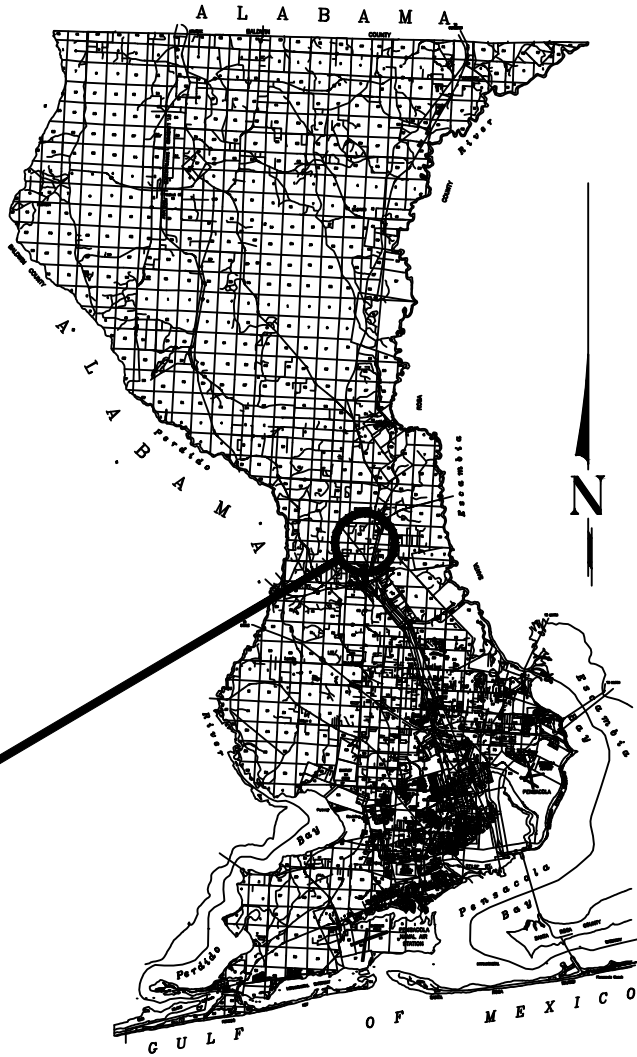




BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION



PD 23-24.010.5.5.ENG

PLANS PROPOSED FOR
**CEDAR TREE LANE
DIRT ROAD PAVING**

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	SUMMARY OF PLAN QUANTITIES
5	TYPICAL SECTION
6	PROJECT LAYOUT
7	DRAINAGE MAP
8-14	PLAN & PROFILE
15- 27	CROSS SECTIONS
28 - 36	DRAINAGE CROSS SECTIONS
37 - 43	MISCELLANEOUS DETAILS
S-1 thru S-6	STRUCTURAL PLANS

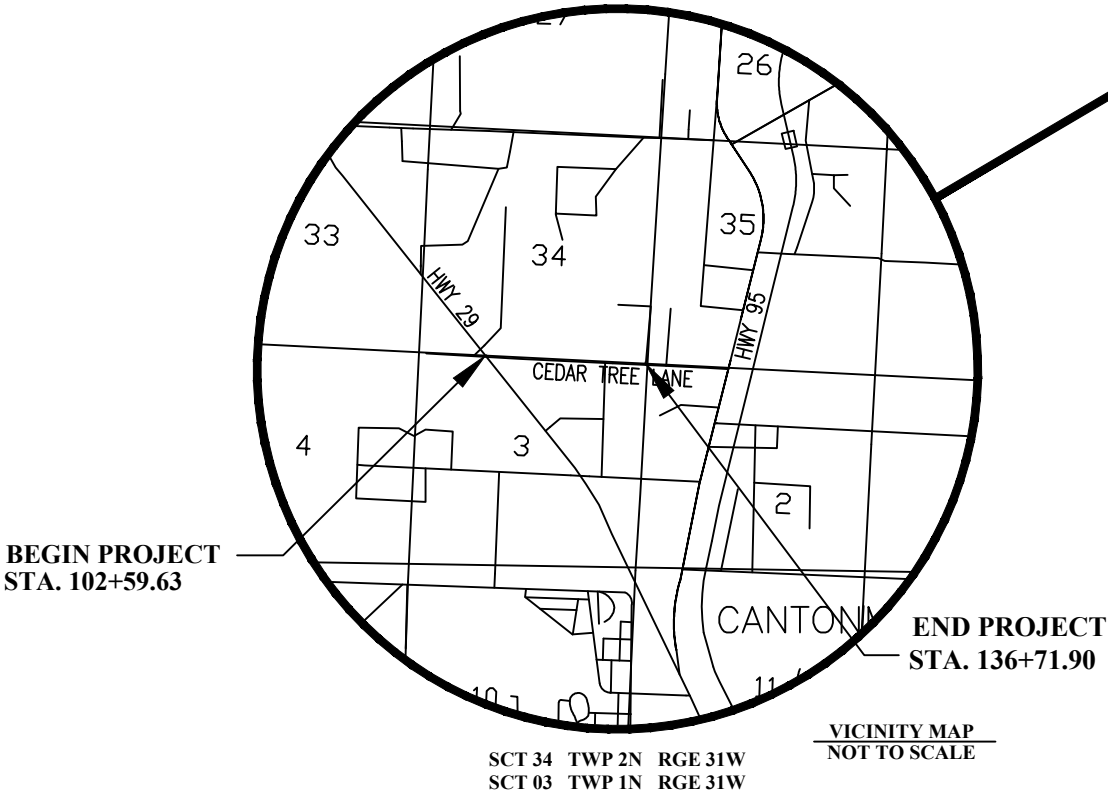
GOVERNING STANDARDS AND SPECIFICATION:
FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS DATED FY 2025-26, THE
FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED FY 2025-26, AS AMENDED BY CONTRACT DOCUMENTS, AND
THE LATEST ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IR'S ARE AVAILABLE AT
THE FOLLOWING WEBSITE:
[HTTPS://WWW.FDOT.GOV/DESIGN/STANDARDPLANS/CURRENT](https://www.fdot.gov/design/standardplans/current)

