4

SUBJECT: RFQ- FOR DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL (HORIZONTAL) DESIGN BUILD PROJECTS

BID #: CDB-0132-21 **OPEN DATE: 2021 AUG 04**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION- DESIGN/BUILD

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 **NUMBER RECEIVED: 4** **OTHER: 0**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval to amend the award with J.B. Coxwell Contracting, Inc. (contract number 71754-22), to incorporate the attached Scope and Fee Summary, Exhibit R-1, known as Amendment 16A, to establish MOT, erosion control, site prep, demolition and post design services, while finalizing the 100% construction GMP for the Independent Drive Realignment project in the amount $331,892.24, which includes $38,583.15 in contingency, allowing for the completion of the work within 21 days from the notice to proceed.

FUNDING SOURCE: 32111.153101.565051.010395.00000000.00000.0000000 - To be executed by formal contract amendment through the Office of General Counsel and encumbered by purchase order.

ATTACHMENTS: Recommendation Memo, Exhibit R-1, Previous Award(s)

ANALYST: _____
JACLYN STAMOS

RESPECTFULLY SUBMITTED: _____
DUSTIN FREEMAN, CHIEF
PROCUREMENT DIVISION

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

---

(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.

May 30, 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- 0132-21 –Design Build Services Horizontal/Civil (Horizontal) Design-Build Projects
Contract 71754-22 Independent Drive Realignment AMENDMENT 16A

Based on the Design Criteria Package (DCP) developed by City Engineers, the Department of Public Works, in accordance with Design/Build CDB-0132-21, Contract No. 71754-22, has completed negotiations with J. B. Coxwell Contracting, Inc., to establish MOT, erosion control, site prep, demolition and post design services, while finalizing the 100% construction GMP for the Independent Drive Realignment project. Negotiations have resulted in the attached Scope and Fee, Exhibit R-1 for a lump sum amount of $331,892.24, which includes bonds and $38,583.15 in contingency, allowing for the completion of the work within 21 days from the notice to proceed. J. B. Coxwell Contracting is committed to meeting the 20% JSEB participation goals established for this contract.

Accordingly, this is to recommend that Contract No. 71754-22, executed May 23, 2022, for CDB-0132-21 between the City and J. B. Coxwell Contracting, Inc. for Design-Build Services- Horizontal/Civil (Horizontal) Design-Build Projects, be amended to incorporate the attached Scope and Fee Summary, Exhibit R-1 for Independent Drive Realignment in the amount of $331,892.24, known as Amendment 16A.

Funding for this project should be encumbered as follows:

ACCOUNTS:	TOTAL
32111.153101.565051.010395.00.00.00	
010395	
PWCP Public Works Capital Proj-Other Trans Svcs	
565051	
1	
32111-384020	$331,892.24

RGS/lw

Attachment: Exhibit R-1

cc: Lori West, Engineering and Construction Management
Jonathan Page, P.E., Engineering and Construction Management

EXHIBIT R-1

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

May 26, 2023

Jonathan P. Page, 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 Independent Drive Realignment – Early Works
Design-Build Construction Delivery for City of Jacksonville
City Contract No. 71754-22

Dear Mr. Page:

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 Construction & Engineering services for the above referenced project. The general scope of this early works phase involves establishing the Maintenance of Traffic, Erosion Control, Site preparation, Demolition and Post Design Services. This proposal is based on the current plans by GAI Consultants, Inc. (GAI) that are not ten-set approved at this time.

The intent of this early works proposal is to provide services to the City of Jacksonville by commencing the project while finalizing the 100% construction Guaranteed Maximum Price (GMP) within twenty-one calendar days (21) of this proposal. This proposal is the next phase based on the original DCP.

The proposed lump sum amount for this project is $331,892.24, which includes a 15% project contingency. The project contingency is for the Design-Builder's benefit and does not cover changed field conditions, unknown field conditions or added scope of work. JBCCI will obtain a City of Jacksonville (COJ) right of way permit for this work as required. Additional fees may be required for the Design-Builder due to changed field conditions, unknown field conditions, or added scope of work. The work related to this early works package will be completed within sixty calendar days (60) from notice-to-proceed with the understanding that COJ anticipates a start date of June 5, 2023.

This lump sum amount is inclusive of only those services noted on the attached proposal(s) and which are anticipated at this time. No services or work other than those noted in the proposals are included. Additionally, any unknown condition(s) which may surface during design or any other increase in scope of services may result in a request for additional services. However, no work will proceed without first obtaining prior approval from COJ for additional services. This proposal is valid for sixty (60) days unless otherwise agreed upon.

Post design services are limited to the scope outlined in GAI's letter. This proposal assumes that the current Maintenance of Traffic plan will be approved to close the entire project worksite, utilizing the detour in the attached plans, to construct the project in one continuous phase.

JBCCI is very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please don't hesitate to contact us. We are also available to review and discuss this proposal with you and/or others at your convenience.

Regards,
J.B. Coxwell Contracting, Inc.

Josh Sowards

Josh Sowards

JBCCI FEE SUMMARY

Date: 5/26/2023

Project: Independent Drive Realignment - Early Works Package
Design-Build Construction Delivery for City of Jacksonville

City Contract No. : 71754-22

Item	Quantity	U/M	Unit Price	Amount
Independent Drive Realignment				
General Conditions	1.00	LS	$ 80,150.73	$ 80,150.73
Surveying	1.00	LS	$ 10,044.04	$ 10,044.04
Establish Erosion Control	1.00	LS	$ 12,277.43	$ 12,277.43
Establish MOT	1.00	LS	$ 34,204.81	$ 34,204.81
CMT Testing Allowance	1.00	LS	$ 2,500.00	$ 2,500.00
Post Design Services	1.00	LS	$ 38,647.44	$ 38,647.44
Site Prep / Demolition	1.00	LS	$ 79,396.54	$ 79,396.54
Subtotal				**$ 257,220.99**
Contingency	15%			$ 38,583.15
Bond				$ 5,916.08
JBCCI Markup	10.0%			$ 30,172.02
Independent Drive Realignment				**$ 331,892.24**

EXHIBIT R-1

gai consultants
transforming ideas into reality

May 26, 2023

Josh Sowards
J. B. Coxwell Contracting, Inc.
6741 Lloyd Road
Jacksonville, FL 32254

Subject: Independent Drive Realignment Post Design Services Scope and Fee Proposal

Dear Mr. Sowards,

GAI Consultants, Inc. (GAI) respectfully submits the following Scope of Services and Fee Proposal for post design services for the subject contract.

Please find attached Exhibit A showing the man hour distributions.

Post Design Services:

- Attendance of pre-construction and progress meetings
- Shop drawing review of drainage structures, lighting, handrail, pavers, etc. as required
- Coordination of signalization and interconnect work with the contractor and City
- Facilitation of phased construction approach (early works package followed by final construction package)
- Construction observation field visits
- Miscellaneous coordination with the contractor
- Plan revisions as required
- Final walk-through field review
- Project Close Out and Certifications
- As-Built plans review

Exclusions:

- No daily on-site construction engineering inspection services are included in this fee.

We look forward to assisting J.B. Coxwell Contracting Inc. during the successful construction of this project. Let us know if you have any questions.

Sincerely,

Matthew Bolyard, PE
Project Manager

Exhibit A - Page 1 of 1
CONTRACT FEE SUMMARY FOR
Independent Dr Post Design Services

PART I - GENERAL	
1. Project - D/B Construction Delivery for COJ Independent Dr. Post Design Fee	**2. Project Number** CDB-0132-21
3. Name of Consultant GAI Consultants, Inc.	**4. Date of Proposal** 5/26/2023

PART II - LABOR RELATED COSTS

5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 111.33	4	$ 445.32	
Project Manager (Responsible Prof.)	$ 105.88	12	$ 1,270.56	
Senior Project Engineer	$ 78.98	24	$ 1,895.52	
Project Engineer	$ 63.07	40	$ 2,522.80	
Engineer Intern	$ 37.70	64	$ 2,412.80	
Senior Designer	$ 46.78	28	$ 1,309.84	
Designer/Sr. CADD Technician	$ 35.84	36	$ 1,290.24	
CADD Technician	$ 29.37	48	$ 1,409.76	
Clerical	$ 26.93	0	$ 0.00	
Survey Manager (PSM)	$ 69.29	0	$ 0.00	
Three Man Survey Crew	$ 100.21	0	$ 0.00	
			TOTAL DIRECT LABOR	**$ 12,556.84**
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 177.99%				$ 22,349.92
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 34,906.76**
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 3,490.68
			SUB-TOTAL SALARY RELATED COSTS	**$ 38,397.44**

PART III - OTHER COSTS

9. MISCELLANEOUS DIRECT COSTS (Lump Sum) Misc. Direct Expenses (Lump Sum)	$ 250.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	**$ 250.00**
10. SUBCONTRACTS (Lump Sum)	$ -
SUB-CONTRACT SUB-TOTAL	**$ -**

PART IV - SUMMARY

TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	**$ 38,647.44**

EXHIBIT R-1

CITY OF JACKSONVILLE, FLORIDA
PUBLIC WORKS DEPARTMENT

DESIGN CRITERIA PACKAGE

ISSUED TO:

J. B. COXWELL CONTRACTING, INC.

FOR

INDEPENDENT DRIVE REALIGNMENT

RELEASE DATE: October 17, 2022

PREPARED FOR:

PUBLIC WORKS DEPARTMENT
ENGINEERING & CONSTRUCTION MANAGEMENT DIVISION

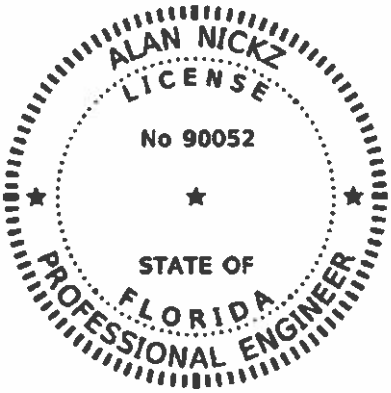
PREPARED BY:

POND & COMPANY CORPORATION
1200 RIVERPLACE BOULEVARD, SUITE 600
JACKSONVILLE, FL 32207

October 2022

Alan Nickz, Professional Engineer,
License No. 90052

This item has been digitally signed and sealed by Alan Nickz, P.E. 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.

INDEPENDENT DRIVE REALIGNMENT

DESIGN CRITERIA PACKAGE

October 17, 2022

Prepared For:
City of Jacksonville, FL
Public Works Department
Engineering & Construction Management Division

Prepared By:
Pond & Company Corporation
1200 Riverplace Boulevard,
Suite 600
Jacksonville, FL 32207

EXHIBIT R-1

INDEPENDENT DRIVE REALIGNMENT

DESIGN CRITERIA PACKAGE

TABLE OF CONTENTS

Description	Page
Table of Contents	3
Introduction	4
Section 1 – Definitions and Terms	5
Section 2 – Project Conditions	10
Section 3 – Scope of Work	12
Section 4 – Submittal of TP, GMP, and GCD	14

CITY OF JACKSONVILLE, FLORIDA

INDEPENDENT DRIVE REALIGNMENT

DESIGN CRITERIA PACKAGE

RELEASE DATE October 17, 2022

INTRODUCTION

A **"Design Criteria Package"** provides concise, performance-oriented drawings and/or specifications for a public construction project. The purpose of this design criteria package is to furnish sufficient information to allow a Design Firm to prepare a proposal consisting of the Technical Proposal and the Guaranteed Maximum Price and to permit the City to conduct legitimate, arms-length discussions and conferences to reach an agreement with the Design Firm on terms of the Guaranteed Maximum Price.

The following Design Criteria Package specifies performance-based criteria for the design of the Independent Drive Realignment.

The following are legal authorities governing this solicitation:

1. Section 287.055, Florida Statutes – Consultants' Competitive Negotiation Act
2. Chapters 471 and 489, Florida Statutes.

When awarded the Project, the Design Firm shall be responsible for the design of the Project in compliance with the provisions of this Design Criteria Package and the City Contract #71754-22.

The Design Criteria Package shall become an integral part of a Purchase Order issued as provided in the City Contract #71754-22 with J.B. Coxwell Contracting, Inc. for Design Build Services for Horizontal Engineering Projects.

SECTION 1

DEFINITIONS AND TERMS

1-1 GENERAL.

The City of Jacksonville ("The City"), Public Works Department put together and approved the following Plans and Specifications called "The Design Criteria Package (DCP)" for the purpose of allowing the selected Design Build Firm to prepare the Technical Proposal (TP) to prepare the 60% design and proposed Guaranteed Maximum Price (GMP) within **14 calendar days from the release date of the DCP.**

The Design Build Firm shall submit its proposal to realign Independent Drive. Submit the proposal, consisting of the Technical Proposal for 60% design and the Guaranteed Maximum Price to the City Project Manager, Jonathan P. Page, P.E., Engineering and Construction Management Division, 10th floor at 214 N Hogan Street, Jacksonville, FL 32202 no later than 3:00 P.M. on October 31, 2022.

The City intends to commence project negotiations within 1 week after the proposal is received.

The provisions of this DCP represent the technical, material, and quality requirements for the foregoing project. The Design Build Firm is bound by these requirements during design of the Independent Drive Realignment project.

The Design Criteria Professional may amend the provisions of the DCP after it has been released to the Design Build Firm but prior to the expiration of the 14-day period designated for submitting the TP and GMP to the City.

A DCP amendment may be issued at the City's initiative or at the request of the Design Build Firm, if the amendment is in the best interest of the City.

Sentences that direct the Design Build Firm to perform work are written in the active voice-imperative mode in the form of commands. The subject of these commands is clearly understood as the "Design Build Firm".

1-2 ABBREVIATIONS.

The following abbreviations, when used in the DCP, represent the full text as shown:

ANSI	American National Standard Institute, Inc.
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWWA	American Water Works Association

CRSI	Concrete Reinforcing Steel Institute
EPA	Environmental Protection Agency of the United States Government
FBC	2007 Florida Building Code System
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
ICC	International Code Council
JEA	JEA aka Jacksonville Electric Authority
MSTCSD	Minimum Specifications for Traffic Control Signals and Devices
MUTCD	Manual on Uniform Traffic Control Devices
NEC	National Electrical Code (NFPA No. 70, 2005 Edition)
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
UL	Underwriters' Laboratories

1-3 APPLICABLE STANDARDS, SPECIFICATIONS, TEST METHODS, AND CODES.

The Design Build Firm shall use standards, specifications, test methods, or other codes as specified in the Standard Specifications for the City of Jacksonville, Public Works Department and FDOT Standard Specifications for Road and Bridge Construction as applicable. Use the most current editions of standards, specifications, test methods, or codes at the time of submitting the bid.

1-4 DEFINITIONS.

The following terms, when used in the DCP, have the meaning as described:

Bidder: For the purpose of this solicitation, the term "Bidder" is deemed to mean a Design Build Firm or Design-Builder submitting a proposal consisting of the TP, the GMP, and the GCD.

Calendar Day: Every day shown on the calendar, ending and beginning at midnight.

City: The City of Jacksonville, Florida, including its Procurement Division, and the Public Works Department.

Change Order: A written order issued by the City and accepted by the Design Build Firm as provided in the City Contract #71754-22.

Consultant: The Professional Engineer or Engineering Firm registered in the State of Florida. The consultant may be the Engineer of Record or may provide services to the Engineer of Record.

Contract Bond: The security furnished by the Design Build Firm for the purpose of the City Contract #71754-22.

Contract Claim (Claim): A written demand submitted to the City (Chief of the Engineering and Construction Management Division or his Designee) by the Design Build Firm seeking additional monetary compensation, time, or other adjustments to the Contract, the City disputes the entitlement or impact of which. Refer to Executive Order NO. 98-01 issued by the Mayor of the City of Jacksonville. Refer to City Contract #71754-22.

Contractor: For the purpose of this solicitation, the term "Contractor" is deemed to mean a Design Build Firm submitting the TP and the GMP.

Design Build Firm or Design-Builder: Design Build Firm means J. B. Coxwell Contracting, Inc. being under a City Contract to perform design build services.

Design Build Contract: Design Build Contract means the City Contract #71754-22.

Engineer: The Chief of the Engineering & Construction Management Division, Public Works Department, City of Jacksonville ("City Engineer"), acting directly or through his duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them. In order to avoid cumbersome and confusing repetition of expressions in this Design Criteria Package, it is provided that whenever anything is, or is to be done, if, as, or, when, or where "acceptable, accepted, approval, approved, authorized, condemned, considered necessary, contemplated, deemed necessary, designated, directed, disapproved, established, given, indicated, insufficient, ordered, permitted, rejected, required, reserved, satisfactory, specified, sufficient, suitable, suspended, unacceptable, or unsatisfactory," it shall be understood as if the expression were followed by the words "by the Engineer", "to the Engineer", or "of the Engineer".

Engineer of Record: The Professional Engineer or Engineering Firm registered in the State of Florida that performs services for the Design Build Firm.

Equipment: The machinery and equipment, together with the necessary supplies for upkeep and maintenance thereof, and all other tools and apparatus necessary for the construction and acceptable completion of the work.

Extra Work: Any work which is required by the Engineer to be performed and which is not otherwise covered or included in the project by the existing Contract Documents, whether it is in the natural of additional work, altered work, deleted work, work due to different site conditions, or otherwise. This term does not include a "delay".

Guaranteed Completion Date (GCD): This means the date by which the Design Build Firm shall receive substantial completion of the realignment of Independent Drive as provided in the Purchase Order issued based on City Contract #71754-22.

Guaranteed Maximum Price (GMP): The total maximum cost to be paid by the City for Design Build Firm's complete performance under the Design Build Contract Documents, including, without limitations, final completion of all work, all services of the Design Build Firm under the Contract, and all fees, compensation, and reimbursements to the Design Build Firm as provided in the City Contract #71754-22.

Holidays: Days designated by the City as holidays, which include, but are not limited to New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and the following Friday, Christmas Eve, and Christmas Day.

Inspector: An authorized representative of the Engineer, assigned to make official inspections of the materials furnished and of the work performed by the Design Build Firm.

Laboratory: The official testing laboratory used by the City.

Materials: Any substances to be incorporated in the work under the Contract.

Plans: The signed, sealed, and dated plans, drawings and specifications prepared by the Engineer of Record and accepted by the Engineer, including reproductions thereof, showing location, character, dimensions, technical requirements, and details of the work to be performed under the Contract. Upon review by the Engineer, the plans will be stamped "Released for Construction", dated, and initialed by the Engineer.

Project: Describes all activities and work necessary for the design of the Independent Drive Realignment together with other work listed in this DCP.

Project Manager: Means a licensed design professional appropriate to the project employed by the City, who serves as the City's representative and who is responsible for the administration of the design build project.

Project Site: Means the specific location of the work to be done under the Contract.

Special Provisions: Specific clauses adopted to the City Contract #71754-22.

Superintendent: The Design Build Firm's authorized representative in responsible charge of the work under the Contract.

Technical Proposal (TP): Describes engineering plans, specifications, and calculations prepared at the 60% Design Development Level by the Design Build Firm who is submitting the Guaranteed Maximum Price and the Guaranteed Completion Date during contract negotiation with the City. The design shall be sufficiently defined by drawings, a narrative, and outline specifications to enable the City to evaluate the level of quantity and quality of the proposed design and construction based on the DCP. The TP will also serve as the comprehensive documentation enabling the City to determine the reasonableness of the GMP and the GCD. The TP shall become an integral part of the Design Build Contract.

Working Day: Any calendar day on which the Design Build Firm works or is expected to work at the construction site in accordance with the approved work progress schedule.

SECTION 2

PROJECT CONDITIONS

2-1 GENERAL

The Design Build Firm shall carefully inspect and examine the project site by such means as it may prefer before submitting its bid. The City will make the project site available to the Design Build Firm for the purpose of conducting any additional site investigation and examination upon request.

2-2 CURRENT CONDITIONS

a. The Project Site and general conditions are shown on the included figures.

b. It is intended that the design shall include all labor, equipment, materials, and services necessary to complete the work. The designers are cautioned to familiarize themselves with existing site conditions and to include all incidental work that might occur. The Contractor and all of his/her Subcontractors shall visit the site and become fully aware of and familiar with all existing conditions relating to this Project. The Design Build Firm shall inform itself concerning the location of existing utilities, pipelines, and structures of every type which may interfere with the work. The Design Build Firm shall prepare the proposal in full understanding of the conditions that may be encountered and the resultant responsibilities in connection therewith. All existing utilities, pipes, wires, and other structures or items which must be preserved in place shall be identified by the Design Build Firm.

CRSI	Concrete Reinforcing Steel Institute
EPA	Environmental Protection Agency of the United States Government
FBC	2007 Florida Building Code System
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
ICC	International Code Council
JEA	JEA aka Jacksonville Electric Authority
MSTCSD	Minimum Specifications for Traffic Control Signals and Devices
MUTCD	Manual on Uniform Traffic Control Devices
NEC	National Electrical Code (NFPA No. 70, 2005 Edition)
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
UL	Underwriters' Laboratories

1-3 APPLICABLE STANDARDS, SPECIFICATIONS, TEST METHODS, AND CODES.

The Design Build Firm shall use standards, specifications, test methods, or other codes as specified in the Standard Specifications for the City of Jacksonville, Public Works Department and FDOT Standard Specifications for Road and Bridge Construction as applicable. Use the most current editions of standards, specifications, test methods, or codes at the time of submitting the bid.

1-4 DEFINITIONS.

The following terms, when used in the DCP, have the meaning as described:

Bidder: For the purpose of this solicitation, the term "Bidder" is deemed to mean a Design Build Firm or Design-Builder submitting a proposal consisting of the TP, the GMP, and the GCD.

Calendar Day: Every day shown on the calendar, ending and beginning at midnight.

City: The City of Jacksonville, Florida, including its Procurement Division, and the Public Works Department.

Change Order: A written order issued by the City and accepted by the Design Build Firm as provided in the City Contract #71754-22.

Consultant: The Professional Engineer or Engineering Firm registered in the State of Florida. The consultant may be the Engineer of Record or may provide services to the Engineer of Record.

Contract Bond: The security furnished by the Design Build Firm for the purpose of the City Contract #71754-22.

Contract Claim (Claim): A written demand submitted to the City (Chief of the Engineering and Construction Management Division or his Designee) by the Design Build Firm seeking additional monetary compensation, time, or other adjustments to the Contract, the City disputes the entitlement or impact of which. Refer to Executive Order NO. 98-01 issued by the Mayor of the City of Jacksonville. Refer to City Contract #71754-22.

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Equipment: The machinery and equipment, together with the necessary supplies for upkeep and maintenance thereof, and all other tools and apparatus necessary for the construction and acceptable completion of the work.

Extra Work: Any work which is required by the Engineer to be performed and which is not otherwise covered or included in the project by the existing Contract Documents, whether it is in the natural of additional work, altered work, deleted work, work due to different site conditions, or otherwise. This term does not include a "delay".

Guaranteed Completion Date (GCD): This means the date by which the Design Build Firm shall receive substantial completion of the realignment of Independent Drive as provided in the Purchase Order issued based on City Contract #71754-22.

Guaranteed Maximum Price (GMP): The total maximum cost to be paid by the City for Design Build Firm's complete performance under the Design Build Contract Documents, including, without limitations, final completion of all work, all services of the Design Build Firm under the Contract, and all fees, compensation, and reimbursements to the Design Build Firm as provided in the City Contract #71754-22.

Holidays: Days designated by the City as holidays, which include, but are not limited to New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and the following Friday, Christmas Eve, and Christmas Day.

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SECTION 2

PROJECT CONDITIONS

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2-2 CURRENT CONDITIONS

a. The Project Site and general conditions are shown on the included figures.

b. It is intended that the design shall include all labor, equipment, materials, and services necessary to complete the work. The designers are cautioned to familiarize themselves with existing site conditions and to include all incidental work that might occur. The Contractor and all of his/her Subcontractors shall visit the site and become fully aware of and familiar with all existing conditions relating to this Project. The Design Build Firm shall inform itself concerning the location of existing utilities, pipelines, and structures of every type which may interfere with the work. The Design Build Firm shall prepare the proposal in full understanding of the conditions that may be encountered and the resultant responsibilities in connection therewith. All existing utilities, pipes, wires, and other structures or items which must be preserved in place shall be identified by the Design Build Firm.

