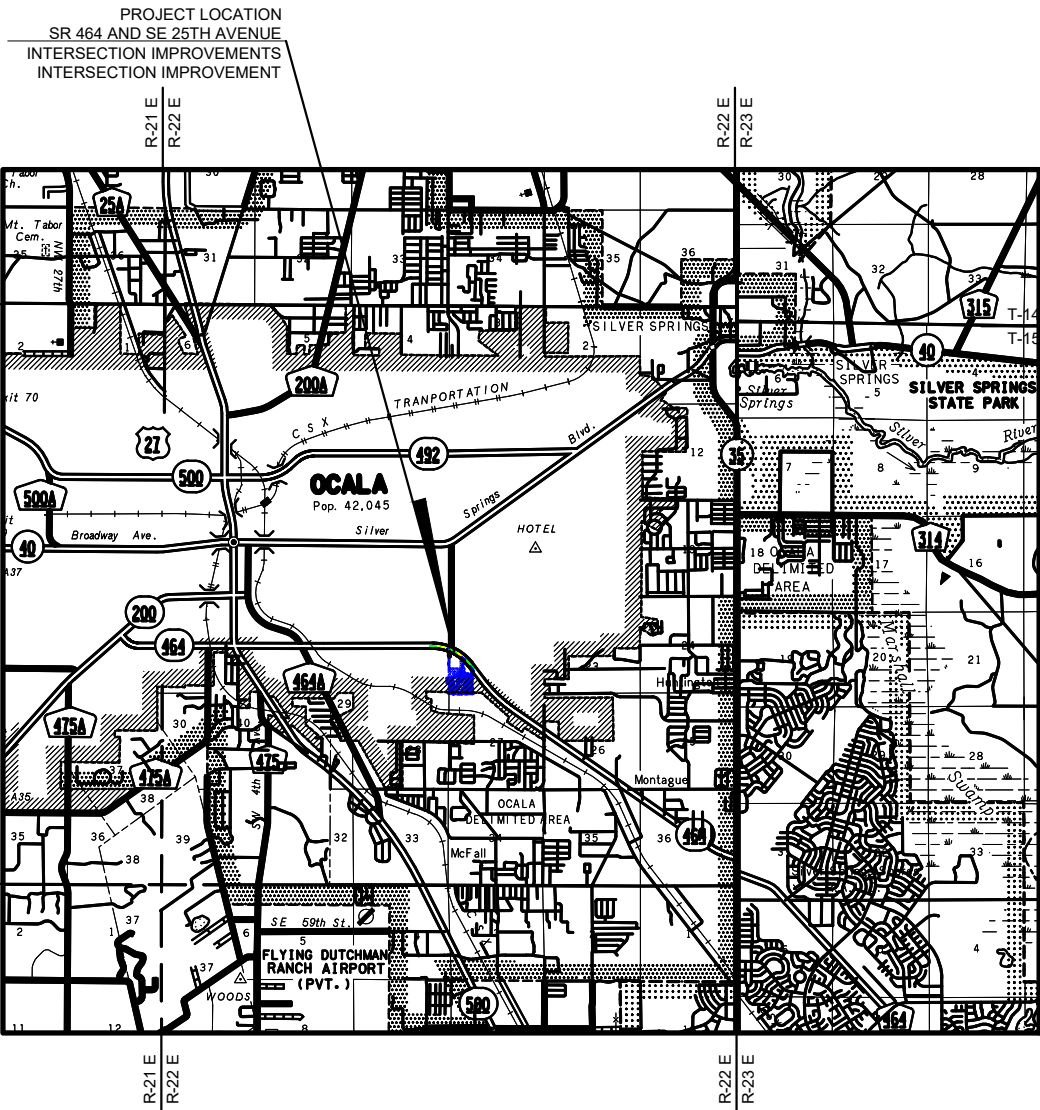


SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS

CITY OF OCALA

SECTIONS 21 & 22; TOWNSHIP 15 SOUTH; RANGE 22 EAST
MARION COUNTY, FLORIDA

FPN #456984-1-54-01
CIP/260015



LOCATION OF PROJECT
MARION COUNTY, FL

GOVERNING STANDARDS AND SPECIFICATIONS:
ALL CONSTRUCTION SHALL CONFORM TO THE FDOT STANDARD PLANS (F.Y. 2026-27), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (F.Y. 2026-27), AND THE FDOT UTILITY ACCOMMODATION MANUAL.

