110

| | |
|---|---|
| NAME | AS SHOWN |
| DATE | 11/30/22 |
| DRAWN | JKM |
| CHECKED | SMM |
| APPROVED | SMM |

PROJECT NUMBER: R132448.41

TRAFFIC CONTROL PLAN
PHASE 2

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-25

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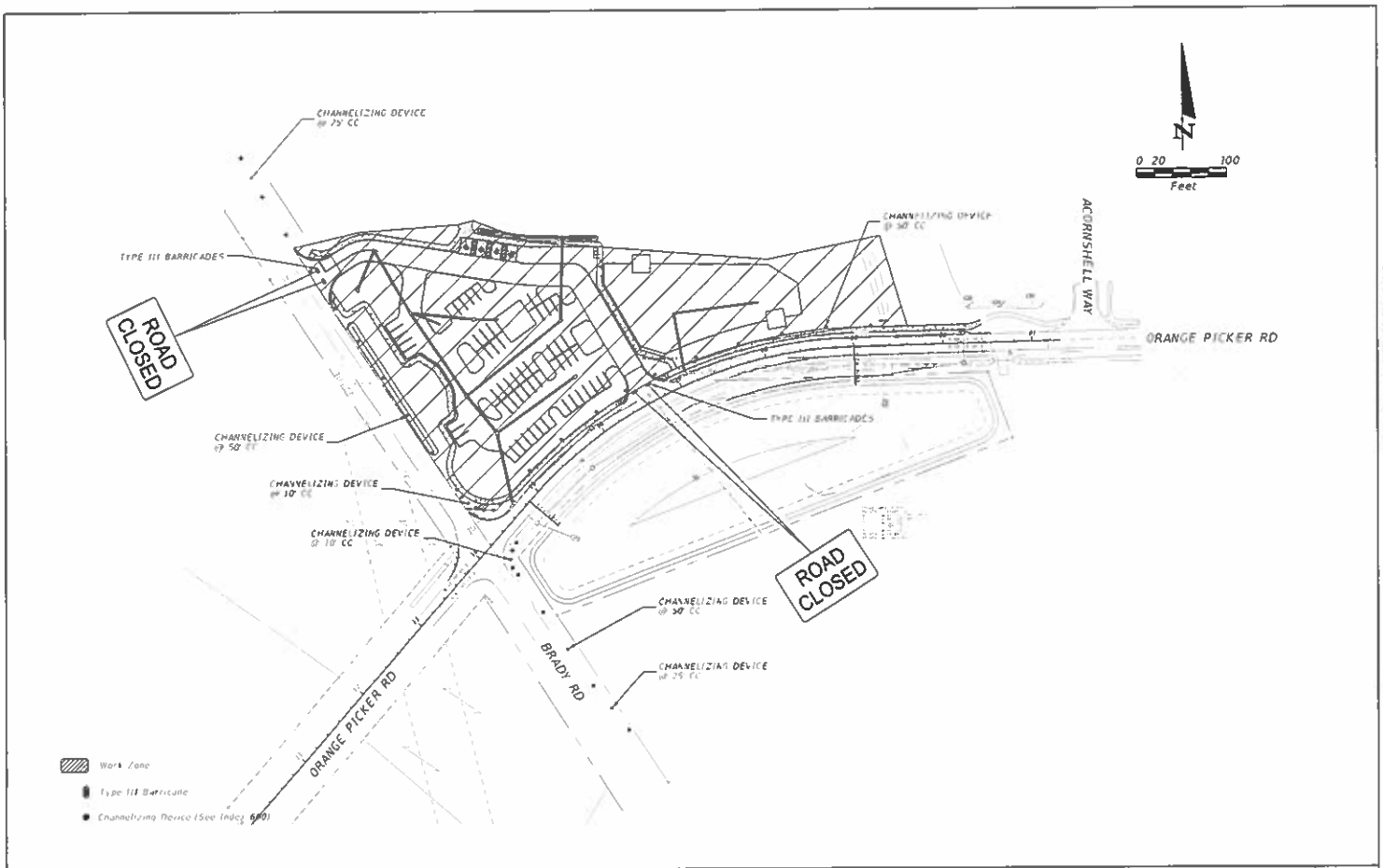


| REVISIONS | | | |
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gai consultants
transforming spaces into reality
5551 A LADLER CENTER BLVD
SUITE 250
JACKSONVILLE, FL 32246
(904) 362 2210

| | |
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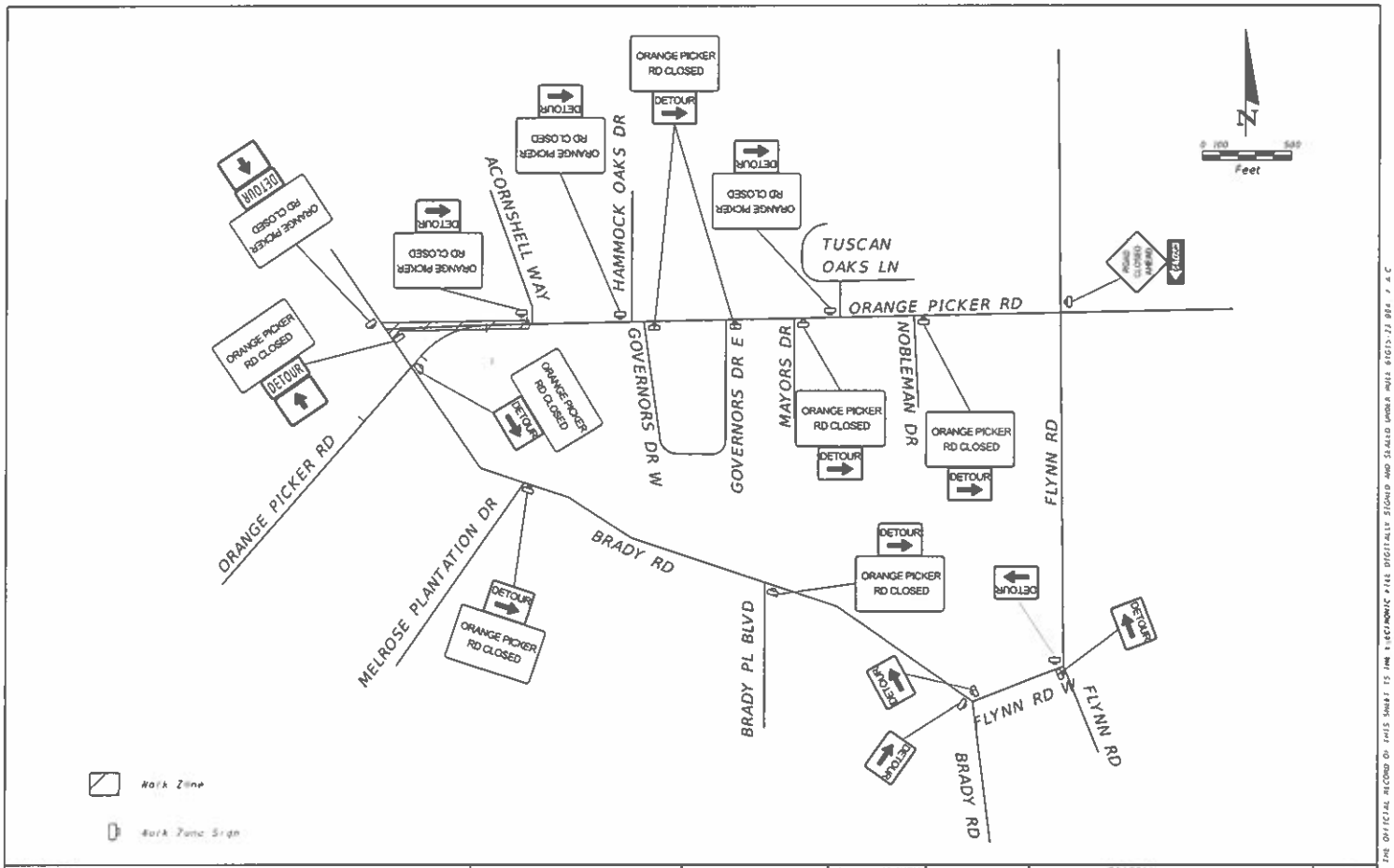
| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DESIGN | JSW |
| DRAWN | SMW |
| APPROVED | SMW |

TRAFFIC CONTROL PLAN
PHASE 3

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-26

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|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transforming ideas into reality
5255 TAX ANGLER CENTRE BLVD
SUITE 350
JACKSONVILLE, FL 32244
(904) 363-5110

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| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DESIGN | JKM |
| CHECKED | SMH |
| APPROVED | SMH |

PROJECT NO / PROJECT NO
815144841

TRAFFIC CONTROL PLAN
PHASE II DETOUR PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-27

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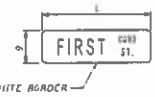
## SIGNING NOTES

1. ALL EXISTING CITY OF JACKSONVILLE SIGNS AND SUPPORTS WITHIN THE CONSTRUCTION LIMITS THAT ARE TO BE REMOVED SHALL BE DELIVERED TO THE TRAFFIC ENGINEERING STORAGE YARD
2. FOR SIGN DETAILS USE THE MANUAL OF STANDARD HIGHWAY SIGNS, AS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE U.S. DEPT. OF TRANSPORTATION (2012 SUPPLEMENT TO THE 2004 EDITION) AND AS SPECIFIED BY THE NOTED AND CURRENT CITY OF JACKSONVILLE SIGN SPECIFICATIONS
3. THE CITY TRAFFIC ENGINEER MAY REQUIRE THE CONTRACTOR TO FIELD ADJUST THE LOCATION OF ANY SIGN TO ENSURE PROPER VISIBILITY.
4. ALL ABANDONED CONCRETE SIGN FOOTINGS SHALL BE TOTALLY REMOVED
5. SIGNS HAVE BEEN LOCATED TO AVOID DRIVEWAYS. ANY SIGN THAT INADVERTENTLY FALLS WITHIN A DRIVEWAY SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER
6. OUTSIDE CORNERS OF SIGN FACES TO BE CUT CONCENTRIC WITH BORDER. BORDER SHALL BE PARALLEL TO THE EDGE OF THE SIGN
7. EXCEPT AS NOTED, ALL GROUND MOUNTED SIGNS SHALL HAVE SQUARE POSTS IN ACCORDANCE WITH CURRENT CITY OF JACKSONVILLE SIGN SPECIFICATIONS
8. ALL STREET NAME SIGNS SHALL INCLUDE BLOCK NUMBERS AND SHALL BE INSTALLED IN COMBINATION WITH STOP SIGNS TO MEET THE CITY OF JACKSONVILLE STANDARD SPECIFICATIONS
9. EXISTING STREET NAME SIGNS ON THE PROJECT THAT MUST BE TEMPORARILY RELOCATED DURING CONSTRUCTION, SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES
10. PAY ITEM 654-2-12, RECTANGULAR RAPID FLASHING BEACON ASSEMBLY, SHALL BE CARMANAH R920 P HUB, STREET HUB WITH AI GRADE REMOTE ACCESS MONITORING

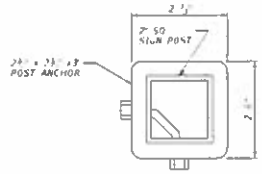
## PAVEMENT MARKING NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN ON THE PLANS AND DETAIL SHEETS AND PER COJ PAVEMENT MARKING STANDARDS
2. ANY REQUIRED TEMPORARY MARKINGS MUST BE IN PLACE BEFORE OPENING LANES OF TRAFFIC. PAY ITEMS FOR TEMPORARY PAVEMENT MARKINGS ARE TO BE INCLUDED IN THE TABULATION OF QUANTITIES
3. THE REMOVAL OF EXISTING PAVEMENT MARKINGS WILL BE CONSIDERED AN INCIDENTAL ITEM WITH NO ADDITIONAL COMPENSATION PROVIDED
4. ALL PERMANENT PAVEMENT MARKINGS SHALL BE EXTRUDED THERMOPLASTIC AND MEET CURRENT CITY OF JACKSONVILLE SPECIFICATIONS AND/OR FDOT STANDARD SPECIFICATIONS, LATEST EDITION
5. THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED NO SOONER THAN 90 CALENDAR DAYS AFTER THE COMPLETION OF THE FINAL PAVEMENT LAYER
6. A BITUMINOUS REFLECTIVE PAVEMENT MARKER (RPM) ADHESIVE MEETING CURRENT CITY OF JACKSONVILLE AND/OR FDOT SPECIFICATIONS SHALL BE USED ON ASPHALT ROADWAYS
7. THE CONTRACTOR SHALL USE CLASS "B" REFLECTIVE PAVEMENT MARKERS (RPMS) INSTALLED TO MEET CURRENT CITY OF JACKSONVILLE SPECIFICATIONS AND/OR FDOT STANDARD SPECIFICATIONS
8. REFLECTIVE PAVEMENT MARKERS THAT DO NOT CONFLICT WITH PERMANENT THERMOPLASTIC MARKINGS SHALL BE PLACED ON ALL FINAL ASPHALTIC CONCRETE SURFACES IMMEDIATELY AFTER THE TEMPORARY PERMANENT STRIPING IS IN PLACE
9. PAVEMENT MARKINGS REMOVAL
   (A) PAINT BLACKOUT METHOD OF PAVEMENT MARKINGS REMOVAL IS NOT ACCEPTABLE.
   (B) GRINDING OR HYDRO BLAST METHODS SHALL BE USED ON WEATHERED ASPHALT SURFACES
   (C) REMOVAL ON NEW ASPHALT SURFACES SHALL BE BY HYDRO BLAST METHOD ONLY.
10. THE CONTRACTOR SHALL CONTACT THE PAVEMENT MARKING INSPECTOR (904) 255-7550 48 HOURS PRIOR TO INSTALLING ANY PAVEMENT MARKINGS ON ANY CITY OF JACKSONVILLE ROADWAY OR STREET.
11. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS OF THE CITY OF JACKSONVILLE AND THE SPECIFICATIONS OF THE FDOT, THE CITY OF JACKSONVILLE WILL PREVAIL

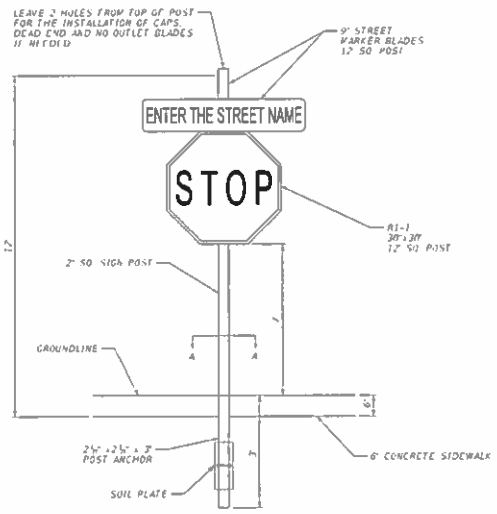



### CITY OF JACKSONVILLE
### STOP SIGN MOUNTED STREET NAME SIGN DETAILS

1. STREET NAME TO BE: 6" E2000 (SERIES "B" UPPERCASE AND LOWERCASE)
2. BLOCK NUMBERS AND RD., ST., AVE., ETC., TO BE: 2" SERIES "B" LETTERS UPPER AND LOWER CASE NUMBERS
3. ALL SHEETING TO BE GREEN & CLEAR COVERED OVER SILVER HIGH INTENSITY GRADE PRISMATIC REFLECTIVE SHEETING
4. SIGN BLANK TO BE 0.063" THICK ALUMINUM
5. BORDER TO BE ½" SILVER HIGH INTENSITY GRADE PRISMATIC REFLECTIVE SHEETING.
6. SIGNS TO BE A MINIMUM OF 9" x 30" TO A MAXIMUM OF 9" x 48". THE SIZE OF THE SIGN SHALL BE INCREASED IN 6" INCREMENTS ONLY.




### SECTION A-A
NOT TO SCALE




### CITY OF JACKSONVILLE
### SIGN INSTALLATION FOR 2"x12' SQ. POST
NOT TO SCALE

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| REVISIONS | | | |
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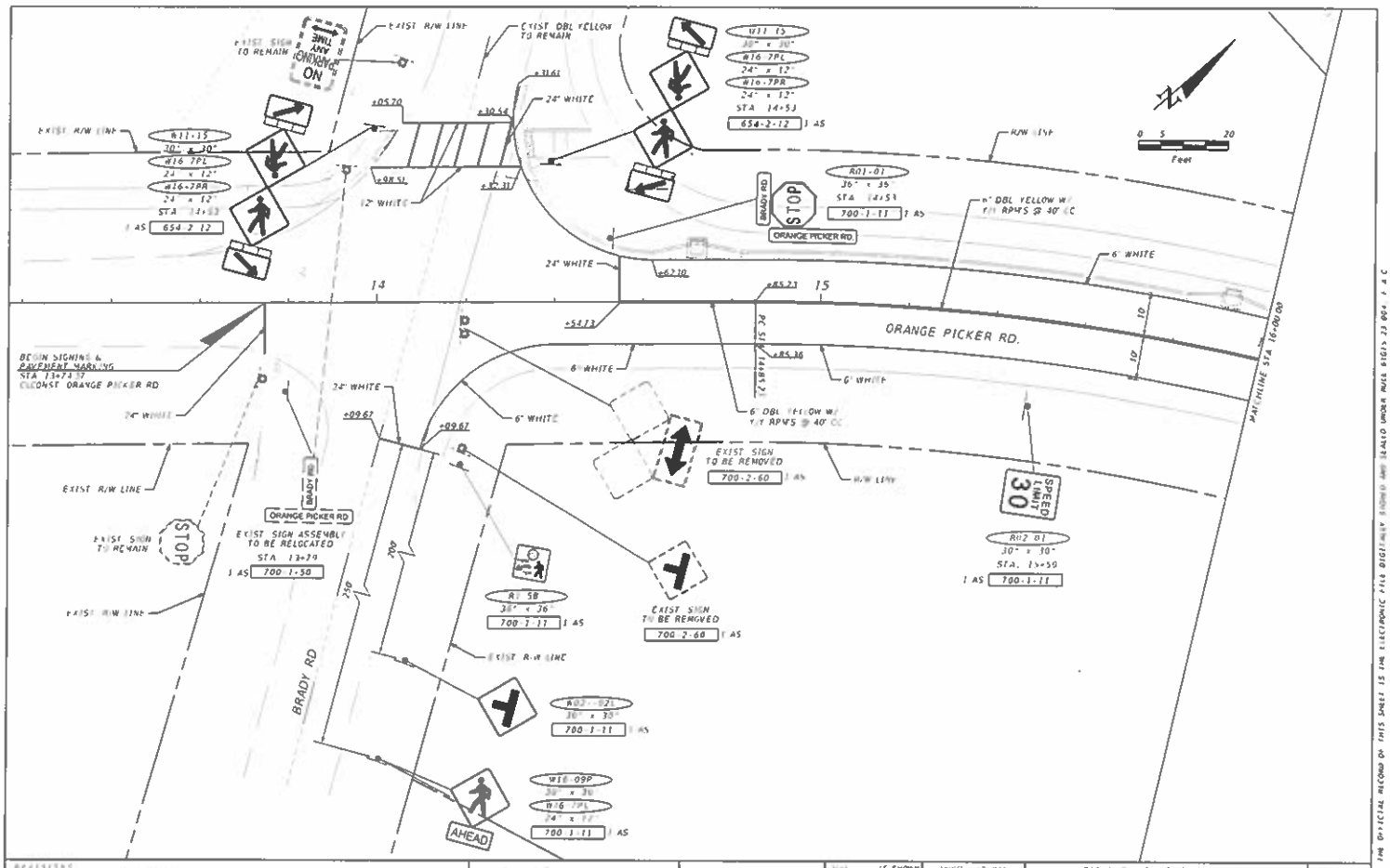
gai consultants
Transform Communities
12570 I-10 CENTER BLVD
SUITE 300
JACKSONVILLE, FL 32258
(904) 363-1110

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 11/10/22 |
| DRAWN | JSB |
| CHECKED | SMB |
| APPROVED | SMB |

SIGNING & PAVEMENT MARKING GENERAL NOTES

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-28

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|---|---|---|---|
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gai consultants
transforming ideas into reality
12570 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363 1236

| | |
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| DATE | 11/30/22 |
| DRAWN | JKM |
| CHECKED | SMM |
| APPROVED | SMM |

PROJECT No. (Sheet No.) 8151448.41

SIGNING & PAVEMENT MARKING PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET No. C-29

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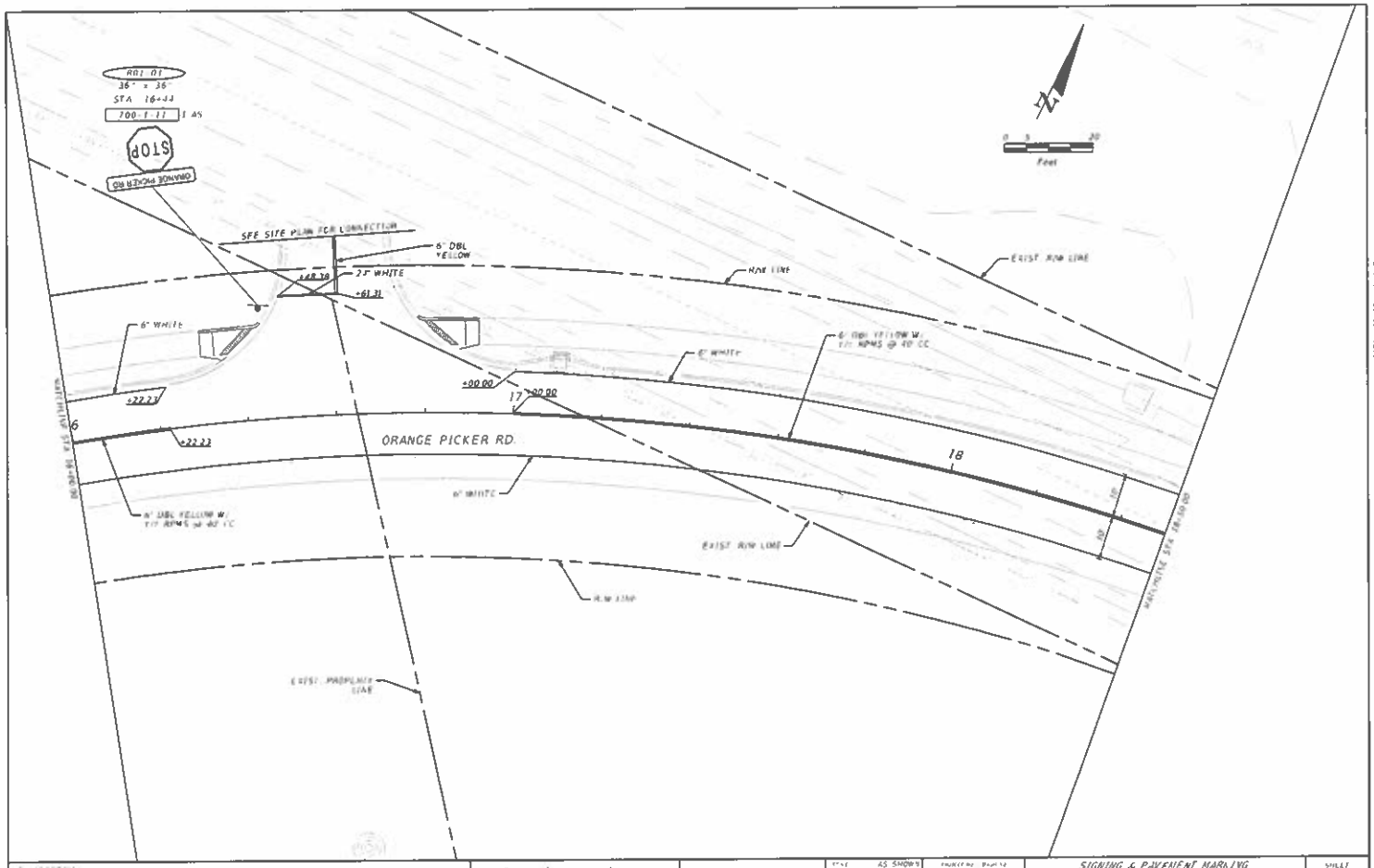