Figure 1

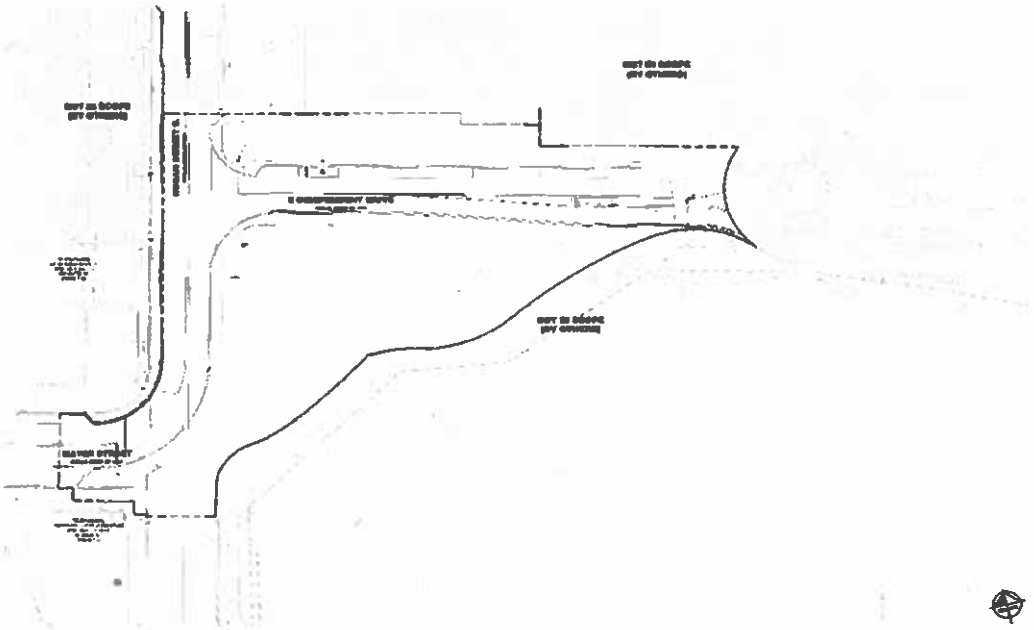
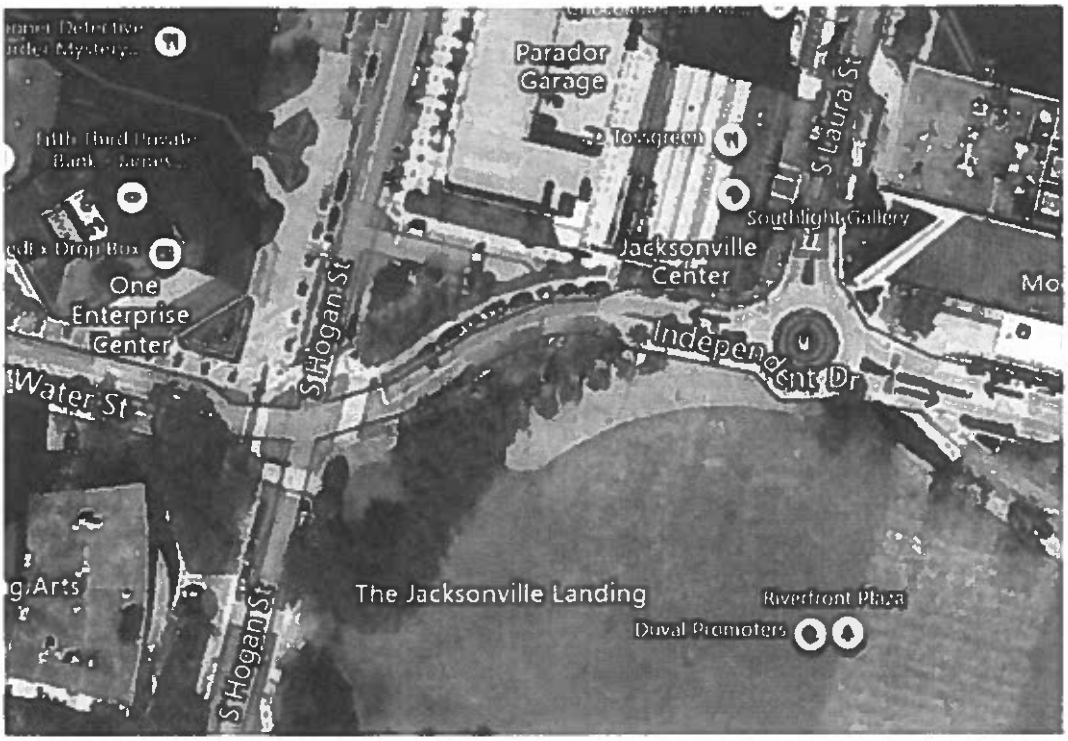


Figure 2



SECTION 3

SCOPE OF WORK

3-1 GENERAL.

The Design Build Firm is required to submit its proposal for the design work necessary to realign Independent Drive. A Project sketch is provided in Figure 1. Insurance, indemnification, and project bonds shall be as provided in the City Contract #71754-22.

3-2 SCOPE OF PERMITTING SERVICES

The Design Build Firm is responsible for preparing a list of all permits necessary to complete the construction phase.

3-3 DESIGN PARAMETERS AND SCOPE OFSERVICES

a. To accommodate the planned Riverfront Park to the east of the Water Street / Hogan Street intersection, the alignment of Independent Drive is expected to be modified to extend due west from the roundabout at Laura Street to intersect with Hogan Street rather than follow its current southwesterly curved alignment (see Figure 1). The design of this modification will include roadway design, traffic analysis, lighting, minor landscape and hardscape, geotechnical, and survey. Pending confirmation, it is anticipated that the intersections of Water St at Hogan St and Independent Drive at Hogan St will be stop controlled; and no signalization design is expected to be required. Geotechnical effort will include three (3) roadway borings at 10 ft depth for establishment of existing pavement condition and development of pavement design for the realigned roadway.

b. Prepare MOT plans that will be implemented during construction. The MOT plans shall be coordinated, reviewed, and approved by the City Traffic Operations Section.

c. The Design Build Firm shall be solely responsible for developing an erosion and sediment control plan in compliance with City, State and Federal requirements. Refer to the NPDES as established under the 40CFR122.2.

d. Determine the traffic control requirements for the roadways after the realignment. Provide designs for traffic control devices, including pavement markings, signage, and guardrails, as required by MUTCD, FDOT, and City standards.

e. The Design Build Firm is responsible for obtaining core borings, soil sampling, surveys, and site investigations necessary to prepare the design. Determine the surveys needed to complete the project.

f. Determine the requirements to relocate any existing utilities that will be impacted by the Project.

g. The Design Build Firm shall furnish the City with four (4) sets of signed, sealed, and dated 60% plans for the Project. In addition, the Design Build Firm shall provide the City with the electronic version of all documents prepared to support the design and construction of the project, including design drawings in AutoCAD, etc.

h. The AutoCAD files shall comply with the following requirements: (1) All drawings shall be 100% AutoCAD files, 2012 Version or newer; (2) Use standard AIA layer system; (3) All AutoCAD files shall be transferred to CD by "E-transmit" command; (4) Use standard AutoCAD fonts/text files only, no third party application; (5) Title blocks and logos to be compatible with Items 1-4, use the City of Jacksonville title block; (6) The "z" coordinate shall be set to zero in all cases; and (7) All drawings shall be 11" x 17" (full scale).

SECTION 4

SUBMITTAL OF TP AND GMP

4-1 GENERAL

The Design Build Firm shall submit three (3) sets of its proposal consisting of the following elements:

a. TP as defined in Sections 1 thru 3 of this DCP and in City Contract #71754-22.

b. Separate Cost of the Work consisting of the cost as defined in City Contract #71754-22.

c. Proposed Design Build Firm's Contingency as provided in City Contract #71754-22.

d. Proposed Design Build Firm's Fees as provided in City Contract #71754-22.

e. A statement of additional services.

f. The time limit for acceptance of the GMP Proposal.

END OF THE DESIGN CRITERIA PACKAGE.

INDEPENDENT DRIVE REALIGNMENT

190 INDEPENDENT DR. W. JACKSONVILLE, FL.

CITY OF JACKSONVILLE PUBLIC WORKS DEPARTMENT

CITY OF JACKSONVILLE NOTES

GENERAL

All construction shall be performed in conformance with the approved plans and comply with all standard City policies and practices. City approval is contingent upon any required state or several permit approvals such as those from the Department of Environmental Protection of the St. Johns River Water Management District (SJRWMD).

UTILITY WORK

Plan approval through Development Services does not include utilities. Proposed initial phase of utility construction must be approved separately through the respective utility company. In most cases this will be:

JEA
[illegible]
[illegible]
[illegible]

WORK WITHIN THE RIGHT-OF-WAY

CITY: Except for new subdivision infrastructure construction, all work performed within a City of Jacksonville right-of-way or adjacent roadway (Right-of-way Permit). The contractor performing the proposed work must have a current Right-of-way Bond on file with Development Services. Right-of-way Permit applications are processed at:

Development Services central permitting
[illegible]
[illegible]
[illegible]
[illegible]

STATE: All work performed within a state right-of-way requires a permit from the Florida Department of Transportation (FDOT). It is the developer's responsibility to obtain required FDOT permits or maintenance-of-traffic approvals for work within FDOT right-of-way. The FDOT District office can be contacted at (904) 360-5700. Any changes to the approved plans needed for FDOT approval must be submitted to Development Services as revisions.

Adjacent State Roads: N/A

RAILROAD: Railroad companies may require special approvals or permits to work within their rights-of-way. It is the developer's responsibility to obtain permission from any railroad right-of-way owner before performing any work within that right-of-way.

STORMWATER

Annual reports in compliance with the SJRWMD stormwater permits are required from the maintenance entity of all stormwater management facilities. Send copies of the reports to:

Responsibility for Stormwater Maintenance
[illegible]
[illegible]
[illegible]
[illegible]

The owner of any project site 1½ acre or larger is required to provide a Notice of Intent (NOI) to construction with criteria set forth in the city's NPDES permit within 48 hours of beginning construction. Send NOI and NOT to the:

[illegible]
NPDES Services, Attn: Bill Nutter, [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

The contractor shall contact the Environmental Quality Division (Erosion and Sedimentation Control Section (ESC) to provide certification that applicable stormwater permits have been obtained and to schedule a pre-construction ESC site inspection.

Environmental Quality Division
[illegible]
[illegible]
[illegible]
[illegible]

FIRE MARSHALL

Plan review and approval does not relieve the owner or contractor with all applicable State Fire Codes.

Underground mains and hydrants shall be installed, completed and in service prior to construction work.

Underground contractor shall submit to the Fire Marshal for approval complete sets of all underground pipe and fittings relating to the protection PRIOR to installation and inspection. Contractor shall include manufacturer's name and pipe ID along with contractor's state license number.

LANDSCAPE

A Tree Work Permit is required for this project.

☐ Tree Fund payment is due: _____ x _____ inches at $ _____ = $ _____

☐ Artificial Turf is due: _____ square at $ _____ = $ _____

TRAFFIC ENGINEERING

TRAFFIC SIGNS

Signs Name Locate: _____

Signage Install: _____

Stop/Yield Install: _____

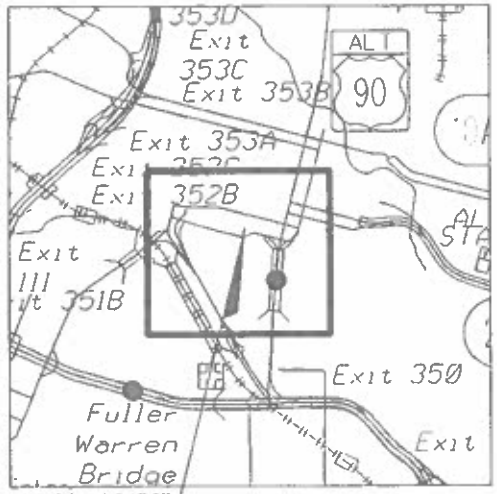
Design Sign Date: _____ Year Old

Installation Sign Date: _____ Year Old Signs Provided By

____ Streetlight Required

NOTE: Traffic sign work, change from date to date. Consult Attachment 8 of the Land Development Procedures Manual (http://jacksonville.com) for the current rates before paying for any sign installations.

No lane closures allowed from 7 a.m. to 9 a.m. and from 4 p.m. to 6 p.m.



LOCATION OF PROJECT

VICINITY MAP

NTS

SHEET NO	SHEET DESCRIPTION	SHEET NO	SHEET DESCRIPTION
1	COVER SHEET	12 - 15	LIGHTING PLAN
2	SIGNAGE SHEET	16	SIGNALIZATION MOTION PLAN
3	GENERAL NOTES	17	INTERCONNECT PLAN
4	PROPOSED DRAINAGE MAP	18 - 19	TREE MITIGATION
5	DRAINAGE DETAILS	20	ACCESSIBILITY PATH OF MARKING DETAILS
6	ROADWAY TYPICAL SECTION	21	CONCRETE SIDEWALK DETAILS
7	ROADWAY DEMOLITION PLAN	22 - 23	CURB RAMP DETAILS
8 - 9	ROADWAY PLAN PROFILE		
10	ROADWAY GRADING PLAN		
11	ROADWAY GRADING DETAIL		
12 - 22	ROADWAY CROSS SECTIONS		
23	TEMPORARY TRAFFIC CONTROL GRADING NOTES		
24	OFFROAD PLAN		
25	UTILITY ADJUSTMENTS		
26	SUMMARY OF VARIOUS UTILITIES		
27	EROSION CONTROL GENERAL NOTES		
28	EROSION CONTROL DETAILS		
29	EROSION CONTROL PLAN		
30	SIGNING AND PAVEMENT MARKING PLAN GENERAL NOTES		
31 - 37	SIGNING AND PAVEMENT MARKING PLAN		

PLAN APPROVAL

Date: _____ Development Services Division (Chief)

Date: _____ Public Works (Director)

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	10553.000
Concurrency Application Number	N/A
Property Appraiser Number (RE #)	PUBLIC R/W
Zoning Designation	N/A
Zoning Application(s) (if any)	N/A
PUD Ordinance Number	N/A
FIRM - Community - Panel	12031C0158J
Flood Zones (Show in Plans)	ZONE X
Base Flood Elev. (Show in Plans)	0'
Vertical Datum Used for Project	NAVD88
JEA Availability Number	TBD
SUBDIVISION	
PSD Number	N/A
City or Private Inspection	N/A
Public or Private Roads	N/A
Subdivision ("Bill") Plan Provided?	N/A
NON-SUBDIVISION	
North American Industry Classification System (NAICS)	N/A
Impervious Area (Sq. Ft.)	N/A

gai consultants
[illegible]
[illegible]
JACKSONVILLE, FL 32[illegible]
(904) 363-1110

CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL.

COVER SHEET

SHEET 1

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SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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ON ANY ELECTRONIC COPIES

GAI CONSULTANTS INC
12574 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
WENSHU ZHANG P.E NO 81436

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.001 F.A.C

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	PROPOSED COVERAGE MAP
5	DRAINAGE DETAILS
6	ROADWAY TYPICAL SECTION
7	ROADWAY DEMOLITION PLAN
8 - 9	ROADWAY PLAN PROFILE
10	ROADWAY GRADING PLAN
11	ROADWAY GRADING DETAIL
12 - 22	ROADWAY CROSS SECTIONS
23	TEMPORARY TRAFFIC CONTROL GENERAL NOTES
24	DETOUR PLAN
25	UTILITY ADJUSTMENTS
26	SUMMARY OF VERIFIED QUANTITIES
27	EROSION CONTROL GENERAL NOTES
28	EROSION CONTROL DETAILS
29	EROSION CONTROL PLAN
30	SIGNING AND PAVEMENT MARKING GENERAL NOTES
31 - 33	SIGNING AND PAVEMENT MARKING PLAN
34	SIGNALIZATION REMOVAL PLAN
35	INTERCONNECT PLAN
36 - 39	PART 6 MITIGATION
40	ACCESSIBILITY PAVEMENT MARKING DETAILS
41	CONCRETE SIDEWALK DETAILS
42 - 43	CURB RAMP DETAILS

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SHEET NO	SHEET DESCRIPTION
2	SIGNATURE SHEET
43 - 45	LIGHTING PLAN

gai consultants
Transforming ideas into reality
12574 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363-1100

Revisions	Date	Appr.

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

Date	1st Issue
Date	2nd Issue
Date	Final Issue
Date	Bid Issue
Date	Issued for Construction
Project No.	0120562.00

SIGNATURE SHEET

SHEET CONSTRUCTION 2

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EXHIBIT A-1

GENERAL NOTES

INDEPENDENT DRIVE REALIGNMENT

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

JACKSONVILLE, FL

gai consultants

GAI CONSULTANTS, INC.
385 INTERLAKE
SUITE 300
ATLANTA, GA 30328
(404) 351-1130

PROPOSED DRAINAGE MAP

INDEPENDENT DRIVE REALIGNMENT

CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

JACKSONVILLE, FL

gai consultants

4

EXHIBIT 4.1

Ex-1
STA 113+48.37, 26.82' LT
ADJUST EXISTING MH
EXIST. TOP EL. 4.36
PROP. TOP EL. 4.45
SE INV. UNKN. 30" RCP EXIST.
W INV. UNKN. UNKN PIPE EXIST
SW INV. MATCH EXIST. 18" PIPE PROP.

Ex-2
STA 116+17.50, 0.52' RT
EXISTING MH TO REMAIN
EXIST. TOP EL. 4.94
PROP. TOP EL. 4.94
N INV. -1.60, 24" RCP EXIST.
NE INV. 0.56, 18" RCP EXIST.
S INV. -2.10, 42" RCP EXIST.
NW INV. 0.56, 18" PIPE PROP.

Ex-3
STA. 115+60.29, 0.00' RT
ADJUST EXISTING MH
EXIST. TOP EL. 4.75
PROP. TOP EL. 4.74
SE INV. -3.65, 24" PIPE PROP.
S INV. -3.65, 48" RCP EXIST.
N INV. -3.65, 42" RCP EXIST.

Ex-4
STA 203+31.50, 31.00' RT
EXISTING MH TO REMAIN
EXIST. TOP EL. 4.37
PROP. TOP EL. 4.37
N INV. UNKN. 12" RCP EXIST. TO REMAIN
E INV. UNKN. 12" RCP EXIST. TO REMAIN
SW INV. UNKN. 12" RCP EXIST. TO BE REMOVED PLUG HOLE
W INV. UNKN. 12" RCP EXIST. TO BE REMOVED
W INV. 0.00 18" PIPE PROP.

Ex-5
STA 114+30.87, 0.96' RT
EXISTING MH TO REMAIN
EXIST. TOP EL. 4.38
PROP. TOP EL. 4.38
N INV. UNKN. 48" RCP EXIST.
S INV. UNKN. 48" RCP EXIST.
W INV. UNKN. REMOVE EXIST. 15" PIPE & PLUG HOLE

S-1
STA 113+29.36, 29.00' RT
CONST. COJ CURB INLET
PLATES D-201 & D-202
EOP EL. 3.68
NE INV. -1.00, 18" RCP PROP.

S-2
STA 113+43.20, 22.00' LT
CONST. COJ CURB INLET
PLATES D-201 & D-202
ALIGN CURB IRON WITH CURB
GRATE EL. 4.00
NE INV. -2.90, 18" RCP PROP.

S-3
STA 113+69.08, 24.10' RT
CONST. MH TYPE J-7 WITH J-BOT 7' DIA
FDOT INDEXES 425-001 & 425-010
TOP EL. 4.61
NW INV. -3.50, 30" RCP EXIST. TO REMAIN
SE INV. -3.56, 36" RCP EXIST. TO REMAIN
SW INV. -3.50, 18" PIPE EXIST. TO REMAIN
W INV. -1.50, 18" PIPE PROP.

S-4
STA 114+26.92, 15.00' RT
CONST. COJ CURB INLET
PLATES D-201 & D-202
EOP EL 4.03
E INV. -2.00, 18" PIPE PROP.

S-5
STA 114+26.92, 15.00' LT
CONST. COJ CURB INLET
PLATES D-201 & D-202
EOP EL. 4.03
W INV. -2.00, 18" PIPE PROP.

S-6
STA 114+26.92, 4.19' RT
CONST. MH TYPE J-7 WITH J-BOT 6'x6'
FDOT INDEXES 425-001 & 425-010
TOP EL. 4.25
N INV. MATCH EXIST. 48" RCP EXIST. TO REMAIN
W INV. -2.20, 18" PIPE PROP.
S INV. MATCH EXIST. 48" RCP EXIST. TO REMAIN
E INV. -2.20, 18" PIPE PROP.

S-7
STA 116+22.17, 22.00' LT
CONST. COJ CURB INLET
PLATES D-201 & D-202
ALIGN CURB IRON WITH CURB
GRATE EL. 4.51
SW INV. 0.50, 18" PIPE PROP.

S-8
STA 200+71.64, 12.00' RT
CONST. COJ CURB INLET
PLATES D-201 & D-202
EOP EL. 3.88
NW INV. EL. -3.55, 24" PIPE PROP
SE INV. EL. 1.40, 18" PIPE PROP

S-9
STA 200+95.43, 21.50' RT
CONST. MH TYPE P-7 WITH 4' DIAMETER BOTTOM
TOP EL. 4.62
NW INV. EL. -1.15, 18" PIPE PROP.
NE INV. EL. -3.15, 18" PIPE EXIST. TO REMAIN
E INV. EL. -1.00, 18" PIPE PROP.

S-10
STA 200+73.81, 19.00' LT
CONST. COJ CURB INLET
PLATE D-201
ALIGN CURB IRON WITH CURB
EOP EL. 3.74
E INV. 0.00, 18" PIPE PROP.

S-11
STA. 201+13.00, 22.46' LT
CONST. MH TYPE J-7 WITH J BOT. 5'x5'
FDOT INDEXES 425-001 & 425-010
TOP EL. 4.40
W INV. -0.40, 18" PIPE PROP
N INV. 1.14, 6" PIPE EXIST. TO REMAIN
E INV. 1.00, 18" PIPE PROP
SW INV. -0.94, 18" PIPE EXIST. TO REMAIN

S-12
STA 201+42.00, 22.46' LT
CONST. MH TYPE P-7
FDOT INDEXES 425-001 & 425-010
TOP EL. 4.55
W INV. EL. 1.20, 18" PIPE PROP.
N INV. EL. 2.07, 6" PIPE EXIST. TO REMAIN

S-13
STA. 202+93.90, 19.00' LT
CONST. COJ CURB INLET TOP
PLATE D-201
ALIGN CURB IRON WITH CURB
EOP EL. 3.79
E INV. UNKN. 6" PIPE EXIST. TO REMAIN
SE INV. UNKN. 6" PIPE EXIST. TO REMAIN

S-14
STA. 202+93.11, 21.97' RT
CONST. COJ CURB INLET
PLATES D-201 & D-202
EOP EL. 3.64
NE INV. -0.20, 18" PIPE PROP.
SE INV. -0.20 18" PIPE PROP

gai consultants
GAI CONSULTANTS, INC.
5231 ST. AUGUSTINE ROAD
SUITE 103
JACKSONVILLE, FL 32207
(904) 363-1210

MARK	DESCRIPTION	DATE	BY

NO.	REVISIONS	DATE	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

DATE	
06/23/2023	
SCALE	
NTS	
DRAWN	
JWS	
PROJECT NO.	
17-1287-01	

DRAINAGE DETAILS

SHEET 5

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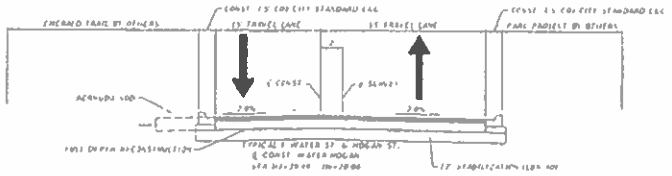
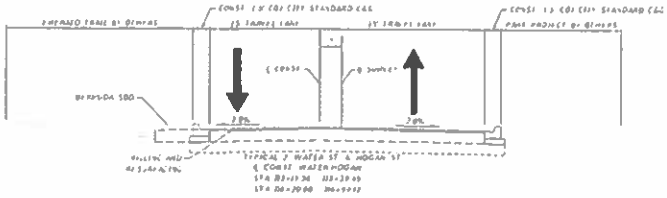
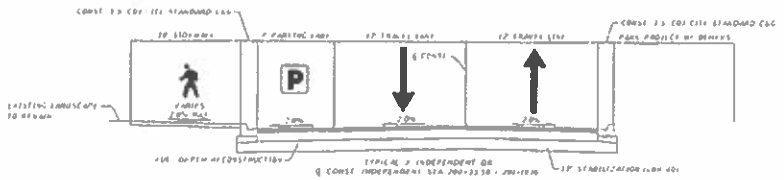
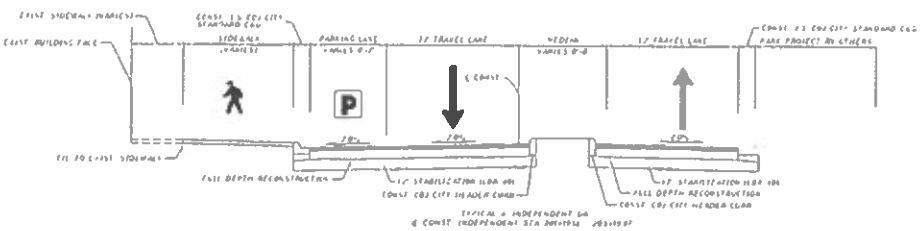
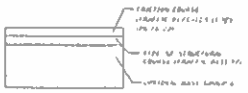