UTILITY AGENCY OWNERS:

ELECTRIC
OCALA ELECTRIC UTILITY
STEVE SHORT
(352) 351-6619

WATER & SEWER
OCALA UTILITY SERVICES
HECTOR COLON
(352) 351-6772

FIBER
UNITI FIBER
JAMES MOSLEY
(251) 654-8216

FIBER
LUMEN-LOCAL
JOHN PLANMONDON
(352) 425 4444

TELEPHONE
CENTURYLINK
PAUL TRENSKI
(352) 368-8861

FIBER
OCALA FIBER NETWORK
JASON COHEN
(352) 572-0345

FIBER
COX
BRYAN WILLIAMS
(352) 966 8107

FIBER
METROFIBERNET
DAVE SILVEIRA
(352) 572 0235

GAS
TECO PEOPLES GAS
LONDON MEAHL
(407) 408-5566

FIBER
FORGED FIBER 37, LLC
CORY HERBERT
(904) 367-9480

FIBER
WIRE 3, LLC
CARL PEACOCK
(810) 955-1937

FIBER
LUMEN NATIONAL
ERIC WALLS
(407) 842-9634

PROJECT APPLICANT AND CONSULTANTS

APPLICANT:
CITY OF OCALA
110 SE WATULA AVE.
OCALA, FL 34471

CIVIL ENGINEERING CONSULTANT:
KIMLEY-HORN AND ASSOCIATES, INC.
1700 SE 17 STREET., SUITE 200
OCALA, FLORIDA 34471
(352) 438-3000

SURVEYOR:
PREECE LAND SURVEYING, INC.
BELLWETHER PROFESSIONAL PARK
2201 SE 30TH AVENUE, SUITE 102
OCALA, FLORIDA 34471
(352) 351-0091

GEOTECHNICAL:
GEO-TECH, INC.
1016 SE 3RD AVENUE
OCALA, FLORIDA 34471
(352) 694-7711

INDEX OF SHEETS
C001 - COVER SHEET
C002 - SIGNATURE SHEET
C003 - GENERAL NOTES
C003A - QUANTITIES
C004 - TYPICAL SECTIONS
C005 - EROSION CONTROL NOTES
C006 - EROSION CONTROL PLAN
C007 - EXISTING CONDITION & DEMOLITION PLAN
C008 - SIGNING & MARKING PLAN
C009 - GRADING & DRAINAGE PLAN
C010 - CROSS SECTIONS
C011 - CROSS SECTIONS
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T-2 - STRAIN POLE SCHEDULE
T-3 - SIGNAL SOIL BORINGS
T-4 - SIGNAL SOIL BORINGS
T-5 - SIGNAL SOIL BORINGS

BID SET
OCTOBER 2026

PLANS PREPARED BY:

Kimley»Horn

CONSULTING ENGINEERS AND PLANNERS
1700 SE 17TH STREET
SUITE 200
OCALA, FLORIDA 34471
TEL: (352) 438-3000
REGISTRY NO. 35106

Kimley»Horn

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1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE 352-438-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL

AMBER L. GARTNER, P.E.

FLORIDA LICENSE NUMBER

72294

DATE: _____

KHA PROJECT

142911006

DATE

OCTOBER 2026

SCALE

AS SHOWN

DESIGNED BY

KHA

DRAWN BY

DSC

CHECKED BY

ALG

COVER SHEET

SR 464 AND SE 25TH
AVENUE INTERSECTION
IMPROVEMENTS

PREPARED FOR

CITY OF OCALA

FLORIDA

SHEET NUMBER

C001

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

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CALL 2 WORKING DAYS
BEFORE YOU DIG



IT'S THE LAW!
DIAL 811

Know what's below.
Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

PAY ITEM NOTES

(ALL TRAFFIC EQUIPMENT MUST BE ON THE FDOT APL, AND MUST BE APPROVED BY CITY OF OCALA BEFORE PROCUREMENT)

PAY ITEM NO. 101-1
REMOVAL OF CONFLICTING PAVEMENT MARKINGS SHALL BE INCLUDED WITH THIS PAY ITEM. METHOD FOR PAVEMENT MARKING REMOVAL SHALL BE WATER BLASTING.

PAY ITEM NO. 102-1
THIS ITEM IS LUMP SUM AND SHALL INCLUDE ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT NECESSARY TO IMPLEMENT AND MAINTAIN THE APPROVED TRAFFIC CONTROL PLAN. THE CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE TRAFFIC CONTROL PLAN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS THE MINIMUM REQUIREMENTS OF FDM SECTIONS 240 AND 921, AND PROVIDE IT TO THE CITY OF OCALA AND FDOT OCALA OPERATIONS OFFICE FOR REVIEW.

PAY ITEM NO. 102-107-1
THIS ITEM WILL BE PAID LUMP SUM TO INCLUDE MAINTENANCE OF THE TRAFFIC SIGNAL FOR THE DURATION OF THE CONTRACT TIME AND INSTALLATION AND MAINTENANCE OF TEMPORARY TRAFFIC DETECTION FOR THE TIME PERIOD BETWEEN WHEN THE EXISTING DETECTION IS REMOVED AND THE PERMANENT DETECTION IS OPERATIONAL AND THE FINAL LANE CONFIGURATION IS IN PLACE.

PAY ITEM NO. 110-1-1
THIS ITEM IS TO INCLUDE THE REMOVAL OF UN-NEEDED PULL BOXES AND CONDUIT.

PAY ITEM NO. 120-6
PAYMENT INCLUDES REWORK OF THE STABILIZED SHOULDER PER THE PLAN AND SWALE.

