5

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-2, known as Amendment 16B for 100% construction and engineering services not covered in the previous amendment for the Independent Drive Realignment project in the amount $2,012,122.57 which includes $239,353.19 in contingency, allowing for the completion of the work within 180 days from the notice to proceed. Revised total not-to-exceed is $2,345,014.81.

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-2, Previous Award(s)

ANALYST: _____
JACLYN STAMOS

RESPECTFULLY SUBMITTED: _____
DUSTIN FREEMAN, CHIEF
FOR: 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

June 26, 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 16B PO 660459-23

In accordance with Design/Build CDB-0132-21, Contract 71754-22, the Independent Drive Realignment project was awarded by Amendment 16A in the amount of $331,892.24 to establish MOT, erosion control, site prep, demolition and post design services, while finalizing the 100% construction GMP. Amendment 16B is for 100% construction and engineering services not covered in the previous amendment. Negotiations have resulted in the attached Scope and Fee, Exhibit R-2 for a GMP amount of $2,012,122.57 with $239,353.19 in contingency, allowing for the completion of the work within 180 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 Amendment 16A to Contract No. 71754-22, pending execution, between the City and J. B. Coxwell Contracting, Inc. for Independent Drive Realignment be amended to incorporate the attached Scope and Fee summary, Exhibit R-2 to increase the GMP by $2,012,122.57 to a new GMP amount of $2,344,014.81, known as Amendment 16B.

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	$2,012,122.57

RGS/lw

Attachment: Exhibit R-2

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

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. Coordination with existing utilities that need to relocate is critical to completing this project. JBCCI will coordinate with the utility owners on behalf of COJ. Any fees pertaining to relocating public utilities are not included in this proposal. Tree mitigation fees by COJ, if required.

Underdrain stubs on the curb inlets are not included in this proposal because the water elevation in the storm system is within twelve inches of the edge of pavement elevations. This proposal assumes all lighting will be JEA maintained and not metered. This proposal does not include the TVing and cleaning of all existing storm drainage in the project limits. This proposal does not include handling or disposal of contaminated soils and/or water.

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: 6/23/2023
Project: Independent Drive Realignment
Design-Build Construction Delivery for City of Jacksonville
City Contract No. : 71754-22

Item	Quantity	U/M	Unit Price	Amount
Independent Drive Realignment				
Signalization	1.00	LS	$ 58,026.07	$ 58,026.07
Landscaping Allowance	1.00	LS	$ 15,000.00	$ 15,000.00
Irrigation Allowance	1.00	LS	$ 10,000.00	$ 10,000.00
Street Lighting	1.00	LS	$ 23,829.40	$ 23,829.40
Relocate Sheriffs Camera on New Service Pole	1.00	LS	$ 39,646.58	$ 39,646.58
End of Job Cleanup	1.00	LS	$ 18,276.09	$ 18,276.09
Subtotal				**$ 1,595,687.92**
Contingency	15%			$ 239,353.19
Bond				$ 36,700.82
Design Builder's Fee	7.5%			$ 140,380.64
Independent Drive Realignment				**$ 2,012,122.57**

EXHIBIT A 2

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

GAI CONSULTANTS, INC.
12570 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
MATTHEW BULYARD PE NO 74615

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

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	PROPOSED DRAINAGE MAP
5	DRAINAGE DETAILS
6	ROADWAY TYPICAL SECTION
	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 UTILITIES
27	EROSION CONTROL GENERAL NOTES
28	EROSION CONTROL DETAILS
29	EROSION CONTROL PLAN
30	SIGNING AND PAVEMENT MARKING GENERAL NOTES
31 - 32	SIGNING AND PAVEMENT MARKING PLAN
33	STABILIZATION REMOVAL PLAN
34	INTERCONNECT PLAN
35 - 39	CONCRETE POLES DETAILS
40 - 41	TREE WITHERING
42	ACCESSIBILITY PAVEMENT MARKING DETAILS
43	CONCRETE SIDEWALK DETAILS
44 - 45	CURB RAMP DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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GAI CONSULTANTS, INC.
12570 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
WILLIAM J. FLANAGAN P.E. NO 82429

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

SHEET NO	SHEET DESCRIPTION
2	SIGNATURE SHEET
23 - 25	LIGHTING PLAN

gai consultants
Environment & Infrastructure
12570 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363 1130

REV	DESCRIPTION	DATE	BY

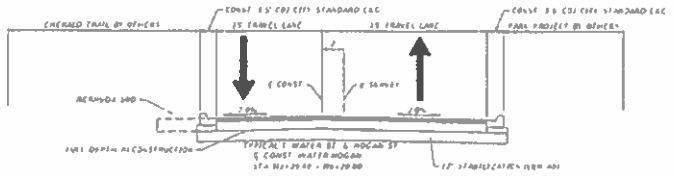
CITY OF JACKSONVILLE PUBLIC WORKS DEPT
INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL.

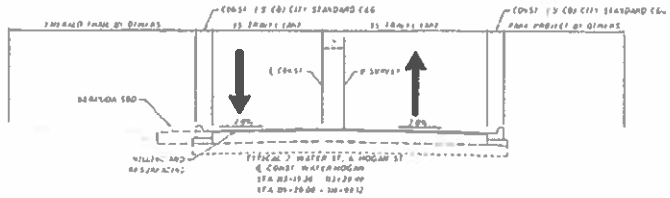
SIGNATURE SHEET

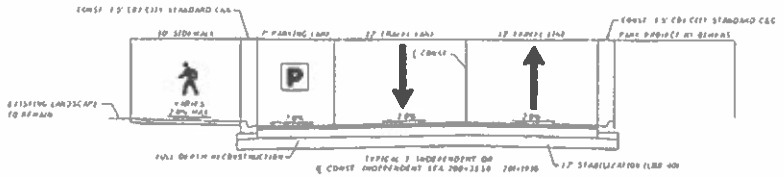
SHEET 2

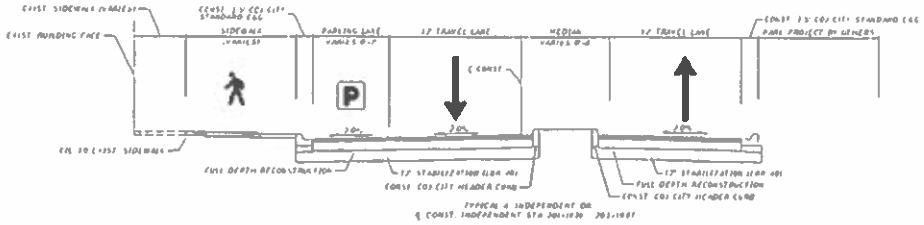
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PROPOSED
DRAINAGE
MAP
INDEPENDENT DRIVE
REALIGNMENT
gai consultants









PAVEMENT DESIGN

DETAIL OF FULL DEPTH RECONSTRUCTION

SIDEWALK

DRIVEWAYS

MILLING

RESURFACING

gai consultants
Transforming ideas into reality
32424 Lugano Circle, Suite 400
Suite 202
Jacksonville, FL 32250
(904) 353 1330