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|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
TRANSFORMING ADDRESS INTO REALITY
225 E. ROBINSON STREET, SUITE 155
ORLANDO, FL 32801
(904) 363-1110

| | |
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| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DRAWN | JKW |
| CHECKED | SHW |
| APPROVED | SHW |

PROJECT NUMBER
B153448.41

SIGNING & PAVEMENT MARKING PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-30

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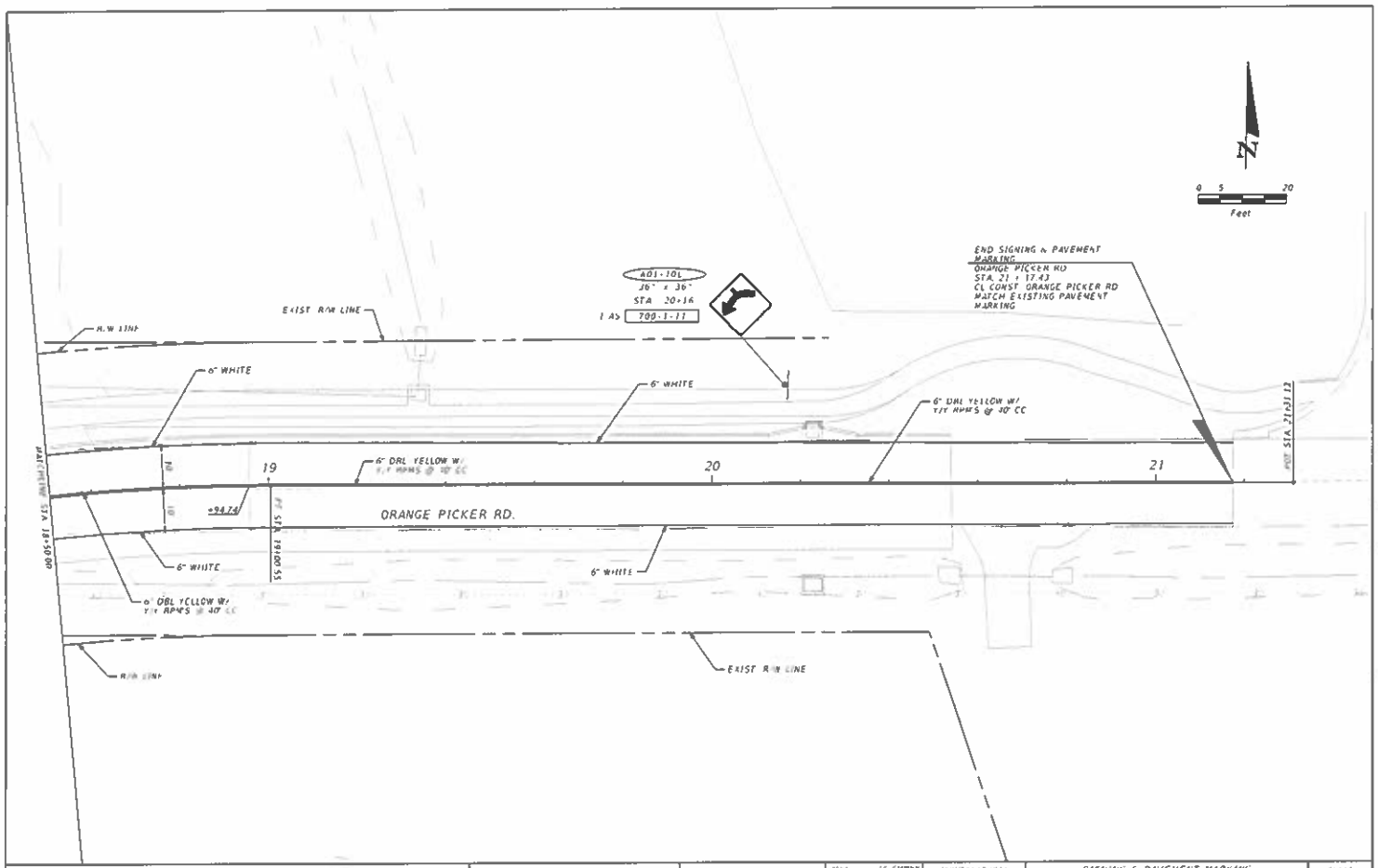


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| NO. | DATE | BY | DESCRIPTION |

gai consultants
TRANSPORTATION SOLUTIONS GROUP, LLC
5275 W. LAGLER CENTER BLVD
SUITE 200
JACKSONVILLE, FL 32258
(904) 363-1230

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| APPROVED | SMW |

PROJECT NO. & DESCRIPTION: B152448.41

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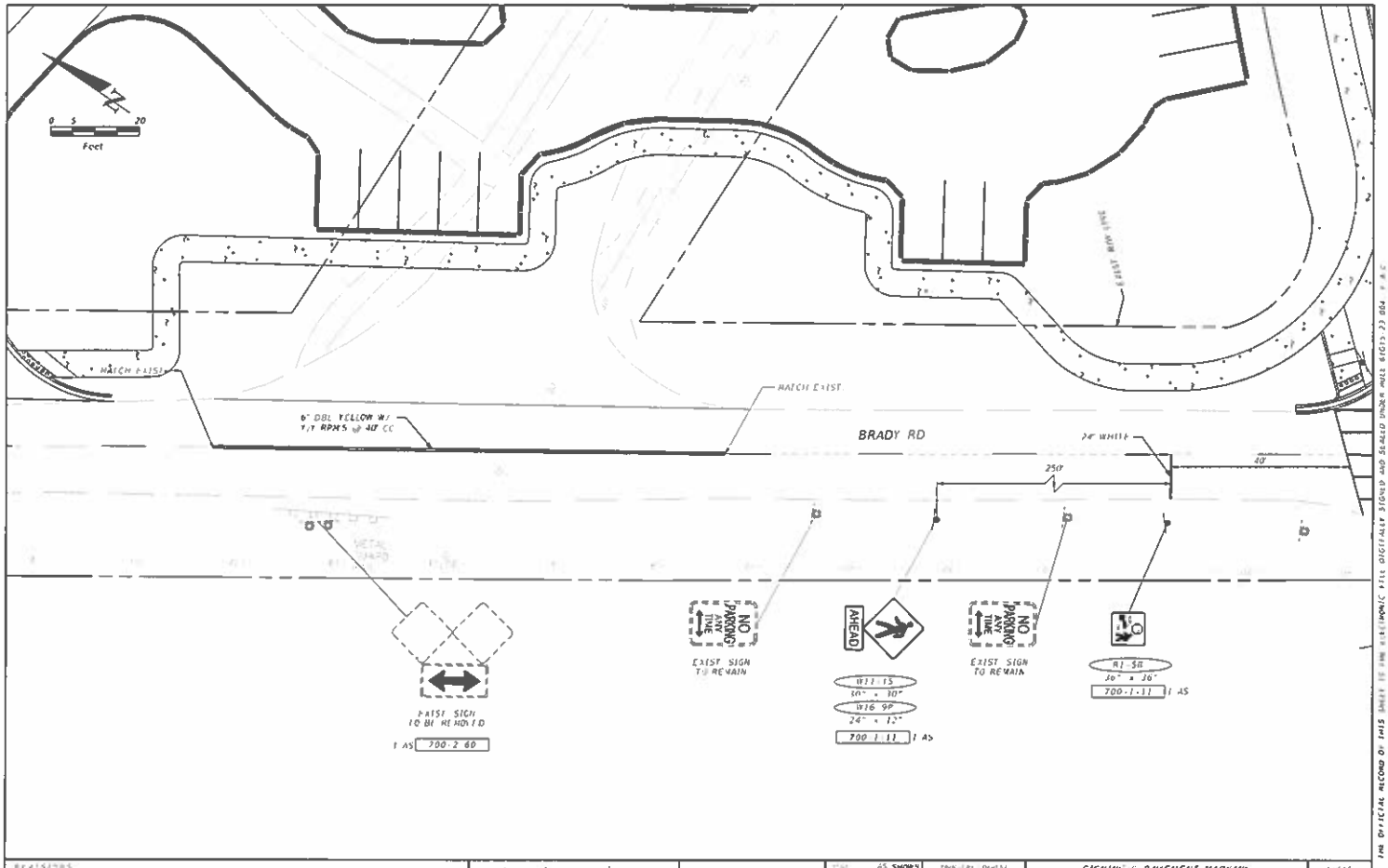
SIGNING & PAVEMENT MARKING PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-31

PLOTTED: 1-09-2023 7:12:18 PM

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gai consultants
transforming ideas into reality
125741 JAGUAR DEVILLE BLVD
SUITE 200
JACKSONVILLE
(904) 363-1210

| | |
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| DESIGN | JSW |
| DRAWN | SHW |
| APPROVED | SHW |

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SIGNING & PAVEMENT MARKING PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C-32

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## POLE DATA

| POLE NO. | STATION | CIRCUIT | DIST. OR ARM | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK |
|---|---|---|---|---|---|---|
| #1 | N/A | A-1 | 1' | 145 | 18' | 2' FROM BOSW |
| #2 | N/A | A-1 | 1' | 145 | 18' | 2' FROM BOSW |
| #3 | N/A | A-1 | 1' | 145 | 18' | 2' FROM BOSW |
| #4 | N/A | A-1 | 1' | 145 | 18' | 4' FROM FOC |
| #5 | N/A | A-1 | 1' | 145 | 18' | 4' FROM FOC |
| #6 | N/A | A-1 | 1' | 145 | 18' | 4' FROM FOC |
| #7 | N/A | A-1 | 1' | 145 | 18' | 2' FROM BOSW |
| #8 | N/A | A-2 | 1' | 145 | 18' | 2' FROM BOSW |
| #9 | N/A | A-2 | 1' | 145 | 18' | 2' FROM BOSW |
| #10 | N/A | A-2 | 1' | 145 | 18' | 4' FROM FOC |
| #11 | N/A | A-2 | 1' | 145 | 18' | 4' FROM FOC |
| #12 | N/A | A-2 | 1' | 145 | 18' | 2' FROM BOSW |
| #13 | N/A | A-2 | 1' | 145 | 18' | 4' FROM FOC |
| #14 | N/A | A-2 | 1 | 145 | 18 | 4 FROM FOC |
| #15 | N/A | A-2 | 1' | 145 | 18' | 10' FROM FENCE |
| EX #1 | N/A | B | 8' | 41 | 25' | N/A |
| LUM #1 | N/A | B | 8' | 41 | 25' | N/A |
| #16 | 14+51.56 ℄ ORANGE PICKER RD. | B | 8' | 41 | 25' | 6' FROM FOC |
| #17 | 14+28.41 ℄ ORANGE PICKER RD. | B | 8' | 41 | 25' | 14' FROM EOP |
| #18 | 15+10.79 ℄ ORANGE PICKER RD. | B | 8' | 94 | 32' | 1' FROM BOSW |
| #19 | 16+19.75 ℄ ORANGE PICKER RD. | B | 8' | 94 | 32' | 1' FROM BOSW |
| #20 | 16+96.96 ℄ ORANGE PICKER RD. | B | 8' | 94 | 32' | 1' FROM BOSW |
| #21 | 18+01.66 ℄ ORANGE PICKER RD. | B | 8' | 94 | 32' | 1' FROM BOSW |
| #22 | 19+18.95 ℄ ORANGE PICKER RD. | B | 8 | 94 | 32' | 1' FROM BOSW |
| #23 | 20+30.61 ℄ ORANGE PICKER RD. | B | 8 | 94 | 32' | 1' FROM BOSW |

## LEGEND

| SYMBOLS | DESCRIPTION |
|---|---|
| | Single arm conventional LED luminaire. Designed for Type III distribution. Luminaire wired for 240 volt operation. Pole mounting height 25 ft. Use curve ATBX_P50_XXXXX_R3 or equal |
| | Single arm conventional LED luminaire. Designed for Type III distribution. Luminaire wired for 240 volt operation. Pole mounting height 32 ft. Use curve ATBM_P20_R3_XXX_VR_XXXXX or equal |
| | Single arm conventional LED luminaire. Designed for Type III distribution. Luminaire wired for 240 volt operation. Pole mounting height 18 ft. Use curve F-ARL_150_50K_S3 or equal |
| | Single arm conventional LED luminaire mounted on existing pole. Designed for Type III distribution. Luminaire wired for 240 volt operation. Pole mounting height 25 ft. Use curve ATBY_P50_XXXXX_R3 or equal |
| | Existing pole and luminaire to remain |
| | Schedule 40 PVC conduit with conductors inside (conduit and conductor size as shown on plan sheets). Direct buried installation |
| | Proposed overhead feed cable |
| | Lighting Pull Box |
| | Proposed distribution point and load center |

| REVISIONS | | | |
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gai consultants
transforming ideas into reality
123 S. ALLIGATOR DRIVE, SUITE 201
JACKSONVILLE, FL 32202
(904) 363-1100

| | | |
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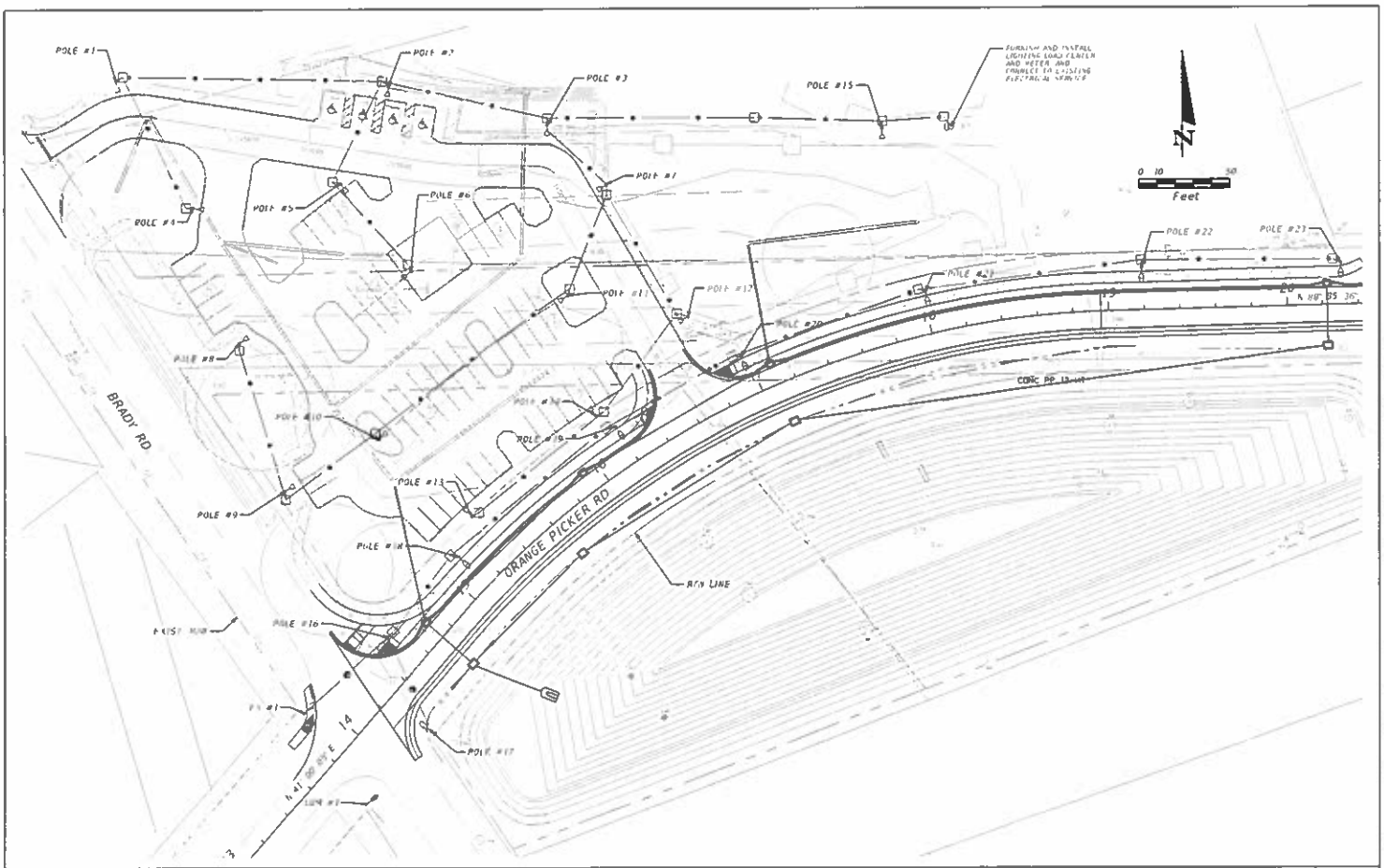
| SCALE | AS SHOWN | PROJECT NO. 8131440.41 |
| DATE | 11/30/22 | |
| DRAWN | JNK | |
| CHECKED | SMM | |
| APPROVED | SMM | |

POLE DATA AND LEGEND

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C-33

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| SCALE | AS SHOWN |
| DATE | 11/30/22 |
| DRAWN | PKW |
| CHECKED | SMB |
| APPROVED | SMB |

LIGHTING PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

C-34

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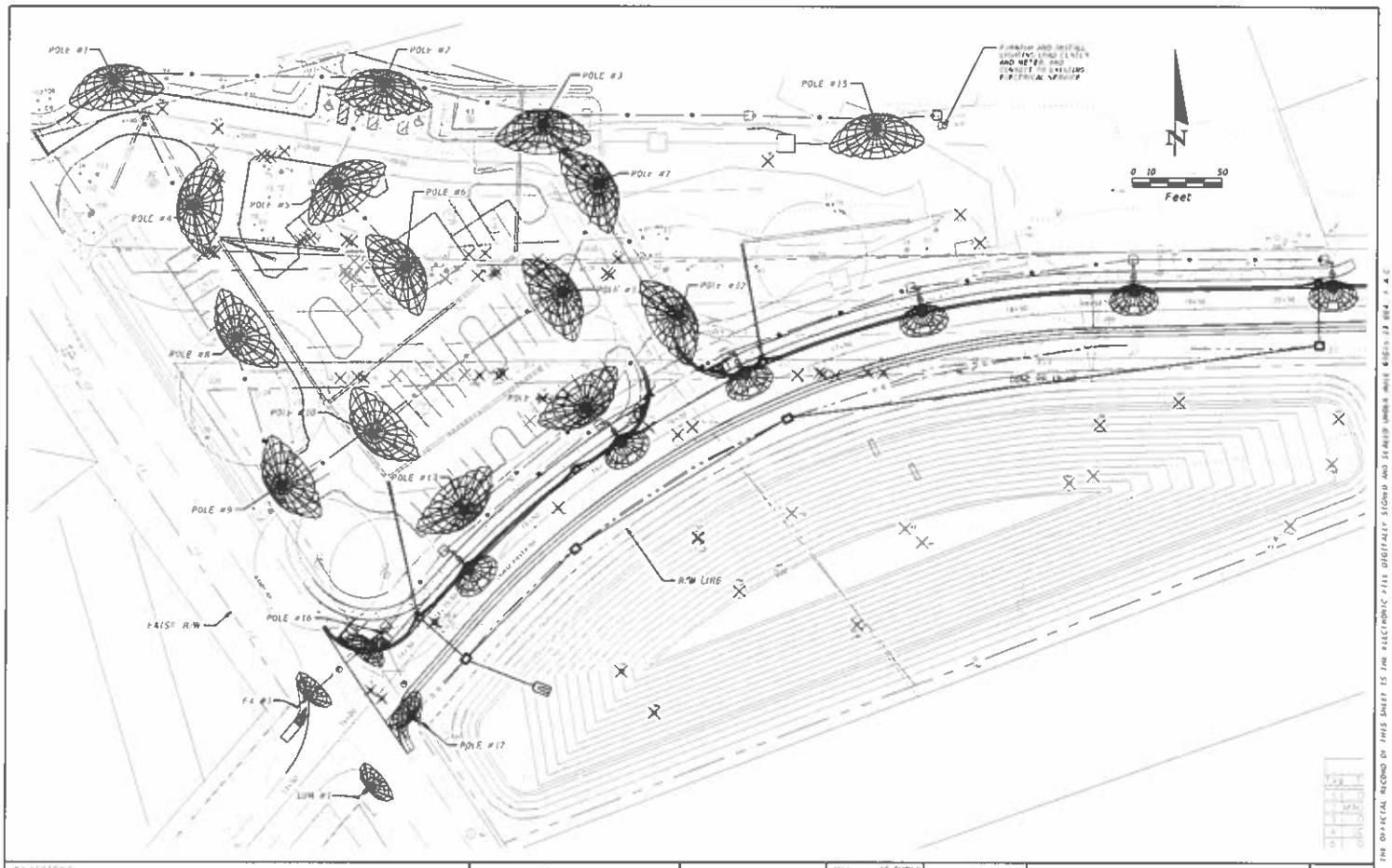


| REVISIONS | | | |
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| REV. | DATE | BY | DESCRIPTION |

gai consultants

| | | | |
|---|---|---|---|
| AS SHOWN | | LIGHTING PLAN | SHEET NO. |
| 11/30/22 | 0151448.01 | | |
| JKM | | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA | C-35 |
| SMH | | | |
| SMH | | | |

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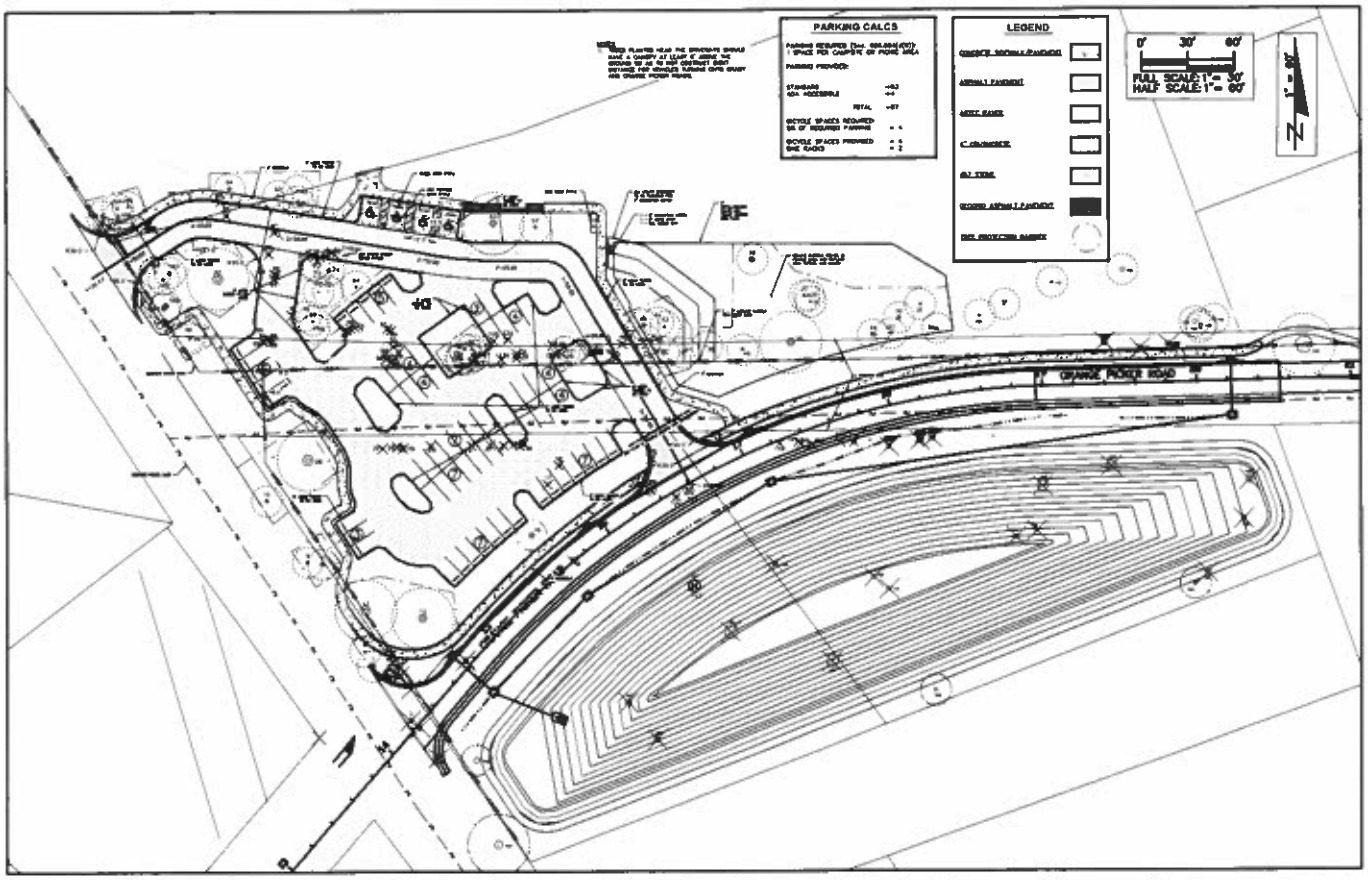


| REVISIONS | | | |
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| REV | DATE | BY | DESCRIPTION |

gai consultants

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| SCALE | AS SHOWN |
| DATE | 03/16/2022 |
| DRAWN | JRL |
| CHECKED | RMD |
| APPROVED | RMD |

REBECCA M. MEYER-BRAY, P.E.

