

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LANDSCAPE PLANS

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GR-1* ROADWAY SOIL SURVEY

* This sheet is included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheet is contained in a separate digitally signed and sealed document.

BEGIN PROJECT
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 Q CONST. SLAVIA ROAD
 STA. 532+52.79
 END MILLING & RESURFACING
 END WIDENING
 BEGIN FULL CONSTRUCTION
 Q CONST. SLAVIA ROAD
 STA. 534+05.00

BEGIN MILLING & RESURFACING (SB)
 Q CONST. SR 426
 236+52.06

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

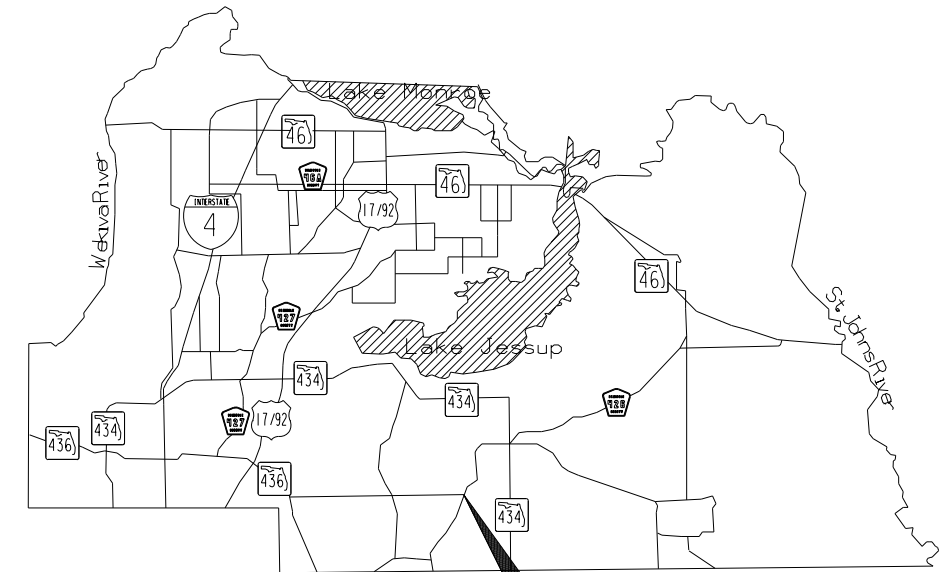
**SEMINOLE COUNTY, FLORIDA
 ENGINEERING DIVISION**

CONTRACT PLANS

PUBLIC WORKS DIRECTOR /
 COUNTY ENGINEER
 JEAN JREIJ, P.E.



**SLAVIA ROAD IMPROVEMENTS
 FROM RED BUG LAKE ROAD
 TO SR 426 (ALOMA AVENUE)
 COUNTY PROJECT NO. PS- 2552-19/GCM
 CAPITAL IMPROVEMENT PROJECT NO. 01785146**



PROJECT LOCATION
 DISTRICT 1 & 2

END MILLING & RESURFACING
 B CONST. LUKAS LANE
 STA. 102+80.00

BEGIN MILLING & RESURFACING
 B CONST. LUKAS LANE
 STA. 100+75.76

END MILLING & RESURFACING (SB)
 Q CONST. SR 426
 236+20.00

END MILLING & RESURFACING (NB)
 Q CONST. SR 426
 236+20.00

END FULL CONSTRUCTION
 Q CONST. SLAVIA ROAD
 STA. 578+86.74

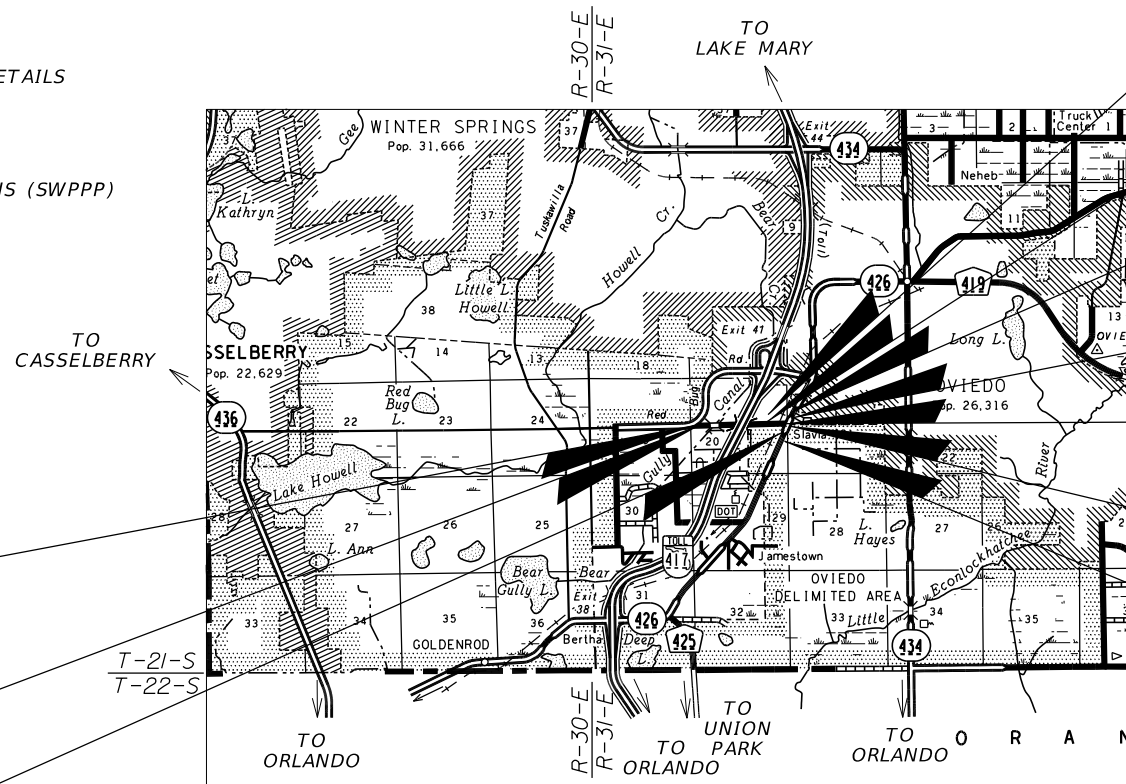
END PROJECT
 Q CONST. SLAVIA ROAD
 STA. 579+58.54

BEGIN MILLING & RESURFACING (NB)
 Q CONST. SR 426
 236+20.00

90% PLANS
 FEBRUARY 2023

ROADWAY PLANS
 ENGINEER OF RECORD:

JOSEPH KEEZEL, P.E.
 P.E. NO.: 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE, SUITE 1000
 ORLANDO, FLORIDA 32803
 VENDOR NO.: F130746510001



T-21-S
 T-22-S



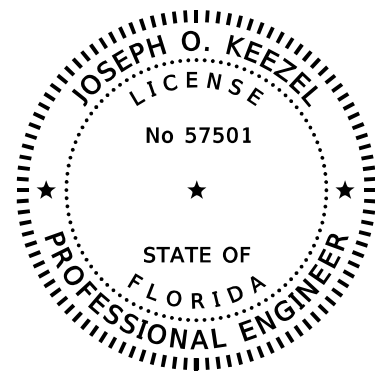
KEY SHEET REVISIONS	
DATE	DESCRIPTION

BOARD OF COUNTY COMMISSIONERS

- | | |
|-----------------|------------|
| BOB DALLARI | DISTRICT 1 |
| JAY ZEMBOWER | DISTRICT 2 |
| LEE CONSTANTINE | DISTRICT 3 |
| AMY LOCKHART | DISTRICT 4 |
| ANDRIA HERR | DISTRICT 5 |

FISCAL YEAR	SHEET NO.
24	1

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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ON THE DATE ADJACENT TO THE SEAL

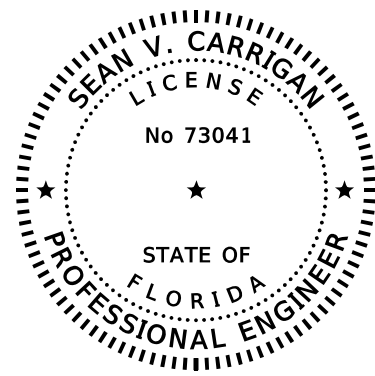
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DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
ORLANDO, FL 32803
CERTIFICATE OF AUTHORIZATION: 8794
JOSEPH O. KEEZEL, P.E. NO. 57501

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

ROADWAY PLANS

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- 2 SIGNATURE SHEET
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- 72 SPECIAL DETAILS
- 73 - 100 CROSS SECTIONS
- 166 - 173 UTILITY ADJUSTMENTS
- SQ-1 - SQ-14 SUMMARY OF QUANTITIES



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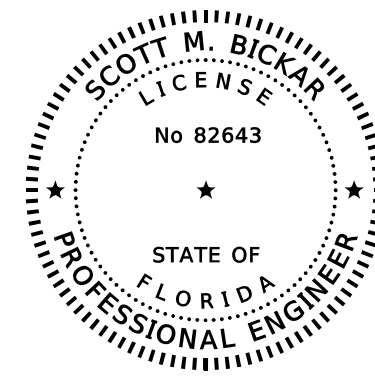
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DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
ORLANDO, FL 32803
CERTIFICATE OF AUTHORIZATION: 8794
SEAN V. CARRIGAN, P.E. NO. 73041

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

ROADWAY PLANS

- 2 SIGNATURE SHEET
- 5 - 7 DRAINAGE MAP
- 8 FLOOD DATA SUMMARY
- 12 - 13 SUMMARY OF DRAINAGE STRUCTURES
- 31 - 51 DRAINAGE STRUCTURE CROSS SECTIONS
- 52 POND DETAILS
- 53 DRAINAGE DETAILS
- 60 - 71 POND CROSS SECTIONS
- 101 - 102 STORMWATER POLLUTION PREVENTION PLANS (SWPPP)
- 103 - 110 EROSION AND SEDIMENT CONTROL PLANS



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ON THE DATE ADJACENT TO THE SEAL

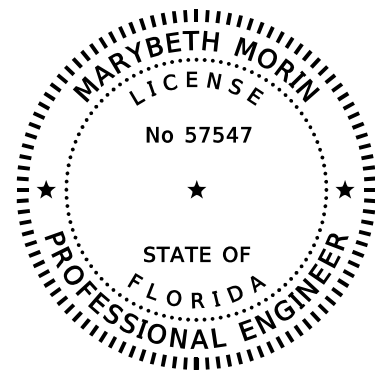
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DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
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SCOTT M. BICKAR, P.E. NO. 82643

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

ROADWAY PLANS

- 2 SIGNATURE SHEET
- 111 - 165 TEMPORARY TRAFFIC CONTROL PLANS



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DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
ORLANDO, FL 32803
CERTIFICATE OF AUTHORIZATION: 8794
MARYBETH MORIN, P.E. NO. 57547

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

ROADWAY PLANS

- 2 SIGNATURE SHEET
- 54 BOX CULVERT DATA TABLES
- 55 - 56 REINF. LIST LEFT EXT.
- 57 - 58 REINF. LIST RIGHT EXT.
- 59 CONCRETE BOX CULVERT SUPPLEMENTAL DETAILS

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>Florida's Future Starts Here</small>			SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	


SIGNATURE SHEET

SUMMARY OF PAY ITEMS

Project: <i>Slavia Road Improvements</i>			
Project Length: <i>0.9 miles</i>			
ROADWAY			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101- 1	MOBILIZATION	LS	1
102- 1	MAINTENANCE OF TRAFFIC	LS	1
102- 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	96
104- 15	SOIL TRACKING PREVENTION DEVICE	EA	1
104- 10- 3	SEDIMENT BARRIER	LF	9,442
104- 11	FLOATING TURBIDITY BARRIER	LF	45
104- 12	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	1,116
104- 18	INLET PROTECTION SYSTEM	EA	26
107-1	LITTER REMOVAL	AC	10
107-2	MOWING	AC	10
110- 1- 1	CLEARING AND GRUBBING	AC	16,233
110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,408
120- 1	REGULAR EXCAVATION	CY	58,647
120- 4	SUBSOIL EXCAVATION	CY	10,908
120- 6	EMBANKMENT	CY	33,629
160- 4	TYPE B STABILIZATION	SY	42,342
285-701	OPTIONAL BASE, BASE GROUP 1	SY	4,731
285- 709	OPTIONAL BASE, BASE GROUP 9	SY	27,530
327- 70- 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	SY	3,429
334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B (1")	TN	377
334- 1- 52	SUPERPAVE ASPHALTIC CONC, TRAFFIC B (1.5") PG 76-22	TN	2,199
337- 7- 81	ASPH CONC. FRICTION COURSE FC 12.5, TRAFFIC B (1.5") PG 76-22	TN	2,487
400- 2- 1	CONCRETE CLASS II, CULVERTS	CY	247.2
415- 1- 1	REINFORCING STEEL, ROADWAY	LBS	34,742
425- 1- 351	INLETS, CURB, TYPE P-5, <10'	EA	27
425- 1- 352	INLETS, CURB, TYPE P-5, >10'	EA	7
425- 1- 361	INLETS, CURB, TYPE P-6, <10'	EA	4
425- 1- 451	INLETS, CURB, TYPE J-5, <10'	EA	4
425- 1- 452	INLETS, CURB, TYPE J-5, >10'	EA	3
425- 1- 462	INLETS, CURB, TYPE J-6, >10'	EA	2
425- 1- 531	INLETS, DITCH BOTTOM, TYPE C MODIFIED- BACK OF SIDEWALK, <10'	EA	2
425- 1- 543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	1
425- 1- 549	INLETS, DT BOT, TYPE D, MODIFY	EA	1
425- 2-61	MANHOLES, P-8, <10'	EA	2
425- 2-91	MANHOLES, J-8, <10'	EA	8
425- 5	MANHOLE, ADJUST	EA	1
430- 174- 118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD, CONCRETE PIPE ONLY	LF	19
430- 175- 118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD, CONCRETE PIPE ONLY	LF	1,943
430- 175- 124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD, CONCRETE PIPE ONLY	LF	1,108
430- 175- 130	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 30"S/CD, CONCRETE PIPE ONLY	LF	2,123
430- 175- 136	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 36"S/CD, CONCRETE PIPE ONLY	LF	826
430- 175- 142	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 42"S/CD, CONCRETE PIPE ONLY	LF	789
430- 175- 148	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 48"S/CD, CONCRETE PIPE ONLY	LF	1,298
430- 518- 100	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 0 DEGREES, ROUND	EA	2
430- 542- 100	STRAIGHT CONCRETE ENDWALLS, 42", SINGLE, 0 DEGREES, ROUND	EA	1
430- 982- 125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1
430- 982- 129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1
430- 982- 138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	1
430- 984- 125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	2
430- 984- 129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	1

ROADWAY CONTINUED			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	20
520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	4,835
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	9,121
520-2-2	CONCRETE CURB, TYPE B	LF	94
520-70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	SY	945
522- 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,429
522- 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	572
527- 2	DETECTABLE WARNINGS	SF	594
570- 1- 2	PERFORMANCE TURF, SOD	SY	36,644

SIGNALIZATION			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,175
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,350
633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	200
633-1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	200
633-1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	1,405
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	16
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2
633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1
633-3-15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	2
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	30
635-2-12	PULL & SPLICE BOX, F&I, 24" x 36" COVER SIZE	EA	12,000
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	9
646-1-12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	2
649-21-1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	2
649-21-3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1
649-21-6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	2
649-21-10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1
649-21-15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1
650-1-14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	14
650-1-16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	5
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.0
653-1-12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	1
660-1-103	LOOP DETECTOR INDUCTIVE, F&I, TYPE 3	EA	2
660-1-104	LOOP DETECTOR INDUCTIVE, F&I, TYPE 4	EA	6
660-1-105	LOOP DETECTOR INDUCTIVE, F&I, TYPE 5	EA	8
660-1-106	LOOP DETECTOR INDUCTIVE, F&I, TYPE 6	EA	1
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	16
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	13
660-4-41	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE CABINET EQUIPMENT	EA	1
660-4-42	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT	EA	2
663-1-111	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, CABINET ELECTRONICS	EA	2
663-1-112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	EA	7
663-1-121	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, CABINET ELECTRONICS	EA	2
663-1-122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	EA	2
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	10
670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	2
682-1-400	ITS CCTV CAMERA, RELOCATE	EA	1

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146	SHEET NO. <p align="center">SUMMARY OF PAY ITEMS</p> 3
REVISIONS																		
DATE	DESCRIPTION	DATE	DESCRIPTION															

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SUMMARY OF PAY ITEMS (CONTINUED)

SIGNING & PAVEMENT MARKINGS			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	17
700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	3
700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	3
700- 1- 60	SINGLE POST SIGN, REMOVE	AS	21
700-2-12	MULTI-POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1
700-2-50	MULTI-POST SIGN, RELOCATE	AS	2
700-2-60	MULTI-POST SIGN, REMOVE	AS	1
700-5-22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	7
700-11-391	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF	AS	1
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	63
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12" FOR CROSSWALK	LF	869.000
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24" FOR STOP LINE	LF	173
711-11-170	THERMOPLASTIC, STD, WHITE, ARROWS	EA	30
711-14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	1,105
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	930
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2
711-16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2

LANDSCAPING			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
580-	LAGERSTROEMIA INDICA 'MUSKOGEE' / CRAPE MYRTLE	EA	16
580-	LAGERSTROEMIA INDICA 'NATCHEZ' / CRAPE MYRTLE	EA	12
580-	MAGNOLIA GRANDIFLORA 'BRACKENS BROWN BEAUTY' / BRACKEN'S BEAUTY SOUTHERN MAGNOLIA	EA	30
580-	QUERCUS VIRGINIAN / SOUTHERN LIVE OAK	EA	37
580- 1- 2	TREE 14'-20'-HT (SABAL PALMETTO / CABBAGE PALMETTO)	EA	9
580- 1- 2	SHRUB (2) THREE GALLON (ASPIDISTRA ELATIOR / CAST IRON PLANT)	EA	181
580- 1- 2	SHRUB (2) THREE GALLON (ILEX VOMITORIA 'NANA' / QWARF YAUPON HOLLY)	EA	168
580- 1- 1	SHRUB (2) THREE GALLON (SCHEFFLERA ARBORICOLA / VARIEGATED SCHEFFLERA)	EA	147
580- 1- 1	SHRUB (1) ONE GALLON (ARACHIS GLABRATA / PERENNIAL PEANUT)	EA	555
580- 1- 1	SHRUB (1) ONE GALLON (JUNIPERUS CONFERTA 'BLUE PACIFIC' / BLUE PACIFIC SHORE JUNIPER)	EA	145
580- 1- 1	SHRUB (1) ONE GALLON (LIRIOPE MUSCARI 'BIG BLUE' / BIG BLUE LILYTURF)	EA	407
580- 1- 1	SOD (SF) SQUARE FOOT (PASPALUM NOTATUM / BAHIA GRASS)	SF	19,075

PAY ITEM NOTES

- 102-1 INCLUDES ALL ITEMS AND LABOR NECESSARY FOR THE IMPLEMENTATION OF THE TEMPORARY TRAFFIC CONTROL PLAN AS SPECIFIED IN THIS PLAN AND AS OTHERWISE REQUIRED BY THE CONTRACTOR. INCLUDES THE COST FOR THE CONTRACTOR TO CLEAN THE JOBSITE BY REMOVING ALL LOOSE AGGREGATE, ASPHALT AND MISCELLANEOUS CONSTRUCTION DEBRIS BEFORE LEAVING THE JOBSITE EACH DAY. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SWEEP THE PROJECT TO ASSURE ALL DEBRIS HAS BEEN REMOVED. THE CONTRACTOR SHALL NOTIFY RESIDENCES AND BUSINESSES ALONG THE PROJECT OF THE CONSTRUCTION BY FLYER PROVIDED BY SEMINOLE COUNTY. INCLUDES THE COST FOR TEMPORARY PAVEMENT MARKINGS REQUIRED DURING CONSTRUCTION AND DURING THE ASPHALT CURE PERIOD.
- 102-99 INCLUDES COST OF ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) ON RED BUG LAKE ROAD AND ONE (1) PCMS ON ALOMA AVENUE TO BE SET UP 14 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE LOCATION WITH SEMINOLE COUNTY PROJECT MANAGER.
- 110-1-0 INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS, VEGETATION, DEBRIS, TRIMMING OF TREES AND SHRUBS, ROOT REMOVAL, WALLS, FENCES, EXISTING ASPHALT PAVEMENT, BASE AND DRAINAGE STRUCTURES, SIDEDRAINS, AS REQUIRED, TO CONSTRUCT THE PROJECT. NO TREES ARE TO BE REMOVED WITHOUT APPROVAL FROM THE SEMINOLE COUNTY PROJECT MANAGER.
- 430-XXX-XXX INCLUDES COST OF ANY DEWATERING, PROVIDING TEMPORARY DRAINAGE, DIVERSION OF STORMWATER, COFFERDAMS AND OTHER RELATED ACTIVITIES NECESSARY FOR THE CONSTRUCTION OF THE PROJECT.

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	

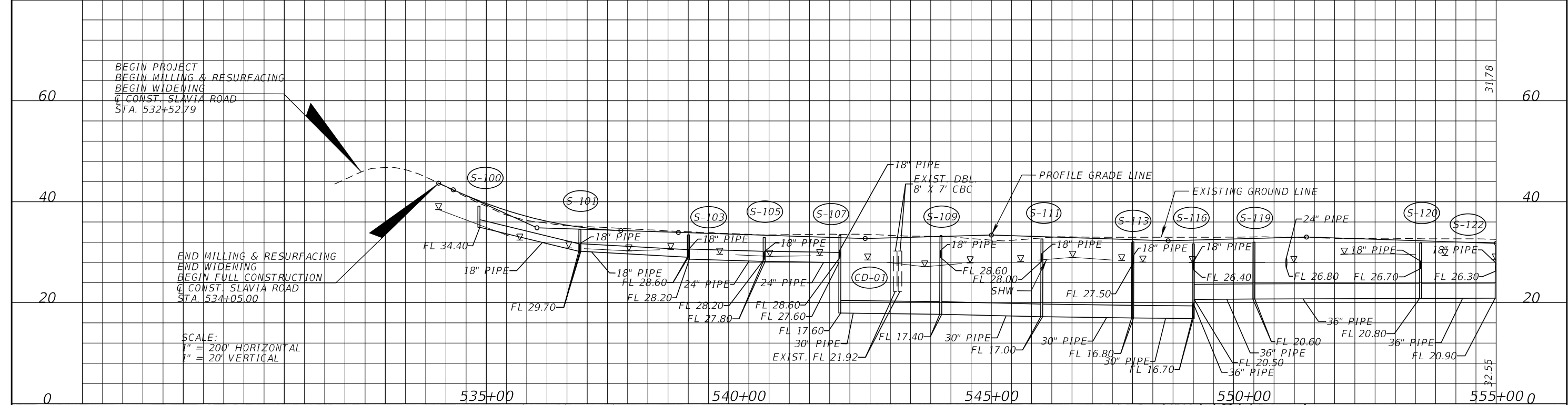
SUMMARY OF PAY ITEMS

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

BEGIN PROJECT
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 C CONST. SLAVIA ROAD
 STA. 532+52.79

END MILLING & RESURFACING
 END WIDENING
 BEGIN FULL CONSTRUCTION
 C CONST. SLAVIA ROAD
 STA. 534+05.00

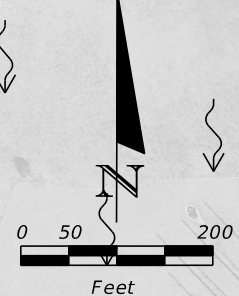
SCALE:
 1" = 200' HORIZONTAL
 1" = 20' VERTICAL



BEGIN PROJECT
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 C CONST. SLAVIA ROAD
 STA. 532+52.79

END MILLING & RESURFACING
 END WIDENING
 BEGIN FULL CONSTRUCTION
 C CONST. SLAVIA ROAD
 STA. 534+05.00

POND 1
 AREA @ NWL = 2.50 ac.
 DHW_{25YR/24HR} = 29.08 ft
 Q_{25YR/24HR} = 14.51 cfs



STRUCTURE	AREA (ac)	STRUCTURE	AREA (ac)	STRUCTURE	AREA (ac)
S-100	0.27	S-111	0.22	S-123	0.28
S-101	0.22	S-112	0.19	S-200	0.00
S-102	0.41	S-113	0.20	S-201	0.00
S-103	0.23	S-114	0.17	S-202	0.00
S-104	0.20	S-116	0.29	S-203	0.63
S-105	0.33	S-117	0.08	S-204	12.40
S-106	0.28	S-118	0.15	S-205	0.00
S-107	0.11	S-119	0.19	S-206	8.00
S-108	0.09	S-120	0.20	S-207	0.00
S-109	0.11	S-121	0.16		
S-110	0.09	S-122	0.33		

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

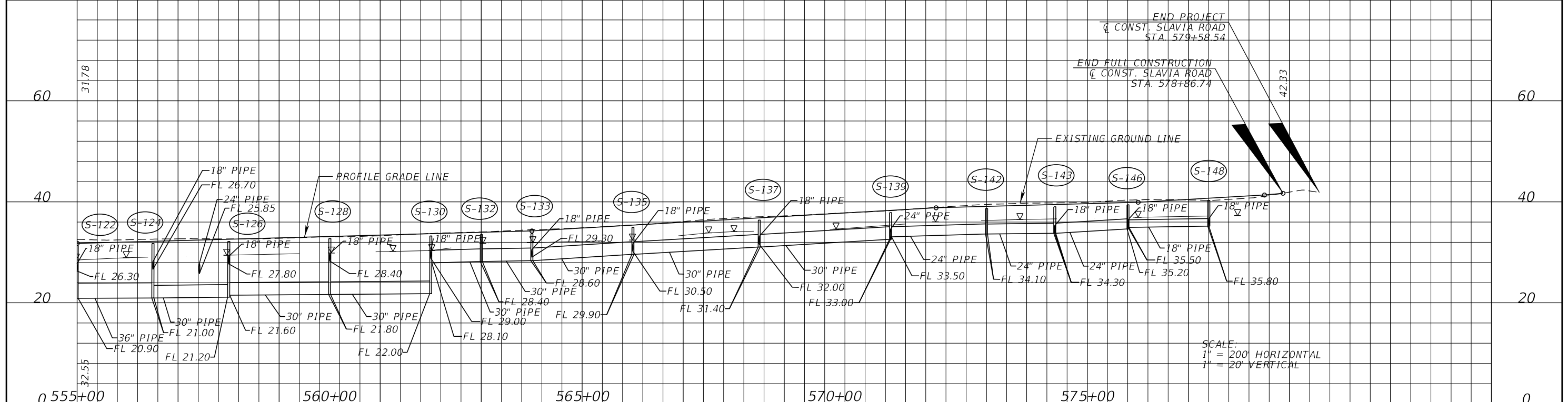
SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE STATE	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

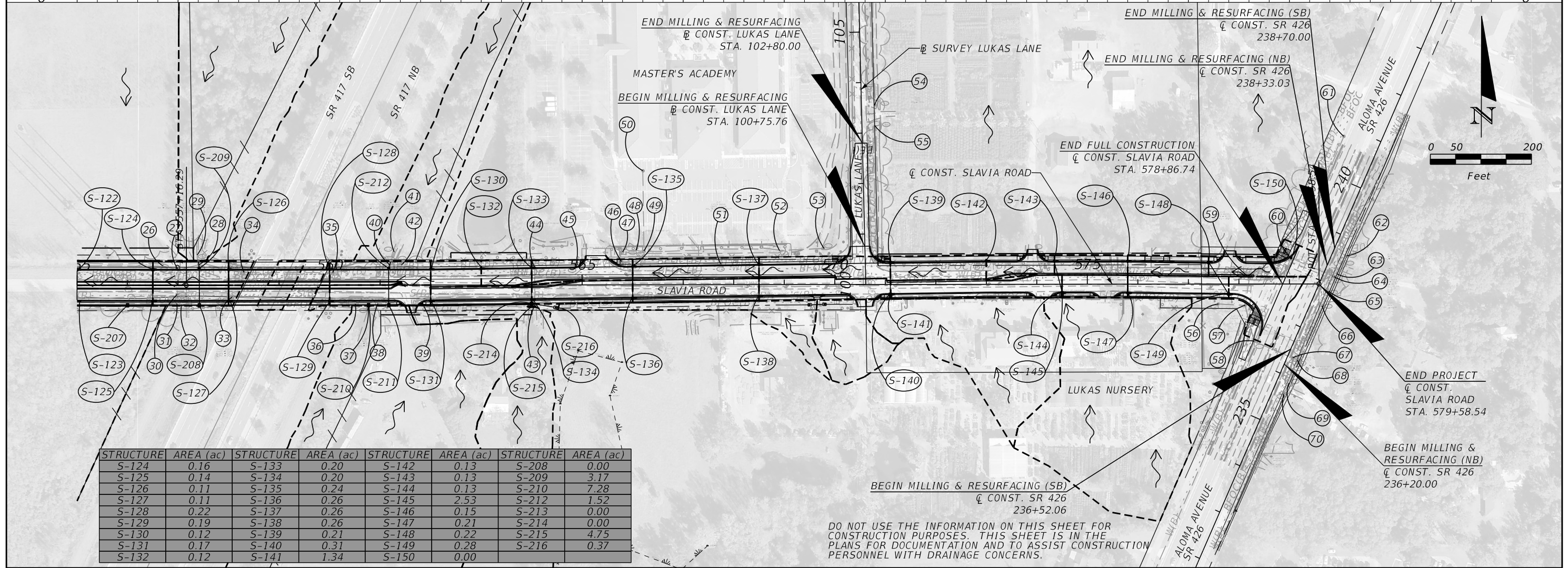
DRAINAGE MAP (1)

SHEET NO.
5

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



SCALE:
 1" = 200' HORIZONTAL
 1" = 20' VERTICAL



STRUCTURE	AREA (ac)	STRUCTURE	AREA (ac)	STRUCTURE	AREA (ac)	STRUCTURE	AREA (ac)
S-124	0.16	S-133	0.20	S-142	0.13	S-208	0.00
S-125	0.14	S-134	0.20	S-143	0.13	S-209	3.17
S-126	0.11	S-135	0.24	S-144	0.13	S-210	7.28
S-127	0.11	S-136	0.26	S-145	2.53	S-212	1.52
S-128	0.22	S-137	0.26	S-146	0.15	S-213	0.00
S-129	0.19	S-138	0.26	S-147	0.21	S-214	0.00
S-130	0.12	S-139	0.21	S-148	0.22	S-215	4.75
S-131	0.17	S-140	0.31	S-149	0.28	S-216	0.37
S-132	0.12	S-141	1.34	S-150	0.00		

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>DRAINAGE DISTRICTS</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

DRAINAGE MAP (2)

SHEET NO.
6

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

- ① CURB INLET
TOP EL. = 41.41
NW. INV. = 33.53 - 18" RCP
- ② CURB INLET
TOP EL. = 38.30
SE. INV. = 33.55 - 18" RCP
SW. INV. = 31.69 - 36" RCP
- ③ MANHOLE
TOP EL. = 40.04
SW. INV. = 33.38 - 36" RCP
NW. INV. = 33.78 - 18" RCP
NE. INV. = 33.35 - 36" RCP
- ④ DBI
TOP EL. = 39.07
E. INV. = 35.40 - 18" RCP
- ⑤ CURB INLET
TOP EL. = 40.96
SW. INV. = 34.05 - 36" RCP
SE. INV. = 36.08 - 18" RCP
NE. INV. = 33.96 - 36" RCP
- ⑥ MANHOLE
TOP EL. = 43.71
NW. INV. = 37.31 - 18" RCP
- ⑦ MES
INV. = 38.84 - 18" RCP
- ⑧ MES
INV. = 38.21 - 18" RCP
- ⑨ CURB INLET
TOP EL. = 37.53
E. INV. = 34.21 - 18" RCP
- ⑩ CURB INLET
TOP EL. = 37.59
E. INV. = 31.56 - 15" RCP
W. INV. = 32.94 - 18" RCP
N. INV. = 32.99 - 15" RCP
- ⑪ DBI
TOP EL. = 32.89
E. INV. = 29.27 - 18" RCP
- ⑫ CURB INLET
TOP EL. = 35.61
E. INV. = 29.76 - 15" RCP
W. INV. = 31.12 - 15" RCP
NW. INV. = 31.21 - 6" PVC
- ⑬ CURB INLET
TOP EL. = 34.35
E. INV. = 29.85 - 18" RCP
W. INV. = 29.74 - 15" RCP

- ⑭ MES
INV. = 28.24 - 18" RCP
- ⑮ BOX CULVERT
W. INV. = 21.90 - 8'x7' CBC
E. INV. = 22.52 - 8'x7' CBC
- ⑯ BOX CULVERT
W. INV. = 21.86 - 8'x7' CBC
E. INV. = 21.93 - 8'x7' CBC
- ⑰ MES
INV. = 25.14 - 42" RCP
- ⑱ CURB INLET
TOP EL. = 31.98
E. INV. = 27.03 - 12" RCP
- ⑲ CURB INLET
TOP EL. = 31.98
S. INV. = 26.91
W. INV. = 26.77
- ⑳ DBI
TOP EL. = 30.81
E. INV. = 25.60 - 42" RCP
W. INV. = 25.56 - 42" RCP
- ㉑ MES
INV. = 28.63 - 12" PVC
- ㉒ MES
INV. = 28.75 - 12" PVC
- ㉓ MES
INV. = 26.35 - 42" RCP
- ㉔ MES
INV. = 24.96 - 48"x76" RCP
- ㉕ MES
INV. = 24.79 - 48"x76" RCP
- ㉖ MES
INV. = 26.85 - 24" RCP
- ㉗ MANHOLE
TOP EL. = 32.19
E. INV. = 26.19 - 36" RCP
W. INV. = 26.23 - 24" RCP
S. INV. = 26.10 - 36" RCP
- ㉘ MANHOLE
TOP EL. = 31.63
N. INV. = 26.00 - 24" RCP
E. INV. = 25.92 - 36" RCP
W. INV. = 25.91 - 36" RCP

- ㉙ MES
INV. = 26.11 - 24" RCP
- ㉚ MANHOLE
TOP EL. = 31.87
N. INV. = 26.35 - 36" RCP
S. INV. = 25.99 - 36" RCP
- ㉛ MES
INV. = 25.53 - 36" RCP
- ㉜ MES
INV. = 25.50 - 42" RCP
- ㉝ DBI
TOP EL. = 31.86
E. INV. = 26.11 - 42" RCP
W. INV. = 26.00 - 42" RCP
- ㉞ DBI
TOP EL. = 31.82
E. INV. = 26.25 - 36" RCP
W. INV. = 26.27 - 36" RCP
- ㉟ MANHOLE
TOP EL. = 32.45
E. INV. = 26.59 - 36" RCP
W. INV. = 26.52 - 36" RCP
- ㊱ MES
INV. = 26.90 - 42" RCP
- ㊲ WINGED ENDWALL
TOP EL. = 30.47
INV. = 28.30 - 18" CMP
- ㊳ MES
INV. = 26.44 - 42" RCP
- ㊴ MES
INV. = 26.23 - 42" RCP
- ㊵ MANHOLE
TOP EL. = 32.42
E. INV. = 26.91 - 36" RCP
W. INV. = 26.99 - 36" RCP
N. INV. = 27.04 - 24" RCP
- ㊶ MES
INV. = 27.28 - 24" RCP
- ㊷ MES
INV. = 29.37 - 36" RCP
- ㊸ STRAIGHT ENDWALL
INV. = 28.14 - 18" RCP

- ㊹ DBI
TOP EL. = 32.67
E. INV. = 29.09 - 18" RCP
S. INV. = 29.07 - 18" RCP
- ㊺ MANHOLE
TOP EL. = 34.53
E. INV. = 30.72 - 24" CMP
W. INV. = 30.90 - 18" RCP
- ㊻ MANHOLE
TOP EL. = 35.35
E. INV. = 31.15 - 18" RCP
W. INV. = 31.12 - 24" CMP
- ㊼ DBI
TOP EL. = 34.53
W. INV. = 31.84 - 24" RCP
- ㊽ MES
INV. = 32.99 - SIZE N/A
- ㊾ DBI
TOP EL. = 33.07
INV. = 27.19 - 18" RCP
- ㊿ MANHOLE
TOP EL. = N/A
INV. = N/A - 18" RCP
- ① DBI
TOP EL. = 34.28
W. INV. = 31.78 - 18" RCP
- ② MES
INV. = 34.14 - 12" HDPE
- ③ MES
INV. = 33.30 - 12" HDPE
- ④ MES
INV. = 32.91 - 15" CMP
- ⑤ MES
INV. = 33.21 - 15" CMP
- ⑥ DBI
TOP EL. = 39.76
INV. = 37.06 - 18" RCP
- ⑦ MANHOLE
TOP EL. = 41.25
S. INV. = 36.93 - 18" RCP
W. INV. = 36.90 - 18" RCP
N. INV. = 37.29 - 18" RCP

- ⑧ CURB INLET
TOP EL. = 43.37
N. INV. = 35.78 - 24" RCP
E. INV. = 37.33 - 18" CMP
S. INV. = 35.95 - 24" RCP
NW. INV. = 36.90 - 18" RCP
- ⑨ DBI
TOP EL. = 40.39
INV. = 38.01 - 18" CMP
- ⑩ DBI
TOP EL. = 42.72
N. INV. = 35.59 - 24" RCP
E. INV. = 37.16 - 18" CMP
S. INV. = 35.17 - 24" RCP
- ⑪ MANHOLE
TOP EL. = N/A
N. INV. = 35.12 - 24" RCP
- ⑫ MES
INV. = 40.82 - 12" PVC
- ⑬ MES
INV. = 41.51 - 12" PVC
- ⑭ CURB INLET
TOP EL. = 41.24
INV. = 38.38 - 18" CMP
- ⑮ MES
INV. = 41.12 - 12" PVC
- ⑯ MES
INV. = 41.44 - 12" PVC
- ⑰ MANHOLE
TOP EL. = 43.43
E. INV. = 38.02 - 18" RCP
W. INV. = 37.97 - 18" CMP
- ⑱ DBI
TOP EL. = 41.25
INV. = 38.05 - 18" RCP
- ⑲ MES
INV. = 42.31 - 12" PVC
- ⑳ MES
INV. = 42.77 - 12" PVC

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>Florida's Future Starts Here</small>			DRAINAGE MAP (03)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		7
					SLAVIA	PS-2552-19/GCM	01785146		

SUMMARY OF FLOOD DATA
 COUNTY PROJECT NO PS-2552-19/GCM
 CIP NO. 01785146

SHEET 1_ OF 1_

DATE: 10/05/21

STRUCTURE NO.	STATION	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
		2% PROB	50 YR FREQ	1% PROB	100 YR FREQ	DISCHARGE	STAGE	PROB %	FREQ YR	DISCHARGE	STAGE	PROB %	FREQ YR
		DISCHARGE	STAGE	DISCHARGE	STAGE								
CD-01	543+15.80	803.00	30.04	941.00	30.94	1111.90	32.14	0.65	153				

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND (CFS) AND STAGES ARE IN FEET, NAVD 88.

DEFINITIONS:

DESIGN FLOOD: UTILIZED TO ASSURE A STANDARD LEVEL OF HYDRAULIC PERFORMANCE.

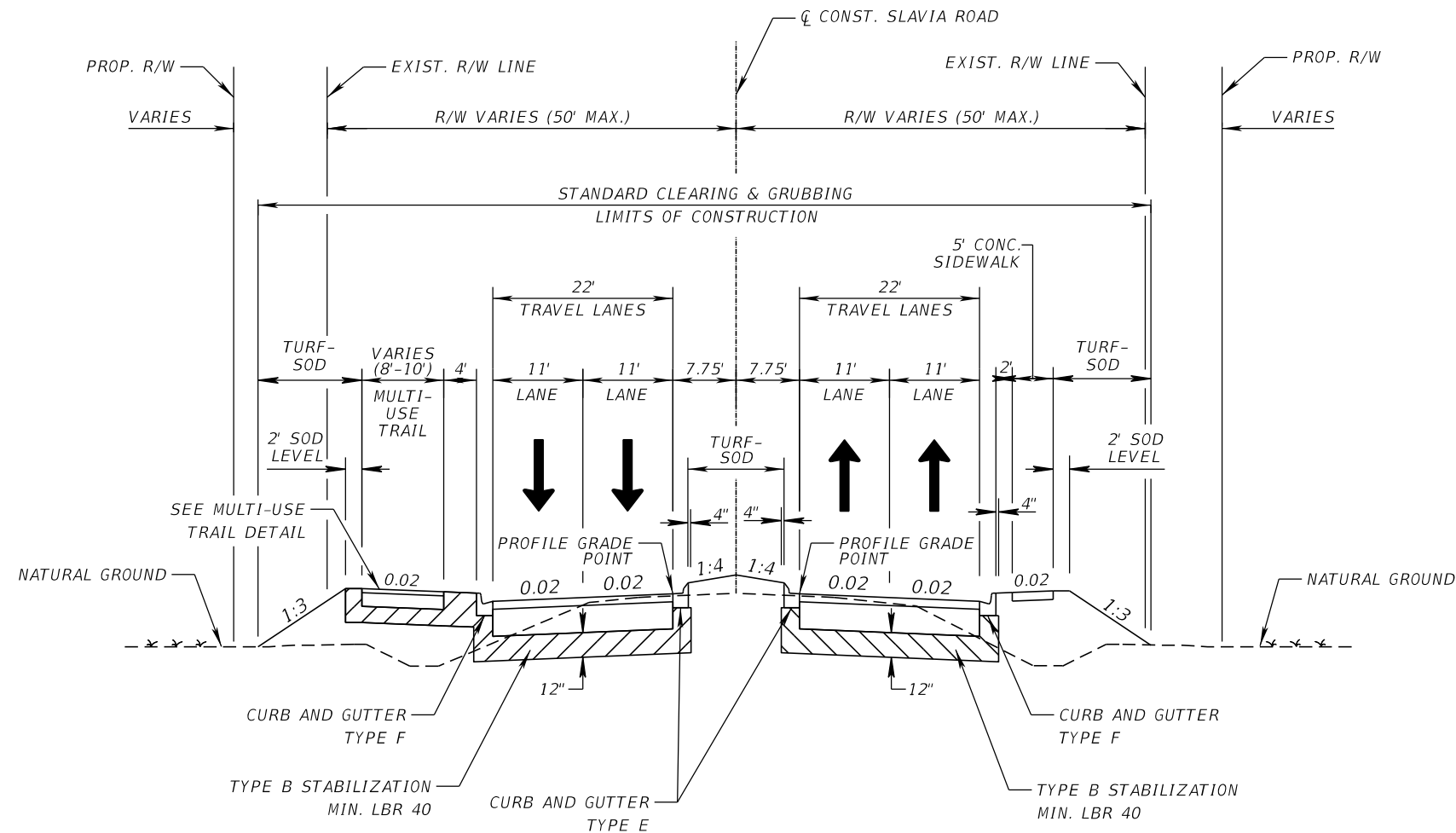
BASE FLOOD: HAS A 1% CHANCE OF BEING EXCEEDED IN ANY YEAR (100 YR. FREQUENCY).