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ARE AVAILABLE AT
THE FOLLOWING WEBSITE:
[HTTPS://WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECBOOKS/DEFAULT.SHTM](https://www.fdot.gov/programmanagement/implemented/specbooks/default.shtm)

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS,
SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN
OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA
COUNTY TECHNICAL SPECIFICATIONS.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

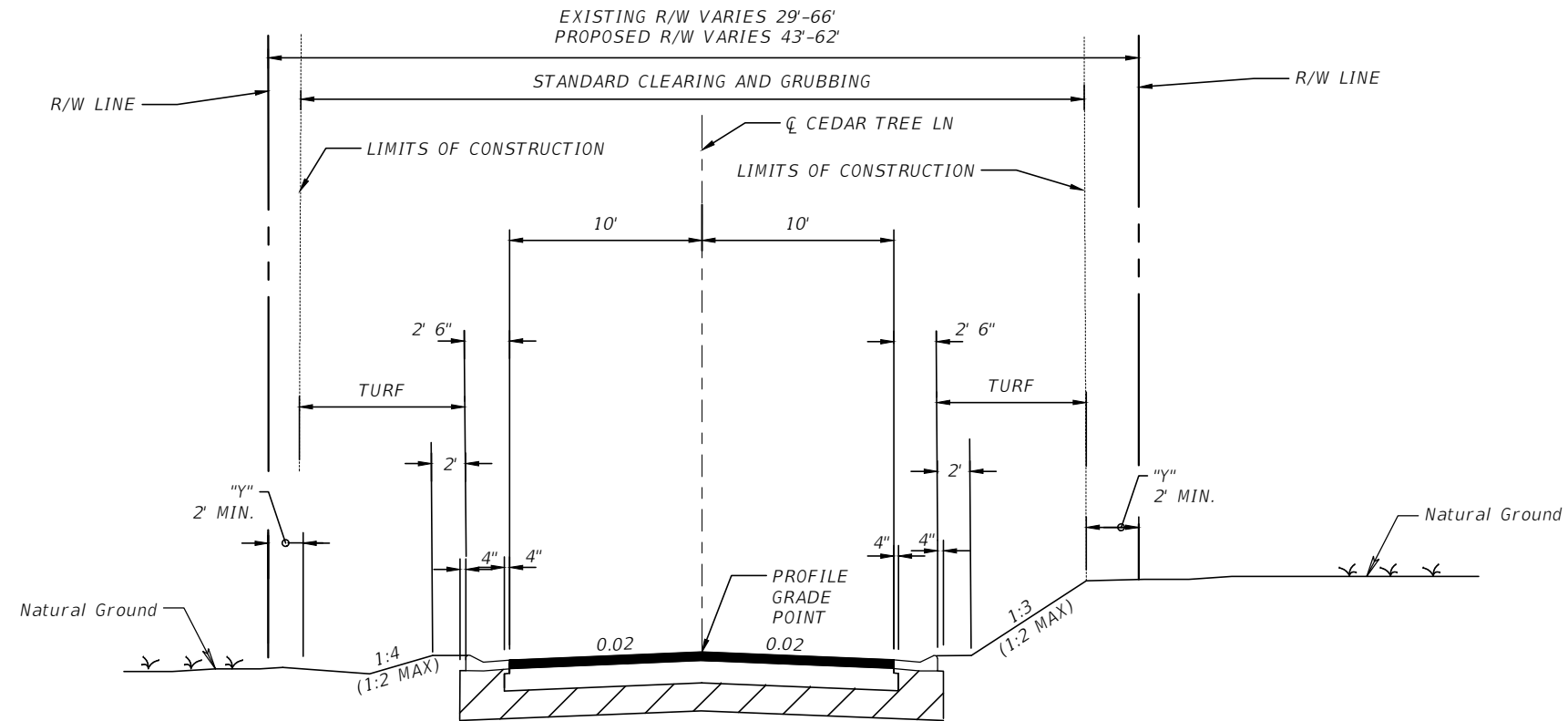


COMMISSIONERS	
DISTRICT 1	STEVE STROBERGER, VICE CHAIRMAN
DISTRICT 2	MIKE KOHLER
DISTRICT 3	LUMON MAY
DISTRICT 4	ASHLEE HOFBERGER, , CHAIRMAN
DISTRICT 5	STEVEN BARRY

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	3412	0.646
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	3412	0.646
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	3412	0.646

ESCAMBIA COUNTY PROJECT MANAGER: OMER EACRET AND ZACH LIPPOLD





"Y" THE AREA DISTURBED
BY CONSTRUCTION VARIES.