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY TYPICAL SECITONS

SHEET IDENTIFICATION 6

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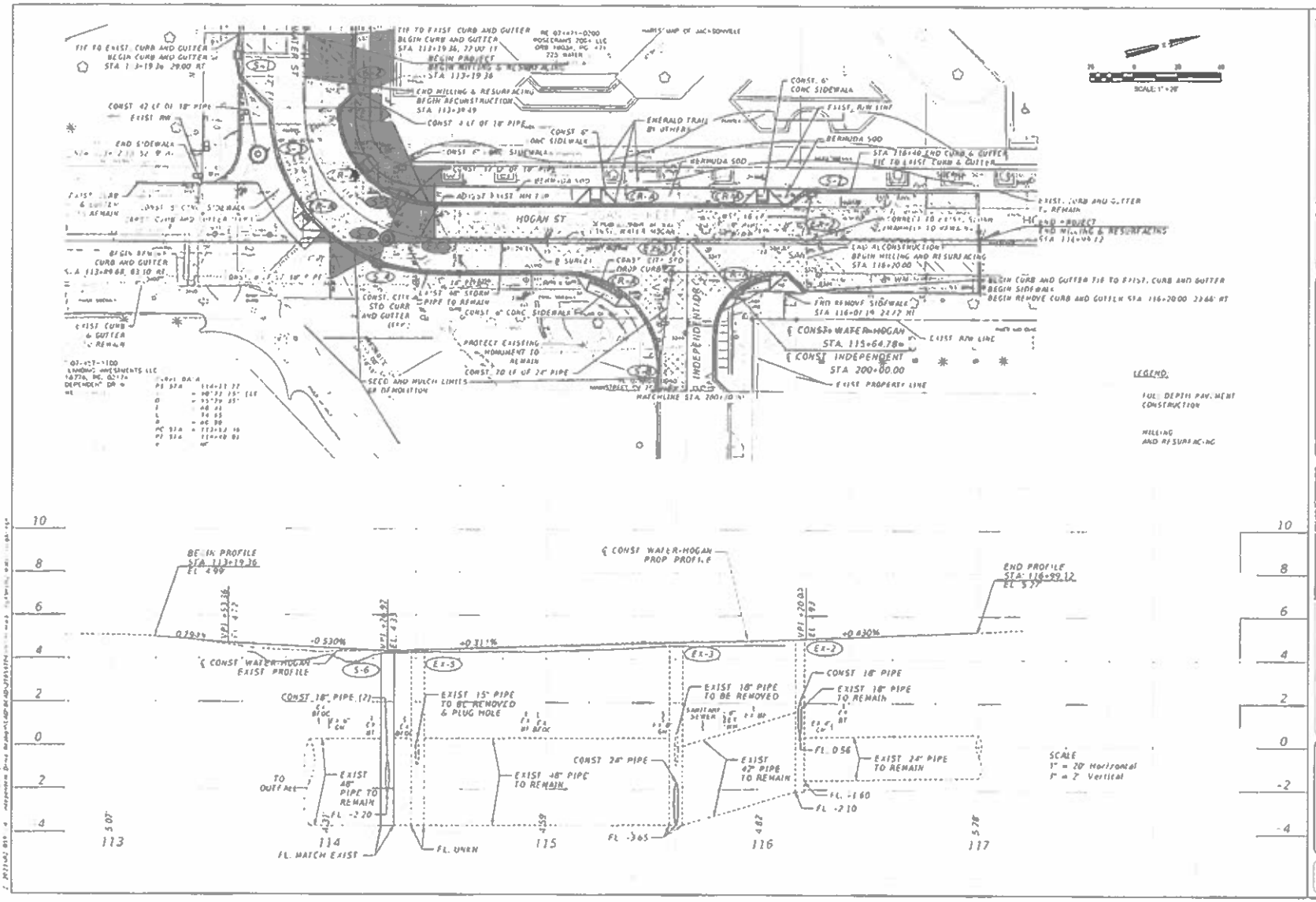

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

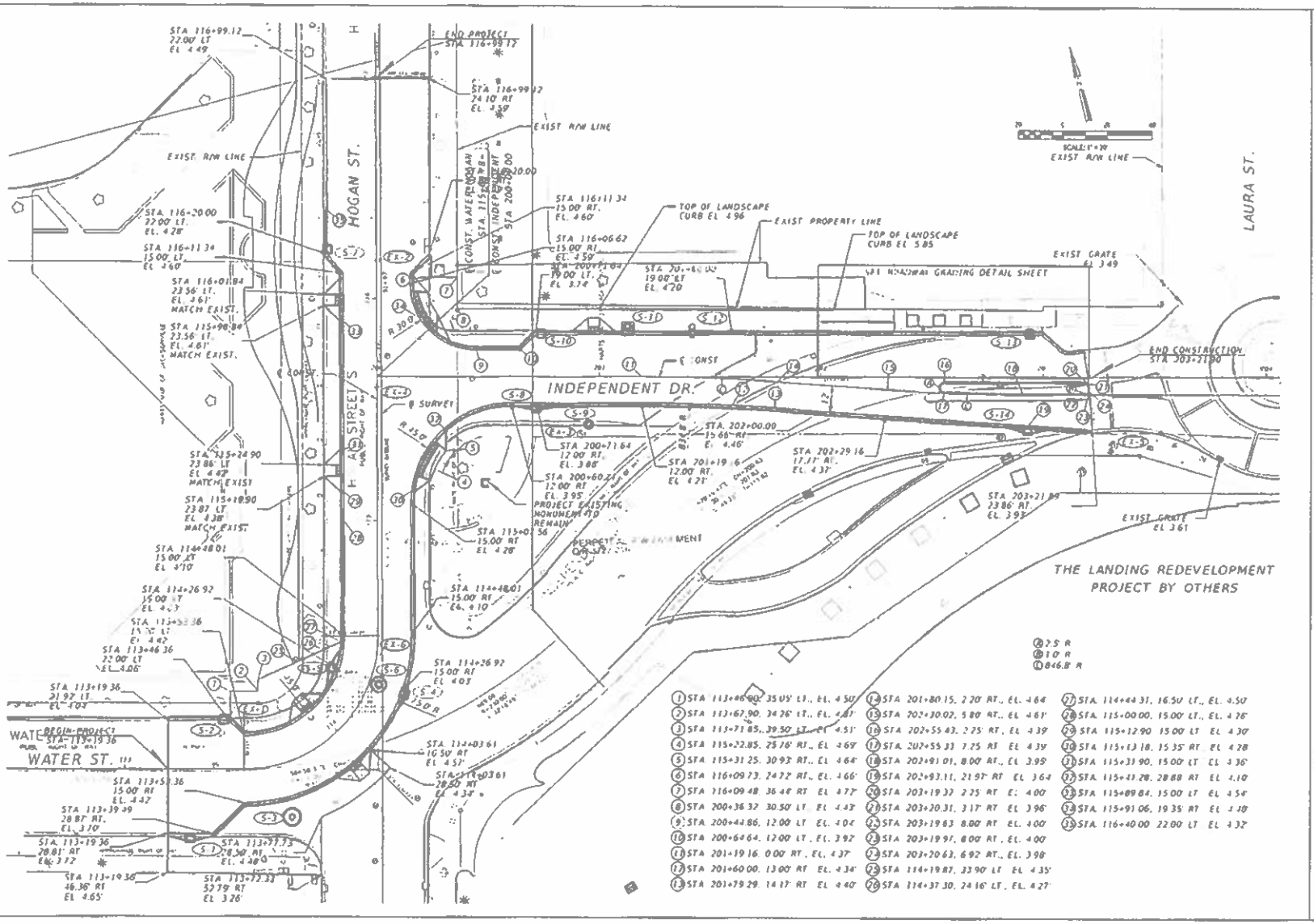
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