PAVEMENT DESIGN



DETAIL OF FULL DEPTH RECONSTRUCTION

SIDEWALK

4" CONCRETE WITH 6" CONCRETE DRIVEWAY AT DRIVEWAYS

DRIVEWAYS

6" CONCRETE

MILLING

MILL EXISTING ASPHALT PAVEMENT TO DEPTH OF 1.5" AND MATCH EXISTING CROSS SLOPE

RESURFACING

RESURFACE COURSE TO RESTORE LEVEL OF 1.5" AND MATCH EXISTING CROSS SLOPE

gai consultants
TRANSPORTATION MOBILITY AND ENVIRONMENT
3175 HOLDEN CENTER BLVD
SUITE 203
JACKSONVILLE, FL 32256
(904) 363-1110

MARK	DATE	DESCRIPTION	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

DATE 25 JULY 2013
SCALE AS NOTED
DESIGN
DRAWN
CHECKED
APPROVED
PROJECT NO. 6/13/0002.00

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

ROADWAY TYPICAL SECTIONS

SHEET IDENTIFICATION
6

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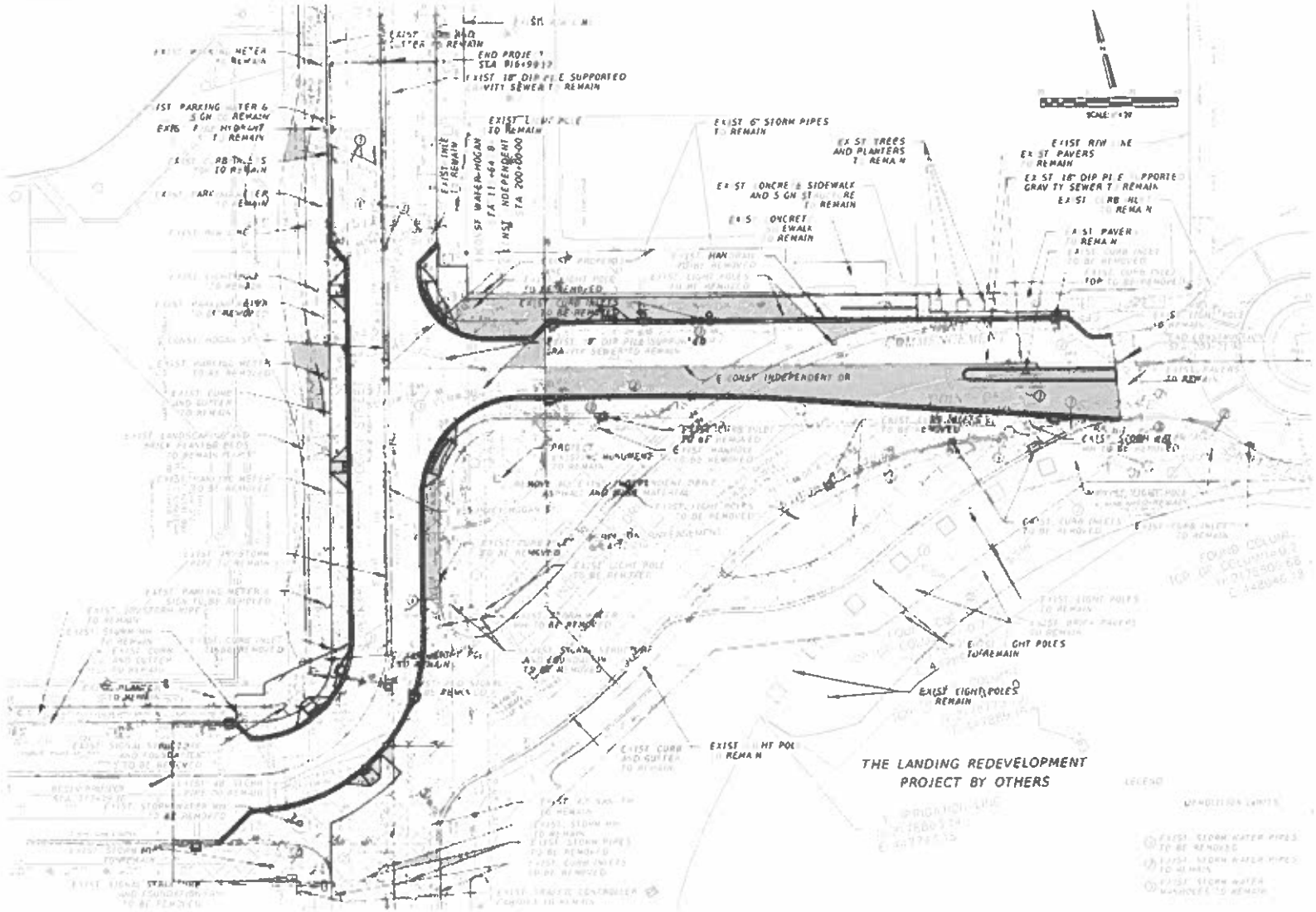

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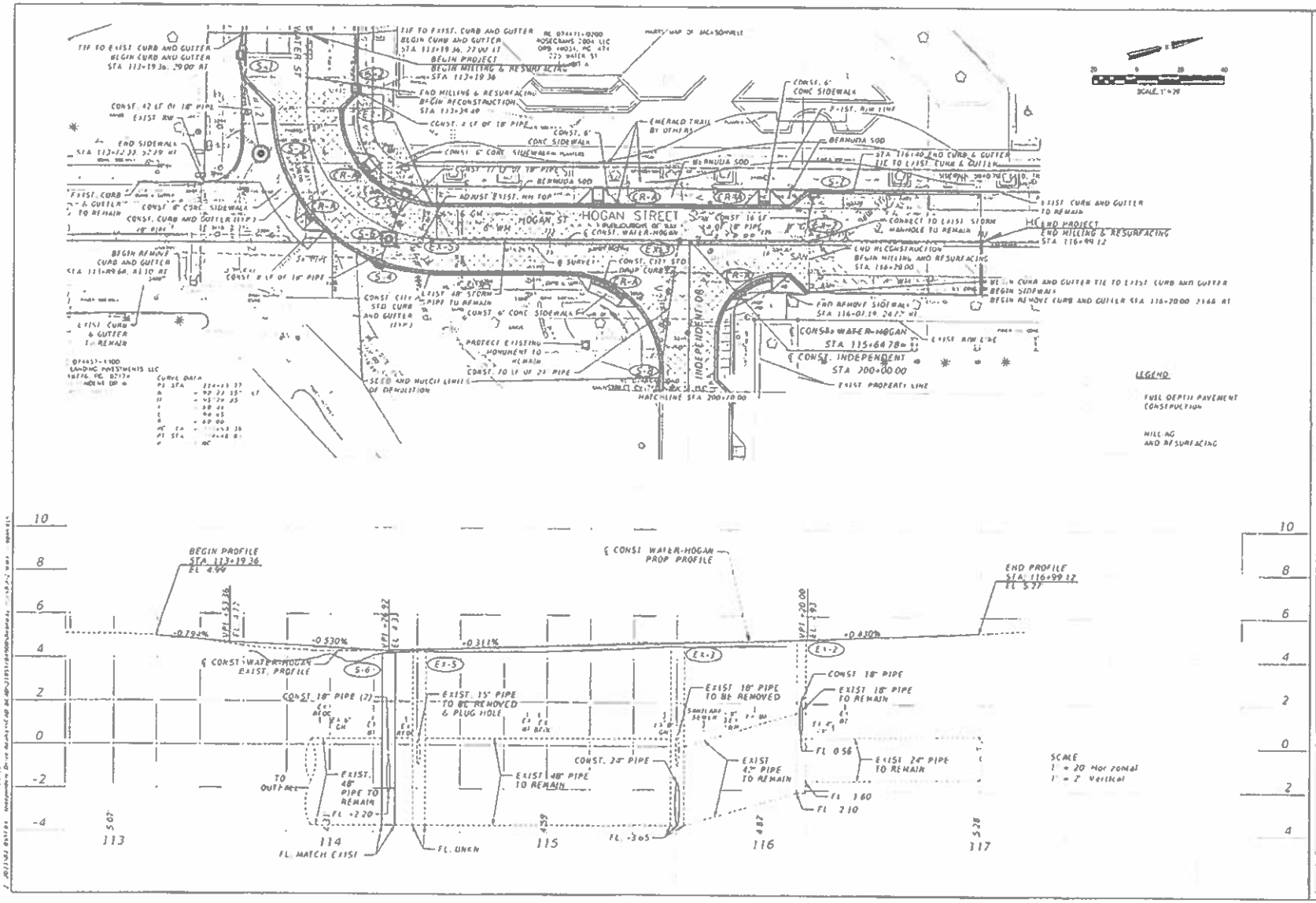
CITY OF JACKSONVILLE PUBLIC WORKS DIV.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE

ROADWAY DEMOLITION PLAN

7



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY PLAN-PROFILE

SHEET IDENTIFICATION 8

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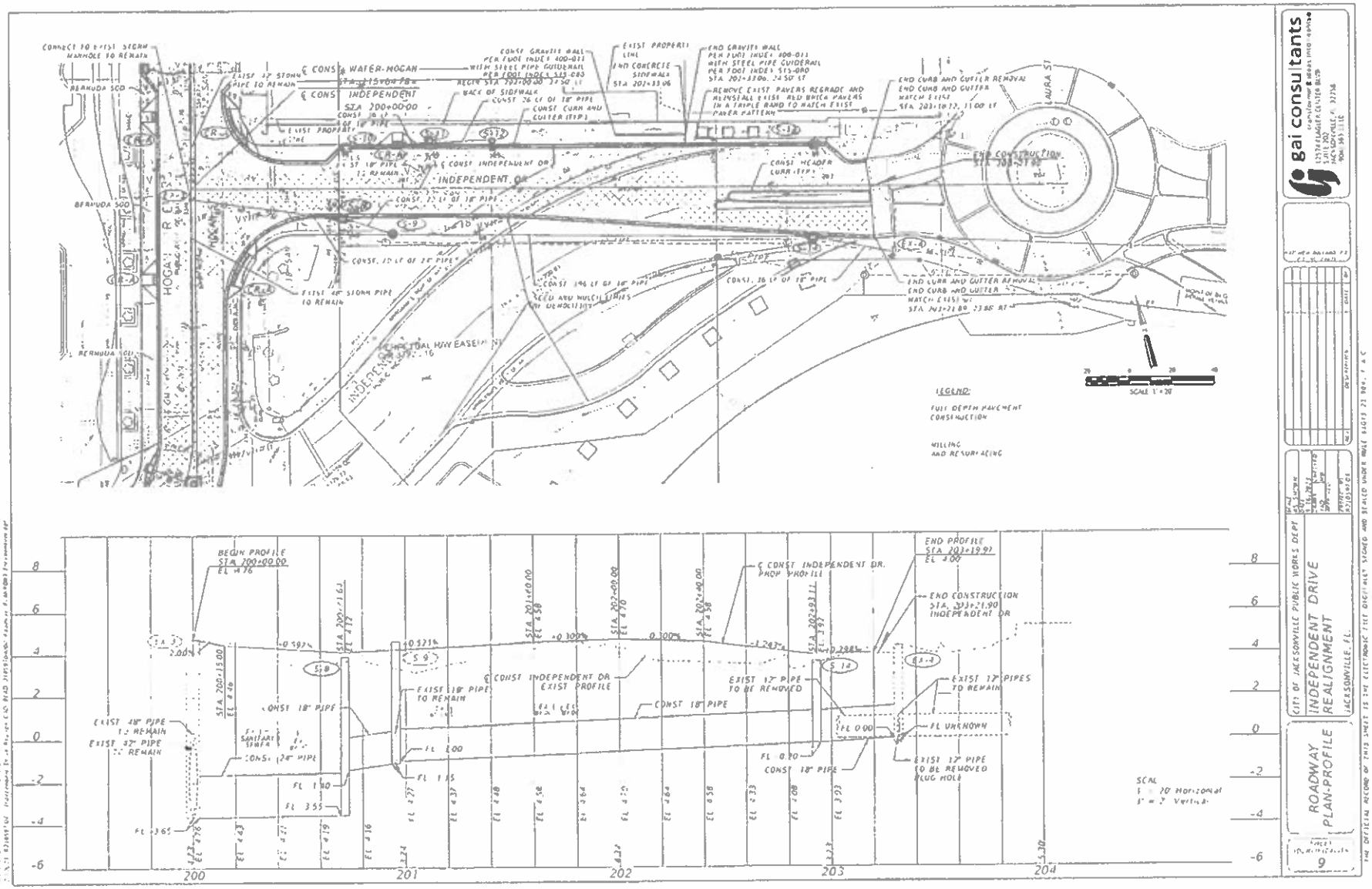
CONNECT TO EXIST STORM MANHOLE TO REMAIN
BERMUDA SOD
EXIST 12" STORM PIPE TO REMAIN
℄ CONST WATER-MOGAN
℄ CONST INDEPENDENT
STA 200+00.00
CONST 18 LF OF 18" PIPE
EXIST PROPERTY LINE
BACK OF SIDEWALK
CONST 26 LF OF 18" PIPE
CONST CURB AND GUTTER (TYP)
CONST GRAVITY WALL PER FDOT INDEX 400-011 WITH STEEL PIPE GUIDERAIL PER FDOT INDEX 515-080 BEGIN STA 201+00.00 32.50 LT
EXIST PROPERTY LINE AND CONCRETE SIDEWALK STA 201+33.96
END GRAVITY WALL PER FDOT INDEX 400-011 WITH STEEL PIPE GUIDERAIL PER FDOT INDEX 515-080 STA 201+33.96, 24.50 LT
REMOVE EXIST PAVERS REGRADE AND REINSTALL EXIST RED BRICK PAVERS IN A TRIPLE BAND TO MATCH EXIST PAVER PATTERN
END CURB AND GUTTER REMOVAL
END CURB AND GUTTER MATCH EXIST STA 203+10.73, 11.00 LT
LAURA ST
END CONSTRUCTION STA 203+21.90
CONST MEADER CURB (TYP)
INDEPENDENT DR
CONST. 18 LF OF 18" PIPE
CONST. 18 LF OF 18" PIPE
EXIST 18" STORM PIPE TO REMAIN
CONST 146 LF OF 18" PIPE
SOD AND MULCH AFTER DEMOLITION
CONST. 18 LF OF 18" PIPE
END CURB AND GUTTER REMOVAL
END CURB AND GUTTER MATCH EXIST STA 203+21.80, 23.85 RT
HOUSE OF BIG
HOGAN ROAD
BERMUDA SOD
BERMUDA SOD
CHANNEL HW EASEMENT
SCALE 1"=20'
LEGEND:
FULL DEPTH PAVEMENT CONSTRUCTION
MILLING AND RESURFACING
BEGIN PROFILE STA 200+00.00 EL 4.76
STA 200+15.00 EL 4.46
STA 200+16.63 EL 4.72
STA 201+00.00 EL 4.58
STA 202+00.00 EL 4.70
STA 202+40.00 EL 4.58
STA 202+93.11 EL 3.97
END PROFILE STA 203+19.97 EL 4.00
℄ CONST INDEPENDENT DR. PROF PROFILE
END CONSTRUCTION STA 203+21.90 INDEPENDENT DR
-0.597%
+0.521%
+0.300%
-1.247%
+0.284%
EXIST 18" PIPE TO REMAIN
EXIST 12" PIPE TO REMAIN
CONST 18" PIPE
EXIST 18" PIPE TO REMAIN
℄ CONST INDEPENDENT DR EXIST PROFILE
CONST 18" PIPE
EXIST 12" PIPE TO BE REMOVED
EXIST 12" PIPES TO REMAIN
FL UNKNOWN
FL 0.00
FL 0.70
CONST 18" PIPE
EXIST 12" PIPE TO BE REMOVED PLUG HOLE
CONST 24" PIPE
FL 1.00
FL 1.60
FL 3.55
FL 3.65
SCAL
1" = 20' Horizontal
1" = 2' Vertical
200
201
202
203
204
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CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL
ROADWAY PLAN-PROFILE
9
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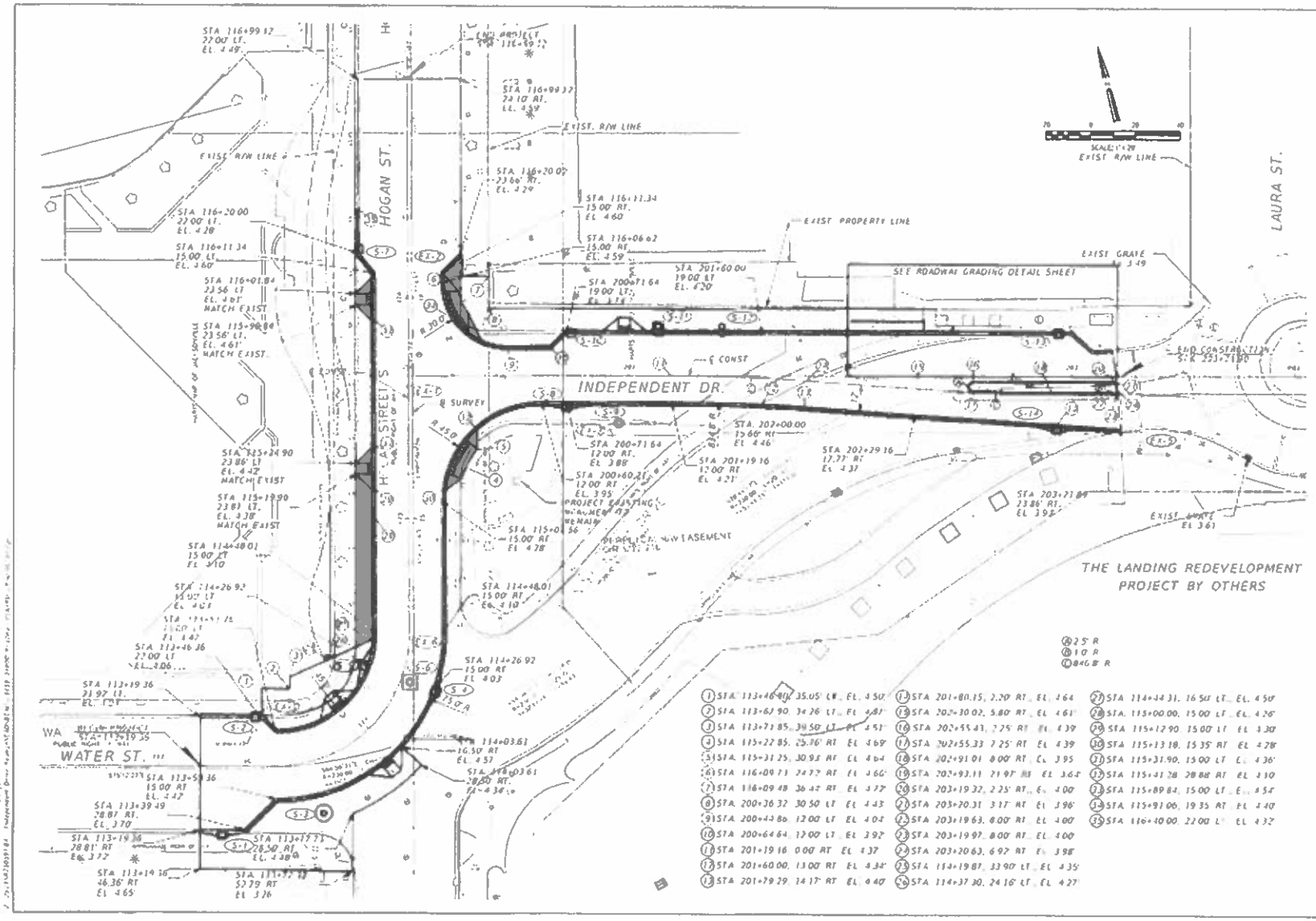

1 STA 113+46.40, 35.05' LT., EL. 4.50'	11 STA 201+80.15, 2.20' RT., EL. 4.64	27 STA 114+34.31, 16.50' LT., EL. 4.50'	
2 STA 113+61.90, 34.26' LT., EL. 4.81'	12 STA 202+30.02, 5.80' RT., EL. 4.61'	28 STA. 115+00.00, 15.00' LT., EL. 4.26'	
3 STA 113+71.85, 34.50' LT., EL. 4.51'	13 STA 202+55.41, 7.75' RT., EL. 4.39'	29 STA 115+12.90, 15.00' LT., EL. 4.30'	
4 STA 115+22.85, 25.36' RT., EL. 4.69'	14 STA 202+55.33, 7.25' RT., EL. 4.39'	30 STA 115+13.10, 15.35' RT., EL. 4.28'	
5 STA. 115+31.25, 30.95' RT., EL. 4.64'	15 STA 202+91.01, 8.00' RT., EL. 3.95'	31 STA 115+31.90, 15.00' LT., EL. 4.36'	
6 STA 116+09.71, 24.72' RT., EL. 4.66'	16 STA 202+93.11, 21.97' RT., EL. 3.62'	32 STA 115+41.28, 28.88' RT., EL. 4.10'	
7 STA 116+09.48, 36.42' RT., EL. 4.72'	17 STA 203+19.32, 2.25' RT., EL. 4.00'	33 STA 115+89.84, 15.00' LT., EL. 4.54'	
8 STA. 200+36.32, 30.50' LT., EL. 4.43'	18 STA 203+20.31, 3.17' RT., EL. 3.96'	34 STA. 115+91.06, 19.35' RT., EL. 4.40'	
9 STA. 200+43.86, 12.00' LT., EL. 4.04'	19 STA 203+19.63, 8.00' RT., EL. 4.00'	35 STA. 116+10.00, 22.00' LT., EL. 4.32'	
10 STA 200+64.64, 12.00' LT., EL. 3.92'	20 STA 203+19.97, 8.00' RT., EL. 4.00'		
11 STA 201+19.16, 0.00' RT., EL. 4.37'	21 STA 203+20.63, 6.92' RT., EL. 3.98'		
12 STA 201+60.00, 13.00' RT., EL. 4.34'	22 STA 114+19.87, 33.90' LT., EL. 4.35'		
13 STA 201+79.29, 14.17' RT., EL. 4.40'	23 STA 114+37.30, 24.16' LT., EL. 4.27'		