SITE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C100

Z:\active\2015\B1514-01 - Orange Picker Realign\CAD\CAD\C100 SITE PLAN.dwg Mar 28, 2022 - 1:28pm

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## TREE TABLE

| Tag# | TYPE | CALIPER SIZE (IN) | Tag# | TYPE | CALIPER SIZE (IN) | Tag# | TYPE | CALIPER SIZE (IN) | Tag# | TYPE | CALIPER SIZE (IN) | Tag# | TYPE | CALIPER SIZE (IN) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LIVE OAK | 36 | 35 | WATER OAK | 9 | 69 | LONGLEAF PINE | 14 | 103 | LONGLEAF PINE | 21 | 137 | LONGLEAF PINE | 12 |
| 2 | MAGNOLIA | 15 | 36 | WATER OAK | 10 | 70 | LONGLEAF PINE | 12 | 104 | WATER OAK | 10 | 138 | WATER OAK | 9 |
| 3 | WATER OAK | 14 | 37 | WATER OAK | 12 | 71 | LONGLEAF PINE | 12 | 105 | LONGLEAF PINE | 17 | 139 | PECAN | 21 |
| 4 | CEDAR | 10 | 38 | WATER OAK | 22 | 72 | WATER OAK | 6 | 106 | LONGLEAF PINE | 13 | 140 | PECAN | 18 |
| 5 | WATER OAK | 10 | 39 | LIVE OAK | 31 | 73 | LONGLEAF PINE | 12 | 107 | LONGLEAF PINE | 15 | 141 | WATER OAK | 30 |
| 6 | CEDAR | 12 | 40 | WATER OAK | 13 | 74 | WATER OAK | 16 | 108 | LONGLEAF PINE | 13 | 142 | LIVE OAK | 66 |
| 7 | WATER OAK | 21 | 41 | WATER OAK | 12 | 75 | WATER OAK | 8 | 109 | WATER OAK | 10 | 143 | WATER OAK | 15 |
| 8 | WATER OAK | 10 | 42 | WATER OAK | 21 | 76 | WATER OAK | 10 | 110 | LONGLEAF PINE | 24 | 144 | WATER OAK | 10 |
| 9 | LONGLEAF PINE | 17 | 43 | LONGLEAF PINE | 14 | 77 | LONGLEAF PINE | 12 | 111 | WATER OAK | 10 | 145 | WATER OAK | 18 |
| 10 | LONGLEAF PINE | 19 | 44 | WATER OAK | 6 | 78 | WATER OAK | 6 | 112 | WATER OAK | 7 | 146 | WATER OAK | 15 |
| 11 | WATER OAK | 17 | 45 | WATER OAK | 14 | 79 | LONGLEAF PINE | 13 | 113 | LIVE OAK | 16 | 147 | WATER OAK | 12 |
| 12 | LIVE OAK | 37 | 46 | WATER OAK | 11 | 80 | LONGLEAF PINE | 14 | 114 | LONGLEAF PINE | 16 | 148 | WATER OAK | 9 |
| 13 | LIVE OAK | 31 | 47 | WATER OAK | 6 | 81 | LONGLEAF PINE | 14 | 115 | LONGLEAF PINE | 15 | 149 | WATER OAK | 15 |
| 14 | CEDAR | 23 | 48 | WATER OAK | 14 | 82 | LONGLEAF PINE | 14 | 116 | WATER OAK | 8 | 150 | WATER OAK | 18 |
| 15 | WATER OAK | 19 | 49 | LONGLEAF PINE | 21 | 83 | WATER OAK | 12 | 117 | WATER OAK | 5 | 151 | LONGLEAF PINE | 16 |
| 16 | LIVE OAK | 22 | 50 | LONGLEAF PINE | 10 | 84 | WATER OAK | 14 | 118 | WATER OAK | 8 | 152 | LONGLEAF PINE | 12 |
| 17 | WATER OAK | 9 | 51 | WATER OAK | 13 | 85 | WATER OAK | 10 | 119 | LONGLEAF PINE | 24 | 153 | LONGLEAF PINE | 15 |
| 18 | LONGLEAF PINE | 15 | 52 | WATER OAK | 9 | 86 | WATER OAK | 12 | 120 | LIVE OAK | 40 | 154 | LIVE OAK | 32 |
| 19 | MAPLE | 16 | 53 | LONGLEAF PINE | 18 | 87 | WATER OAK | 12 | 121 | SABAL PALM | 20 | 155 | TWIN OAK | 23 |
| 20 | LOBLOLLY PINE | 16 | 54 | LAUREL OAK | 14 | 88 | LONGLEAF PINE | 14 | 122 | LIVE OAK | 40 | 156 | LIVE OAK | 52 |
| 21 | LOBLOLLY PINE | 17 | 55 | LONGLEAF PINE | 15 | 89 | LONGLEAF PINE | 5 | 123 | LIVE OAK | 43 | 157 | LIVE OAK | 46 |
| 22 | LOBLOLLY PINE | 13 | 56 | WATER OAK | 8 | 90 | LONGLEAF PINE | 15 | 124 | WATER OAK | 12 | 158 | WATER OAK | 18 |
| 23 | LOBLOLLY PINE | 15 | 57 | WATER OAK | 7 | 91 | LONGLEAF PINE | 12 | 125 | LONGLEAF PINE | 22 | 159 | TWIN OAK | 48 |
| 24 | LOBLOLLY PINE | 14 | 58 | WATER OAK | 14 | 92 | LONGLEAF PINE | 15 | 126 | LONGLEAF PINE | 14 | 160 | SWEET GUM | 14 |
| 25 | LOBLOLLY PINE | 31 | 59 | WATER OAK | 7 | 93 | WATER OAK | 12 | 127 | WATER OAK | 7 | 161 | WATER OAK | 15 |
| 26 | MAGNOLIA | 8 | 60 | LONGLEAF PINE | 14 | 94 | WATER OAK | 11 | 128 | LONGLEAF PINE | 13 | 162 | WATER OAK | 17 |
| 27 | LOBLOLLY PINE | 13 | 61 | LONGLEAF PINE | 15 | 95 | LONGLEAF PINE | 16 | 129 | MAPLE | 9 | 163 | LONGLEAF PINE | 22 |
| 28 | LIVE OAK | 42 | 62 | MAPLE | 11 | 96 | WATER OAK | 5 | 130 | LAUREL OAK | 9 | 164 | LIVE OAK | 19 |
| 29 | WATER OAK | 5 | 63 | LIVE OAK | 27 | 97 | WATER OAK | 40 | 131 | WATER OAK | 12 | 165 | WATER OAK | 20 |
| 30 | LONGLEAF PINE | 19 | 64 | LONGLEAF PINE | 14 | 98 | WATER OAK | 12 | 132 | LONGLEAF PINE | 22 | 166 | WATER OAK | 28 |
| 31 | LONGLEAF PINE | 13 | 65 | WATER OAK | 7 | 99 | WATER OAK | 8 | 133 | LONGLEAF PINE | 16 | 167 | LIVE OAK | 40 |
| 32 | WATER OAK | 15 | 66 | WATER OAK | 9 | 100 | LIVE OAK | 22 | 134 | LONGLEAF PINE | 15 | 168 | LIVE OAK | 42 |
| 33 | WATER OAK | 10 | 67 | WATER OAK | 12 | 101 | LIVE OAK | 20 | 135 | LONGLEAF PINE | 14 | 169 | WATER OAK | 14 |
| 34 | WATER OAK | 18 | 68 | LONGLEAF PINE | 14 | 102 | PINE | 19 | 136 | MAPLE | 19 | 170 | WATER OAK | 18 |

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants

REBECCA K. MOSS-BRAY, P.E.

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 08/18/2022 |
| DRAWN | JRL |
| CHECKED | RKB |
| APPROVED | RKB |

PROJECT NO. / SHEET NO. 8151448.41

TREE TABLE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C101

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-21.004, F.A.C.

Z:\proj\2015\8151448.41 - Orange Picker Realign\CAD\CAD\C100 SITE PLAN.dwg Mar 28, 2023 - 1:26pm

## TREE REMOVAL TABLE

| Tag | TYPE | CALIPER SIZE (IN.) | MITIGATION (IN.) |
|---|---|---|---|
| 1 | LIVE OAK | 36 | 36 |
| 2 | MAGNOLIA | 15 | 5 |
| 3 | WATER OAK | 14 | 5 |
| 4 | CEDAR | 10 | 3 |
| 5 | WATER OAK | 10 | 3 |
| 6 | CEDAR | 12 | 4 |
| 14 | CEDAR | 23 | 8 |
| 15 | WATER OAK | 19 | 6 |
| 17 | WATER OAK | 9 | 3 |
| 18 | LONGLEAF PINE | 15 | 5 |
| 19 | MAPLE | 16 | 5 |
| 20 | LOBLOLLY PINE | 16 | 5 |
| 21 | LOBLOLLY PINE | 17 | 6 |
| 22 | LOBLOLLY PINE | 13 | 4 |
| 23 | LOBLOLLY PINE | 15 | 5 |
| 24 | LOBLOLLY PINE | 14 | 5 |
| 25 | LOBLOLLY PINE | 31 | 10 |
| 26 | MAGNOLIA | 6 | 2 |
| 27 | LOBLOLLY PINE | 13 | 4 |
| 49 | LONGLEAF PINE | 21 | 7 |
| 54 | LAUREL OAK | 14 | 5 |
| 55 | LONGLEAF PINE | 15 | 5 |
| 56 | WATER OAK | 8 | 3 |
| 57 | WATER OAK | 7 | 2 |
| 58 | WATER OAK | 14 | 5 |
| 59 | WATER OAK | 7 | 2 |
| 60 | LONGLEAF PINE | 14 | 5 |
| 61 | LONGLEAF PINE | 15 | 5 |
| 65 | WATER OAK | 7 | 3 |
| 66 | WATER OAK | 9 | 3 |
| 67 | WATER OAK | 12 | 4 |
| 68 | LONGLEAF PINE | 14 | 5 |
| 71 | LONGLEAF PINE | 12 | 4 |
| 75 | WATER OAK | 8 | 3 |
| 76 | WATER OAK | 10 | 3 |
| 77 | LONGLEAF PINE | 12 | 4 |
| 78 | WATER OAK | 6 | 2 |
| 79 | LONGLEAF PINE | 13 | 4 |
| 80 | LONGLEAF PINE | 14 | 5 |
| 85 | WATER OAK | 10 | 3 |
| 86 | WATER OAK | 12 | 4 |
| 87 | WATER OAK | 12 | 4 |
| 88 | LONGLEAF PINE | 14 | 5 |
| 89 | LONGLEAF PINE | 5 | 2 |
| 90 | LONGLEAF PINE | 15 | 5 |
| 91 | LONGLEAF PINE | 12 | 4 |
| 92 | LONGLEAF PINE | 15 | 5 |
| 93 | WATER OAK | 12 | 4 |
| 94 | WATER OAK | 11 | 4 |
| 95 | LONGLEAF PINE | 16 | 5 |
| 96 | WATER OAK | 5 | 2 |
| 105 | LONGLEAF PINE | 17 | 6 |
| 108 | LONGLEAF PINE | 13 | 4 |
| 109 | WATER OAK | 10 | 3 |
| 110 | LONGLEAF PINE | 24 | 8 |
| 111 | WATER OAK | 10 | 3 |
| 112 | WATER OAK | 7 | 3 |
| 113 | LIVE OAK | 16 | 16 |
| 114 | LONGLEAF PINE | 16 | 5 |
| 115 | LONGLEAF PINE | 15 | 5 |
| 116 | WATER OAK | 8 | 3 |
| 117 | WATER OAK | 5 | 2 |
| 118 | WATER OAK | 8 | 3 |
| 119 | LONGLEAF PINE | 24 | 8 |
| 120 | LIVE OAK | 40 | 40 |
| 121 | SABAL PALM | 20 | 7 |
| 122 | LIVE OAK | 40 | 40 |
| 124 | WATER OAK | 12 | 4 |
| 125 | LONGLEAF PINE | 22 | 7 |
| 126 | LONGLEAF PINE | 14 | 5 |
| 127 | WATER OAK | 7 | 2 |
| 128 | LONGLEAF PINE | 13 | 4 |
| 129 | MAPLE | 9 | 3 |
| 130 | LAUREL OAK | 9 | 3 |
| 131 | WATER OAK | 12 | 4 |
| 132 | LONGLEAF PINE | 22 | 7 |
| 133 | LONGLEAF PINE | 16 | 5 |
| 134 | LONGLEAF PINE | 15 | 5 |
| 135 | LONGLEAF PINE | 14 | 5 |
| 136 | MAPLE | 19 | 6 |
| 137 | LONGLEAF PINE | 12 | 4 |
| 138 | WATER OAK | 9 | 3 |
| 139 | PECAN | 21 | 7 |
| 140 | PECAN | 18 | 6 |
| 147 | WATER OAK | 12 | 4 |
| 148 | WATER OAK | 9 | 3 |
| 156 | LIVE OAK | 52 | 52 |
| 157 | LIVE OAK | 48 | 48 |
| 158 | WATER OAK | 18 | 6 |
| 167 | LIVE OAK | 40 | 40 |
| 168 | LIVE OAK | 42 | 42 |
| 169 | WATER OAK | 14 | 5 |
| 170 | WATER OAK | 18 | 6 |

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants

REBECCA K. MEURS-BRAY, P.E.

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/16/2022 |
| DRAWN | JRL |
| DESIGNED | RKB |
| APPROVED | RKB |

PROJECT NO. / TASK NO. 015144B.41

TREE REMOVAL TABLE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C102

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

Z:\Work\2015\015144B.41 - Orange Picker Realign\CAD\CAD\C100 SITE PLAN.dwg Mar 28, 2023 - 1:26pm

| TREE MITIGATION TABLE | | | | | | |
|---|---|---|---|---|---|---|
| TREES REMOVED | INCHES REMOVED | MITIGATION RATIO | MITIGATION REQUIRED | NON PROTECTED INCHES CREDITS | NEW REPLACEMENT INCHES | NET MITIGATION |
| HARDWOOD TREES REMOVED <11.5" | 214 | RATIO 1:3 | 72 | 0 | 0 | 72 |
| HARDWOOD TREES REMOVED 11.5" TO 23.5" | 304 | RATIO 1:3 | 102 | 0 | 0 | 102 |
| HARDWOOD TREES REMOVED 24" OR LARGER | 0 | RATIO 1:1 | 0 | 0 | 0 | 0 |
| LIVE OAKS REMOVED >6" | 314 | RATIO 1:1 | 314 | 0 | 208 | 106 |
| PALMS REMOVED | 20 | RATIO 1:3 | 7 | 0 | 0 | 7 |
| PINE TREES REMOVED | 593 | RATIO 1:3 | 195 | 0 | 0 | 198 |
| TOTAL INCHES | 1445 | | 690 | | 208 | 485 |

| | |
|---|---|
| TREE FUND PAYMENT PER INCH | $153.00 |
| MITIGATION REQUIREMENT TOTAL | $74,205.00 |

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

Z:\proj\2015\8151448.41 - Orange Picker Realign\CAD\CAD\C100 SITE PLAN.dwg Mar 28, 2023 - 1:26pm

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants

REBECCA K. HERS-GRAY, P.E.

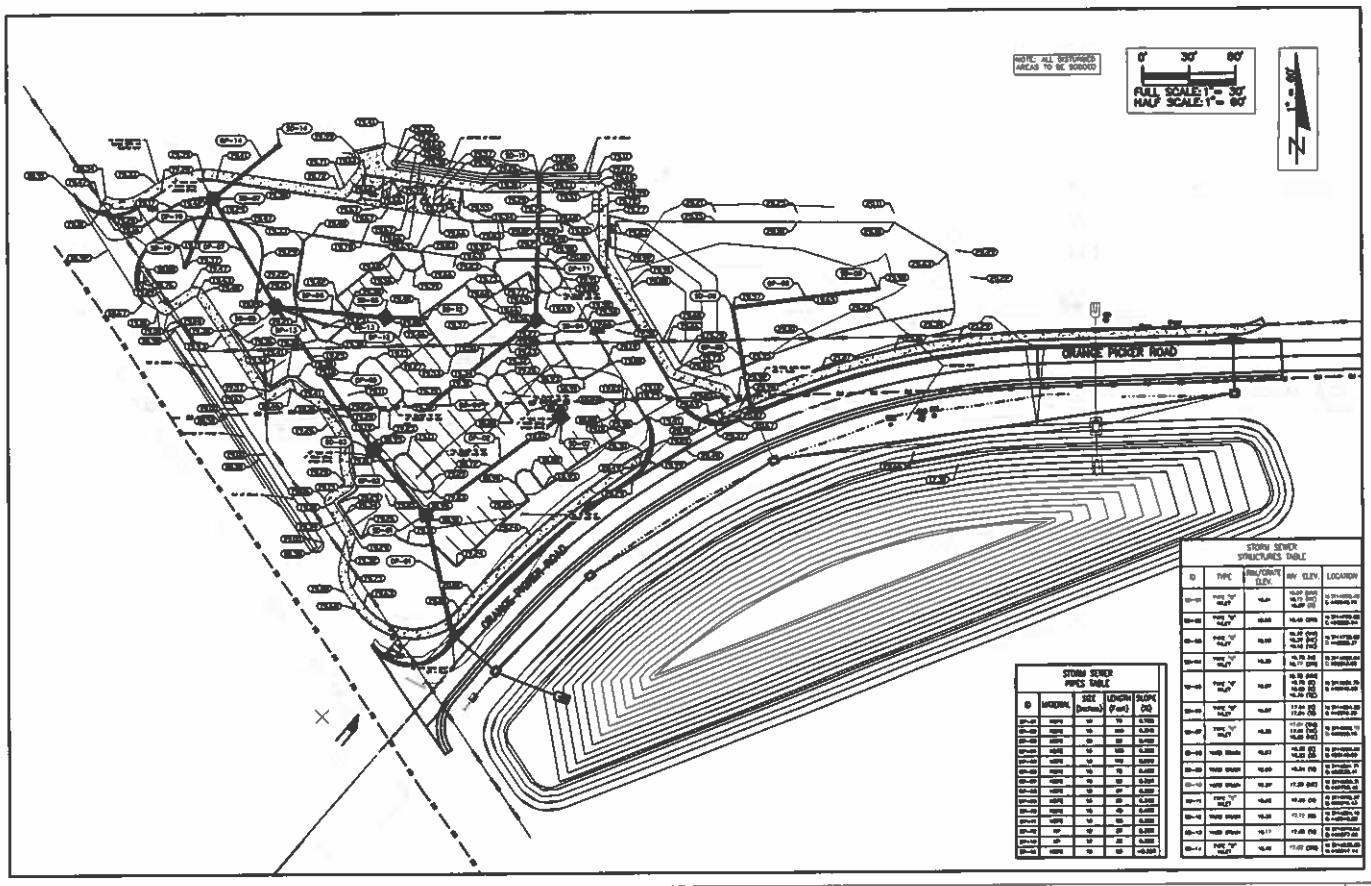
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JL |
| DESIGNED | RHG |
| APPROVED | RHG |

PROJECT NO. / TASK NO. 8151448.41

TREE MITIGATION TABLE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C103




STORM SEWER STRUCTURES TABLE

| ID | TYPE | RIM/GRATE ELEV. | INV. ELEV. | LOCATION |
|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

STORM SEWER PIPES TABLE

| ID | MATERIAL | SIZE (inches) | LENGTH (Feet) | SLOPE (%) |
|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants

REBECCA K. HIGHS-GRAY, P.E.
Lic. No. 69879

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 09/18/2022 |
| DRAWN | JRL |
| CHECKED | RHG |
| APPROVED | RHG |

PROJECT NO. / TASK NO.
0151448.41

# GRADING AND DRAINAGE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

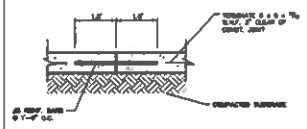
SHEET NO.
C200

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

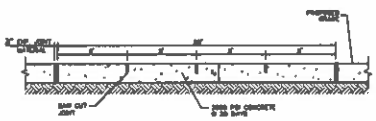
Z:\proj\2015\0151448.41 - Orange Picker Realign\CAD\CAD\C200 GRADING and DRAINAGE.dwg Mar 28, 2023 - 1:27pm

NOTES

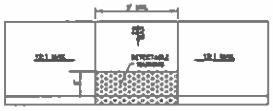
1. FOR MACHINE PLACED PCCP, MAKE AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER, CONTRACTION JOINTS SHALL BE SAWED. THE JOINTS SHALL BE SAWED AS SOON AS THE CONCRETE HAS HARDENED TO THE DEGREE THAT EXCESSIVE RAVELING WILL NOT OCCUR AND BEFORE UNCONTROLLED DIAGONAL CRACKING OCCURS.
2. CONTRACTION JOINTS SHALL BE SPACED AT INTERVALS OF TEN (10) FEET EXCEPT WHERE A LESSER INTERVAL IS REQUIRED FOR CLOSURE, BUT NO SECTION SHALL BE LESS THAN FOUR (4) FEET IN LENGTH.
3. EXPANSION JOINTS SHALL BE CONSTRUCTED AT ALL MAJOR POINTS, AND AT OTHER LOCATIONS INDICATED IN THE PLANS. THEY SHALL BE LOCATED AT INTERVALS OF 300 FEET BETWEEN EXPANSION JOINTS, EXCEPT OF A DUAL AND BETWEEN TRACK LINES THAT EXCEED THE THE LIMITS AND PREVIOUSLY SPECIFIED. THE JOINTS SHALL BE 1/2 INCH IN WIDTH.



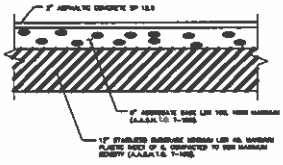

CONSTRUCTION JOINT
N.T.S.



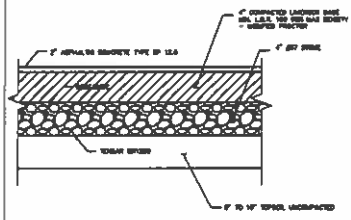

SIDEWALK EXPANSION JOINT DETAIL
N.T.S.