PAY ITEM NO. 635-2-11 AND 635-2-12
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SIZE THE PULL BOXES SUCH THAT THEY WILL ALLOW PLACEMENT OF ALL CABLES INSIDE THE PULL BOXES WHILE MAINTAINING THE REQUIRED MINIMUM BENDING RADII ON THE CABLES. PULL BOXES AND COVERS SHALL BE NON-METALLIC CONSTRUCTION WITH RECESSED COVER. SHALL INCLUDE CONSTRUCTION OF A 12" WIDE BY 6" DEEP CONCRETE APRON AROUND THE NEW PULL BOX. PULL BOX COVERS SHALL BE LABELED PER FY 2026-27, FDOT STANDARD SPECIFICATION 996-5.1.1.

PAY ITEM NO. 700-5-50
THIS ITEM INCLUDES ALL NECESSARY LABOR, HARDWARE, AND EQUIPMENT TO REMOVE SIGN FROM EXISTING POLE AND MOUNT TO NEW POLE 700-5-50.

PAY ITEM NO. 632-7-1 SHALL BE INSTALLED PER STANDARD PLANS INDEX 634-001 AS APPLICABLE.

PAY ITEM NO. 641-2-80 SHALL BE INSTALLED PER SECTION 630 OF THE FDOT STANDARD SPECIFICATIONS. ALL CONDUITS SHALL ENTER PULL BOXES AS REQUIRED IN STANDARD PLANS INDEX 635-001. ALL CONDUIT SHALL BE 2 INCH SCHEDULE 40 PVC UNLESS SPECIFIED OTHERWISE IN THE PLANS OR SPECIFICATIONS. SEE SPECIFIC PLANS SHEETS FOR NUMBER OF RUNS REQUIRED FOR EACH BORE.

PAY ITEM NO. 635-2: THIS ITEM SHALL INCLUDE THE ADJUSTING OF THE EXISTING FIBER OPTIC SPLICE BOX TOP TO THE PROPOSED GRADE.

PAY ITEM NO. 641-2-80: SHALL INCLUDE THE COMPLETE REMOVAL OF SIGNAL HEADS, SPAN WIRE AND ALL OTHER ASSOCIATED ATTACHMENTS NOT SHOWN FOR RELOCATION. (SEE FDOT BASIS OF ESTIMATES FOR DETAILS)

PAY ITEM NO. 650-1-AB SHALL BE BLACK IN COLOR AND INCLUDE FULL TUNNEL VISORS. ALL SIGNAL DISPLAYS SHALL BE L.E.D. AND BE EQUIPPED WITH YELLOW RETRO-REFLECTIVE FLEXIBLE BACKPLATES.

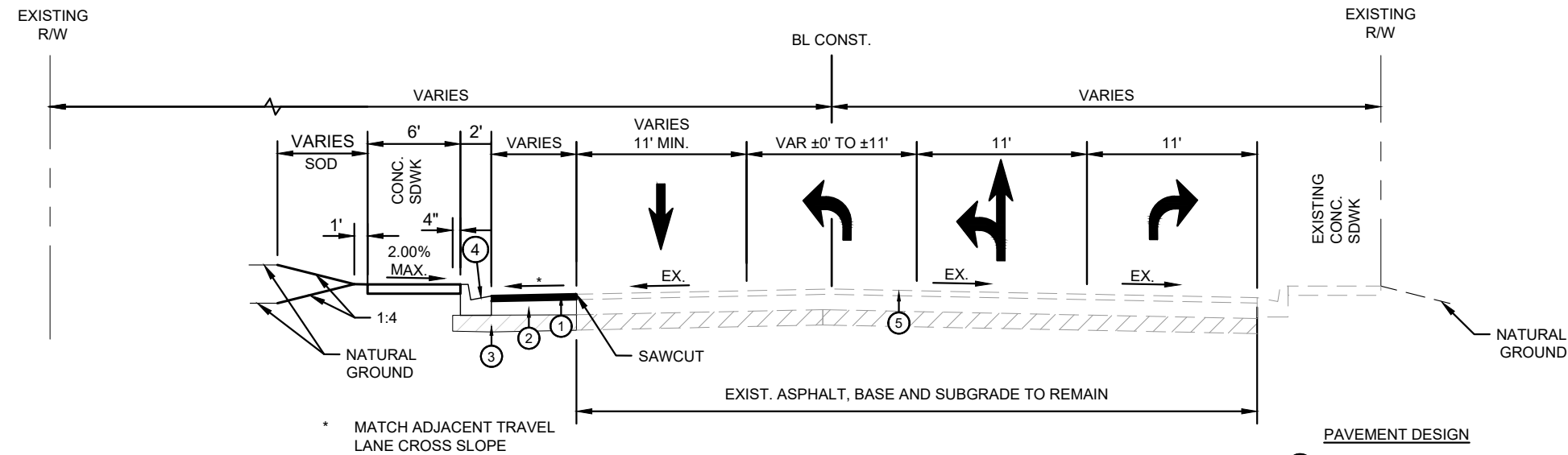
PAY ITEM NO. 660-2-102, 660-2-106: SHALL INCLUDE ALL LOOP WIRE NECESSARY TO COMPLETE THE INSTALLATION OF THE LOOPS. SHALL INCLUDE SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE IN EXISTING PULL BOX, WHERE APPLICABLE.