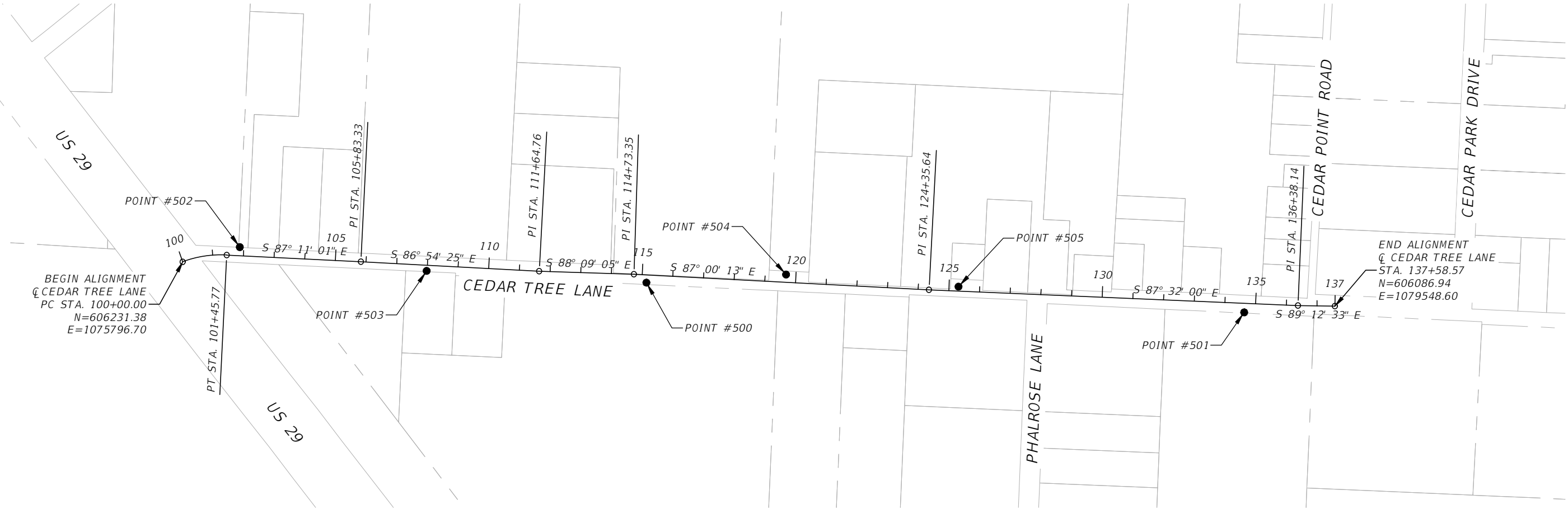
DESIGN SPEED=30 MPH
CLEAR ZONE = 4'

TYPICAL SECTION
CEDAR TREE LANE
STA. 105+76.00 TO STA. 136+47.37

PAVEMENT DESIGN
TRAVEL LANES
2" COUNTY SPEC. 2500 TYPE SP-12.5 ASPHALT
8" GRADED AGGREGATE BASE, LBR 100 @ 100% MODIFIED PROCTOR
12" STABILIZED SUBGRADE @ 98% MODIFIED PROCTOR

R E V I S I O N S				KARI ANDERSON, P.E. LICENSE NUMBER: 73720 COLUMBIA ENGINEERING SERVICES, INC. 6107 US-90 MILTON, FL 32570	PLANNING AND ENGINEERING DEPARTMENT ESCAMBIA COUNTY, FLORIDA			<i>TYPICAL SECTIONS</i>	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY	FINANCIAL PROJECT ID
----	----						CEDAR TREE		ESCAMBIA	PD 23-24.010.5.5.ENG

CURVE DATA Cedar Tree Lane (1)
PI STA. = 100+73.90
DELTA = 23° 12' 01"
D = 15° 54' 56"
T = 73.90
L = 145.77
R = 360.00
PC STA. = 100+00.00
PT STA. = 101+45.77