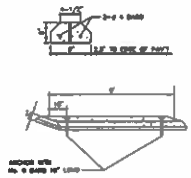

CURB CUT RAMP FACILITY
N.T.S.



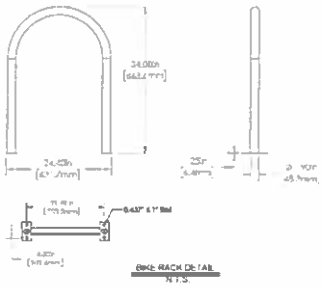

STANDARD ASPHALT PAVEMENT
N.T.S.




GEOGRID ASPHALT PAVEMENT
N.T.S.

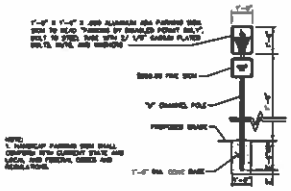


PRE-FABRICATED WHEEL STOP
N.T.S.



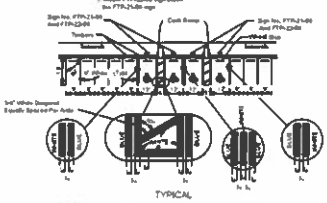

BIKE RACK DETAIL
N.T.S.

UNIVERSAL SYMBOL OF ACCESSIBILITY
(FDOT INDEX 711-001)
N.T.S.




HANDICAP PARKING SIGN DETAIL
N.T.S.

NOTES




TYPICAL
PAVEMENT MARKING FOR PARKING (FDOT INDEX 711-001)
N.T.S.

TYPICAL SIDEWALK SECTION
N.T.S.

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

| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |
| | | | |

gai consultants

REMONA K. [illegible], P.E.
Lic. No. [illegible]

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/16/2022 |
| DRAWN | JR |
| DESIGN | RKB |
| APPROVED | RKB |

PROJECT NO. / DWG NO.
0151448.01

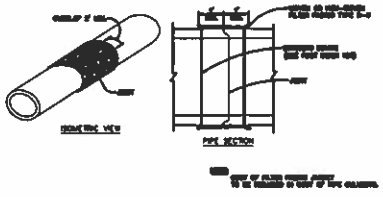
This drawing was prepared with accurate data and the information shown is to represent the existing or overall design intent.

# DETAILS

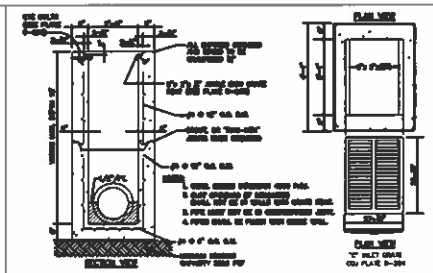
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C301

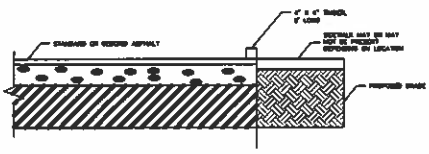
Z:\jobs\2015\0151448.01 - Orange Picker Roadway\CAD\C\C-300 DETAILS.dwg Mar 28, 2023 1:27pm



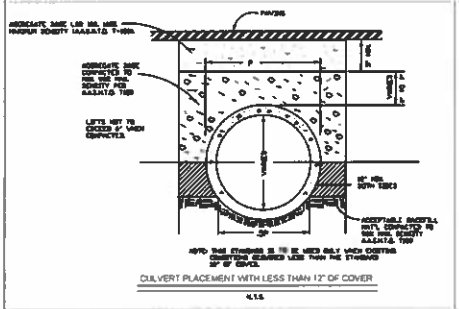
FILTER FABRIC JACKET
N.T.S.



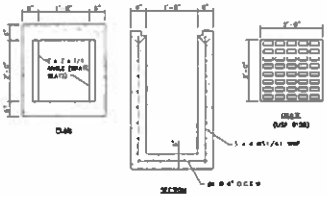
STORM SEWER TYPE "C" INLET
N.T.S.



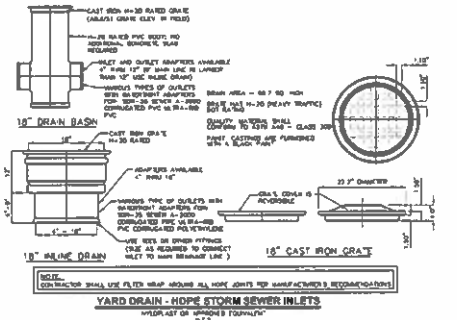
TIMBER DETAIL
N.T.S.



CULVERT PLACEMENT WITH LESS THAN 12" OF COVER
N.T.S.



YARD DRAIN DETAIL
N.T.S.

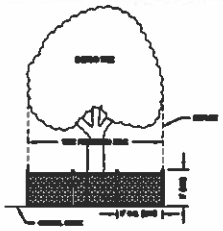


18" DRAIN BASIN

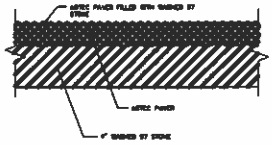
18" INLINE DRAIN

18" CAST IRON GRATE

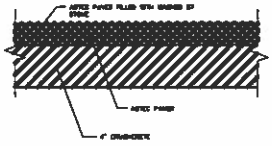
YARD DRAIN - HOPE STORM SEWER INLETS
N.T.S.



TREE PROTECTION DETAIL
N.T.S.



AGETC PAVER WITH 4" 57 STONE
N.T.S.



AGETC PAVER WITH 4" CRUSHCRETE
N.T.S.

| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |

gai consultants

REBECCA K. HERB-BRAY, P.E.

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 03/10/2022 |
| DRAWN | JBL |
| DESIGNED | RKB |
| APPROVED | RKB |

PROJECT NO. / DWG NO. 0151448.41

# DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C302

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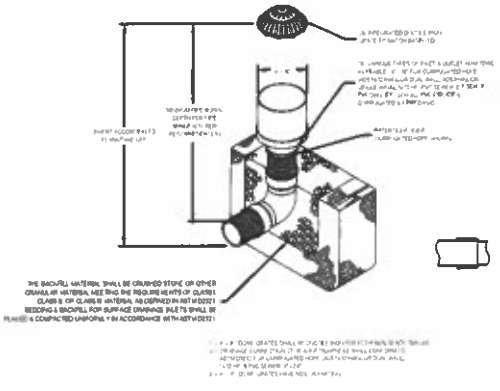
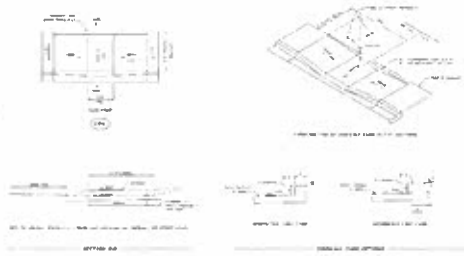
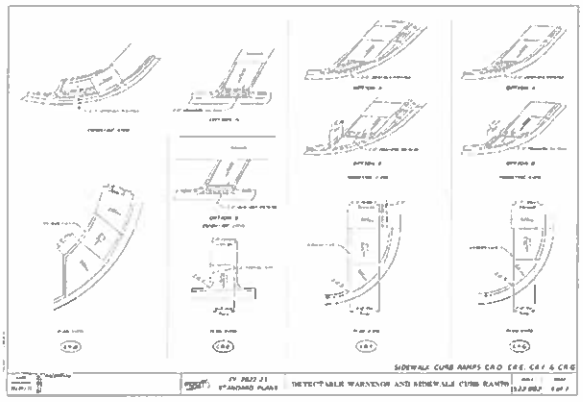
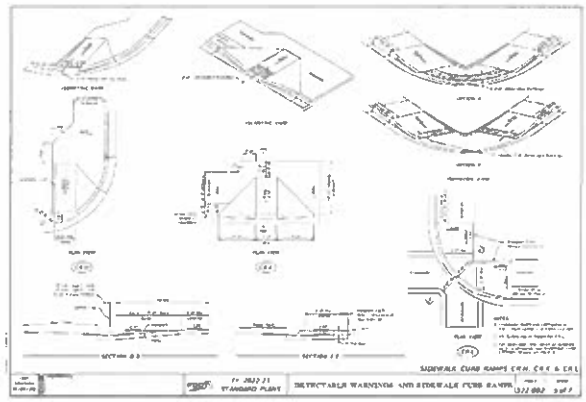
Z:\Work\0151\0151448.41 - Orange Picker Realign\CAD\CAD\C300 DETAILS.dwg Mar 20, 2023 - 1:27pm



**NYOPLAST YARD DRAIN DETAIL**
N.T.S.






**DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS**
N.T.S.

| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |
| | | | |

gai consultants
gai planning design environment
SUITE 200
JACKSONVILLE, FL 32218
(904) 363-1555

NICHOLAS K. HERNANDEZ, P.E.
LIC. NO. 69870

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JDL |
| DESIGNED | RHB |
| APPROVED | RHB |

PROJECT NO. / TASK NO.
B151448.01

This drawing has attached a file computer data which may be altered or corrupted by hardware/software flaws. Do not scale this drawing to repeat drafting methods.

# DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C303

Z:\jobs\2015\B151448.01 - Orange Picker Realign\CAD\CAD\C300 DETAILS.dwg Mar 28, 2023 - 1:27pm

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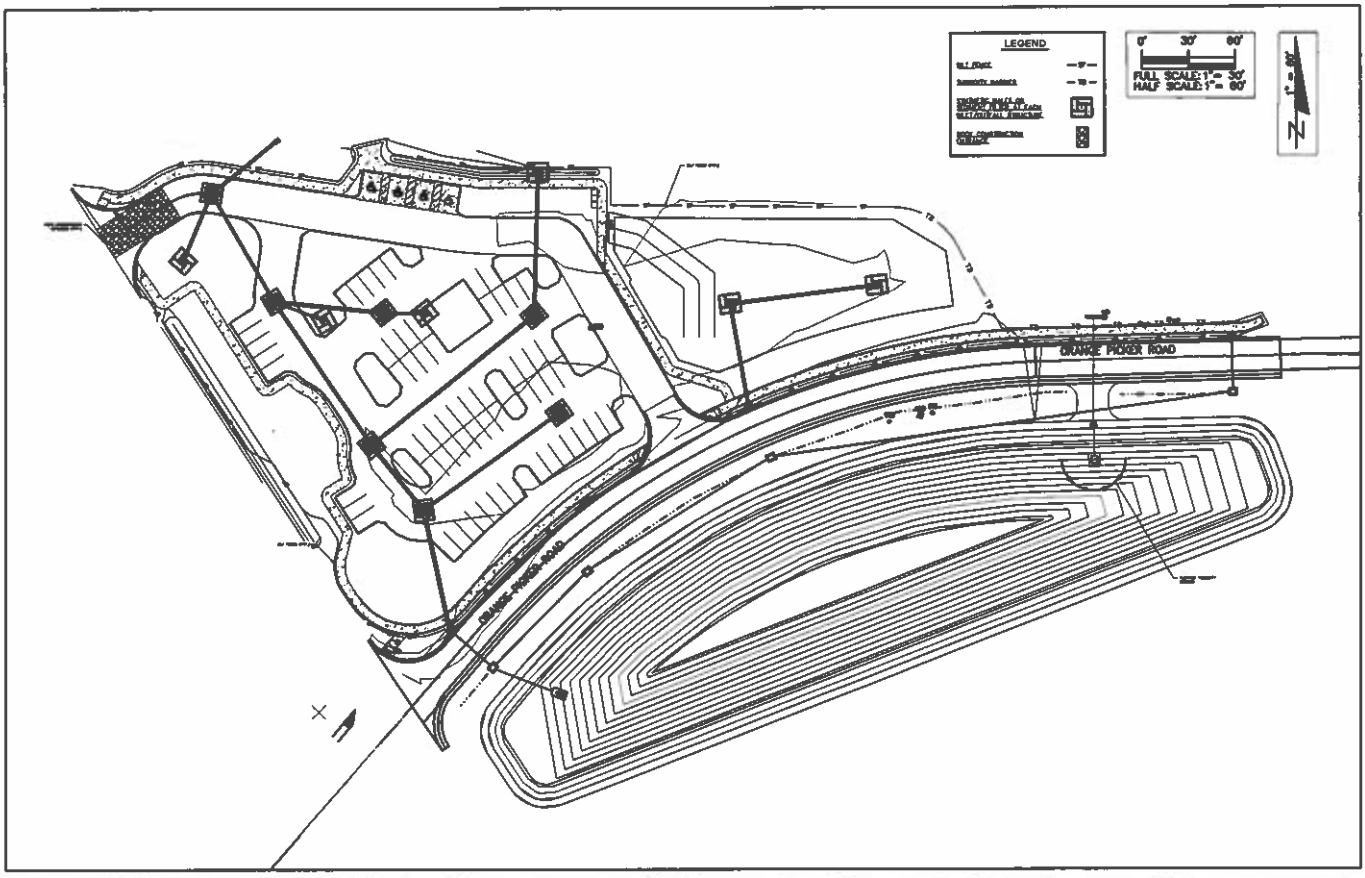


REVISIONS

| REV. | DATE | BY | DESCRIPTION |
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gai consultants

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| SCALE | AS SHOWN |
| DATE | 05/16/2022 |
| DRAWN | JBL |
| DESIGNED | RHB |
| APPROVED | RHB |

PROJECT NO. / GAI JOB NO. 819-448.41

EROSION CONTROL PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. C400

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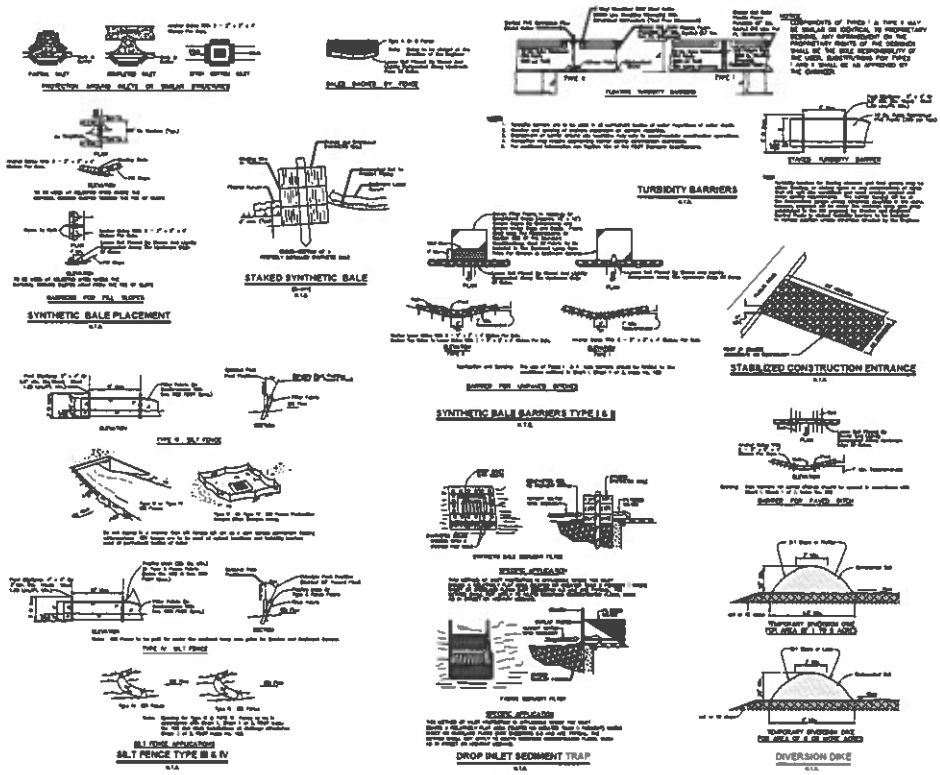
Z:\Jobs\2015\819\819-448.41 - Orange Picker Realign\CAD\CAD\C400 EROSION CONTROL PLAN.dwg Mar 28, 2023 - 12:17pm

# STORM WATER POLLUTION PREVENTION PLAN

EROSION AND SEDIMENT CONTROL NOTES

NOTE:
WHERE FDOT SPECS AND INDEX ARE REFERENCED, PLEASE REFER TO FDOT ROADWAY & TRAFFIC STANDARDS PLANS AND FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.




| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |
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gai consultants

REBECCA A. HERR-BRAY, P.E.

| | | | |
|---|---|---|---|
| SCALE | AS SHOWN | PROJECT NO. / TASK NO. | SWPPP |
| DATE | 03/10/2022 | 8151448.01 | |
| DRAWN | JL | | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA |
| CHECKED | TKB | | |
| APPROVED | RAB | | |

SHEET NO. C501

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# OWNER'S REQUIREMENTS

## SITE DESCRIPTION

## CONTROLS

## TIMING OF CONTROLS/MEASURES

## CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

## POLLUTION PREVENTION PLAN CERTIFICATION

# CONTRACTOR'S REQUIREMENTS

## GENERAL

## SEQUENCE OF MAJOR ACTIVITIES:

## TIMING OF CONTROLS/MEASURES

## CONTROLS

## CONTROLS CONT'D.

## OTHER CONTROLS

## INVENTORY FOR POLLUTION PREVENTION PLAN

## SPILL PREVENTION

## SPILL PREVENTION CONT'D.

## MAINTENANCE/INSPECTION PROCEDURES

## MAINT./INSP. PROCEDURES CONT'D.

## CONTRACTOR'S CERTIFICATION

| REVISIONS | | | |
|---|---|---|---|
| REV. | DATE | BY. | DESCRIPTION |
| | | | |
| | | | |
| | | | |
| | | | |

gai consultants

REBECCA A. HERR-GRAY, P.E.
Lic. No. 69629

| | |
|---|---|
| Scale | AS SHOWN |
| DATE | 05/18/2022 |
| Drawn | JSL |
| Checked | RHG |
| Approved | RHG |

PROJECT NO. / SHEET NO.
0131448.41

SWPPP

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C502

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# STORM WATER POLLUTION PREVENTION PLAN

ORANGE PICKER RD. REALIGNMENT
DUVAL COUNTY, FL

ORANGE PICKER RD. REALIGNMENT
DUVAL COUNTY, FL

ORANGE PICKER RD. REALIGNMENT
DUVAL COUNTY, FL

ORANGE PICKER RD. REALIGNMENT
DUVAL COUNTY, FL

NOTE TO CONTRACTOR:
THIS IS THE CONTRACTOR'S CERTIFICATION STATEMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE ORANGE PICKER RD. REALIGNMENT PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION OF THE SWPPP. THE CONTRACTOR SHALL PROVIDE THE SWPPP TO THE SUBCONTRACTORS AND SHALL ENSURE THAT THE SUBCONTRACTORS IMPLEMENT THE SWPPP.

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants
Gai Consultants, Inc.
Suite 100
Orlando, FL 32826
407-723-7450
www.gaiconsultants.com

REGISTERED PROFESSIONAL ENGINEER
JOHN DOE, 00000

| | |
|---|---|
| Date | AS SHOWN |
| D.E. | 09/19/2022 |
| DWN | JKL |
| CHKD | RHB |
| APPROVED | RHB |

PROJECT NO / TASK NO
B151448.01

SWPPP
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C503

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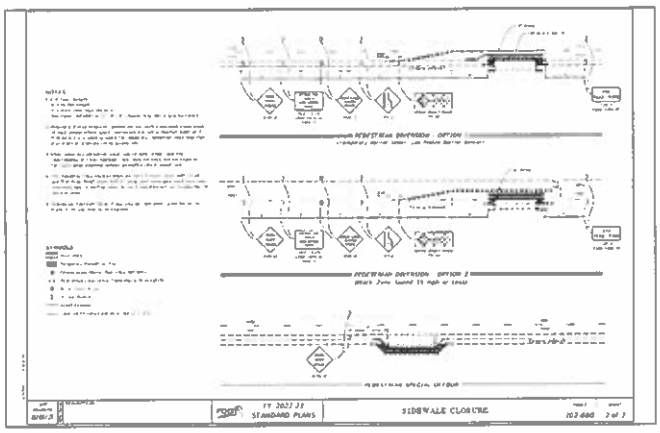


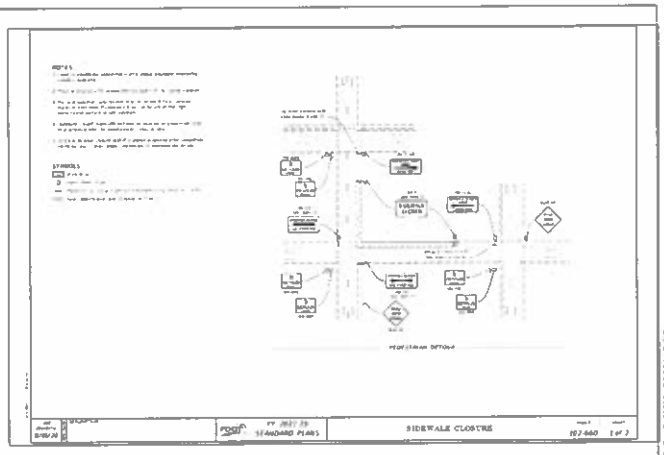


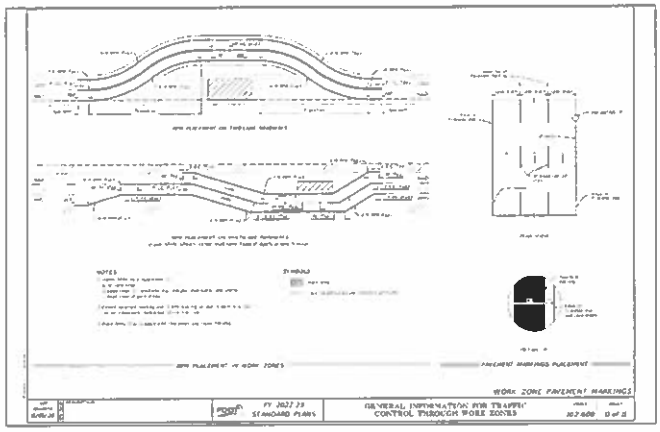


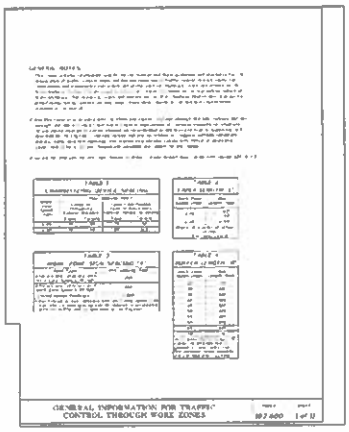


**NOTES**

1. NOTIFY THE TRAFFIC ENGINEERING DIVISION (336-7533) A MINIMUM OF 3 WORKING DAYS PRIOR TO IMPLEMENTATION OF MOT.
2. THE PROJECT WORK HOURS SHALL BE BETWEEN 7:00 AM AND 7:00 PM ON RESIDENTIAL STREETS AND 9:00 AM TO 4:00 PM ON COLLECTOR OR ARTERIAL STREETS. THERE SHALL BE NO LANE CLOSURES BETWEEN 7:00 AM AND 9:00 AM AND BETWEEN 4:00 PM AND 7:00 PM ON WEEKDAYS.
3. THE CONTRACTOR SHALL CONFIRM THAT EXISTING SIGNAGE WILL NOT POSE A CONFLICT FOR WORK ZONE TRAFFIC CONTROL. THE CONTRACTOR SHALL COVER OR REMOVE ALL SIGNS IN CONFLICT WITH THE TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS.
4. ACCESS TO SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
5. THIS REVIEW APPROVAL IS FOR CITY OF JACKSONVILLE MAINTAINED RIGHT OF WAY ONLY.