PAY ITEM NO. 670-5-710: INCLUDE ALL LABOR AND EQUIPMENT TO IMPLEMENT THE SIGNAL TIMING PLAN AS INDICATED ON SHEET T-1A.

PAY ITEM NO. 715-5-30 INCLUDES ALL HARDWARE AND LABOR TO INSTALL LUMINAIRE TO BE PROVIDED BY THE CITY OF OCALA ON NEW STRAIN POLE

PAY ITEM NO. 715-68-000: PAYMENT INCLUDES REMOVAL OF OLD FOUNDATION, INSTALLATION OF NEW FOUNDATION, AND ALL INCIDENTALS FOR INSTALLATION/OPERATION

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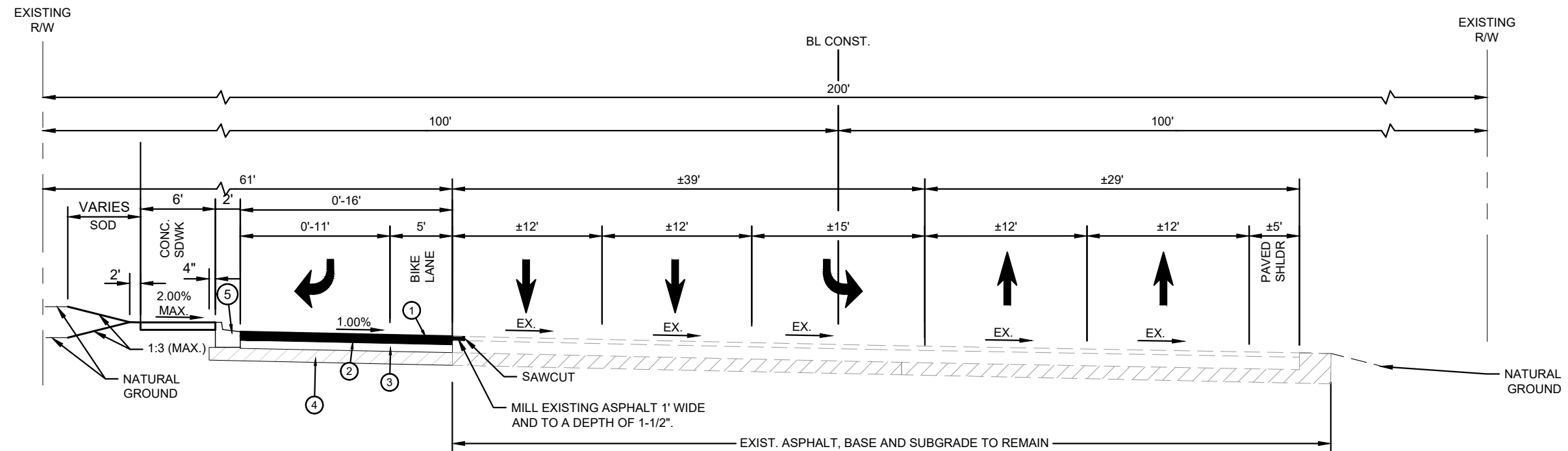


SE 25TH AVENUE
TYPICAL SECTION

DESIGN SPEED 30 MPH
STA. 114+09.69 TO STA. 116+13.52

PAVEMENT DESIGN

- ① (2) 1" LIFTS TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B)
- ② 10" LIMEROCK BASE, MAX. 6" LIFTS (98% AASHTO T-180)
- ③ 12" TYPE B STABILIZATION (LBR 40 MINIMUM)
- ④ TYPE 'F' CURB AND GUTTER, (PER FDOT INDEX 520-001)
- ⑤ MILL 1.0" OF EXISTING ASPHALT & OVERLAY
WITH 1.0" TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B)