ROADWAY PLAN-PROFILE

SHEET IDENTIFICATION 8

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



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

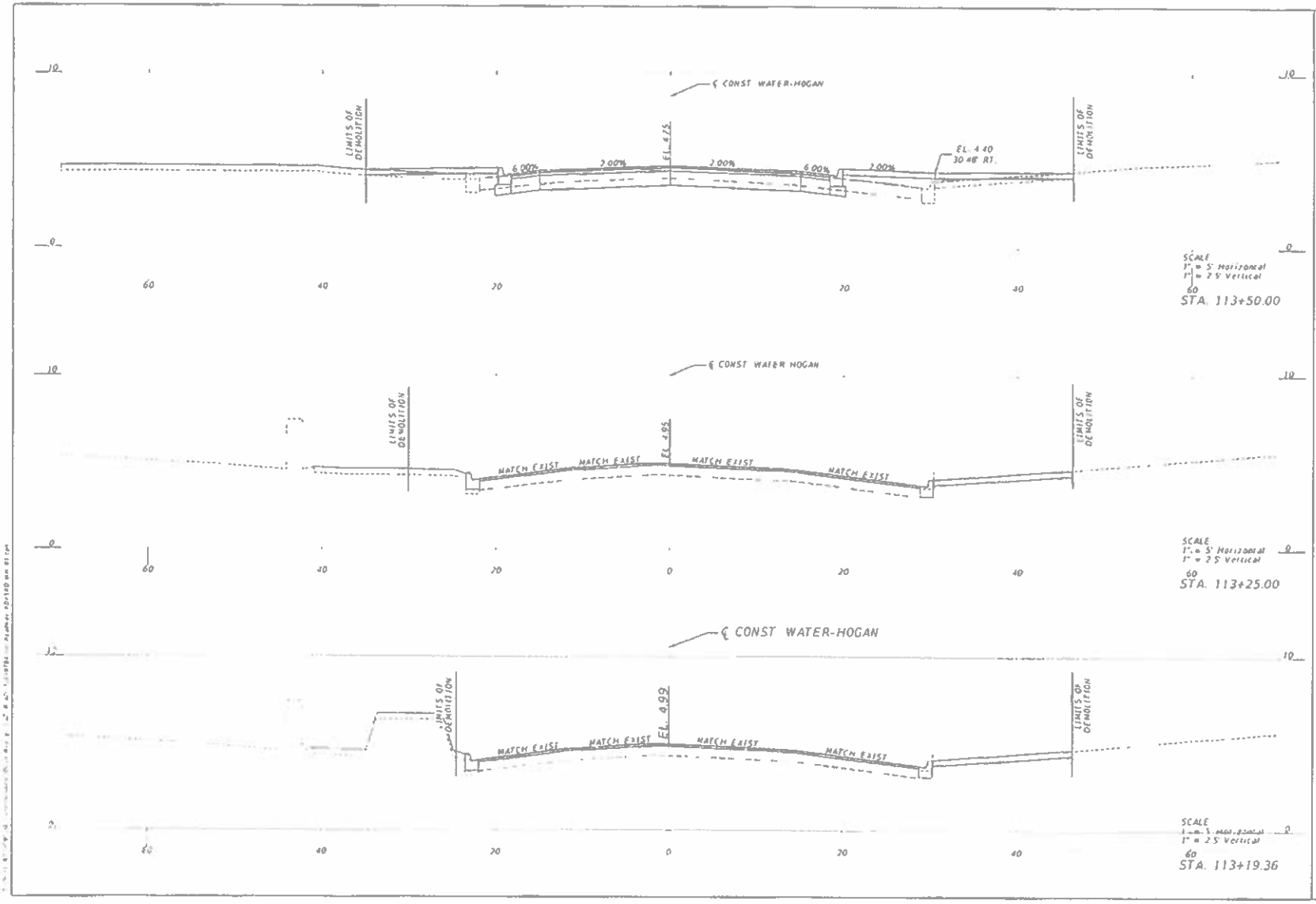
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

ROADWAY GRADING PLAN

SHEET 10 OF 11 SHEETS

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



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 12

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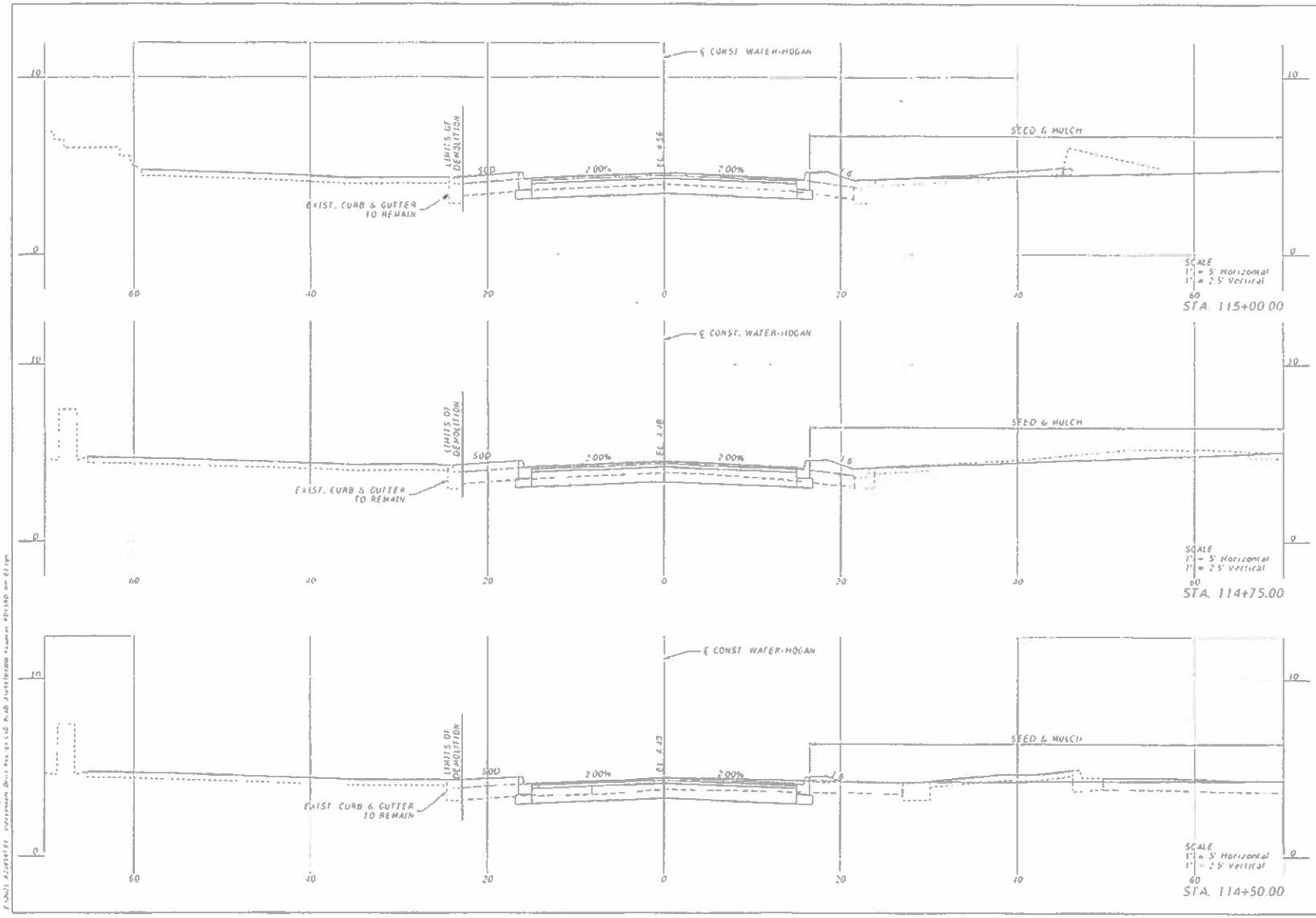

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

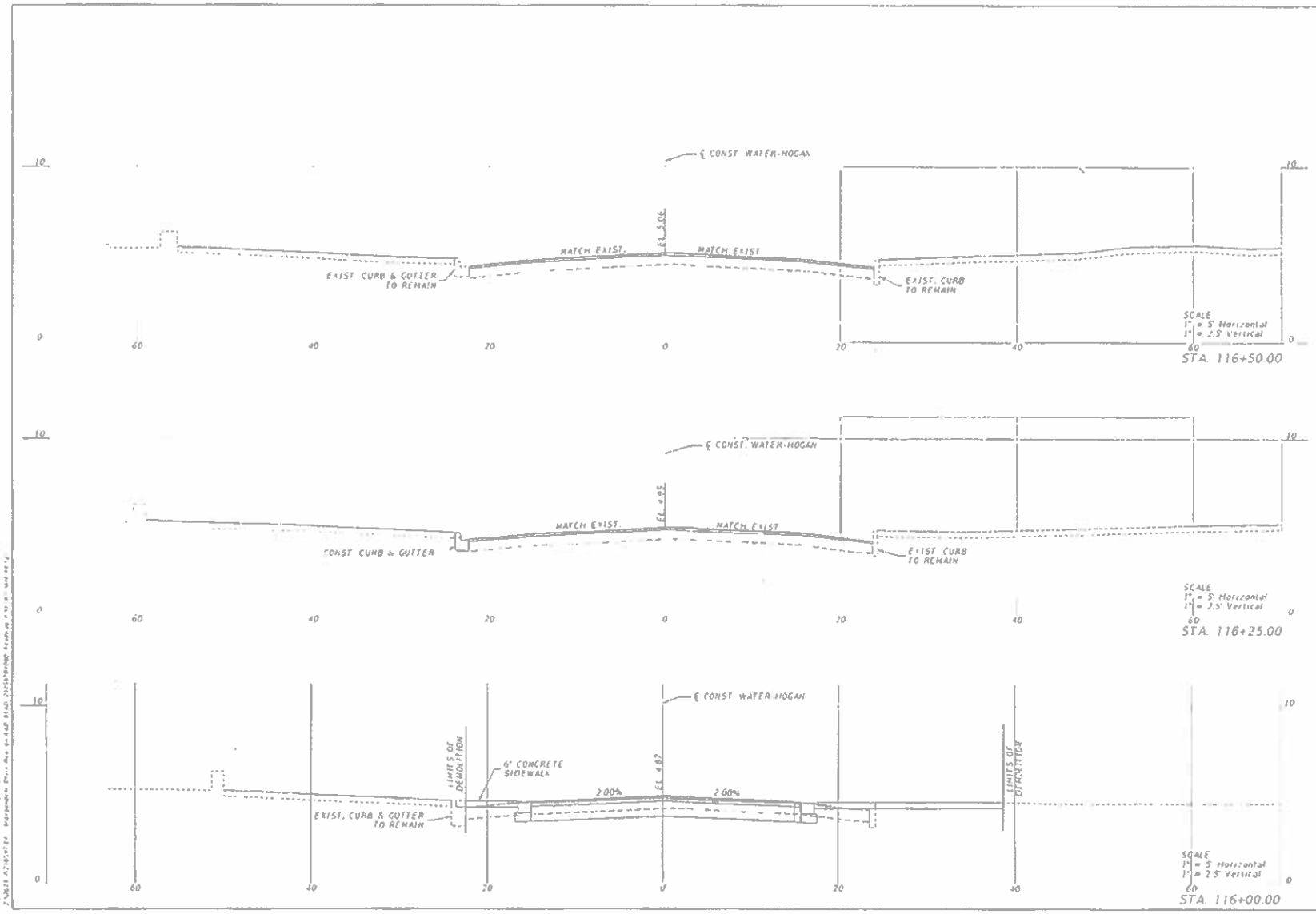
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET 14