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY GRADING PLAN

SHEET 10 OF 11 SHEETS

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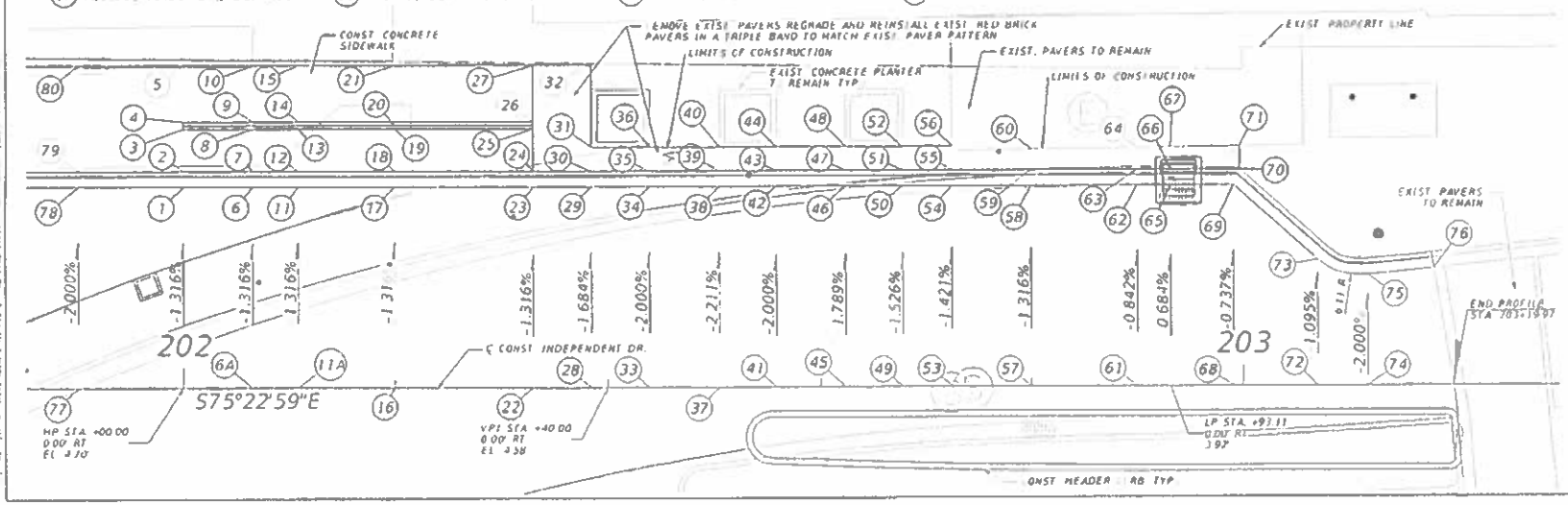
(1) +00.00, 19.00' LT., EL. 4.45'
(2) +00.00, 20.50' LT., EL. 4.87'
(3) +00.00, 24.50' LT., EL. 4.95'
(4) +00.00, 25.16' LT., EL. 4.96'
(5) +00.00, 30.50' LT., EL. 5.07'
(6A) +06.60, 0.00' RT., EL. 4.68'
(6) +06.60, 19.00' LT., EL. 4.43'
(7) +06.60, 20.50' LT., EL. 4.85'
(8) +06.60, 24.50' LT., EL. 4.93'
(9) +06.60, 25.16' LT., EL. 5.28'
(10) +06.60, 30.50' LT., EL. 5.39'
(11A) +10.81, 0.00' RT., EL. 4.67'
(11) +10.81, 19.00' LT., EL. 4.42'
(12) +10.81, 20.50' LT., EL. 4.84'
(13) +10.81, 24.50' LT., EL. 4.92'
(14) +10.81, 25.16' LT., EL. 5.33'
(15) +10.81, 30.50' LT., EL. 5.44'
(16) +20.00, 0.00' RT., EL. 4.64'
(17) +20.00, 19.00' LT., EL. 4.39'
(18) +20.00, 20.50' LT., EL. 4.81'
(19) +20.00, 24.50' LT., EL. 4.89'
(20) +20.00, 25.16' LT., EL. 5.01'
(21) +20.00, 30.50' LT., EL. 5.12'
(22) +33.06, 0.00' RT., EL. 4.60'
(23) +33.06, 19.00' LT., EL. 4.35'
(24) +33.06, 20.50' LT., EL. 4.77'
(25) +33.06, 24.50' LT., EL. 4.85'
(26) +33.06, 25.16' LT., EL. 4.86'
(27) +33.06, 30.50' LT., EL. 4.97'
(28) +38.50, 0.00' RT., EL. 4.59'
(29) +38.50, 19.00' LT., EL. 4.26'
(30) +38.50, 20.50' LT., EL. 4.68'
(31) +38.50, 22.74' LT., EL. 4.72'
(32) +38.50, 30.50' LT., EL. 4.92'
(33) +43.89, 0.00' RT., EL. 4.53'
(34) +43.89, 19.00' LT., EL. 4.15'
(35) +43.89, 20.50' LT., EL. 4.57'
(36) +43.89, 22.80' LT., EL. 4.59'
(37) +50.45, 0.00' RT., EL. 4.45'
(38) +50.45, 19.00' LT., EL. 4.03'
(39) +50.45, 20.50' LT., EL. 4.45'
(40) +50.45, 22.70' LT., EL. 4.45'
(41) +55.80, 0.00' RT., EL. 4.38'
(42) +55.80, 19.00' LT., EL. 4.00'
(43) +55.80, 20.50' LT., EL. 4.42'
(44) +55.80, 22.74' LT., EL. 4.42'
(45) +62.44, 0.00' RT., EL. 4.30'
(46) +62.44, 19.00' LT., EL. 3.96'
(47) +62.44, 20.50' LT., EL. 4.38'
(48) +62.44, 22.74' LT., EL. 4.47'
(49) +67.85, 0.00' RT., EL. 4.23'
(50) +67.85, 19.00' LT., EL. 3.94'
(51) +67.85, 20.50' LT., EL. 4.36'
(52) +67.85, 22.74' LT., EL. 4.47'
(53) +72.50, 0.00' RT., EL. 4.18'
(54) +72.50, 19.00' LT., EL. 3.91'
(55) +72.50, 20.50' LT., EL. 4.33'
(56) +72.50, 22.74' LT., EL. 4.35'
(57) +80.00, 0.00' RT., EL. 4.08'
(58) +80.00, 19.00' LT., EL. 3.83'
(59) +80.00, 20.50' LT., EL. 4.25'
(60) +80.00, 22.42' LT., EL. 4.29'
(61) +90.00, 0.00' RT., EL. 3.96'
(62) +90.00, 19.00' LT., EL. 3.80'
(63) +90.00, 20.50' LT., EL. 4.22'
(64) +90.00, 22.55' LT., EL. 4.25'
(65) +93.11, 19.00' LT., EL. 3.79'
(66) +93.11, 20.50' LT., EL. 4.21'
(67) +93.11, 22.60' LT., EL. 4.25'
(68) +99.13, 0.00' RT., EL. 3.94'
(69) +99.13, 19.00' LT., EL. 3.80'
(70) +99.13, 20.50' LT., EL. 4.22'
(71) +99.70, 22.69' LT., EL. 4.26'
(72) +07.07, 0.00' RT., EL. 3.96'
(73) +07.07, 11.87' LT., EL. 3.83'
(74) +11.78, 0.00' RT., EL. 3.98'
(75) +11.78, 10.34' LT., EL. 3.77'
(76) +18.12, 11.00' LT., EL. 3.62'
(77) +90.00, 0.00' RT., EL. 4.67'
(78) +90.00, 19.00' LT., EL. 4.29'
(79) +90.00, 20.50' LT., EL. 4.71'
(80) +90.00, 22.55' LT., EL. 4.91'



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY GRADING DETAIL

11

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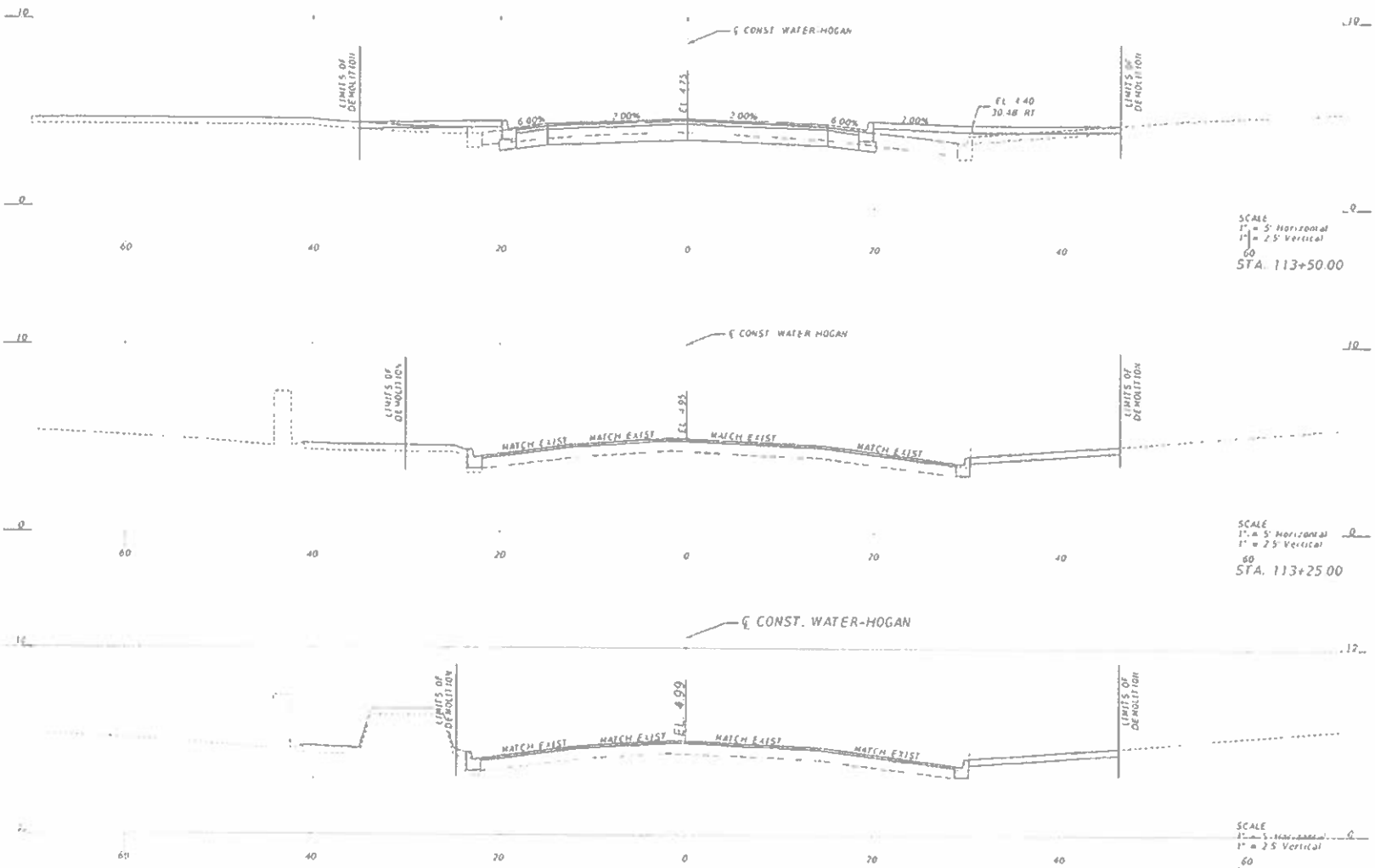

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

ROADWAY CROSS SECTIONS

SHEET 12

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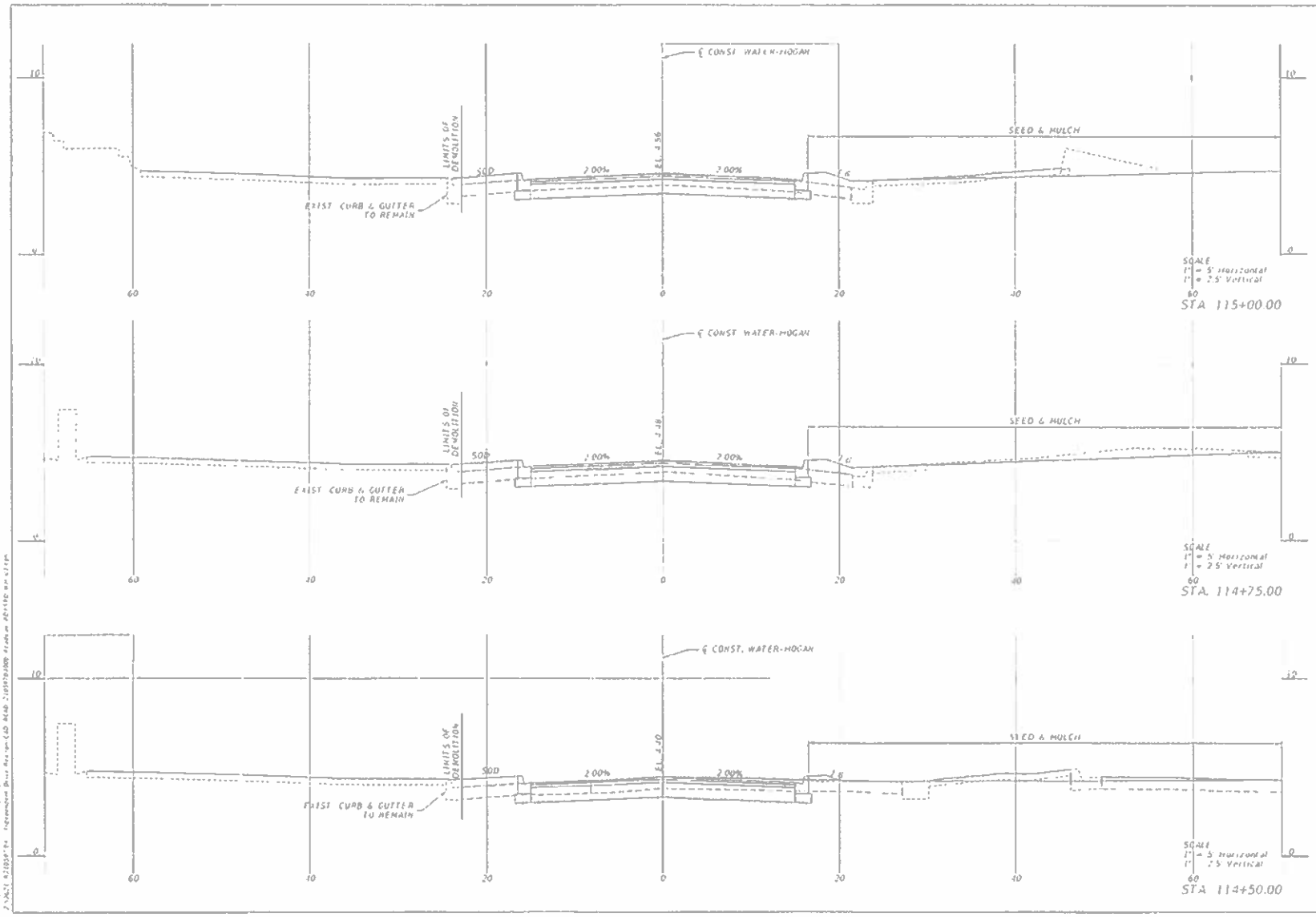
ROADWAY CROSS SECTIONS	CITY OF JACKSONVILLE PUBLIC WORKS DEPT.	INDEPENDENT DRIVE REALIGNMENT	JACKSONVILLE, FL
SHEET 10 of 13	E1		

gai consultants
Engineering • Architecture • Planning
6363 Greenland Road
Suite 100
Jacksonville, FL 32258
(904) 363-1130



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET NUMBER 14

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INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

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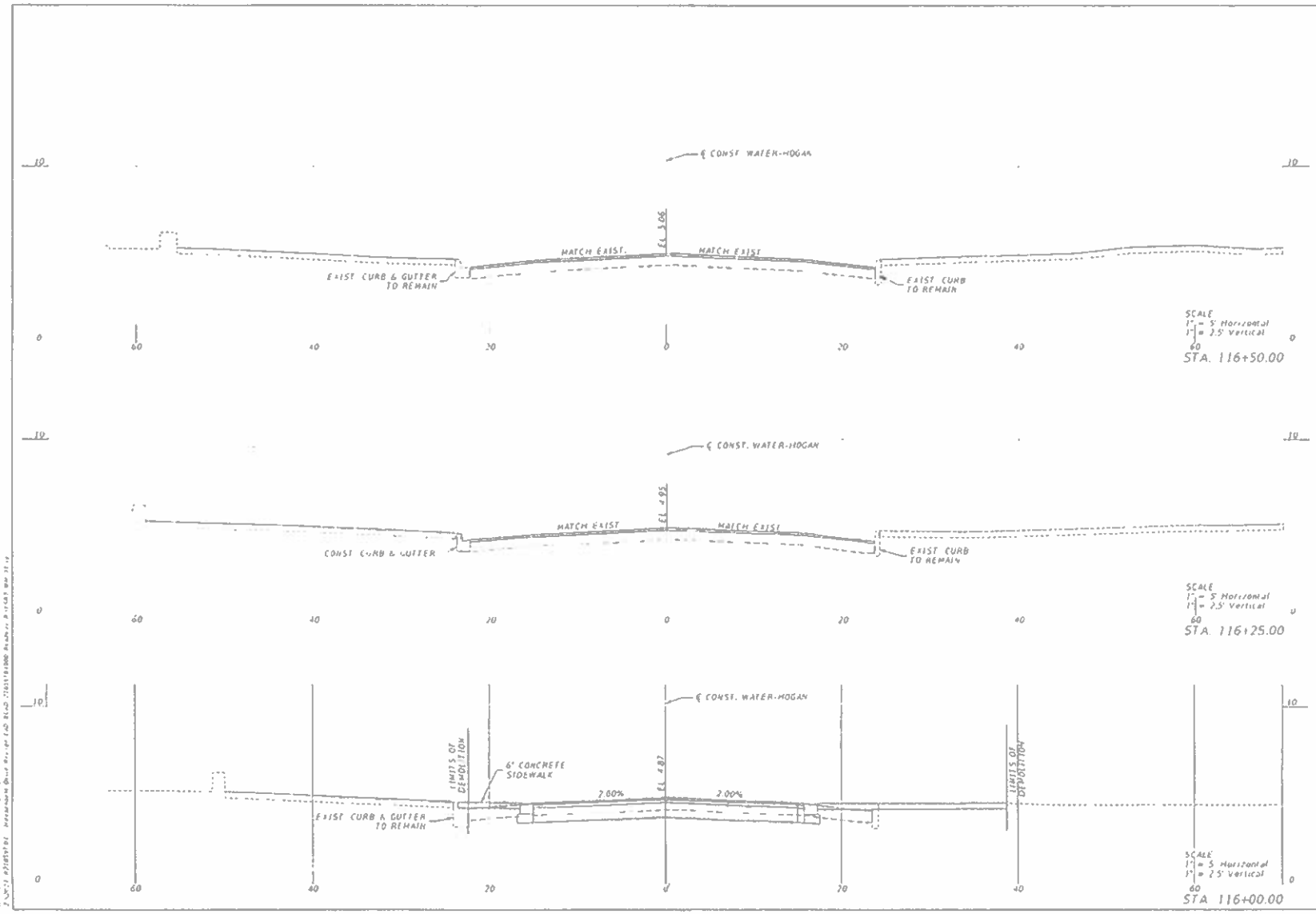

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INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 16

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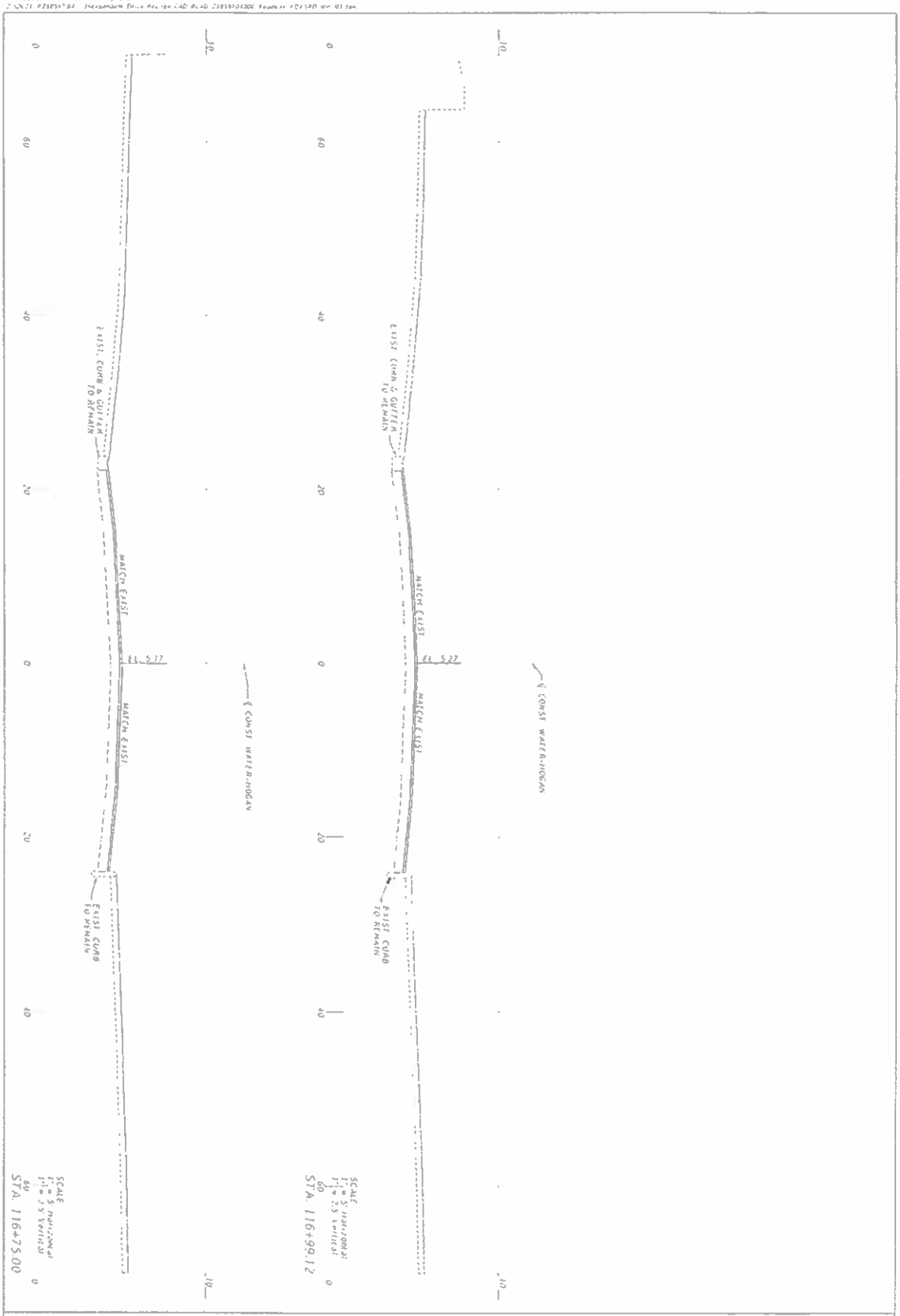

17

ROADWAY CROSS SECTIONS

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

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5255 PLAGUER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32256
(904) 363 3130

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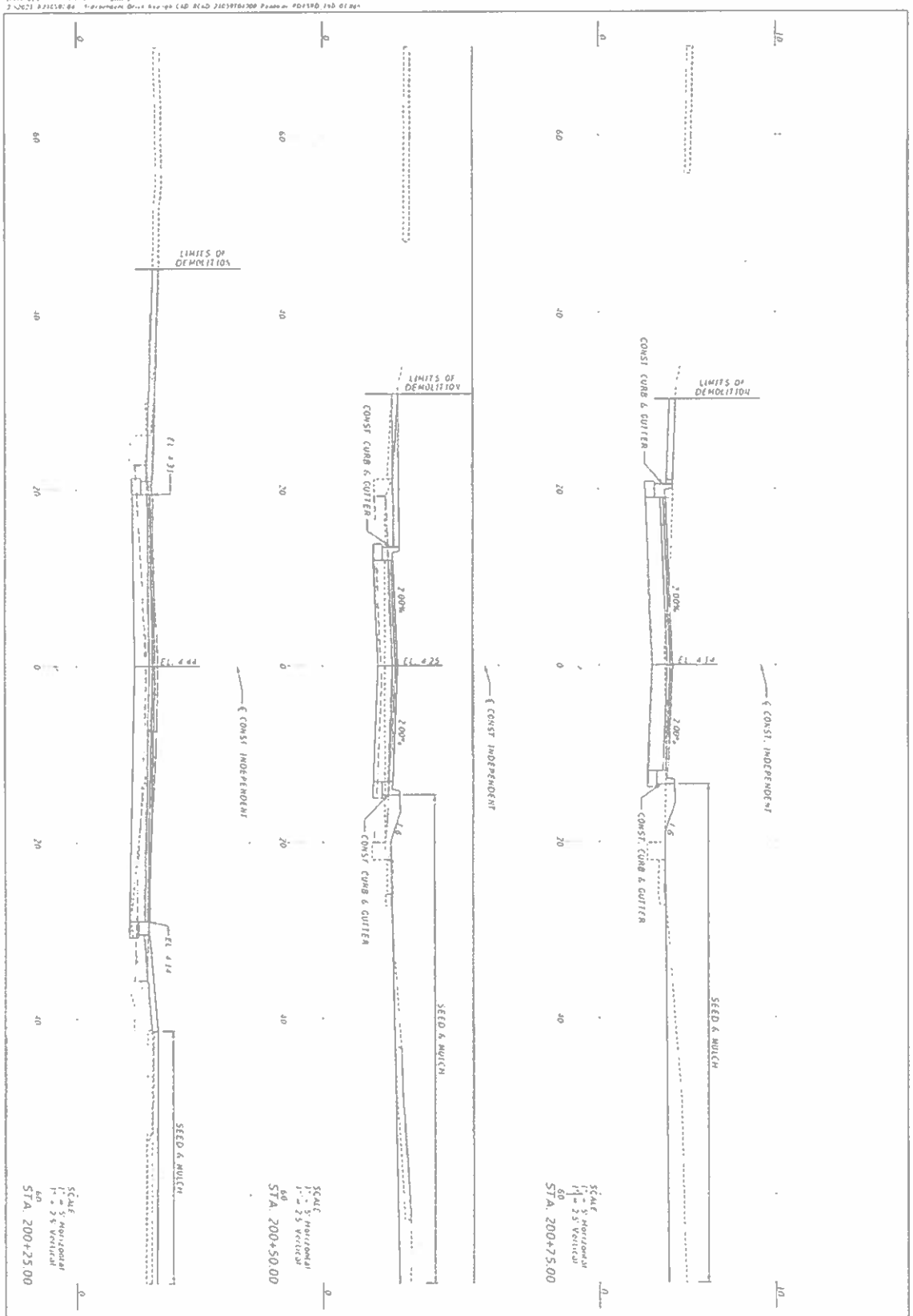