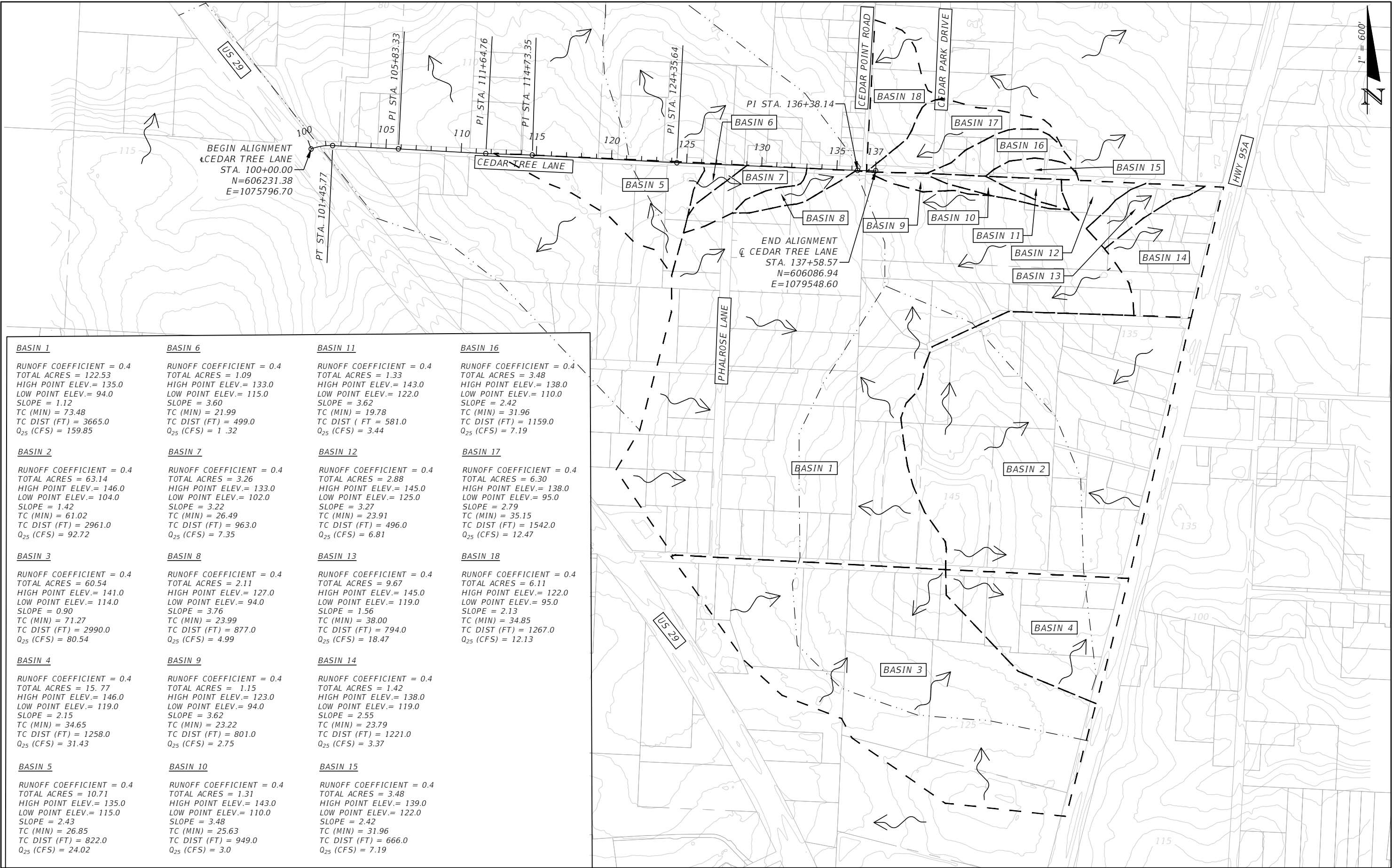


LEGEND & ABBREVIATIONS:

- = 5/8" IRON ROD & CAP
- TRAV.PT. = TRAVERSE POINT
- SSMC = SOUTHEASTERN SURVEYING & MAPPING CORPORATION

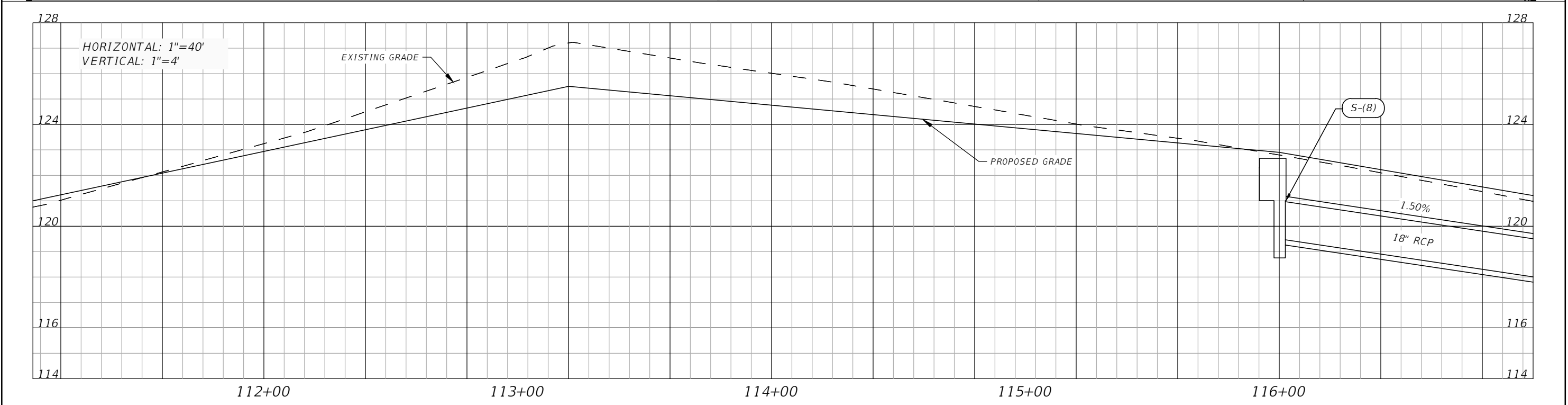
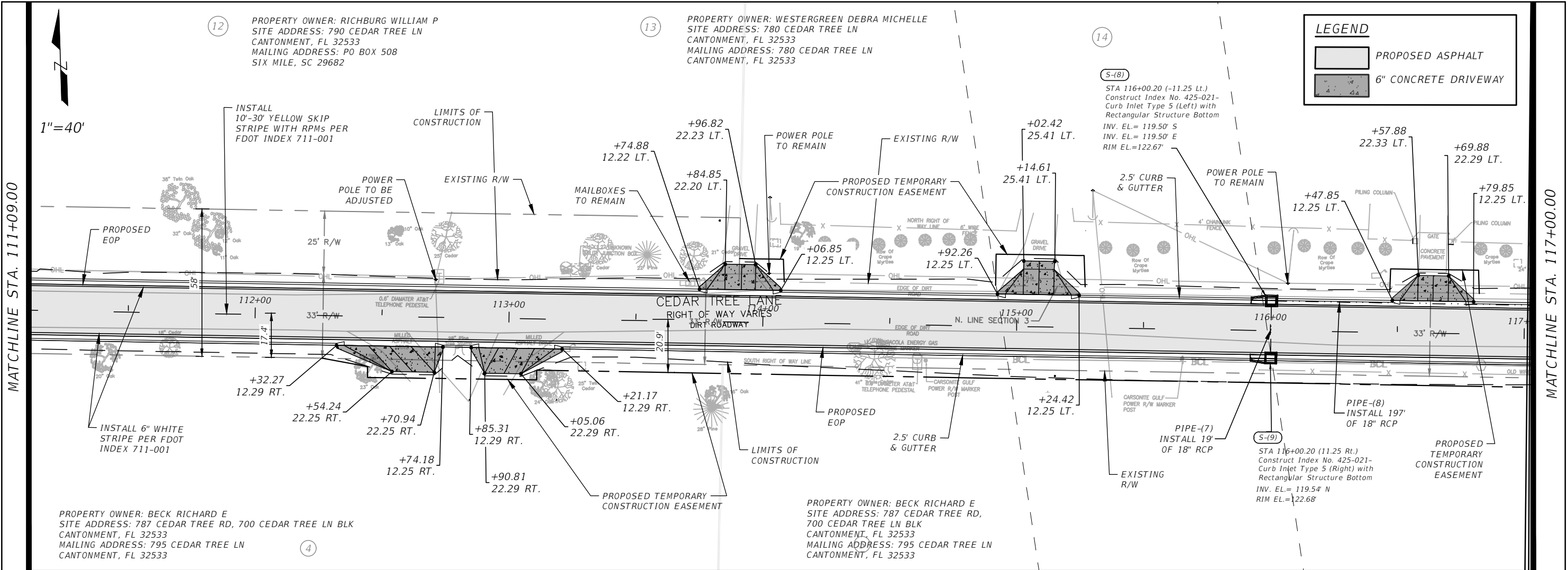
BENCHMARK DATA TABLE				
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING
502	CIRC SET 5/8" SSMC TRAV PT RTK	102.70	606279.50	1075982.30
503	CIRC SET 5/8" SSMC TRAV PT RTK	114.39	606202.00	1076590.62
500	CIRC SET 5/8" SSMC TRAV PT NRTK	126.48	606163.81	1077306.48
504	CIRC SET 5/8" SSMC TRAV PT RTK	118.22	606190.05	1077761.11
505	CIRC SET 5/8" SSMC TRAV PT RTK	121.84	606150.64	1078322.48
501	CIRC SET 5/8" SSMC TRAV PT NRTK	97.94	606066.79	1079253.00