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



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

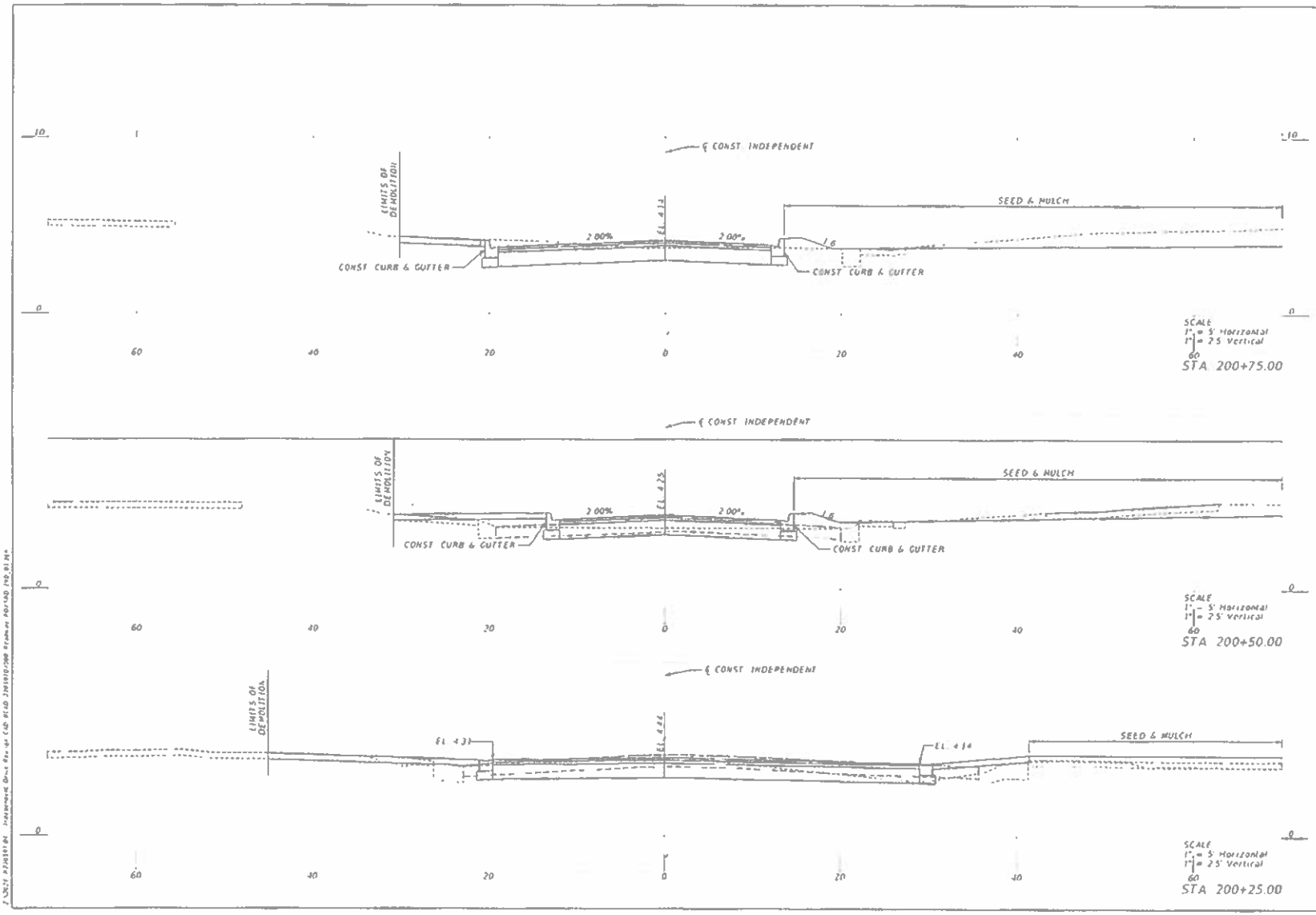
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET 10

THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27.004, F.A.C.



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT.

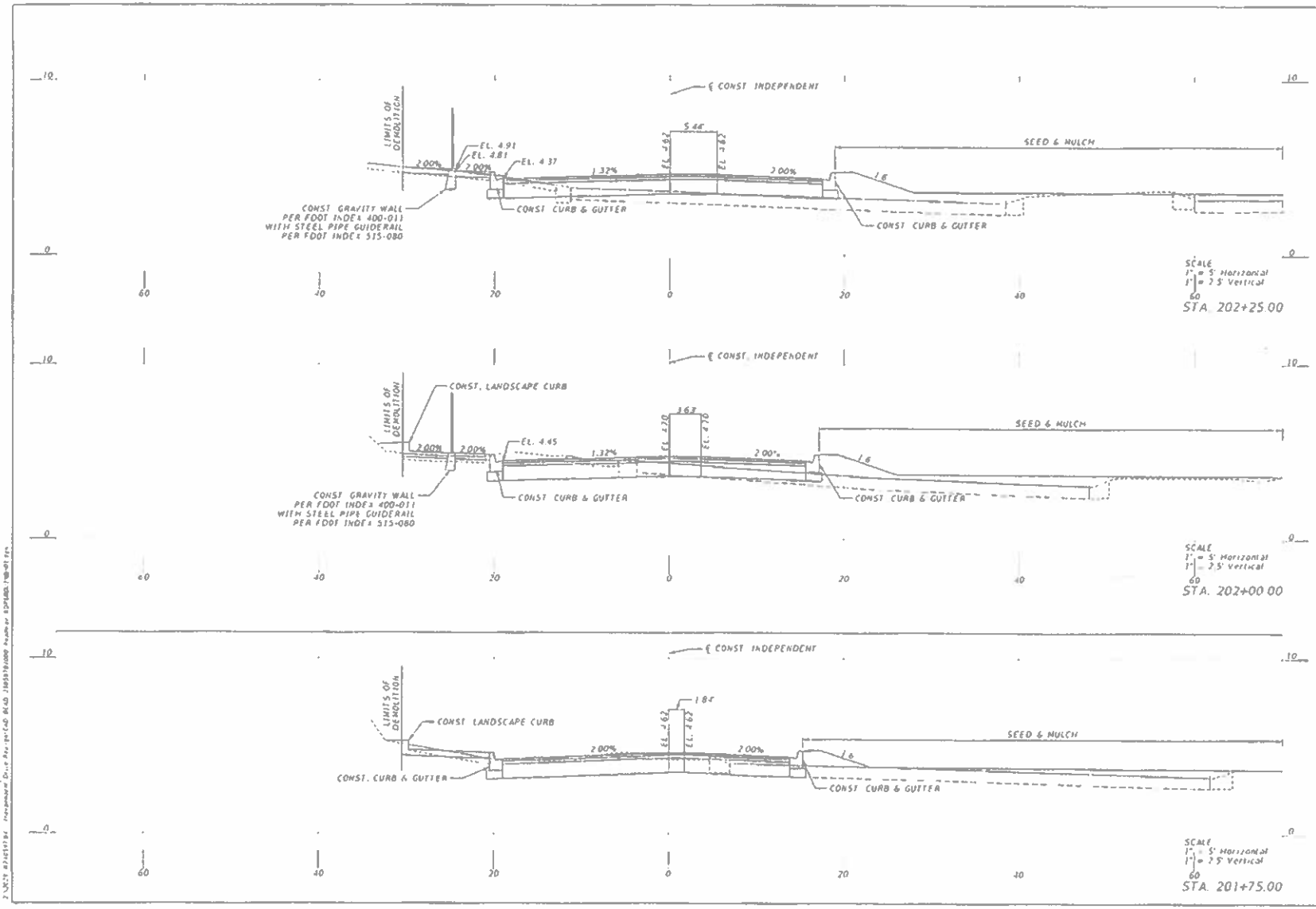
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 18