ROADWAY CROSS SECTIONS

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE FL

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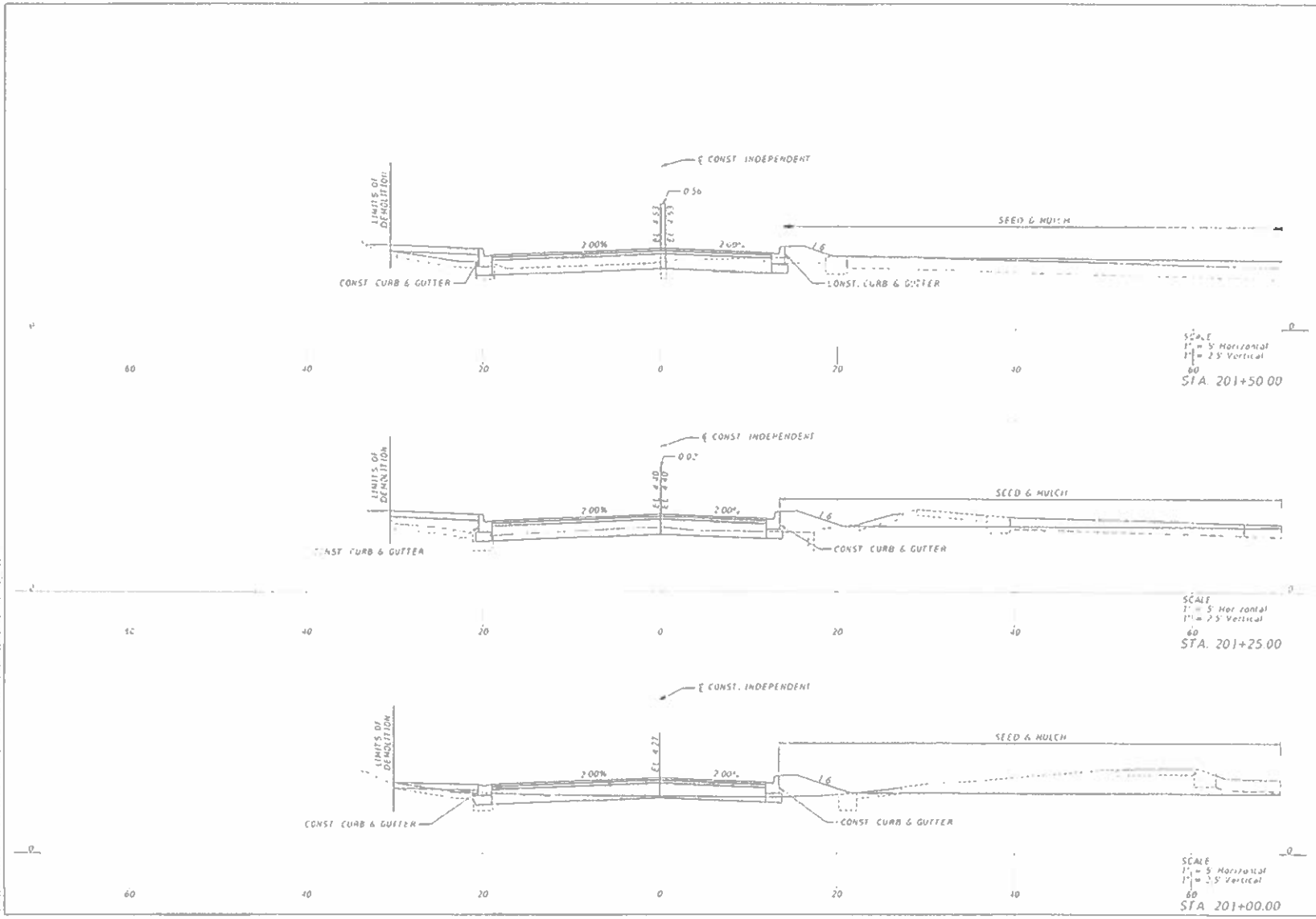

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 19

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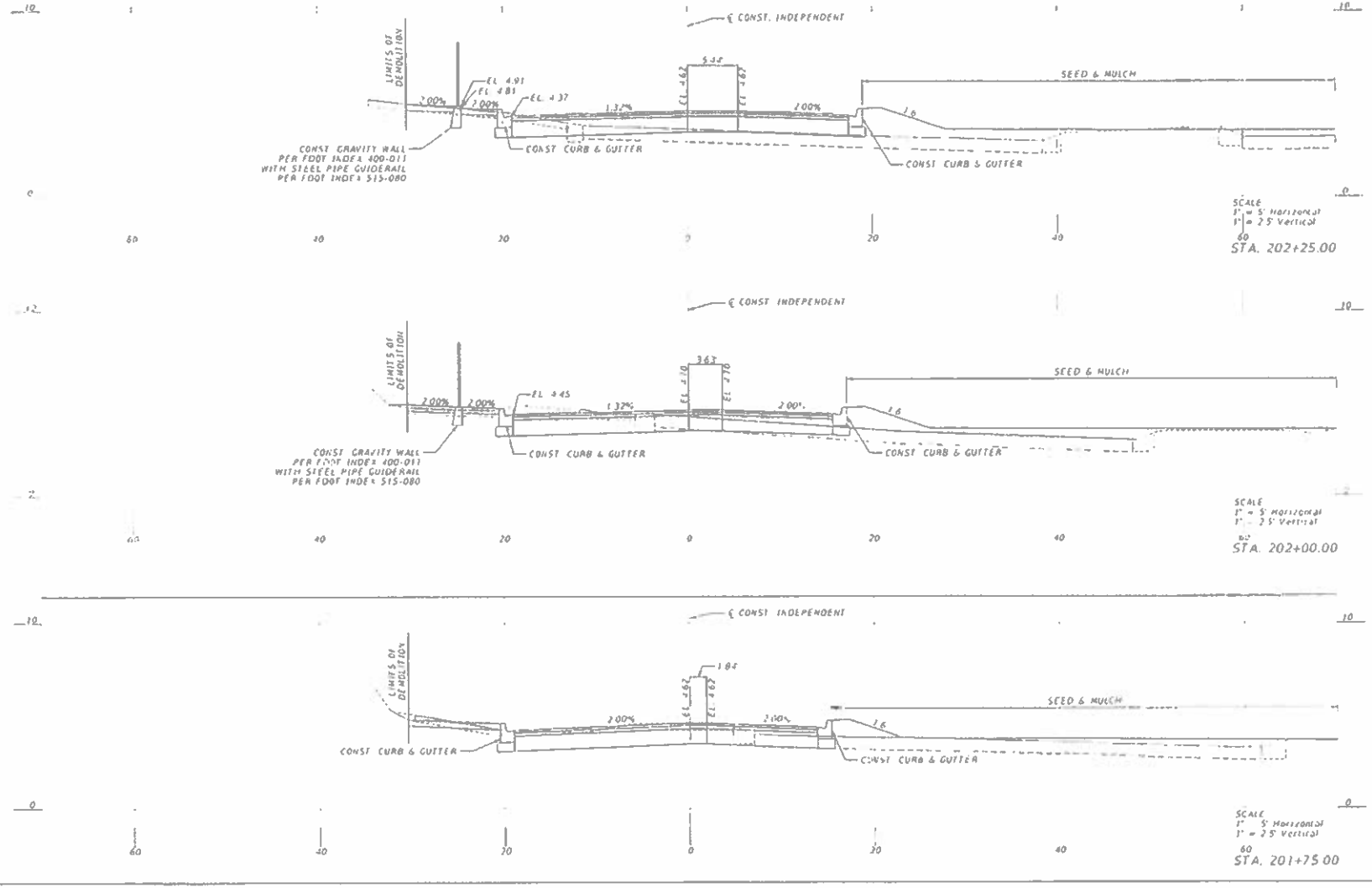

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INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET 20

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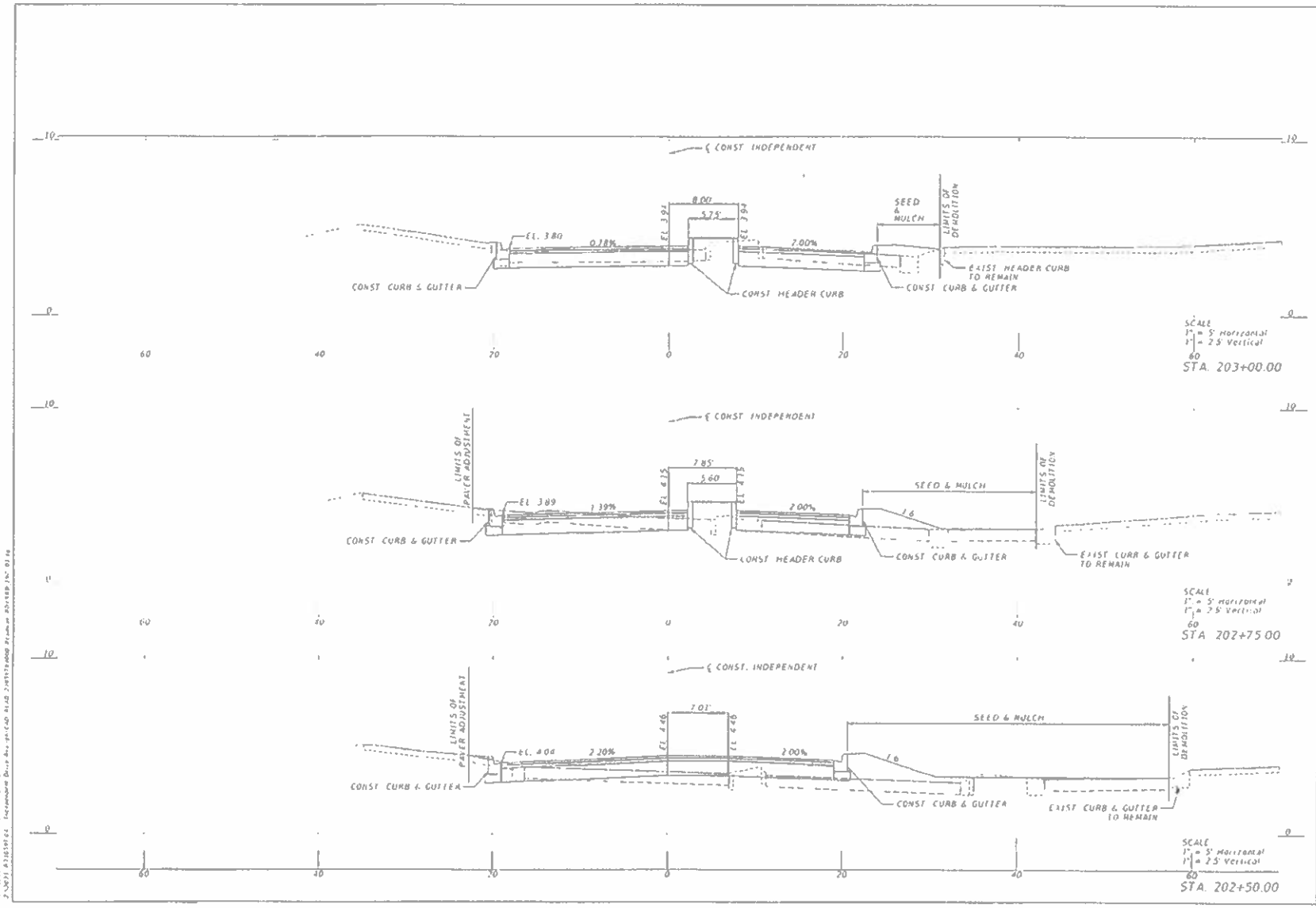

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 21

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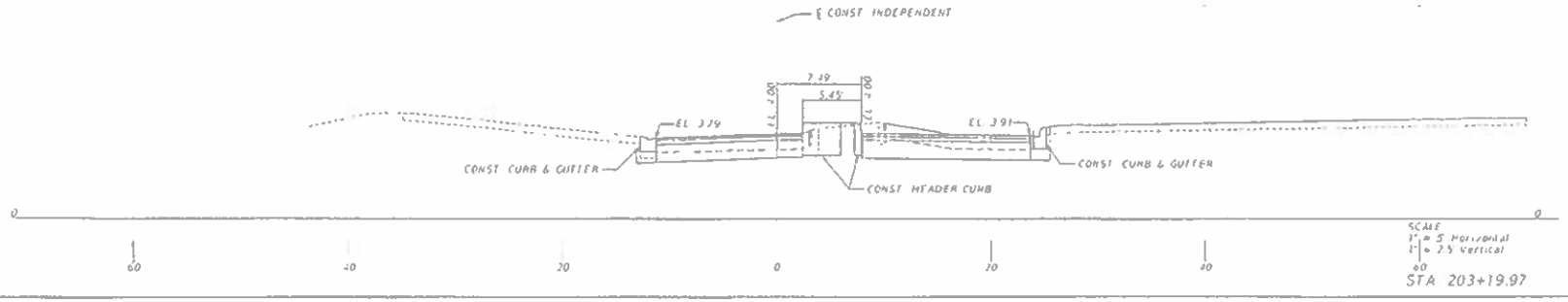

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 22

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TEMPORARY TRAFFIC CONTROL PLAN (TTCP) GENERAL NOTES

1. CONTACT CIVIL ENGINEERING TECHNICIAN SENIOR CHARLES [illegible] BEFORE THE START OF ANY WORK FOR A PRE-CONSTRUCTION MEETING (904) 497-4648
2. CONTACT THE JACKSONVILLE TRANSPORTATION AUTHORITY (JTA) FOURTEEN (14) DAYS PRIOR TO ANY LANE CLOSURES, TRAFFIC DIVERSIONS, OR ANY OPERATIONS THAT MAY AFFECT ITS BUS ROUTES
3. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT
4. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC
5. CONTRACTOR SHALL PROVIDE ACCESS TO BUSINESS AND RESIDENTS AT ALL TIMES DURING CONSTRUCTION THROUGH THE USE OF MILLINGS, COMMERCIAL MATERIAL, STEEL PLATING, OR TEMPORARY BACKFILL AS REQUIRED
6. TEMPORARY CLOSURES OF DRIVEWAYS AND SIDE STREETS TO BE COMPLETED AS REQUIRED
7. THE EXISTING POSTED SPEED LIMIT SHALL BE MAINTAINED DURING CONSTRUCTION
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. ALL TRAFFIC SIGN MESSAGES SHALL BE MAINTAINED BY UTILIZING THE EXISTING SIGNS, NEW SIGNS OR A COMBINATION OF THE ABOVE
14. POSITIVE DRAINAGE MUST BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION. TEMPORARY DRAINAGE SHALL UTILIZE PROPOSED DRAINAGE STRUCTURES TO THE EXTENT POSSIBLE
15. EXISTING SIGNS AND PAVEMENT MARKINGS THAT CONFLICT WITH CONSTRUCTION SIGNING AND MARKINGS SHALL BE OBLITERATED REMOVED OR COVERED
16. STREET NAME SIGNS SHALL BE PLACED WHERE THEY ARE CLEARLY VISIBLE DURING CONSTRUCTION AND BUSINESS ACCESS SIGNS SHALL BE PLACED AT ALL BUSINESSES
17. NOTIFY THE TRAFFIC ENGINEERING DIVISION 904-255-7533 A MINIMUM OF 5 WORKING DAYS PRIOR TO IMPLEMENTATION OF THE MOT
18. THE PROJECT WORK HOURS SHALL BE 7:00 AM TO 7:00 PM. WORK OUTSIDE OF THESE HOURS SHALL BE COORDINATED FOR APPROVAL BY THE CITY

SHEET IDENTIFICATION 23	TEMPORARY TRAFFIC CONTROL GENERAL NOTES	CITY OF JACKSONVILLE PUBLIC WORKS DEPT INDEPENDENT DRIVE REALIGNMENT JACKSONVILLE, FL	gai consultants transforming ideas into reality 13574 VILLAGE CENTER BLVD SUITE 202 JACKSONVILLE, FL 32256 (904) 363 1110

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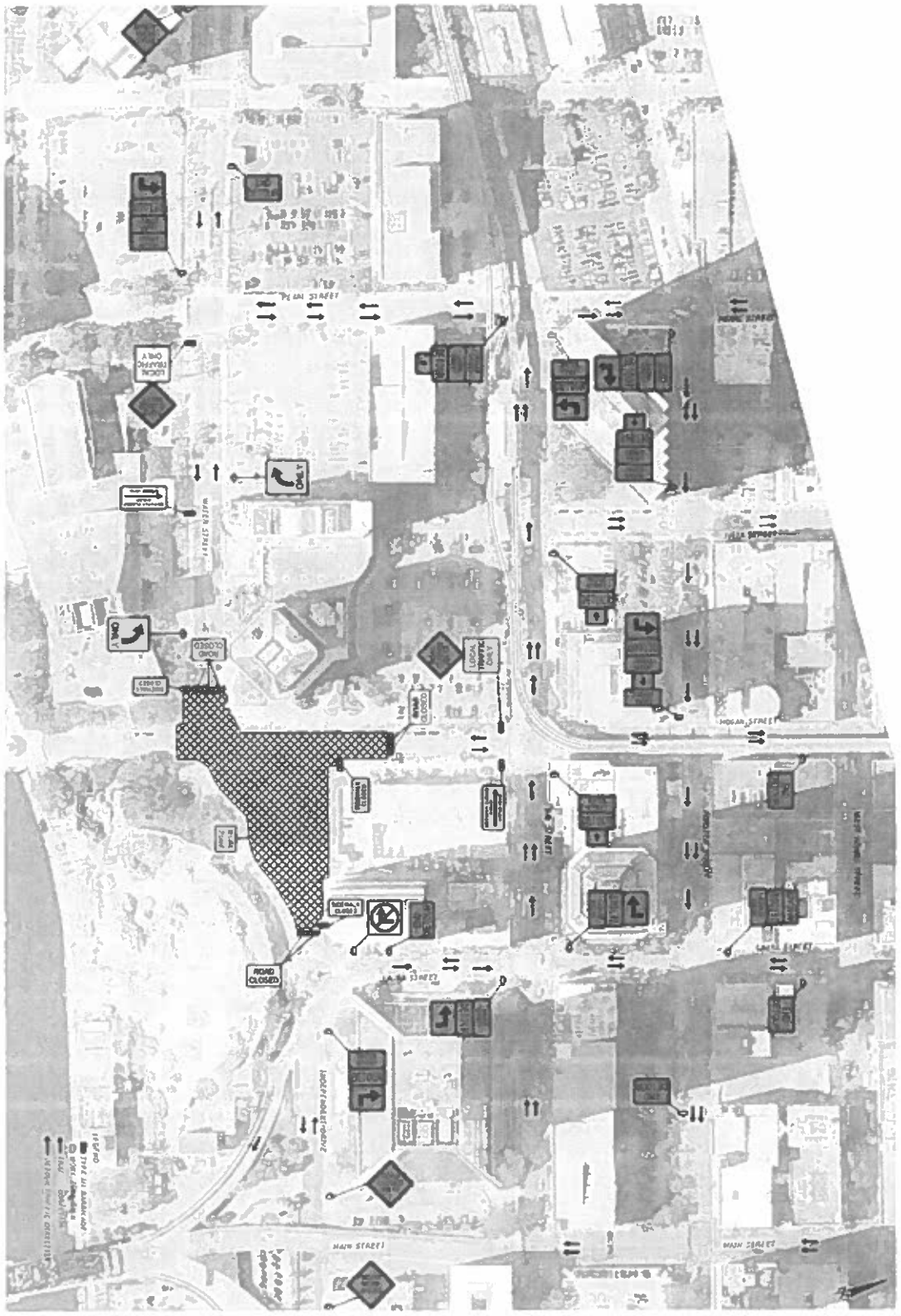

27	DETOUR PLAN	CITY OF JACKSONVILLE PUBLIC WORKS DEPT INDEPENDENT DRIVE REALIGNMENT JACKSONVILLE, FL	gai consultants transforming ideas into reality 10570 FLAGLER CENTER BLVD SUITE 202 JACKSONVILLE, FL 32258 (904) 363 1110

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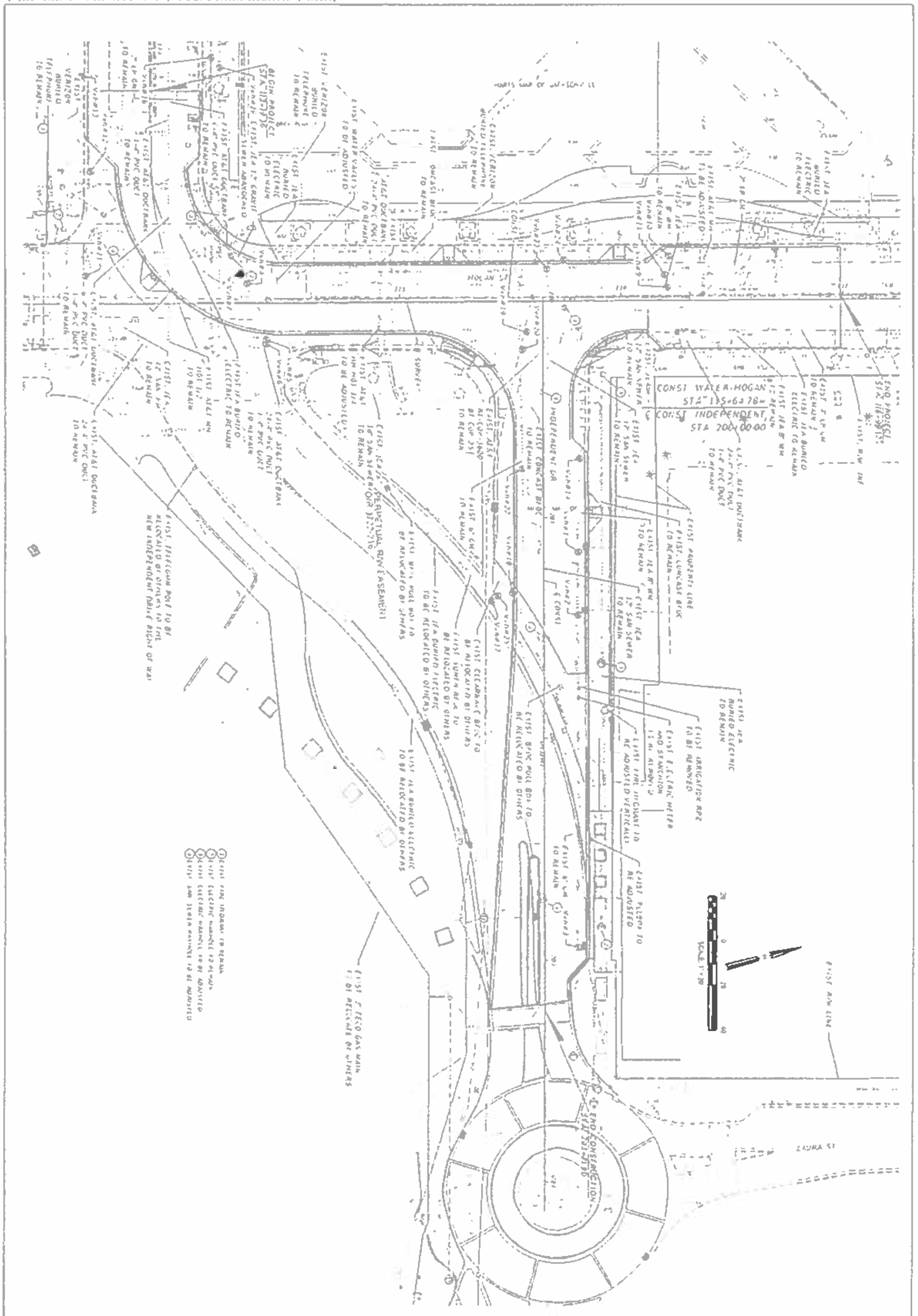

SHEET NO. 25	UTILITY ADJUSTMENTS	CITY OF JACKSONVILLE PUBLIC WORKS DEPT
		INDEPENDENT DRIVE REALIGNMENT
		JACKSONVILLE, FL

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JACKSONVILLE, FL 32258
(904) 363-1110