SR 464/SE MARICAMP ROAD
TYPICAL SECTION

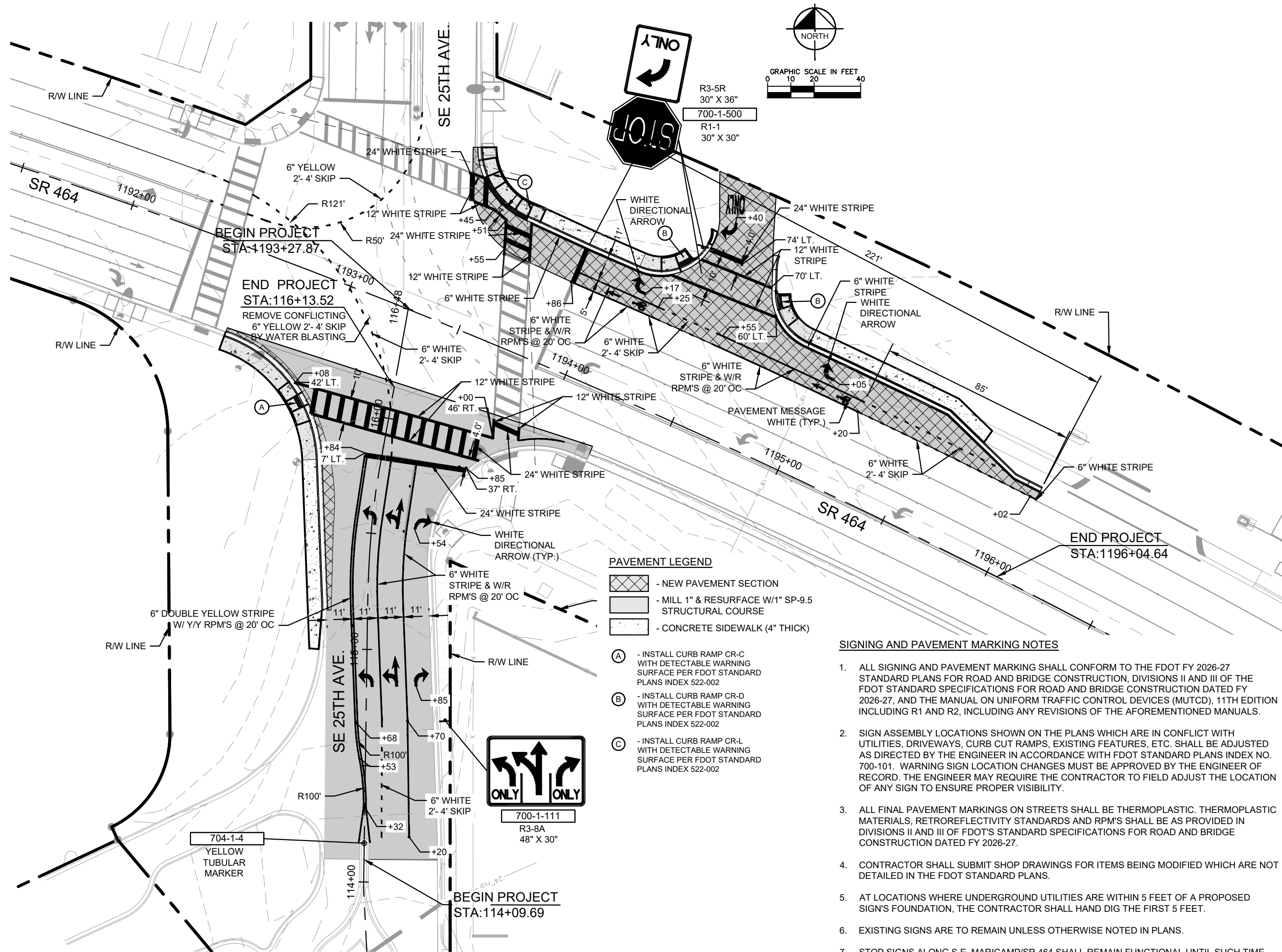
DESIGN SPEED 45 MPH
STA. 1193+27.87 TO STA. 1196+04.64

PAVEMENT DESIGN

- ① 1-1/2" FRICTION COURSE FC-12.5, (TRAFFIC C)(PG 76-22)
- ② 2-1/2" TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C)(PG 76-22)
- ③ 10" LIMEROCK BASE, MAX. 6" LIFTS (98% AASHTO T-180)
- ④ 12" TYPE B STABILIZATION (LBR 40 MINIMUM)
- ⑤ TYPE 'F' CURB AND GUTTER (PER FDOT INDEX 520-001)

NOTE: PAVEMENT SECTION FOR PROPOSED TURN LANE IS TO MATCH EXISTING PAVEMENT SECTION FOR SR 464.

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PAVEMENT LEGEND

- NEW PAVEMENT SECTION
- MILL 1" & RESURFACE W/1" SP-9.5 STRUCTURAL COURSE
- CONCRETE SIDEWALK (4" THICK)

(A)

- INSTALL CURB RAMP CR-C WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002

(B)

- INSTALL CURB RAMP CR-D WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002

(C)

- INSTALL CURB RAMP CR-L WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002