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



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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

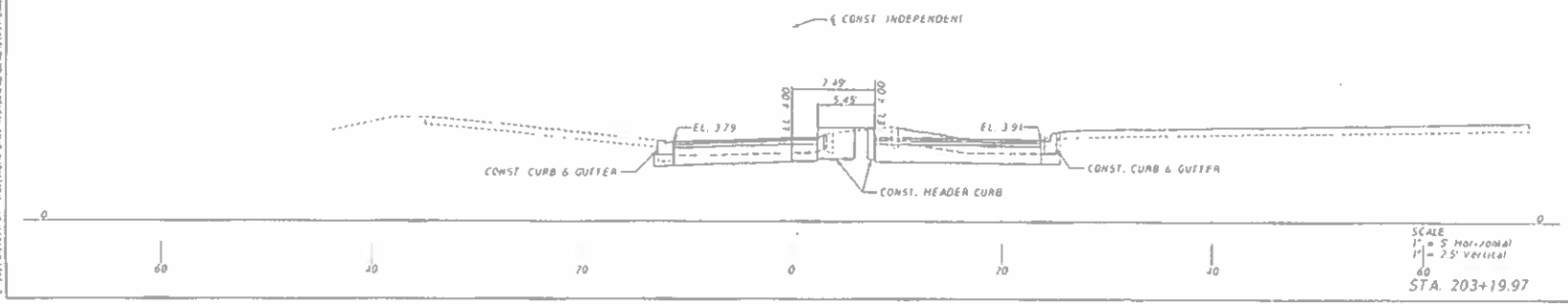
INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ROADWAY CROSS SECTIONS

SHEET 20

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



ROADWAY CROSS SECTIONS

SHEET IDENTIFICATION 22

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

DATE 8-27-2021

DESIGNED

CHECKED

DATE

DISCIPLINE

gai consultants

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

DETOUR PLAN
INDEPENDENT DRIVE REALIGNMENT
CITY OF JACKSONVILLE PUBLIC WORKS DEPT
JACKSONVILLE, FL
gai consultants
ROAD CLOSED
LOCAL TRAFFIC ONLY
ONLY
MAIN STREET
INDEPENDENT DRIVE

SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	@ and/or ℄ STATION	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	3.40'	0.91'	
3	JEA WATER	8"	BLUE PVC	202+94.39	10.93'	LT	3.59'	0.26'	
4	JEA, WATER	8"	CI	114+25.22	2.78'	LT	4.29'	0.44'	
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	71.44	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+16.86	4.14'	LT	4.81'	-2.49'	
10	AT&T, COMMUNICATIONS	4"	WHITE PVC	116+37.56	18.18'	LT	4.43'	1.43'	
11	TECO, GAS	6"	STEEL	116+15.55	9.87'	LT	4.68	1.22'	
12	AT&T, COMMUNICATIONS	2"	ORANGE PE	113+54.96	31.68'	RT	3.85	-0.95'	
13A	JEA, WATER	8"	CI					-1.18'	
13B	UNKNOWN	3"	GALVANIZED	113+12.70	36.09'	RT	4.32'	3.69'	
13C	UNKNOWN	1"	GALVANIZED					3.47'	
14	JEA, WATER	8"	CI	200+73.18	12.26	LT	3.93	1.46'	
15									UNABLE TO VERIFY POSSIBLE VVH#76 10" WHITE PVC UNK
16A	AT&T, COMMUNICATIONS	2.3'x3.1'	CONCRETE DUCT BANK	113+04.09	22.93'	LT	4.01	0.84'	
16B	UNKNOWN	13'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+34.13	18.21'	RT	4.17'	0.22'	
19A	AT&T, COMMUNICATIONS	(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+02.66	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	4.47'	1.32'	
24B	UNKNOWN	1"	GALVANIZED					0.67'	
25A	UNKNOWN	2"	GALVANIZED					2.03'	
25B	UNKNOWN	(2) 1", 1.5"	WHITE PVC	201+35.19	25.01'	RT	4.53'	3.63'	IRRIGATION
25C	UNKNOWN	ø 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	

gai consultants
TRANSPORTATION • GEOTECHNICAL • ENVIRONMENTAL
1534 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32256
(904) 863-1138

REVISION	DATE	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

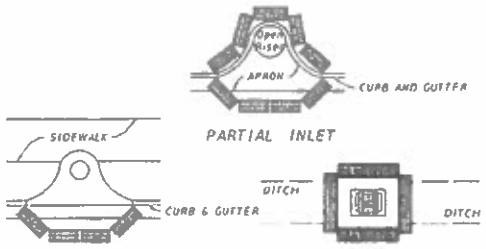
JACKSONVILLE, FL

SUMMARY OF VERIFIED UTILITIES

SHEET IDENTIFICATION 26

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

(EXHIBIT B)

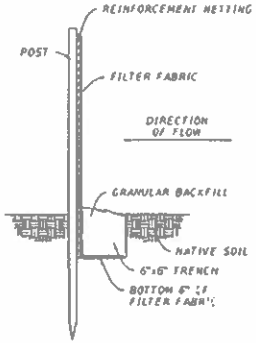


NOTES

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

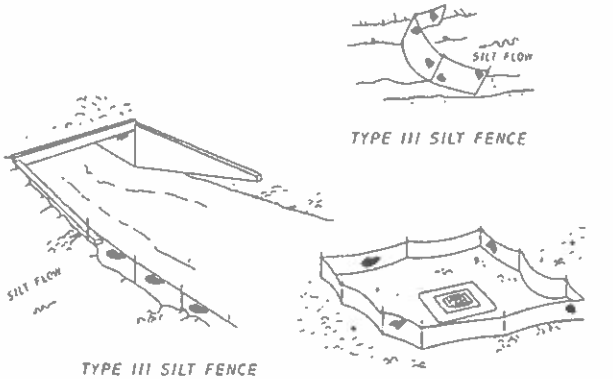
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

SCALE: NTS



SILT BARRIER DETAIL

SCALE: NTS

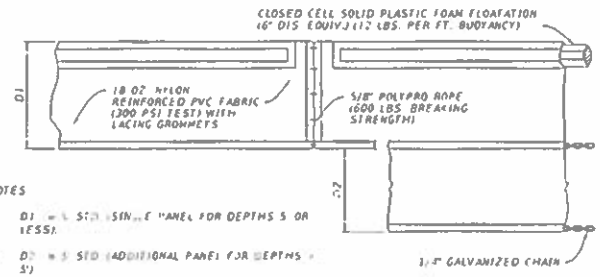


NOTES.

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

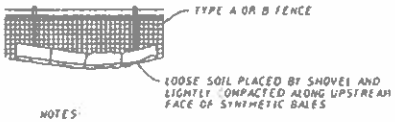


NOTES

1. D1 = 4.5' SEE SINGLE PANEL FOR DEPTHS 5' OR LESS).
2. D2 = 3' SEE (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

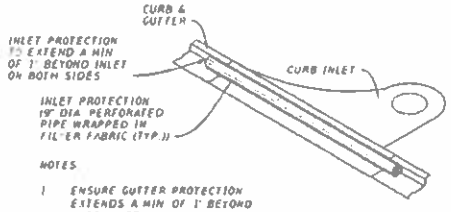


NOTES

1. SYNTHETIC BALES TO BE STAKED 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

gai consultants

1539 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363 1330

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

EROSION CONTROL DETAILS

SHEET IDENTIFICATION 28

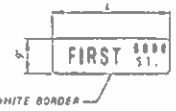
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27.002 F.A.C.