PREPARED BY: Sean Carrigan

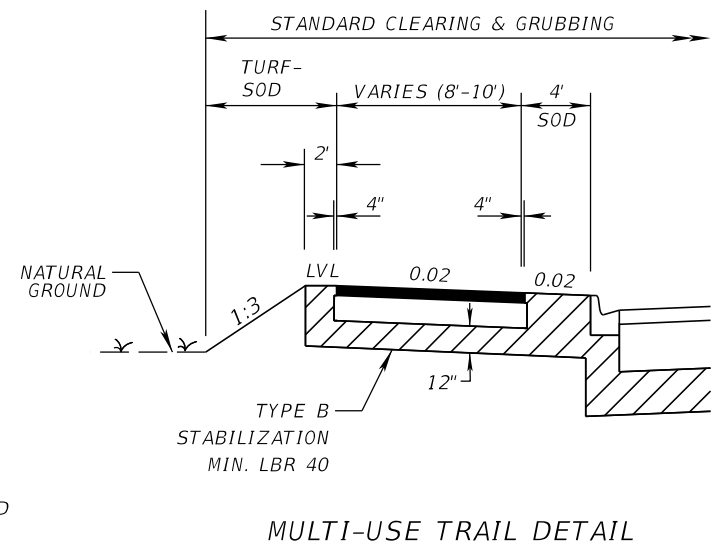
OVERTOPPING FLOOD: CAUSES FLOW OVER THE HIGHWAY, OVER A WATERSHED DIVIDE OR THRU EMERGENCY RELIEF STRUCTURES. DATE: October 5, 2021

GREATEST FLOOD: THE MOST SEVERE THAT CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE.

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			FLOOD DATA SUMMARY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		



TYPICAL SECTION NO. 1
 SLAVIA ROAD
 STA. 534+05.00 TO STA. 558+33.26
 STA. 559+75.26 TO STA. 573+50.00



TRAIL PAVEMENT
 OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

MILLING
 (STA. 532+52.79 TO STA. 534+05.00)

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1 1/2")

RESURFACING
 (STA. 532+52.79 TO STA. 534+05.00)
 FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,700
 ESTIMATED OPENING YEAR = 2023 AADT = 14,100
 ESTIMATED DESIGN YEAR = 2043 AADT = 21,000
 K = 9 % D = 52% T = 4.5% (24 HOUR)
 DESIGN HOUR T = 4.5%
 DESIGN SPEED = 45 MPH

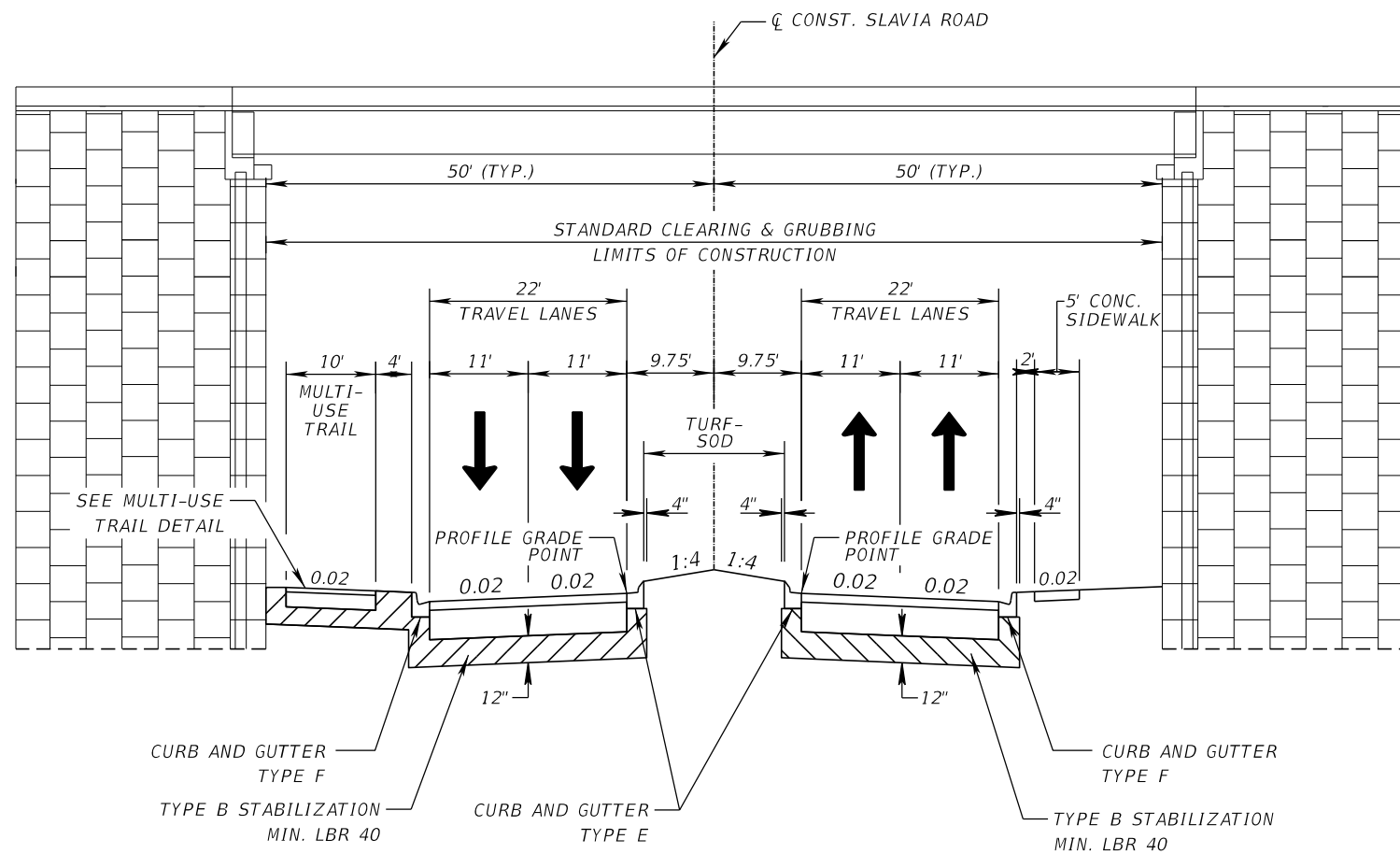
RECONSTRUCTION/WIDENING

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2") (PG 76-22)
 AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

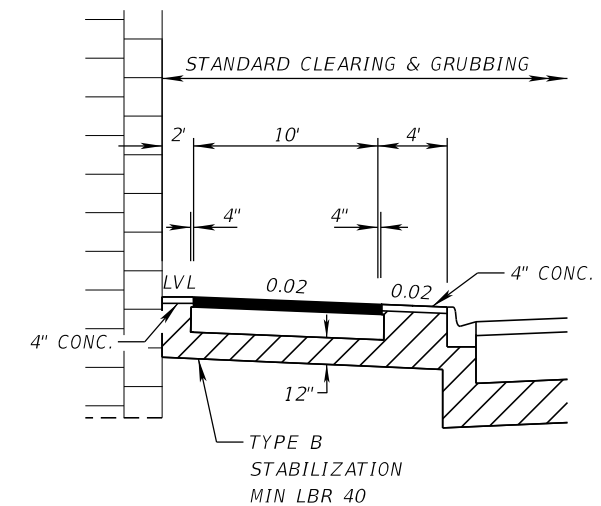
REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	

TYPICAL SECTION

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



TYPICAL SECTION NO. 2
SLAVIA ROAD
STA. 558+33.26 TO STA. 559+75.26



MULTI-USE TRAIL DETAIL

TRAIL PAVEMENT
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

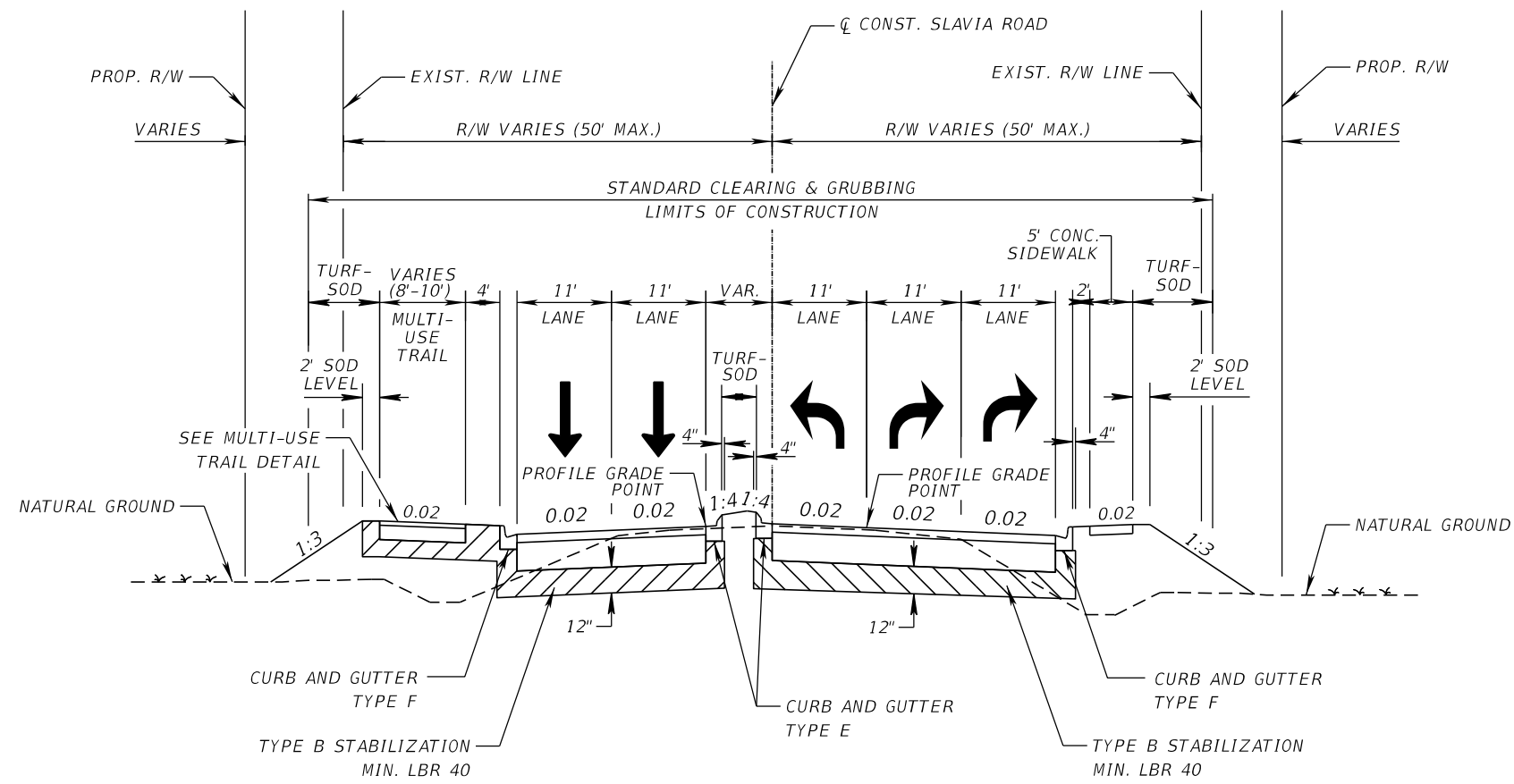
TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,700
ESTIMATED OPENING YEAR = 2023 AADT = 14,100
ESTIMATED DESIGN YEAR = 2043 AADT = 21,000
K = 9 % D = 52% T = 4.5% (24 HOUR)
DESIGN HOUR T = 4.5%
DESIGN SPEED = 45 MPH

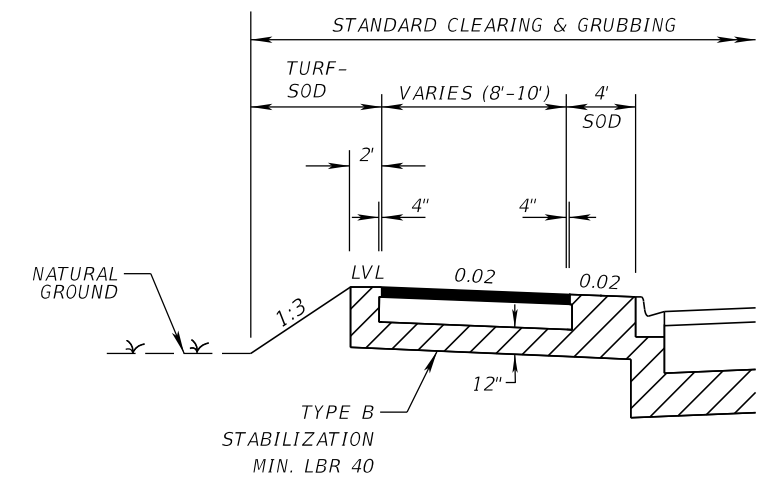
TRAVEL LANES

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2") (PG 76-22)
AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	
					SLAVIA	PS-2552-19/GCM	01785146
TYPICAL SECTION							10



TYPICAL SECTION NO. 3
SLAVIA ROAD
STA. 573+50.00 TO STA. 578+86.74



MULTI-USE TRAIL DETAIL

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,700
 ESTIMATED OPENING YEAR = 2023 AADT = 14,100
 ESTIMATED DESIGN YEAR = 2043 AADT = 21,000
 K = 9 % D = 52% T = 4.5% (24 HOUR)
 DESIGN HOUR T = 4.5%
 DESIGN SPEED = 45 MPH

TRAVEL LANES

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2") (PG 76-22)
 AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

TRAIL PAVEMENT

OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")


REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	

TYPICAL SECTION


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

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	REINFORCED CONCRETE PIPE					CURB INLETS				MANHOLES			DITCH BOTTOM INLETS		SIDE DRAIN MITERED END SECTION	CROSS DRAIN MITERED END SECTION				STRAIGHT CONCRETE ENDWALL		REMARKS						
						ROUND SHAPE					P-5		J-5		P-6	J-6	P-8	P-8	J-8		C-mod	D-Mod	RND SHP	ROUND SHAPE				0-deg					
						18"	24"	30"	36"	42"	48"	<10'	>10'	<10'	>10'	<10'	>10'	Ad just	<10'		<10'	<10'	<10'	24"	18"	24"		36"	48"	18"	42"		
P F	OCS-1	548+36.67	LT.	Inlet, Pipe, MES	1	89																											
P F	S-100	534+85.00	LT.	Inlet, Pipe	1	197						1																					
P F	S-101	536+85.00	LT.	Inlet, Pipe	1	212						1																					
P F	S-102	536+85.00	RT.	Inlet, Pipe	1	59						1																					
P F	S-103	539+00.00	LT.	Inlet, Pipe	1		147					1																					
P F	S-104	539+00.00	RT.	Inlet, Pipe	1	59						1																					
P F	S-105	540+50.00	LT.	Inlet, Pipe	1		147								1																		
P F	S-106	540+50.00	RT.	Inlet, Pipe	1	59									1																		
P F	S-107	542+00.00	LT.	Inlet, Pipe	1			197					1																				
P F	S-108	542+00.00	RT.	Inlet, Pipe	1	59							1																				
P F	S-109	544+00.00	LT.	Inlet, Pipe	1			197					1																				
P F	S-110	544+00.00	RT.	Inlet, Pipe	1	59							1																				
P F	S-111	546+00.00	LT.	Inlet, Pipe	1			177						1																			
P F	S-112	546+00.00	RT.	Inlet, Pipe	1	59							1																				
P F	S-113	547+80.00	LT.	Inlet, Pipe	1			116						1																			
P F	S-114	547+80.00	RT.	Inlet, Pipe	1	59								1																			
P F	S-116	549+00.00	LT.	Inlet, Pipe, MES	1			89																1							Alt. B, 5.0' x 5.0'		
P F	S-117	549+00.00	RT.	Inlet, Pipe	1	57																											
P F	S-118	549+80.00	RT.	Inlet, Pipe	1	77							1																				
P F	S-119	550+20.00	LT.	Inlet, Pipe	1			116																							Alt. B, 3.5' x 4.0'		
P F	S-120	553+50.00	LT.	Inlet, Pipe	1			327																							Alt. B, 3.5' x 4.0'		
P F	S-121	553+50.00	RT.	Inlet, Pipe	1	58							1																				
P F	S-122	555+00.00	LT.	Inlet, Pipe	1			147																							Alt. B, 3.5' x 4.0'		
P F	S-123	555+00.00	RT.	Inlet, Pipe	1	58																											
P F	S-124	556+50.00	LT.	Inlet, Pipe	1			147																							Alt. B, 3.5' x 4.0'		
P F	S-125	556+50.00	RT.	Inlet, Pipe	1	58							1																				
P F	S-126	558+00.00	LT.	Inlet, Pipe	1			147																									
P F	S-127	558+00.00	RT.	Inlet, Pipe	1	59								1																			
P F	S-128	560+00.00	LT.	Inlet, Pipe	1			197																									
P F	S-129	560+00.00	RT.	Inlet, Pipe	1	59																											
P F	S-130	562+00.00	LT.	Inlet, Pipe	1			197																									
P F	S-131	562+00.00	RT.	Inlet, Pipe	1	59																											
P F	S-132	563+00.00	LT.	Inlet, Pipe	1			97																									
P F	S-133	564+00.00	LT.	Inlet, Pipe	1			97																									
Sheet Totals:						Plan Quantity	1396	294	1422	826	0	0	17	7	0	3	4	2	0	0	0	0	1	0	1	0	0	0	0	0			
Sheet Totals:						Final Quantity																											

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<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td>DATE</td> <td>DESCRIPTION</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>				REVISIONS		DATE	DESCRIPTION					<p>SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803</p>				 <p>SEMINOLE COUNTY TRAFFIC SAFETY CENTER</p>			<p>ROAD COUNTY PROJECT NO. CIP NO.</p> <p>SLAVIA PS-2552-19/GCM 01785146</p>			<p style="text-align: center;">SUMMARY OF DRAINAGE STRUCTURES</p>						<p>SHEET NO. 12</p>
REVISIONS																												
DATE	DESCRIPTION																											

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	REINFORCED CONCRETE PIPE						CURB INLETS				MANHOLES			DITCH BOTTOM INLETS		SIDE DRAIN MITERED END SECTION	CROSS DRAIN MITERED END SECTION				STRAIGHT CONCRETE ENDWALL		REMARKS			
						ROUND SHAPE						P-5		J-5		P-6	J-6	P-8	P-8	J-8		C-mod	D-Mod	RND SHP	ROUND SHAPE				0-deg		
						18"	24"	30"	36"	42"	48"	<10'	>10'	<10'	>10'	<10'	>10'	Ad just	<10'	<10'		<10'	<10'	24"	18"	24"	36"		48"	18"	42"
P	S-134	564+00.00	RT.	Inlet, Pipe	1	59						1																			
F	S-135	566+00.00	LT.	Inlet, Pipe	1							1																			
P	S-136	566+00.00	RT.	Inlet, Pipe	1	59						1																			
F	S-137	568+50.00	LT.	Inlet, Pipe	1							1																			
P	S-138	568+50.00	RT.	Inlet, Pipe	1	59						1																			
F	S-139	571+10.00	LT.	Inlet, Pipe	1							1																			
P	S-140	571+10.00	RT.	Inlet, Pipe	1	59						1																Alt. B, 4.0' x 9.0'			
F	S-141	571+10.00	RT.	Inlet	1							1																Back of Sidewalk			
P	S-142	573+00.00	LT.	Inlet, Pipe	1	187						1																			
F	S-143	574+35.00	LT.	Inlet, Pipe	1	132						1																			
P	S-144	574+50.00	RT.	Inlet, Pipe	1	61						1																Alt. B, 4.0' x 9.0'			
F	S-145	574+50.00	RT.	Inlet	1							1																Back of Sidewalk			
P	S-146	575+80.00	LT.	Inlet, Pipe	1	142						1																			
F	S-147	575+80.00	RT.	Inlet, Pipe	1	59						1																			
P	S-148	577+40.00	LT.	Inlet, Pipe	1	156						1																Alt. A, 5.0' Dia.			
F	S-149	577+80.00	RT.	Inlet, Pipe	1	70						1																Alt. A, 5.0' Dia.			
P	S-150	579+03.30	LT.	Manhole																								Adjust Top			
F	S-200	544+00.00	RT.	Inlet, Pipe	1							113																Alt. B, 6.0' x 3.5'			
P	S-201	549+00.00	RT.	Manhole, Pipe	1							497																Alt. B, 4.0' x 6.0'			
F	S-202	550+76.00	RT.	Manhole, Pipe	1							172																Alt. B, 4.0' x 6.0'			
P	S-203	550+76.00	RT.	EW, Pipe	1	8																						Alt. B, 4.0' x 6.0'			
F	S-204	550+96.50	LT.	MES, Pipe	1	91																						Alt. B, 4.0' x 6.0'			
P	S-205	552+94.00	RT.	Manhole, Pipe	1							214																Alt. B, 4.0' x 6.0'			
F	S-206	552+94.00	RT.	EW, Pipe	1	8																						Alt. B, 4.0' x 6.0'			
P	S-207	556+00.00	RT.	Manhole, Pipe	1							302																Alt. B, 4.0' x 6.0'			
F	S-208	557+42.00	RT.	Manhole, Pipe	1							139																Alt. B, 4.0' x 6.0'			
P	S-209	557+42.00	LT.	Pipe, Manhole, Pipe	1	82																						Conc. Jacket			
F	S-210	560+77.00	RT.	Pipe, Manhole, Pipe	1	8						331																Alt. B, 4.0' x 6.0', Conc. Jacket			
P	S-211	561+17.00	RT.	Manhole, Pipe	1							36																Alt. B, 4.0' x 6.0'			
F	S-212	561+17.00	LT.	Pipe, Manhole, Pipe	1	80																						Conc. Jacket			
P	S-214	564+00.00	RT.	Manhole, Pipe	1							279																Alt. B, 5.0' x 5.0'			
F	S-215	564+00.00	RT.	EW, Pipe	1							4																Alt. B, 5.0' x 5.0'			
P	S-216	564+45.87	RT.	MES, Pipe	1	41																						Alt. B, 5.0' x 5.0'			
F	Sheet Totals:		Plan Quantity		547	814	701	0	789	1298	10	0	4	0	0	0	1	2	8	2	1	1	0	1	0	0	2	1			
Grand Totals:		Final Quantity																													
Grand Totals:		Plan Quantity		1943	1108	2123	826	789	1298	27	7	4	3	4	2	1	2	8	2	2	1	1	1	1	0	2	1				
Grand Totals:		Final Quantity																													

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146	SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION				

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

END MILLING & RESURFACING (SB)
 Q CONST. SR 426
 238+70.00

END MILLING & RESURFACING (NB)
 Q CONST. SR 426
 238+33.03

END PROJECT
 Q CONST. SLAVIA ROAD
 STA. 579+58.54

B CONST. LUKAS LANE

END MILLING & RESURFACING
 B CONST. LUKAS LANE
 STA. 102+80.00

BEGIN MILLING & RESURFACING
 B CONST. LUKAS LANE
 STA. 100+75.76

STA. 100+00.00
 B CONST. LUKAS LANE =
 STA. 570+61.40
 Q CONST. SLAVIA ROAD

BEGIN PROJECT
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 Q CONST. SLAVIA ROAD
 STA. 532+52.79

RED BUG LAKE ROAD

POT STA. 531+98.78
 S 33° 20' 49" E
 PC STA. 532+65.70

CURVE CL_SLAVIA_3

PT STA. 534+66.98

Q CONST. SLAVIA ROAD

N 89° 55' 27" E

SLAVIA ROAD

N 89° 46' 50" E

PI STA. 557+16.29

110
 N 1° 32' 36" W
 105
 100
 75
 50
 25
 0
 LUKAS LANE

END MILLING & RESURFACING
 END WIDENING
 BEGIN FULL CONSTRUCTION
 Q CONST. SLAVIA ROAD
 STA. 534+05.00

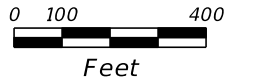
END FULL CONSTRUCTION
 Q CONST. SLAVIA ROAD
 STA. 578+86.74

STA. 579+58.54
 Q CONST. SLAVIA ROAD =
 STA. 237+92.48
 Q CONST. SR 426

BEGIN MILLING & RESURFACING (SB)
 Q CONST. SR 426
 236+52.06

BEGIN MILLING & RESURFACING (NB)
 Q CONST. SR 426
 236+20.00

N 123° 20' 59" E
 230
 225
 220
 ALOMA AVENUE (S.R. 426)



CURVE DATA CL_SLAVIA_3
 PI STA. = 533+75.79
 Δ = 57° 39' 45" (LT)
 D = 28° 38' 52"
 T = 110.09
 L = 201.28
 R = 200.00
 PC STA. = 532+65.70
 PT STA. = 534+66.98

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY Florida State Capital		PROJECT NO. PS-2552-19/GCM	CIP NO. 01785146	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	PROJECT LAYOUT			

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☉ REFERENCE POINTS

PROJECT CONTROL NOTES

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/2011 EAST ZONE. HORIZONTAL CONTROL IS BASED ON THE FLORIDA PERMANENT REFERENCE NETWORK.
2. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD88).

PRIMARY HORIZONTAL & VERTICAL CONTROL

STAMPING ID	☉ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
800	OUTSIDE OF PROJECT	N/A	45.630	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568378.214	576736.650	33°14'02.58142" N	89°02'46.38470" W
801	533+29.23	36.72	46.425	FOUND 5/8" IRON ROD AND CAP "WITNESS LB 6018"	1568453.418	577694.226	33°14'03.70083" N	89°02'35.17125" W
802	542+50.60	-20.88	32.691	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568460.738	578628.552	33°14'04.14070" N	89°02'24.19910" W
803	552+34.56	-17.54	32.268	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568458.708	579612.512	33°14'04.50752" N	89°02'12.63948" W
804	563+67.84	-26.64	33.250	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568470.936	580745.715	33°14'05.07343" N	89°01'59.33332" W
805	573+37.08	-24.07	39.668	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568472.077	581714.954	33°14'05.46519" N	89°01'47.94806" W
806	578+46.80	-13.54	41.172	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1568463.502	582224.708	33°14'05.58055" N	89°01'41.95589" W
807	575+61.38	847.17	44.019	SET 5/8" IRON ROD AND CAP "TRAV PT LB 8011"	1567601.703	581942.594	33°13'56.96215" N	89°01'44.86757" W

PRIMARY VERTICAL CONTROL

STAMPING ID	☉ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
3821301	OUTSIDE OF PROJECT	N/A	44.014	FOUND PK NAIL AND DISK	1568477.000	577070.000	33°14'03.68790" N	89°02'42.51512" W

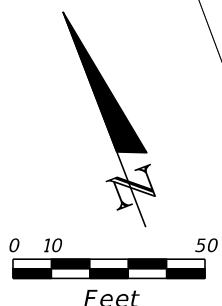
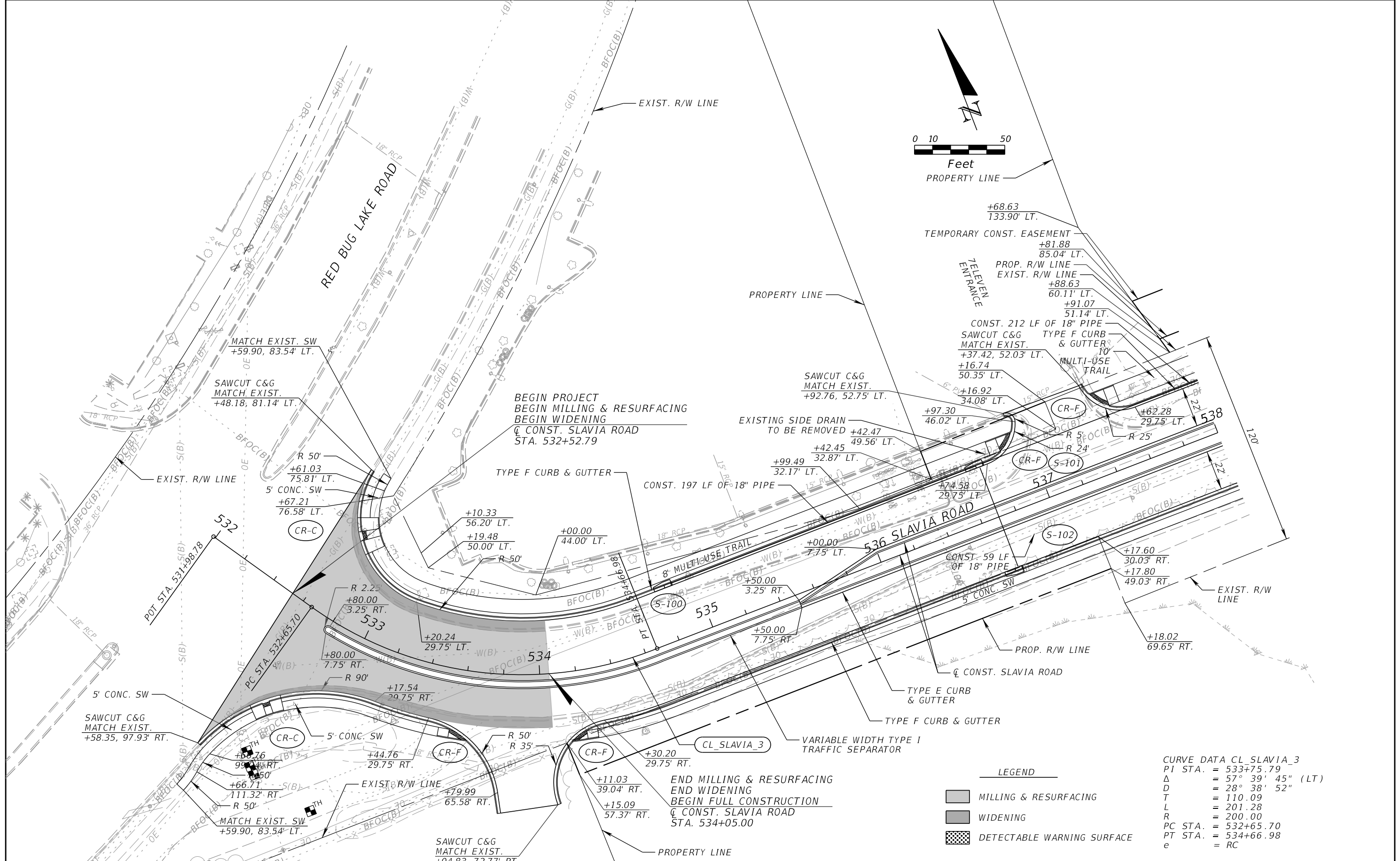
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LEGEND 	REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	DESCRIPTION			JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY ROAD: SLAVIA COUNTY PROJECT NO.: PS-2552-19/GCM CIP NO.: 01785146	<h2 style="margin: 0;">PROJECT CONTROL</h2>	SHEET NO. 15
DATE	DESCRIPTION								

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INQUIRE OF THE ENGINEER IF ADDITIONAL INFORMATION IS AVAILABLE, TO MAKE ARRANGEMENTS TO REVIEW SAME PRIOR TO BIDDING, AND TO MAKE HIS OWN DETERMINATION AS TO ALL SUBSURFACE CONDITIONS.
3. ALL PERSONAL PROPERTY, EXCEPT MAIL BOXES, WITHIN THE RIGHT-OF-WAY NOT RELOCATED BY THE PROPERTY OWNER SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS. MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR IN ACCORDANCE WITH F.D.O.T. DESIGN STANDARD 532. PAYMENT WILL BE INCLUDED IN CLEARING & GRUBBING.
4. THE DISPOSAL OF EXCESS EARTHWORK MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. APPROVALS OF DISPOSAL SITES SHALL BE OBTAINED FROM SEMINOLE COUNTY PRIOR TO DISPOSAL. ALL EXCESS MATERIAL IS THE PROPERTY OF THE CONTRACTOR.
5. SOD ALL DISTURBED AREAS UNLESS OTHERWISE SHOW ON THE PLANS. SOD SHALL MATCH EXISTING TYPE SOD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. SAWCUT CONCRETE DRIVEWAYS AS REQUIRED FOR CONSTRUCTION.
7. ALL PAVEMENT OFFSETS SHOWN ARE TO PROPOSED CENTERLINE OF CONSTRUCTION. ALL RADII AND DIMENSIONS ARE TO PROPOSED EDGE OF PAVEMENT.
8. FOR STABILIZATION AT TURNOUTS AND DRIVEWAY CONNECTIONS SEE STANDARD INDEX No. 515 AND TYPICAL SECTIONS FOR DEPTH AND LBR.
9. DRIVEWAY LOCATIONS AND WIDTHS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY AS DIRECTED BY THE ENGINEER.
10. THE CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH REQUIREMENTS INCLUDED IN THE BID PRICE FOR SECTION 104; "PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION", EXCLUDING ITEMS SPECIFIED ELSEWHERE. ENVIRONMENTAL CONTROLS SHALL BE USED AT LOCATIONS DESIGNATED OF THE VARIOUS PERMITS INCLUDED IN THE BID SPECIFICATIONS. PAYMENT IS IN THE PLANS AND/OR DESIGNATED BY THE ENGINEER.
11. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND SHALL BE RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITHIN PROJECT LIMITS PRIOR TO ORDERING DRAINAGE STRUCTURES, THE CONTRACTOR SHALL DETERMINE IF DRAINAGE/UTILITY CONFLICTS EXIST. INFORMATION ON CONFLICTS IS TO BE SUBMITTED TO THE ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY FOR RESOLUTION.
12. CONNECTION TO EXISTING WATER MAINS:
IF CONNECTION OF THE PROPOSED ACTIVITY TO THE WATER MAIN WILL RESULT IN A DEPRESURIZATION OF THE EXISTING SYSTEM BELOW 20 POUNDS PER SQUARE INCH, ONE OF THE FOLLOWING MUST OCCUR:
A. PRECAUTIONARY BOIL WATER NOTICES MUST BE ISSUED IN CASES OF PLANNED INTERRUPTIONS, WHICH ARE DEEMED AN IMMINENT HEALTH THREAT BY THE DEP CENTRAL DISTRICT OR WILL AFFECT THE BACTERIOLOGICAL QUALITY OF THE DRINKING WATER UNLESS THE PUBLIC WATER SYSTEM CAN DEMONSTRATE, BY SOUND ENGINEERING JUDGEMENT, THAT THE INTEGRITY OF THE WATER SYSTEM HAS BEEN MAINTAINED; OR
B. IN CASES OF BRIEF INTERRUPTION IN SERVICE, ADVISORIES (NOT BOIL WATER NOTICES SHOULD BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR AND NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK.
13. THE CONTRACTOR SHALL NOTIFY ALL GAS UTILITY PROVIDERS A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATION AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUTES.
14. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.
15. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE RIGHT-OF-WAY SHALL REMAIN, UNLESS OTHERWISE DIRECTED.
16. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.
17. CHANGES OF PIPE INVERTS NOT EXCEEDING PLUS OR MINUS ONE FOOT WILL NOT BE CONSIDERED AS A BASIS FOR ADDITIONAL COMPENSATION FOR THE PERTINENT PIPE BID ITEM OR FOR MODIFICATION OF PRECAST STRUCTURES.
18. ALL (P.R.M.'S) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.
19. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, AND BOTH SHALL NOTIFY:
STATE GEODETIC ADVISOR, RONNIE TAYLOR
SUITE 309
3900 COMMONWEALTH BOULEVARD
TALLAHASSEE, FL
(904) 488-2427
20. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE. THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW UP CONFIRMATION WITHIN 48 HOURS OF TELEPHONE NOTIFICATION.
21. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO SEMINOLE COUNTY PUBLIC WORKS DEPARTMENT A SET OF FIELD NOTES VERIFYING THE BENCHMARK ELEVATIONS AND THE REFERENCE POINT TIES SHOWN ON THE TITLE SHEET AND PLAN AND PROFILE SHEETS, AND/OR A SET OF FIELD NOTES FOR ALL ADDITIONAL BENCHMARK AND REFERENCE POINT TIES PROPOSED TO BE USED IN CONSTRUCTING THE PROJECT WITH THEIR LOCATION, DESCRIPTION SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA.
22. WITHIN 21 CALENDAR DAYS AFTER NOTICE TO PROCEED, THE CONTRACTOR SHALL STAKE THE RIGHT-OF-WAY AT 100' INTERVALS AND AT RIGHT-OF-WAY BREAKS WITH STATIONING SHOWN ON THE STAKES. NO INVOICE FOR PAYMENT WILL BE PROCESSED UNTIL THE RIGHT-OF-WAY HAS BEEN STAKED TO THE SATISFACTION OF THE ENGINEER. PAYMENT IS INCLUDED IN THE BID PRICE FOR ITEM NO. 101-1 "MOBILIZATION".
23. TRAFFIC SIGNS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, STOCKPILING AND RESETTING.
24. CONTRACTOR SHALL COORDINATE EXISTING IRRIGATION SYSTEM CONFLICTS WITH ADJACENT PROPERTY OWNERS. ANY IRRIGATION SYSTEM ENCOUNTERED IN THE FIELD DURING CONSTRUCTION SHALL BE STUBBED OUT TO ONE FOOT ABOVE EXISTING GROUND BY CUTTING AND CAPPING THE EXISTING PIPE USING A NINETY DEGREE ANGLE. THE STUB OUT SHALL BE PAINTED PURPLE SO THAT IT CAN BE EASILY IDENTIFIED.
25. CONTRACTOR IS TO MAINTAIN UNINTERRUPTED ACCESS TO ALL DRIVEWAYS AND SIDE STREETS. TEMPORARY CLOSURES MAY BE REQUIRED AND THE CONTRACTOR MUST COORDINATE CLOSURES WITH THE AFFECTED PROPERTY OWNER. THE CONTRACTOR IS TO NOTIFY PROPERTY OWNERS FIVE DAYS PRIOR TO STARTING CONSTRUCTION.
26. CONTRACTOR TO VIDEOTAPE AND PHOTOGRAPH THE ROADWAY CORRIDOR PRIOR TO CONSTRUCTION AND GIVE A COPY TO THE SEMINOLE COUNTY PUBLIC WORKS DEPARTMENT.
27. PRIOR TO COMMENCEMENT OF WORK CONTRACTOR SHALL CALL SUNSHINE ONE 48 HOURS IN ADVANCE OF PERFORMING ANY UTILITY ADJUSTMENTS OR RELOCATIONS. SUNSHINE ONE PHONE NUMBER 1-800-432-4770.
28. CONTRACTOR SHALL REPLACE ALL DAMAGED TURF AREAS INCURRED BY NEW CONSTRUCTION.
29. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF ALL FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, ARMY CORPS OF ENGINEERS OR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT PERMITS AT NO ADDITIONAL COST TO THE OWNER. COPIES OF THESE PERMITS SHALL BE KEPT ON SITE BY THE CONTRACTOR.
30. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING BEFORE COMMENCING CONSTRUCTION WORK.
31. WHEN ENCOUNTERED, UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE RIGHT-OF-WAY AND ASSOCIATED EXCAVATED AND BACK FILLED WITH SUITABLE MATERIALS. UNSUITABLE MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER AND APPROVED BY THE OWNER.
32. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING.
33. INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS. EROSION CONTROL AT ALL INLET DRAINAGE STRUCTURES DURING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
34. DE-WATERING SYSTEM SHALL BE UTILIZED BY THE CONTRACTOR IN ACCORDANCE WITH GOOD STANDARD PRACTICES AND MUST BE EFFICIENT ENOUGH TO LOWER THE WATER LEVEL IN ADVANCE OF EXCAVATION TO KEEP THE TRENCH BOTTOM AND SIDES FIRM AND DRY, (2' MINIMUM BELOW THE TRENCH BOTTOM). NO POLLUTED WATER SHALL BE DISCHARGED INTO SANITARY SEWER, STORM SYSTEM, OR BODIES OF WATER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE DEWATERING PERMITS.
35. ALL EXCAVATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE TRENCH SAFETY ACT. THE DISPOSAL OF EXCESS EARTHWORK MATERIALS SHALL BE THE RESPONSIBILITY/PROPERTY OF THE CONTRACTOR.
36. WHERE CONNECTION IS TO BE MADE IN THE FIELD TO AN EXISTING PIPE, THE CONTRACTOR WILL EXCAVATE THE PIPE TO VERIFY THE TYPE, SIZE, AND CONDITION OF THE PIPE AND OBTAIN THE ENGINEER'S APPROVAL OF THE PROPOSED METHOD OF CONNECTION PRIOR TO INSTALLING THE NEW PIPELINE.
37. PRIOR TO BEGINNING OF ANY CLEARING ACTIVITIES, THE CONTRACTOR SHALL CLEARLY MARK WITH FLAGGING TAPE OR OTHER APPROVED METHOD, ALL EXISTING TREES TO REMAIN ON THE PROJECT SITE. ALL TREES TO BE REMOVED SHALL BE MARKED WITH SPRAY PAINT OR OTHER APPROVED METHOD SO THAT DURING CLEARING, THERE ARE NO MISUNDERSTANDINGS AS TO WHICH TREES ARE TO BE REMOVED AND WHICH ARE TO REMAIN. THE CONTRACTOR SHALL NOT REMOVE ANY TREES WITHOUT THE APPROVAL OF THE ENGINEER.
38. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF DAMAGED TREES WITH TREES OF SIMILAR QUALITIES AND SPECIES, SIZED AT THE DIRECTION OF THE COUNTY REPRESENTATIVE AT NO COST TO THE COUNTY.
39. TEMPORARY DRAINAGE SHALL BE PROVIDED DURING CONSTRUCTION TO ELIMINATE ANY FLOODING OF PRIVATE PROPERTY AND EXISTING ROADWAYS CAUSED BY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE AT NO EXTRA COST TO THE OWNER.
40. ALL EXISTING AND INSTALLED STORM SEWER LINES AND INLETS SHALL BE CLEANED OF DEBRIS AND ERODED MATERIALS DURING THE LAST STAGES OF CONSTRUCTION. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE DRAINAGE CONSTRUCTION. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ALL EXISTING DRAINAGE PROBLEM OR DRAINAGE PROBLEMS THAT WILL BE CREATED BY THIS CONSTRUCTION.
41. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE EXISTING ROAD, SHOULDERS, AND CONSTRUCTION AREA. ALL COST SHALL BE INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL USE TEMPORARY SHEETING OR TRENCH BOXES TO MINIMIZE THE SIZE OF THE EXCAVATIONS AND TO PROTECT ADJACENT EXISTING ROADWAYS, UTILITIES AND OTHER FACILITIES. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER UNLESS THE CONTRACTOR IS DIRECTED TO LEAVE THE SHEETING IN PLACE. THE CONTRACTOR SHALL REPLACE ALL EXISTING PAVEMENT DAMAGED BY THE PIPE PLACEMENT AT NO ADDITIONAL COST.
42. NO MACHINE EXCAVATION SHALL BE PERFORMED WITHIN 5 FEET OF A GAS MAIN.
43. WHEN PERFORMING AS-BUILT OR RECORD SURVEYS, THE SURVEYOR AND MAPPER SHALL OBTAIN FIELD MEASUREMENT OF VERTICAL AND HORIZONTAL LOCATION OF CONSTRUCTED IMPROVEMENTS. WHEN THE SURVEYOR AND MAPPER PREPARES AS-BUILT MAPS THEY WILL CLEARLY SHOW AS SYMBOLS, NOTATIONS, OR DELINEATIONS, THOSE CONSTRUCTED IMPROVEMENTS LOCATED BY THE SURVEY. ALL MAPS PREPARED SHALL MEET APPLICABLE MINIMUM TECHNICAL STANDARDS PER SECTION 1050 OF THE SPECIFICATIONS.
44. THE VERTICAL AND HORIZONTAL ACCURACY SHALL BE SUCH THAT IT MAY BE EASILY DETERMINED WHETHER THE IMPROVEMENTS WERE CONSTRUCTED CONSISTENT WITH PLANNED LOCATIONS.
45. THE AS-BUILT SHALL BE DELIVERED IN HARD COPY FORM AND DIGITAL FORM IN BOTH MICROSTATION (DGN) AND .PDF FORMAT.
46. REMOVAL OF EXISTING STRUCTURES AND PIPES SHALL BE INCLUDED AS PART OF THE CLEARING AND GRUBBING ITEM.
47. CONTRACTOR SHALL NOT UTILIZE VIBRATORY COMPACTION.
48. UTILITIES ARE TO BE ADJUSTED BY OTHERS OR AS DIRECTED BY THE ENGINEER.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	GENERAL NOTES