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
----	----				CEDAR TREE	ESCAMBIA	PD 23-24.010.5.5.ENG		
									6

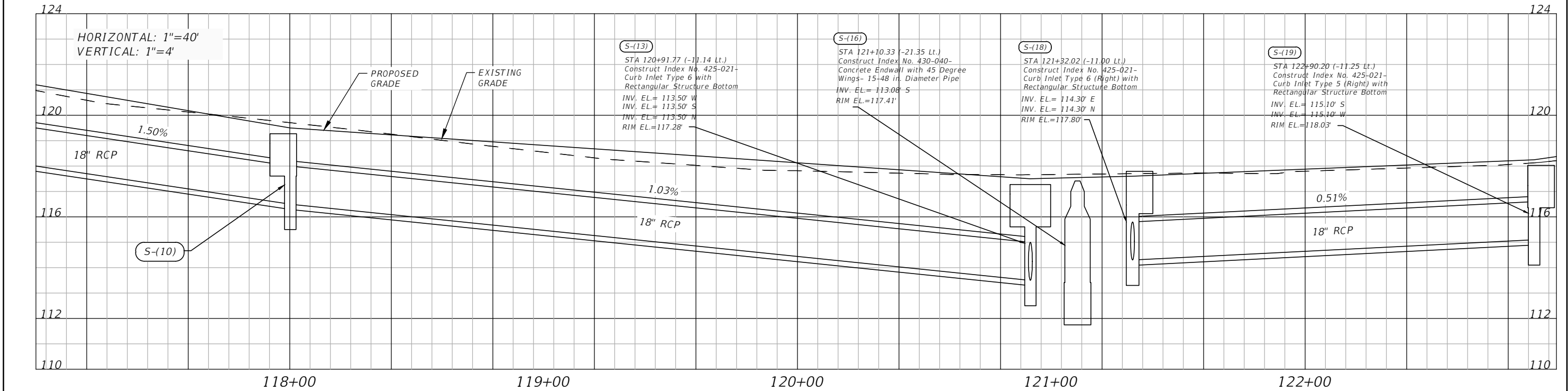
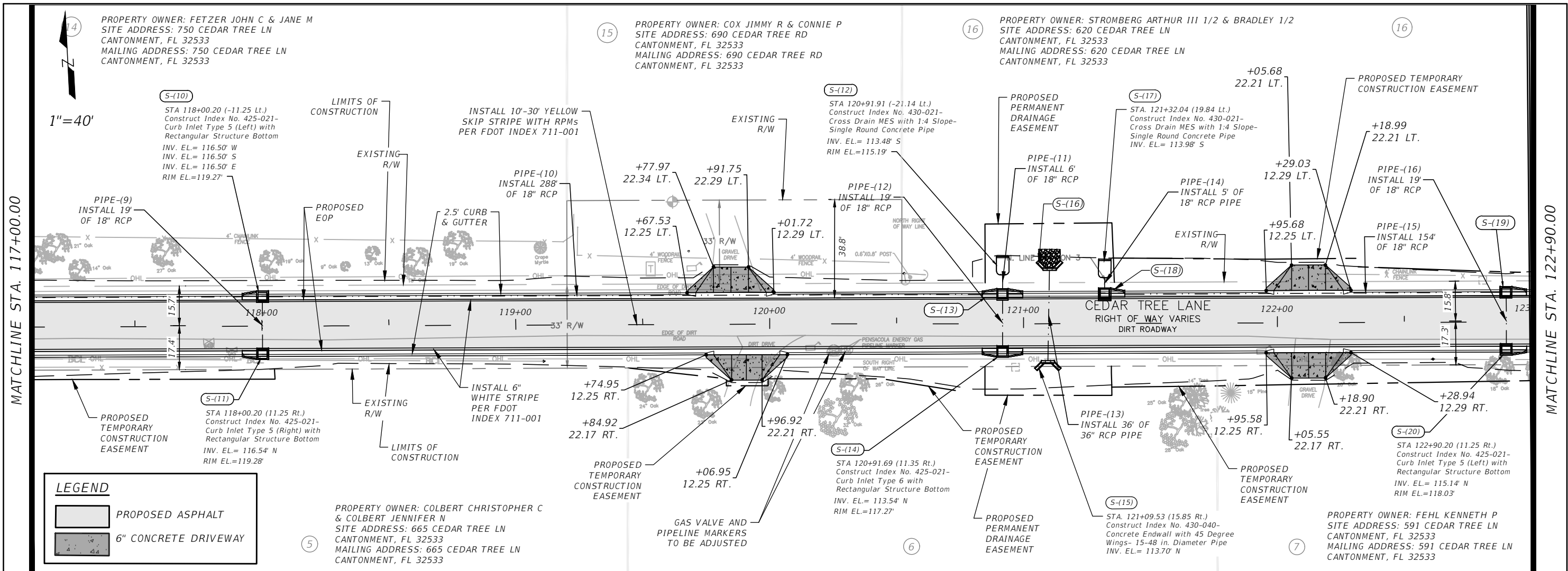