SIGNING NOTES

1. ALL EXISTING CITY OF JACKSONVILLE SIGNS AND SUPPORTS WITHIN THE CONSTRUCTION LIMITS THAT ARE TO BE REMOVED SHALL BE DELIVERED TO THE TRAFFIC ENGINEERING STORAGE YARD
2. FOR SIGN DETAILS USE THE MANUAL OF STANDARD HIGHWAY SIGNS, AS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE U.S. DEPT OF TRANSPORTATION (2012 SUPPLEMENT TO THE 2004 EDITION) AND AS SPECIFIED BY THE 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 654-7-12 RECTANGULAR RAPID FLASHING BEACON ASSEMBLY SHALL BE CARMANAH R920-F-MUB STREET MUB WITH AT GLANCE REMOTE ACCESS MONITORING

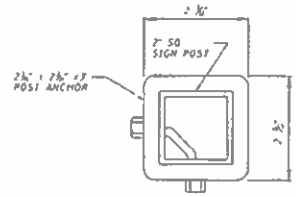
PAVEMENT MARKING NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN ON THE PLANS AND DETAIL SHEETS AND PER COJ PAVEMENT MARKING STANDARDS
2. ANY REQUIRED TEMPORARY MARKINGS MUST BE IN PLACE BEFORE OPENING LANES OF TRAFFIC PAY ITEMS FOR TEMPORARY PAVEMENT MARKINGS ARE TO BE INCLUDED IN THE TABULATION OF QUANTITIES
3. THE REMOVAL OF EXISTING PAVEMENT MARKINGS WILL BE CONSIDERED AN INCIDENTAL ITEM WITH NO ADDITIONAL COMPENSATION PROVIDED
4. ALL PERMANENT PAVEMENT MARKINGS SHALL BE EXTRUDED THERMOPLASTIC AND MEET CURRENT CITY OF JACKSONVILLE SPECIFICATIONS AND/OR FDOT STANDARD SPECIFICATIONS, LATEST EDITION
5. THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED NO SOONER THAN 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) 255-7530 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.

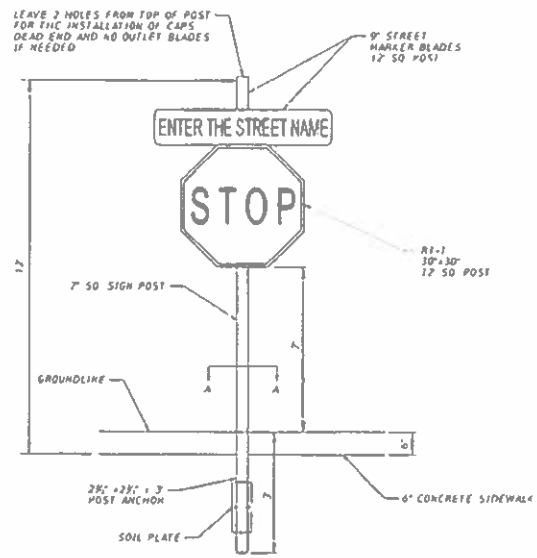


CITY OF JACKSONVILLE
STOP SIGN MOUNTED STREET NAME SIGN DETAILS

1. STREET NAME TO BE 6" T2000 (SERIES "B" UPPERCASE AND LOWERCASE)
2. BLOCK NUMBERS AND RD., ST., AVE., ETC., TO BE 3" SERIES "B" LETTERS UPPER AND LOWER CASE NUMBERS
3. ALL SHEETING TO BE GREEN 3 M 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 SOLUTIONS
7256 PHILIPS HIGHWAY, SUITE 202
JACKSONVILLE, FL 32256
PHONE (904) 363-1330

NO.	DESCRIPTION	DATE	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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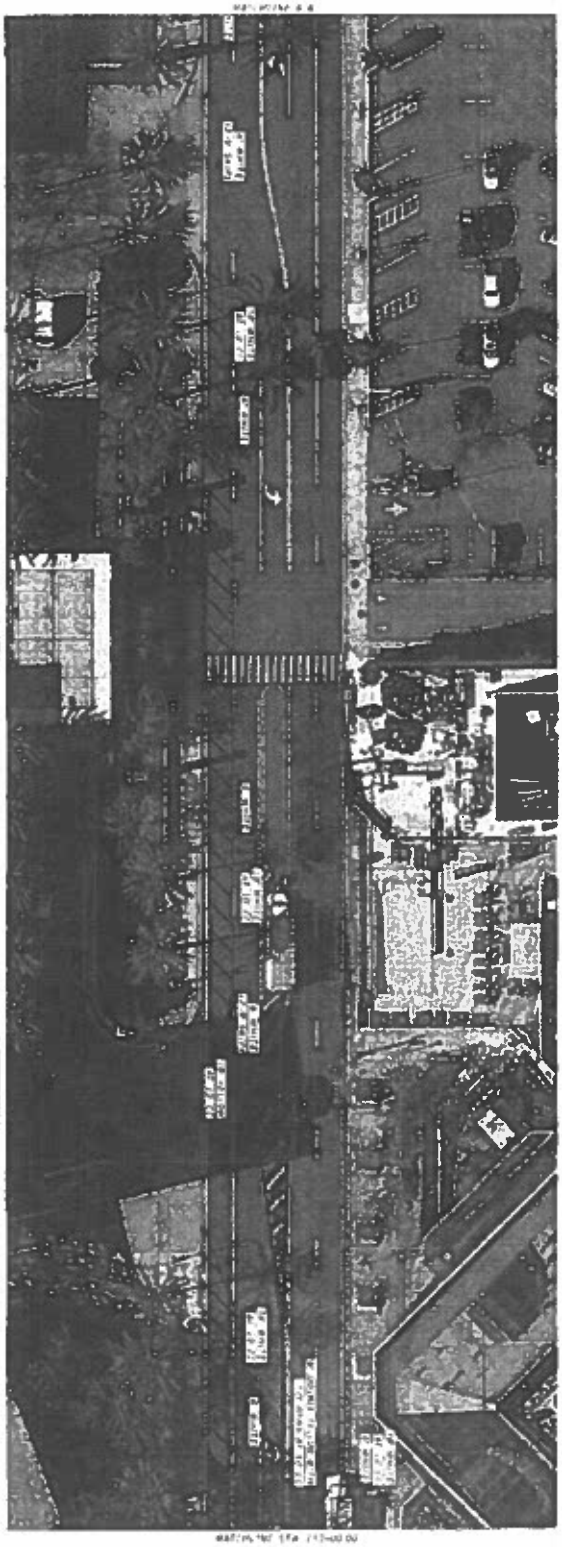

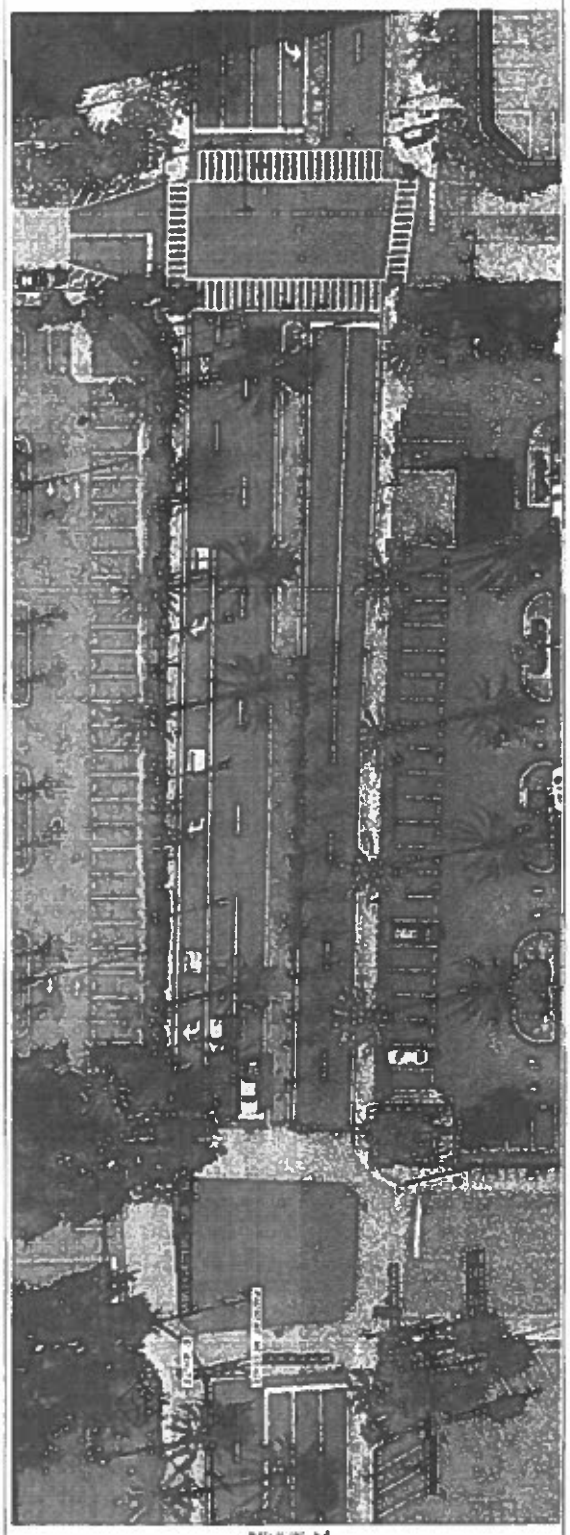

3.2	SIGNING AND PAVEMENT MARKING PLAN	CITY OF JACKSONVILLE PUBLIC WORKS DEPT INDEPENDENT DRIVE REALIGNMENT JACKSONVILLE, FL	gai consultants