CURVE DATA CL_Slavia_3
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 Δ = 57° 39' 45" (LT)
 D = 28° 38' 52"
 T = 110.09
 L = 201.28
 R = 200.00
 PC STA. = 532+65.70
 PT STA. = 534+66.98
 e = RC

LEGEND

	MILLING & RESURFACING
	WIDENING
	DETECTABLE WARNING SURFACE

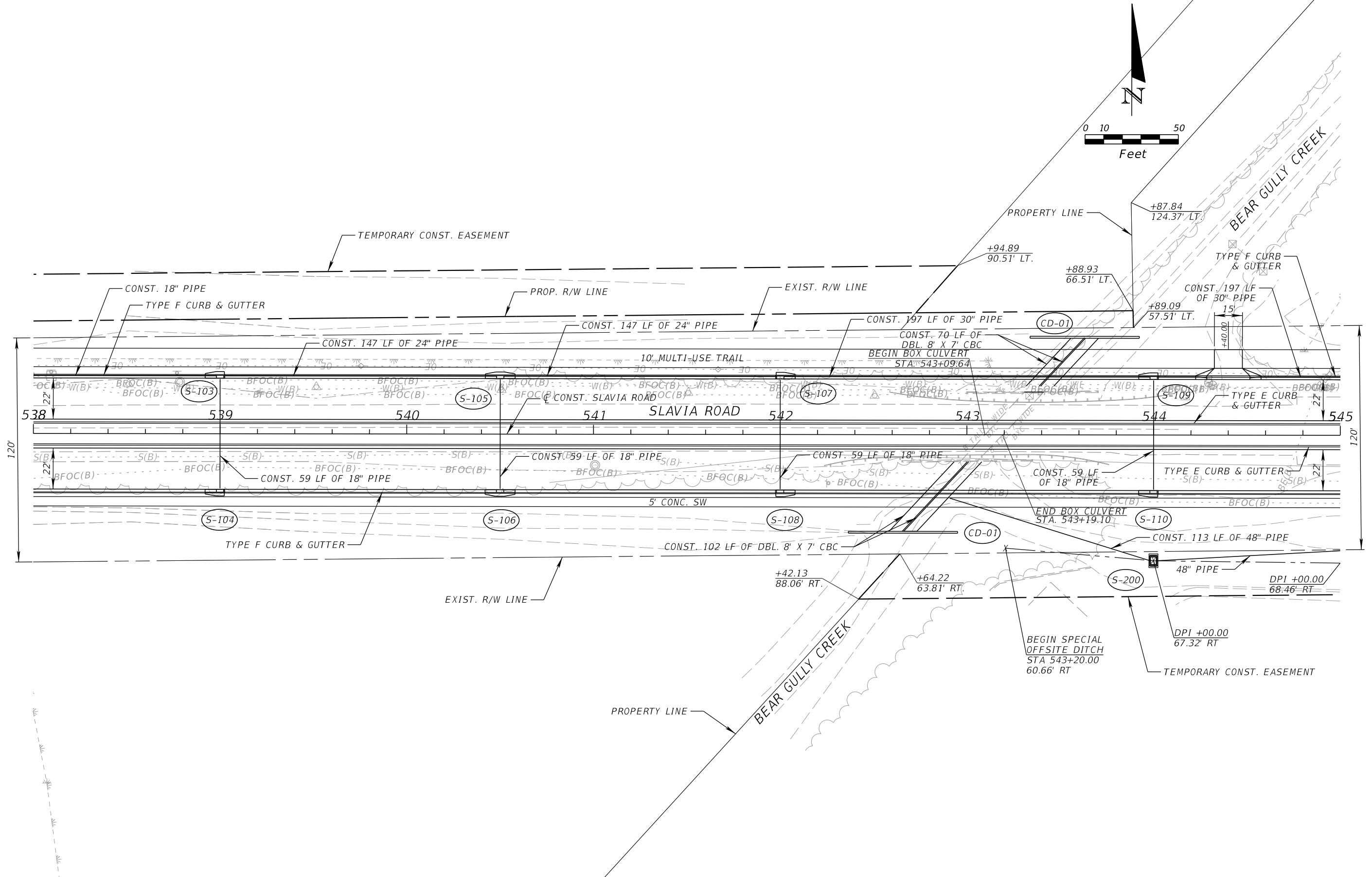
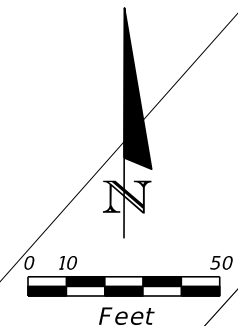
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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SEMINOLE COUNTY FLORIDA'S SUNSHINE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

ROADWAY PLAN (1)		SHEET NO.
SLAVIA ROAD		
		17

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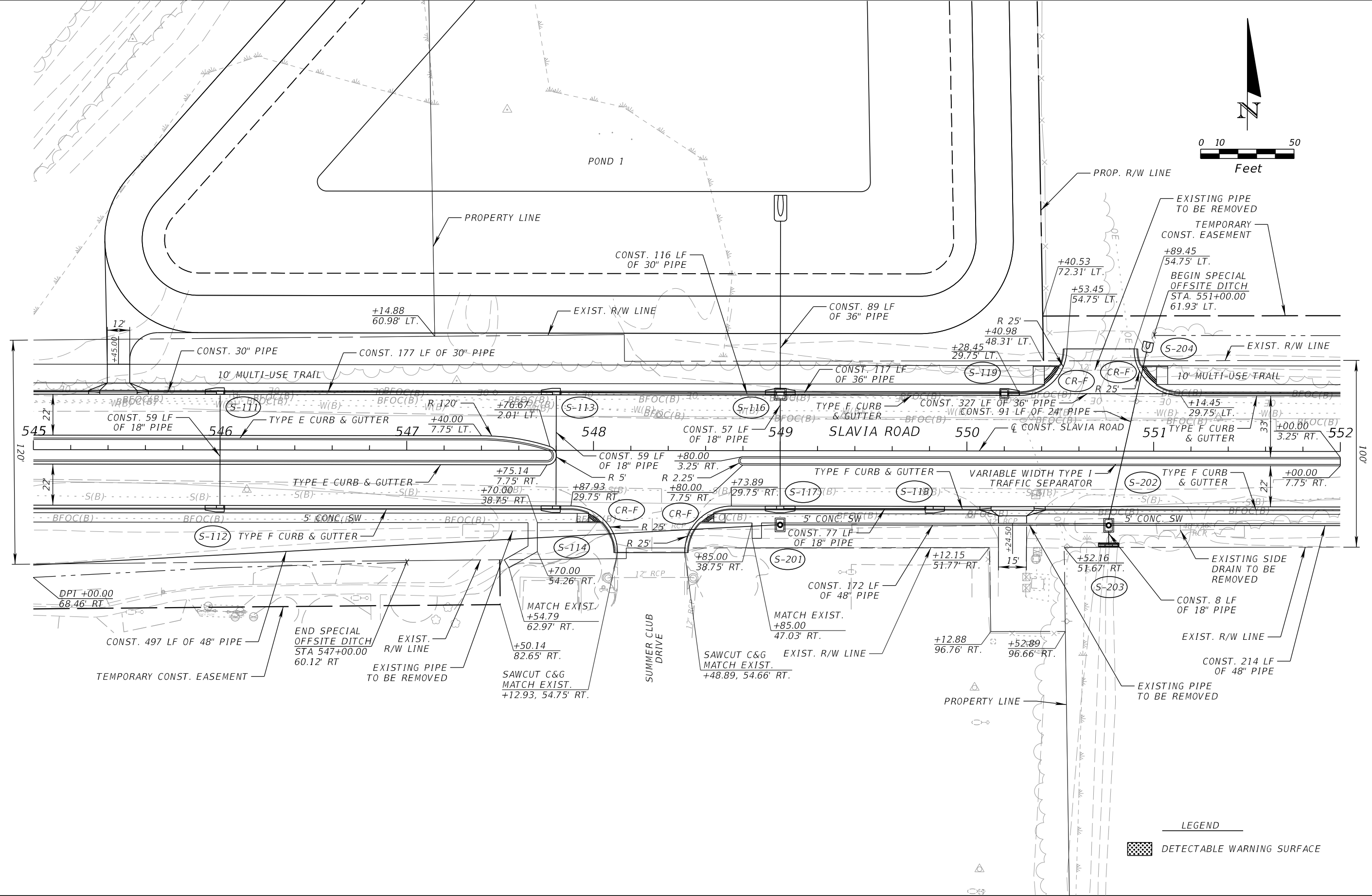
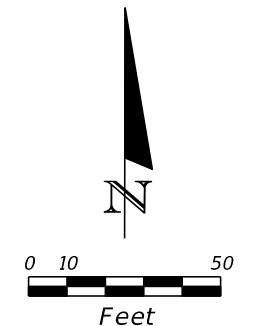
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SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

ROADWAY PLAN (2)
SLAVIA ROAD

SHEET NO.
 18

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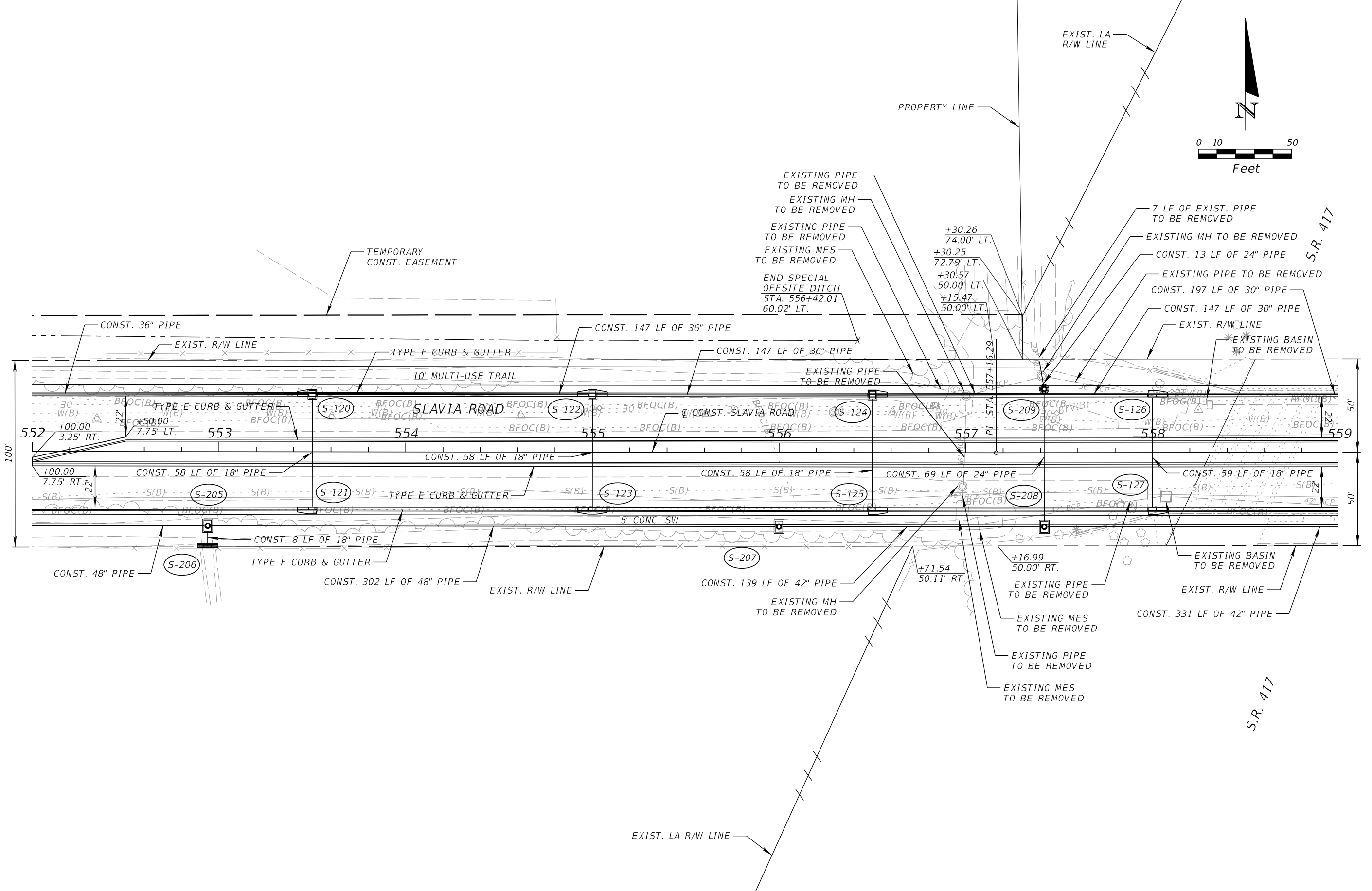
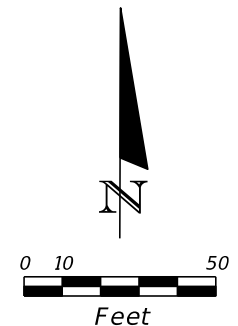
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SEMINOLE COUNTY <small>Florida's Shining State</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

ROADWAY PLAN (3)
SLAVIA ROAD

SHEET NO.
 19

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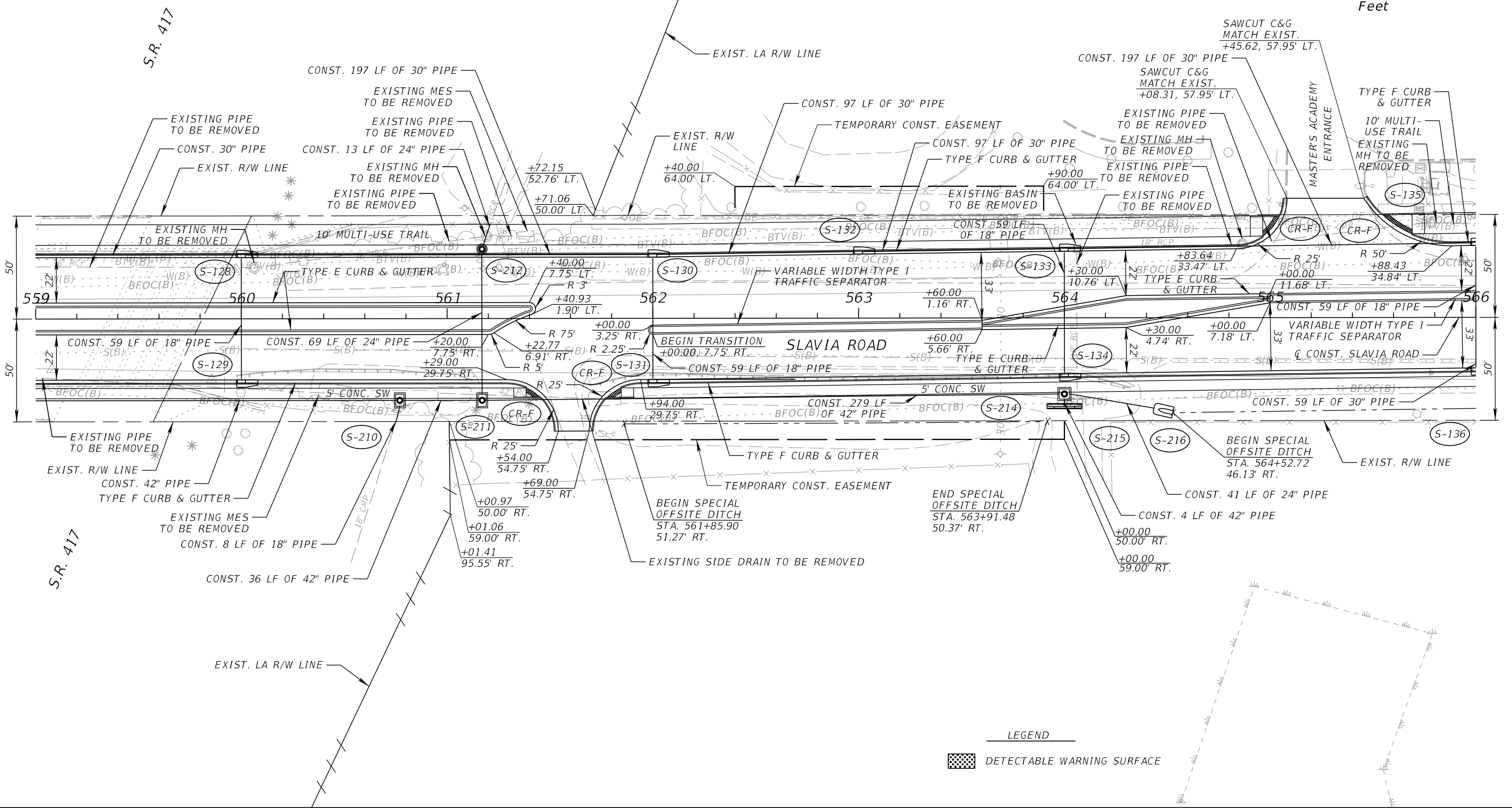
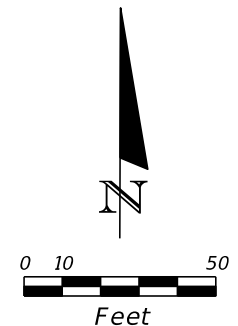
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SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

ROADWAY PLAN (4)
SLAVIA ROAD

SHEET NO.
 20

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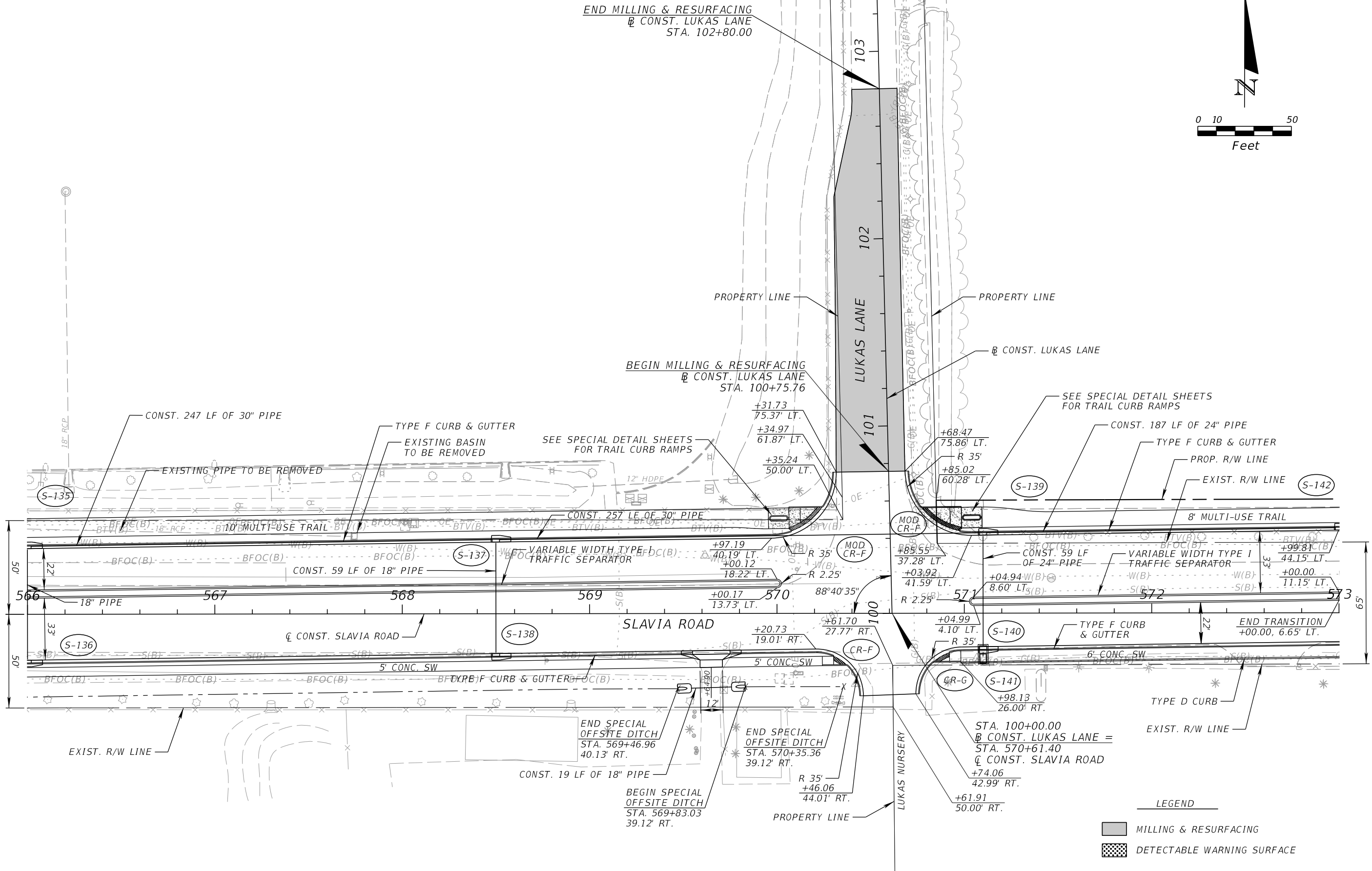
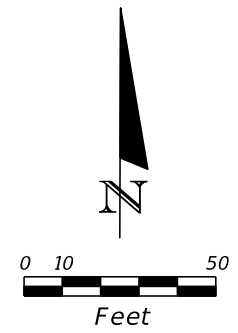
SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

ROADWAY PLAN (5)
SLAVIA ROAD

SHEET NO.
 21

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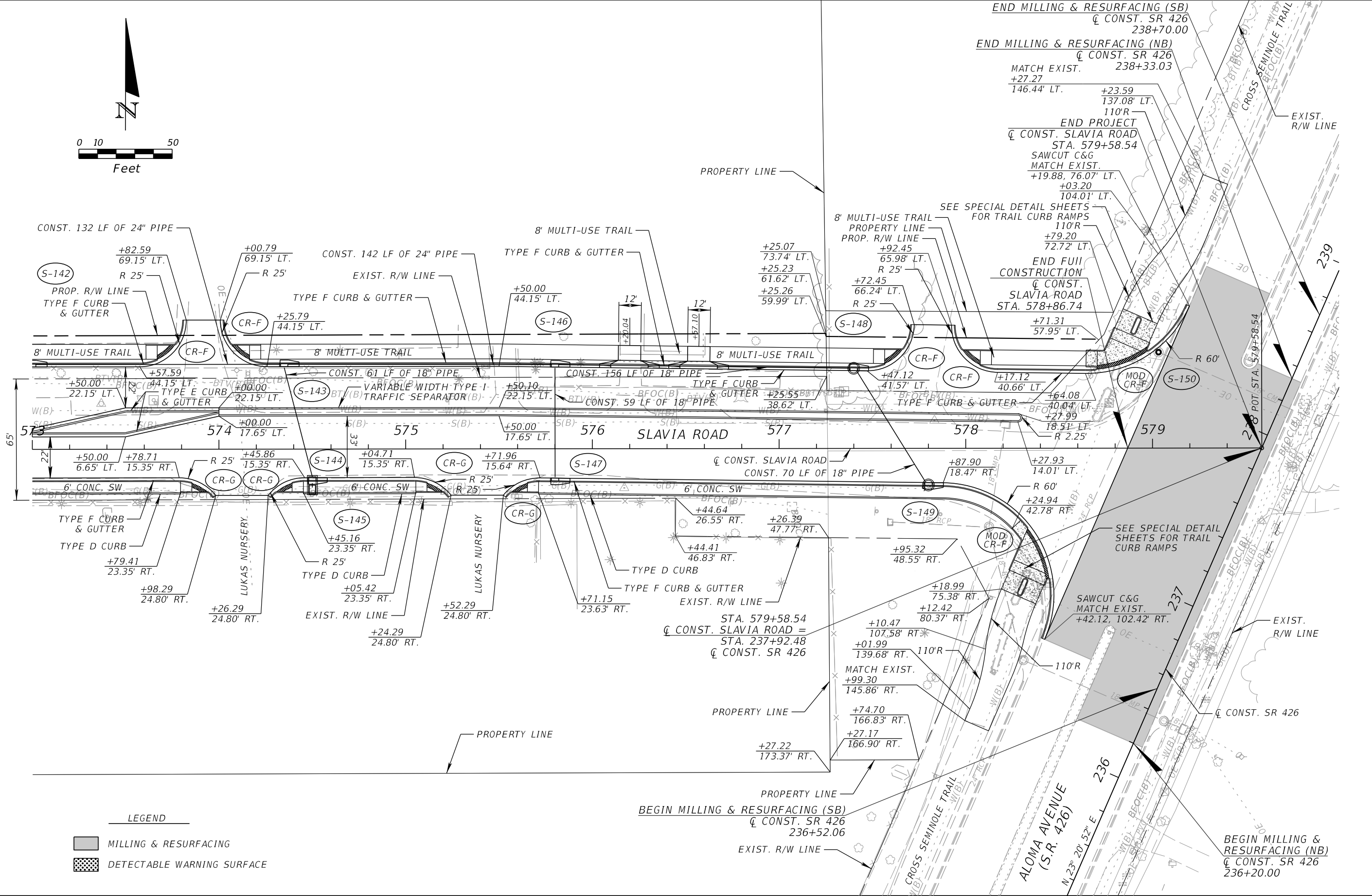
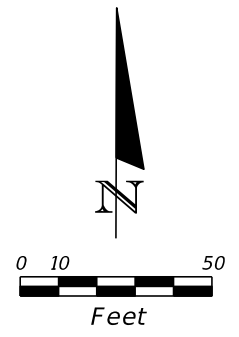
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 @ CONST. LUKAS LANE
 STA. 102+80.00



- LEGEND**
- MILLING & RESURFACING
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		22
					SLAVIA	PS-2552-19/GCM	01785146		

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	DETECTABLE WARNING SURFACE

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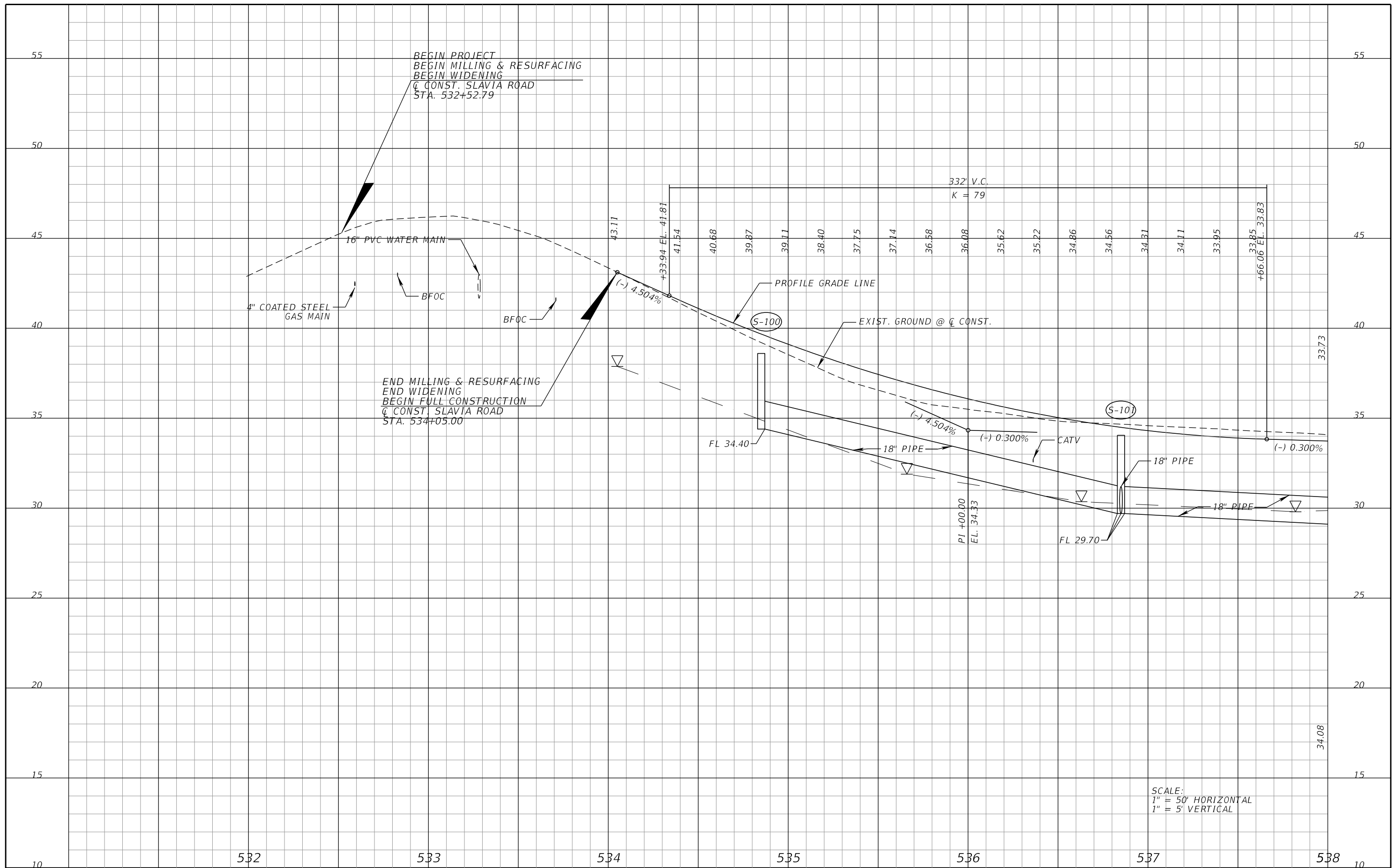
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SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
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ROADWAY PLAN (7)
SLAVIA ROAD

SHEET NO.
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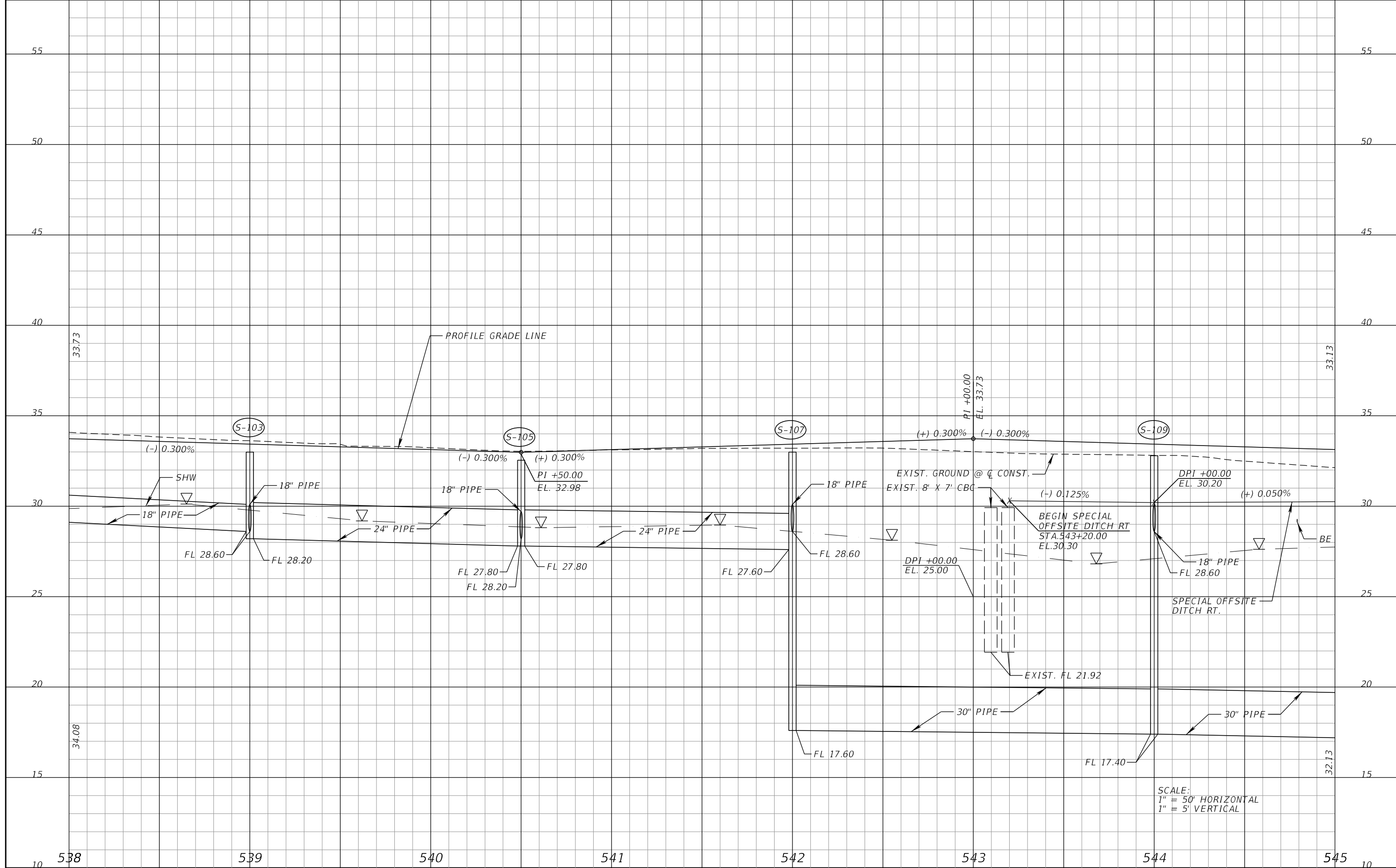
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**ROADWAY PROFILE (1)
SLAVIA ROAD**

SHEET NO.
24

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SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
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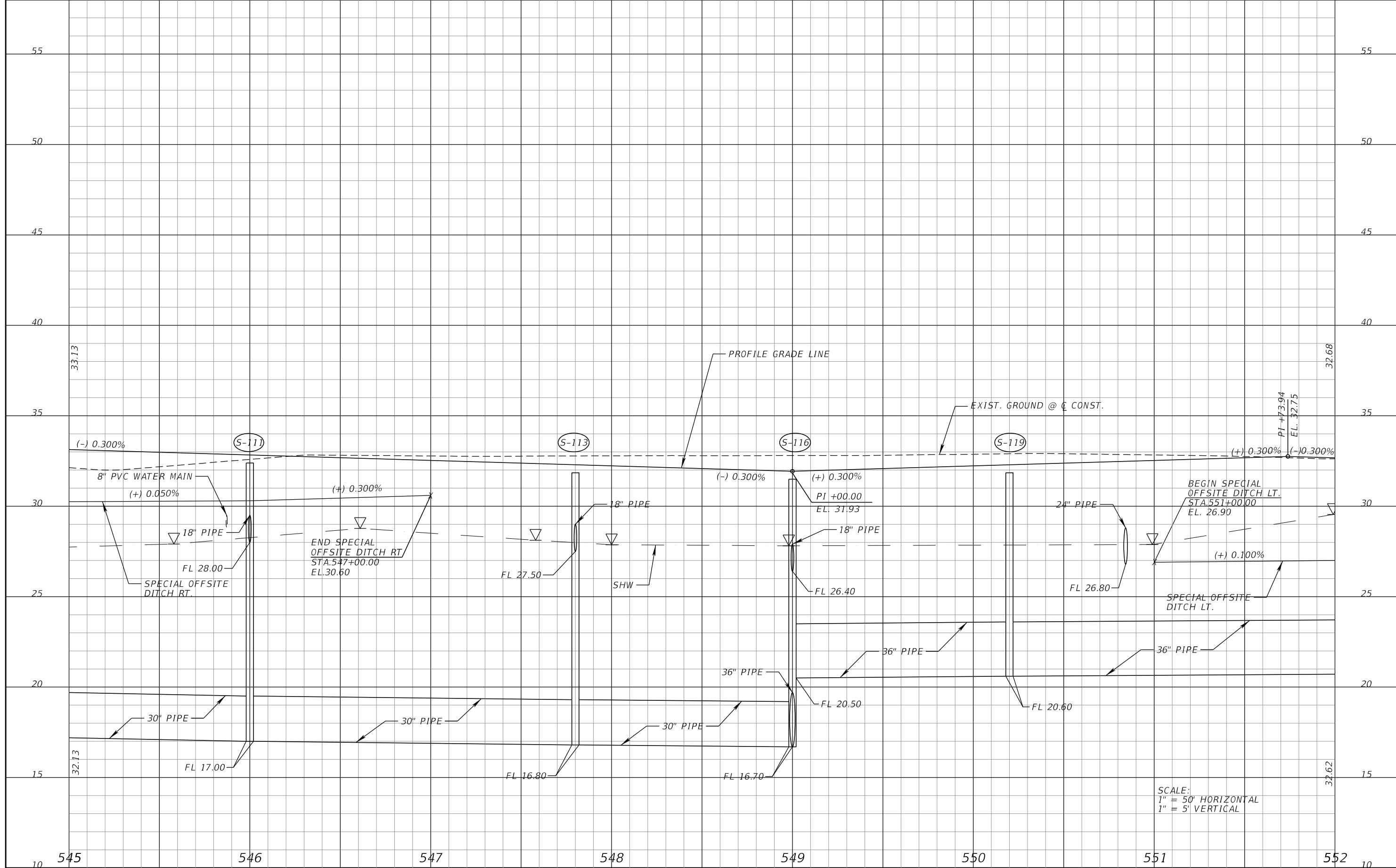
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SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
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ROADWAY PROFILE (2)
SLAVIA ROAD