REVISIONS

| REV. | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants

REBECCA K. MERRI-GRAY, P.E.
LIC. NO. 66829

| | |
|---|---|
| TITLE | AS SHOWN |
| DATE | 06/18/2022 |
| DRAWN | JRL |
| CHECKED | RKG |
| APPROVED | RKG |

PROJECT NO. / GAI NO.
015-448.41

# MOT PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
C600

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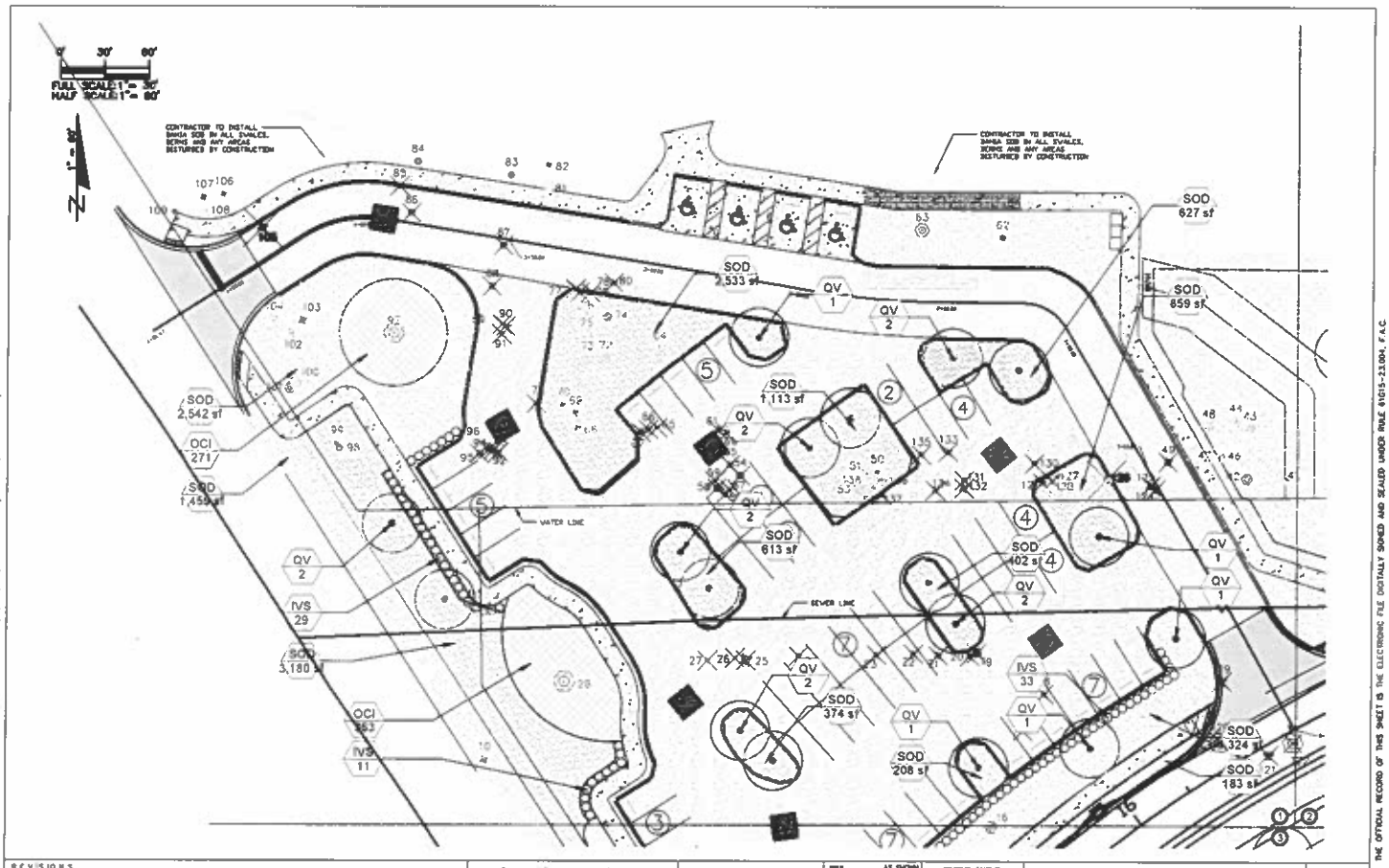


| REVISIONS | | | |
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| REV | DATE | BY | DESCRIPTION |

gai consultants

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| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JL |
| DESIGNED | RHS |
| CHECKED | RHS |
| APPROVED | RHS |

PROJECT NO. / GAI# NO. 015144.41

# LANDSCAPE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. L100

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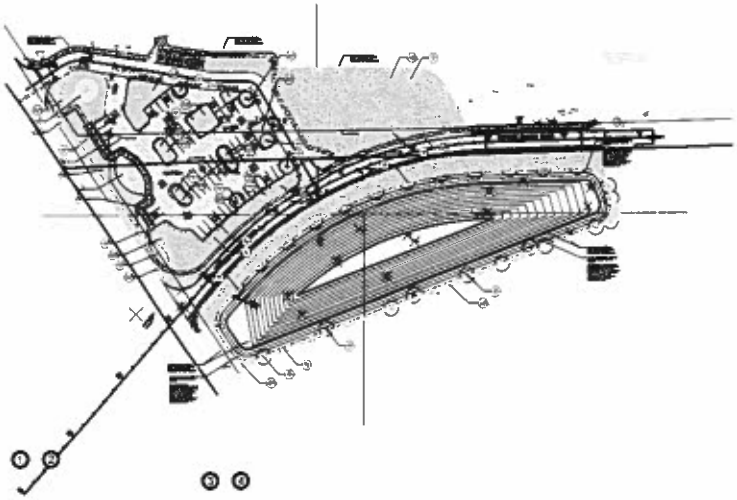

0' 30' 60'
FULL SCALE 1" = 30'
HALF SCALE 1" = 60'

N

PLANT SCHEDULE

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REVISIONS

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gai consultants

JOHN PERRY, P.L.A.
L.A. No. 1330

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JRL |
| CHECKED | RHD |
| APPROVED | RHD |

PROJECT NO. / DWG NO.
015144.01

# LANDSCAPE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
L101

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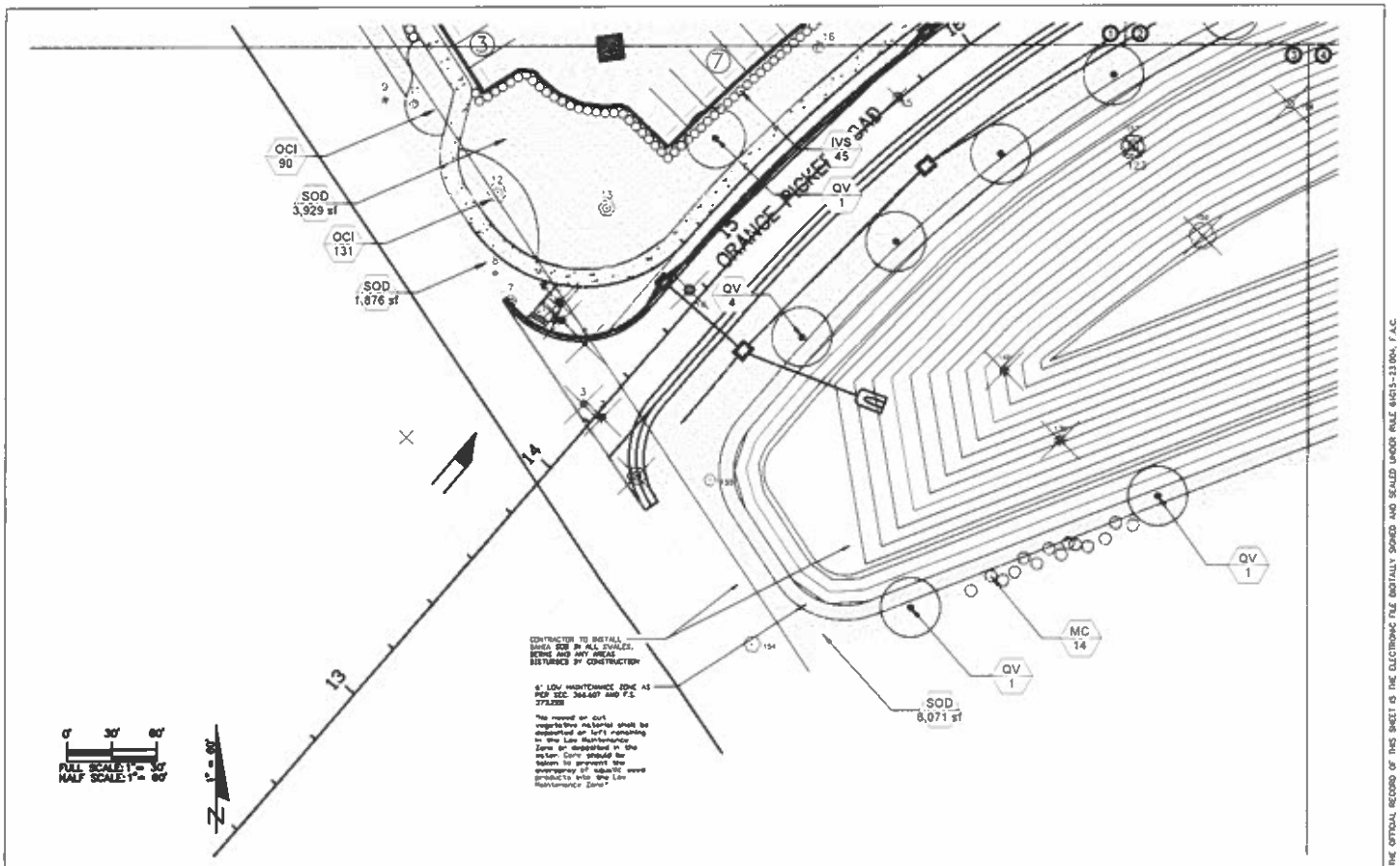


| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |

gai consultants

RUNY PERRY, P.L.A.
Lic. No. 1626

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/16/2022 |
| DRAWN | JRL |
| CHECKED | RHB |
| APPROVED | RHB |

PROJECT NO. / WBS NO.
B131448.01

# LANDSCAPE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
L102

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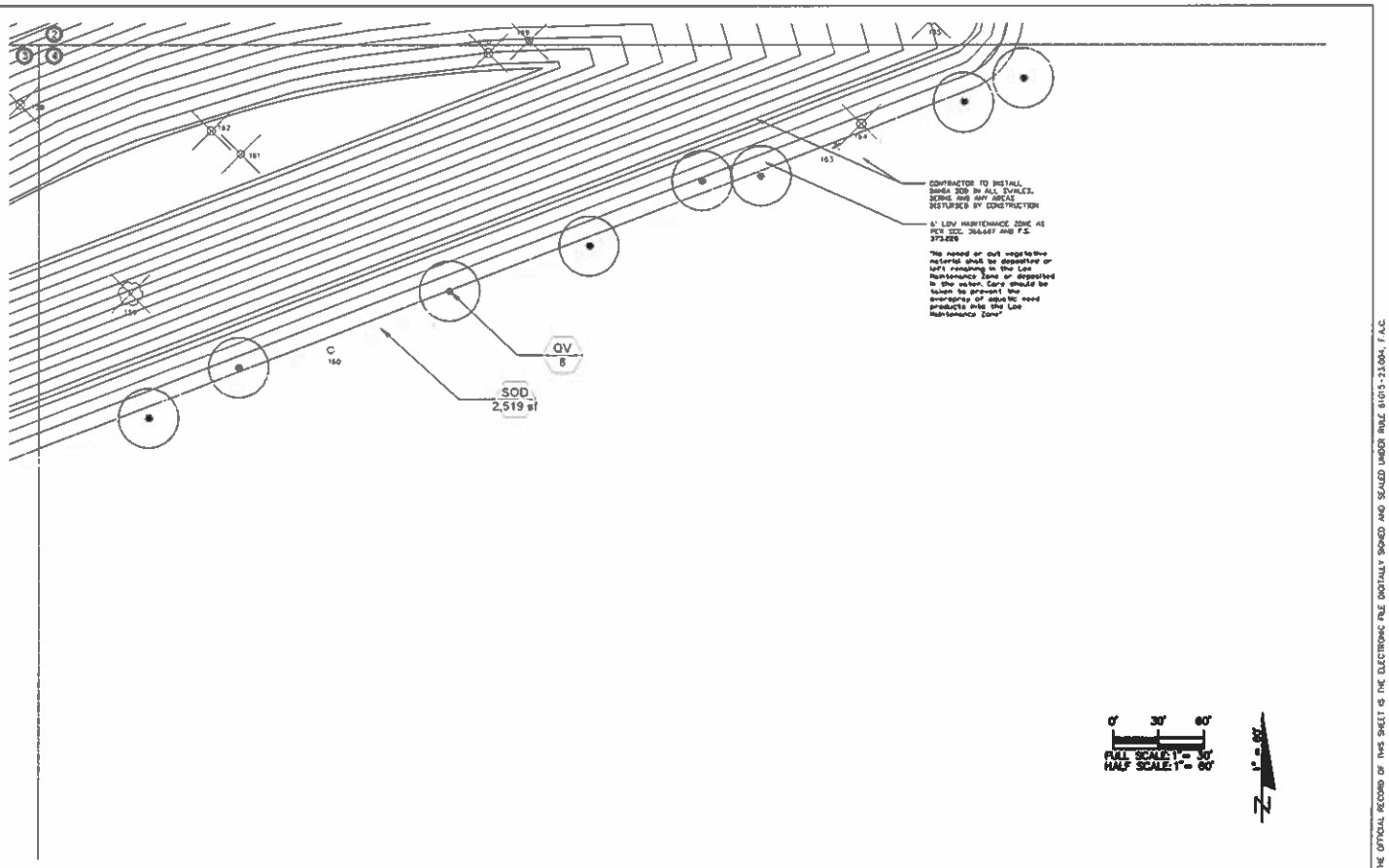


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REVISIONS

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transform ideas into reality

RUSH PERRY, P.E.A.
Lic. No. 19630

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JBL |
| CHECKED | RHB |
| APPROVED | RHB |

PROJECT NO. / TASK NO.
B131448.61

This drawing was produced with computer aided drafting technology and is supported by standard drafting tools. Do not make the drawing to meet drafting methods.

# LANDSCAPE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
L103

| TREES | CODE | BOTANICAL / COMMON NAME | SIZE | SPECS | | QTY | DETAIL | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | QV | Quercus virginiana / Live Oak | 65 gal | 4" CAL., 16' HT X 6' SPRD | | 52 | | Full & Even Canopy |
| **SHRUBS** | **CODE** | **BOTANICAL / COMMON NAME** | **SIZE** | **CONTAINER** | | **QTY** | **DETAIL** | **REMARKS** |
| | IVS | Ilex vomitoria 'Stokes Dwarf' / Dwarf Yaupon | 3 GAL. | 12"-15" x 12"-15" | | 120 | | 36" O.C. Full & Thick |
| | MC | Myrica cerifera / Wax Myrtle | 15 GAL. | 4' HT. X 3' W., FTG. | | 14 | | 6' O.C. Full & Thick |
| **SHRUB AREAS** | **CODE** | **BOTANICAL / COMMON NAME** | **SIZE** | **CONTAINER** | **SPACING** | **QTY** | **DETAIL** | **REMARKS** |
| | OCI | Osmunda cinamomea / Cinnamon Fern | 1 gal | 24" OA. Full | 24" o.c. | 855 | | Full & Thick |
| **SOD** | **CODE** | **BOTANICAL / COMMON NAME** | **SIZE** | **CONTAINER** | **SPACING** | **QTY** | **DETAIL** | **REMARKS** |
| | SOD | Paspalum notatum / Bahia Grass | SOD | 12"x18" solid sod pieces | | 66,408 sf | | Contractor to verify amount |

100% NATIVE LANDSCAPE PROVIDED

| | |
|---|---|
| TOTAL SITE AREA | 3.6 AC. (156 816 S.F.) |
| **MINIMUM TREE PLANTING** | |
| Trees required (site S.F./10 000) | 15 |
| Trees provided | 52 |
| **TOTAL VEHICULAR USE AREA** | 1.9 AC (85 340 S.F.) |
| Landscape required (S.F. X .10) | .19 AC (8 534 S.F.) |
| Landscape provided | .19 AC (8 534 S.F.) |
| Trees | |
| Trees required (V.U.A./4000) | 16 |
| Trees provided | 16 |
| Shrubs | |
| Shrubs required (8 534 S.F. x 25) | 1 633.8 P |
| Shrubs provided | 1 633.8 P |
| Landscape island | |
| Trees required (1 Tree per island) | 10 |
| Trees provided | 10 |
| **NORTH PERIMETER LANDSCAPING** (existing park) | NA |
| **SOUTH PERIMETER LANDSCAPING** (adjacent to roadway) | 700 L.F. |
| Landscape required (L.F. x 5) | 3 500 S.F. |
| Landscape provided | 3 500 S.F. |
| Trees | |
| Trees required (L.F. / 50) | 14 |
| Trees provided | 14 |
| **EAST PERIMETER LANDSCAPING** (existing park) | NA |
| **WEST PERIMETER LANDSCAPING** (existing park) | NA |

NOTE
ALL LANDSCAPE AREAS WILL BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM

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

\\gaiconsultants.local\Dfs\gai\projects\2015\0151448.41 - Orange Picker Realign\CAD\CADD\100 LA PLAN.dwg Mar 28, 2023 - 1:52pm

REVISIONS

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants
transform engineering reality

JEFFREY PERRY, P.L.A.
LIC. NO. 1930

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JBL |
| CHECKED | RHB |
| APPROVED | RHB |

PROJECT NO. / PHASE NO.
0151448.41

This drawing was prepared with reasonable care and diligence, and is intended to meet the criteria as set forth in the scope of subject facility outlook.

# LANDSCAPE PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
L104

LANDSCAPE NOTES:

1. In the event of variation between the quantities shown on the plant list and the plans, the plans shall control. Sod & Mulch quantity take-offs are the responsibility of the landscape contractor.

2. No plant material substitutions shall be permitted or will be accepted without the written consent of the Landscape Architect.

3. All plantings shall be backfilled with the best of the on-site soil.

4. The landscape contractor is responsible for the immediate repair, at his/her own expense, to any on-site utilities damaged by these landscape construction operations.

5. It is the responsibility of the landscape contractor to prevent plants from falling or being blown over. The landscape contractor shall straighten, repair, and/or replace any plants damaged by a failure to properly stake or guy any trees on-site, at his/her own expense. The landscape contractor shall not be responsible for any trees blown over or damaged by winds in excess of 50 miles per hour.

6. Unless otherwise stated on these plans, the landscape contractor shall only be responsible for fine grading of the planting and sodding areas. Fine grading is described as the final .10 of grade to be achieved.

7. The landscape contractor shall assure that this work does not interrupt existing or projected drainage patterns.

8. All sod must be placed with staggered joints, tightly butted, with no gaps or overlapping pieces. All sod shall be rolled.

9. All tree & planting beds shall be top dressed with 3" of pine bark nugget mulch.

10. The landscape contractor shall remove his/her excess waste material from the project site on a daily basis.

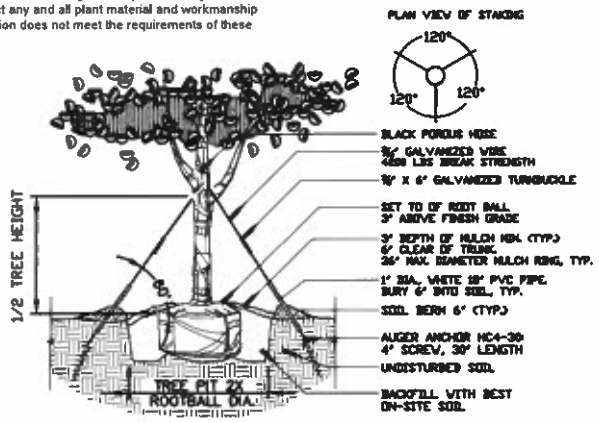
11. Maintenance shall be the responsibility of the landscape contractor until such time as final acceptance of the project has been granted by the City. Maintenance shall include watering, mulching, weeding, pruning, replacement of dead and dying plants, cutting sod and any other operation necessary for the proper care of these plants.

12. All trees, shrubs, ground covers and sod shall be guaranteed for one year from date of substantial completion of this project. Replacement of material shall be guaranteed for an additional one year.

13. The landscape contractor shall not be responsible to honor any warranty for the loss of any trees, shrubs, ground covers, or sod caused by flooding, fire, freezing temperatures, winds over 50 miles per hour, lightning or any other natural disaster. The landscape contractor is also not responsible for any damage caused by vandalism or negligence on the part of the owner.

14. All plant material shall be Florida Number 1 or better in quality as described in Florida Grades and Standards for Nursery Plants, Florida Department of Agriculture.

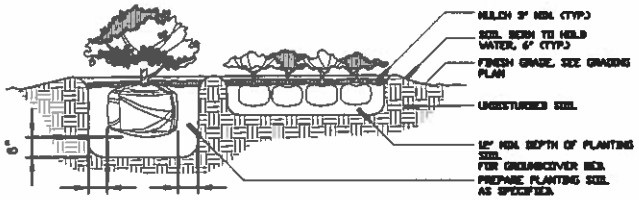
15. The Consultant shall have the right, at any time during these operations to reject any and all plant material and workmanship which in their opinion does not meet the requirements of these specifications.




1 L105 TREE PLANTING

SCALE: N.T.S.

NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.




2 L105 SHRUB & GROUNDCOVER PLANTING

SCALE: N.T.S.

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REVISIONS

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|---|---|---|---|
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gai consultants

RUTH RONEY, P.L.A.