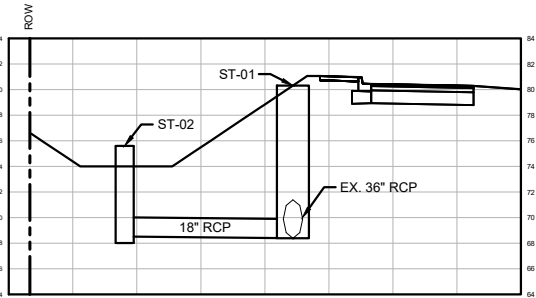
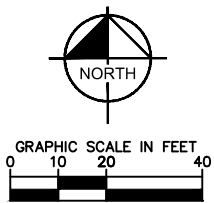
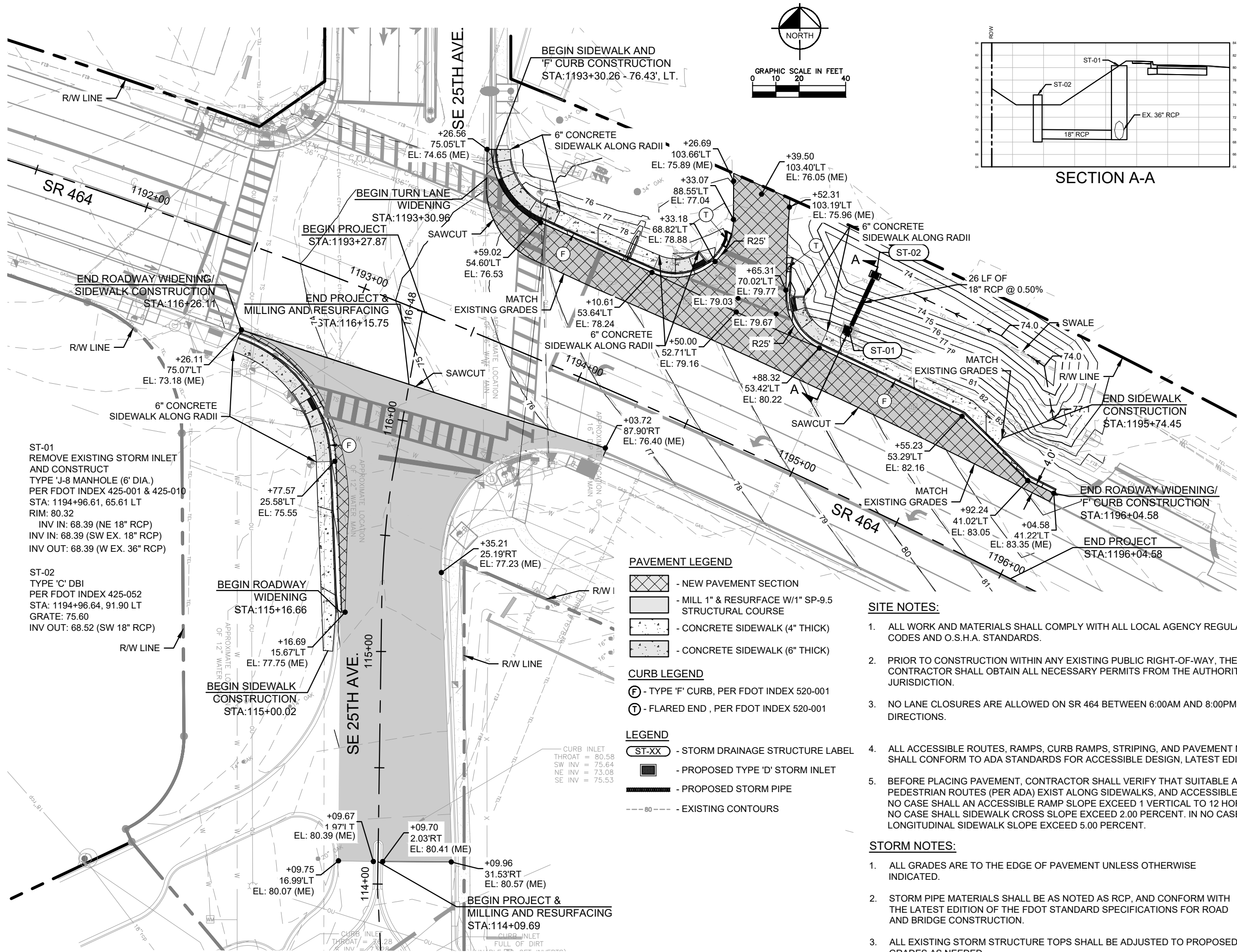
SIGNING AND PAVEMENT MARKING NOTES

- ALL SIGNING AND PAVEMENT MARKING SHALL CONFORM TO THE FDOT FY 2026-27 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, DIVISIONS II AND III OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2026-27, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 11TH EDITION INCLUDING R1 AND R2, INCLUDING ANY REVISIONS OF THE AFOREMENTIONED MANUALS.
- SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH UTILITIES, DRIVEWAYS, CURB CUT RAMPS, EXISTING FEATURES, ETC. SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX NO. 700-101. WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO FIELD ADJUST THE LOCATION OF ANY SIGN TO ENSURE PROPER VISIBILITY.
- ALL FINAL PAVEMENT MARKINGS ON STREETS SHALL BE THERMOPLASTIC. THERMOPLASTIC MATERIALS, RETROREFLECTIVITY STANDARDS AND RPM'S SHALL BE AS PROVIDED IN DIVISIONS II AND III OF FDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2026-27.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ITEMS BEING MODIFIED WHICH ARE NOT DETAILED IN THE FDOT STANDARD PLANS.
- AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN 5 FEET OF A PROPOSED SIGN'S FOUNDATION, THE CONTRACTOR SHALL HAND DIG THE FIRST 5 FEET.
- EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED IN PLANS.
- STOP SIGNS ALONG S.E. MARICAMP/SR 464 SHALL REMAIN FUNCTIONAL UNTIL SUCH TIME AS THE SIGNAL IS FULLY OPERATIONAL AND ACCEPTED BY THE MAINTAINING AGENCY

SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA		SHEET NUMBER C008	
SIGNING & MARKING PLAN		KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG DATE: _____	
LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294		Kimley»Horn © 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108	
		NO.	BY
		REVISIONS	DATE
		Δ	BID SET - NOT FOR CONSTRUCTION

NOTES: 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FDOT, 2004 EDITION, WITH THE LATEST REVISIONS. 2. ALL EXISTING STORM STRUCTURE TOPS SHALL BE ADJUSTED TO PROPOSED GRADES AS NEEDED. 3. NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.00 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.00 PERCENT. 4. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXIST ALONG SIDEWALKS, AND ACCESSIBLE ROUTES. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.00 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.00 PERCENT. 5. PRIOR TO CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE AUTHORITY HAVING JURISDICTION. 6. NO LANE CLOSURES ARE ALLOWED ON SR 464 BETWEEN 6:00AM AND 8:00PM FOR BOTH DIRECTIONS. 7. ALL ACCESSIBLE ROUTES, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION. 8. ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. 9. STORM PIPE MATERIALS SHALL BE AS NOTED AS RCP, AND CONFORM WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. 10. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL AGENCY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.

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SECTION A-A

PAVEMENT LEGEND

- NEW PAVEMENT SECTION
- MILL 1" & RESURFACE W/1" SP-9.5 STRUCTURAL COURSE
- CONCRETE SIDEWALK (4" THICK)
- CONCRETE SIDEWALK (6" THICK)

CURB LEGEND

- TYPE 'F' CURB, PER FDOT INDEX 520-001
- FLARED END, PER FDOT INDEX 520-001

LEGEND

- ST-XX - STORM DRAINAGE STRUCTURE LABEL
- PROPOSED TYPE 'D' STORM INLET
- PROPOSED STORM PIPE
- EXISTING CONTOURS

SITE NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL AGENCY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- PRIOR TO CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE AUTHORITY HAVING JURISDICTION.
- NO LANE CLOSURES ARE ALLOWED ON SR 464 BETWEEN 6:00AM AND 8:00PM FOR BOTH DIRECTIONS.
- ALL ACCESSIBLE ROUTES, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
- BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXIST ALONG SIDEWALKS, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.00 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.00 PERCENT.

STORM NOTES:

- ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
- STORM PIPE MATERIALS SHALL BE AS NOTED AS RCP, AND CONFORM WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL EXISTING STORM STRUCTURE TOPS SHALL BE ADJUSTED TO PROPOSED GRADES AS NEEDED.

Kimley-Horn

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1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE 352.438-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

LICENSED PROFESSIONAL

AMBER L. GARTNER, P.E.

FLORIDA LICENSE NUMBER

72294

KHA PROJECT

142911006

DATE

APRIL 2026

SCALE

AS SHOWN

DESIGNED BY

KHA

DRAWN BY

DSC

CHECKED BY

ALG

**GRADING &
DRAINAGE PLAN**

**SR 464 AND SE 25TH
AVENUE INTERSECTION
IMPROVEMENTS
PREPARED FOR
CITY OF OCALA**

FLORIDA

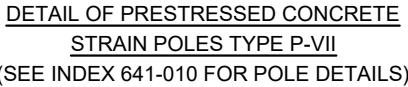
SHEET NUMBER
C009

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NO.	REVISIONS	DATE	BY
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NO. 24, 18" C&G 1/2" = 1' SCALE, 1/4" = 1' SCALE, 1/8" = 1' SCALE, 1/16" = 1' SCALE, 1/32" = 1' SCALE, 1/64" = 1' SCALE, 1/128" = 1' SCALE, 1/256" = 1' SCALE, 1/512" = 1' SCALE, 1/1024" = 1' SCALE, 1/2048" = 1' SCALE, 1/4096" = 1' SCALE, 1/8192" = 1' SCALE, 1/16384" = 1' SCALE, 1/32768" = 1' SCALE, 1/65536" = 1' SCALE, 1/131072" = 1' SCALE, 1/262144" = 1' SCALE, 1/524288" = 1' SCALE, 1/1048576" = 1' SCALE, 1/2097152" = 1' SCALE, 1/4194304" = 1' SCALE, 1/8388608" = 1' SCALE, 1/16777216" = 1' SCALE, 1/33554432" = 1' SCALE, 1/67108864" = 1' SCALE, 1/134217728" = 1' SCALE, 1/268435456" = 1' SCALE, 1/536870912" = 1' SCALE, 1/1073741824" = 1' SCALE, 1/2147483648" = 1' SCALE, 1/4294967296" = 1' SCALE, 1/8589934592" = 1' SCALE, 1/17179869184" = 1' SCALE, 1/34359738368" = 1' SCALE, 1/68719476736" = 1' SCALE, 1/137438953472" = 1' SCALE, 1/274877906944" = 1' SCALE, 1/549755813888" = 1' SCALE, 1/1099511627776" = 1' SCALE, 1/2199023255552" = 1' SCALE, 1/4398046511104" = 1' SCALE, 1/8796093022208" = 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GENERAL NOTES: * DENOTES EXISTING POLE TO REMAIN