SHEET NO.
 25

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 1" = 5' VERTICAL

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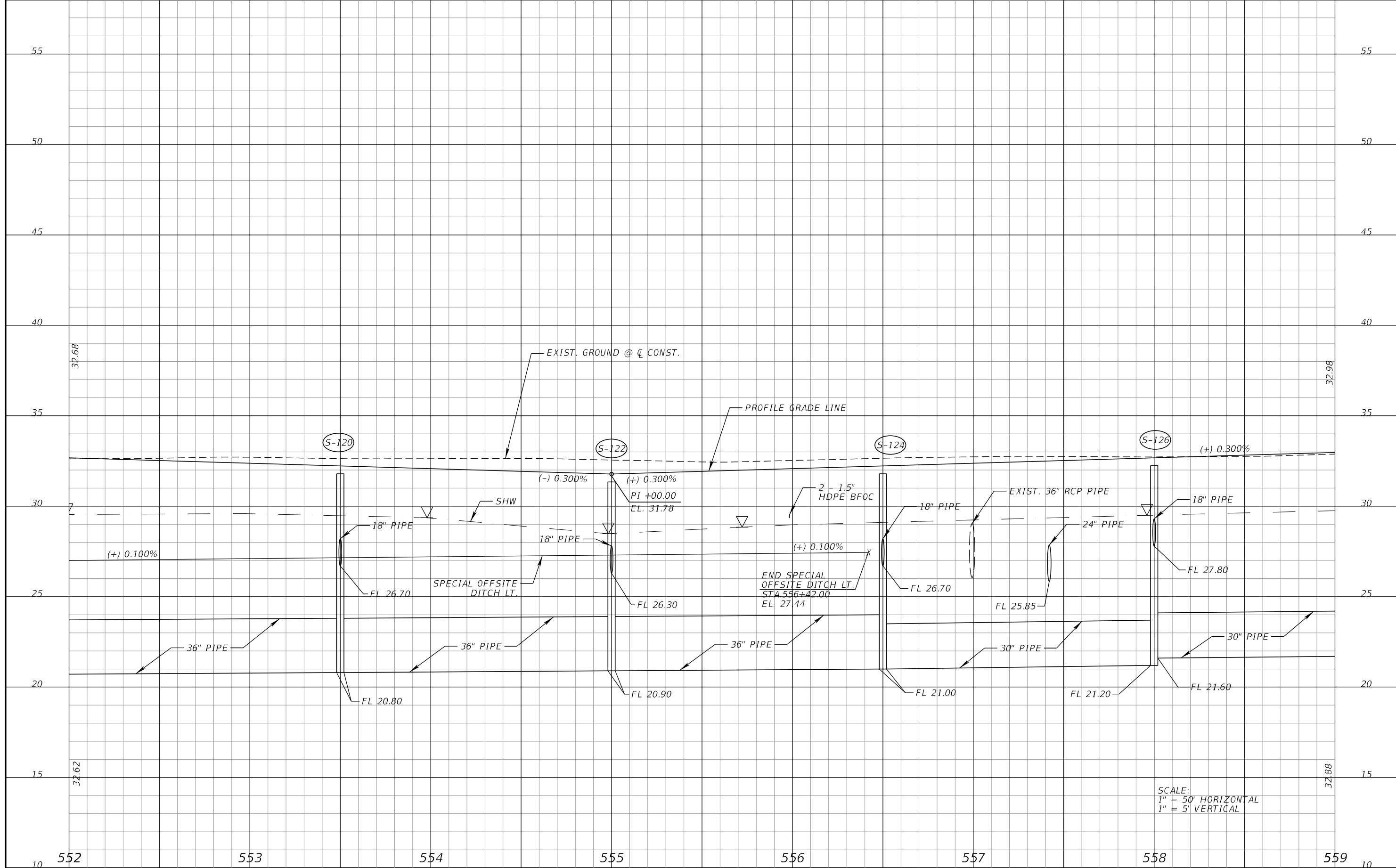
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SEMINOLE COUNTY Florida's Future Starts Here		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

ROADWAY PROFILE (3)
SLAVIA ROAD

SHEET NO.
 26

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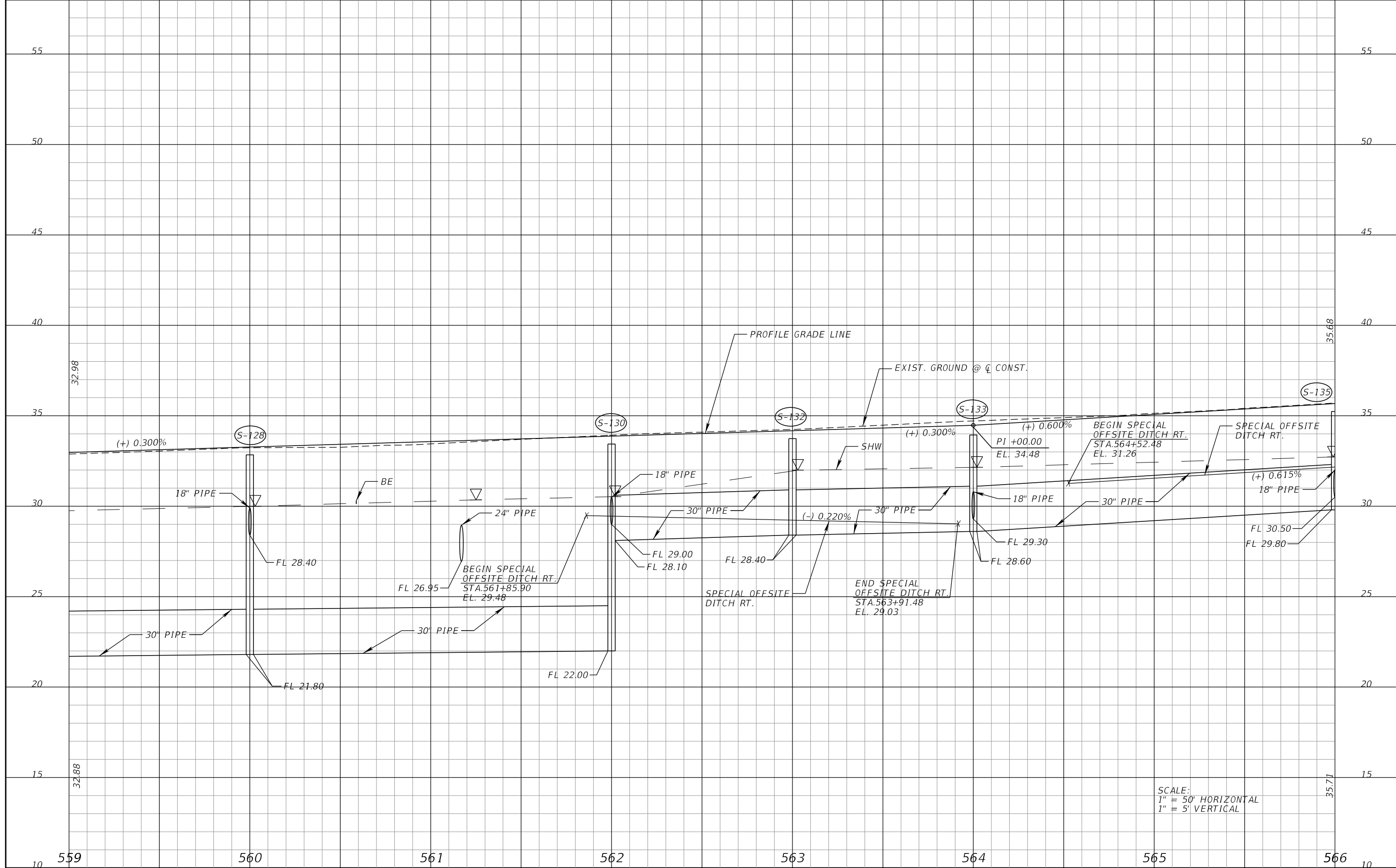
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SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
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ROADWAY PROFILE (4)
SLAVIA ROAD

SHEET NO.
27

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 1" = 5' VERTICAL

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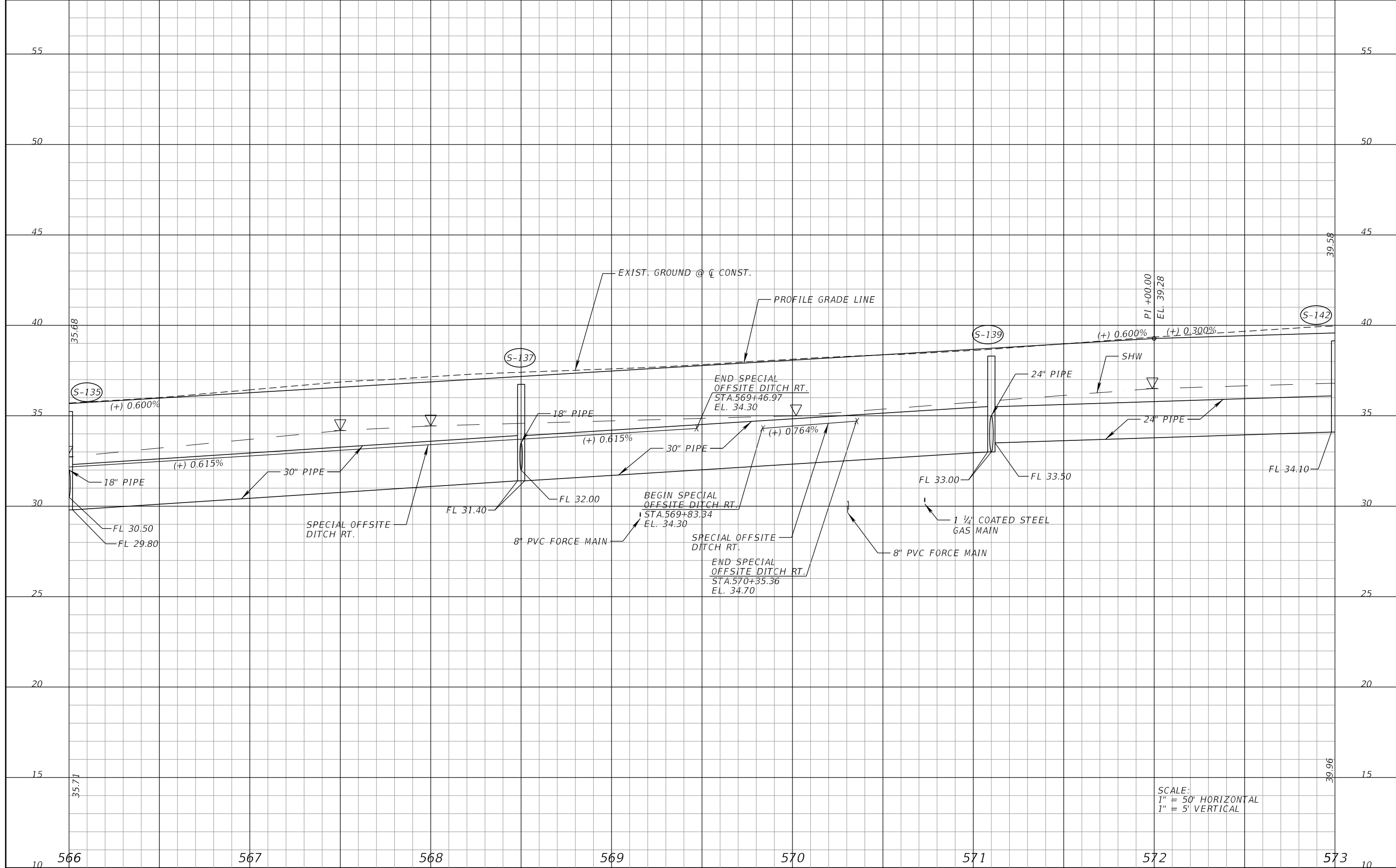
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SEMINOLE COUNTY FLORIDA'S SOUTHERN CORNER		
ROAD	COUNTY PROJECT NO.	CIP NO.
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ROADWAY PROFILE (5)
SLAVIA ROAD

SHEET NO.
 28

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REVISIONS			
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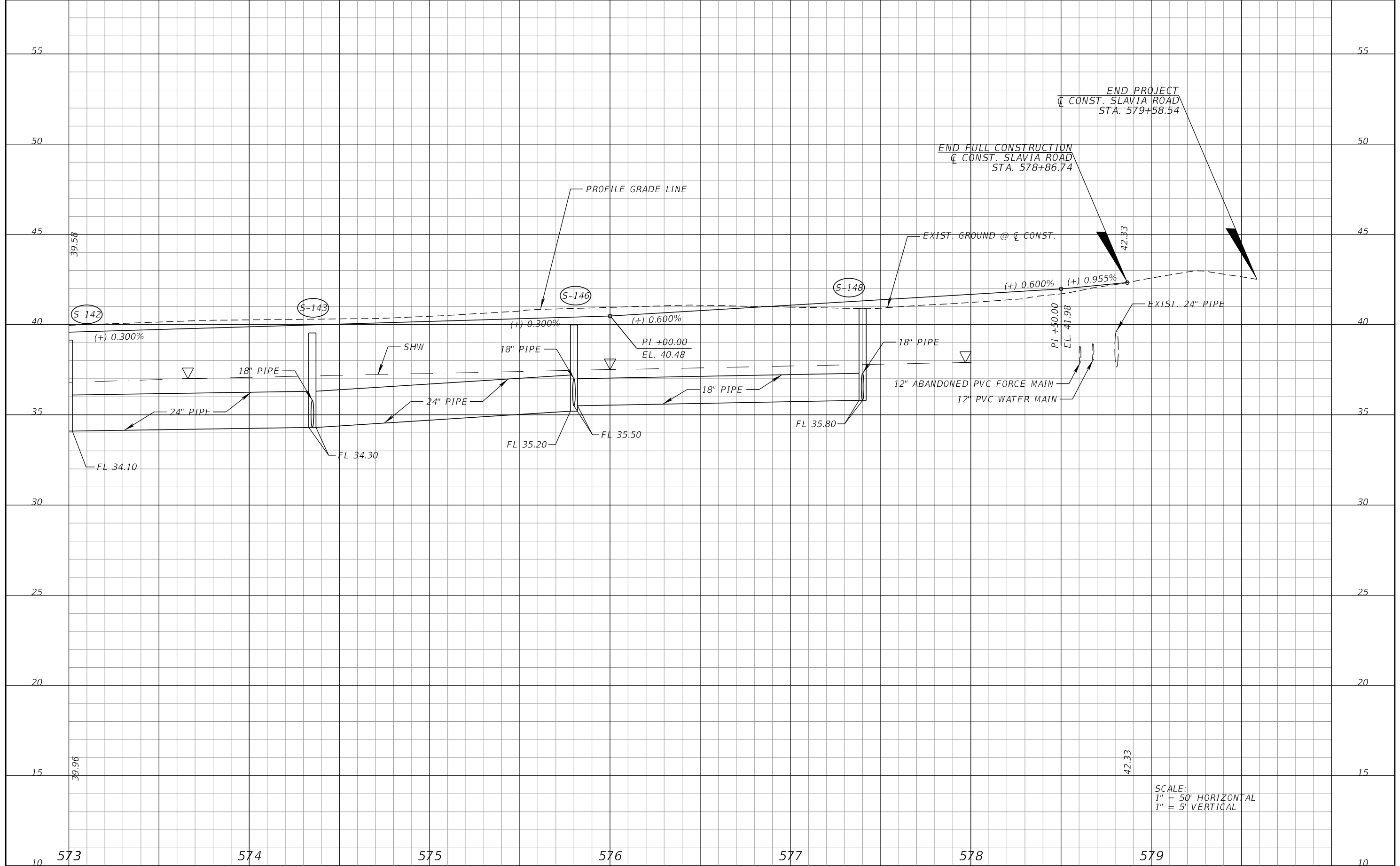
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SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
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ROADWAY PROFILE (6)
SLAVIA ROAD

SHEET NO.
 29

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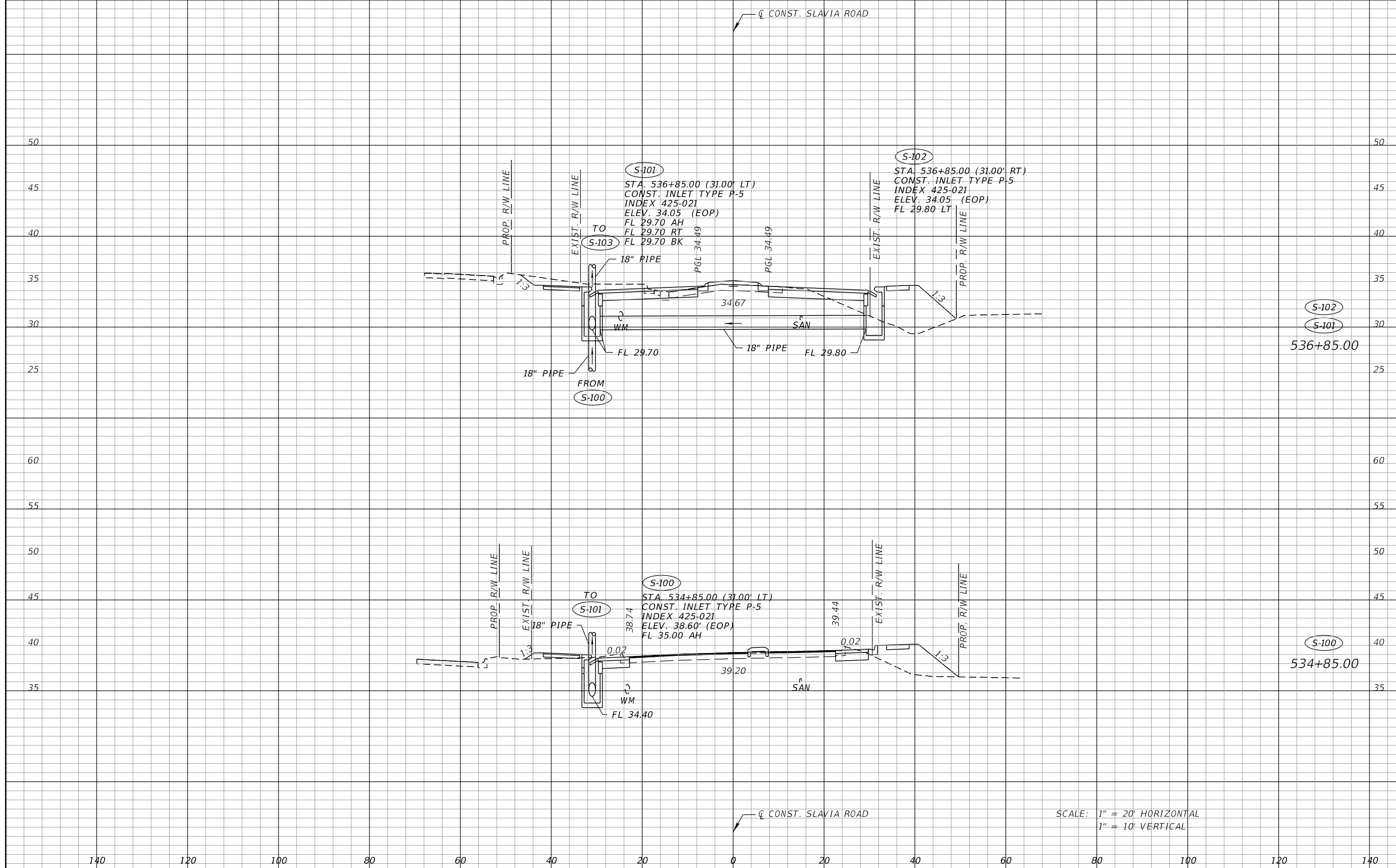
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SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
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01785146	

ROADWAY PROFILE (7)
SLAVIA ROAD

SHEET NO.
30

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140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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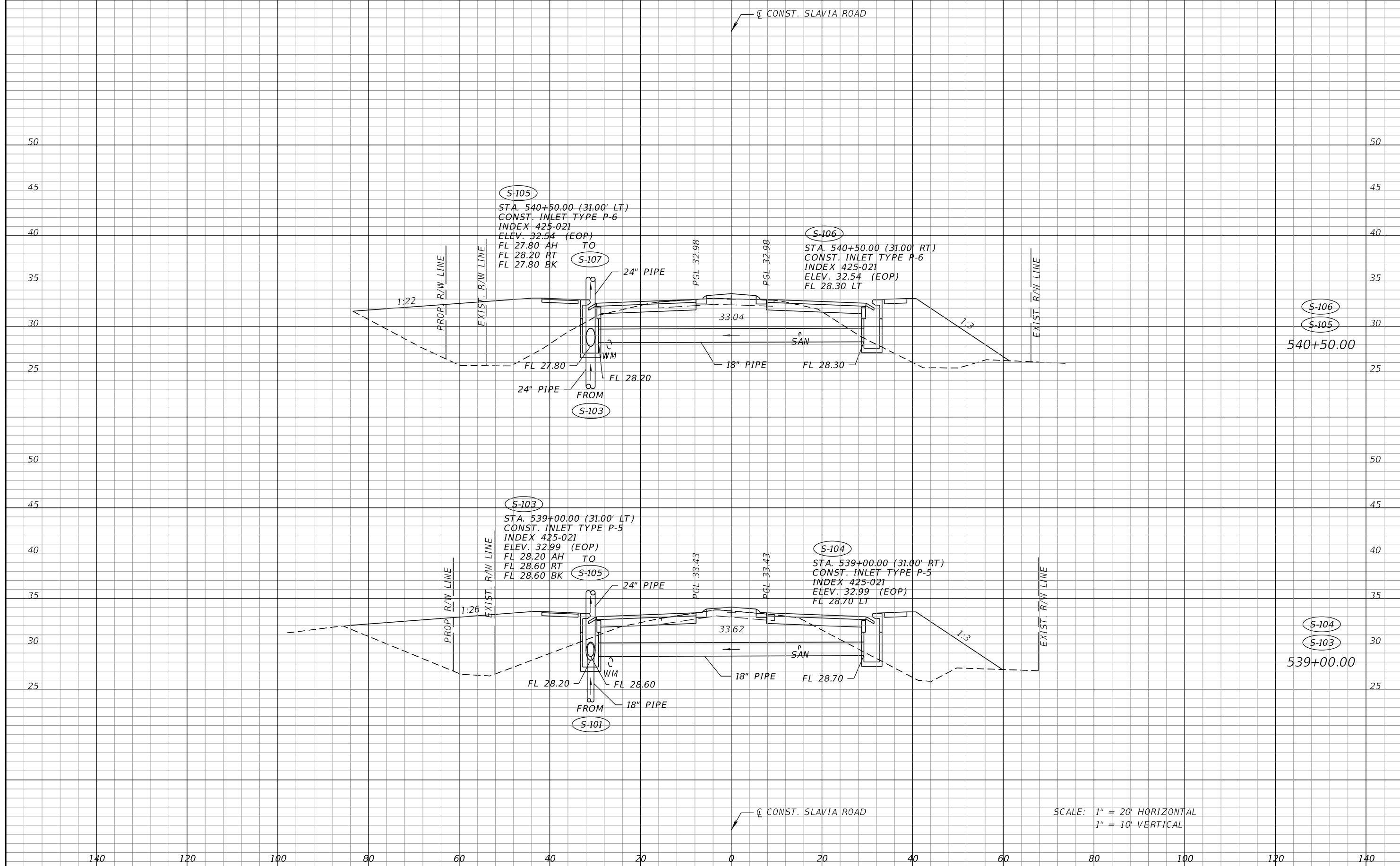
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
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ORLANDO, FL 32803

SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
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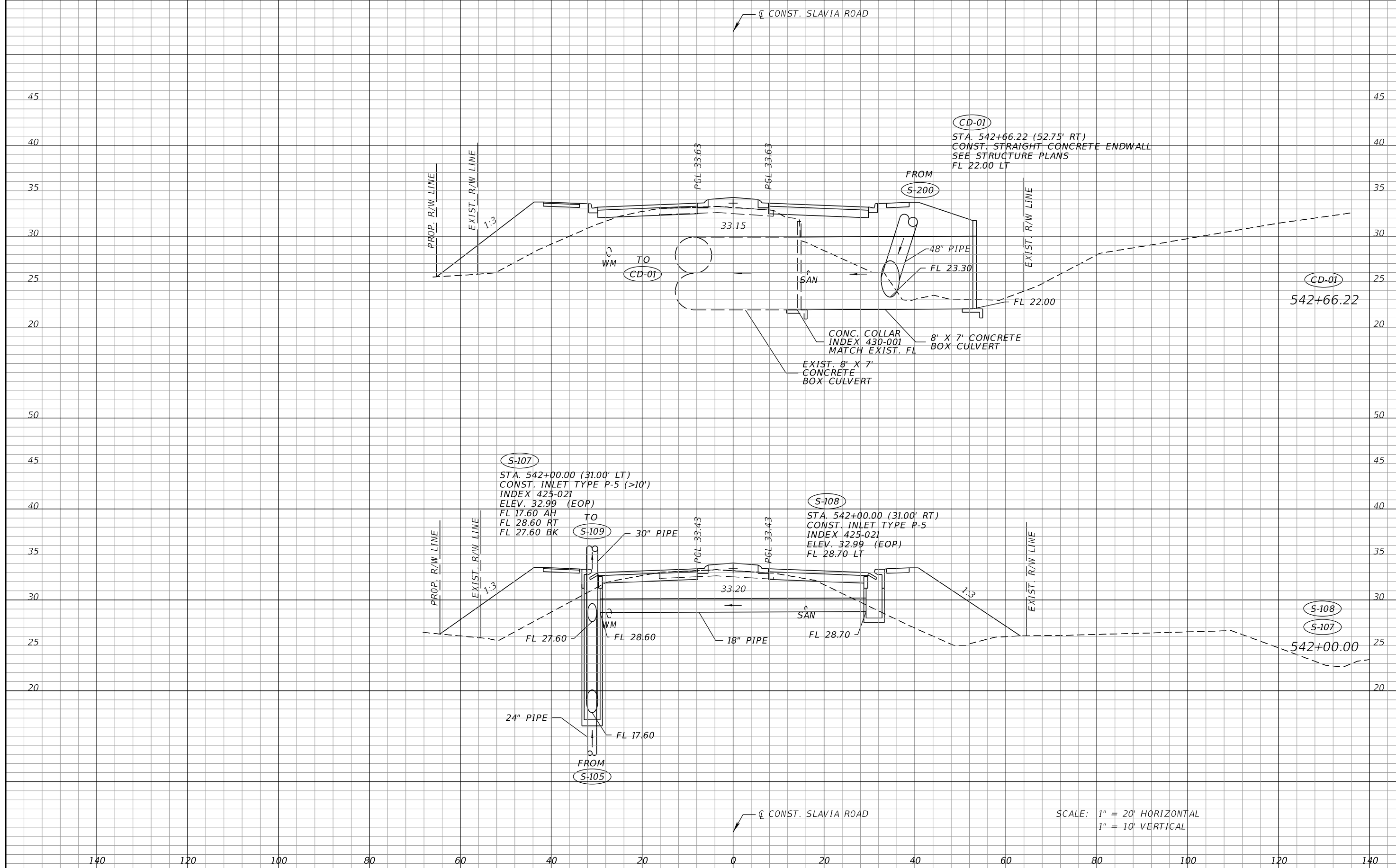
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ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
32

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1" = 10' VERTICAL

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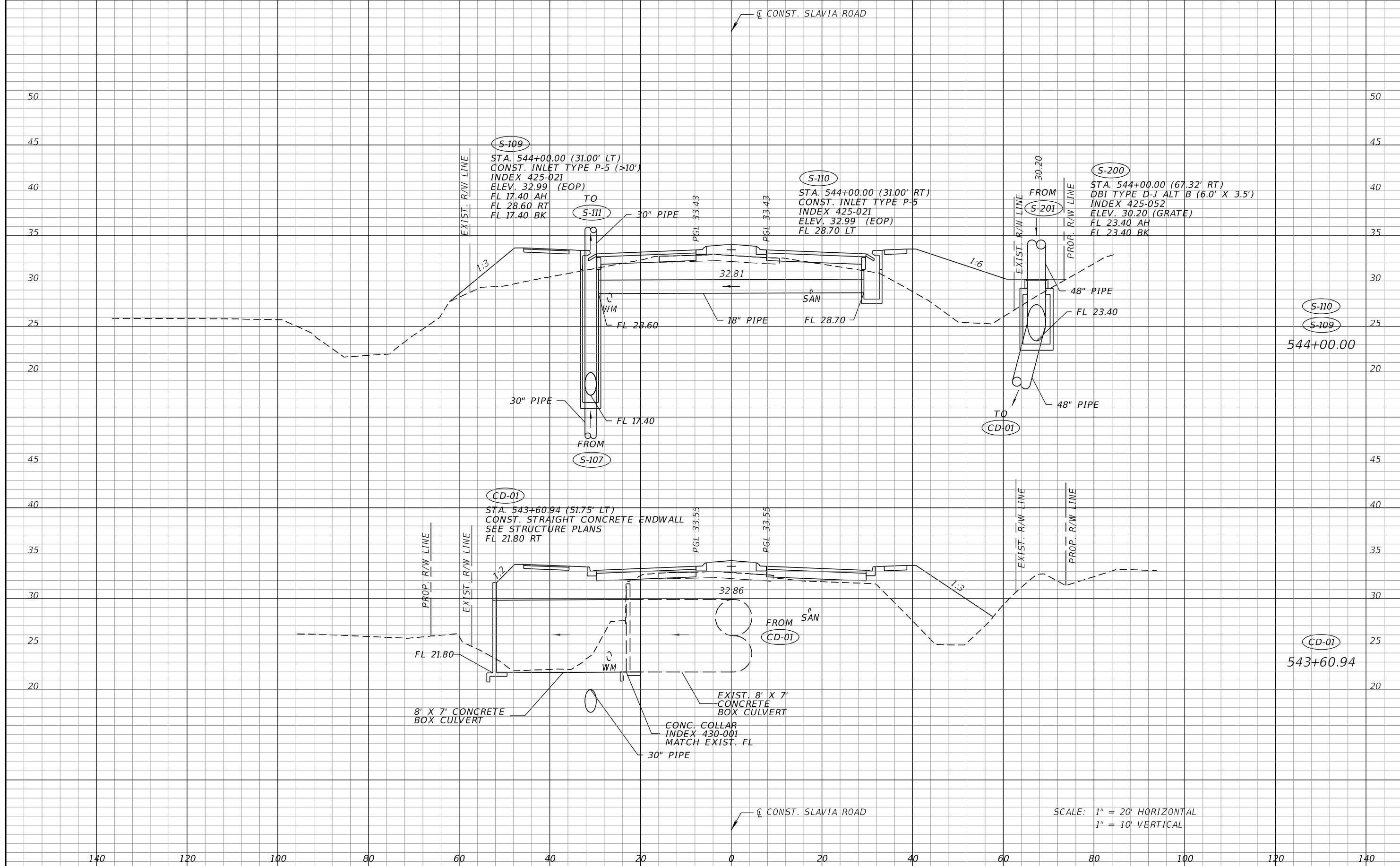
SEAN CARRIGAIN, P.E.
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SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
33

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(S-110)
(S-109)
544+00.00

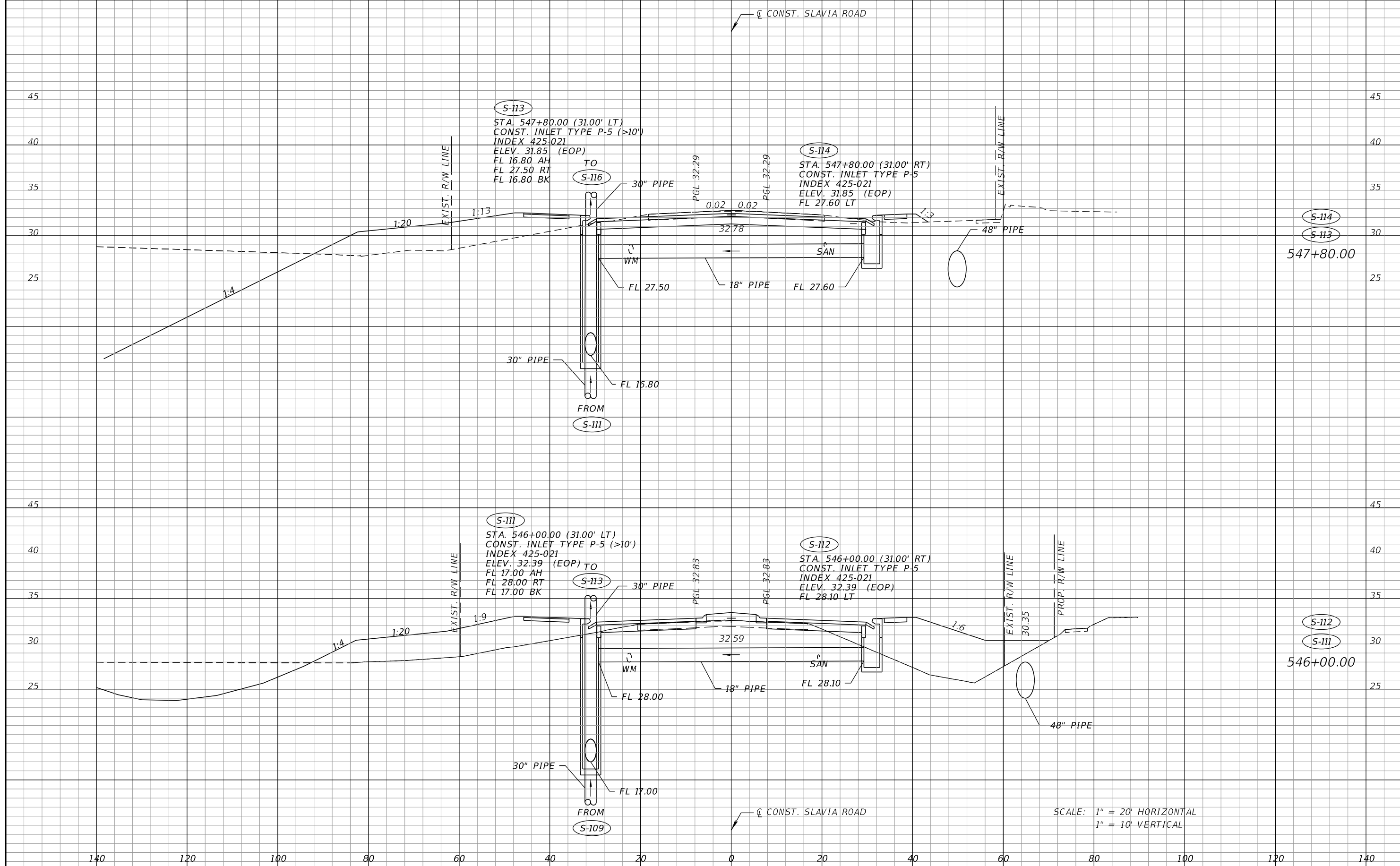
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SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		 SEMINOLE COUNTY ROAD: SLAVIA COUNTY PROJECT NO.: PS-2552-19/GCM CIP NO.: 01785146	
DRAINAGE STRUCTURE CROSS SECTIONS SLAVIA ROAD		SHEET NO.	
		34	

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S-114
S-113
547+80.00

S-112
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SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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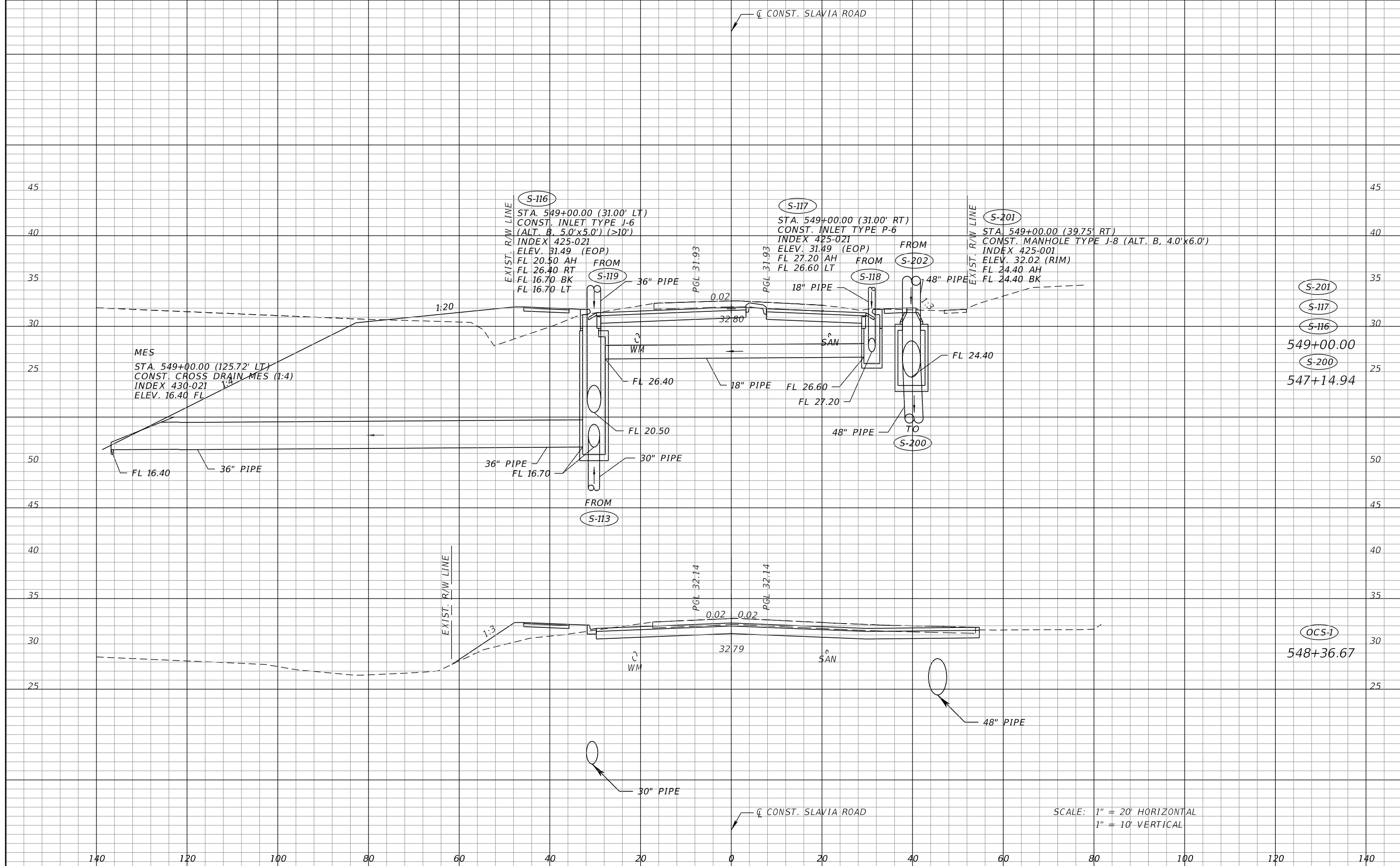
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P.E. LICENSE NUMBER 73041
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ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
35

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REVISIONS	
DATE	DESCRIPTION

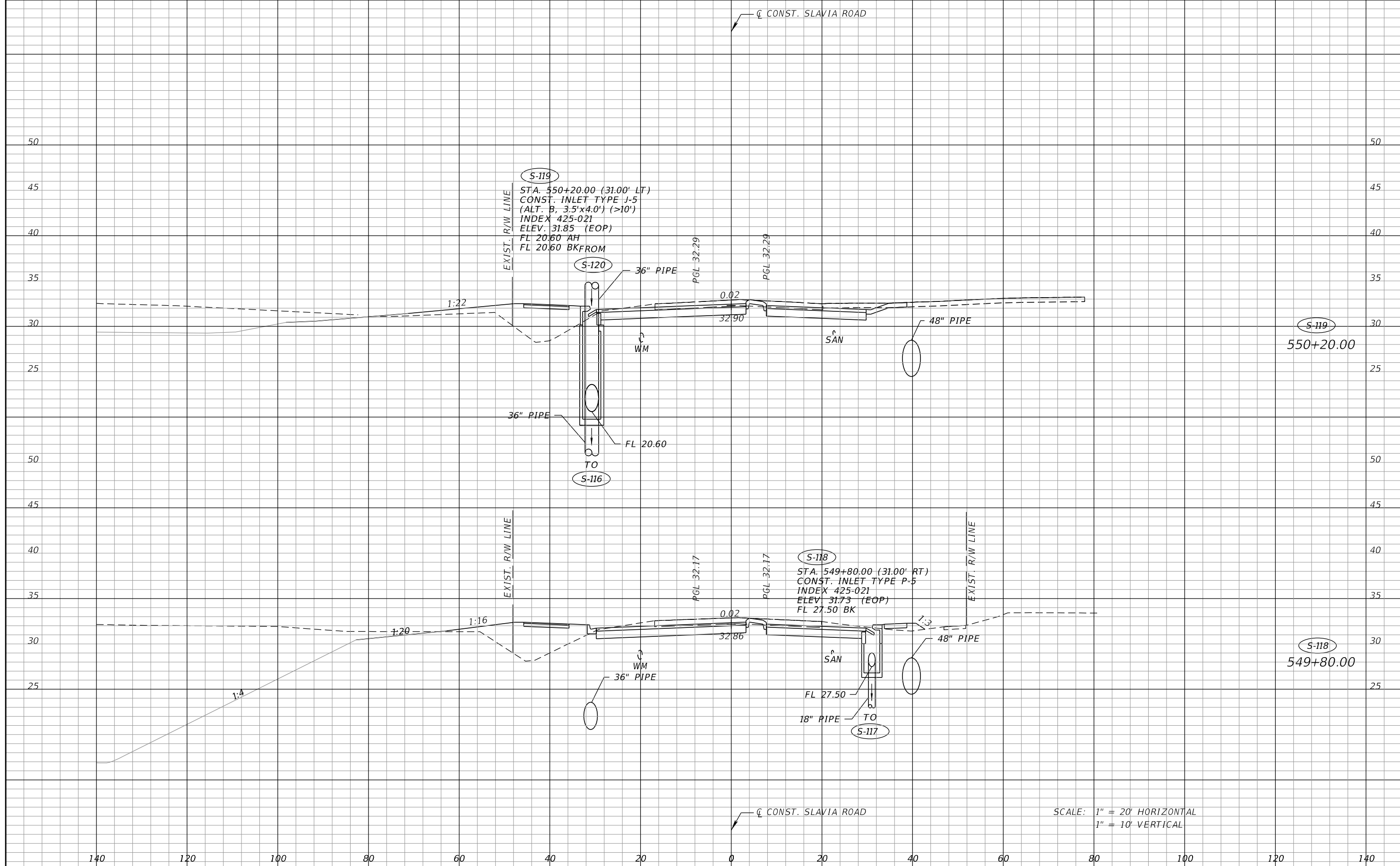
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
36