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 05/18/2022 |
| DRAWN | JBL |
| DESIGNED | RHR |
| APPROVED | RHR |

PROJECT NO. / SHEET NO. 815144841

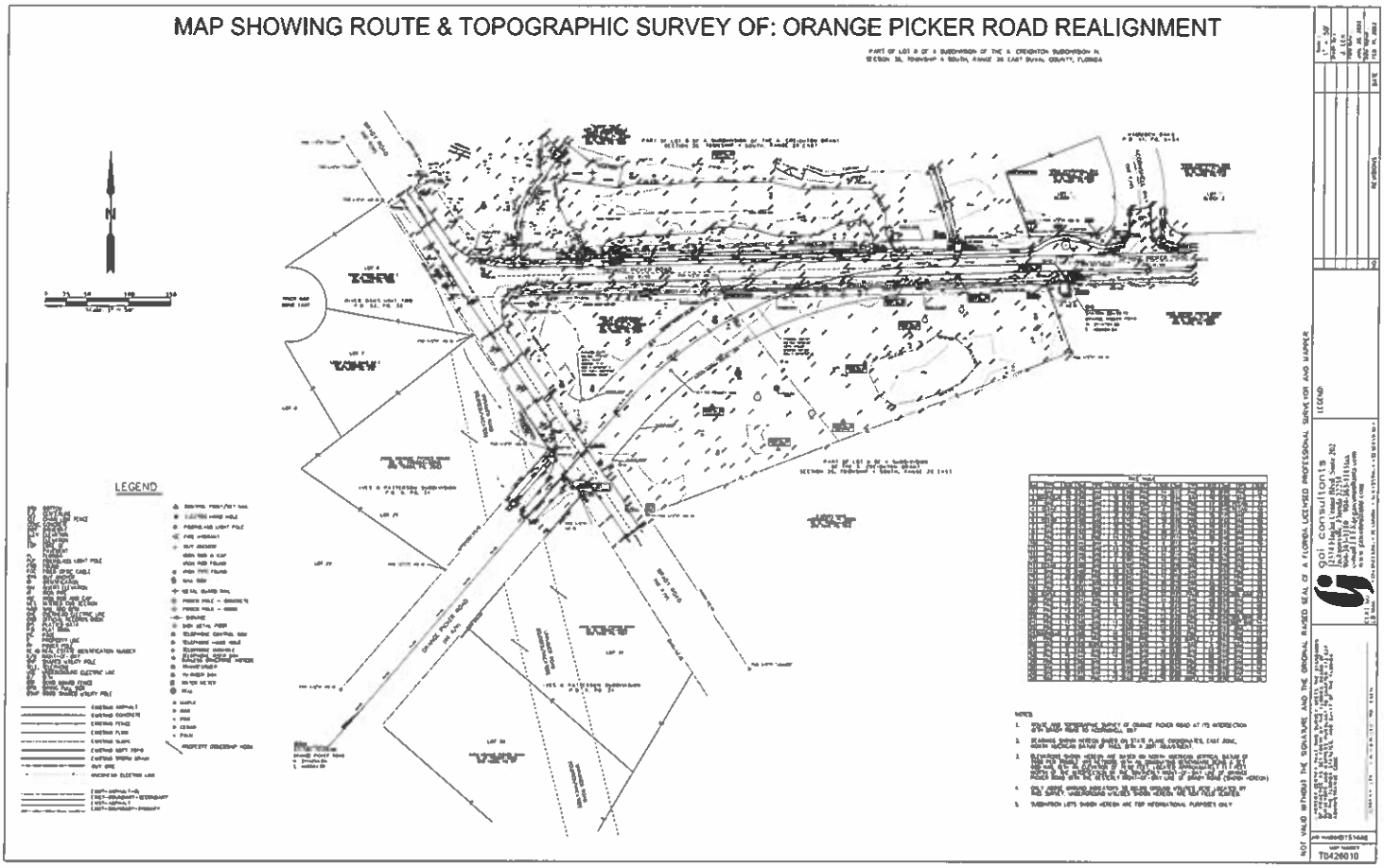
LANDSCAPE PLAN

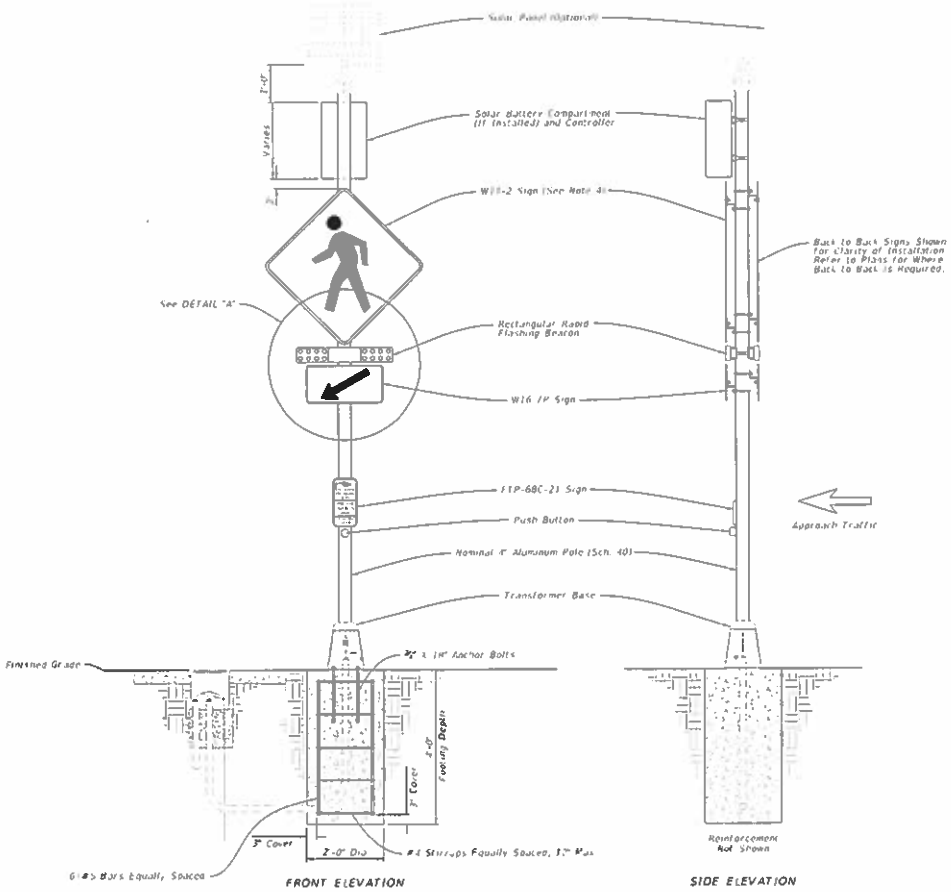
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. L105

\\gaiconsultants.local\BuPrg\Jobs\2015\815144841 - Orange Picker Realign\CAD\CAD\L100 LA PLAN.dwg Mar 28, 2023 - 1:52pm

# MAP SHOWING ROUTE & TOPOGRAPHIC SURVEY OF: ORANGE PICKER ROAD REALIGNMENT

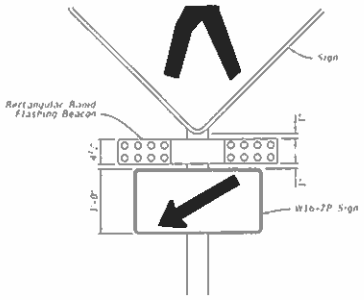





ADJACENT TO SIDEWALK

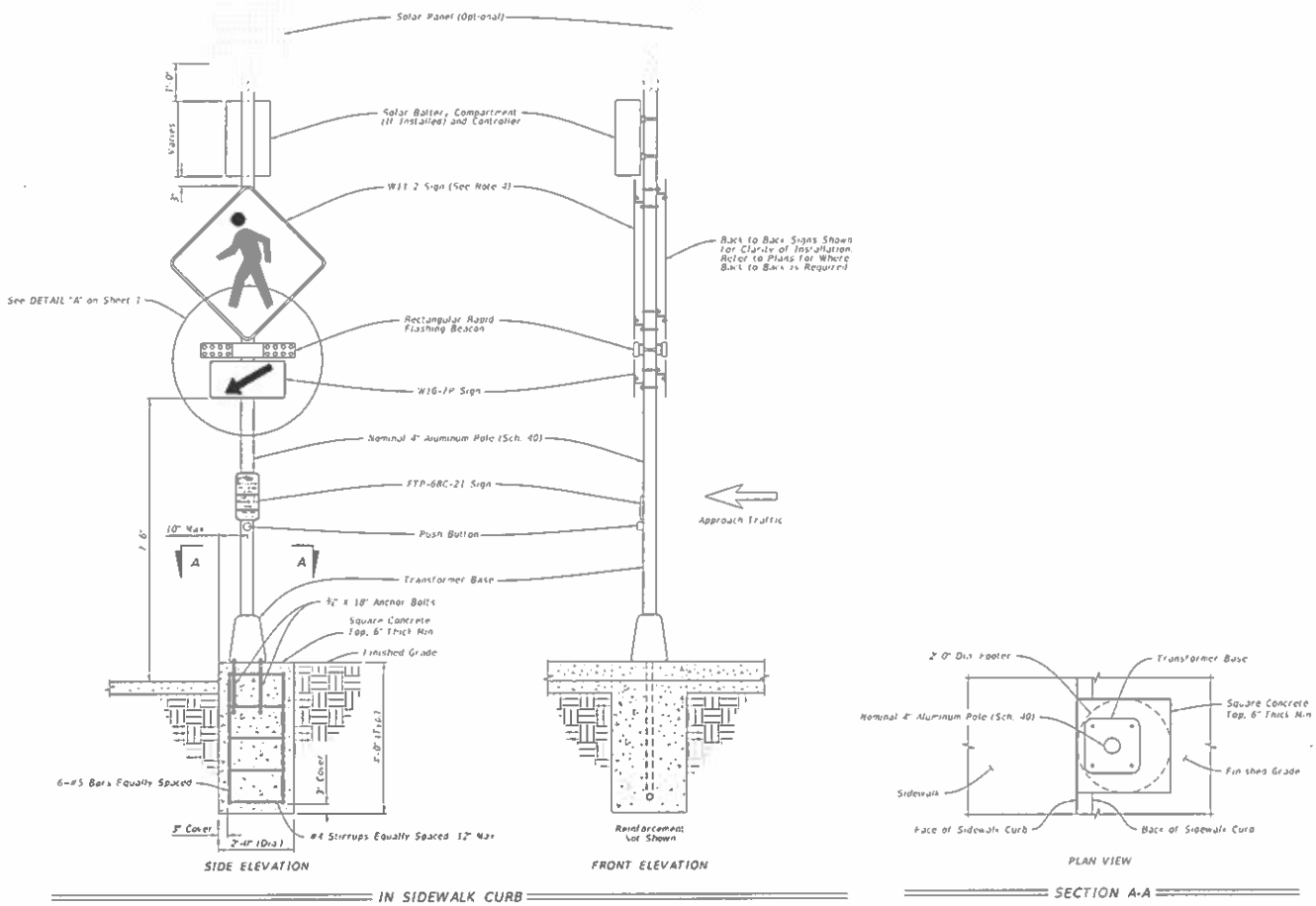
## NOTES:

1. A transformer base is required for both conventionally-powered and solar-powered applications. Install pull box, conduit, wiring, and grounding in accordance with Index 980-120 based on the powering configuration called for in the Plans.
2. Install the RRFB in pairs, one on either side of approach traffic.
3. Install controller on the backside of post from approach traffic.
4. Install a 30" x 30" W11-2 sign on two-lane roadways and a 36" x 36" W11-2 sign for multilane roadways.
5. Install push button and FTP-68C-21 sign in accordance with Index 665-001.
6. Engage all threads on the transformer base and post unless the aluminum post is fully seated into base.
7. Meet the requirements of Specification 649.
8. Install a concrete slab around all pull boxes. The minimum slab dimension is 3'-0" x 3'-0". In urban areas where space is limited slab dimensions may be adjusted as shown in the Plans.
9. For assemblies connected to conventional power, provide single pole non fused watertight breakaway electrical connectors in the frangible transformer base.
10. When wire entry holes are drilled in the sign column, use a bushing or rubber grommet to protect conductors.
11. For solar powered applications, orient solar panel to face South for optimal exposure to sunlight.




DETAIL "A"

| LAST REVISION | REVISION | DESCRIPTION | | | INDEX | SHEET |
|---|---|---|---|---|---|---|
| 11/01/21 | | | FDOT FY 2023-24 STANDARD PLANS | RECTANGULAR RAPID FLASHING BEACON ASSEMBLY | 654-001 | 1 of 2 |




| LAST REVISION | REVISION | DESCRIPTION: | FDOT | FY 2023-24 STANDARD PLANS | RECTANGULAR RAPID FLASHING BEACON ASSEMBLY | INDEX | SHEET |
|---|---|---|---|---|---|---|---|
| 11/01/21 | | | | | | 654-001 | 2 of 2 |

# ORANGE PICKER ROAD REALIGNMENT

**Jacksonville, FL 32218**

**FOR**

# CITY OF JACKSONVILLE, FLORIDA

**DEPARTMENT OF PUBLIC WORKS**

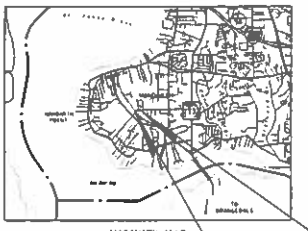
**Jacksonville, Florida 32202**

*Prepared By:*


gai consultants

12574 FLAGLER CENTER BLVD.
SUITE 202
JACKSONVILLE, FL 32258
PHONE: (904) 363-1110


60% SUBMITTAL



VICINITY MAP

END JEA WATER & SEWER IMPROVEMENTS
STA. 18+57.42

BEGIN JEA WATER & SEWER IMPROVEMENTS
STA. 13+89.97

| DESCRIPTION | DATE |
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| | |
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SHEET INDEX


| | |
|---|---|
| W-1 | COVER SHEET |
| W-2 TO W-3 | GENERAL NOTES |
| W-4 | WATER AND FORCE MAIN PLAN |
| W-5 TO W-6 | WATER MAIN PROFILE |
| W-7 | FORCE MAIN PROFILE |
| W-8 TO W-11 | JEA WATER DETAILS |
| W-12 TO W-18 | JEA SEWER DETAILS |



ENGINEER:
GAI CONSULTANTS, INC.
12574 FLAGLER CENTER BLVD., SUITE 202
JACKSONVILLE, FLORIDA 32258
PHONE: 904.363.1110
904.363.0000 (FAX)


## PLAN APPROVAL

| | |
|---|---|
| Date | Development Services Division (DSD) |
| Date | Public Group (Re-Review) |

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

**PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:**

## GENERAL PROJECT INFORMATION

| | |
|---|---|
| **GENERAL** | |
| City Development Number | 4246.100 |
| Concurrency Application Number | - |
| Proposed Approved Facilities (PFE #) | - |
| Zoning Designation | - |
| Zoning Application # (Rezn) | - |
| **FLUM Designation Number** | - |
| FBPM - Community - Parcel | - |
| Flood Zones (Show in Plans) | - |
| Base Flood Elev. (Show in Plans) | N/A |
| Year Land Owner Used for Project | 04/06/08 |
| JEA Availability Number | - |
| **SURVEY DATA** | |
| FCS Number | N/A |
| City or Private Inspection | N/A |
| Public or Private Roads | N/A |
| Subdivision (YES? Date Pre-Plat?) | N/A |
| **NON-SJ JURISDICTION** | |
| South Jacksonville Industry | |
| Classification System (NAICS) | - |
| Impervious Area (Sq. Ft.) | - |

**COVER SHEET**

## SURVEY AND LOCATE DATA:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]

## PERMIT REQUIREMENTS (NOT ALL INCLUSIVE):

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]

## UTILITY CONTACTS:

[illegible]

## INSTALLATION NOTES:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible]
15. SHEET PILING WILL BE REQUIRED IN ALL EXCAVATIONS DEEPER THAN 10 FEET.
16. [illegible]
17. [illegible]
18. [illegible]

## LEGEND

| UTILITY NAME | EXISTING SYMBOL | PROPOSED SYMBOL |
|---|---|---|
| [illegible] | [illegible] | [illegible] |

## ABBREVIATIONS

[illegible]

| REVISIONS | | | |
|---|---|---|---|
| REV. | DATE | BY | DESCRIPTION |

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transforming ideas into reality

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/20/2022 |
| DRAWN | [illegible] |
| CHECKED | [illegible] |
| APPROVED | MHB |

GENERAL NOTES

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

W-2

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

## JEA UTILITY CONSTRUCTION NOTES:

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]

5. [illegible]

6. [illegible]

7. [illegible]

8. [illegible]

9. [illegible]

10. [illegible]

11. [illegible]

12. [illegible]

13. [illegible]

14. [illegible]

15. [illegible]

16. [illegible]

17. [illegible]

18. [illegible]

## EXISTING UTILITY PROTECTION:

1. [illegible]

2. [illegible]

3. [illegible]

## RESTORATION NOTES:

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]

5. [illegible]

6. [illegible]

## MAINTENANCE OF TRAFFIC NOTES:

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]

5. [illegible]

6. [illegible]

7. [illegible]

8. [illegible]

9. [illegible]

| REVISIONS | | | |
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gai consultants
STORMWATER MANAGEMENT
32 LAKE GRAND STREET
SUITE 202
ORLANDO, FL 32806
(407) 843-1190

| | |
|---|---|
| DESIGNED | AS SHOWN |
| DATE | 9/29/2022 |
| DRAWN | JYK |
| CHECKED | RTJ |
| APPROVED | [illegible] |

PROJECT NO. 0120.01
B131448.01

GENERAL NOTES

ORANGE PICKER RD REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-3

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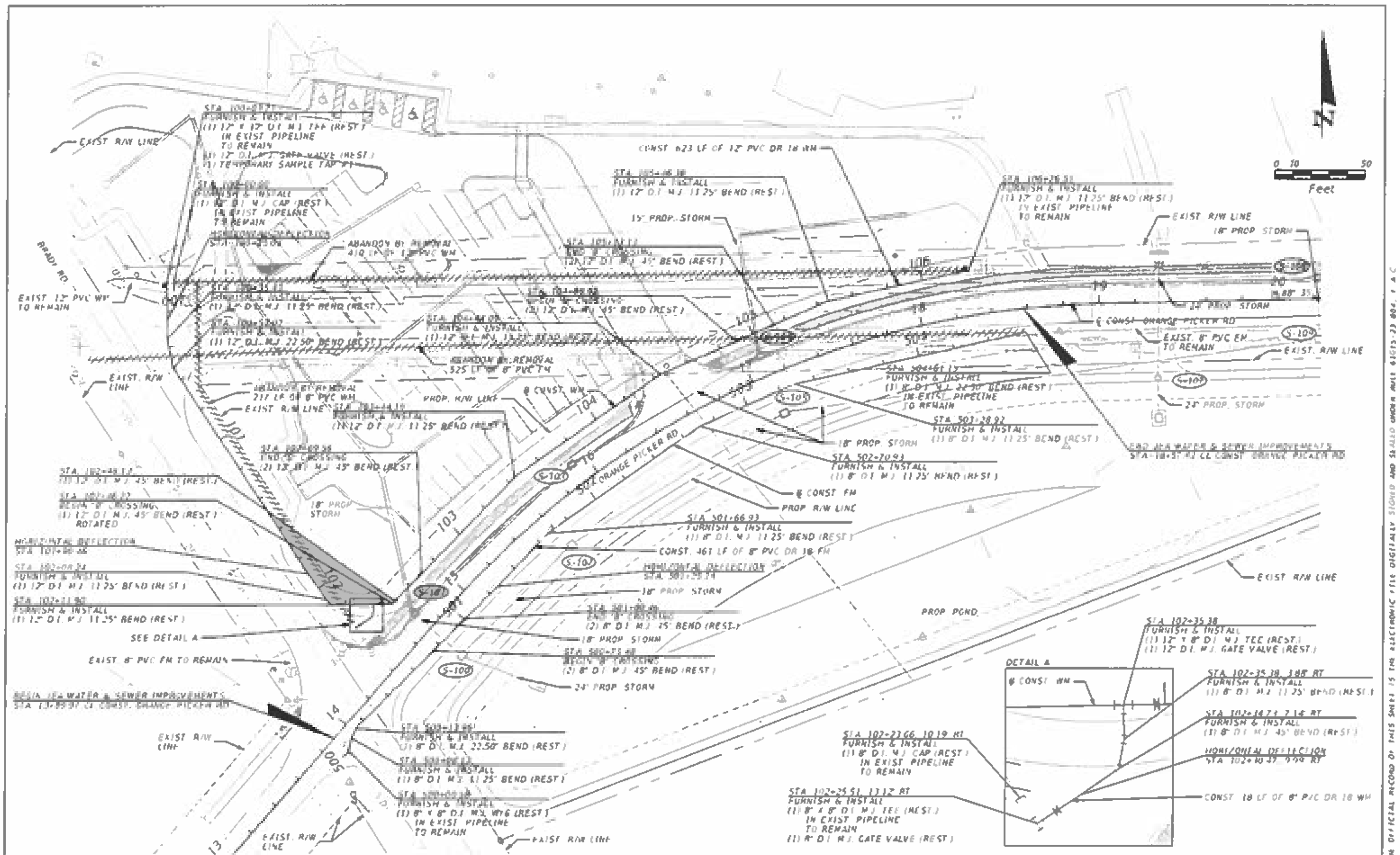


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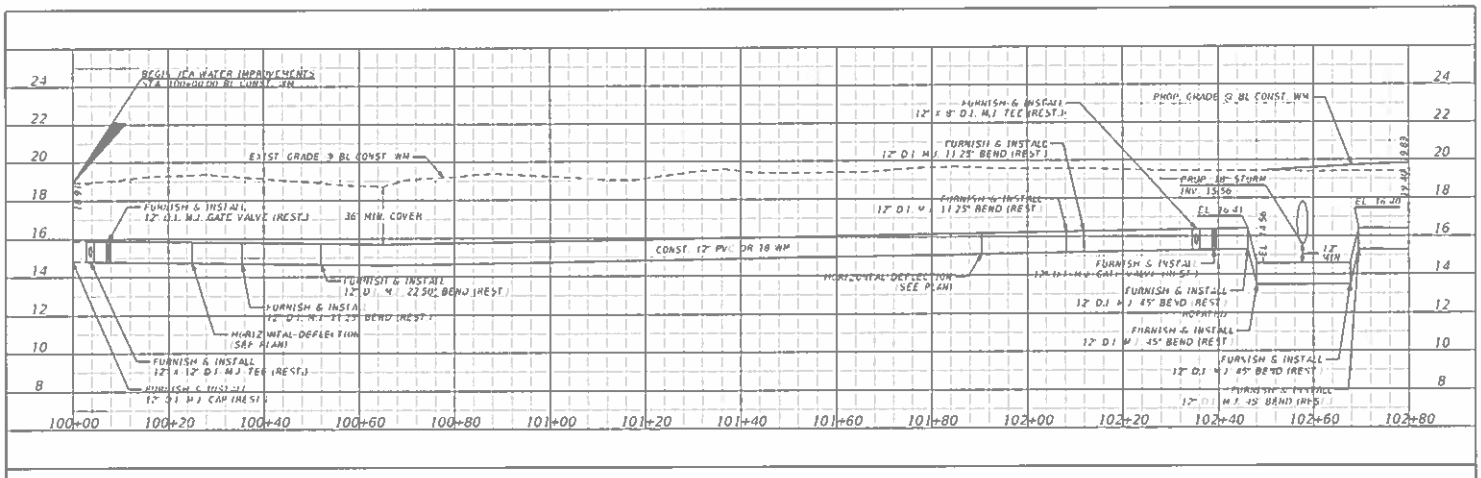
| DATE | 9/29/2022 |
| DRAWN | JKM |
| CHECKED | RTJ |
| APPROVED | MHB |

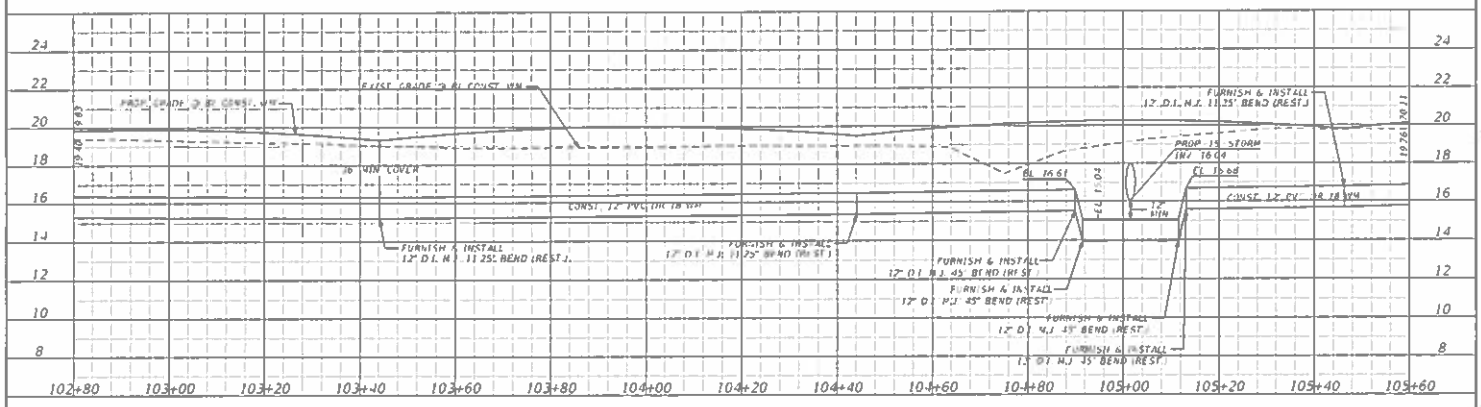
PROJECT No. 8151448.41

WATER AND SEWER MAIN PLAN

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-4




| REVISIONS | | | |
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| | | | |

gai consultants
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225 N. JULIAN CENTER BLVD
MAITLAND
JACKSONVILLE, FL 32258
(904) 318-3210