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SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	STATION (℄ and/or ℄)	OFFSET	LT/RT	EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
1	JEA, WATER	8"	CI	201+15.86	11.53'	LT	3.25'	1.39'	
2	JEA, WATER	8"	CI	201+44.21	11.37'	LT	3.46'	0.91'	
3	JEA, WATER	8"	BLUE PVC	202+84.39	10.93'	LT	3.59'	0.26'	
4	JEA, WATER	8"	CI	114+25.22	2.78'	LT	4.29'	2.44'	
5	AT&T, COMMUNICATIONS	1.5"x1.5	GRAY PE	114+38.47	19.64'	RT	4.39'	-0.26'	
6	UNKNOWN	(8) 4"	WHITE PVC	114+38.55	21.44'	RT	4.39'	0.49'	
7	TECO, GAS	6"	STEEL	114+20.47	5.51'	LT	4.24'	1.84'	
8									UNABLE TO LOCATE
9	JEA, WATER	8"	STEEL	116+16.66	4.14'	LT	4.81'	2.49'	
10	AT&T, COMMUNICATIONS	4"	WHITE PVC	116+17.56	18.18'	LT	4.43'	1.43'	
11	TECO, GAS	6"	STEEL	116+15.53	9.87'	LT	4.68'	1.32'	
12	AT&T, COMMUNICATIONS	2"	ORANGE PE	113+54.96	31.68'	RT	3.85'	0.95'	
13A	JEA, WATER	8"	CI	113+12.70	36.09	RT	4.32'	-1.18'	
13B	UNKNOWN	3"	GALVANIZED					3.69'	
13C	UNKNOWN	1"	GALVANIZED					3.42'	
14	JEA, WATER	8"	CI	200+73.18	12.26'	LT	3.93'	1.46'	
15									UNABLE TO VERIFY POSSIBLE VVH#26 10" WHITE PVC LINE
16A	AT&T, COMMUNICATIONS	2 2"x1 1	CONCRETE DUCT BANK	113+04.09	22.93'	LT	4.01'	0.64'	
16B	UNKNOWN	12"x12"	CONCRETE DUCT BANK					2.99'	
17	CLEARWAVE FIBER COMMUNICATIONS	(2) 1.5"	BLACK PE	201+37.64	27.49'	RT	4.41'	0.89'	
18	CLEARWAVE FIBER COMMUNICATIONS	(2) 1.5"	GRAY PE	201+34.15	18.21'	RT	4.17'	0.22'	
19A	AT&T, COMMUTATIONS	(24) 4"	BLUE PVC	115+53.37	15.73'	RT	4.65'	1.05'	
19B	TECO, GAS	6"	STEEL					1.65'	
20	TECO, GAS	6"	STEEL	115+51.07	23.90'	RT	4.42'	1.32'	
21	JEA, WATER	8"	CI	113+82.66	46.30'	RT	3.92'	0.15'	
22	TECO, GAS	6"	STEEL	200+77.91	13.61'	RT	3.67'	1.57'	
23A	AT&T, COMMUNICATIONS	2"	GRAY PE	115+62.54	12.67'	LT	4.51'	0.78'	
23B	UNKNOWN	2"	GALVANIZED					1.61'	
24A	UNKNOWN	4"	GALVANIZED	115+70.19	16.78'	LT	4.42'	1.32'	
24B	UNKNOWN	1"	GALVANIZED					0.67'	
25A	UNKNOWN	2"	GALVANIZED	201+35.18	25.01'	RT	4.53'	2.03'	
25B	UNKNOWN	(7) 1.75"	WHITE PVC					3.63'	IRRIGATION
25C	UNKNOWN	0.75"	WHITE PVC					3.76'	IRRIGATION
26A	UNKNOWN	10"	WHITE PVC	113+08.74	26.60'	LT	4.51'	1.74'	
26B	CLEARWAVE FIBER COMMUNICATIONS	1.25"	GRAY PVC					4.03'	

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SUITE 202
JACKSONVILLE, FL 32258
(904) 363-1110

REV	DESCRIPTION	DATE	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

SCALE AS SHOWN
DATE 5/18/2023
DRAWN LRO
CHECKED MB
APPROVED
PROJECT NO. R210597.01

SUMMARY OF VERIFIED UTILITIES

SHEET 26

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

EROSION AND SEDIMENTATION CONTROL NOTES

1. THE CONTRACTOR MUST IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND TO PREVENT VIOLATIONS OF THE WATER QUALITY CRITERIA AND STANDARDS IN CHAPTERS 62-4 AND 62-302 F.A.C. ALL EROSION/SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE GUIDELINES AND SPECIFICATIONS IN SECTION 6 OF THE FLORIDA LAND DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT (FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION 1988) AS WELL AS THE CITY OF JACKSONVILLE STANDARDS UNLESS A PROJECT-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN IS APPROVED BY THE WATER MANAGEMENT DISTRICT IN WHICH CASE THE PRACTICES MUST BE IN ACCORDANCE WITH THE PLAN IF SITE SPECIFIC CONDITIONS REQUIRE ADDITIONAL MEASURES DURING ANY PHASE OF CONSTRUCTION OR OPERATION TO PREVENT EROSION OR CONTROL SEDIMENT THE CONTRACTOR MUST IMPLEMENT THE NECESSARY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES

2. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED

3. THE LOCATION AND TYPE OF THE EROSION CONTROL MEASURES SHOWN ON THESE DRAWINGS ARE PROVIDED FOR GENERAL GUIDANCE TO THE CONTRACTOR. THE METHODS AND SEQUENCING OF CONSTRUCTION EMPLOYED BY THE CONTRACTOR MAY REQUIRE MORE OR LESS EROSION CONTROL MEASURES THAN THAT DEPICTED TO MAINTAIN ADEQUATE EROSION AND SEDIMENT CONTROL FOR THE CONSTRUCTION ACTIVITIES

4. EROSION TURBIDITY BARRIERS MUST BE INSTALLED AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SEDIMENT OR SUSPENDED SOLIDS TO ADJACENT PROPERTIES, JURISDICTIONAL WETLANDS AND/OR RECEIVING WATER BODIES EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST REMAIN IN PLACE AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. THEREAFTER THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE BARRIERS. THE CONTRACTOR SHALL MAINTAIN THE EROSION/TURBIDITY CONTROL BARRIERS DAILY. THE CONTRACTOR IS TOTALLY RESPONSIBLE FOR PROVIDING THE NECESSARY EROSION/TURBIDITY CONTROL FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY PENALTIES IMPOSED BY THE PERMITTING AGENCIES FOR ANY EROSION, SHOALING OR WATER QUALITY PROBLEMS RESULTANT TO CONSTRUCTION ACTIVITIES

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY EROSION, SEDIMENTATION, SHOALING OR WATER QUALITY PROBLEMS THAT RESULT FROM THE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL USE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL AS DESCRIBED IN THE FLORIDA LAND DEVELOPMENT MANUAL, A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEP 1988) AND/OR ACCORDING TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS FOR EROSION CONTROL APPLICATIONS AND ACCORDING TO THE CITY OF JACKSONVILLE STANDARDS AND THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTORS MANUAL

6. MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO INSURE THAT SEDIMENTATION AND/OR TURBIDITY PROBLEMS ARE NOT CREATED IN THE RECEIVING WATER

7. CONTRACTOR SHALL MAKE PROVISIONS TO AVOID TRACKING DIRT AND CONSTRUCTION DEBRIS ON THE ROADWAY BY TRUCK AND EQUIPMENT TIRES

8. SILT FENCE SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH CITY OF JACKSONVILLE, AND FDOT STANDARDS AND SPECIFICATIONS, AND THE CONTRACT DRAWINGS

9. CONTRACTOR SHALL MAKE CLOSED SECTIONS OF THE ROADS AND PERFORATED PIPE WITH FABRIC SOCK AS NECESSARY TO MAINTAIN WATER PASSAGE

10. CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL DURING INSTALLATION OF NEW CURBING AND DRIVEWAYS AS APPROVED BY THE ENGINEER

11. CONTRACTOR SHALL TAKE CARE TO KEEP EXPOSED AREAS TO A MINIMUM POSSIBLE TIME DURING CONSTRUCTION

12. DUST CONTROL MEASURES SHALL BE APPLIED TO REDUCE EROSION AS SHOWN ON THE PLANS, DETAIL SHEETS AND IN ACCORDANCE WITH FDOT, FDEP AND THE CITY OF JACKSONVILLE REGULATIONS FOR EROSION CONTROL. ASSUMES SEDIMENTING AND STORAGE OF MATERIALS SHOULD NOT BE LOCATED IN A MANNER TO IMPEDE FLOW OR CAUSE HARMFUL TO BE CARRIED BY STORMWATER RUNOFF

13. ALL TEMPORARY SEDIMENTATION CONTROL STRUCTURES AND FEATURES TO BE USED DURING CONSTRUCTION SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED IN AN EFFECTIVE CONDITION UNTIL SUCH TIME AS THE COMPLETION OF THE PERMANENT SYSTEM OR OTHER EROSION COVERAGE MEASURES CAN ASSURE ADEQUATE EROSION AND SEDIMENT CONTROL

EROSION CONTROL GENERAL NOTES	CITY OF JACKSONVILLE PUBLIC WORKS DEPT
	INDEPENDENT DRIVE REALIGNMENT
	JACKSONVILLE, FL.
SHEET IDENTIFICATION 27	

gai consultants
INFRASTRUCTURE, ENVIRONMENT, FACILITIES
1475 LAKESIDE CENTER BLVD
SUITE 200
JACKSONVILLE FL 32256
(904) 463-3310

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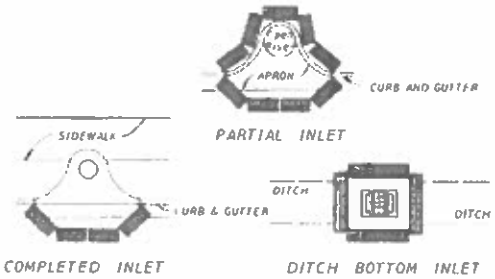
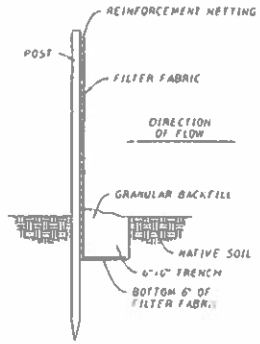


NOTES

1. ANCHOR SYNTHETIC BALES WITH 2 - 2" x 2" x 4' STAKES PER BALE.

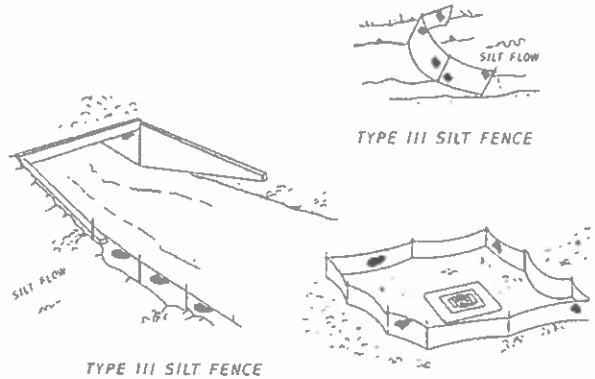
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

SCALE: NTS



SILT BARRIER DETAIL

SCALE: NTS

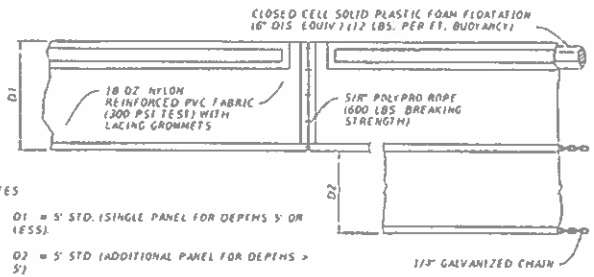


NOTES:

1. DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS

SCALE: NTS

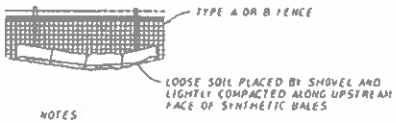


NOTES

1. D1 = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
2. D2 = 5' STD (ADDITIONAL PANEL FOR DEPTHS > 5')
3. CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS OTHERWISE SPECIFIED IN THE CONSTRUCTION PLANS OR AS DIRECTED BY THE ENGINEER
4. USE TURBIDITY BARRIER AS APPLICABLE TO FIELD WORK.

TURBIDITY BARRIER

SCALE: NTS

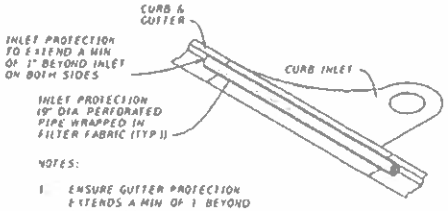


NOTES

1. SYNTHETIC BALES TO BE STACKED AT THE DIRECTION OF THE ENGINEER

SYNTHETIC BALES BACKED BY FENCE

SCALE: NTS



NOTES:

1. ENSURE GUTTER PROTECTION EXTENDS A MIN OF 1' BEYOND CURB INLET.

INLET PROTECTION

SCALE: NTS

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

EROSION CONTROL DETAILS

SHEET 28

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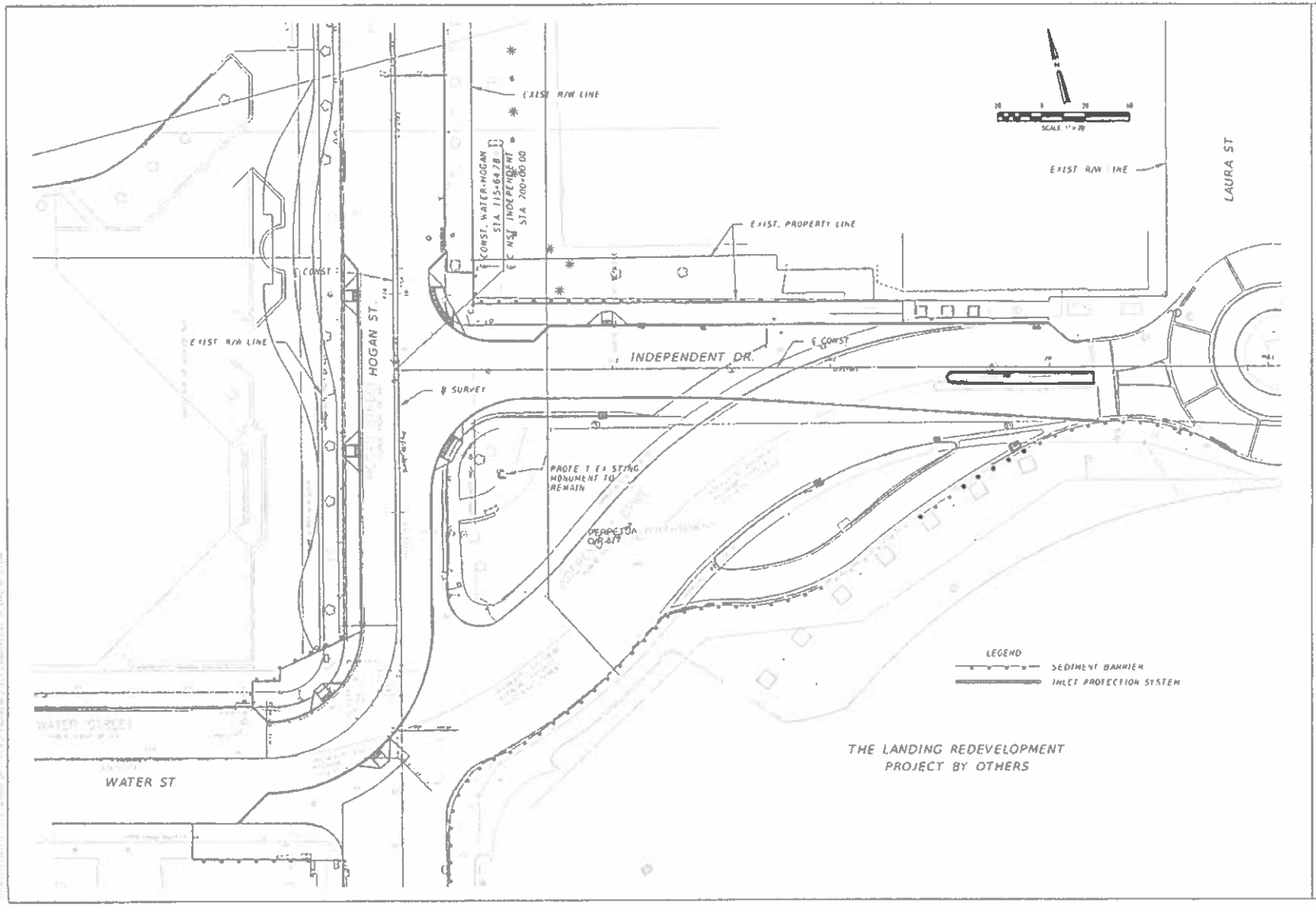

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

EROSION CONTROL PLAN

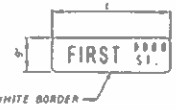
29

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 2009 EDITION) AND AS SPECIFIED BY THE MUTCD 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 634-7-12 RECTANGULAR RAPID FLASHING BEACON ASSEMBLY SHALL BE CARMANAH R920-F-HUB, STREET HUB WITH AI GLANCE REMOTE ACCESS MONITORING

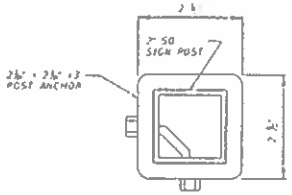
PAVEMENT MARKING NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN ON THE PLANS AND DETAIL SHEETS AND PER FDOT 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 30 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

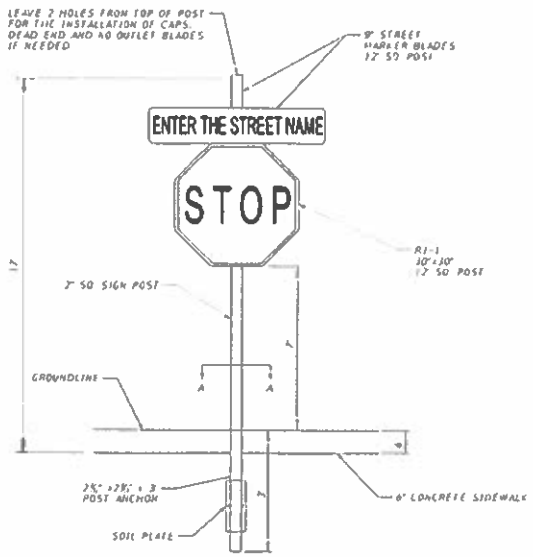


CITY OF JACKSONVILLE
STOP SIGN MOUNTED STREET NAME SIGN DETAILS

1. STREET NAME TO BE 6" T2000 (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 E C FILM 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

gai consultants
TRANSPORTATION ENGINEERS • PLANNERS
32534 FUNGER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32256
PHONE (904) 1138

NO.	DATE	REVISIONS	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL.

SIGNING AND PAVEMENT MARKING GENERAL NOTES

SHEET IDENTIFICATION
30

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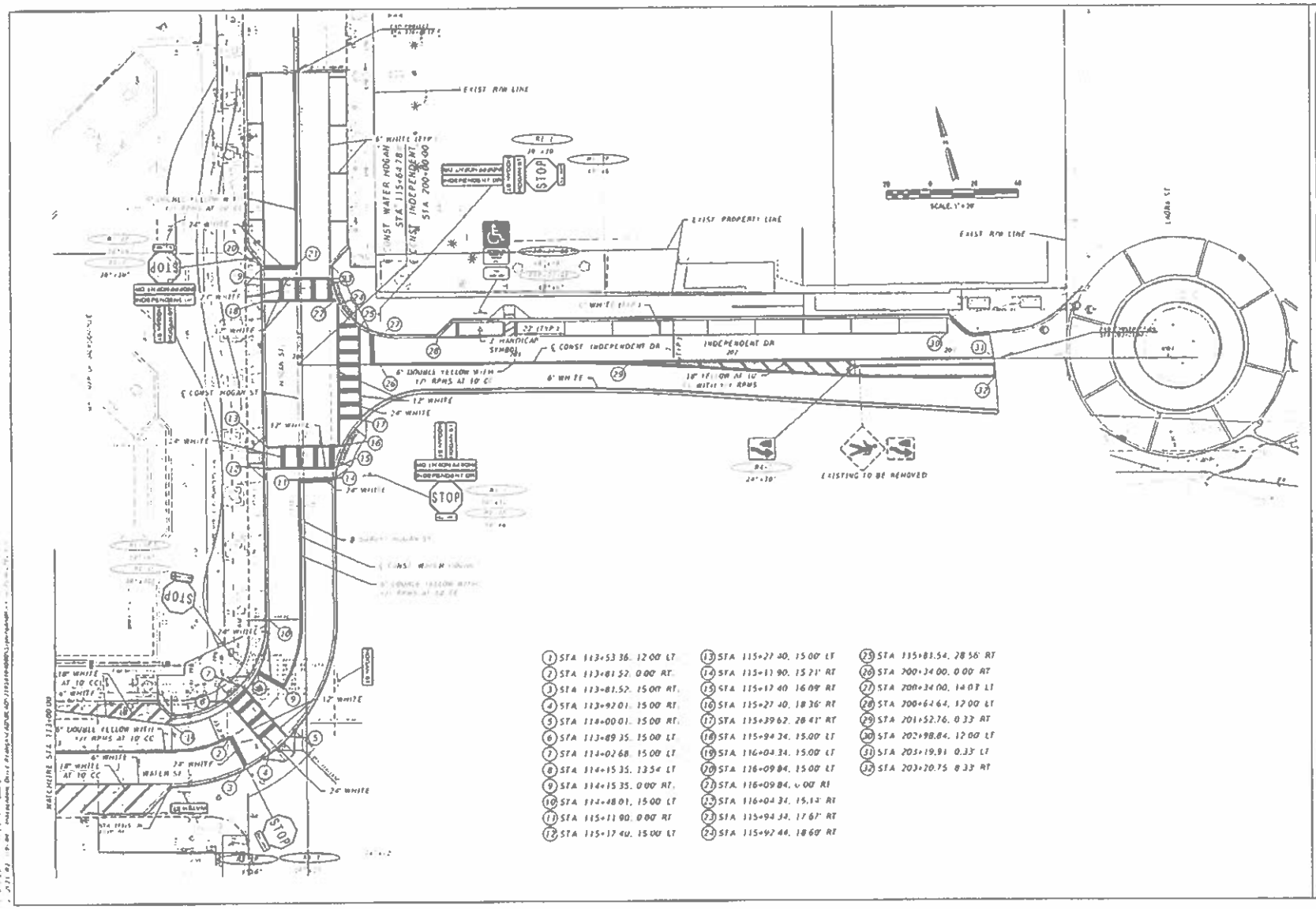

1. STA 113+53.36, 12.00' LT
2. STA 113+81.52, 0.00' RT.
3. STA 113+81.52, 15.00' RT.
4. STA 113+92.01, 15.00' RT.
5. STA 114+00.01, 15.00' RT.
6. STA 113+89.35, 15.00' LT.
7. STA 113+02.68, 15.00' LT.
8. STA 114+15.35, 13.54' LT
9. STA 114+15.35, 0.00' RT.
10. STA 114+48.01, 15.00' LT
11. STA 115+11.90, 0.00' RT
12. STA 115+17.40, 15.00' LT
13. STA 115+27.40, 15.00' LT
14. STA 115+11.90, 15.21' RT
15. STA 115+17.40, 16.09' RT
16. STA 115+27.40, 18.36' RT
17. STA 115+39.62, 28.41' RT
18. STA 115+94.34, 15.00' LT
19. STA 116+04.34, 15.00' LT
20. STA 116+09.84, 15.00' LT
21. STA 116+09.84, 0.00' RT
22. STA 116+04.34, 15.13' RT
23. STA 115+94.33, 17.67' RT
24. STA 115+92.44, 18.60' RT
25. STA 115+83.54, 28.56' RT
26. STA 200+34.00, 0.00' RT
27. STA 200+34.00, 14.03' LT
28. STA 200+64.64, 12.00' LT
29. STA 201+52.76, 0.33' RT
30. STA 202+98.84, 12.00' LT
31. STA 203+19.91, 0.33' LT
32. STA 203+20.75, 0.33' RT

gai consultants

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

SIGNING AND PAVEMENT MARKING PLAN

SHEET IDENTIFICATION 31

SHEET 22	SIGNING AND PAVEMENT MARKING PLAN	CITY OF JACKSONVILLE PUBLIC WORKS DEPT INDEPENDENT DRIVE REALIGNMENT JACKSONVILLE, FL	gai consultants transforming ideas into reality 12574 FLAGLER CENTER BLVD SUITE 202 JACKSONVILLE, FL 32258 (904) 363-1130

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

LIGHTING GENERAL NOTES:

1. ALL LIGHTING AND ELECTRICAL COMPONENTS INSTALLED SHALL MEET JEA'S MINIMUM REQUIREMENTS AS PROVIDED IN JEA STANDARDS FOR BUILDING AND MATERIALS
2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNER(S) AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERGROUND UTILITIES EXIST. BEFORE EXCAVATING THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNER(S) AND REQUEST THEM TO LOCATE AND STAKE THEIR UNDERGROUND FACILITIES
3. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. USE PULLING CORD PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN RECOMMENDED BY N.E.C. OR N.E.S.C. FOR CABLE USED.
4. 2" CONDUITS TO BE INSTALLED WITH 30 INCH MINIMUM COVERS, 36 INCH MAXIMUM FROM FINAL GRADE TO TOP OF CONDUIT. ELECTRICAL MARKING TAPE (WARNING TAPE) TO BE INSTALLED PER JEA STANDARDS FOR TRENCHED CONDUIT.
5. ALL CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. THE CONTRACTOR SHALL NOT OPEN ANY AREA THAT CANNOT BE BACKFILLED IN THE SAME DAY/NIGHT OPERATION
6. ALL SPLICES SHALL BE MADE IN PULL BOXES ONLY WITH COMPRESSION SLEEVES OR SPLIT BOLT CONNECTORS, PROPERLY SLEEVED AND WATERPROOFED.
7. SPLICES AND CONNECTIONS MADE IN PULL BOXES SHALL BE LIMITED TO THE SERVICE POINT AND CONDUIT JUNCTION WITH MULTI-DIRECTIONAL CONDUITS AS INDICATED ON PLANS. THE CONNECTIONS MADE AT THESE POINTS SHOULD BE PROPERLY TAPED AND HEAT SHRINK TUBES OR CAPS SHALL BE USED TO WATERPROOF THESE CONNECTIONS
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING VERTICALLY AND HORIZONTALLY (VVH) EXISTING UTILITIES PRIOR TO EXCAVATIONS AND/OR BORES AT THE DIRECTION OF THE ENGINEER. THIS SHOULD BE PERFORMED USING VACUUM EXCAVATION OR COMPARABLE NON-DESTRUCTIVE EQUIPMENT. ALL RIGHTS-OF-WAY SHALL BE RESTORED TO THE CONDITION WHICH EXISTED PRIOR TO THE BORE. THIS WILL BE INCLUDED IN THE COST OF THE BORE.
9. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
10. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND NATIONAL ELECTRICAL SAFETY CODE
11. THE CONTRACTOR SHALL NOTIFY JEA ELECTRIC AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 10 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. JEA ELECTRIC, AT ITS OPTION, SHALL ASSIST THE CITY CONTRACTOR, COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE, OR TAKE OTHER SAFETY PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS
12. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN TWO (2) FEET OF LIGHTING FOUNDATIONS AND/OR CONDUIT RUN(S), AS DETERMINED BY THE ENGINEER, THE CONTRACTOR WILL HAND DIG THE FIRST FOUR (4) FEET OF THE HOLE FOR THE POLE FOUNDATION AND/OR THE CONDUIT RUN(S)
13. MOUNTING HEIGHTS ARE DETERMINED FROM THE BOTTOM OF THE LUMINAIRE VERTICALLY TO THE PAVEMENT OR SIDEWALK GRADE.
14. TEMPORARY LIGHTING SHALL BE PROVIDED DURING ALL PHASES OF CONSTRUCTION, EITHER BY USING THE EXISTING LIGHTING WHERE PRACTICAL, INCLUDING MAINTAINING UNDERGROUND ELECTRIC SERVICE. TEMPORARY OVERHEAD POWER SERVICE WIRE MAY BE USED WHERE UNDERGROUND SERVICE IS INTERRUPTED. PROVIDE ANY NEW POLES NECESSARY TO MINIMIZE SERVICE WIRE SAG. THE CONTRACTOR MAY ELECT TO PROVIDE NEW TEMPORARY LIGHTING WHEN THE ROADWAY CONSTRUCTION AFFECTS THE EXISTING LIGHTING. EXISTING ILLUMINATION LEVELS SHALL BE MAINTAINED BY THE ELECTRICAL CONTRACTOR DURING ALL PHASES OF CONSTRUCTION. PORTABLE GENERATOR-OPERATED LIGHTS ARE NOT ACCEPTABLE FOR USE AS TEMPORARY LIGHTING
15. CONTRACTOR MAY FIELD ADJUST LIGHT POLES WITHIN A 2 FT. RADIUS OF PLAN LOCATIONS TO MINIMIZE AND AVOID UTILITY CONFLICTS. PULLBOXES ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY AND MAY BE FIELD ADJUSTED AS NEEDED

SHEET IDENTIFICATION 33

LIGHTING GENERAL NOTES

CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL.