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



REVISIONS	
DATE	DESCRIPTION

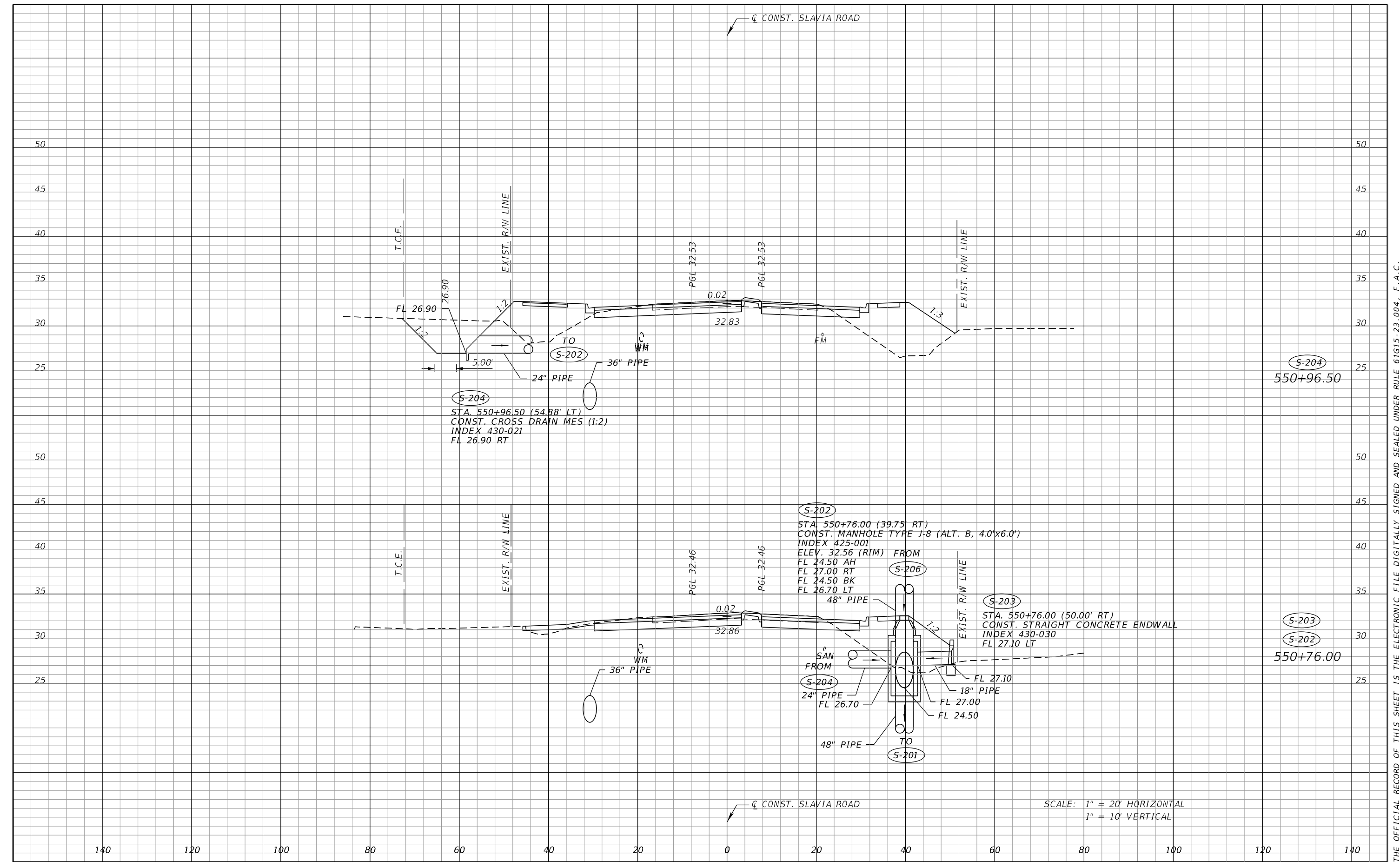
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE CAPITAL	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

**DRAINAGE STRUCTURE
 CROSS SECTIONS
 SLAVIA ROAD**

SHEET NO.
 37

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



S-204
 STA. 550+96.50 (54.88' LT)
 CONST. CROSS DRAIN MES (1:2)
 INDEX 430-021
 FL 26.90 RT

S-202
 STA. 550+76.00 (39.75' RT)
 CONST. MANHOLE TYPE J-8 (ALT. B, 4.0'x6.0')
 INDEX 425-001
 ELEV. 32.56 (RIM) FROM
 FL 24.50 AH
 FL 27.00 RT
 FL 24.50 BK
 FL 26.70 LT

S-203
 STA. 550+76.00 (50.00' RT)
 CONST. STRAIGHT CONCRETE ENDWALL
 INDEX 430-030
 FL 27.10 LT

SCALE: 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

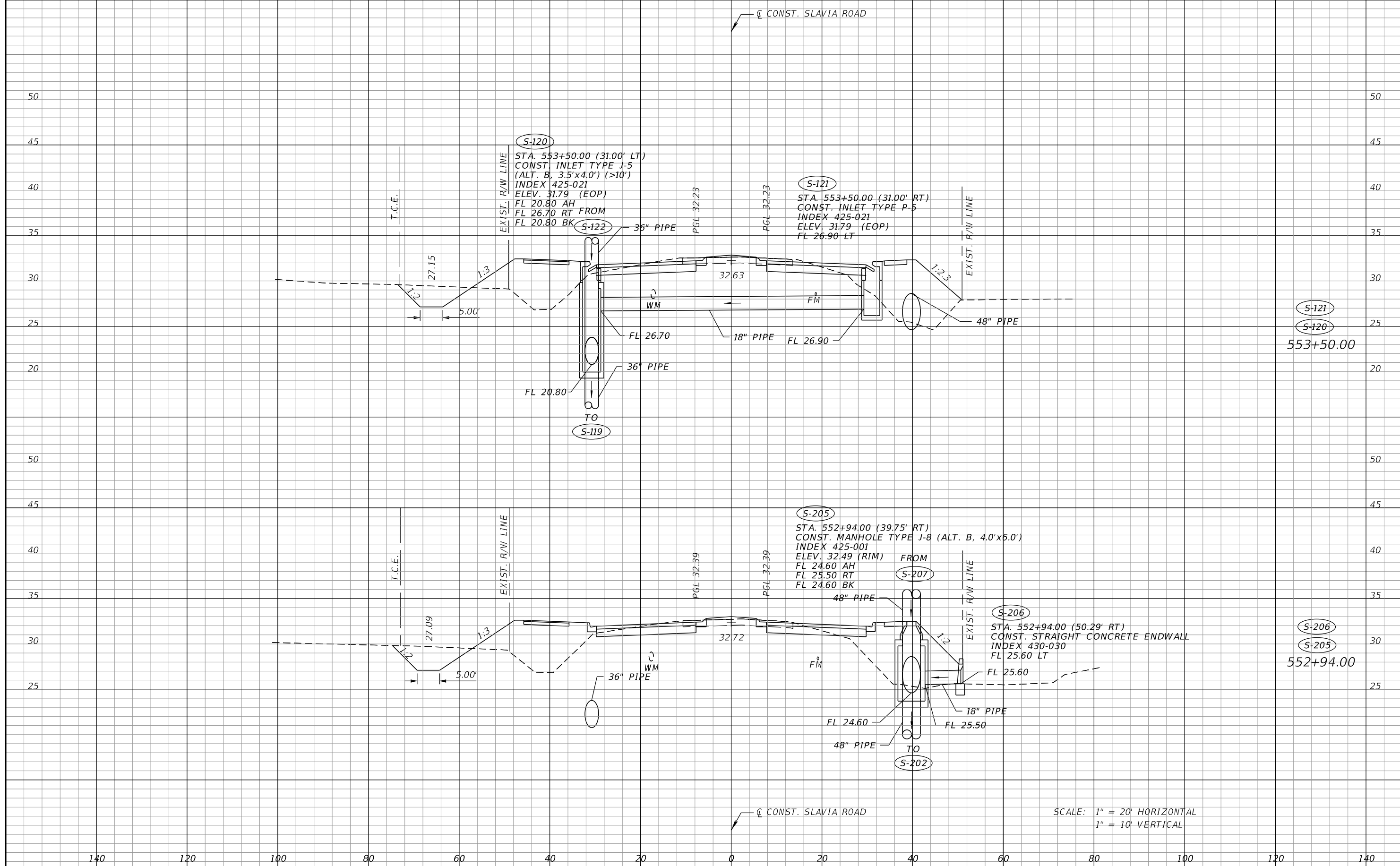
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

**DRAINAGE STRUCTURE
 CROSS SECTIONS
 SLAVIA ROAD**

SHEET NO.
 38

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



S-121
S-120
553+50.00

S-206
S-205
552+94.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

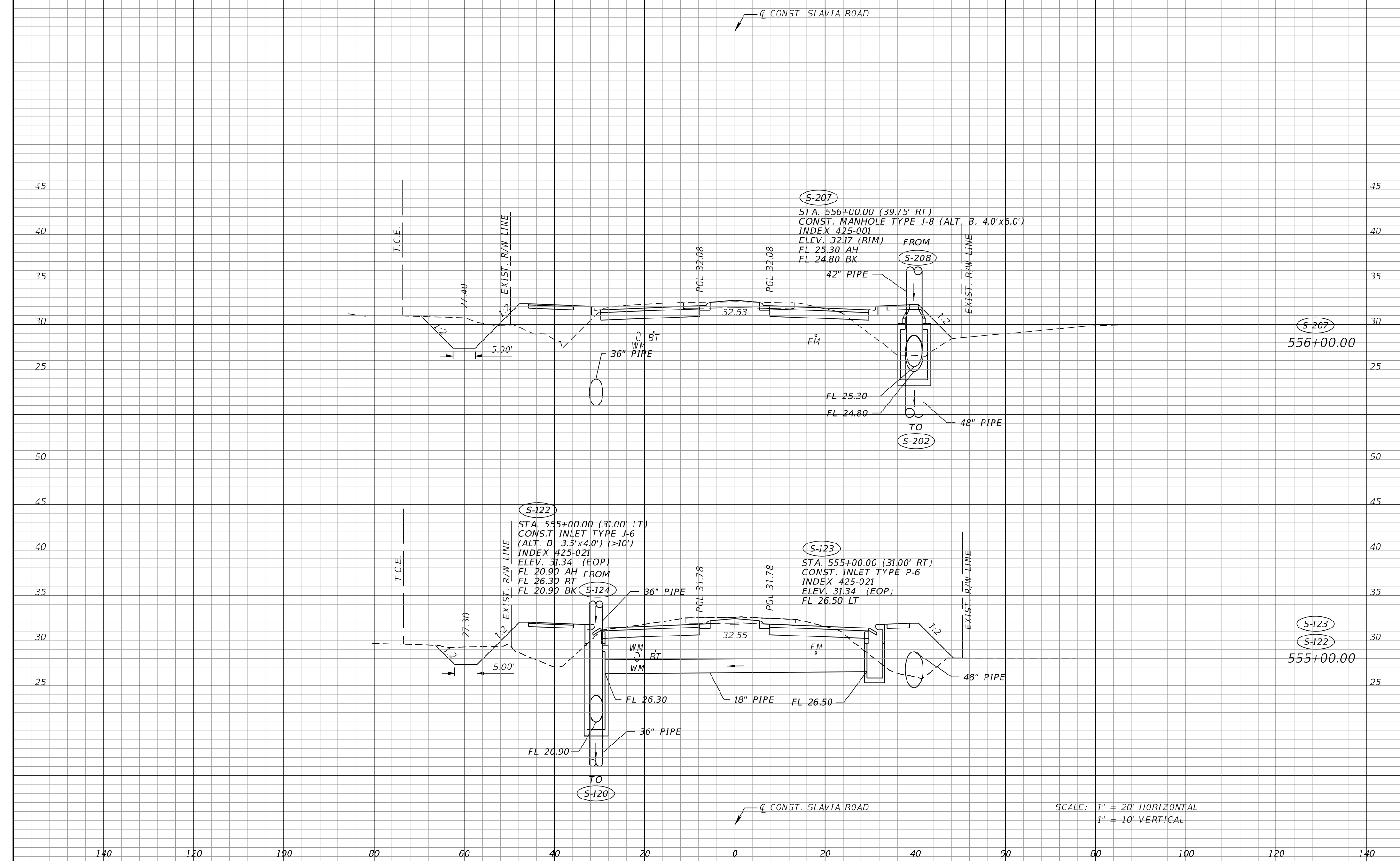
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY Public Works Center		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
39

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



140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

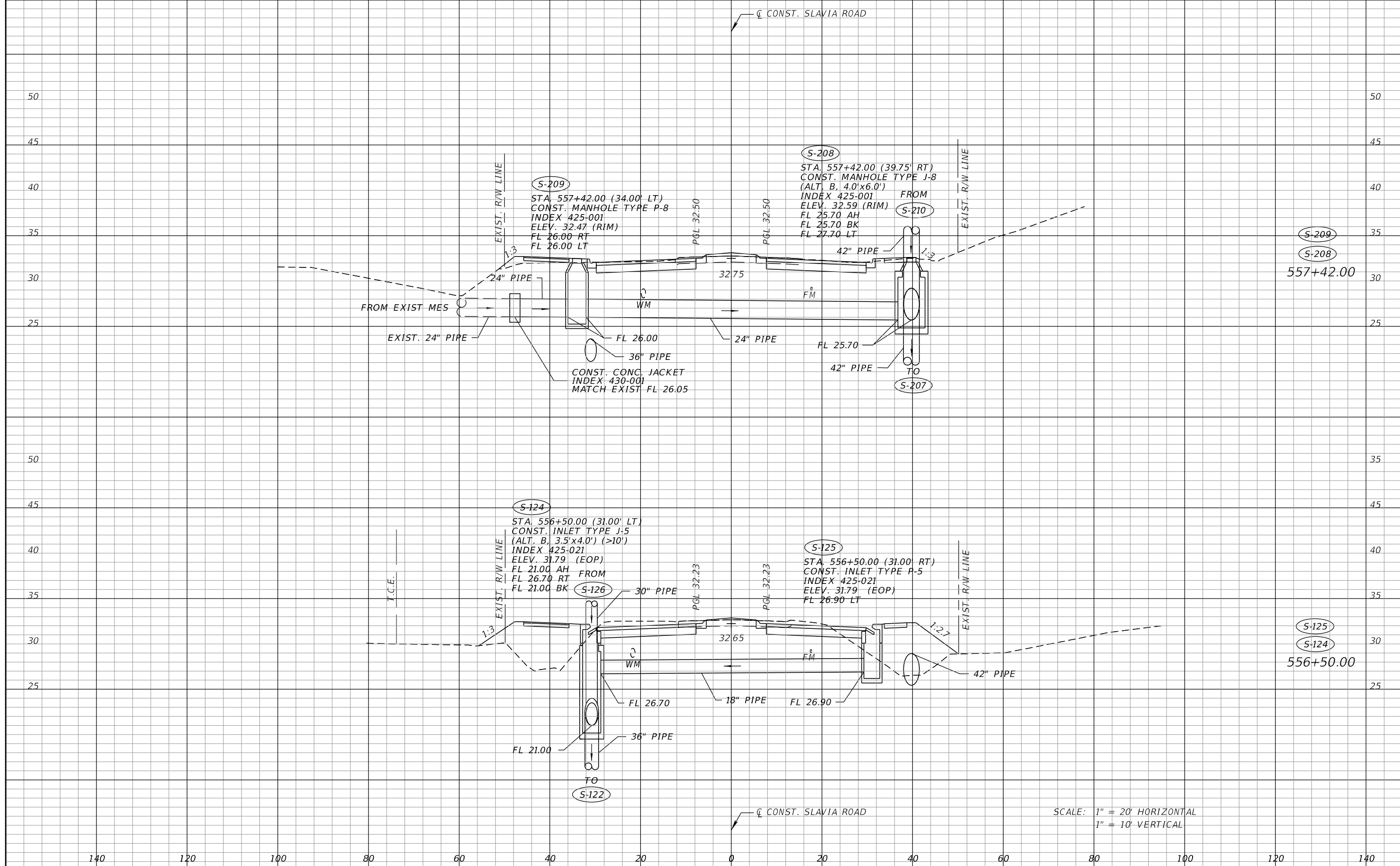
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY PLANNING & ENGINEERING		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
40

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



S-209
S-208
557+42.00

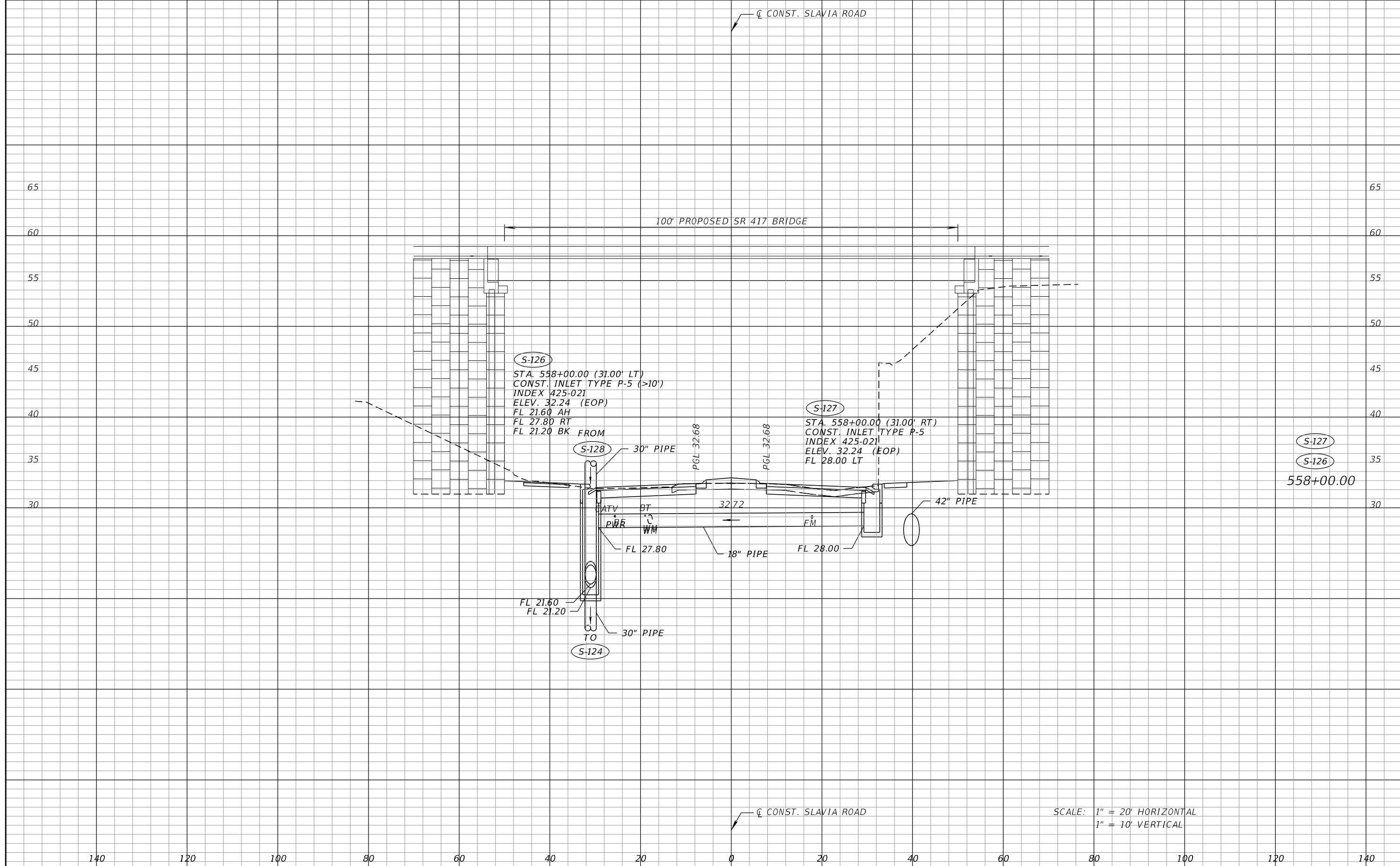
S-125
S-124
556+50.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		SEMINOLE COUNTY ROAD: SLAVIA COUNTY PROJECT NO.: PS-2552-19/GCM CIP NO.: 01785146		DRAINAGE STRUCTURE CROSS SECTIONS SLAVIA ROAD	SHEET NO. 41
---	--	---	--	--	------------------------

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



REVISIONS	
DATE	DESCRIPTION

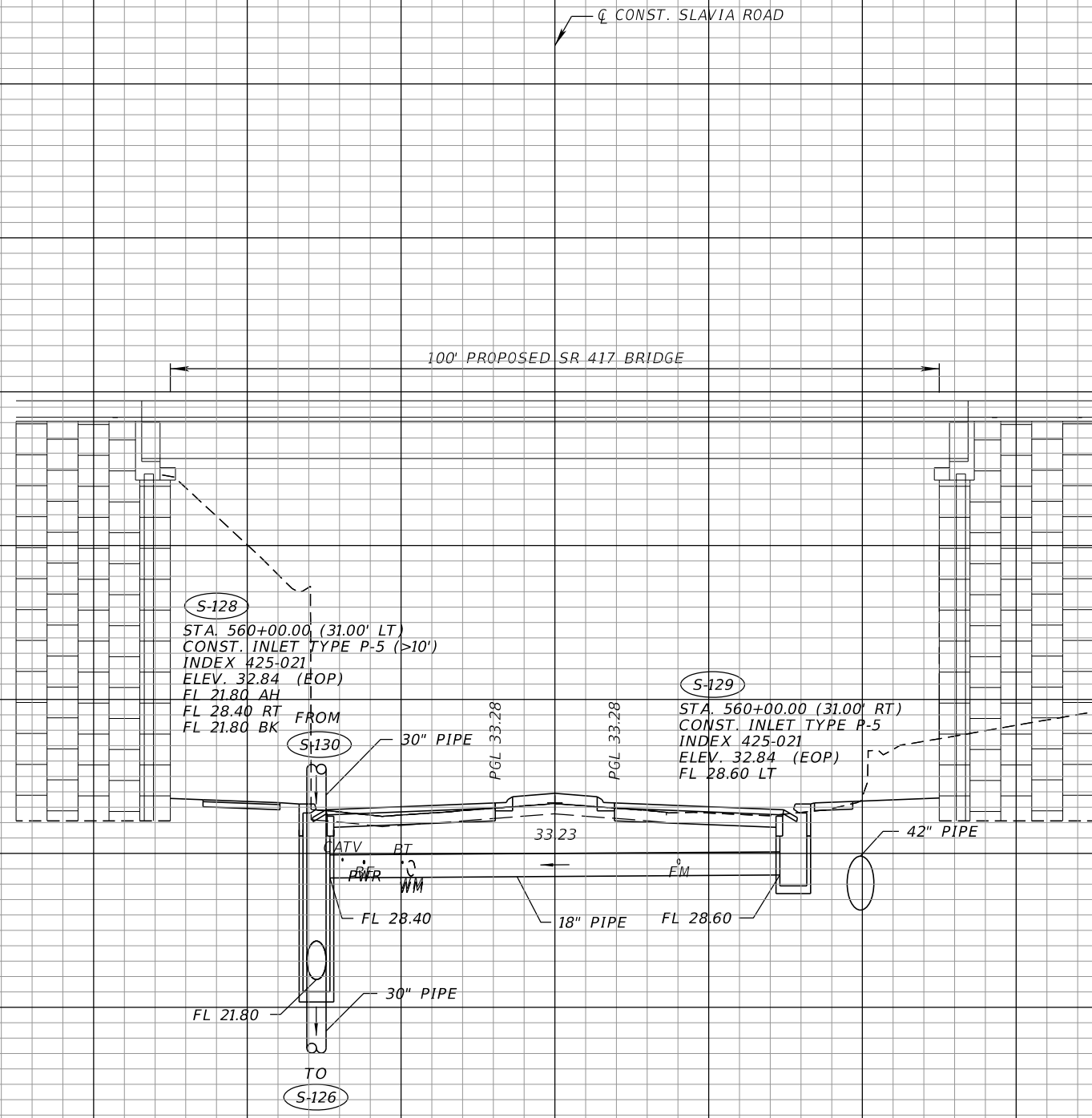
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

**DRAINAGE STRUCTURE
 CROSS SECTIONS
 SLAVIA ROAD**

SHEET NO.
 42

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



S-128
 STA. 560+00.00 (31.00' LT)
 CONST. INLET TYPE P-5 (>10")
 INDEX 425-021
 ELEV. 32.84 (EOP)
 FL 21.80 AH
 FL 28.40 RT
 FL 21.80 BK

S-129
 STA. 560+00.00 (31.00' RT)
 CONST. INLET TYPE P-5
 INDEX 425-021
 ELEV. 32.84 (EOP)
 FL 28.60 LT


S-129
 S-128
 560+00.00

SCALE: 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

REVISIONS	
DATE	DESCRIPTION

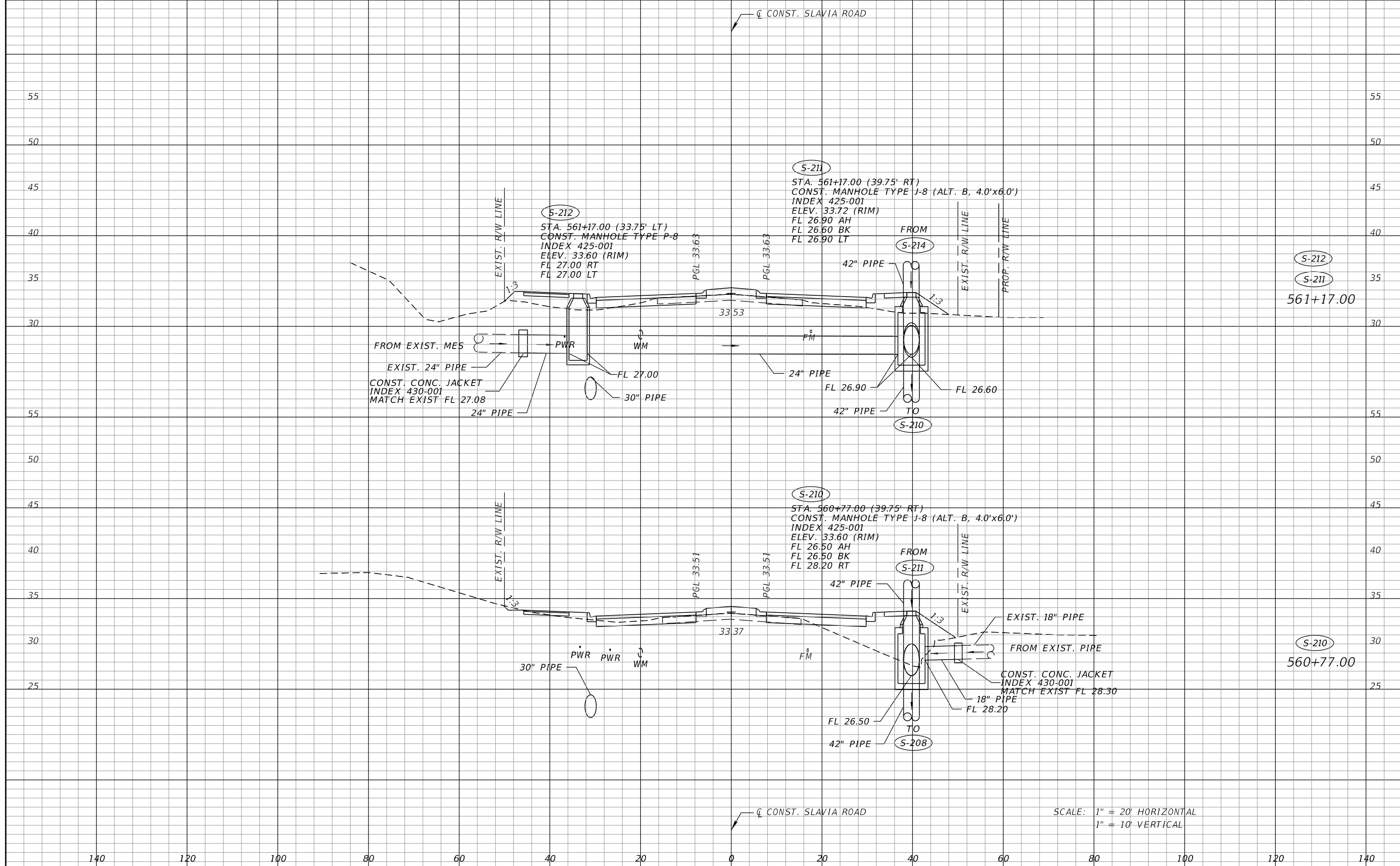
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
 CROSS SECTIONS
 SLAVIA ROAD**

SHEET NO.
 43

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



S-212
S-211
561+17.00

S-210
560+77.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

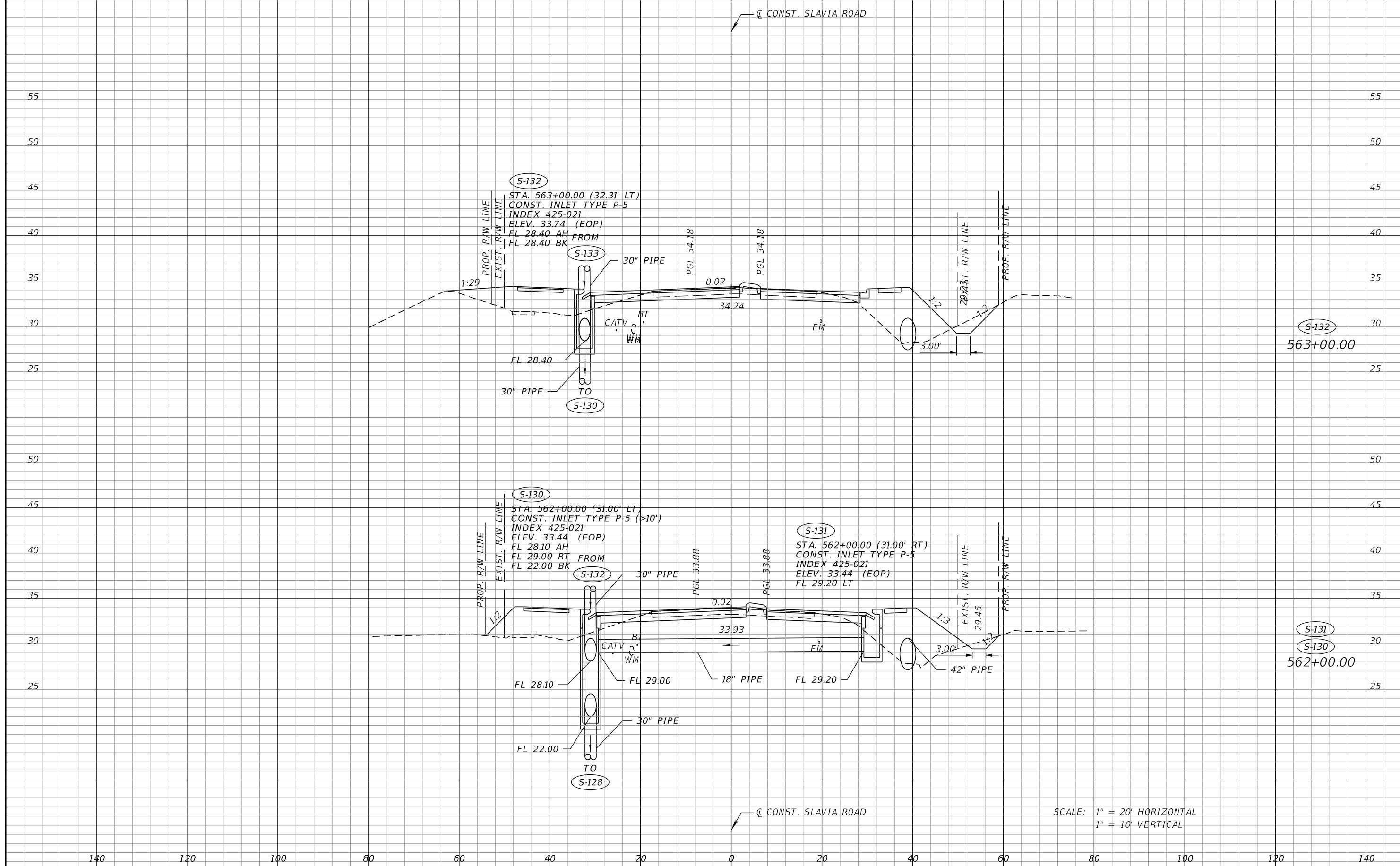
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
44

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



REVISIONS	
DATE	DESCRIPTION

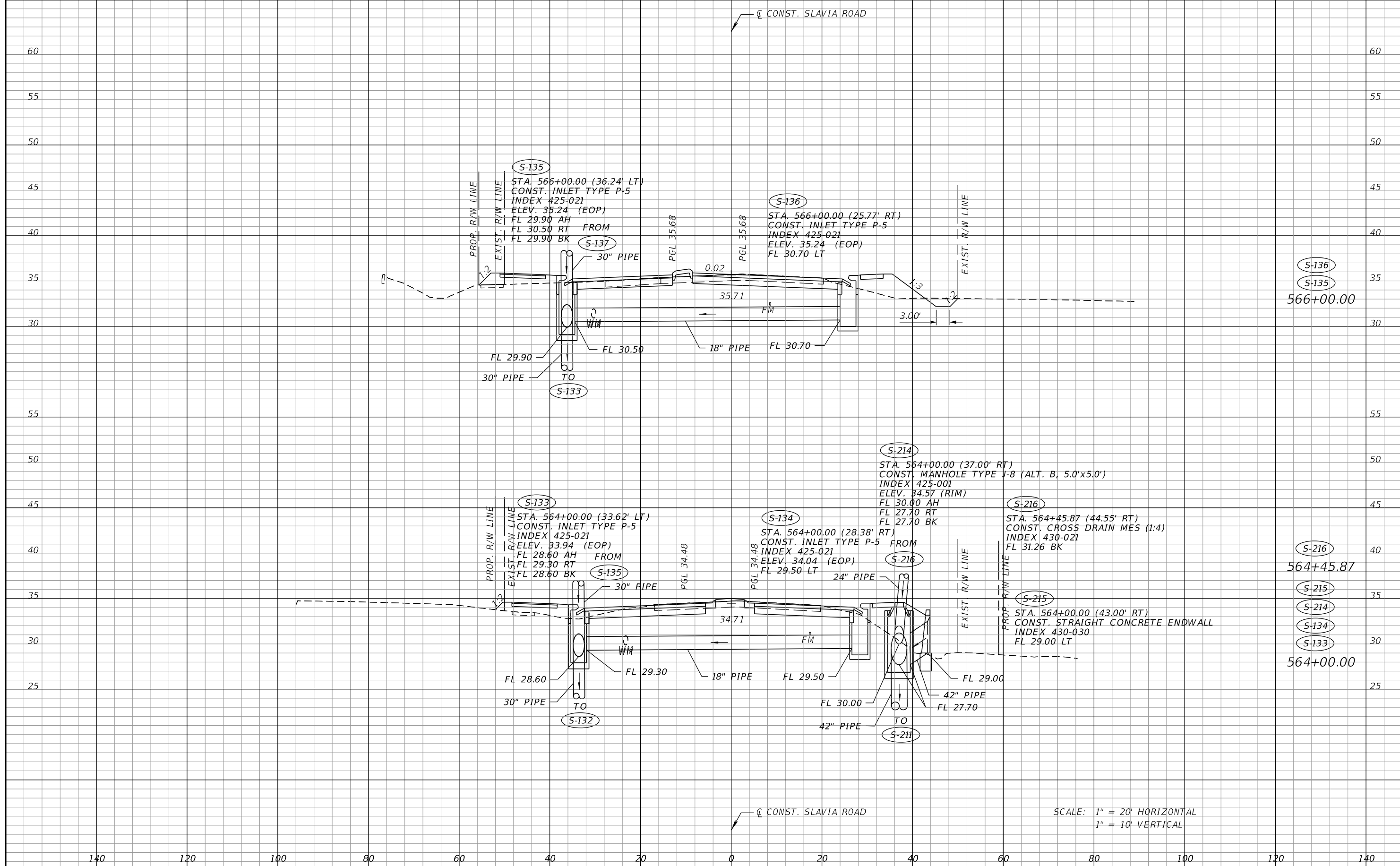
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
45

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



S-136
 S-135
 566+00.00

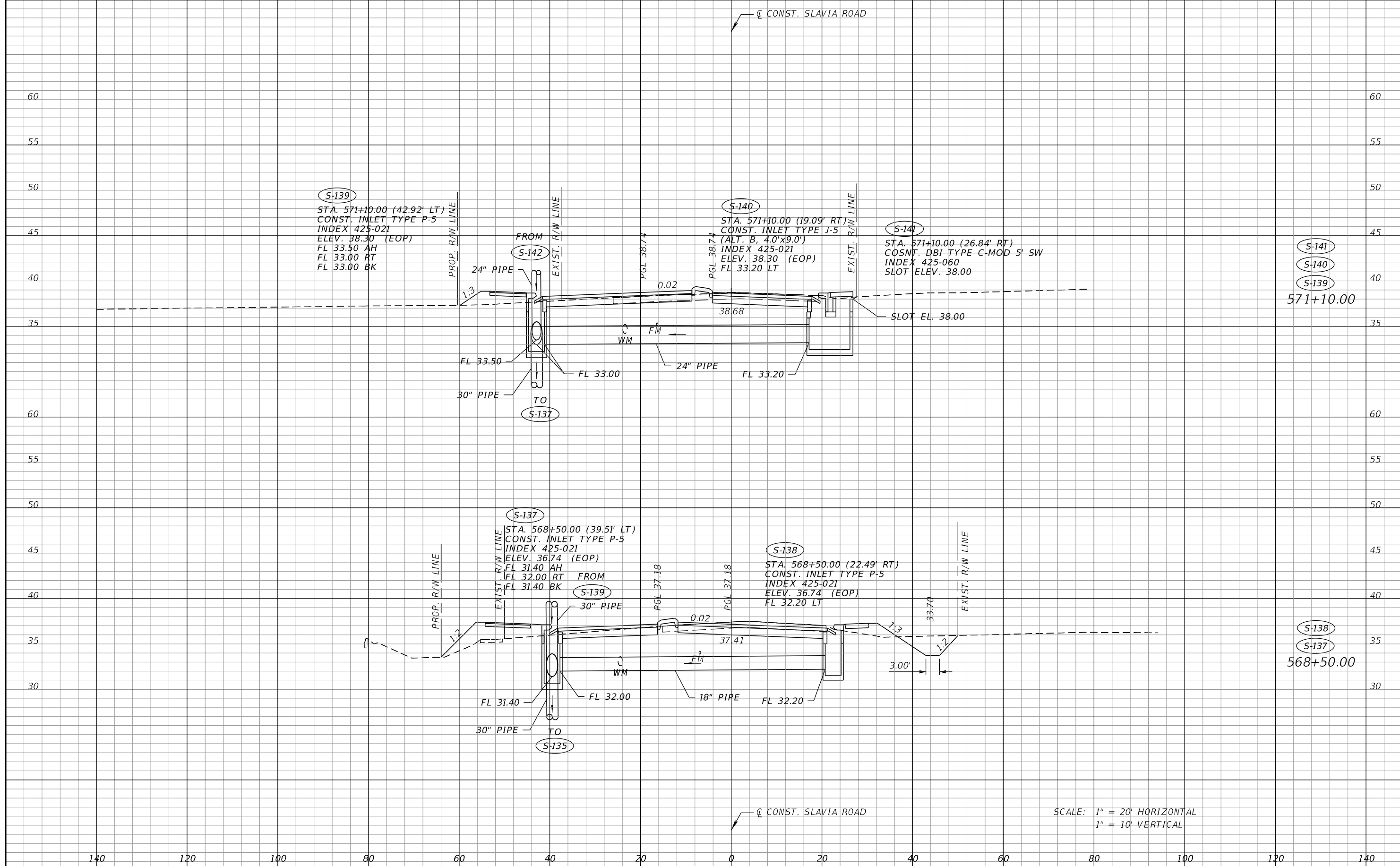
 S-216
 S-215
 S-214
 S-134
 S-133
 564+00.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		SEMINOLE COUNTY <small>FLORIDA'S SHARPEST COUNTY</small>		DRAINAGE STRUCTURE CROSS SECTIONS SLAVIA ROAD	SHEET NO. 46
ROAD	COUNTY PROJECT NO.	CIP NO.			
SLAVIA	PS-2552-19/GCM	01785146			