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/29/2017 |
| DESIGN | JKW |
| DRAWN | BTJ |
| APPROVED | MHB |

813-448-41

12" WATER MAIN PROFILE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

W-5

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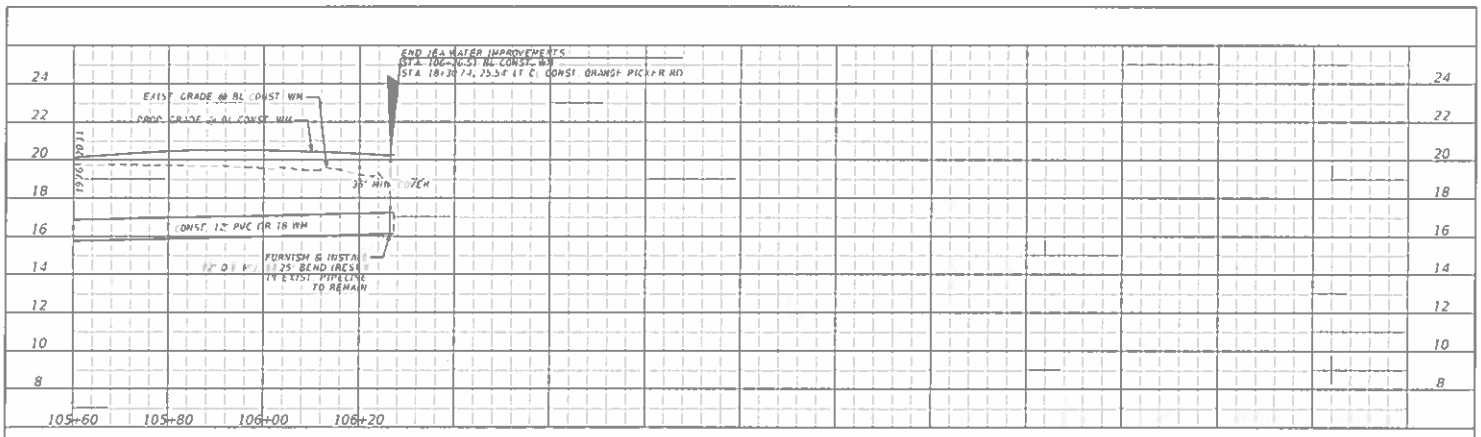


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12574 FLAGLER CENTER BLVD
SUITE 250
JACKSONVILLE, FL 32258
(904) 363-1230

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| SCALE | AS SHOWN |
| DATE | 9/29/2022 |
| DESIGN | JSW |
| CHECK BY | RTJ |
| DRAWN BY | WHB |

PROJECT NO. 0123448.01

12" WATER MAIN PROFILE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-6

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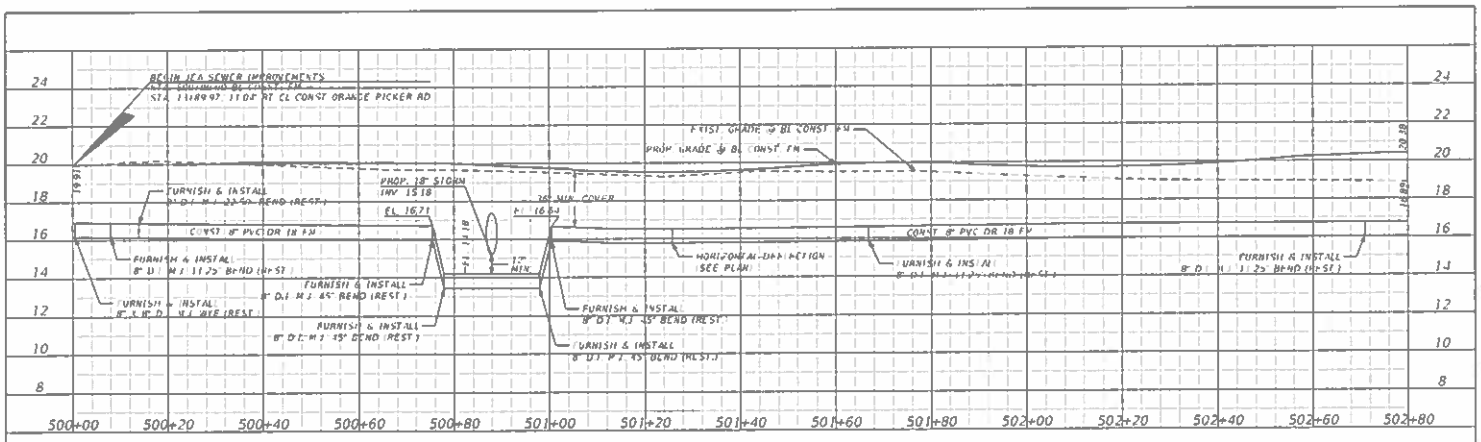


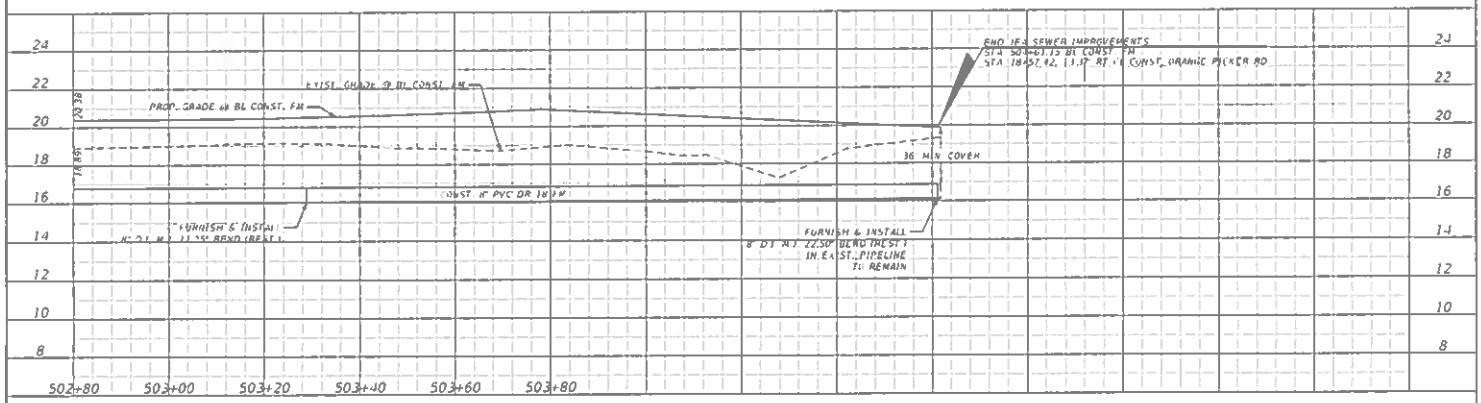


| REVISIONS | | | |
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| NO. | DATE | BY | DESCRIPTION |

gai consultants
TRANSFORMING GENERATIONS TOGETHER
LOCATION: JACKSONVILLE, FLORIDA
PHONE: 904.363.1200
FACSIMILE: 904.363.1300
WWW.GAI.COM

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/29/2022 |
| DRAWN | JKM |
| DESIGNED | RT |
| APPROVED | MHB |

8" FORCE MAIN PROFILE

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-7

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## HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

### PROPOSED UTILITY

| CONFLICTING UTILITY | PRIMARY WATER | | | SECONDARY WATER AND FORCE MAIN | | | RECLAIMED WATER | | | STORM OR RIB | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORIZ. | VERT. | JOINT (Horiz. Vert.) | HORIZ. | VERT. | JOINT (Horiz. Vert.) | HORIZ. | VERT. | JOINT (Horiz. Vert.) | HORIZ. | VERT. | JOINT (Horiz. Vert.) |
| PRIMARY WATER | NOTE 1 | 12" | 6" NOTE 2 | 6" to 10" | 12" | 6" NOTE 2 | 2' | 12" | 6" NOTE 2 | NOTE 1 | 12" | 6" NOTE 2 |
| RECLAIMED WATER | 2' | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 1' | 12" | 6" NOTE 2 | NOTE 1 | 12" | 6" NOTE 2 |
| SANITARY SEWER OR FORCE MAIN | 6' to 10' | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" | 2' NOTE 1 | 12" | 6" NOTE 2 | NOTE 1 | 12" | 6" NOTE 2 |
| STORM SEWERS | 3' to 10' | 12" | 6" NOTE 2 | 3' NOTE 1 | 12" | 6" | 2' NOTE 1 | 12" | 6" NOTE 2 | NOTE 1 | 12" | 6" NOTE 2 |
| HEIGHT OF VAULTS | 3' NOTE 1 | N/A | N/A | 3' NOTE 1 | N/A | N/A | 2' NOTE 1 | N/A | N/A | NOTE 1 | N/A | N/A |
| "PERMANENT" SURFACE FEATURES (SIGNS, POLES, ETC.) | 2' NOTE 1 | N/A | N/A | 2' NOTE 1 | N/A | N/A | 2' NOTE 1 | N/A | N/A | 2' NOTE 1 | N/A | N/A |
| STORM SEWERS | 3' NOTE 1 | 12" | 6" NOTE 2 | 3' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 3' NOTE 1 | 12" | 6" NOTE 2 |
| CMU | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 |
| TREES | 2-10' NOTE 3 | N/A | N/A | 2-10' NOTE 3 | N/A | N/A | 1-10' NOTE 3 | N/A | N/A | 1-10' NOTE 3 | N/A | N/A |
| ALL OTHER UTILITIES | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 | 2' NOTE 1 | 12" | 6" NOTE 2 |

### NOTES

1. THIS SEPARATION IS FOR SERVICE, 3/4 PROVIDE ACCESS BASIS AT NON-CONFLICTING AND MAIN TO MAINLINE. THERE MAY BE HORIZONTAL SEPARATIONS IN THE MAINLINE FOR PIPES WITH THREE FEET OF COVER. FOR PIPES INCREASE A "GREATER DEPTH PROVIDE AN ADDITIONAL FOOT OF SEPARATION FOR EACH ADDITIONAL FOOT OF DEPTH.
2. THE HORIZONTAL JOINT SPACING REQUIRED FROM CROSSING PIPES IS NOT UTILITIES SHALL MAIN. HORIZ. HORIZONTAL VERTICAL AS SEPARATION.
3. REQUIRED AS CLEAR AND MAINTAIN OR SHOW TO MAINTAIN OR SHOW TO MAINTAIN OR SHOW.
4. NO SHOTS IN PIPE SHALL PASS THROUGH OR CLOSE INTO CONFLICT WITH ANY PART OF ANOTHER. OR STORM WATER MAIN OR OTHER PIPE.
5. WATER MAINS SHOULD ENTER NEW OR OTHER PIPES AND SEWER PROVIDED. WHEN ON THE MAIN MAIN BE BELOW OTHER UTILITY PIPING. THE MINIMUM SEPARATION SHALL BE 18 INCHES.
6. REFER TO POTABLE WATER PIPING SECTION FOR SEE 4.

## SEPARATION REQUIREMENTS FOR WATER, WASTEWATER AND RECLAIMED WATER MAINS

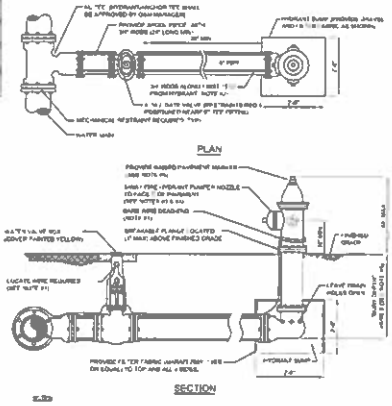
JANUARY 2022 PLATE W-10

PARTS MAIN AND MINIMUM BE MAIN BE PARTS FOR SEPARATION (1) NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]

## NOTES ON UTILITY SEPARATION REQUIREMENTS

JANUARY 2022 PLATE W-11

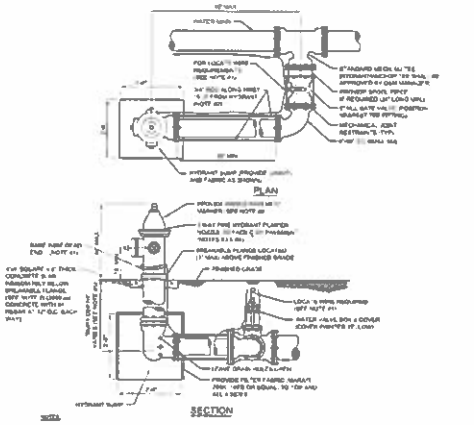



### NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]

## FIRE HYDRANT INSTALLATION USING MECHANICAL JOINT TEE

JANUARY 2022 PLATE W-13




### NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]

## FIRE HYDRANT INSTALLATION LIMITED SPACE

JANUARY 2022 PLATE W-14

| REVISIONS | | | |
|---|---|---|---|
| REV. | DATE | BY | DESCRIPTION |
| | | | |

gai consultants
[illegible]
[illegible] 32246
(904) 363-1210

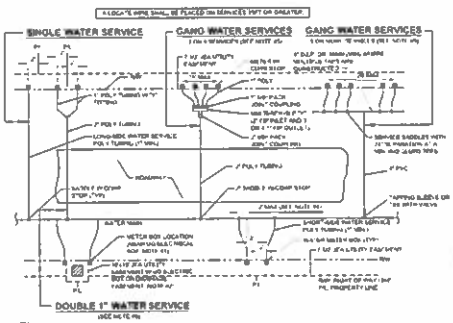
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/29/2022 |
| DESIGN | JKM |
| DRAWN | RFJ |
| CHECK | NHB |

JEA WATER DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

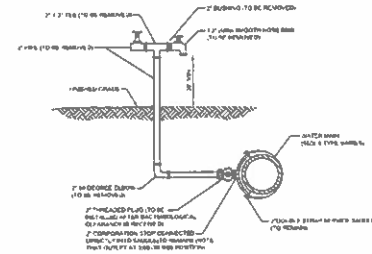
SHEET NO. W-8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23 F.A.C.



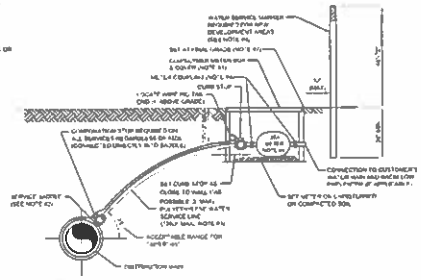

## WATER OR RECLAIM SERVICE INSTALLATIONS 2" AND SMALLER METER

JANUARY 2022 PLATE W-1



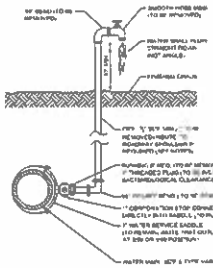
## 2" TEMPORARY SAMPLE TAP FOR STUB OUT

JANUARY 2022 PLATE W-26



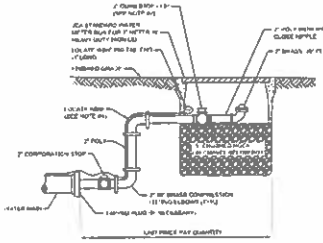
## WATER SERVICE DETAIL- 2" AND SMALLER METER

JANUARY 2022 PLATE W-2



## TEMPORARY SAMPLE TAP

JANUARY 2022 PLATE W-25



## FLUSHING VALVE BELOW GRADE

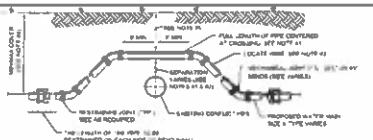
JANUARY 2022 PLATE W-28

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transform engineering

| | | | |
|---|---|---|---|
| DATE | 9/29/2022 | 8:13:48 AM | JEA WATER DETAILS |
| DRAWN | JKW | | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA |
| CHECKED | RTJ | | |
| APPROVED | MHB | | W-9 |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23 FAC.

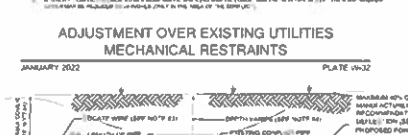


## CASE "A" CROSSING

NOTES

## ADJUSTMENT OVER EXISTING UTILITIES
## MECHANICAL RESTRAINTS

JANUARY 2022 — PLATE W-32



## CASE "B" CROSSING

NOTES

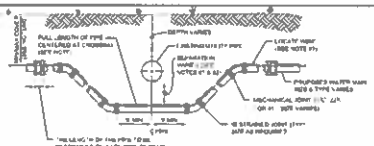
MAXIMUM ALLOWABLE DEFLECTION FOR PIPE JOINT CONSTRUCTION

| PVC PIPE | | | |
|---|---|---|---|
| PIPE SIZE (in.) | L1 MAX. LENGTH (ft.) | L2 MAXIMUM ARC LENGTH (ft.) | MAXIMUM ANGLE OF CURVE BETWEEN JOINTS (degrees) |
| 4 | 20 | 1 | 286.5° |
| 6 | 20 | 1.5 | 286.5° |
| 8 | 20 | 2.0 | 286.5° |
| 10 | 20 | 2.5 | 286.5° |
| 12 | 20 | 3.0 | 286.5° |
| 14 | 20 | 3.5 | 286.5° |
| 16 | 20 | 4.0 | 286.5° |
| 18 | 20 | 4.5 | 286.5° |
| 20 | 20 | 5.0 | 286.5° |
| 24 | 20 | 6.0 | 286.5° |

| DUCTILE IRON PIPE (mechanical joint) | | | |
|---|---|---|---|
| PIPE SIZE (in.) | L1 MAX. LENGTH (ft.) | L2 MAXIMUM ARC LENGTH (ft.) | MAXIMUM ANGLE OF CURVE BETWEEN JOINTS (degrees) |
| 4 | 18 | 1 | 318.3° |
| 6 | 18 | 1.5 | 318.3° |
| 8 - 12 | 18 | 2.0 | 318.3° |
| 14 - 16 | 18 | 2.5 | 318.3° |
| 18 - 20 | 18 | 3.0 | 318.3° |
| 24 - 30 | 18 | 4.0 | 318.3° |
| 36 | 18 | 5.0 | 318.3° |
| 42 - 48 | 18 | 6.0 | 318.3° |

## ADJUSTMENT UNDER EXISTING UTILITIES
## PIPE JOINT DEFLECTION

JANUARY 2022 — PLATE W-40

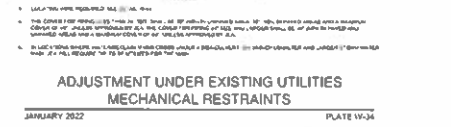


## CASE "B" CROSSING

NOTES

## ADJUSTMENT UNDER EXISTING UTILITIES
## MECHANICAL RESTRAINTS

JANUARY 2022 — PLATE W-34



## CASE "A" CROSSING

NOTES

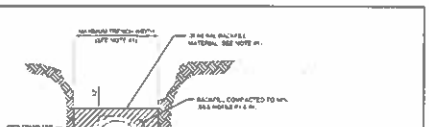
MAXIMUM ALLOWABLE DEFLECTION FOR PIPE JOINT CONSTRUCTION

| PVC PIPE | | | |
|---|---|---|---|
| PIPE SIZE (in.) | L1 MAX. LENGTH (ft.) | L2 MAXIMUM ARC LENGTH (ft.) | MAXIMUM ANGLE OF CURVE BETWEEN JOINTS (degrees) |
| 4 | 20 | 1 | 286.5° |
| 6 | 20 | 1.5 | 286.5° |
| 8 | 20 | 2.0 | 286.5° |
| 10 | 20 | 2.5 | 286.5° |
| 12 | 20 | 3.0 | 286.5° |
| 14 - 16 | 20 | 3.5 | 286.5° |
| 18 | 20 | 4.0 | 286.5° |
| 20 | 20 | 4.5 | 286.5° |
| 24 | 20 | 5.0 | 286.5° |
| 30 - 48 | 20 | 6.0 | 286.5° |

| DUCTILE IRON PIPE (mechanical joint) | | | |
|---|---|---|---|
| PIPE SIZE (in.) | L1 MAX. LENGTH (ft.) | L2 MAXIMUM ARC LENGTH (ft.) | MAXIMUM ANGLE OF CURVE BETWEEN JOINTS (degrees) |
| 4 | 18 | 1 | 318.3° |
| 6 | 18 | 1.5 | 318.3° |
| 8 | 18 | 2.0 | 318.3° |
| 10 | 18 | 2.5 | 318.3° |
| 12 | 18 | 3.0 | 318.3° |
| 14 - 16 | 18 | 3.5 | 318.3° |
| 18 - 20 | 18 | 4.0 | 318.3° |
| 24 - 30 | 18 | 5.0 | 318.3° |
| 36 | 18 | 6.0 | 318.3° |
| 42 - 48 | 18 | 7.0 | 318.3° |

## ADJUSTMENT OVER EXISTING UTILITIES
## PIPE JOINT DEFLECTION

JANUARY 2022 — PLATE W-41

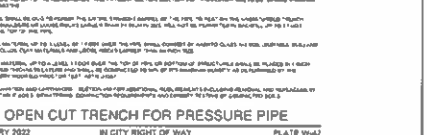


## TYPICAL TRENCH

NOTES

## OPEN CUT TRENCH FOR PRESSURE PIPE

JANUARY 2022 — IN CITY RIGHT OF WAY — PLATE W-42



NOTES

## WATER VALVE INSTALLATION DETAIL

JANUARY 2022 — PLATE W-18

| REVISIONS | | | |
|---|---|---|---|
| REV. | DATE | BY | DESCRIPTION |

gai consultants
transforming ideas into reality
2704 A LASER COURT E BLVD
JACKSONVILLE, FL 32246
(904) 363-1010

| | |
|---|---|
| DATE | AS SHOWN |
| DATE | 01/31/2022 |
| DESIGN | JKM |
| DRAWN | RTJ |
| CHECKED | MHB |

PROJECT No. 0101144

01514448.01

JEA WATER DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
W-10

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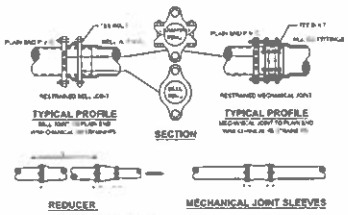
## PVC PIPE RESTRAINT JOINT SCHEDULE

JANUARY 2022 PLATE W-31A

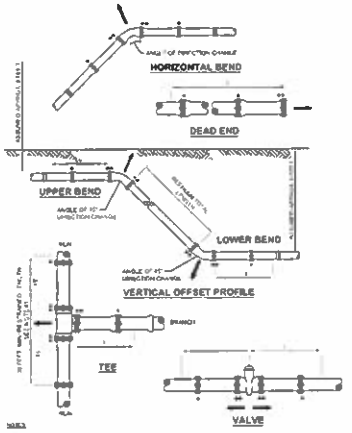
## DUCTILE IRON PIPE RESTRAINT JOINT SCHEDULE

JANUARY 2022 PLATE W-31B




## MECHANICAL RESTRAINT DETAILS - I

JANUARY 2022 PLATE W-31C




## MECHANICAL RESTRAINT DETAILS - II

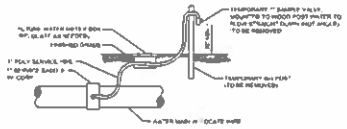
JANUARY 2022 PLATE W-31D

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants

| | | |
|---|---|---|
| SCALE | AS SHOWN | JEA WATER DETAILS |
| DATE | 9/29/2023 | |
| DRAWN | DMB | ORANGE PICKER RD. REALIGNMENT JACKSONVILLE, FLORIDA |
| CHECKED | RTJ | |
| APPROVED | MHB | W-11 |

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

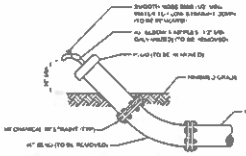


TEMPORARY SAMPLE TAP UTILIZING A NEW 1" WATER SERVICE

NOTES:

TEMPORARY SAMPLE TAP ALTERNATIVE METHOD A

JANUARY 2022 PLATE W-24

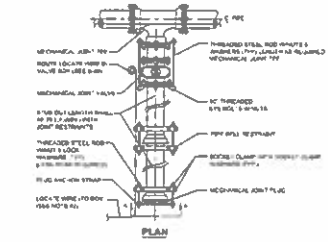


TEMPORARY SAMPLE TAP UTILIZING PLUG AT FLUSHING LOCATION

NOTES:

TEMPORARY SAMPLE TAP ALTERNATIVE METHOD B

JANUARY 2022 PLATE W-24A



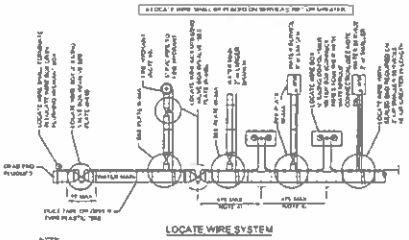
PLAN

SECTION "A-A"

NOTES:

PLUGGED DEAD END USING MECHANICAL RESTRAINTS

JANUARY 2022 PLATE W-37

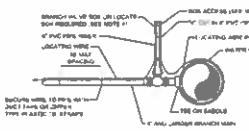


LOCATE WIRE SYSTEM

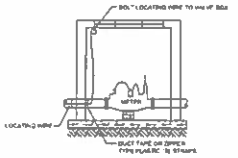
NOTES:

LOCATE WIRE CONSTRUCTION FOR WATER MAINS

JANUARY 2022 PLATE W-44



BRANCH FORCE MAIN

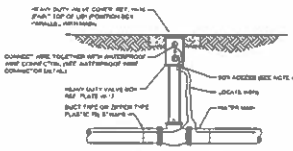


CONNECTION AT LARGE METER BOX

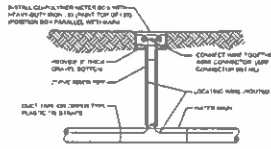
NOTES:

LOCATE WIRE FOR BRANCH MAIN

JANUARY 2022 PLATE W-44A



LOCATE WIRE BOX UTILIZING VALVE BOX



LOCATE WIRE BOX UTILIZING METER BOX

LOCATE WIRE BOX

JANUARY 2022 PLATE W-44B

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

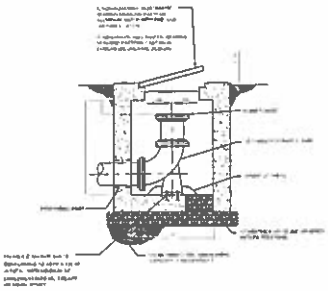
gai consultants
1200 Gateway Centre Blvd
Suite 200
Jacksonville, FL 32218
(904) 363-1110

| | | | |
|---|---|---|---|
| TITLE | AS SHOWN | PROJECT NO. | 0131448.01 |
| DATE | 9/29/2022 | | |
| DRAWN | JKG | | |
| CHECKED | RTJ | | |
| APPROVED | WHB | | |

JEA WATER DETAILS

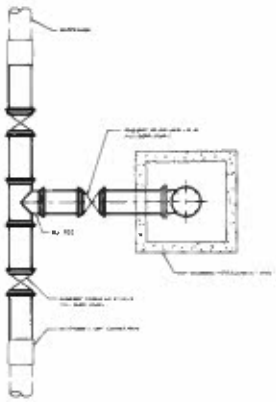
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-12



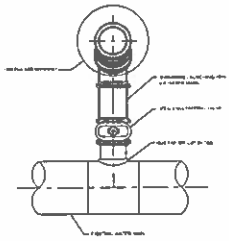
SWABBING PORT AND CLEAN OUT VAULT DETAIL - SECTION

JANUARY 2022 PLATE W-45



SWABBING LAUNCHING STATION DETAIL FOR NEW WATER MAIN UP TO 24"

JANUARY 2022 PLATE W-45B

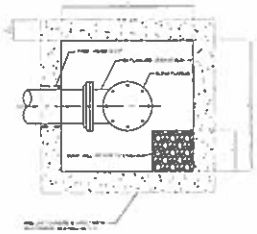


NOTES:

1. FOR HOT TAP CONNECTIONS ON EXISTING WATER MAINS 16" DIAMETER AND GREATER [illegible] SHALL BE ONE NOMINAL SIZE LESS THAN EXISTING WATER MAIN

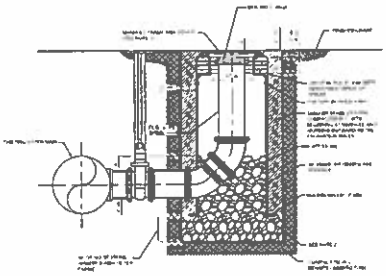
SWABBING PIG LAUNCHING STATION DETAIL FOR WATER MAINS UP TO 24" - PLAN

JANUARY 2022 PLATE W-45C



SWABBING PORT AND CLEAN OUT VAULT DETAIL - - PLAN

JANUARY 2022 PLATE W-45A



NOTES:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

RETROFIT SWABBING LAUNCHING STATION DETAIL FOR WATER MAINS UP TO 24" - SECTION

JANUARY 2022 PLATE W-45D

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transform engineering results.
[illegible] BLVD
SUITE 200
JACKSONVILLE, FL 32216
(904) 363-2130

| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/29/2022 |
| DRAWN | JKW |
| CHECKED | RTS |
| APPROVED | MHB |

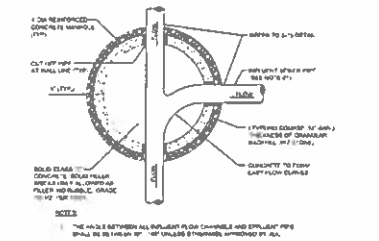
PROJECT NO. 0151448.01

JEA WATER DETAILS

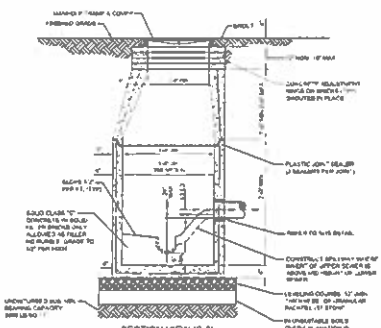
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-13

THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE [illegible] AND SEALED UNDER RULE 61G15-23.004 F.A.C.



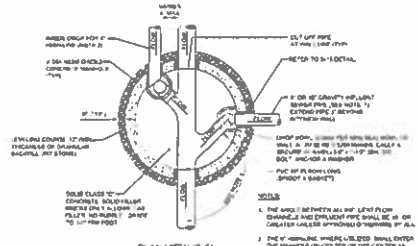
PLAN VIEW (S-3)



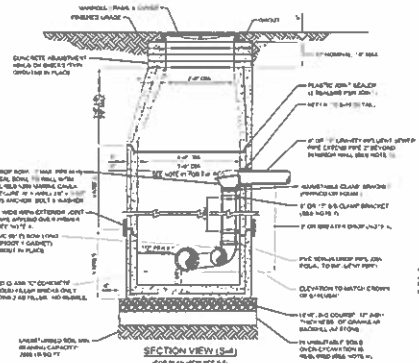
SECTION VIEW (S-2)

SANITARY SEWER TYPE "A" MANHOLE
8"-21" SEWERS

JANUARY 2022 PLATES S-2, S-3



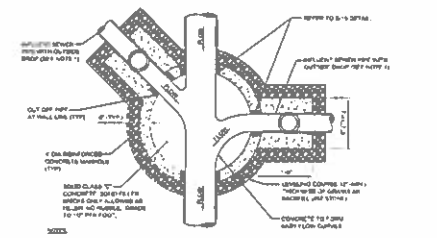
PLAN VIEW (S-5)



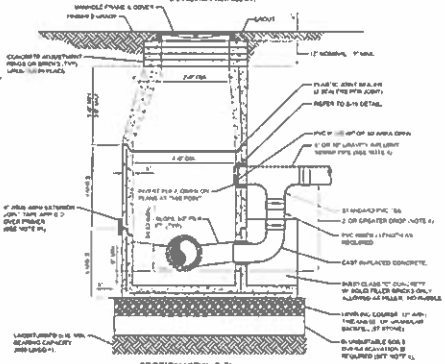
SECTION VIEW (S-4)

SANITARY SEWER TYPE "B" MANHOLE
8"-10" SEWERS

JANUARY 2022 PLATES S-4, S-5



PLAN VIEW (S-8)



SECTION VIEW (S-7)

SANITARY SEWER TYPE "D" MANHOLE
12"-21" SEWERS

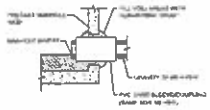
JANUARY 2022 PLATES S-7, S-8

| REVISIONS | | | |
|---|---|---|---|
| REV | DATE | BY | DESCRIPTION |
| | | | |

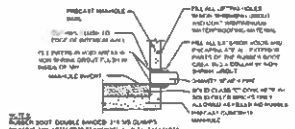
gai consultants
transforming ideas into reality.
[illegible]
[illegible]
[illegible]

| | | | |
|---|---|---|---|
| SCALE | AS SHOWN | | JEA SEWER DETAILS |
| DATE | 9/29/2022 | [illegible] | |
| DRAWN | JKM | | ORANGE PICKER RD. REALIGNMENT |
| CHECKED | RTJ | | JACKSONVILLE, FLORIDA |
| APPROVED | MHB | | W-14 |

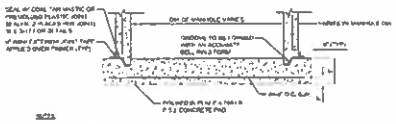
THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE ENTITLED "W-14.DWG" AND SEALED UNDER NUMBER 47576 ON 09/29/22



PVC SAND SLEEVE



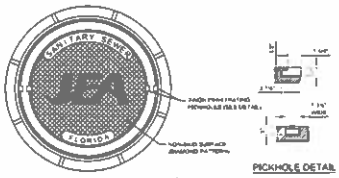
RUBBER BOOT



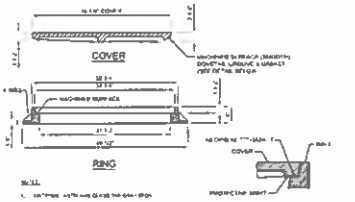
MANHOLE BOTTOM

## MANHOLE PIPE CONNECTION DETAIL

JANUARY 2022 PLATE S-15




PICKHOLE DETAIL



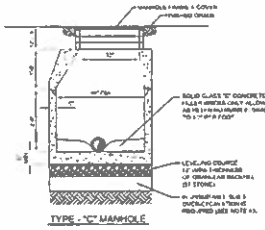
COVER

RING

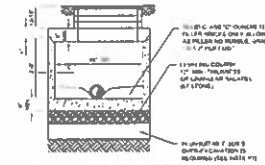
GROOVE & GASKET DETAIL

## SANITARY SEWER MANHOLE FRAME AND COVER

JANUARY 2022 PLATE S-1



TYPE - "C" MANHOLE

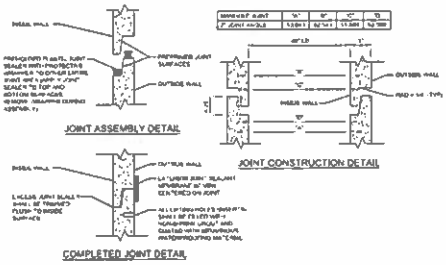


TYPE - "C" MANHOLE WITH FLAT TOP

SECTION VIEWS

## SANITARY SEWER TYPE "C" MANHOLE 8"-21" SEWERS

JANUARY 2022 PLATE S-6



JOINT ASSEMBLY DETAIL

JOINT CONSTRUCTION DETAIL

COMPLETED JOINT DETAIL

## PRECAST SEWER MANHOLE JOINT DETAIL

JANUARY 2022 PLATE S-17

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants
CONSULTING ENGINEERS
1255 BLANDING BLVD
SUITE 204
JACKSONVILLE, FL 32258
PHONE 904 221-1190

| | |
|---|---|
| DESIGN | AS SHOWN |
| DATE | 9/29/2022 |
| DRAWN | JKM |
| CHECKED | RFJ |
| APPROVED | MHB |

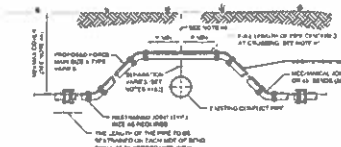
R131448.41

JEA SEWER DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-15

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

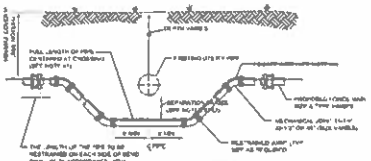


CASE "A" CROSSING

NOTES

ADJUSTMENT OVER EXISTING UTILITIES
MECHANICAL RESTRAINTS

JANUARY 2022 PLATE S-18

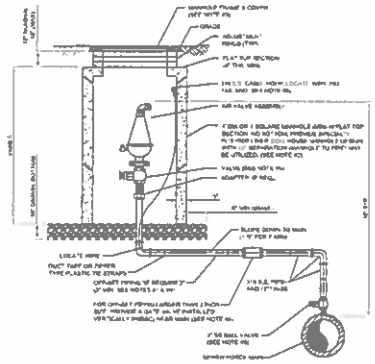


CASE "B" CROSSING

NOTES

ADJUSTMENT UNDER EXISTING UTILITIES
MECHANICAL RESTRAINTS

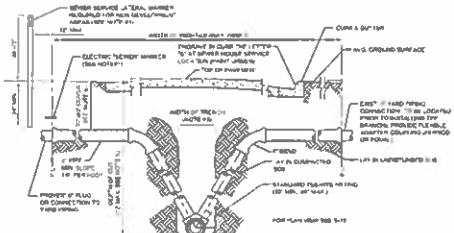
JANUARY 2022 PLATE S-19



NOTES

AIR VALVE ASSEMBLY INSIDE MANHOLE

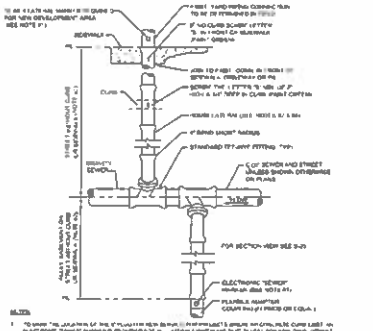
JANUARY 2022 PLATE S-20



NOTES

HOUSE LATERAL - SECTION VIEW

JANUARY 2022 PLATE S-20



NOTES

HOUSE LATERAL - PLAN VIEW

JANUARY 2022 PLATE S-19

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |

gai consultants
TRANSFORMING IDEAS INTO REALITY
32579 SOLIER STREET, SUITE 200
JACKSONVILLE, FL 32216
(904) 363-1100

| | |
|---|---|
| DATE | 9/29/2022 |
| DRAWN | JSM |
| DESIGNED | RTJ |
| APPROVED | MHB |

IEA SEWER DETAILS

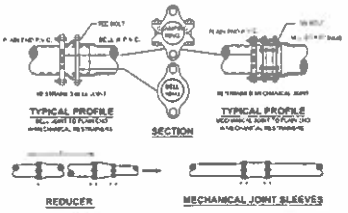
ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO. W-16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G17-23.004 F.A.C.

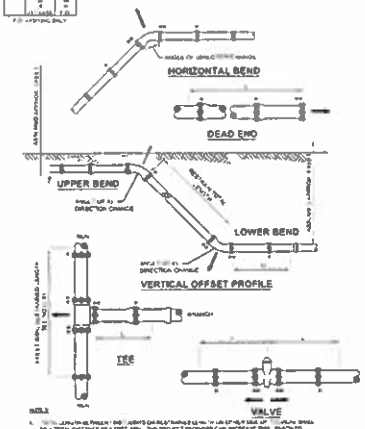
## PVC PIPE RESTRAINT JOINT SCHEDULE

JANUARY 2022 PLATE S-38A




## MECHANICAL RESTRAINT DETAILS - I

JANUARY 2022 PLATE S-38C




## MECHANICAL RESTRAINT DETAILS - II

JANUARY 2022 PLATE S-38D

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transforming ideas into reality
10748 JULIA GRAVES BLVD
SUITE 204
JACKSONVILLE, FL 32258
(904) 363-1240

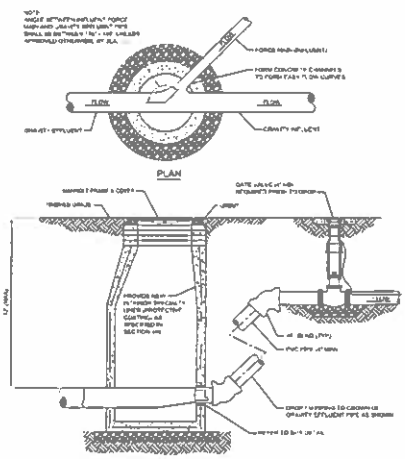
| | |
|---|---|
| SCALE | AS SHOWN |
| DATE | 9/26/2022 |
| DRAWN | RKW |
| CHECKED | RTJ |
| APPROVED | MJB |

JEA SEWER DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

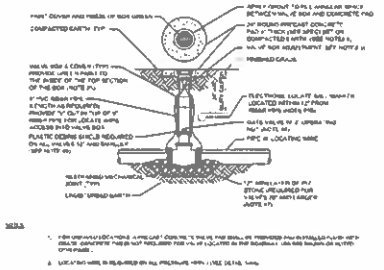
W-17

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




## LOCATE WIRE CONSTRUCTION FOR FORCE MAINS

JANUARY 2022 PLATE S-49

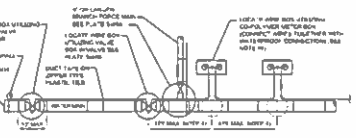


## SEWER VALVE DETAIL

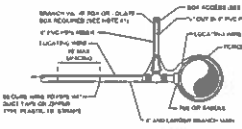
JANUARY 2022 PLATE S-30

## PLUGGED DEAD END USING MECHANICAL RESTRAINTS

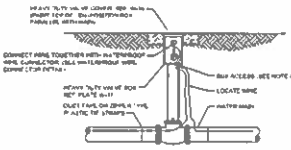
JANUARY 2022 PLATE S-44



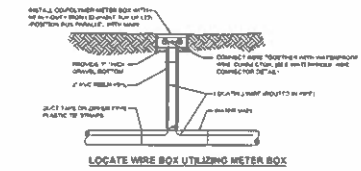
## LOCATE WIRE SYSTEM



## BRANCH FORCE MAIN



## LOCATE WIRE BOX UTILIZING VALVE BOX



## LOCATE WIRE BOX UTILIZING METER BOX

## LOCATE WIRE FOR BRANCH MAIN

JANUARY 2022 PLATE S-49A

## LOCATE WIRE BOX

JANUARY 2022 PLATE S-49B

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |

gai consultants
transforming ideas into reality
32575 BASELINE CENTER BLVD
SUITE 202
INCKSONVILLE, FL 32216
PHONE 863 1130

| | |
|---|---|
| DATE | AS SHOWN |
| DATE | 9/29/2022 |
| DRAWN | JSW |
| CHECKED | RTJ |
| APPROVED | MHB |

PROJECT NO. / PHASE NO.
B132448.02

SEA SEWER DETAILS

ORANGE PICKER RD. REALIGNMENT
JACKSONVILLE, FLORIDA

SHEET NO.
W-18

J:\ Projects\B132448.02 Orange Picker Road realign BLAD\dwgs\C\Sewer Det

SUBJECT: **RFQ FOR DESIGN-BUILD SVCS FOR HORIZONTAL/CIVIL ENGINEERING PROJECTS**

BID # **CDB-0006-16** OPEN DATE: **10/21/2015**

## COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: **CONSTRUCTION – DESIGN/BUILD**

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **QUALIFICATIONS BASED**

NUMBER OF BIDS INVITED: : NUMBER RECEIVED: : OTHER: :

**SUMMARY OF BIDS AND RECOMMENDED ACTIONS:**

The Department of Public Works has completed negotiations with J.B. Coxwell Contracting, Inc., for Orange Picker Road Realignment and Parking Lot project in accordance with subject bid.

Recommend approval of award to J. B. Coxwell Contracting, Inc., in the guaranteed maximum price not-to-exceed $428,276.58. The scope of award is to provide 100% design and permitting for Orange Picker Road Realignment and Parking Lot. This incorporates the attached scope and fee summary, Exhibit "AAA-1", which includes a contingency of $10,000.00 and with a completion date from the issuance of Notice to Proceed of 240 days for design and permitting and an additional 240 days for construction for a total of 480 days. Total annual expenditure amount is currently at $33,000,000.00 and the total amount spent to date is $23,240,862.39.

Funding for this award is to be executed by Amendment 51A for contract #6533-54 and encumbered by account: 007031.565050.1.32111.381910

Attachments: Recommendation Memo, Exhibit "AAA-1", Previous Awards

BUYER Nekole Hulitt
NEKOLE HULITT

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Robin G. Smith, P.E., Chief, Engineering and Construction Management Division**

---

**(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)**
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 5/27/2021

OTHER

---

ACTION OF AWARDING AUTHORITY DATE 6/1/21

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

SUBJECT: RFQ- FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

BID # CDB-0006-16 OPEN DATE: 10/21/2015

## COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

**SUMMARY OF BIDS AND RECOMMENDED ACTIONS:**
The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on January 28, 2016, 02/04/16 J.B. Coxwell Contracting, Inc., was awarded as highest ranking firm with funding not-to-exceed $6,000,000.00 annually for a period of service for five (5) years.

Recommend approval of award to include the rate sheets as part of Exhibit A, as they were omitted from original award. No additional changes needed.

To be executed by formal contract through Office of General Counsel

Attachments: Recommendation Memo, Previous Award(s)

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY FEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Thomas N. Fallin, P.E., Chief, Engineering & Construction Management Division

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 6-16-16

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 6/16/16

APPROVED ✓ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION

Sam E. Mousa
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of
Executive Order No. 2015-05

SUBJECT: RFQ- FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

BID # CDB-0006-16

OPEN DATE: 10/21/2015

## COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

**SUMMARY OF BIDS AND RECOMMENDED ACTIONS:**

The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on January 28, 2016. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order).

2) Archer-Western – 118.25
3) Callaway Contracting, Inc. - 100
1) J.B. Coxwell Contracting, Inc. - 121.5

Recommend approval of award to J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and ranking above. Period of Service will be five (5) years from effective date of contract with funding not-to-exceed $6,000,000.00 annually. To be executed by formal contract through Office of General Counsel

Attachments: Recommendation Memo, Scoring Matrix, Previous Award

BUYER _____
MARILYN LAIDLER

RESPECTFULLY SUBMITTED _____
GREGORY REASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Thomas N. Fallin, P.E., Acting Chief-Engineering & Construction Management Division

---

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING DATE 2/4/16

OTHER _____

---

ACTION OF AWARDING AUTHORITY DATE 2/04/16

APPROVED ✓ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

Sam E. Mouch
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of
Executive Order No. 2015-05

SUBJECT: RFQ- FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

BID # CDB-0006-16

OPEN DATE: 10/21/2015

## COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

**SUMMARY OF BIDS AND RECOMMENDED ACTIONS:**
The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Based upon the proposal evaluation, the average scores and rankings are as follows (Listed in alphabetical order):

2) Archer-Western Contractors, LLC. – 91
1) J.B. Coxwell Contracting- 92
3) Callaway Contracting- 74

Pursuant to Section 2.6 – Award of Contract of the RFP, recommend approval to conduct formal interviews with each of the three-top ranked Firms.

Attachments: Recommendation Memo, Scoring Matrix, Bid Tabulation, Section 2.6, JSEB Letter

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: William J. Joyce, P.E., Chief-Engineering & Construction Management

**(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)**
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 12-30-15

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 1/01/16

APPROVED ✓ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05