SCALE: AS SHOWN
DATE: 5.16.2023
DRAWN: JAD | CHECKED: WB
APPROVED:
PROJECT NO: R210547.01

REV	DESCRIPTION	DATE	BY

gai consultants
transforming ideas into reality
12574 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(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.

POLE DATA

POLE NO.	CIRCUIT	STATION	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK	IES DISTR.	COLOR TEMP (CCT)	POLE TYPE
01	A	114+45 ℄ Water-Hogan	N/A	100	16'	14' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
02	A	115+09 ℄ Water-Hogan	N/A	100	16'	15' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
03	A	201+26 ℄ Independent	N/A	100	16'	11' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
04	A	202+26 ℄ Independent	N/A	100	16'	8' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
05	A	203+14 ℄ Independent	N/A	100	16'	6' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
06	A	200+44 ℄ Independent	N/A	100	16'	10' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light
07	A	201+74 ℄ Independent	N/A	100	16'	4' FROM FOC	TYPE III	4000K	JEA standard LED double decorative acorn pedestrian light

LIGHTING DESIGN CRITERIA

Std. Average Initial Intensity	1.5 Foot Candles
Uniformity Ratio Avg./Min.	4:1 Or Less
Max./Min.	10:1 Or Less

LIGHTING LEGEND

SYMBOLS	DESCRIPTION
	JEA standard pedestrian light LDDA01 double decorative acorn luminaire wired for 120 volt operation. Design luminaire curve used: GVD3 P50 40K XXXX CL3. Pole mounted on JEA precast concrete anchor base style ANCBASE6
	Existing luminaire, see plans for construction notes.
	Direct buried 3" Schedule 40 PVC conduit with #10 AL triplex conductors in 5 ft
	JEA Service Box Item BOXSE001*0 containing two (2) USS*500B Buss Connectors, one (1) USTS1 Fuse. 3" conduit for secondary bus. 1" conduit for connection to light pole and #12-2 wire conductor for luminaire

gai consultants
transforming ideas into reality
12321 Gateway Park Way
Suite 200
Jacksonville, FL 32256
(904) 363-1330

REV.	DATE	DESCRIPTION	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL

LIGHTING POLE DATA

SHEET IDENTIFICATION 34

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END PROJECT
STA. 118+99.12

EXIST R/W LINE

NOTE EXISTING LIGHT FIXTURE AND EQUIPMENT TO BE REMOVED TO BE PROVIDED TO THE CITY BY THE CONTRACTOR FOR FUTURE MAINTENANCE USE

EXISTING LIGHT TO REMAIN

EXISTING LIGHT TO REMAIN

EXISTING LIGHT TO REMAIN

EXISTING LIGHT TO REMAIN

EXISTING LIGHT TO REMAIN

EXISTING LIGHTS ON MAST ARM TO BE REMOVED

BEGIN PROJECT
STA. 113+19.36

WATER ST

HOGAN ST

CONST WATER-HOGAN
STA 115+64.78

CONST. INDEPENDENT
STA 200+00.00

℄ CONST

℄ SURVEY

CONNECT TO EXISTING JEA UG ELECTRICAL SERVICE

EXISTING LIGHT TO BE REMOVED

EXIST. PROPERTY LINE

STA. 201+74
POLE NO 07 CKT A

EXISTING LIGHT TO BE REMOVED

EXISTING LIGHT TO REMAIN

INDEPENDENT DR

℄ CONST.

STA 200+44
POLE NO 06 CKT A

EXISTING LIGHT TO BE REMOVED

END CONSTRUCTION
STA 203+71.90

STA 201+26
POLE NO 03 CKT A

STA 115+09
POLE NO 02 CKT A

EXISTING LIGHT TO BE REMOVED

EXISTING LIGHT TO BE REMOVED

STA 202+26
POLE NO 04 CKT A

STA. 203+14
POLE NO 05 CKT A

STA 113+[illegible]
POLE NO 01 CKT A

S LAURA ST

0 10 40
Feet

N

THE LANDING REDEVELOPMENT
PROJECT BY OTHERS

gai consultants
ENGINEERING ENVIRONMENTAL
7: 41 AGER CENTER BLVD
SUITE 203
JACKSONVILLE, FL 32256
PHONE (904) 281-1110

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE
REALIGNMENT
JACKSONVILLE, FL.

LIGHTING PLAN

SHEET IDENTIFICATION
35

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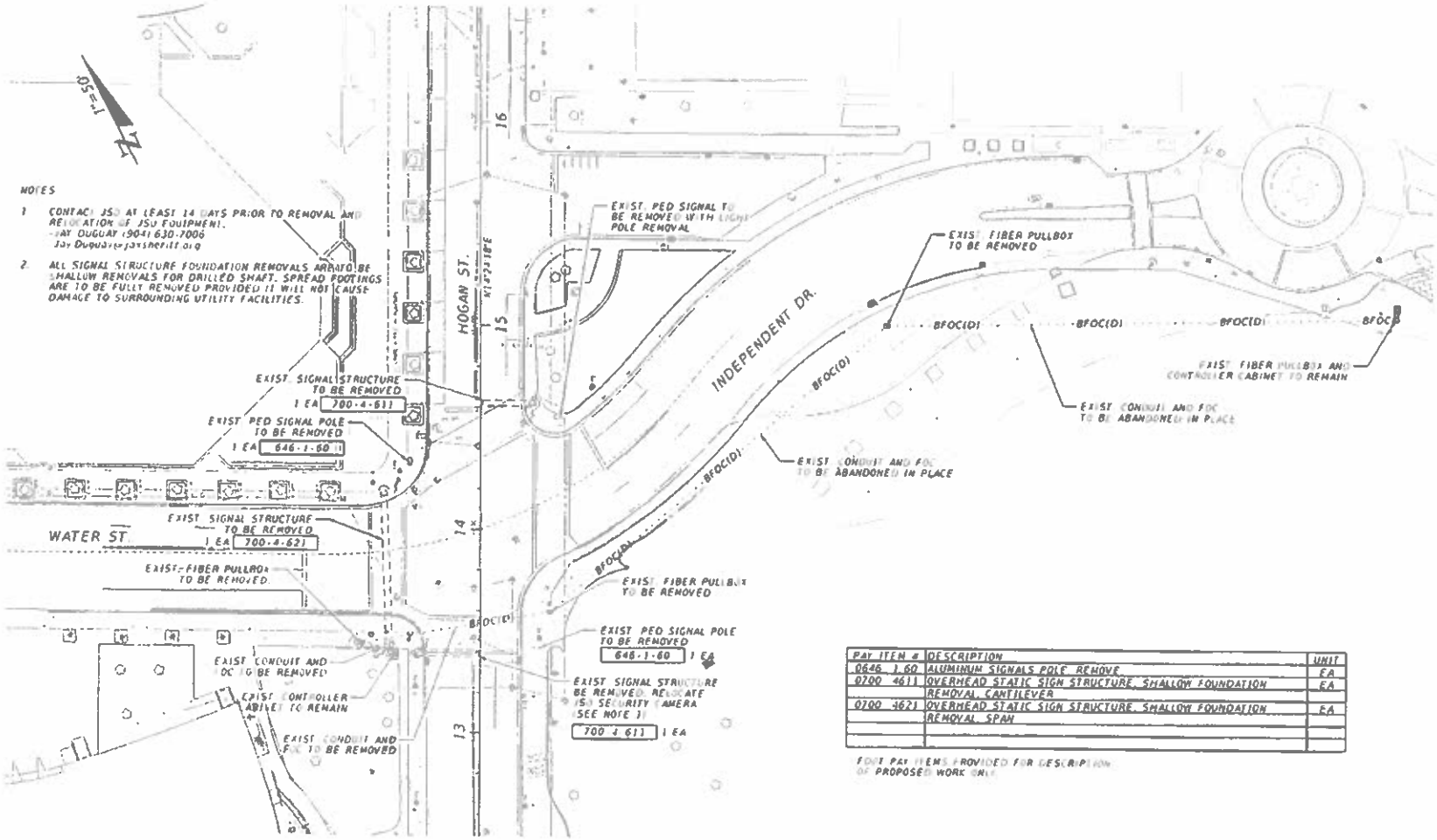
EXHIBIT R-1

NOTES

1. CONTACT JSO AT LEAST 14 DAYS PRIOR TO REMOVAL AND RELOCATION OF JSO EQUIPMENT.
   - JAY DUGUAY (904) 630-7006
   - JSO DUGUAY@JAXSHERIFF.ORG
2. ALL SIGNAL STRUCTURE FOUNDATION REMOVALS ARE TO BE SHALLOW REMOVALS FOR DRILLED SHAFT. SPREAD FOOTINGS ARE TO BE FULLY REMOVED PROVIDED IT WILL NOT CAUSE DAMAGE TO SURROUNDING UTILITY FACILITIES.



PAY ITEM #	DESCRIPTION	UNIT
0646-1-60	ALUMINUM SIGNALS POLE REMOVE	EA
0700-4611	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, CANTILEVER	EA
0700-4621	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, SPAN	EA

FDOT PAY ITEMS PROVIDED FOR DESCRIPTION OF PROPOSED WORK ONLY

gai consultants

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

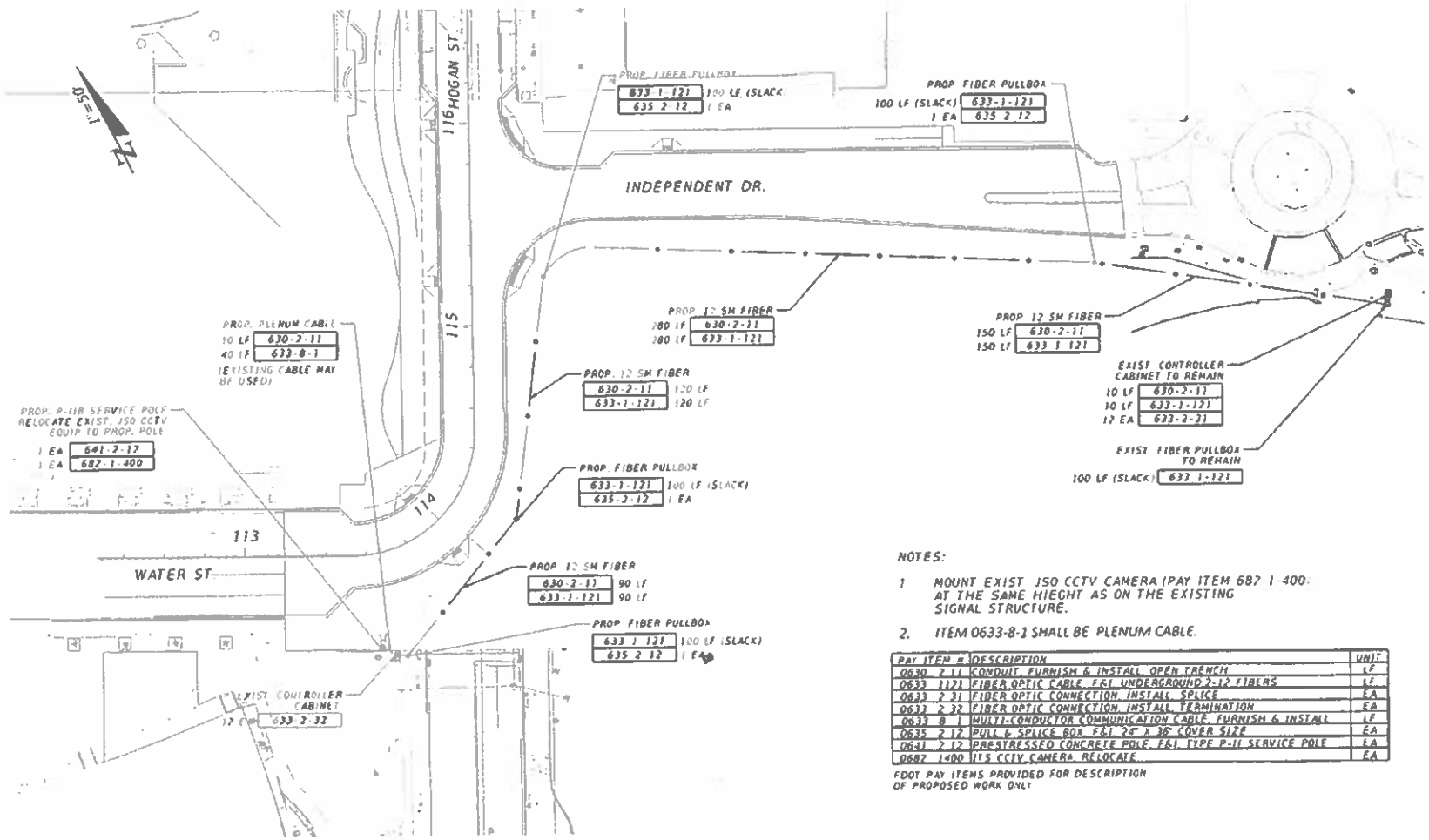
JACKSONVILLE, FL

SIGNALIZATION REMOVAL PLAN

SHEET NUMBER 36

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED

EXHIBIT R-1



NOTES:

1. MOUNT EXIST. JSO CCTV CAMERA (PAY ITEM 682-1-400) AT THE SAME HIEGHT AS ON THE EXISTING SIGNAL STRUCTURE.
2. ITEM 0633-8-1 SHALL BE PLENUM CABLE.

PAY ITEM #	DESCRIPTION	UNIT
0630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF
0633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND 2-12 FIBERS	LF
0633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA
0633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA
0633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF
0635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA
0641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA
0682-1-400	ITS CCTV CAMERA, RELOCATE	EA

FDOT PAY ITEMS PROVIDED FOR DESCRIPTION OF PROPOSED WORK ONLY

gai consultants
123 N. HOGAN/ JEFFERSON STREET
JACKSONVILLE, FL 32202
(904) 353-1310

CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL

INTERCONNECT PLAN

SHEET 10 OF INTERSECTION
37

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EXHIBIT R-1

GENERAL NOTES:

1. Work these Index Sheets with the Strain Pole Schedule in the Plans. See Index 634-001 for corresponding signal cable and span wire installation details.

2. Shop Drawings:

   This Index is considered fully detailed and no shop drawing are necessary. Submit shop drawings only for minor modifications not detailed in the Plans.

3. Materials:

A. Concrete:	Class V with 4 ksi minimum strength at transfer or Class VI with 6.5 ksi minimum strength at transfer
B. Prestress Strands & Spiral Reinforcing:	Specification 641
C. Hand and coupler cover plates:	Non-corrosive material
D. Screws:	Round headed, chrome plated

4. Fabrication

   A. Pole Total Taper shown is for pole width, strands, reinforcing and void (0.081 in/ft per face)
   B. Concrete Cover: 1" minimum.
   C. Spiral Reinforcing: Place as shown, and add one turn for splices and two turns at both the tip and butt ends of the pole.
   D. The design dimensions for Front Face (FF) and Back Face (BF) of the poles may vary transversely from the section shown by ± ¼" to assist with removal from forms. Balance addition and subtraction of the face widths to maintain section areas shown.
   E. Tie ground wires to the interior of reinforcing steel to prevent displacement during concreting operations.
   F. Cut the tip end of the prestressed strand either first or simultaneously with the butt end.
   G. Provide cover plates and screws for hand hole and couplers. Attach cover plates to the poles using lead anchors or embedded threaded inserts.
   H. Provide Aluminum Identification Tag on the pole with the following information:

      a. Financial Project ID
      b. Pole Manufacturer
      c. Standard Pole Type Number
      d. Pole Length (L)

5. Support Points:
   Support Points shown may vary within a tolerance of ±3".

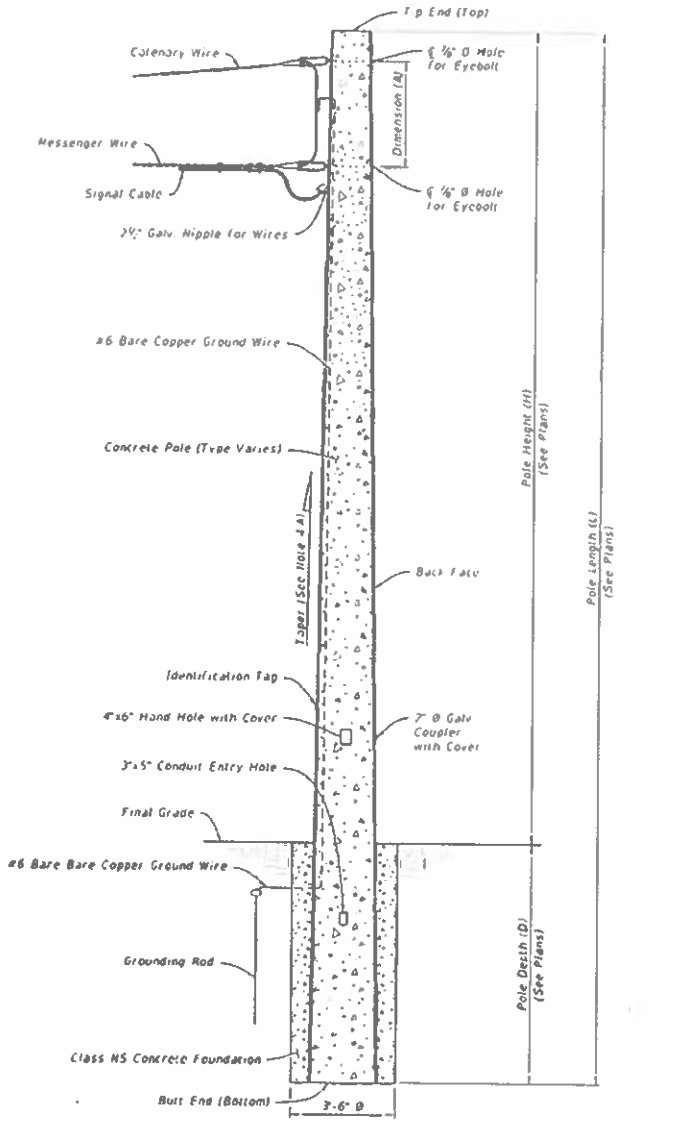
   Horizontal Pole Support Points shown are for strand release, storage, handling and transport of the horizontal pole. Keep Back Face oriented downward until final erection.

6. Two point attachment: Provide an eye bolt hole for the messenger wire.

7. Tether Wire: When required, field drill the eyebolt hole prior to installation.

TABLE OF CONTENTS:

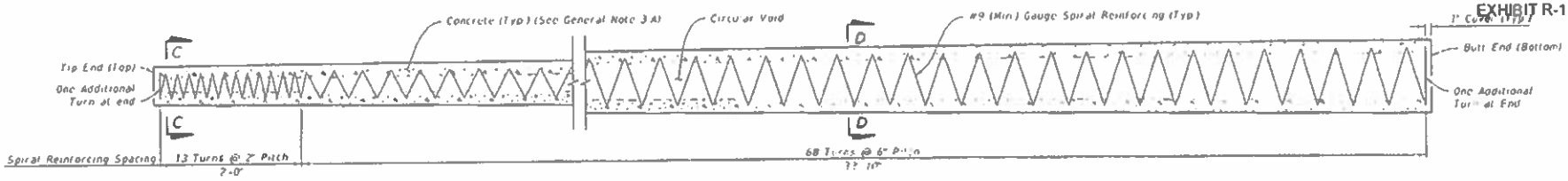
Sheet	Description
1	General Notes and Contents
2	Service Pole - Type P-IIA (12 Ft.)
3	Service Pole - Type P-IIB (36 Ft.)
4	Pedestal Pole - Type P-IIC (12 Ft.)
5	Pedestal Pole - Type P-IID (16 Ft.)
6	Pole - Type P-III
7	Strain Pole - Type P-IV
8	Strain Pole - Type P-V
9	Strain Pole - Type P-VI
10	Strain Pole - Type P-VII
11	Strain Pole - Type P-VIII



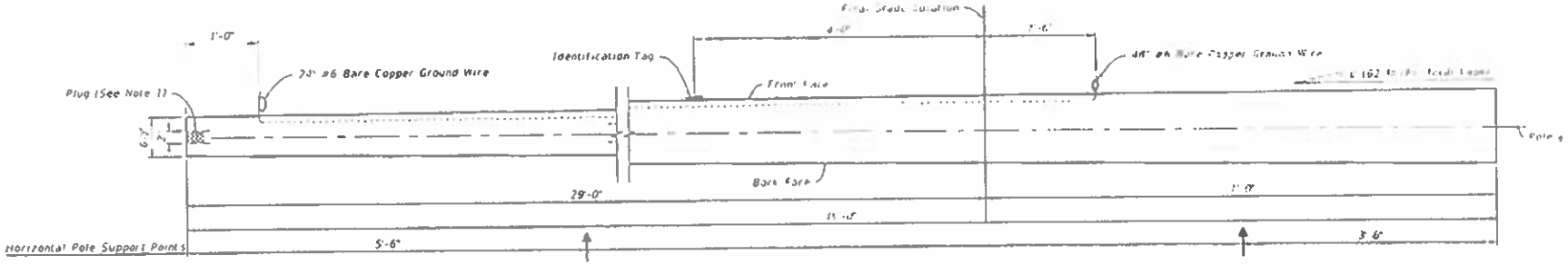
CONCRETE POLE ASSEMBLY
(Type P-VII Shown, Others Similar)

LAST REVISION	REVISION	DESCRIPTION			INDEX	SHEET
11/01/22			FDOT FY 2023-24 STANDARD PLANS	CONCRETE POLES	641-010	1 of 11

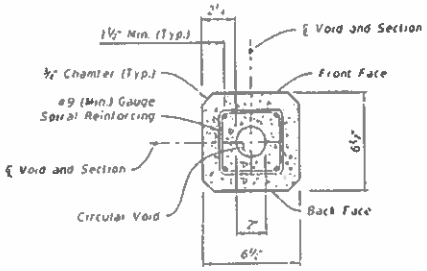
EXHIBIT R-1



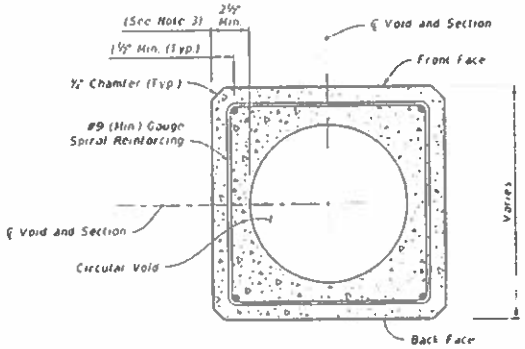
SPIRAL REINFORCING ELEVATION
(Strands and Fixtures Not Shown)