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



S-141
S-140
S-139
571+10.00

S-138
S-137
568+50.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

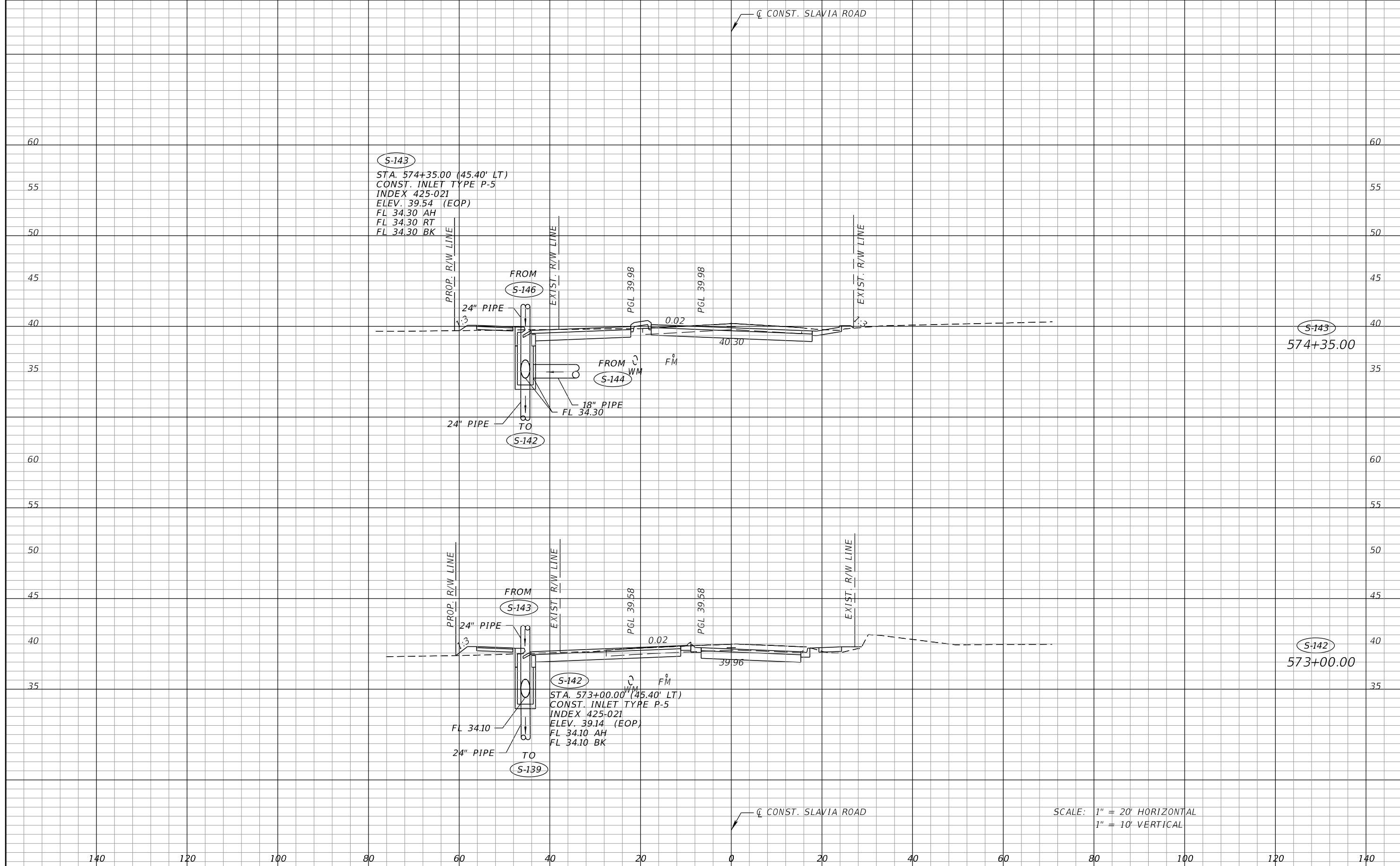
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SOUTHERN COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
47

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



S-143
 STA. 574+35.00 (45.40' LT)
 CONST. INLET TYPE P-5
 INDEX 425-021
 ELEV. 39.54 (EOP)
 FL 34.30 AH
 FL 34.30 RT
 FL 34.30 BK

FROM S-146
 24" PIPE
 PGL 39.98
 0.02
 PGL 39.98
 40.30
 FROM S-144
 18" PIPE
 FL 34.30
 TO S-142
 24" PIPE

S-143
 574+35.00

FROM S-143
 24" PIPE
 PGL 39.58
 0.02
 PGL 39.58
 39.96
 TO S-139
 24" PIPE
 FL 34.10
 STA. 573+00.00 (45.40' LT)
 CONST. INLET TYPE P-5
 INDEX 425-021
 ELEV. 39.14 (EOP)
 FL 34.10 AH
 FL 34.10 BK

S-142
 573+00.00

SCALE: 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

REVISIONS	
DATE	DESCRIPTION

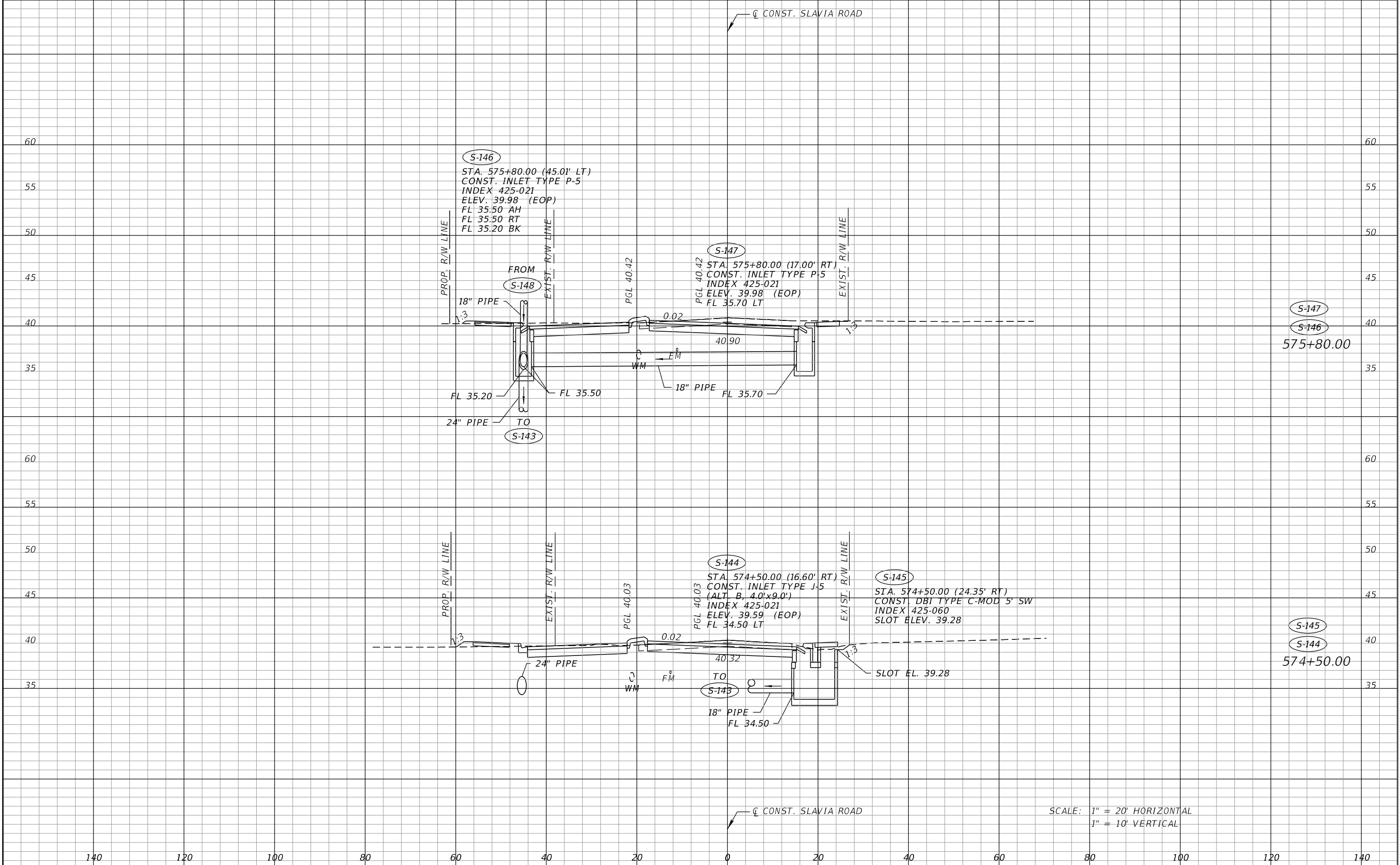
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
 CROSS SECTIONS
 SLAVIA ROAD**

SHEET NO.
 48

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



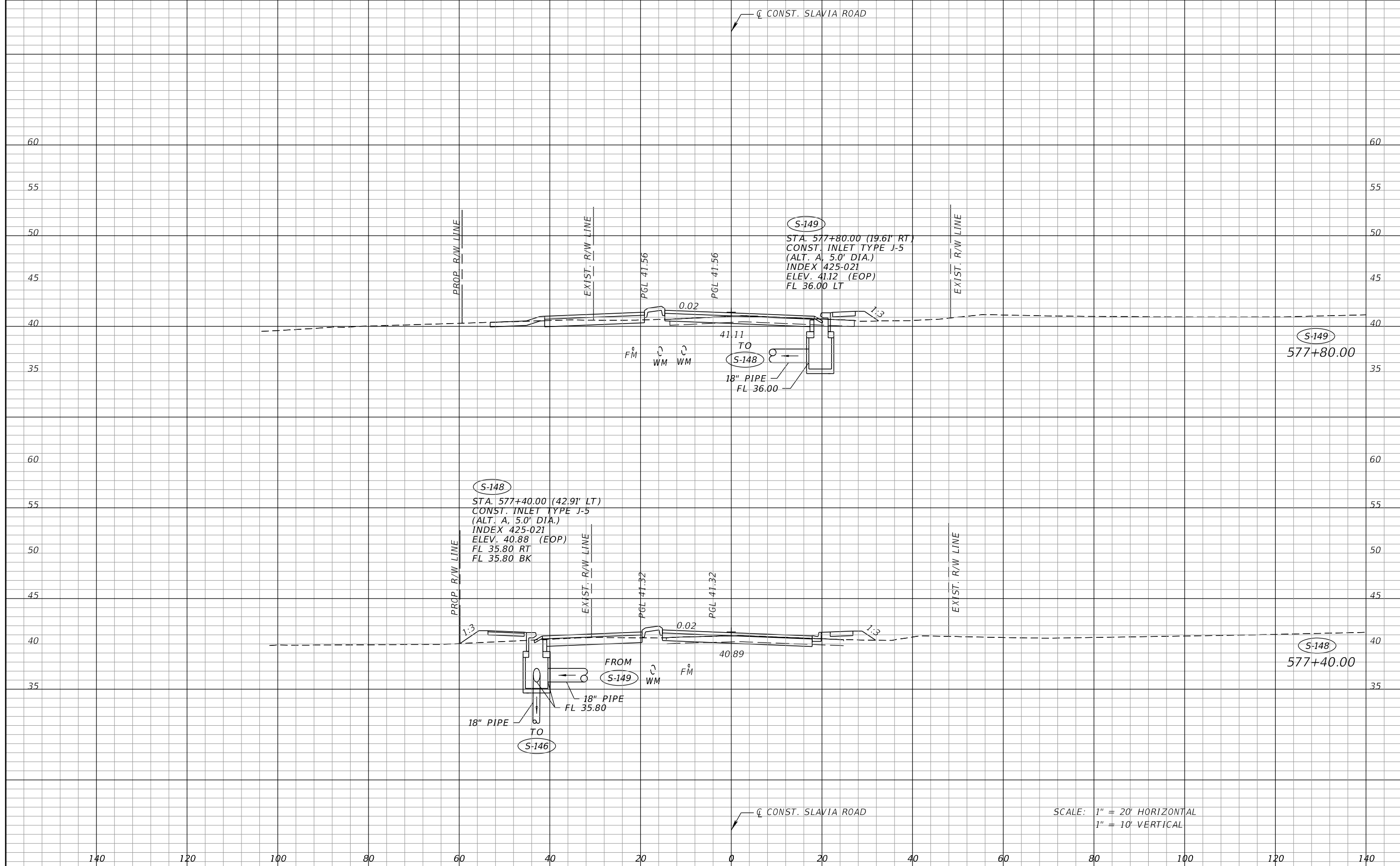
S-147
S-146
575+80.00

S-145
S-144
574+50.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS		DESCRIPTION		SEAN CARRIGAIN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		DRAINAGE STRUCTURE CROSS SECTIONS SLAVIA ROAD	SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	


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



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

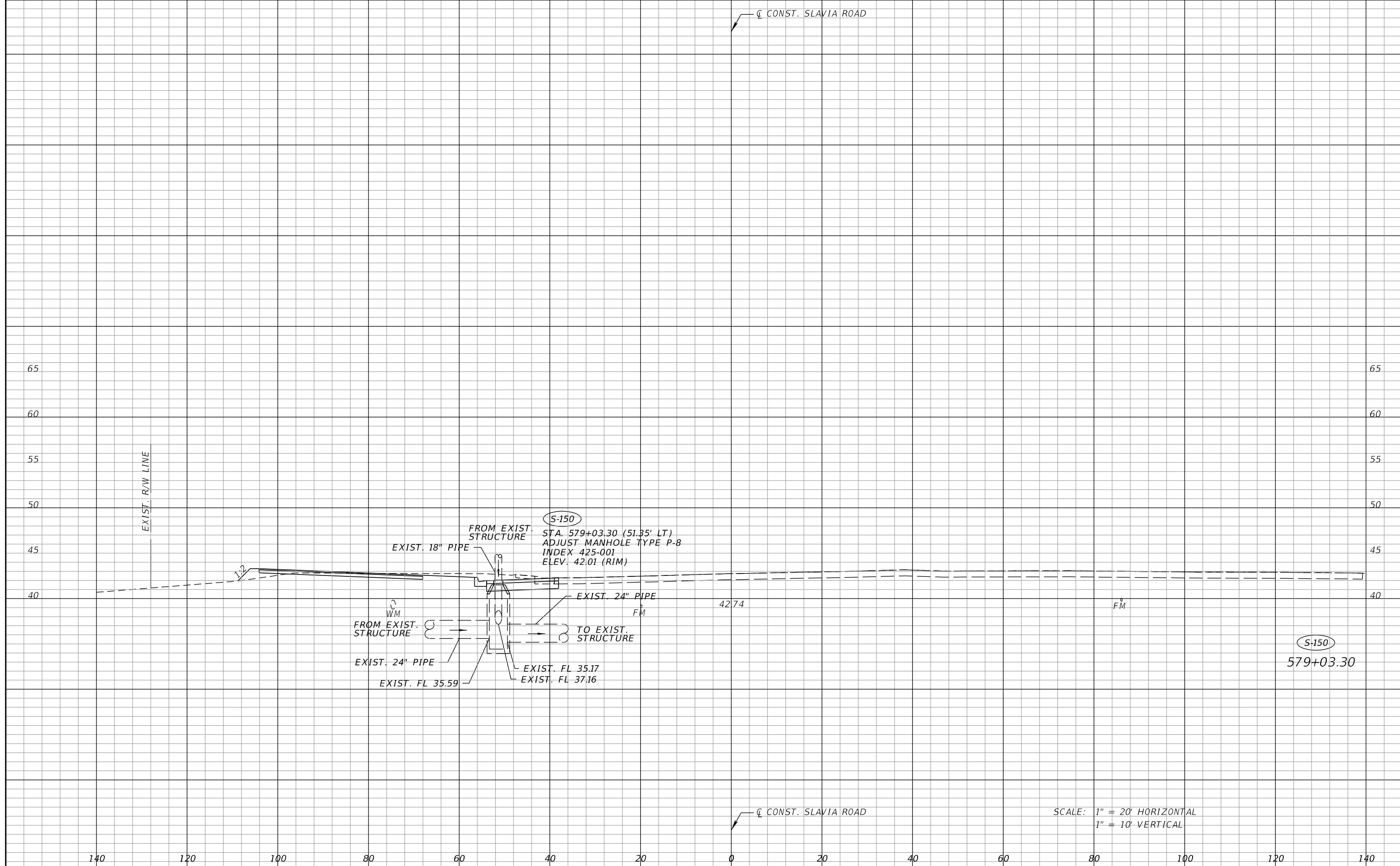
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
50

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




140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

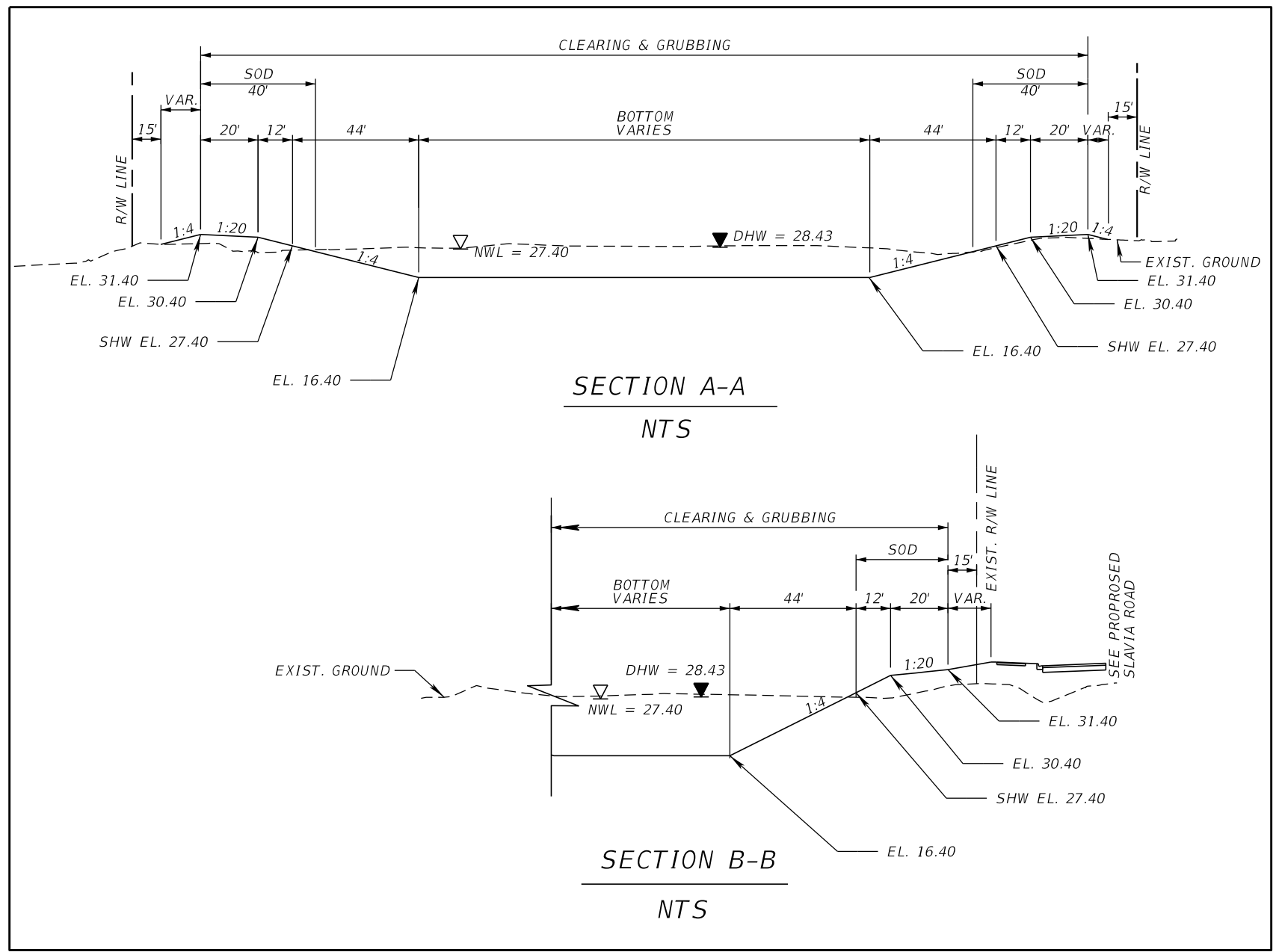
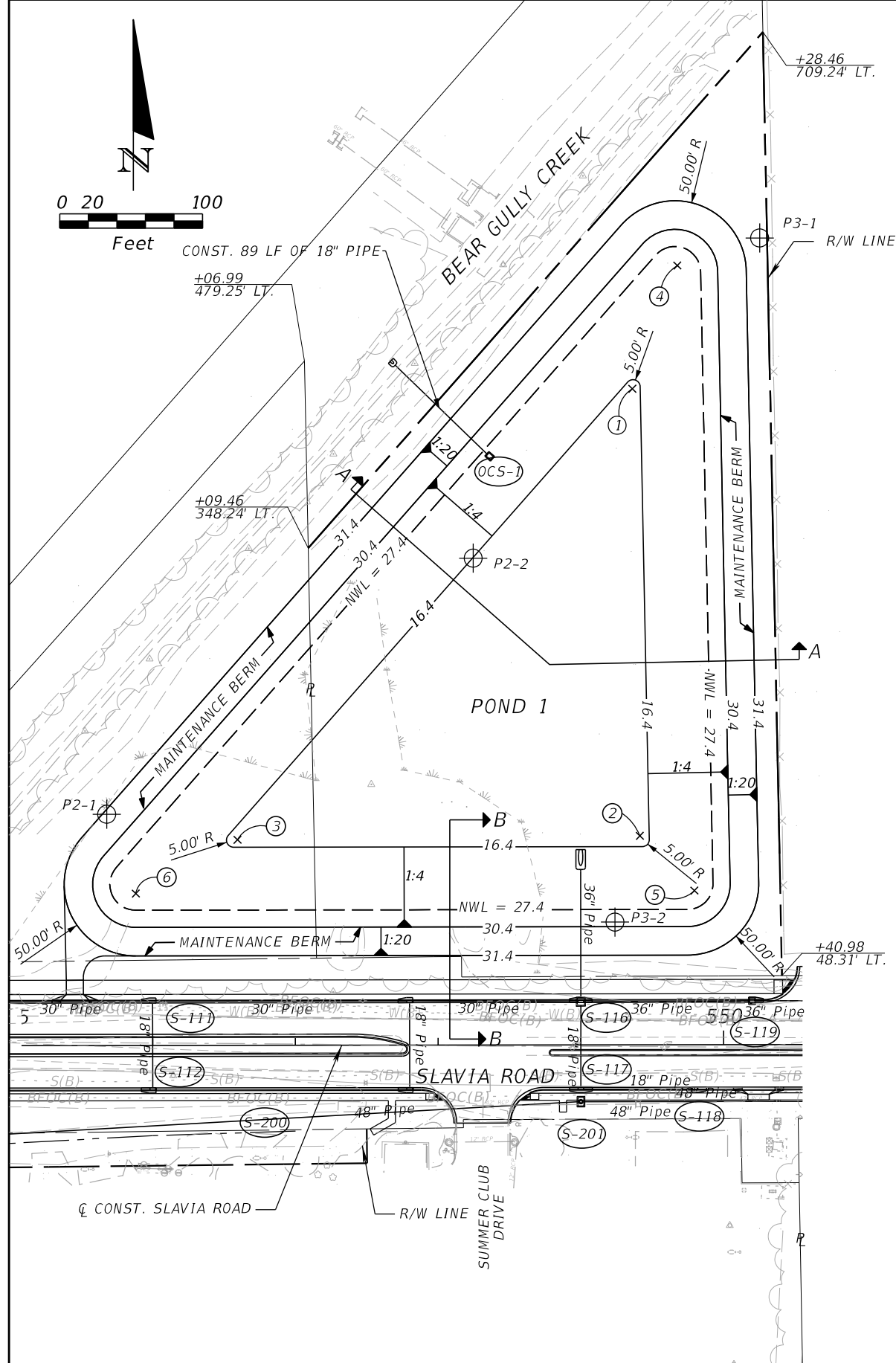
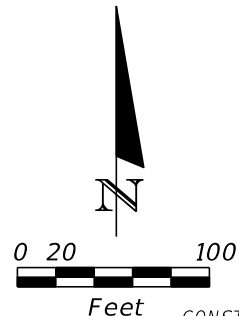
SEAN CARRIGAIN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**DRAINAGE STRUCTURE
CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
51

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



DATA - POND 1	
DHW EL. (25yr-24hr SJRWMD)	= 28.43
WEIR EL.	= 28.10
BOTTOM EL.	= 16.40
SHW EL.	= 27.40

CONTROL POINTS POND 1			
Number	Station	Offset	Radius
1	549+36.72	459.47' Lt.	5'
2	549+41.49	146.38' Lt.	5'
3	546+59.58	143.93' Lt.	5'
4	549+68.35	545.73' Lt.	50'
5	549+79.73	107.93 Lt.	50'
6	545+88.30	106.44' Lt.	50'

POND BORING		
⊕	Station	Offset
P2-1	545+68	162 LT.
P2-2	548+25	341 LT.
P3-1	550+26	565 LT.
P3-2	549+24	86 LT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

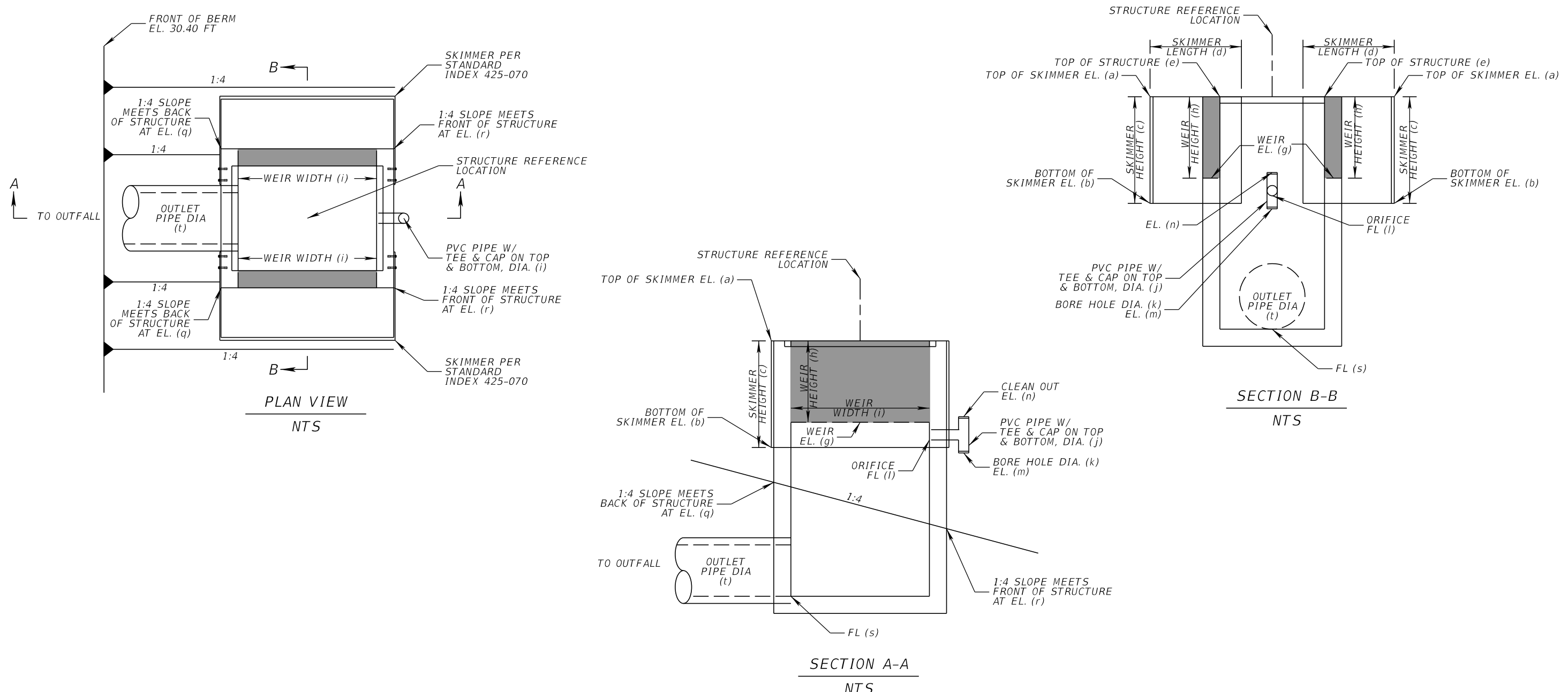
SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE COLLEGE		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

POND DETAIL
POND 1

SHEET NO.
52

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



STRUCTURE	STATION	OFFSET	CHAIN	TYPE	TOP OF SKIMMER EL. (a)	BOTTOM OF SKIMMER EL. (b)	SKIMMER HEIGHT (c)	SKIMMER LENGTH (d)	TOP OF STRUCT. EL. (e)
OCS-1	548+36.67	412.30' LT.	¢ CONST. SLAVIA ROAD	D-Mod	29.4 ft	27.57 ft	22 in	31 in	29.4 ft

STRUCTURE	WEIR EL. (g)	WEIR HEIGHT (h)	WEIR WIDTH (i)	PVC PIPE DIA. (j)	BORE HOLE DIA. (k)	ORIFICE FL (l)	TEE CAP EL. (m)	CLEAN OUT EL. (n)	GRND EL. @ BACK OF STRUCT. (q)	GRND EL. @ FRONT OF STRUCT. (r)	OUTLET PIPE FL (s)	OUTLET PIPE DIA. (t)	GRATE
OCS-1	28.1 ft	1.3 ft	4'-1"	5 in	4.25 in	27.4 ft	26.9 ft	28.3 ft	26.60 ft	25.33 ft	22.5 ft	18 in	Yes

NOTE:
 1) SKIMMER TO BE CONSTRUCTED PER FDOT STANDARD PLANS INDEX NO. 425-070.
 2) COST OF SKIMMER, ORIFICE PVC PIPE & CAPS, TO BE INCLUDED IN THE COST OF THE INLET.

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>Florida's Future Starts Here</small>			DRAINAGE DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

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

BOX CULVERT DATA TABLES

BOX, HEADWALL AND CUTOFF WALL DATA TABLE (inches unless shown otherwise)																		Table Date 7-01-09		
LOCATION	STRUCTURE /BRIDGE NUMBER	BOX									HEADWALL AND CUTOFF WALL									
		Wc(ft)	Hc(ft)	Tt	Tw	Tb	Ti	#cells	Lc(ft)	Cover	Blhw	Hlhw	Brhw	Hrhw	Blcw	Hlcw	Brcw	Hrcw	SL(deg)	SR(deg)
543+14.66 LT	09761 LT.	7	8	10	10	10	10	2	40	2	12	24	0	0	12	24	0	0	43	43
543+14.66 RT	09761 RT.	7	8	10	10	10	10	2	54	2	0	0	12	24	0	0	12	24	43	43

LEFT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise)																		Table Date 01-01-11	
STRUCTURE /BRIDGE NUMBER	LEFT END WINGWALL									LEFT BEGIN WINGWALL									
	Rt	Rw	Rh	Rd	SW(deg)	β (deg)	He(ft)	Hs(ft)	Lw(ft)	Rt	Rw	Rh	Rd	SW(deg)	β (deg)	He(ft)	Hs(ft)	Lw(ft)	
09761 LT.	30	14	60	14	133	26.6	10	10	21	30	14	60	14	47	26.6	10	10	21	
09761 RT.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

RIGHT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise)																		Table Date 01-01-11	
STRUCTURE /BRIDGE NUMBER	RIGHT END WINGWALL									RIGHT BEGIN WINGWALL									
	Rt	Rw	Rh	Rd	SW(deg)	β (deg)	He(ft)	Hs(ft)	Lw(ft)	Rt	Rw	Rh	Rd	SW(deg)	β (deg)	He(ft)	Hs(ft)	Lw(ft)	
09761 LT.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09761 RT.	30	14	60	14	47	26.6	10	10	21	30	14	60	14	133	26.6	10	10	21	

ESTIMATED CONCRETE QUANTITIES (CY)																					Table Date 7-01-13	
STRUCTURE /BRIDGE NUMBER	BOX								LEFT END WINGWALL			LEFT BEGIN WINGWALL			RIGHT END WINGWALL			RIGHT BEGIN WINGWALL				
	Left Cutoff Wall	Right Cutoff Wall	Bottom Slab	Walls	Top Slab	Left Head Wall	Right Head Wall	Sub Total	Footing	Wall	Sub Total	Footing	Wall	Sub Total	Footing	Wall	Sub Total	Footing	Wall	Sub Total		
	09761 LT.	0.975	0	22.2	31.1	21.4	0.975	0	76.8	8.51	9.07	17.6	8.01	9.07	17.1	0	0	0	0	0	0	
09761 RT.	0	0.975	29.3	41.5	28.5	0	0.975	101	0	0	0	0	0	0	8.01	9.07	17.1	8.51	9.07	17.6		

MAIN STEEL REINFORCEMENT SPACING (inches)																		Table Date 7-01-09	
STRUCTURE /BRIDGE NUMBER	BOX															HEADWALLS		CUTOFF WALLS	
	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115, 116...	803	806	809	812
09761 LT.	8	8	8	8	8	8	12	12	12	12	12	12	12	12	12	12	1	12	1
09761 RT.	8	8	8	8	8	8	12	12	12	12	12	12	12	12	12	1	12	1	12

WINGWALL STEEL REINFORCEMENT SPACING (inches)																											Table Date 7-01-09	
STRUCTURE /BRIDGE NUMBER	LEFT END WINGWALL							LEFT BEGIN WINGWALL							RIGHT END WINGWALL							RIGHT BEGIN WINGWALL						
	401 (407(8))	402 (403)	404 (405)	406	409	410	411	501 (507(8))	502 (503)	504 (505)	506	509	510	511	601 (607(8))	602 (603)	604 (605)	606	609	610	611	701 (707(8))	702 (703)	704 (705)	706	709	710	711
09761 LT.	6	12	12	12	6	12	12	6	12	12	12	6	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09761 RT.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	12	12	6	12	12	6	12	12	12	6	12	12

WINGWALL NOTE: Bar designations in "()" are only required for variable height wingwalls.

NOTES :

- Environmental Class Slightly Aggressive.
- Reinforcing Steel, Grade 60.
- Concrete Class Class II $f'c = 3400$ ksi
- Soil Properties:
Friction Angle 30 degrees.
Modulus of Subgrade Reaction 100,000 pcf.
Nominal Bearing Resistance 5000 psf.
- Work this Drawing with Standard Plans Index 400-289 and Sheets -----
- Settlement criteria for Precast Box Culvert option (Index 400-291):
Long Term Differential Settlement (ΔY) = ----- ft.
Effective Length for Settlement (L) = ----- ft.
- Connection Types permitted for Box Culvert Extensions:
Structure/ Bridge Number 09761 - Type I or Type II.
- Quantities for Type I and Type II Connections include 2 ft. additional payment length beyond Lc for connection to existing box culvert.
(See Summary of Box Culvert Quantities box in Plans)
- Reinforcing quantity for Left Extension is 15592 lbs and Right Extension is 19150 lbs.

REVISIONS				MARYBETH MORIN, P.E. P.E. LICENSE NUMBER 57547 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE, SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <i>Florida's Sunbelt County</i>			SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	


BOX CULVERT DATA TABLES

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

MARK		LENGTH		NO	TYP	STY	B			C			D			E			F			H			J			K			N	Ø
SIZE	DES	FT	IN	BAR	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG		
		LOCATION MAIN BOX										NO. REQUIRED = 1																				
5	101	16	2	41	1			16	2																							
5	201	VARY		22	1			15	5																							
		7	11	0	1			0	3 1/2																							
5	301	VARY		22	1			15	5																							
		7	11	0	1			0	3 1/2																							
5	102	16	2	41	1			16	2																							
5	202	VARY		22	1			15	5																							
		7	11	0	1			0	3 1/2																							
5	302	VARY		22	1			15	5																							
		7	11	0	1			0	3 1/2																							
5	103	16	2	43	1			16	2																							
5	203	VARY		22	1			15	6																							
		8	0	0	1			0	4 3/4																							
5	303	VARY		22	1			15	6																							
		8	0	0	1			0	4 3/4																							
5	104	16	2	43	1			16	2																							
5	204	VARY		22	1			15	6																							
		8	0	0	1			0	4 3/4																							
5	304	VARY		22	1			15	6																							
		8	0	0	1			0	4 3/4																							
5	105	7	11	126	10			2	2		5	9																				
5	106	7	11	126	10			2	2		5	9																				
4	107	6	3	168	10			0	8		5	6 1/2																				
4	108	9	4	84	1			9	4																							
4	109	43	2	18	1			43	2																							
4	110	41	8	18	1			41	8																							
4	111	41	4	18	1			41	4																							
4	112	43	2	18	1			43	2																							
4	113	41	8	18	1			41	8																							
4	114	41	8	18	1			41	8																							
4	115	41	1	18	1			41	0 1/4																							
		LOCATION LEFT END WINGWALL										NO. REQUIRED = 1																				
5	401	9	9	43	1			9	9																							
4	402	20	8	11	1			20	8																							
4	404	20	8	11	1			20	8																							
4	406	9	9	22	1			9	9																							
5	407	6	6	43	10			3	4		3	2																				
5	409	8	4	43	1			8	4																							
5	410	8	4	22	1			8	4																							
4	411	20	8	20	1			20	8																							
5	412	2	0	16	1			2	0																							
		LOCATION LEFT BEGIN WINGWALL										NO. REQUIRED = 1																				
5	501	9	9	43	1			9	9																							
4	502	20	8	11	1			20	8																							
4	504	20	8	11	1			20	8																							
4	506	9	9	22	1			9	9																							
5	507	6	6	43	10			3	4		3	2																				
5	509	8	4	43	1			8	4																							
5	510	8	4	22	1			8	4																							
4	511	20	8	20	1			20	8																							
5	512	2	0	16	1			2	0																							
10	0	0	0	0	0																											
10	0	0	0	0	0																											
		LOCATION LEFT HEADWALL										NO. REQUIRED = 1																				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARYBETH MORIN, P.E.
P.E. LICENSE NUMBER 57547
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE, SUITE 1000
ORLANDO, FL 32803



SEMINOLE COUNTY
FLORIDA'S SHARPEST COUNTY

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


REINF. LIST LEFT EXT.
SHEET 1 OF 2

SHEET NO.
55

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

MARK	LENGTH	NO	TYP	STY	B	C	D	E	F	H	J	K	N	Ø											
SIZE	DES	FT	IN	BARS	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG	
6	801	22- 3		2	1			22- 2 3/4																	
6	802	22- 3		2	1			22- 2 3/4																	
4	803	4- 8		23	27			1- 7 1/2	0- 6	0- 2	0- 5	1- 2 1/2	0- 6	0- 6											
10	0	0- 0		0	0																				
10	0	0- 0		0	0																				
		LOCATION		LEFT CUTOFF WALL										NO. REQUIRED = 1											
5	807	22- 3		2	1			22- 2 3/4																	
5	808	22- 3		2	1			22- 2 3/4																	
4	809	4-11		23	7			1- 7 1/2	0- 8	0- 6	0- 6														
10	0	0- 0		0	0																				
10	0	0- 0		0	0																				

END OF LIST


<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS		DATE	DESCRIPTION			<p>MARYBETH MORIN, P.E. P.E. LICENSE NUMBER 57547 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE, SUITE 1000 ORLANDO, FL 32803</p>	 <p>SEMINOLE COUNTY FLORIDA'S SOUTHERN COUNTY</p> <table border="1"> <tr> <th>ROAD</th> <th>COUNTY PROJECT NO.</th> <th>CIP NO.</th> </tr> <tr> <td>SLAVIA</td> <td>PS-2552-19/GCM</td> <td>01785146</td> </tr> </table>	ROAD	COUNTY PROJECT NO.	CIP NO.	SLAVIA	PS-2552-19/GCM	01785146	<p>REINF. LIST LT. EXT. SHEET 2 OF 2</p>	<p>SHEET NO. 56</p>
REVISIONS																	
DATE	DESCRIPTION																
ROAD	COUNTY PROJECT NO.	CIP NO.															
SLAVIA	PS-2552-19/GCM	01785146															

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

MARK	LENGTH	NO	TYP	STY	B	C	D	E	F	H	J	K	N	Ø										
SIZE	DES	FT	IN	BARS	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG
LOCATION MAIN BOX															NO. REQUIRED = 1									
5	101	16-2		62	1			16-2																
5	201	VARY		22	1			15-5																
		7-11		0	1			0-3 1/2																
5	301	VARY		22	1			15-5																
		7-11		0	1			0-3 1/2																
5	102	16-2		62	1			16-2																
5	202	VARY		22	1			15-5																
		7-11		0	1			0-3 1/2																
5	302	VARY		22	1			15-5																
		7-11		0	1			0-3 1/2																
5	103	16-2		64	1			16-2																
5	203	VARY		22	1			15-6																
		8-0		0	1			0-4 3/4																
5	303	VARY		22	1			15-6																
		8-0		0	1			0-4 3/4																
5	104	16-2		64	1			16-2																
5	204	VARY		22	1			15-6																
		8-0		0	1			0-4 3/4																
5	304	VARY		22	1			15-6																
		8-0		0	1			0-4 3/4																
5	105	7-11		168	10			2-2		5-9														
5	106	7-11		168	10			2-2		5-9														
4	107	6-3		224	10			0-8		5-6 1/2														
4	108	9-4		112	1			9-4																
4	109	57-2		18	1			57-2																
4	110	55-8		18	1			55-8																
4	111	55-4		18	1			55-4																
4	112	57-2		18	1			57-2																
4	113	55-8		18	1			55-8																
4	114	55-8		18	1			55-8																
4	115	55-1		18	1			55-0 1/4																
10	0	0-0		0	0																			
10	0	0-0		0	0																			
LOCATION RIGHT END WINGWALL															NO. REQUIRED = 1									
5	601	9-9		43	1			9-9																
4	602	20-8		11	1			20-8																
4	604	20-8		11	1			20-8																
4	606	9-9		22	1			9-9																
5	607	6-6		43	10			3-4		3-2														
5	609	8-4		43	1			8-4																
4	610	8-4		22	1			8-4																
4	611	20-8		20	1			20-8																
5	612	2-0		16	1			2-0																
LOCATION RIGHT BEGIN WINGWALL															NO. REQUIRED = 1									
5	701	9-9		43	1			9-9																
4	702	20-8		11	1			20-8																
4	704	20-8		11	1			20-8																
4	706	9-9		22	1			9-9																
5	707	6-6		43	10			3-4		3-2														
5	709	8-4		43	1			8-4																
4	710	8-4		22	1			8-4																
4	711	20-8		20	1			20-8																
5	712	2-0		16	1			2-0																
10	0	0-0		0	0																			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARYBETH MORIN, P.E.
P.E. LICENSE NUMBER 57547
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE, SUITE 1000
ORLANDO, FL 32803