EXHIBIT A-2

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

Site 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 LODAD1 double decorative acorn. Luminaire wired for 120 volt operation. Design luminaire curve used: GVD3_P50_40K_XXXX_GL3. Pole mounted on JEA precast concrete anchor base plate ANCBASE6
	Existing luminaire, see plans for construction notes
	Direct buried 3" Schedule 40 PVC conduit with 2/0 AL Triplex conductors inside
	JEA Service Box item BOXSEOD1*0 containing two (2) USS*500B Buss Connectors, one (1) USTSL Fuse, 3" Conduit for secondary bus, 1" conduit for connection to light pole, and 12-2 UF conductor for luminaire

gai consultants
12574 FLAGLER CENTER BLVD
SUITE 200
JACKSONVILLE, FL 32258
(904) 363-1210

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INDEPENDENT DRIVE REALIGNMENT
JACKSONVILLE, FL

LIGHTING POLE DATA

SHEET 104 OF 115 SCALE NONE
34

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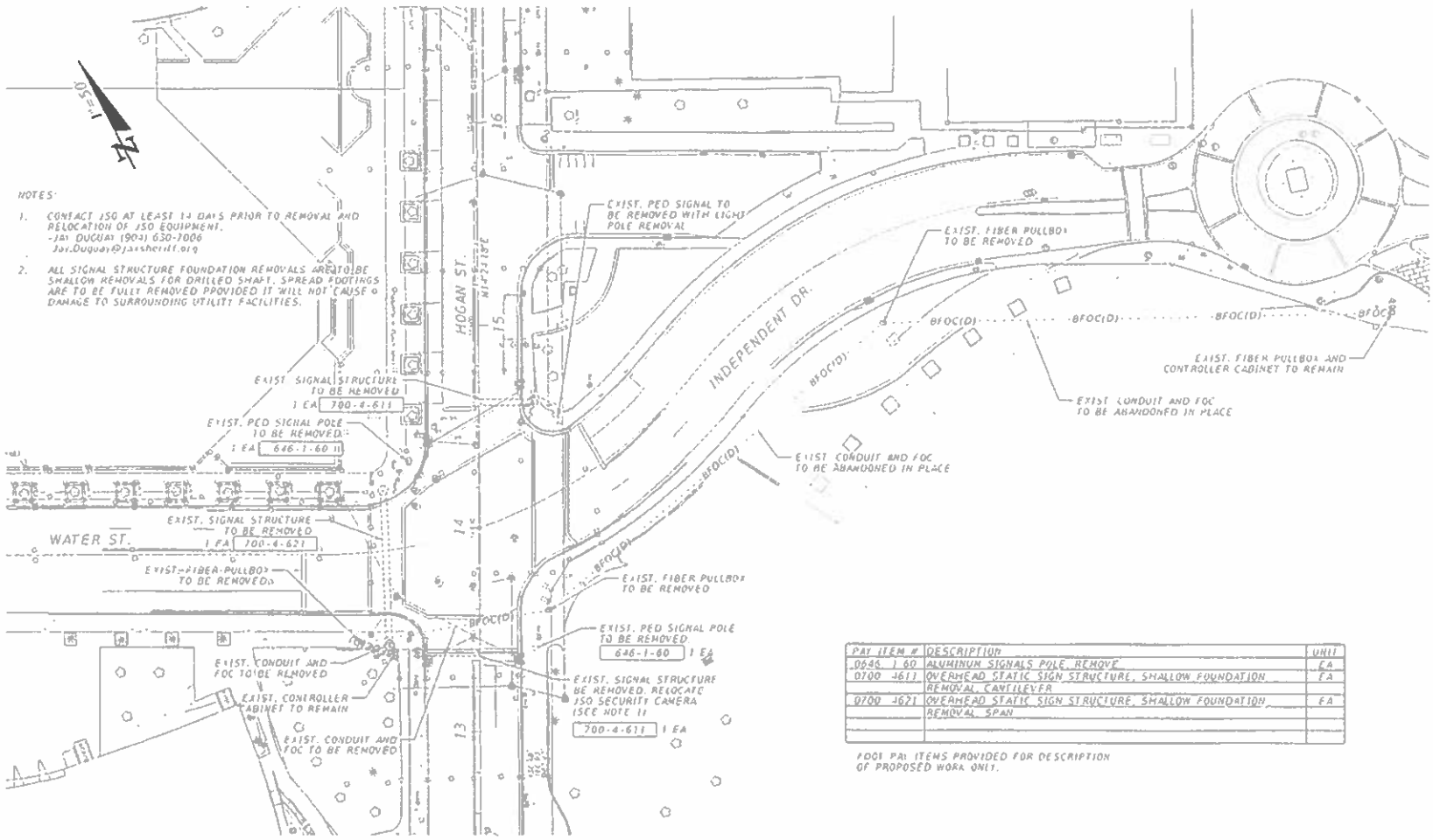
EXHIBIT B-2



NOTES:

1. CONTACT JSO AT LEAST 14 DAYS PRIOR TO REMOVAL AND RELOCATION OF JSO EQUIPMENT.
   -JAY DUGUAY (904) 630-7006
   Jay.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 A 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.

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TRANSFORMING IDEAS INTO REALITY
1216 KING STREET (32204-3118 BLVD)
SUITE 202
JACKSONVILLE, FL 32250
(904) 493-3110

NO.	DESCRIPTION	DATE	BY

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

SIGNALIZATION REMOVAL PLAN

SHEET IDENTIFICATION 36

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GENERAL NOTES:

1. Work these Index Sheets with the Strain Pole Schedule in the Plans. See Index 630-001 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 a 5,000 minimum strength at transfer or Class VI with a 6,500 minimum strength at transfer
B. Prestress Strands & Spiral Reinforcing:	Specification 933
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, conduiting and end (O.D.) only 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 ± ½" 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 conduiting 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".

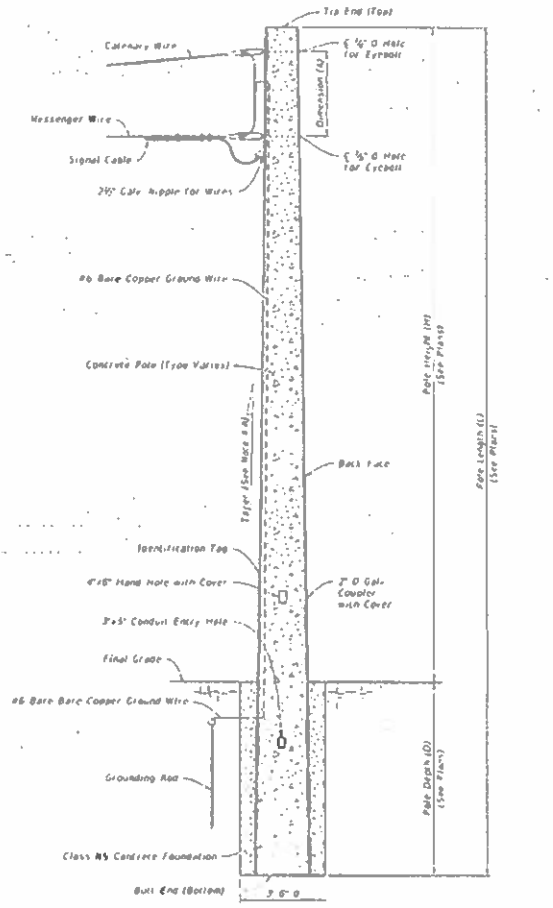
Horizontal Pole Support Points shown are for strand release, storage, handling and transport of the horizontal pole. Keep Back Face oriented downward until final erection.