POLE ELEVATION
(Strands and Reinforcing Not Shown)



SECTION C-C (Tip End)



SECTION D-D (Typical Square Section)

NOTES:

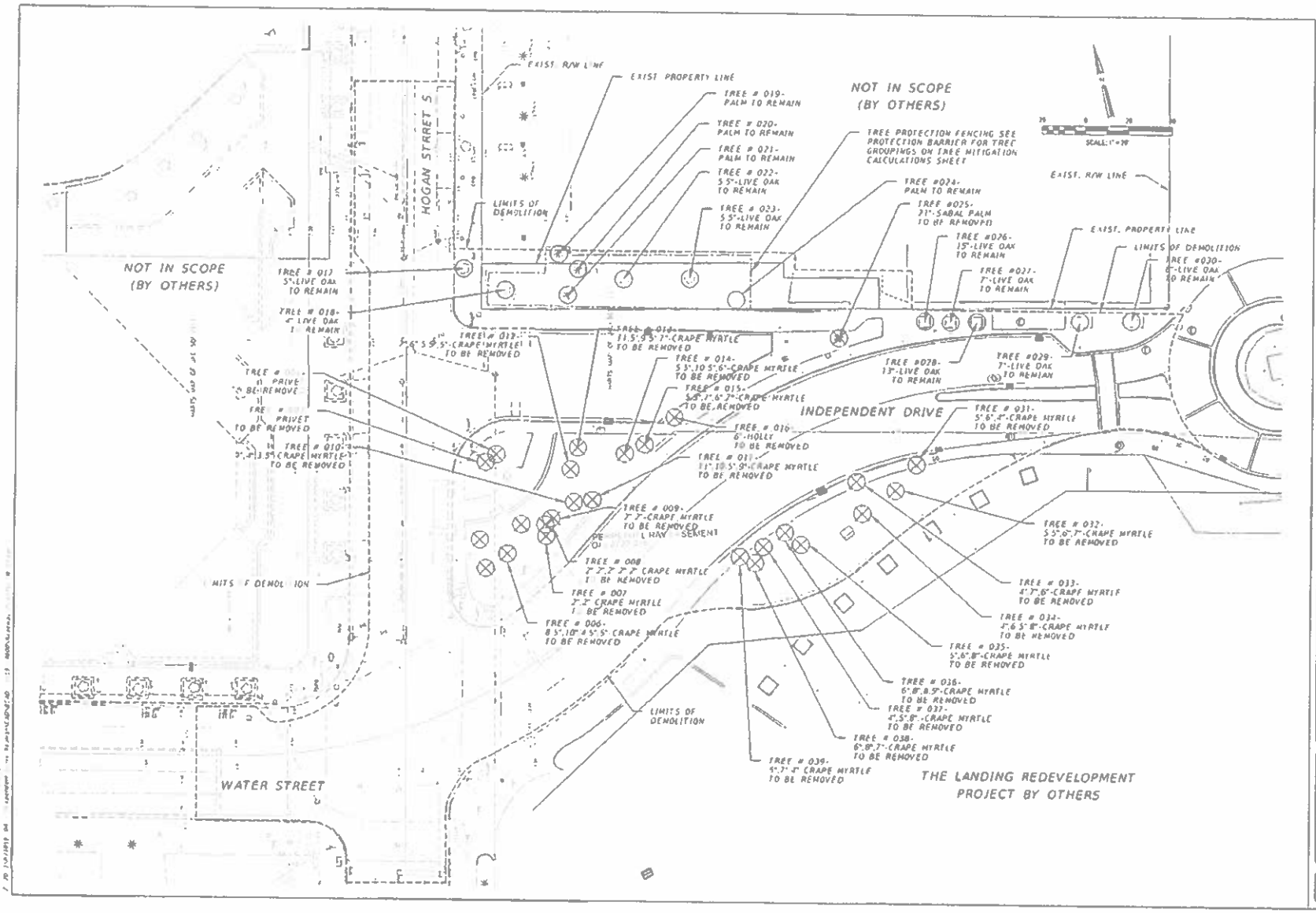
1. Provide a minimum 3" concrete plug at the Tip End.
2. [illegible] attachment locates a distance of 13 feet from the Tip End.
3. [illegible] shallow cracks of normal shrinkage [illegible] The maximum [illegible] diameter [illegible]
4. Strands shown are continuous from Tip End to Butt End.
5. Strands are not shown in the [illegible]

LEGEND:

- Prestressed Strand
  0.5 in. — 24 kips [illegible]
  0.335 in. — 12 kips [illegible]
  (4 strands total)

SERVICE POLE TYPE P-IIB (36 Ft.)

LAST REVISION	REVISION	DESCRIPTION			INDEX	SHEET
11/01/22			FDOT FY 2023-24 STANDARD PLANS	CONCRETE POLES	641-010	3 of 11


NOT IN SCOPE
(BY OTHERS)
HOGAN STREET S
EXIST. R/W LINE
EXIST. PROPERTY LINE
TREE # 019-
PALM TO REMAIN
TREE # 020-
PALM TO REMAIN
TREE # 021-
PALM TO REMAIN
TREE # 022-
5 5"-LIVE OAK
TO REMAIN
TREE # 023-
5 5"-LIVE OAK
TO REMAIN
LIMITS OF
DEMOLITION
TREE PROTECTION FENCING SEE
PROTECTION BARRIER FOR TREE
GROUPINGS ON TREE MITIGATION
CALCULATIONS SHEET
TREE #024-
PALM TO REMAIN
TREE #025-
21"-SABAL PALM
TO BE REMOVED
TREE #026-
15"-LIVE OAK
TO REMAIN
TREE #027-
7"-LIVE OAK
TO REMAIN
EXIST. R/W LINE
EXIST. PROPERTY LINE
LIMITS OF DEMOLITION
TREE #030-
6"-LIVE OAK
TO REMAIN
SCALE: 1"=20'
NOT IN SCOPE
(BY OTHERS)
TREE # 017
5"-LIVE OAK
TO REMAIN
TREE # 018-
6"-LIVE OAK
TO REMAIN
TREE # 012-
6" 5 5" 5"-CRAPE MYRTLE
TO BE REMOVED
TREE # 013-
11 5" 5 5" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 014-
5 5" 10 5" 6"-CRAPE MYRTLE
TO BE REMOVED
TREE # 015-
5" 8" 7" 6" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 016-
6"-HOLLY
TO BE REMOVED
TREE # 011-
11" 10 5" 9"-CRAPE MYRTLE
TO BE REMOVED
TREE # 010-
9" 13 5"-CRAPE MYRTLE
TO BE REMOVED
TREE # 009-
7" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 008
7" 7" 7" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 007
7" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 006-
8 5" 10" 4 5" 5"-CRAPE MYRTLE
TO BE REMOVED
INDEPENDENT DRIVE
TREE #028-
13"-LIVE OAK
TO REMAIN
TREE #029-
7"-LIVE OAK
TO REMAIN
TREE # 031-
5" 6" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 032-
5 5" 6" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 033-
4" 7" 6"-CRAPE MYRTLE
TO BE REMOVED
TREE # 034-
4" 6 5" 8"-CRAPE MYRTLE
TO BE REMOVED
TREE # 035-
5" 6" 8"-CRAPE MYRTLE
TO BE REMOVED
TREE # 036-
6" 8" 8 5"-CRAPE MYRTLE
TO BE REMOVED
TREE # 037-
4" 5" 8"-CRAPE MYRTLE
TO BE REMOVED
TREE # 038-
6" 8" 7"-CRAPE MYRTLE
TO BE REMOVED
TREE # 039-
5" 7" 8"-CRAPE MYRTLE
TO BE REMOVED
LIMITS OF
DEMOLITION
WATER STREET
THE LANDING REDEVELOPMENT
PROJECT BY OTHERS
bai consultants
TREE
MITIGATION
PLAN
CITY OF JACKSONVILLE PUBLIC WORKS DEPT.
INDEPENDENT DRIVE
REALIGNMENT
JACKSONVILLE, FL.
38
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TREE REMOVAL DATA-C.O.J INDEPENDENT DR.

Tree Number	DBH	Tree Species: Botanical Name	Tree Species: Common Name	Status/Condition	Protected by Tree Ordinance (Chapter 656): Live Oak 6" or Greater	Protected by Tree Ordinance (Chapter 656): Hardwood Exceptional Specimen (Table)	Protected by Tree Ordinance (Chapter 656): Hardwood Tree 16" to <23.5"	Protected by Tree Ordinance (Chapter 656): Sabal Palm 8" or Greater
001	-	LIGUSTRUM	PRIVET	REMOVE	-	-	-	-
002	-	LIGUSTRUM	PRIVET	REMOVE	-	-	-	-
003	23.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
004	19.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
005	21.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
006	19	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
007	6	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
008	10	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
009	6	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
010	11.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
011	20.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
012	20.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
013	20	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
014	23	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
015	23.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
016	6	ILEX	HOLLY	REMOVE	-	-	6	-
017	5	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
018	6	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
019	-	PALM	PALM	REMAIN	-	-	-	-
020	-	PALM	PALM	REMAIN	-	-	-	-
021	-	PALM	PALM	REMAIN	-	-	-	-
022	3.5	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
023	3.5	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
024	-	PALM	PALM	REMAIN	-	-	-	-
025	29	SABAL	PALM	REMOVE	-	-	-	21
026	15	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
027	7	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
028	13	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
029	7	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
030	8	QUERCUS SSP	LIVE OAK	REMAIN	-	-	-	-
031	10	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
032	10.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
033	11	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
034	10.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
035	19	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
036	22.5	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
037	17	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
038	22	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
039	16	LAGERSTROEMIA	CRAPE MYRTLE	REMOVE	-	-	-	-
				TOTAL INCHES	0	0	6	21

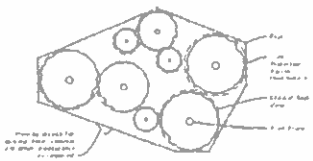
Tree Ordinance Mitigation Calculation

Tree Removal	Recorded Inches	Mitigation Ratio	Replacement Inches Required
Live Oak 6" or Greater	0.0	1:1	0
Total Live Oak Replacement Inches Required			0
Hardwood Exceptional Specimen (Table)	0.0	3:1	0
Hardwood Tree 16" to <23.5"	6.0	3:1	2
Sabal Palm 8" or Greater	21.0	3:1	7
Total Non-Live Oak Replacement Inches Required			9
		Total Mitigation Inches	9
		Tree Trust Payment (@$1,250.00)	$11,250.00
		Mitigation Requirement Total	$11,250.00

ALL TREE REPLACEMENT INCHES WILL BE PROVIDED BY THE ON SITE PARK PLAN FOR ADJACENT LANDING REDEVELOPMENT PROJECT BY OTHERS

NOTES

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



PLAN

PROTECTION BARRIER FOR TREE GROUPINGS

gai consultants
Engineering Environmental Services
5231 Lenox Avenue
Jacksonville, FL 32205
(904) 381-1510

Mark	Description	Date	By

CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

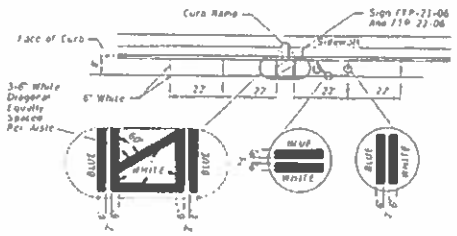
INDEPENDENT DRIVE REALIGNMENT

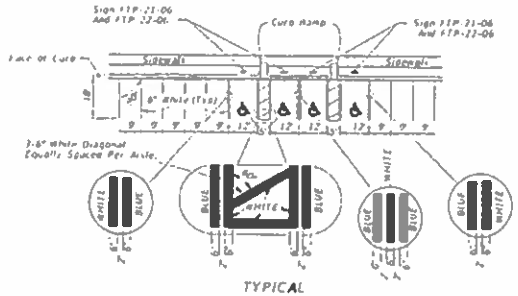
JACKSONVILLE, FL

TREE MITIGATION CALCULATIONS

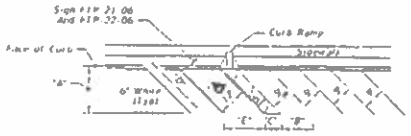
SHEET 39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27.006 F.A.C.

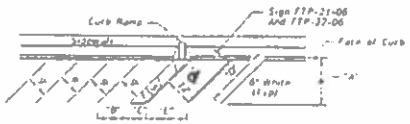




TYPICAL



FORWARD-IN PARKING



REVERSE-IN PARKING

*FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS					
45°	17'-0"	17'-9"	7'-0"	24'-0"	17'-0"

PAVEMENT MARKING FOR PARKING

(See Note 5)

UNIVERSAL SYMBOL OF ACCESSIBILITY

NOTES:

1. Dimensions are to the centerline of markings.
2. An Access Aisle is required for each accessible space when angle parking is used.
3. Example for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
4. Mount FTP-22-06 sign below the FTP-21-06 sign.
5. Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 5'-0" high and white in color.

LAST REVISION	REVISION	DESCRIPTION.
11/01/21		

FDOT FY 2023-24 STANDARD PLANS

PAVEMENT MARKINGS

INDEX 711-001

SHEET 11 of 13

gai consultants

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

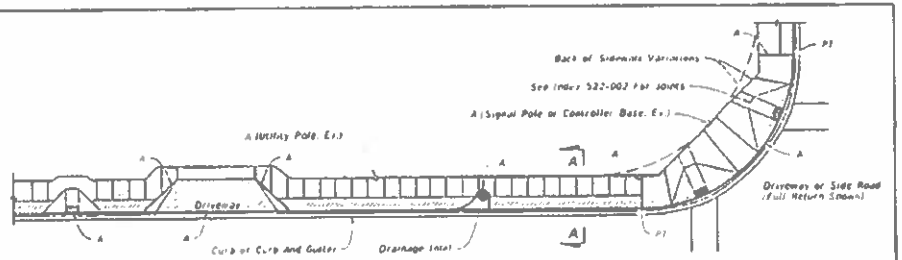
ACCESSIBILITY PAVEMENT MARKINGS DETAILS

SHEET IDENTIFICATION 40

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

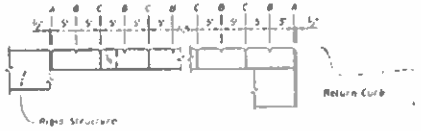
GENERAL NOTES:

1. Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan View). Install all other concrete with thickness as shown, unless otherwise detailed in the Plans.
2. Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002
3. For Driveways see Index 522-003
4. Bond breaker material can be any impermeable fabric or sheet; mechanical or preformed material having a thickness of not less than 6 mils and not more than ½"
5. Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Guiderail shown in the plans (See Railing DETAILS)

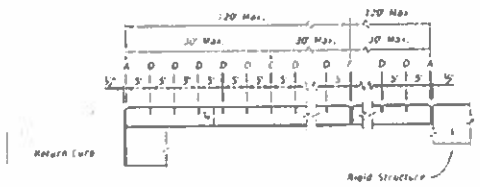


PLAN

SIDEWALK WITH UTILITY STRIP



OPEN JOINTS



SAWED JOINTS

LONGITUDINAL SECTION

LEGEND:

A- ½" Expansion Joints (Preformed Joint Filler) between the sidewalk and, driveways, sidewalk intersections, and all other fixed objects (e.g. drainage inlets and utility poles)

B- ½" Dummy Joints, Tooled

C- ½" Formed Open Joints

D- 3/16" Saw Cut Joints, 1½" Deep (within 96 hours) Max. 5' Centers

E- 3/16" Saw Cut Joints, 1½" Deep (within 12 hours) Max. 30' Centers Joint(s) Required when Length Exceeds 30'

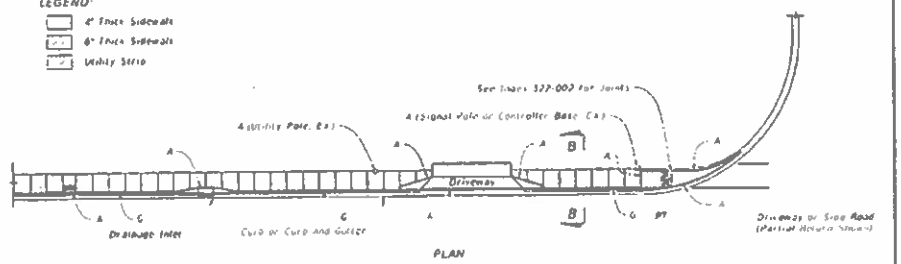
F- ½" Expansion Joint When Run Of Sidewalk Exceeds 120', Intermediate locations when called for in the plans or at locations as directed by the Engineer.

G- Cold Joint with Bond Breaker, Tooled

SIDEWALK JOINTS

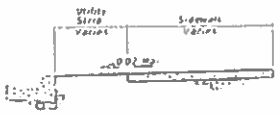
LEGEND:

- 4" Thick Sidewalk
- 6" Thick Sidewalk
- Utility Strip

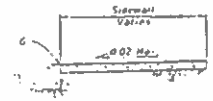


PLAN

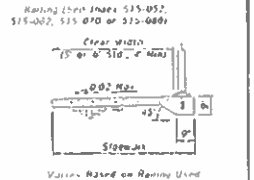
SIDEWALK WITHOUT UTILITY STRIP



SECTION A-A



SECTION B-B



RAILING DETAIL

GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

LAST REVISION	REVISION	DESCRIPTION
11/01/18		

FDOT FY 2023-24 STANDARD PLANS

CONCRETE SIDEWALK

INDEX 522-001

SHEET 1 of 2

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

CONCRETE SIDEWALK DETAILS

SHEET 41

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

GENERAL NOTES:

1. Cross Slopes and Grades

   A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.

   B. Landings must have cross-slopes less than or equal to 0.02 in any direction.

   C. Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.

   D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.

2. Curb, Curb and Gutter and/or Sidewalk

   A. Refer to Index 522-001 for concrete thickness and sidewalk details.

   B. Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.

   C. Width of Curb Ramp is 4'-0" minimum. Match Sidewalk or Shared Use Path width as shown in the Plans.

3. Curb Ramp Alpha-Identification

   A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.

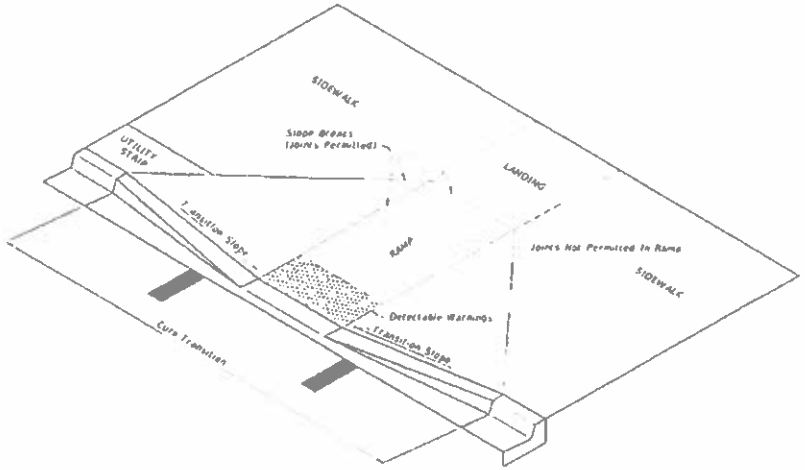
   B. Alpha-identifications CR-I and CR-J are intentionally omitted.

4. Detectable Warnings

   A. Install detectable warnings in accordance with Specification 527.

   B. Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.

   C. If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp, otherwise, the truncated domes are not required to be aligned.



CURB RAMP NOMENCLATURE

LAST REVISION	REVISION	DESCRIPTION
11/01/21		

FDOT FY 2023-24 STANDARD PLANS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX 522-002

SHEET 1 of 7

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

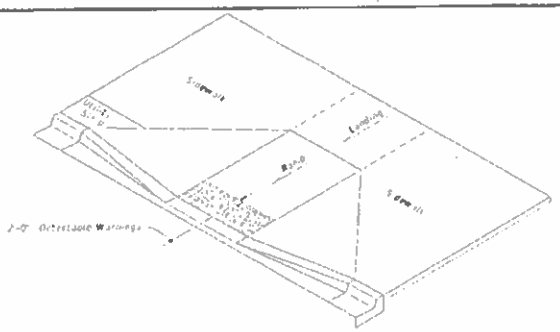
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

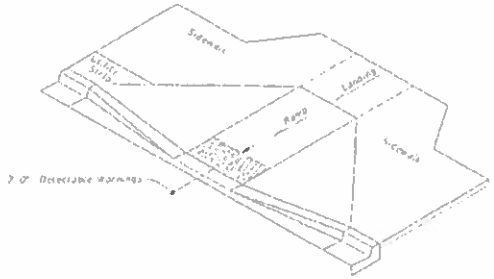
CURB RAMP DETAILS

SHEET IDENTIFICATION 42

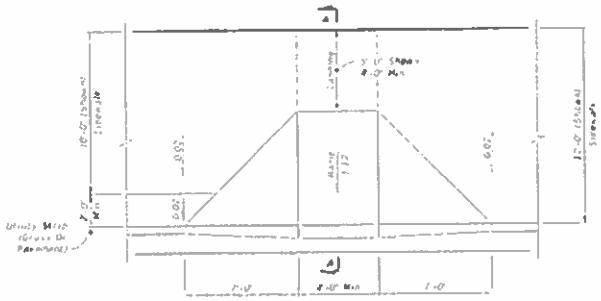
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61-27.22 F.A.C.



ISOMETRIC VIEW



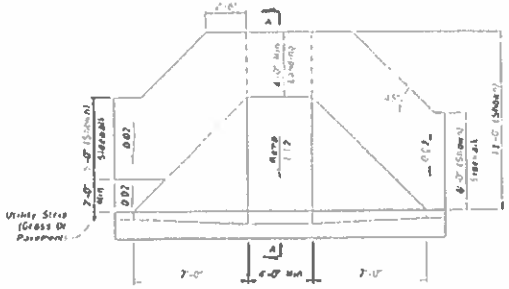
ISOMETRIC VIEW



PLAN VIEW

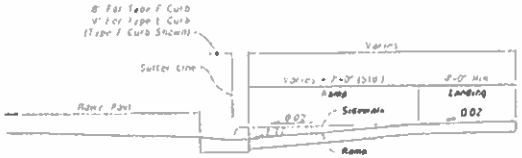
NOTE: For Example of CR-A used in Radial Curb Returns, See Sheet 6

CR-A



PLAN VIEW

CR-B



SECTION A-A

SIDEWALK CURB RAMPS CR-A AND CR-B

LAST REVISION	REVISION	DESCRIPTION	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/20					522-002	2 of 7

gai consultants

CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

CURB RAMP DETAILS

SHEET 43

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27 OF F.A.C.

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFQ and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on November 17, 2021. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

3) Baker Consulting and Engineering, LLC, d/b/a Baker Design Build – 119.00
1) J.B. Coxwell Contracting, Inc. – 127.25
2) Superior Construction Co., Inc. – 119.75

Recommend approval of award to J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and ranking above. The period of service will be five (5) years from the effective date of the contract with funding not-to-exceed $8,000,000.00 annually with carryover for any unused portion. To be executed by formal contract through the Office of General Counsel using the negotiated contract rate schedule.

ATTACHMENTS: Recommendation Memo, Scoring Matrix, Section 2.6, Attachment B- Evaluation Criteria, JSEB Memo, Previous Award

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE, CHIEF PROCUREMENT DIVISION

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

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

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 4/21/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 4/21/2022

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of
Executive Order No. 2019-02

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFQ and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on November 4, 2021. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

3) Baker Consulting and Engineering, LLC, d/b/a Baker Design Build – 119.00
1) J.B. Coxwell Contracting, Inc. – 127.25
2) Superior Construction Co., Inc. – 119.75

Recommend approval to enter negotiations with J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and raking above.

ATTACHMENTS: Recommendation Memo, Scoring Matrix, Section 2 6, Attachment B- Evaluation Criteria

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE CHIEF PROCUREMENT DIVISION

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

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

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE 1/13/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 1-18-22

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of
Executive Order No. 2019-02

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City of Jacksonville received four (4) proposals and all have been reviewed and ranked Based on the average score the following firms were determined to be the most qualified of those submitting qualifications The ranking of first, second and third designates the order of qualification of these firms to perform the required services Alphabetica y they are

3) Baker Consulting and Engineering LLC. d/b/a Baker Design Build – 89 00
1) J.B. Coxwell Contracting, Inc – 97 25
2) Superior Construction Co , Inc – 90 75

Pursuant to Section 2.6- Award of Contract of RFP, recommend approval to move forward with presentation/interviews before CSPEC at a future scheduled meeting

ATTACHMENTS: Recommendation Memo, Scoring Matrix Section 2 6, Attachment B Evaluation Criteria

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE, CHIEF PROCUREMENT DIVISION

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

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

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 10/14/2021

OTHER

ACTION OF AWARDING AUTHORITY DATE 10-18-21

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of
Executive Order No 2019-02