<u>BASIN 1</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 122.53 HIGH POINT ELEV.= 135.0 LOW POINT ELEV.= 94.0 SLOPE = 1.12 TC (MIN) = 73.48 TC DIST (FT) = 3665.0 Q ₂₅ (CFS) = 159.85	<u>BASIN 6</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 1.09 HIGH POINT ELEV.= 133.0 LOW POINT ELEV.= 115.0 SLOPE = 3.60 TC (MIN) = 21.99 TC DIST (FT) = 499.0 Q ₂₅ (CFS) = 1 .32	<u>BASIN 11</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 1.33 HIGH POINT ELEV.= 143.0 LOW POINT ELEV.= 122.0 SLOPE = 3.62 TC (MIN) = 19.78 TC DIST (FT = 581.0 Q ₂₅ (CFS) = 3.44	<u>BASIN 16</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 3.48 HIGH POINT ELEV.= 138.0 LOW POINT ELEV.= 110.0 SLOPE = 2.42 TC (MIN) = 31.96 TC DIST (FT) = 1159.0 Q ₂₅ (CFS) = 7.19
<u>BASIN 2</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 63.14 HIGH POINT ELEV.= 146.0 LOW POINT ELEV.= 104.0 SLOPE = 1.42 TC (MIN) = 61.02 TC DIST (FT) = 2961.0 Q ₂₅ (CFS) = 92.72	<u>BASIN 7</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 3.26 HIGH POINT ELEV.= 133.0 LOW POINT ELEV.= 102.0 SLOPE = 3.22 TC (MIN) = 26.49 TC DIST (FT) = 963.0 Q ₂₅ (CFS) = 7.35	<u>BASIN 12</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 2.88 HIGH POINT ELEV.= 145.0 LOW POINT ELEV.= 125.0 SLOPE = 3.27 TC (MIN) = 23.91 TC DIST (FT) = 496.0 Q ₂₅ (CFS) = 6.81	<u>BASIN 17</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 6.30 HIGH POINT ELEV.= 138.0 LOW POINT ELEV.= 95.0 SLOPE = 2.79 TC (MIN) = 35.15 TC DIST (FT) = 1542.0 Q ₂₅ (CFS) = 12.47
<u>BASIN 3</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 60.54 HIGH POINT ELEV.= 141.0 LOW POINT ELEV.= 114.0 SLOPE = 0.90 TC (MIN) = 71.27 TC DIST (FT) = 2990.0 Q ₂₅ (CFS) = 80.54	<u>BASIN 8</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 2.11 HIGH POINT ELEV.= 127.0 LOW POINT ELEV.= 94.0 SLOPE = 3.76 TC (MIN) = 23.99 TC DIST (FT) = 877.0 Q ₂₅ (CFS) = 4.99	<u>BASIN 13</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 9.67 HIGH POINT ELEV.= 145.0 LOW POINT ELEV.= 119.0 SLOPE = 1.56 TC (MIN) = 38.00 TC DIST (FT) = 794.0 Q ₂₅ (CFS) = 18.47	<u>BASIN 18</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 6.11 HIGH POINT ELEV.= 122.0 LOW POINT ELEV.= 95.0 SLOPE = 2.13 TC (MIN) = 34.85 TC DIST (FT) = 1267.0 Q ₂₅ (CFS) = 12.13
<u>BASIN 4</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 15.77 HIGH POINT ELEV.= 146.0 LOW POINT ELEV.= 119.0 SLOPE = 2.15 TC (MIN) = 34.65 TC DIST (FT) = 1258.0 Q ₂₅ (CFS) = 31.43	<u>BASIN 9</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 1.15 HIGH POINT ELEV.= 123.0 LOW POINT ELEV.= 94.0 SLOPE = 3.62 TC (MIN) = 23.22 TC DIST (FT) = 801.0 Q ₂₅ (CFS) = 2.75	<u>BASIN 14</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 1.42 HIGH POINT ELEV.= 138.0 LOW POINT ELEV.= 119.0 SLOPE = 2.55 TC (MIN) = 23.79 TC DIST (FT) = 1221.0 Q ₂₅ (CFS) = 3.37	
<u>BASIN 5</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 10.71 HIGH POINT ELEV.= 135.0 LOW POINT ELEV.= 115.0 SLOPE = 2.43 TC (MIN) = 26.85 TC DIST (FT) = 822.0 Q ₂₅ (CFS) = 24.02	<u>BASIN 10</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 1.31 HIGH POINT ELEV.= 143.0 LOW POINT ELEV.= 110.0 SLOPE = 3.48 TC (MIN) = 25.63 TC DIST (FT) = 949.0 Q ₂₅ (CFS) = 3.0	<u>BASIN 15</u> RUNOFF COEFFICIENT = 0.4 TOTAL ACRES = 3.48 HIGH POINT ELEV.= 139.0 LOW POINT ELEV.= 122.0 SLOPE = 2.42 TC (MIN) = 31.96 TC DIST (FT) = 666.0 Q ₂₅ (CFS) = 7.19	

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DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
----						CEDAR TREE	ESCAMBIA	PD 23-24.010.5.5.ENG	7