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-118 (32 Ft)
3	Service Pole - Type P-118 (36 Ft)
4	Pedestal Pole - Type P-110 (32 Ft)
5	Pedestal Pole - Type P-110 (36 Ft)
6	Pole - Type P-111
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
11/01/22		

FDOT FY 2023-24 STANDARD PLANS

CONCRETE POLES

INDEX 641-010

SHEET 1 of 11

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Transforming ideas into reality
3320 Hartley Street North
Suite 203
Jacksonville, FL 32234
(904) 363-5130

Matching drawings to as-built plans

Date	Description	By

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JACKSONVILLE, FL.

CONCRETE POLES DETAILS

SHEET IDENTIFICATION 38

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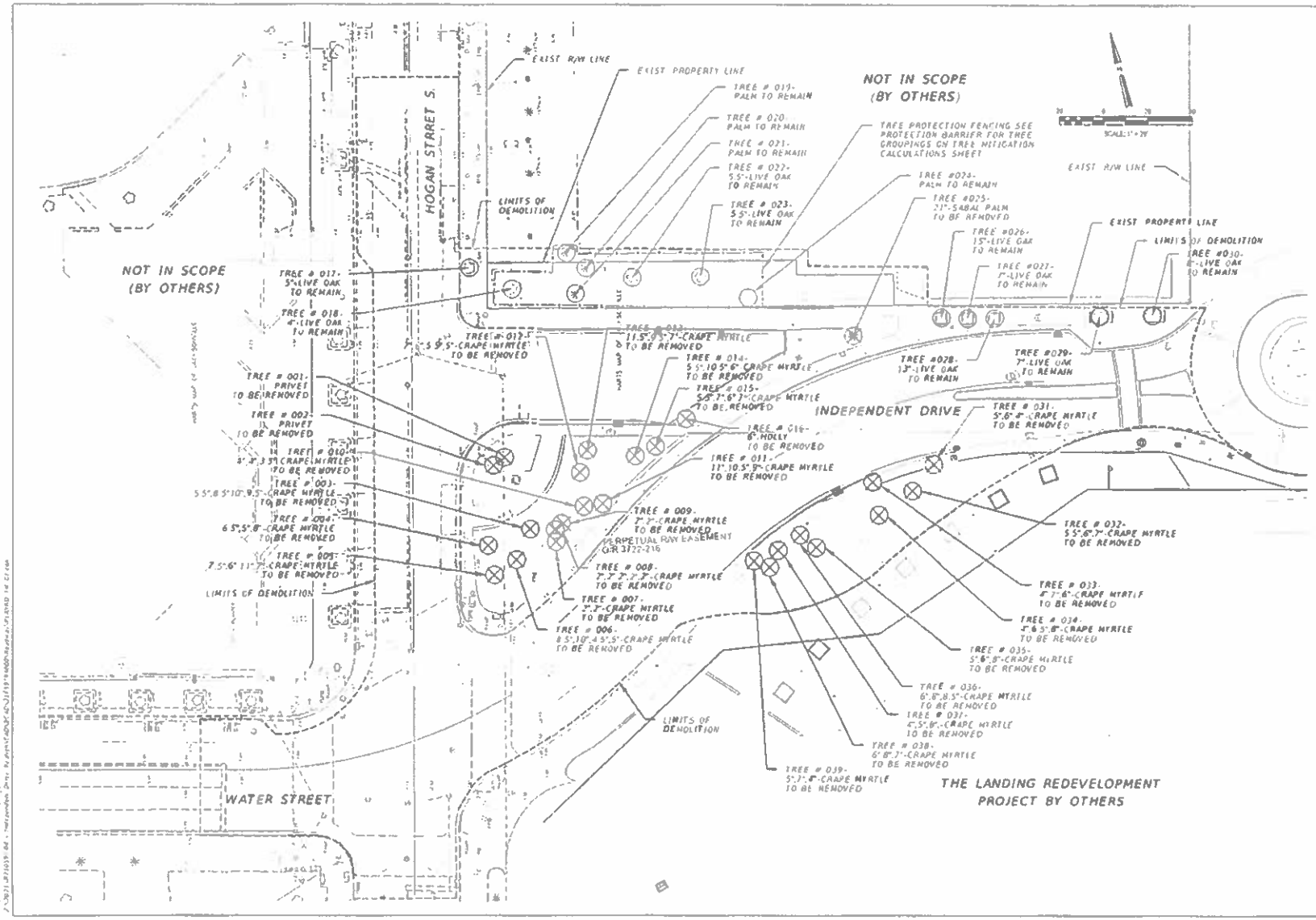

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL.

TREE MITIGATION PLAN

SHEET NUMBER 40

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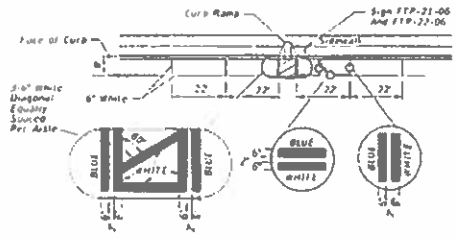
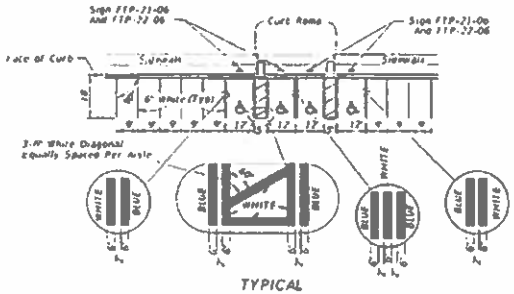
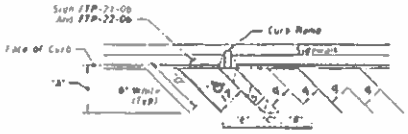
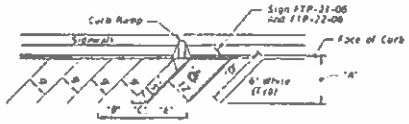




TYPICAL



FORWARD-IN PARKING



REVERSE-IN PARKING

*FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS					
∠ θ	"A"	"B"	"C"	"D"	"E"
45°	17'-0"	17'-0"	7'-0"	21'-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. Criteria for pavement markings only, not public sidewalk and 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

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13534 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE, FL 32258
(904) 363-1110

MARK	DATE	REVISION	BY

CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

ACCESSIBILITY PAVEMENT MARKINGS DETAILS

SHEET IDENTIFICATION 42

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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 3 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.

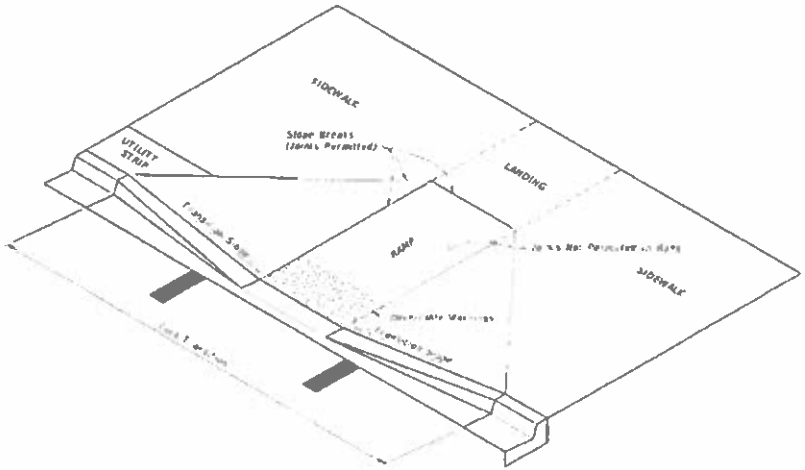
B. Alpha-identifications CR-I and CR-J are intentionally omitted.

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 on 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	FDOT	FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/21						522-002	1 of 7

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CITY OF JACKSONVILLE PUBLIC WORKS DEPT

INDEPENDENT DRIVE REALIGNMENT

JACKSONVILLE, FL

CURB RAMP DETAILS

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