SEMINOLE COUNTY
FLORIDA'S SUNSHINE COUNTY

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


REINF. LIST RT. EXT.
SHEET 1 OF 2

SHEET NO.
57

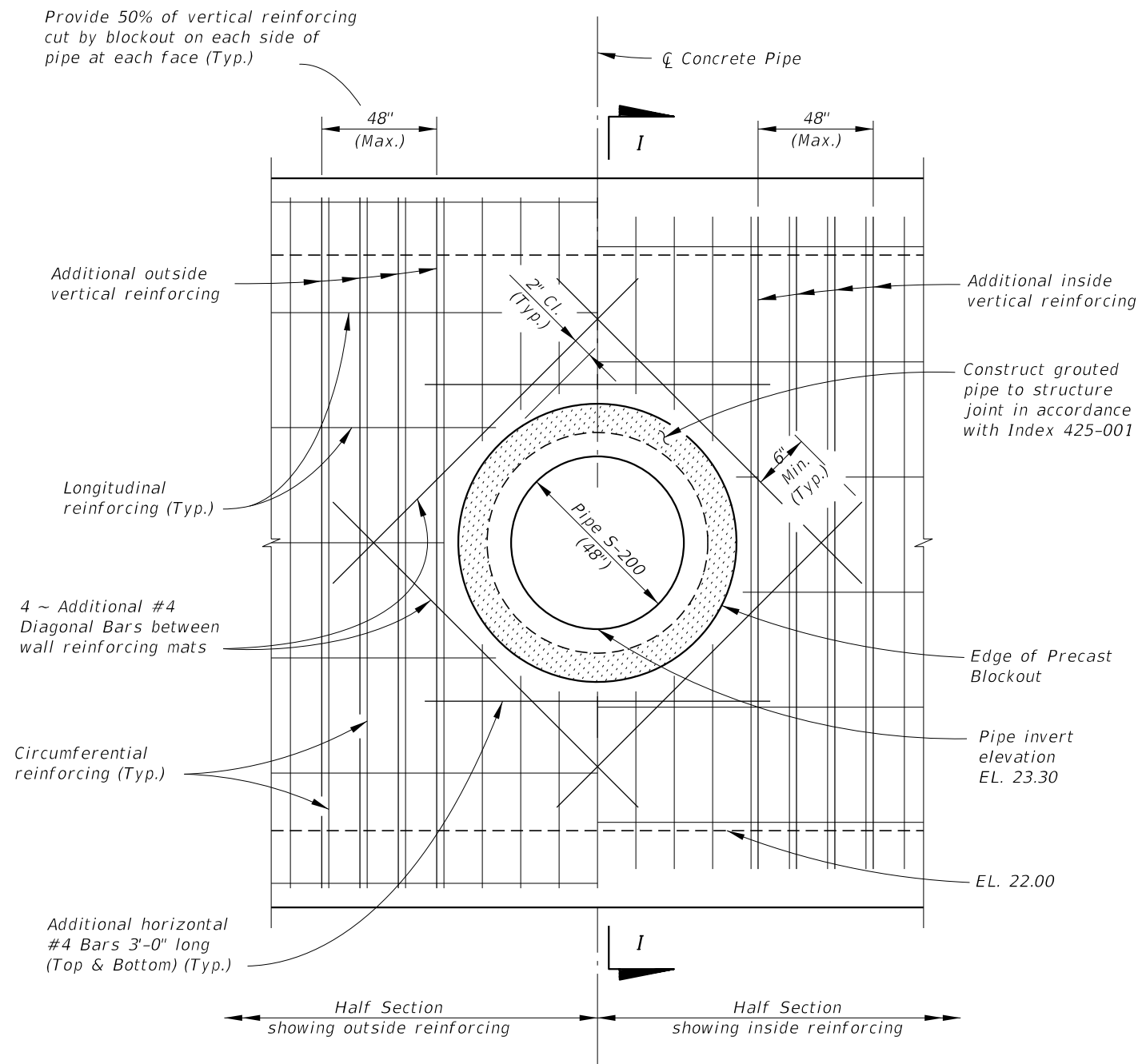
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MARK	LENGTH	NO	TYP	STY	B	C	D	E	F	H	J	K	N	Ø														
SIZE	DES	FT	IN	BARS	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG	
					LOCATION RIGHT HEADWALL										NO. REQUIRED = 1													
6	804	22-3		2	1			22-2 3/4																				
6	805	22-3		2	1			22-2 3/4																				
4	806	4-8		23	27			1-7 1/2	0-6	0-2	0-5	1-2 1/2	0-6	0-6														
10	0	0-0		0	0																							
10	0	0-0		0	0																							
					LOCATION RIGHT CUTOFF WALL										NO. REQUIRED = 1													
5	810	22-3		2	1			22-2 3/4																				
5	811	22-3		2	1			22-2 3/4																				
4	812	4-11		23	7			1-7 1/2	0-8	0-6	0-6																	
10	0	0-0		0	0																							

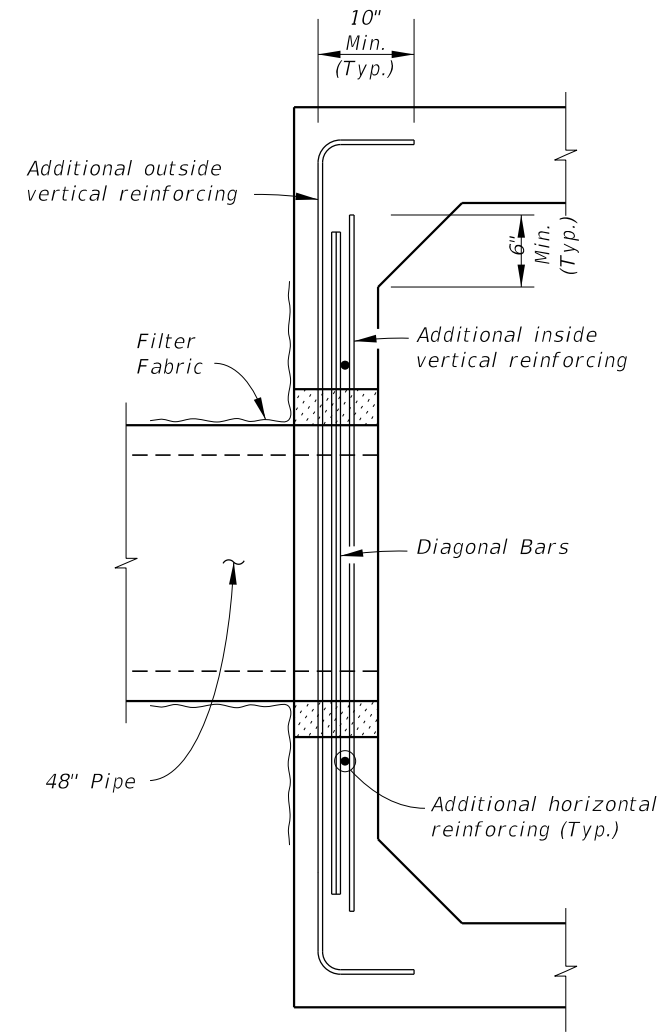
END OF LIST

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>MARYBETH MORIN, P.E. P.E. LICENSE NUMBER 57547 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE, SUITE 1000 ORLANDO, FL 32803</p>			 <p>SEMINOLE COUNTY FLORIDA'S SOUTHERN CROSS</p> <table border="1"> <tr> <th>ROAD</th> <th>COUNTY PROJECT NO.</th> <th>CIP NO.</th> </tr> <tr> <td>SLAVIA</td> <td>PS-2552-19/GCM</td> <td>01785146</td> </tr> </table>			ROAD	COUNTY PROJECT NO.	CIP NO.	SLAVIA	PS-2552-19/GCM	01785146	<p>REINF. LIST RT. EXT. SHEET 2 OF 2</p>		<p>SHEET NO. 58</p>
REVISIONS																														
DATE	DESCRIPTION	DATE	DESCRIPTION																											
ROAD	COUNTY PROJECT NO.	CIP NO.																												
SLAVIA	PS-2552-19/GCM	01785146																												

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ELEVATION VIEW
PIPE S-200 BLOCKOUT DETAILS

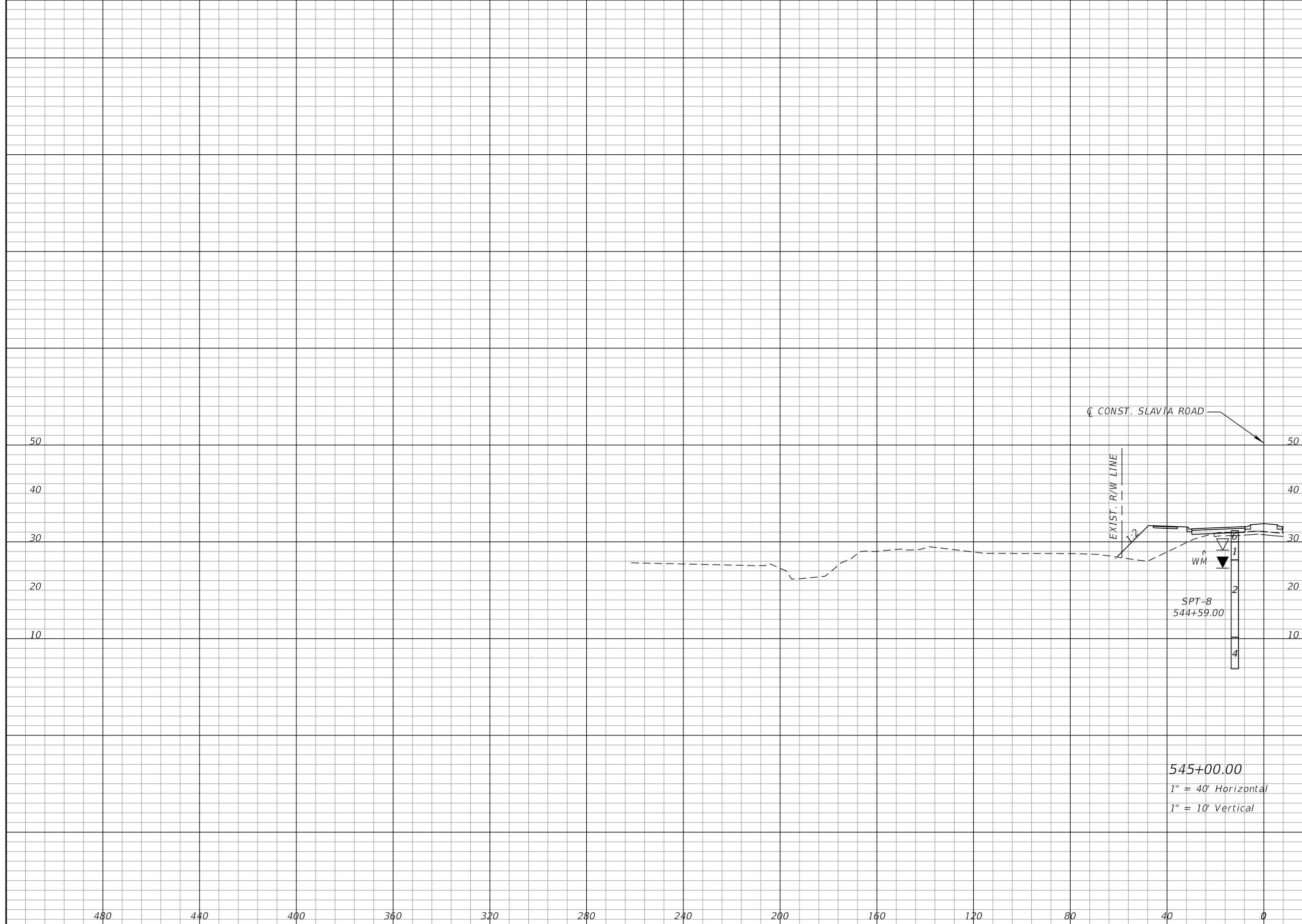


SECTION I-I
(Showing additional blockout reinforcing only)

- PIPE BLOCKOUT NOTES:**
1. Cut box culvert reinforcement as required to maintain 2" cover.
 2. For Precast Sections construct opening a minimum of 1'-6" away from any box to box joint, except opening may be a minimum of 1'-0" away from joint when at least 2'-0" of clearance to the box to box joint is provided on the opposite side of the pipe opening.
 3. Pipe blockout diameter to be 6" greater than pipe outside diameter.
 4. See Drainage Plans for size, placement, and invert elevation.
 5. Additional reinforcing for blockout not included in reinforcing list.

REVISIONS				MARYBETH MORIN, P.E. P.E. LICENSE NUMBER 57547 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE, SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>			CONCRETE BOX CULVERT SUPPLEMENTAL DETAILS	SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

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Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		0	
	0		0		0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

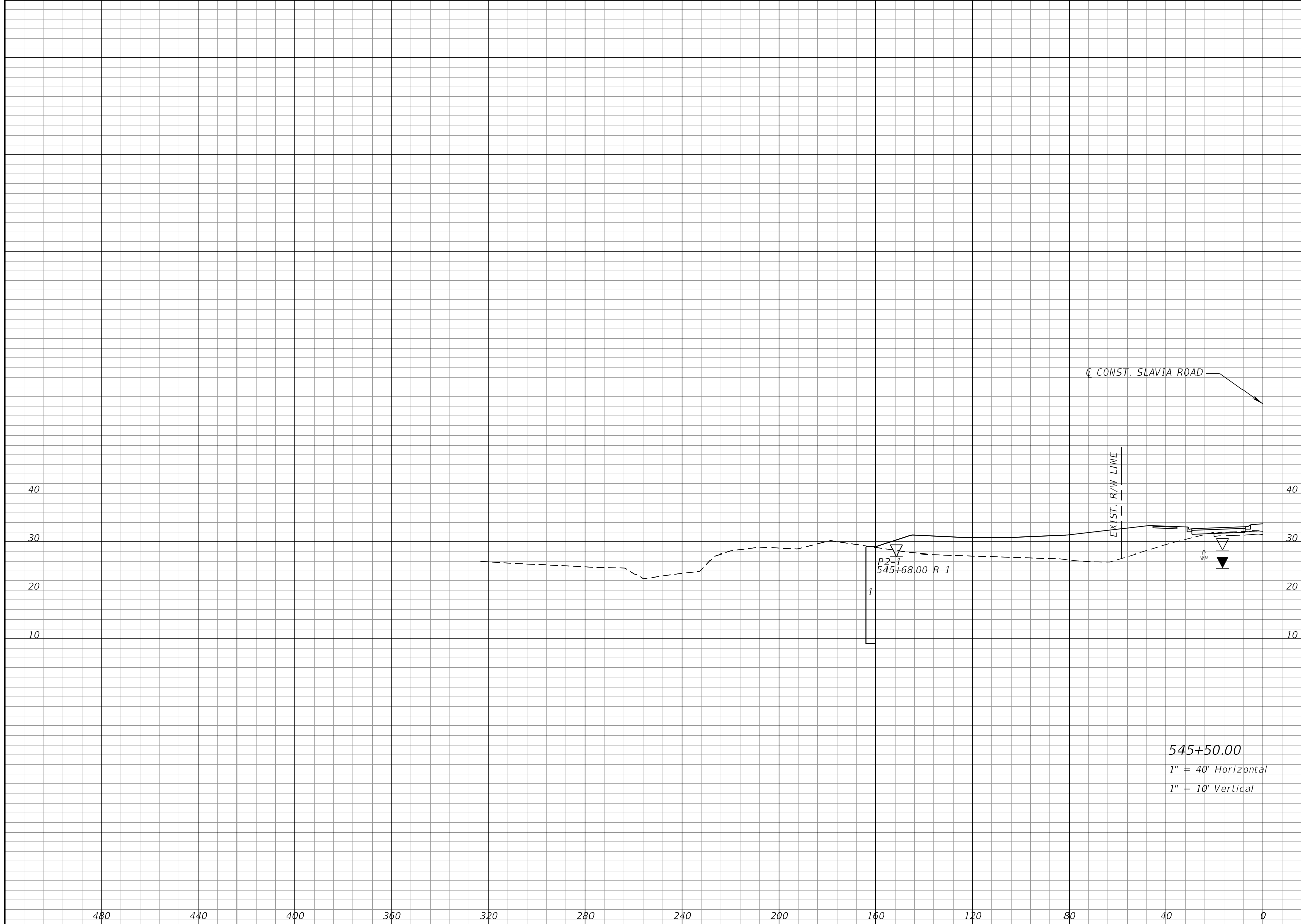
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SAFARI COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

POND CROSS SECTIONS
POND 1

SHEET NO.
 60

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		291	0

545+50.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

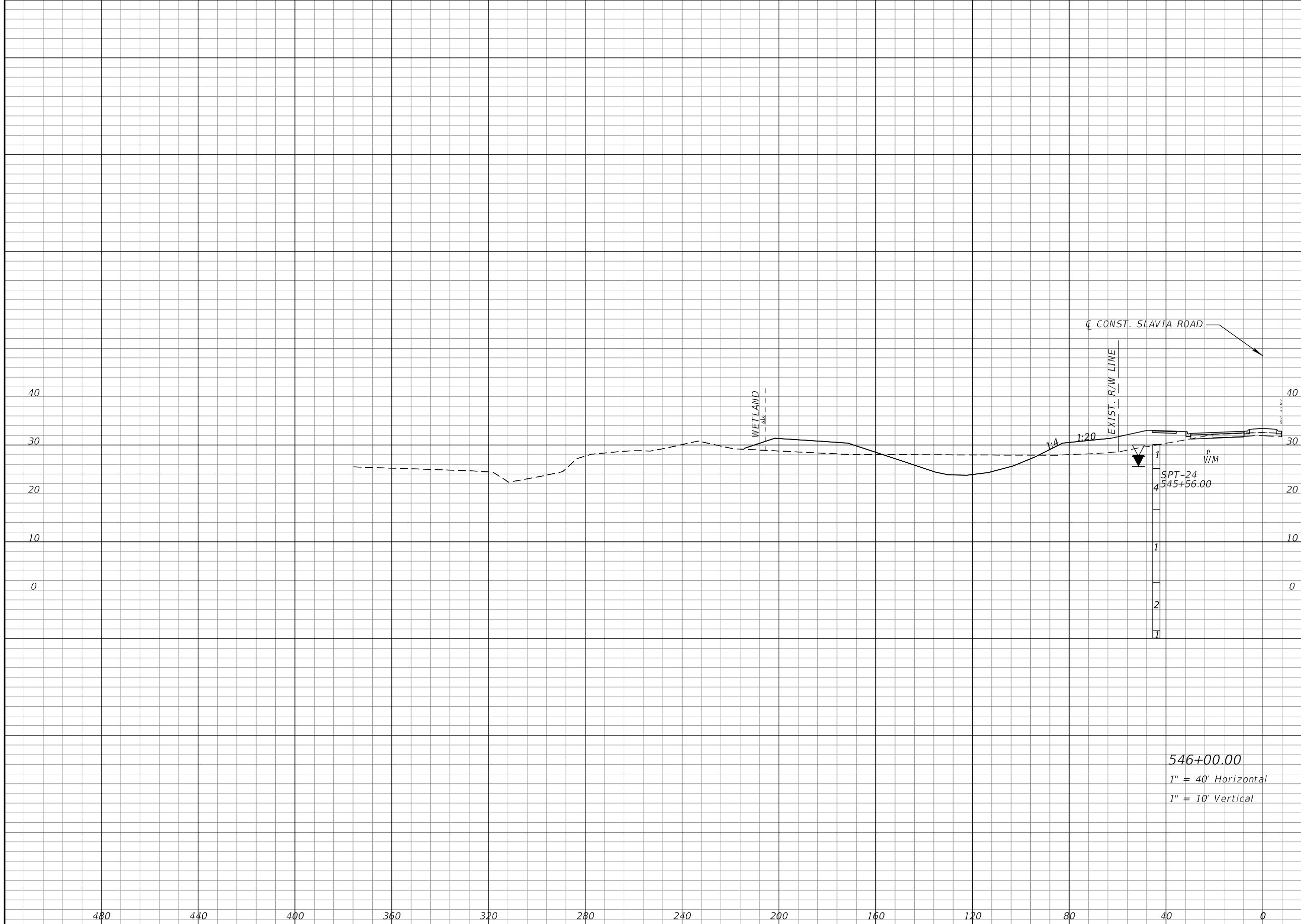
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 61

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
168		156		177	
				433	

546+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

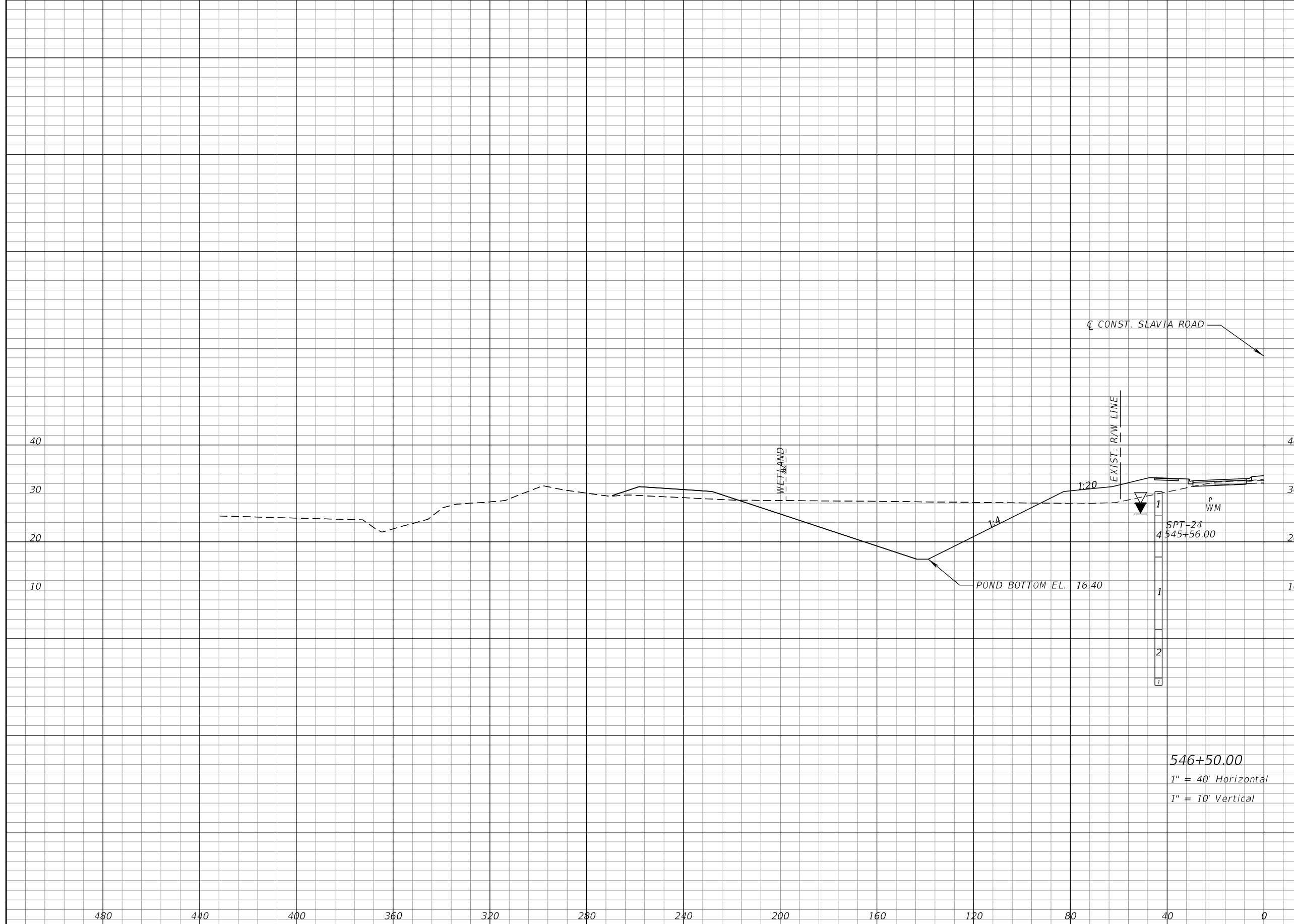
SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 62

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



770	869	141	294
-----	-----	-----	-----

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

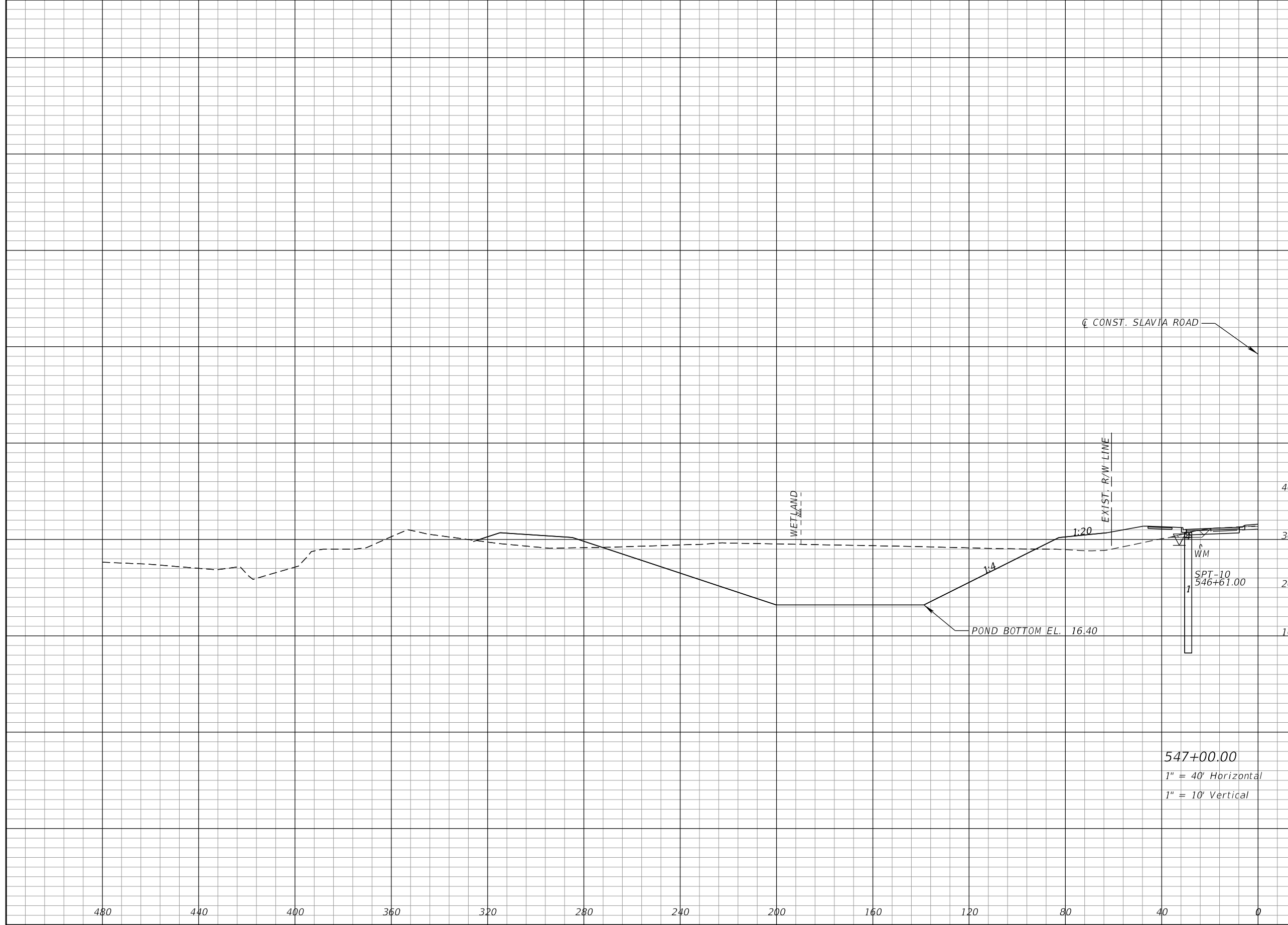
POND CROSS SECTIONS
POND 1

SHEET NO.
 63

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

Regular Exc.		Embankment	
A	V	A	V

1509	2110	171	289
------	------	-----	-----



547+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

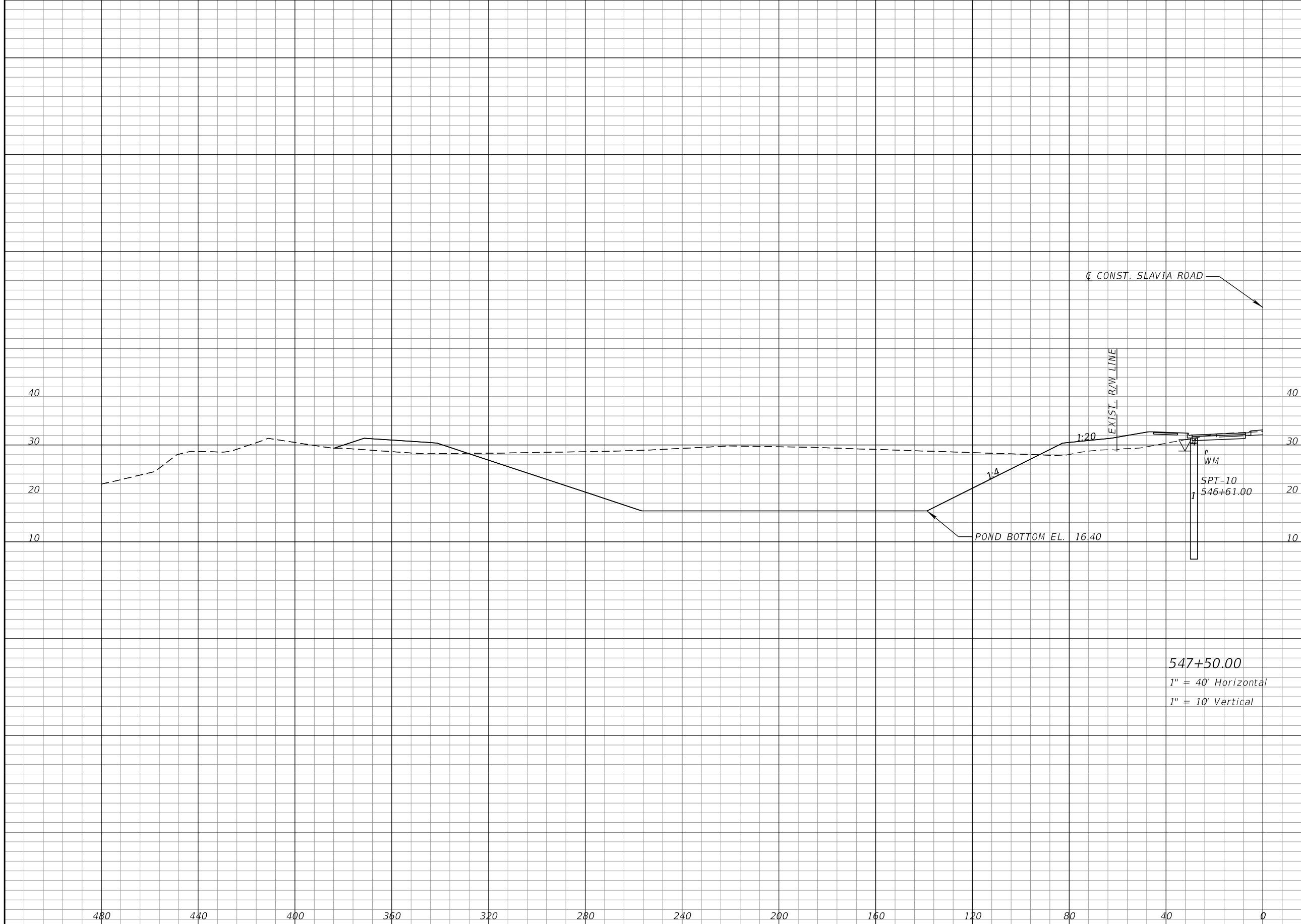
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

POND CROSS SECTIONS
POND 1

SHEET NO.
64

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
2257		3487		159	306

547+50.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

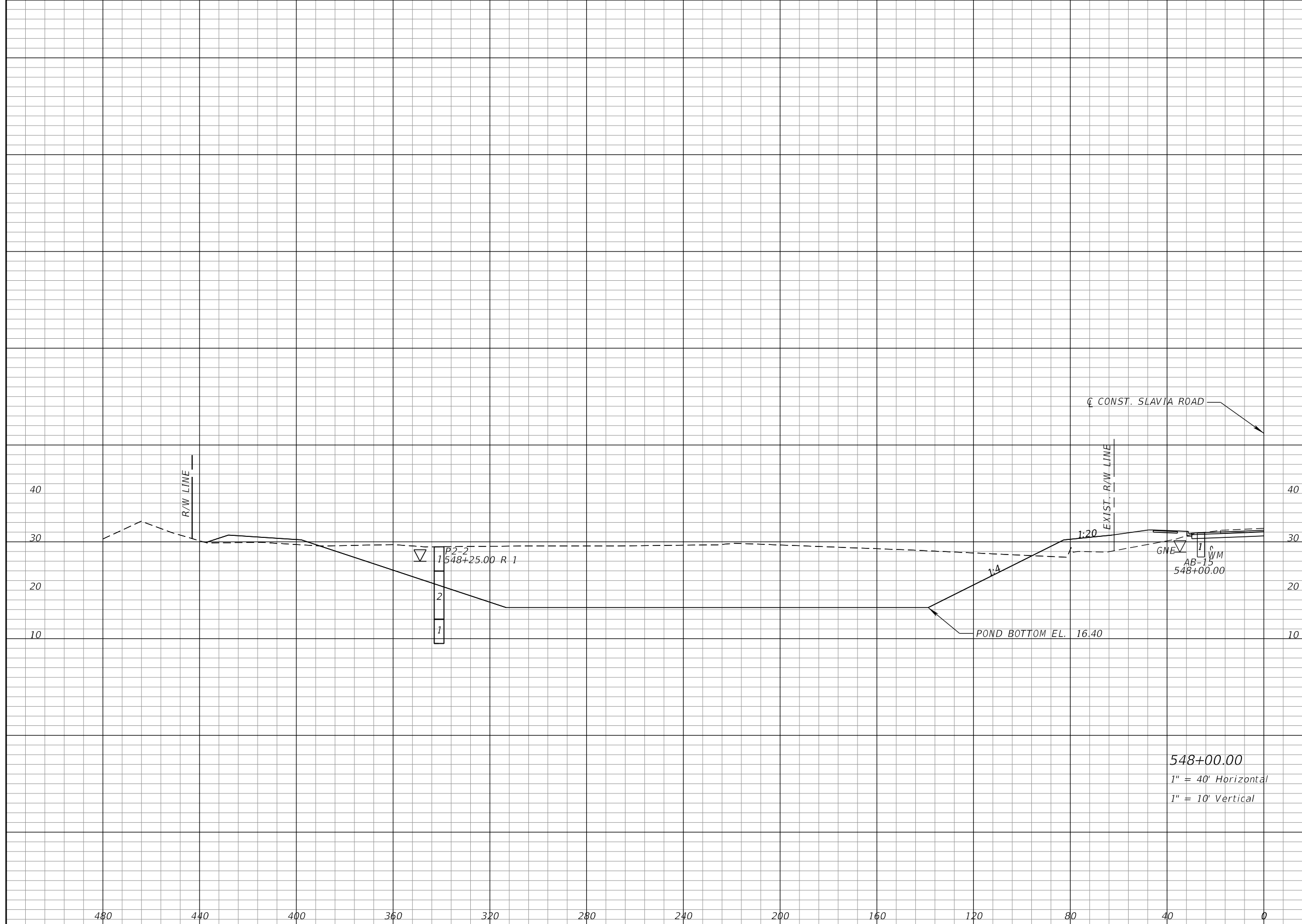
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

POND CROSS SECTIONS
POND 1

SHEET NO.
65

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
2957				131	
	4828				269

548+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

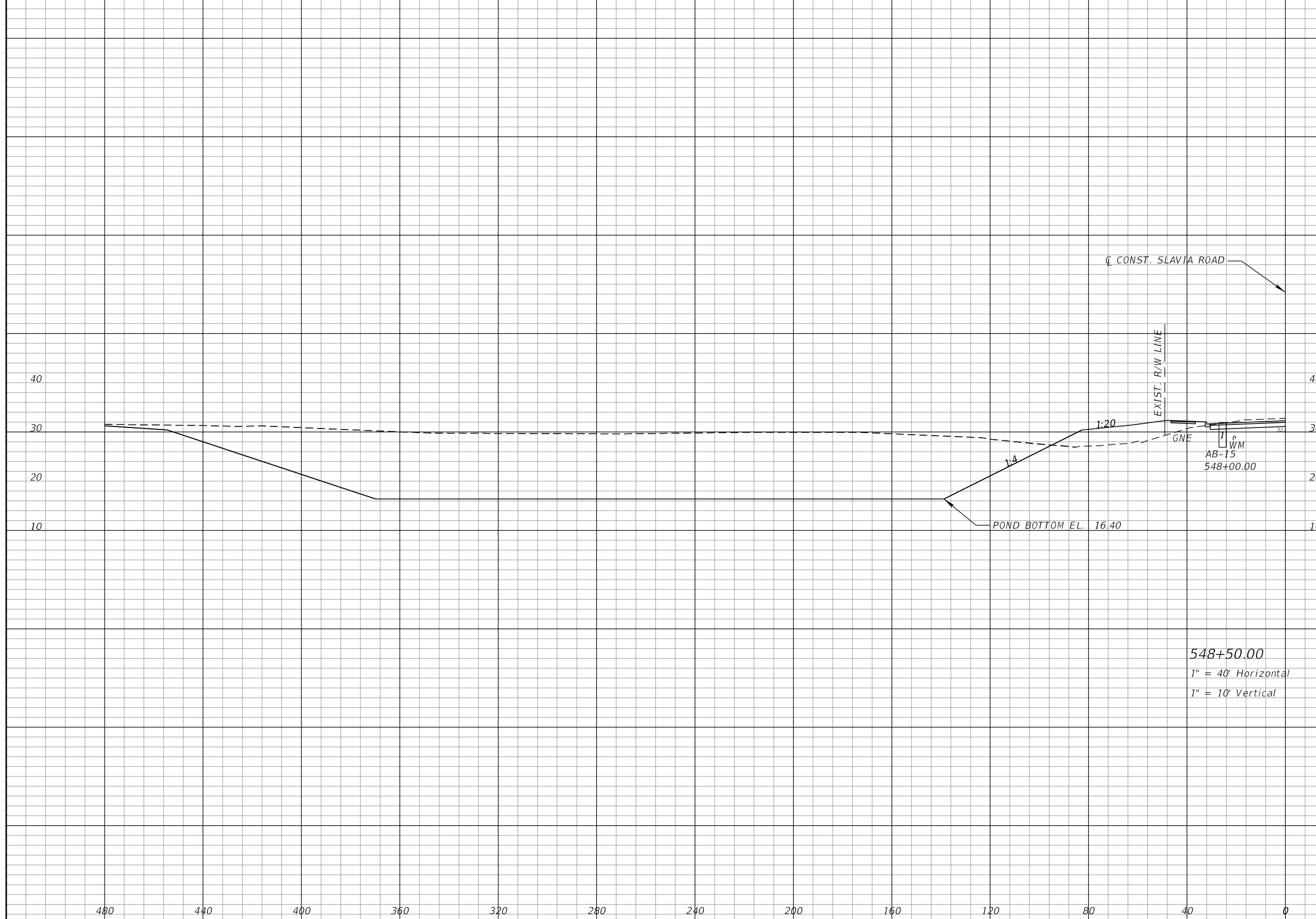
SEMINOLE COUNTY FLORIDA'S SAFARI COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

POND CROSS SECTIONS
POND 1

SHEET NO.
66

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



4030	6469	92	206
------	------	----	-----

548+50.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

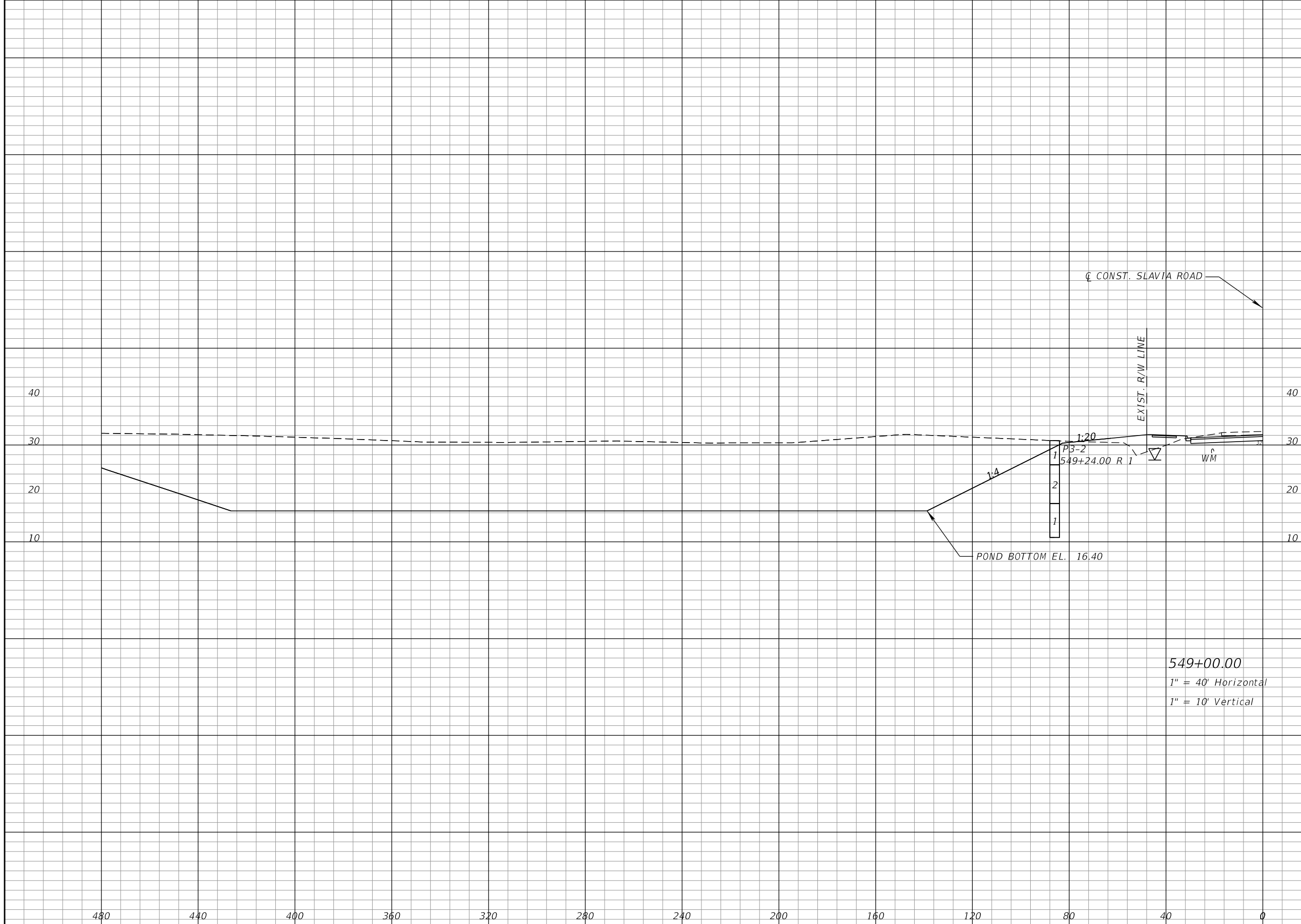
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 67