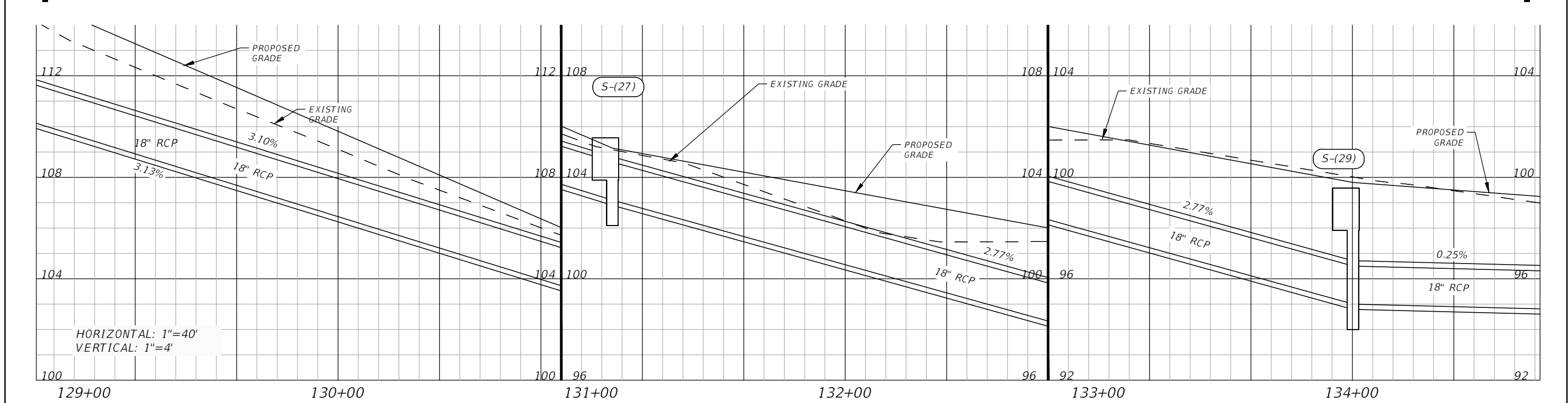
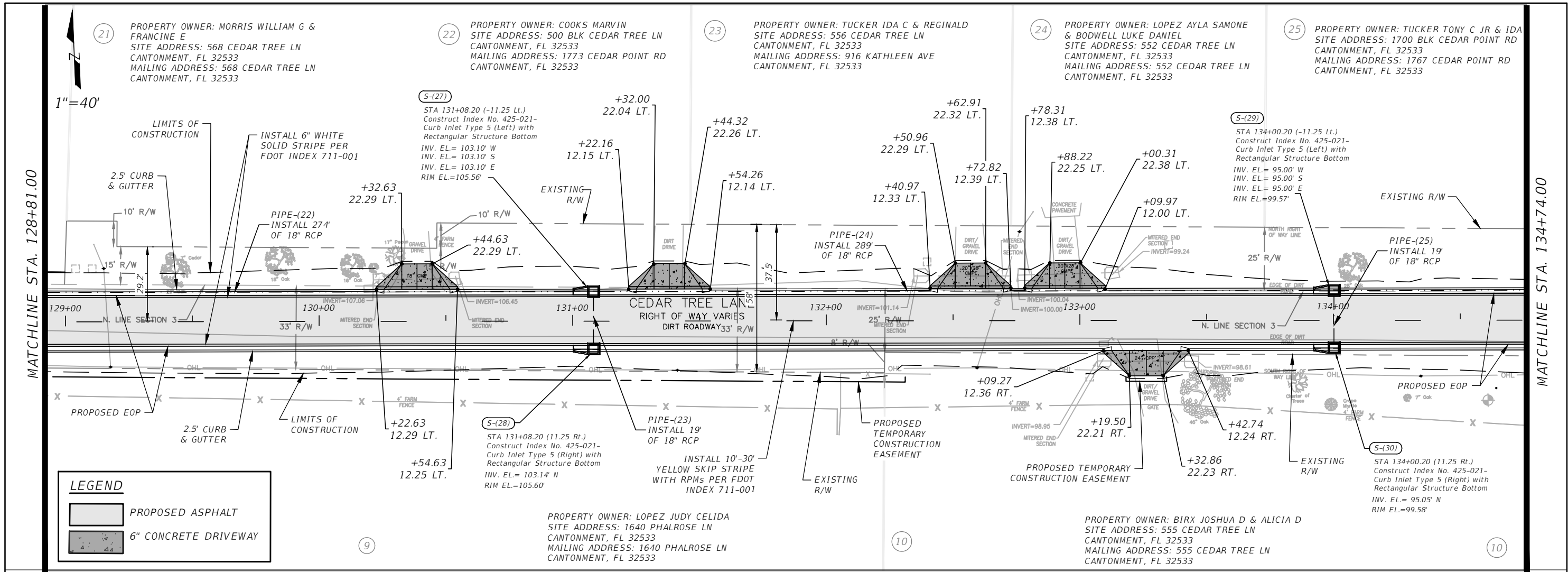


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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#	#	#							
#	#	#							
#	#	#							