- THIS DESIGN IS FOR SPAN WIRE ASSEMBLY WITH TWO-POINT ATTACHMENTS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE FY 2026-27 EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. FOUNDATION NOTES:
- 1) DESIGN BASED ON INFORMATION PROVIDED IN THE SIGNED GEOTECHNICAL REPORT PROVIDED BY GEOTECH, INC, DATED APRIL 26, 2023. (PROJECT # 23-7154.04.1)
- POLE 1-1
- SOIL FRICTION ANGLE = 28°
- EFFECTIVE UNIT WEIGHT = 37.6 PCF
- POLE 1-2
- SOIL FRICTION ANGLE = 28.2°
- EFFECTIVE UNIT WEIGHT = 44.2 PCF
- POLE 1-3
- SOIL FRICTION ANGLE = 29.1°
- EFFECTIVE UNIT WEIGHT = 43.8 PCF
- POLE 1-4
- SOIL FRICTION ANGLE = 29.4°
- EFFECTIVE UNIT WEIGHT = 44.0 PCF
3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
4. PRESTRESSED CONCRETE STRAIN POLES SHALL BE CONSTRUCTED WITH A CONCRETE FOOTING AS PER SECTION 641-4.2.
5. WORK THIS SHEET WITH THE FDOT FY 2026-27 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, WITH APPLICABLE DESIGN STANDARD MODIFICATIONS. SEE INDEX 641-010 FOR CONCRETE POLES AND 634-001 FOR SIGN CABLE AND SPAN WIRE INSTALLATION DETAILS.
6. DESIGN WIND SPEED = 140 MPH

Project: **LEGENDS AT MARICAMP DEVELOPMENT, SE MARICMP RD** Project No: **23-7154.04.1**

Boring Location: **(SEE BORING LOCATION MAP)** Engineer: **NJH/CAH**

Client: **TRIMCOR CONSTRUCTION OF FLORIDA, LLC** Enclosure: **BORING MAP**

[illegible]

Ground Water Depth: GREATER THAN 10.0 FEET
Drill Date: APRIL 25, 2023

Remarks: (SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW

Drilled By: CC/CM/WH/LE
Drill Method: ASTM D-1586

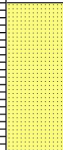
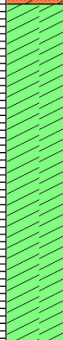
Soil Profile : 8 OF 11

Project: **LEGENDS AT MARICAMP DEVELOPMENT, SE MARICAMP RD** Project No: **23-7154.04.1**

Boring Location: **(SEE BORING LOCATION MAP)** Engineer: **NJH/CAH**

Client: **TRIMCOR CONSTRUCTION OF FLORIDA, LLC** Enclosure: **BORING MAP**



Depth (ft)	Symbol	Description	Consistency	Depth/Elev.	Number	Type	Blows/ft	Standard Penetration Test				
								▲	N-Values	▲		
0		Ground Surface		0.0								
1		FINE SAND BROWN FINE SAND (SP)	HAND AUGERED POSSIBLE UTILITIES	5.0								
2												
3												
4												
5												
6		CLAYEY SAND YELLOWISH BROWN CLAYEY SAND (SC)	MEDIUM DENSE MEDIUM DENSE MEDIUM DENSE	18.5	1		11	▲	11			
7		2				17	▲	17				
8												
9												
10												
11												
12												
13												
14		3				21	▲	21				
15												
16		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)	VERY STIFF STIFF STIFF	30.0	4		17	▲	17			
19												
20												
21												
22												
23												
24		5				12	▲	12				
25												
26		End of Borehole			6		12	▲	12			
29												
30												
31												
32												
33												

Ground Water Depth: GREATER THAN 10.0 FEET
Drill Date: APRIL 24, 2023

Remarks: (SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW

Drilled By: CC/CM/WH/LE
Drill Method: ASTM D-1586

Soil Profile : 9 OF 11

SR 464 AND SE 25TH
AVENUE INTERSECTION
IMPROVEMENTS
PREPARED FOR
CITY OF OCALA

SIGNAL SOIL BORINGS

KHA PROJECT 142911006	LICENSED PROFESSIONAL
DATE APRIL 2026	AMBER L. GARTNER, P.E.
SCALE AS SHOWN	
DESIGNED BY KHA	FLORIDA LICENSE NUMBER

Kimley»Horn
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1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE: 352-438-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