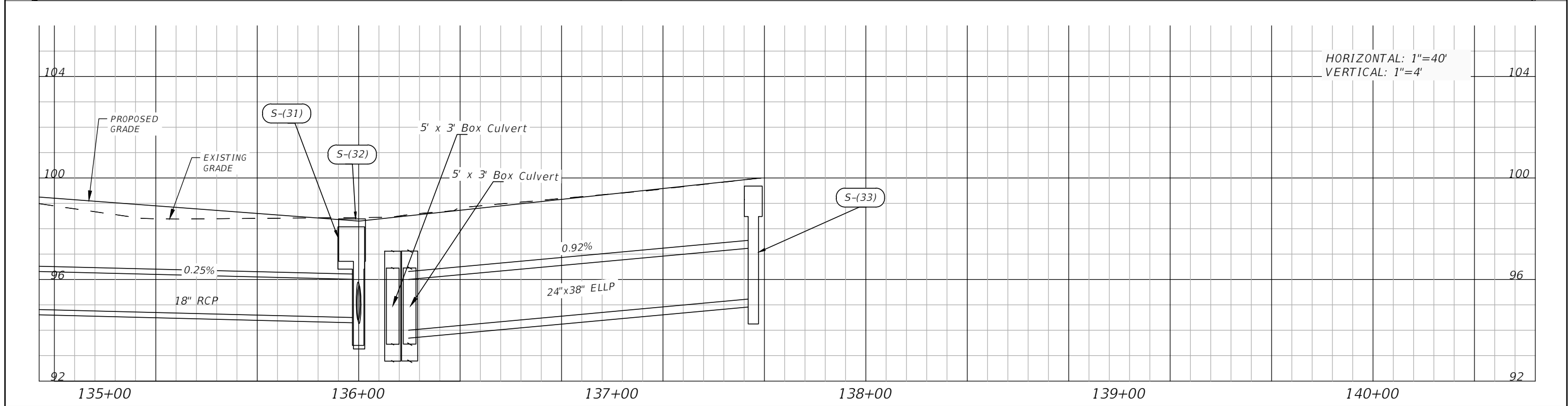
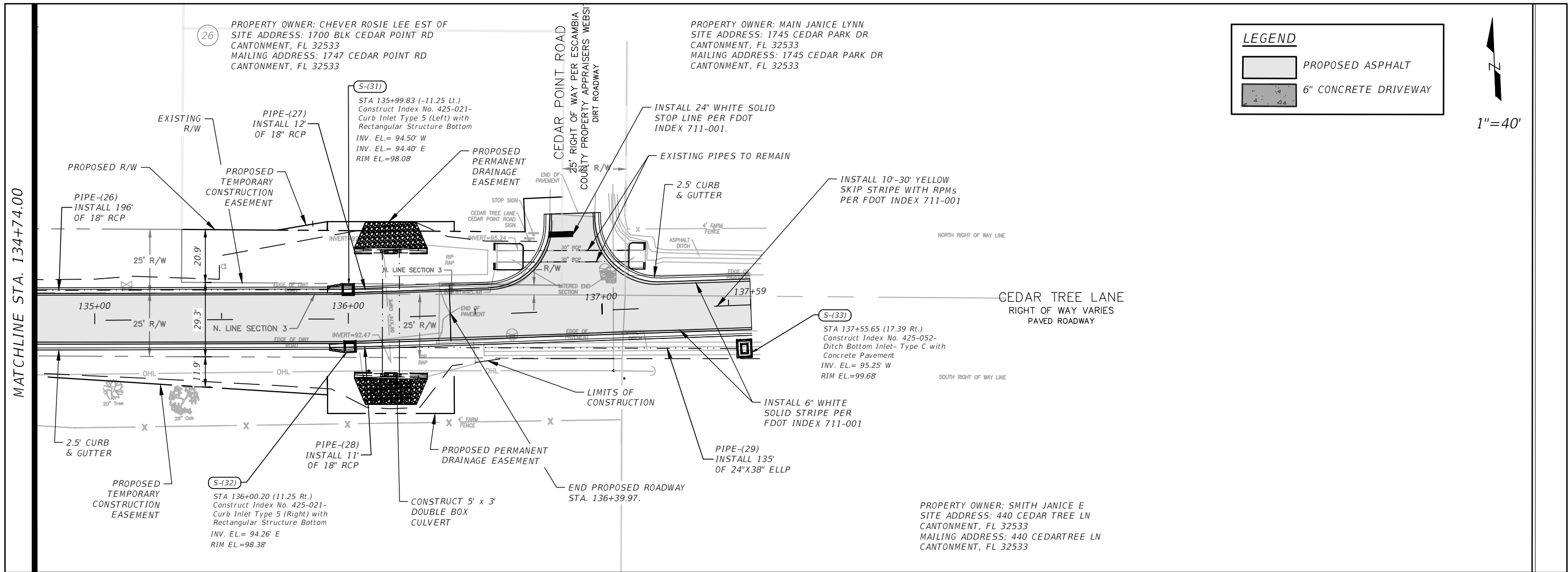


REVISIONS				KARI ANDERSON, P.E. LICENSE NUMBER: 73720 COLUMBIA ENGINEERING SERVICES, INC. 6107 US-90 MILTON, FL 32570	PLANNING AND ENGINEERING DEPARTMENT ESCAMBIA COUNTY, FLORIDA			SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
###	###	###	###		###	ESCAMBIA	PD 23-24.010.5.5.ENG	

PLAN & PROFILE



REVISIONS				KARI ANDERSON, P.E. LICENSE NUMBER: 73720 COLUMBIA ENGINEERING SERVICES, INC. 6107 US-90 MILTON, FL 32570	PLANNING AND ENGINEERING DEPARTMENT ESCAMBIA COUNTY, FLORIDA		SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION				
###	###	#	#		ROAD NO.	COUNTY	FINANCIAL PROJECT ID
#	#	#	#		###	ESCAMBIA	PD 23-24.010.5.5.ENG
#	#	#	#				



REVISIONS				KARI ANDERSON, P.E. LICENSE NUMBER: 73720 COLUMBIA ENGINEERING SERVICES, INC. 6107 US-90 MILTON, FL 32570	PLANNING AND ENGINEERING DEPARTMENT ESCAMBIA COUNTY, FLORIDA			SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
###	###	#	#		###	ESCAMBIA	PD 23-24.010.5.5.ENG	
#	#	#	#					

PLAN & PROFILE