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
5482		8807		6	91

549+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

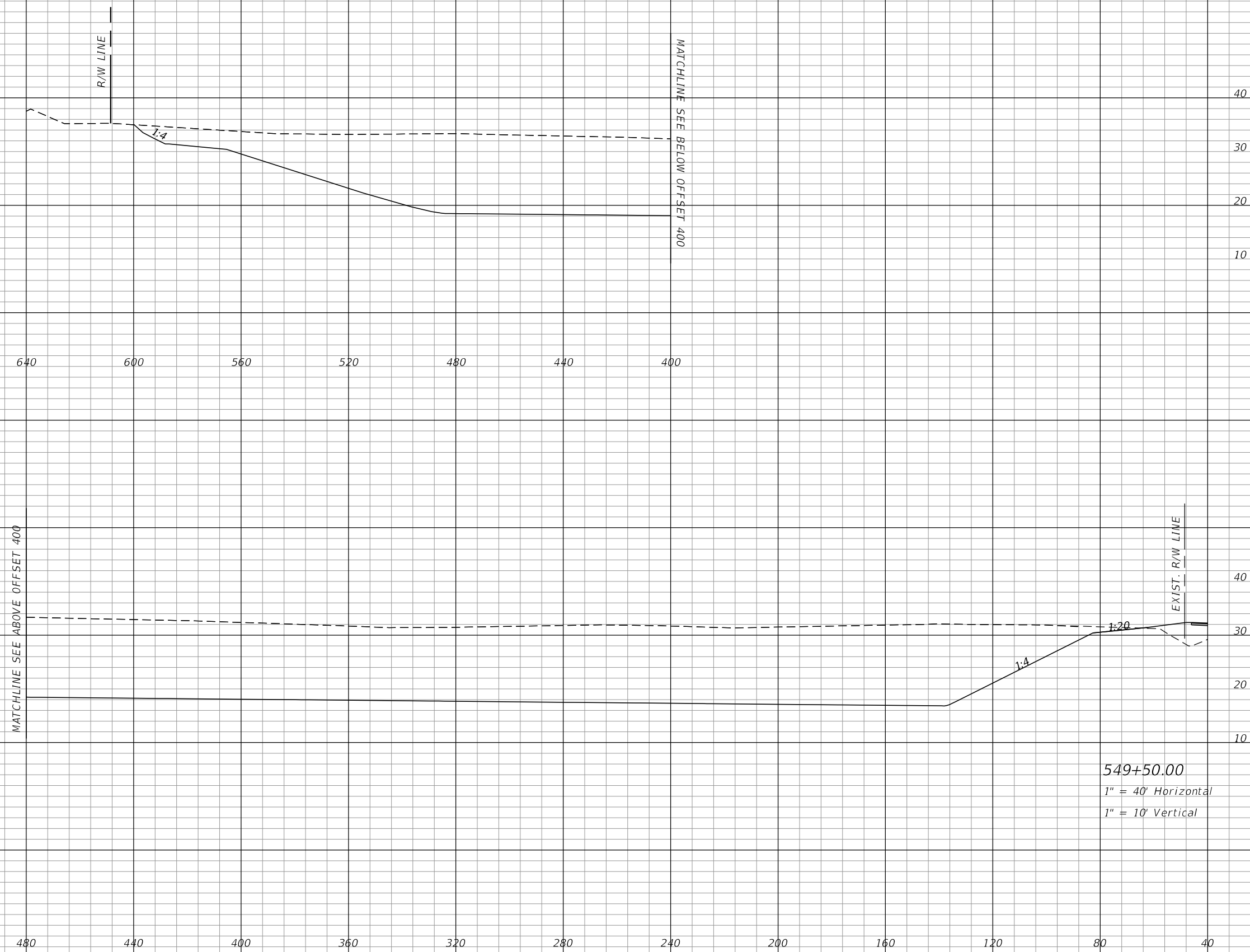
SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 68

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



549+50.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

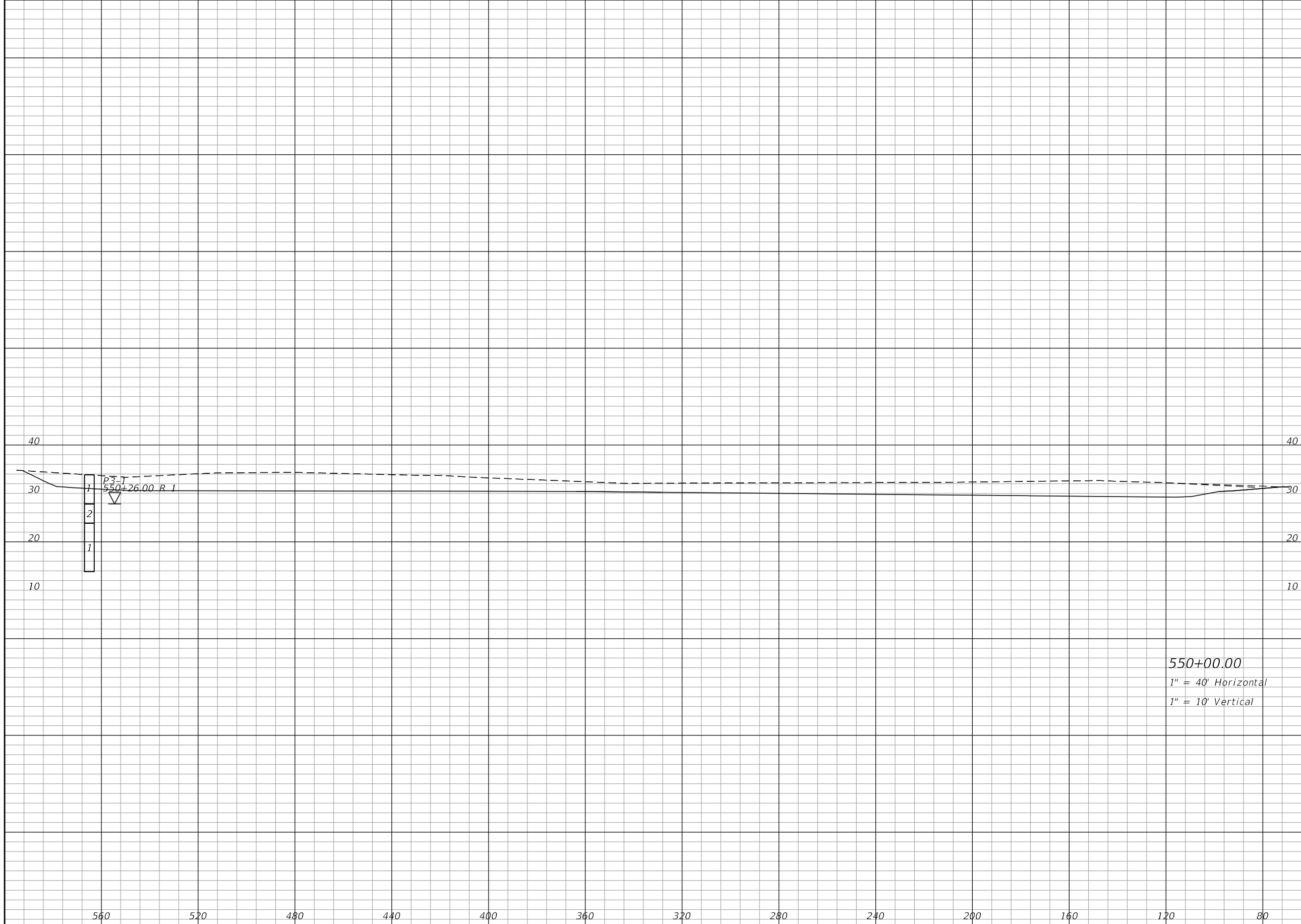
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

POND CROSS SECTIONS
POND 1

SHEET NO.
 69

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



Regular Exc.		Embankment	
A	V	A	V
1377	7103	0	0

550+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 70

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



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0

551+00.00
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

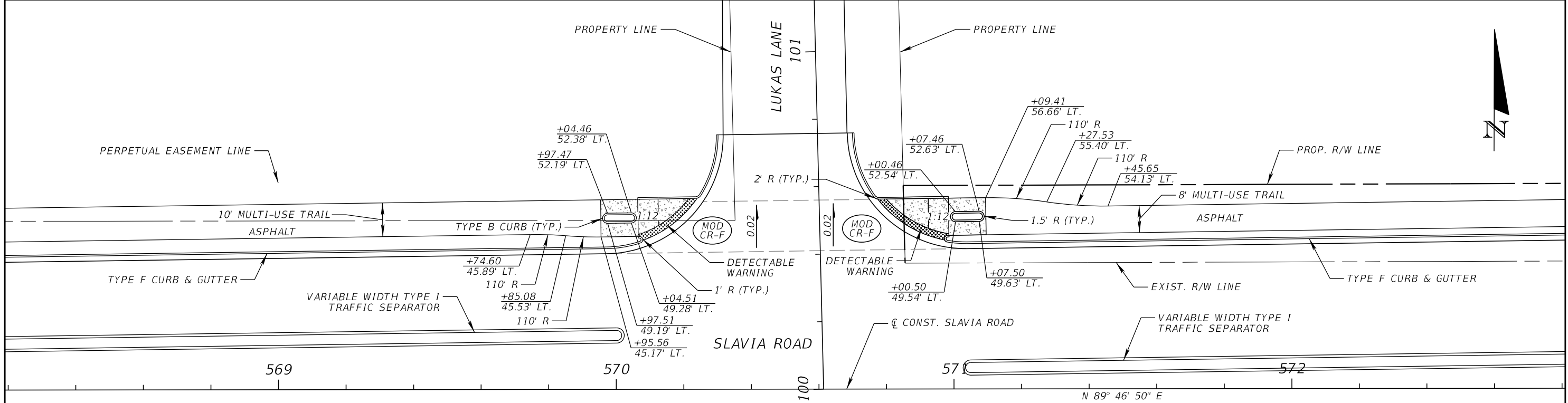
SEAN CARRIGAIN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

POND CROSS SECTIONS
POND 1

SHEET NO.
 71

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

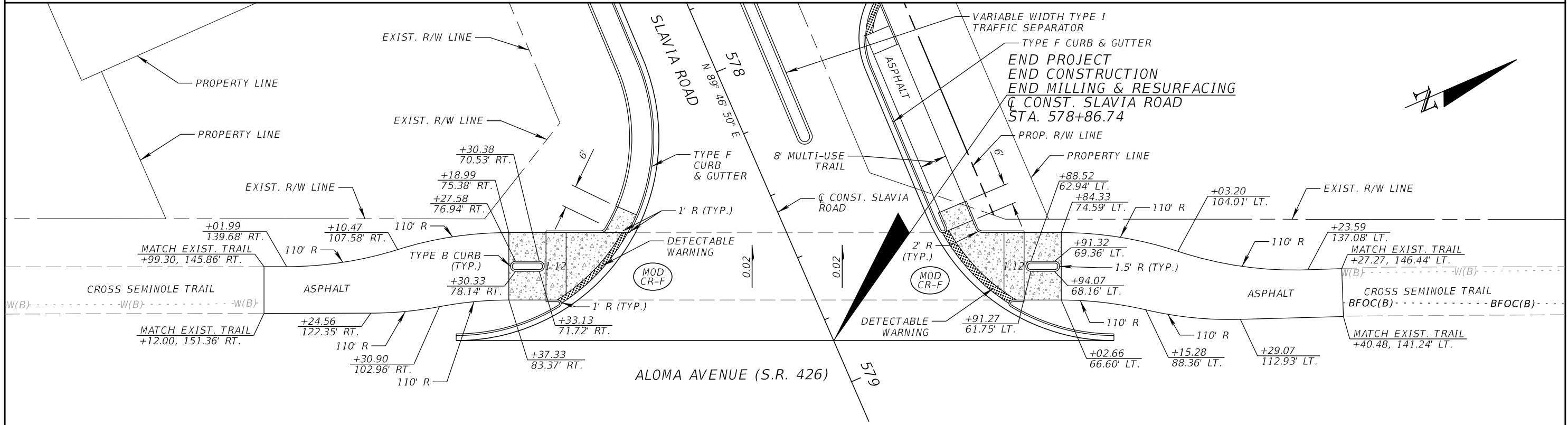


**CURB RAMP DETAIL
LUKAS LANE**

SCALE: 1"=30'

LEGEND

6" CONC. SIDEWALK



**CURB RAMP DETAIL
ALOMA AVENUE**

SCALE: 1"=30'

LEGEND

6" CONC. SIDEWALK

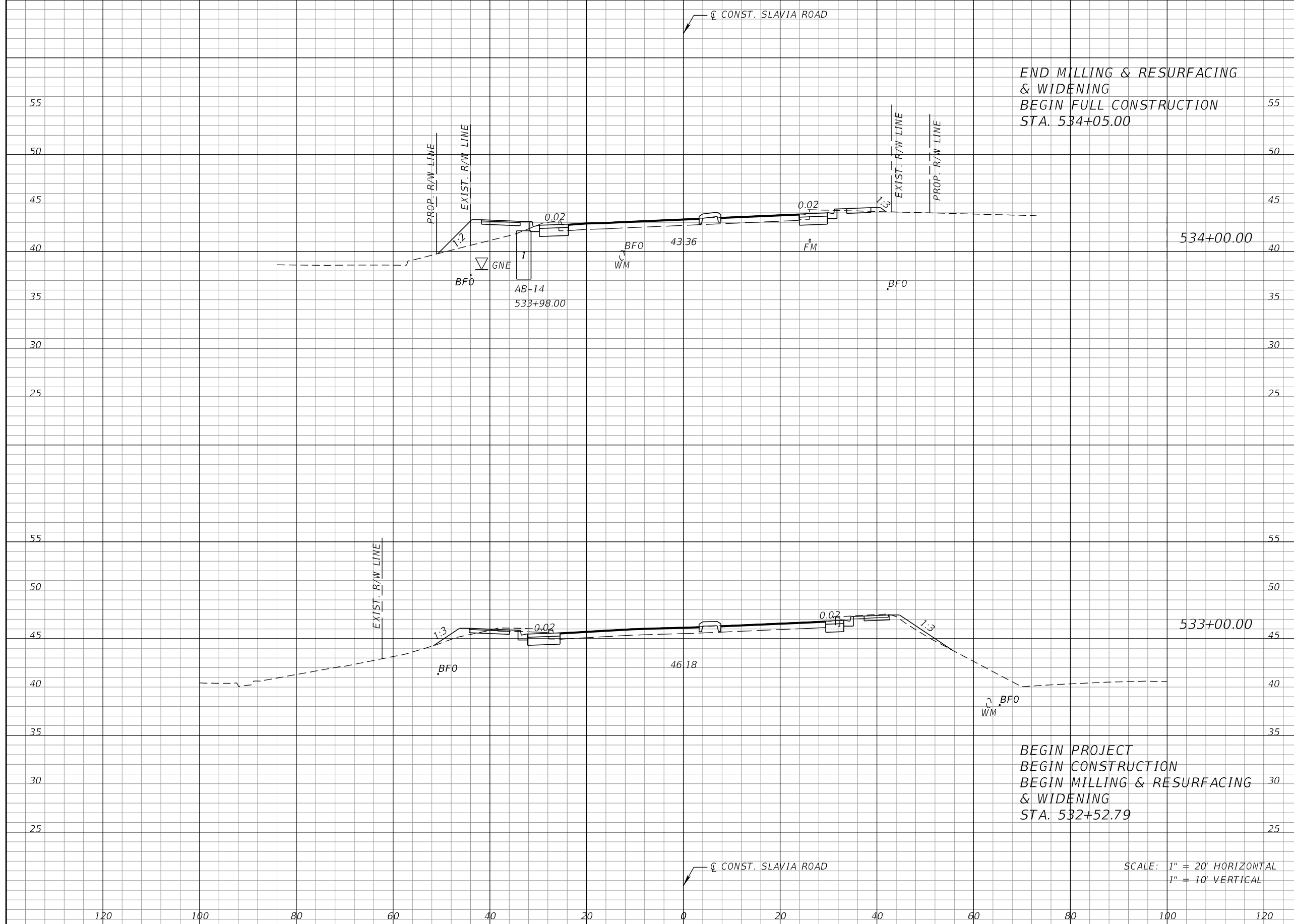
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY Florida's Future Starts Here		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**SPECIAL DETAILS
TRAIL CURB RAMPS**

SHEET NO.
72



END MILLING & RESURFACING
 & WIDENING
 BEGIN FULL CONSTRUCTION
 STA. 534+05.00

BEGIN PROJECT
 BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACING
 & WIDENING
 STA. 532+52.79

SCALE: 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Regular		Exc.		Embankment	
A	V	A	V	A	V
17	81	87	176		
27	0	8	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

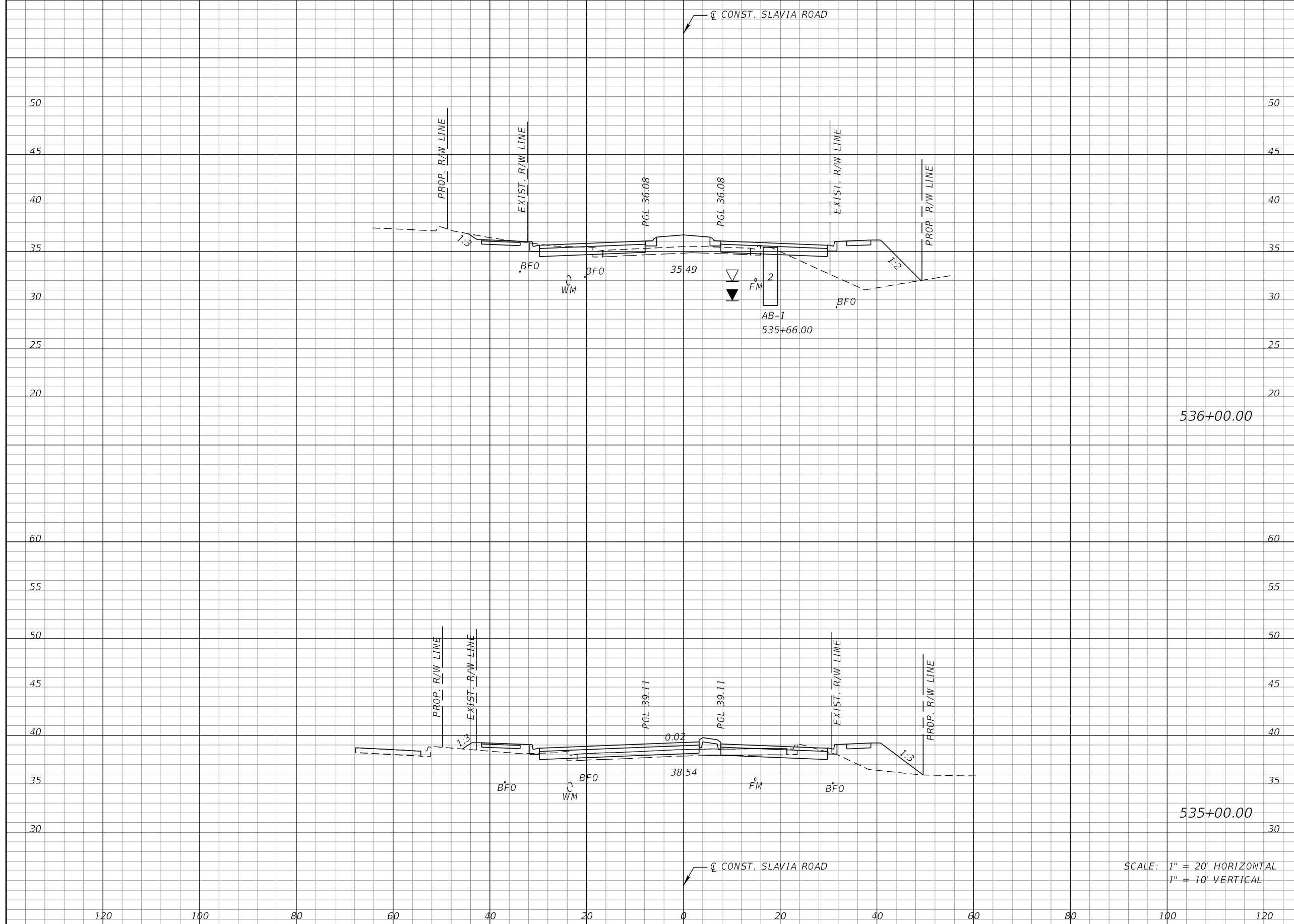
JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
 73

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
30	122	85		219	
36	98	33		222	

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

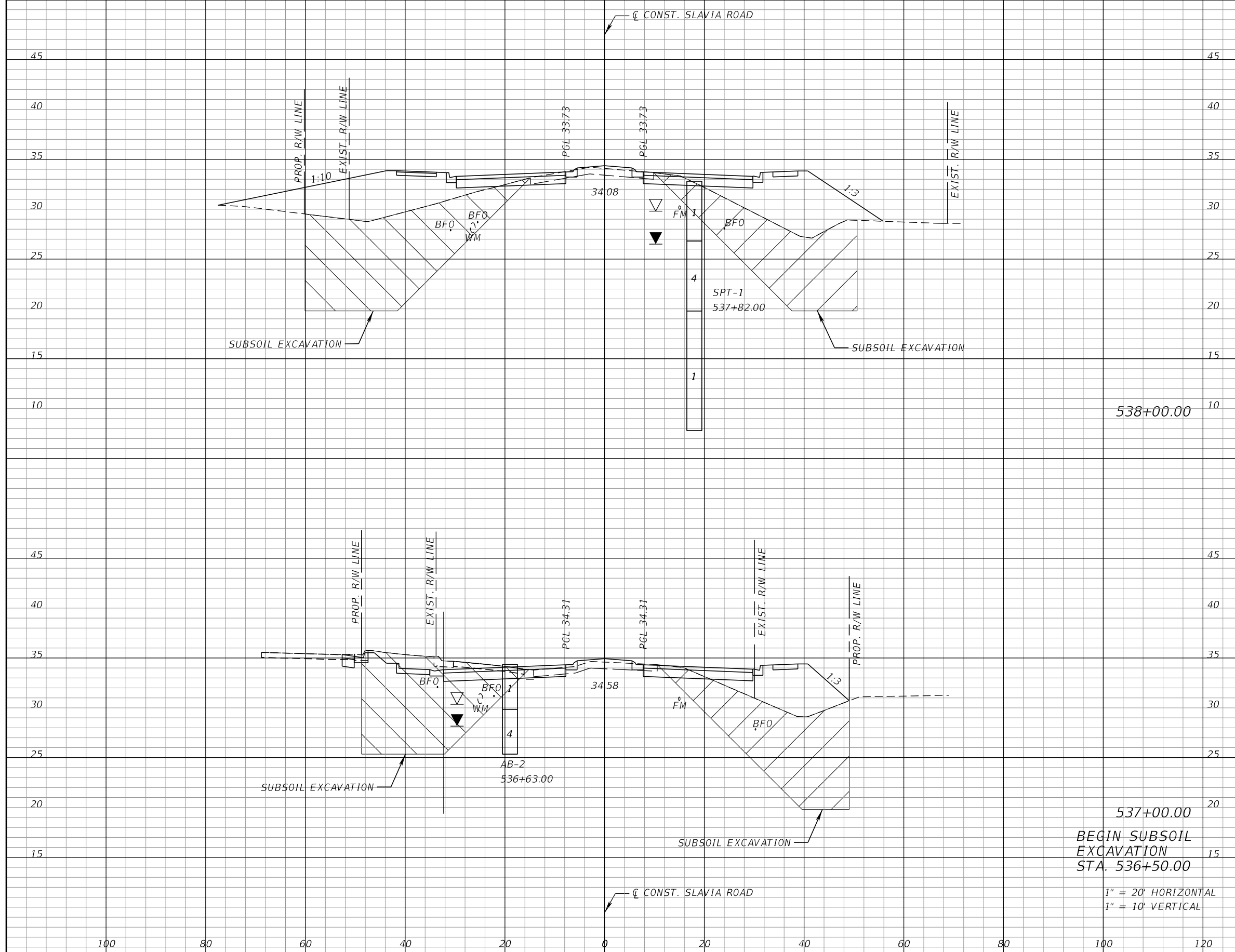
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
74

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



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
16	56	777	2562	530	1876
14	81	555	738	483	477

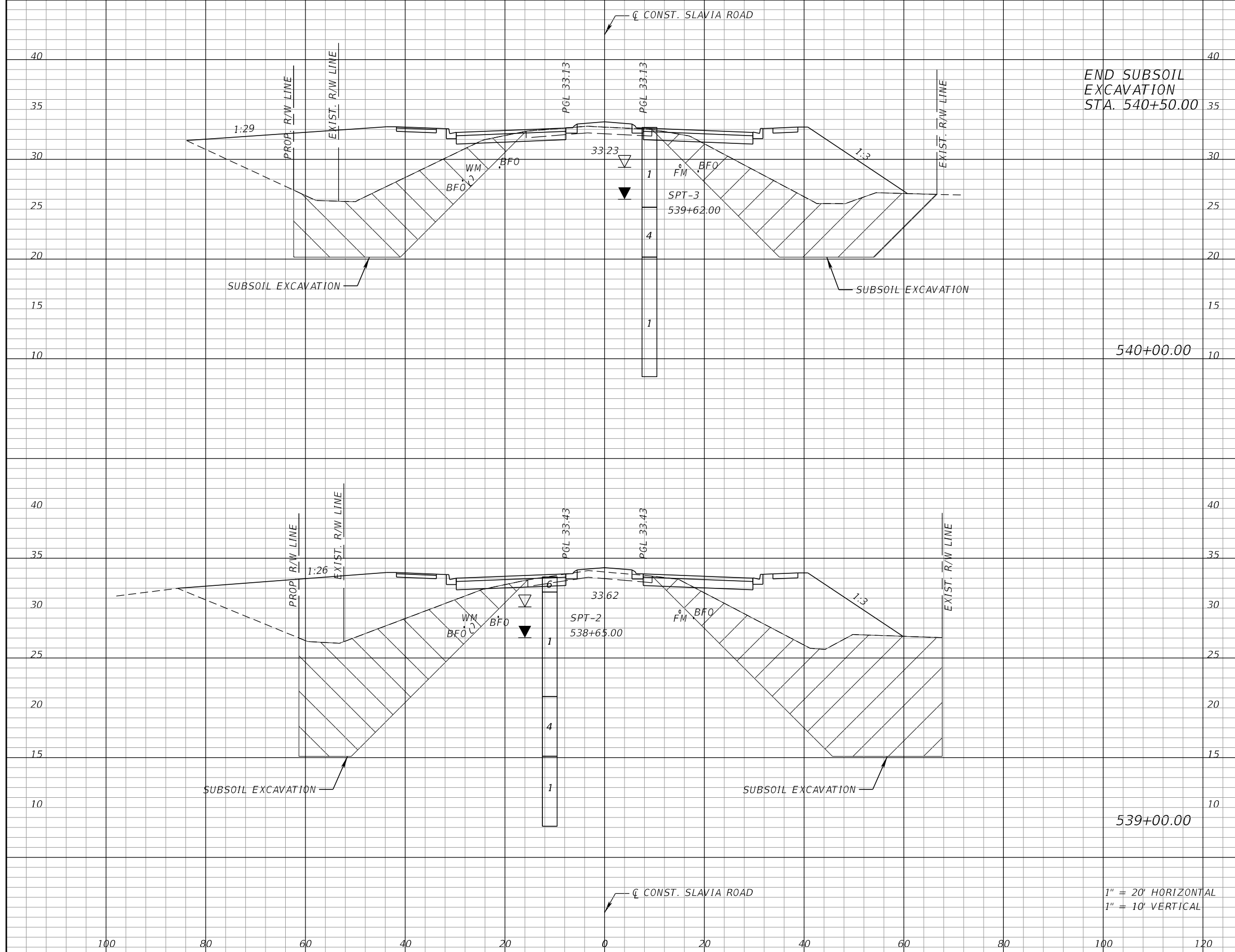
538+00.00
 537+00.00
 BEGIN SUBSOIL
 EXCAVATION
 STA. 536+50.00
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE CAPITAL		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS		SHEET NO. 75
SLAVIA ROAD		



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
20	69	888	4756	499	2400
17	61	1174	4120	797	2457

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

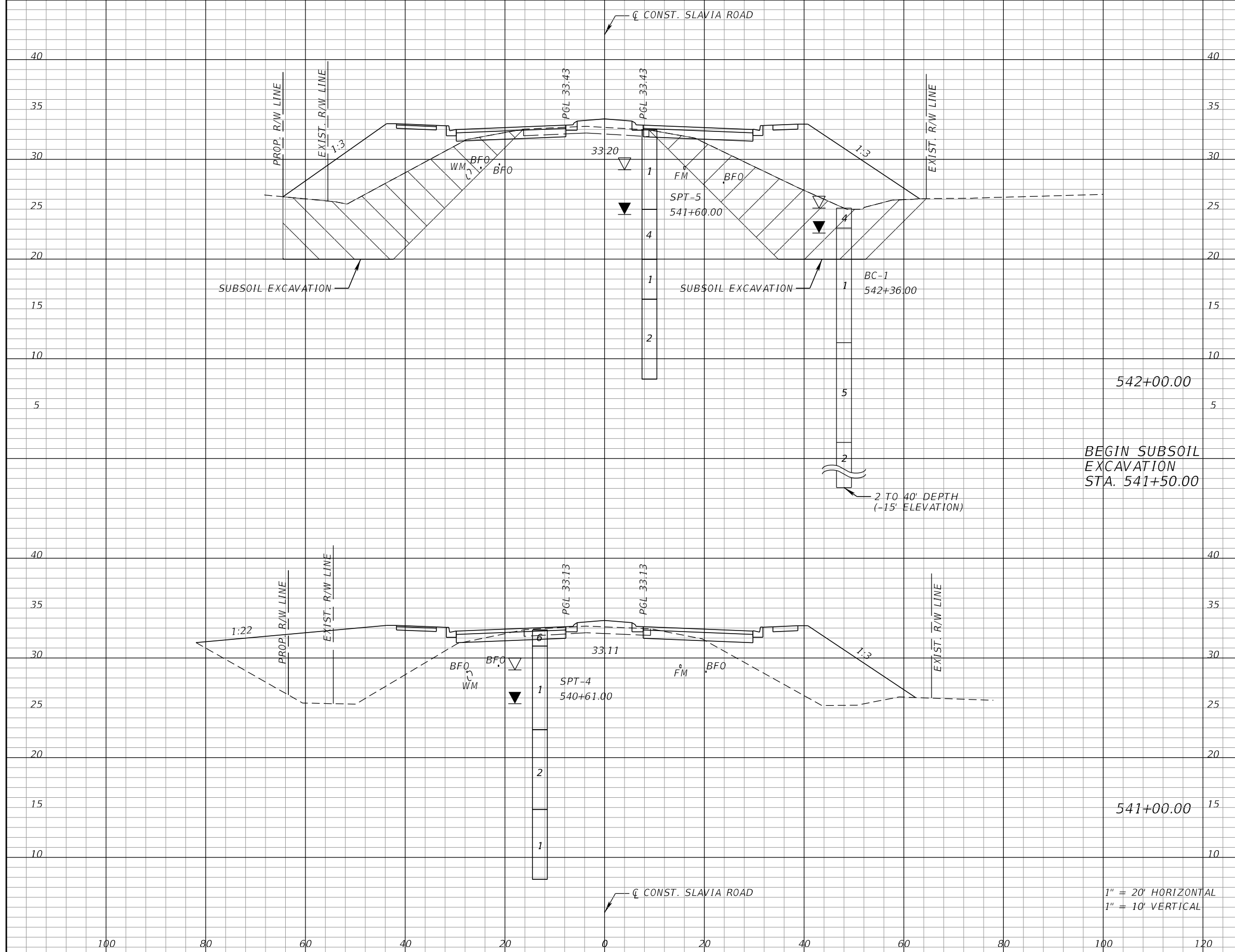
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
76

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



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
19	81	813	1776	520	481
25	83	406	1934	0	462

BEGIN SUBSOIL EXCAVATION STA. 541+50.00

1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE CAPITAL		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

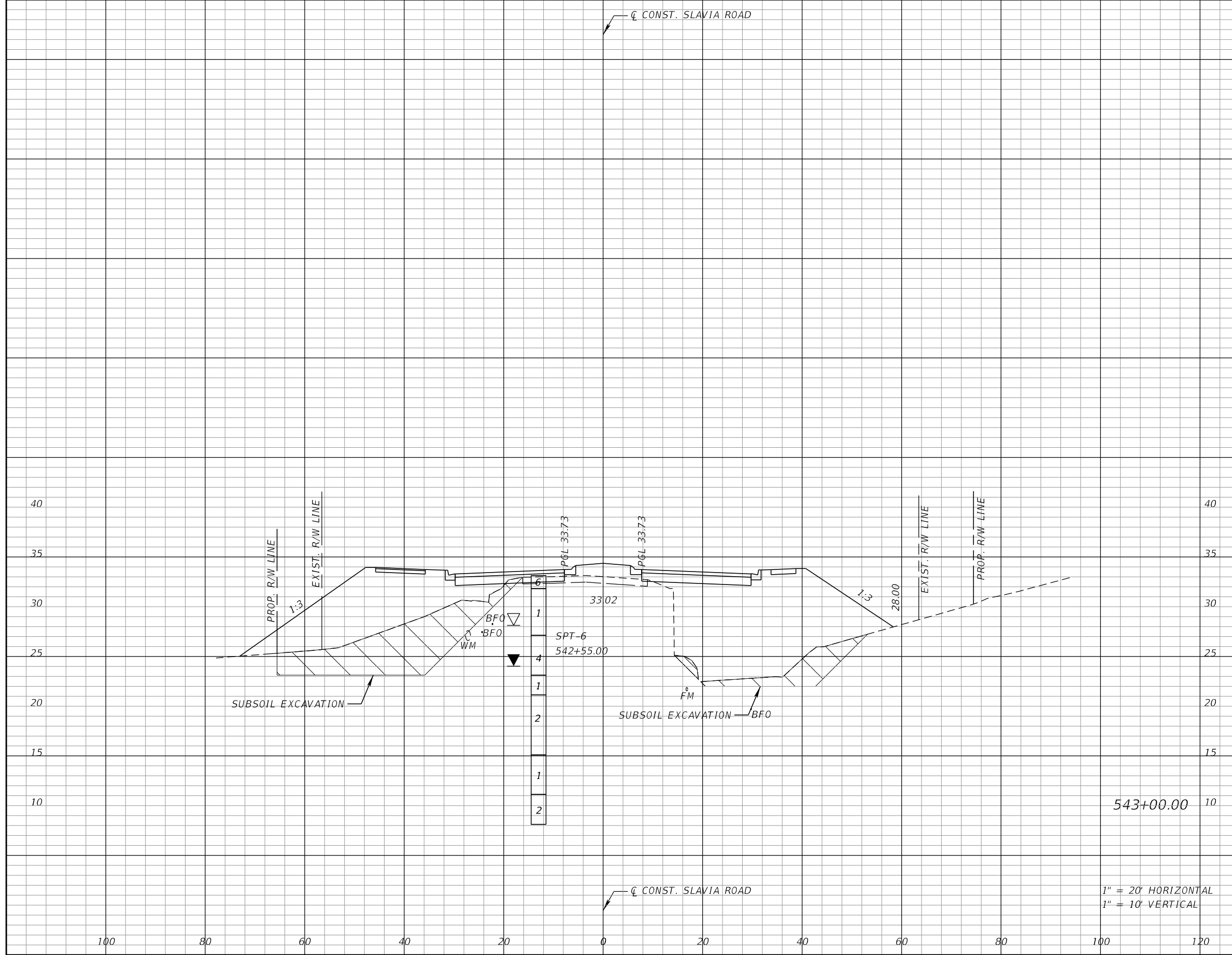
**CROSS SECTIONS
SLAVIA ROAD**

SHEET NO.
77

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

CL CONST. SLAVIA ROAD

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
62	150	684	2772	212	1356



CL CONST. SLAVIA ROAD

1" = 20' HORIZONTAL
1" = 10' VERTICAL

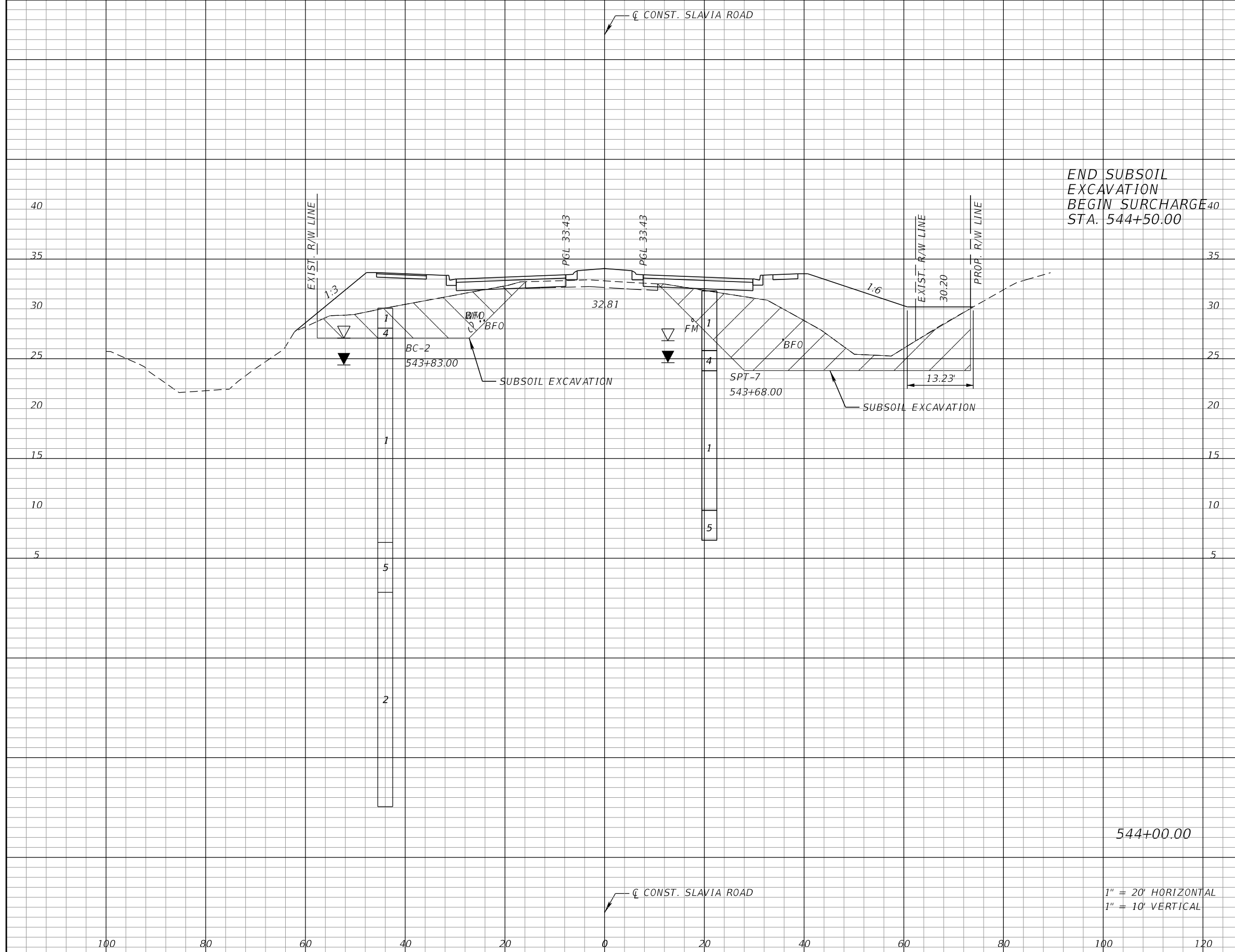
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
78



END SUBSOIL
EXCAVATION
BEGIN SURCHARGE⁴⁰
STA. 544+50.00

544+00.00

1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
29	169	526	2241	373	1083

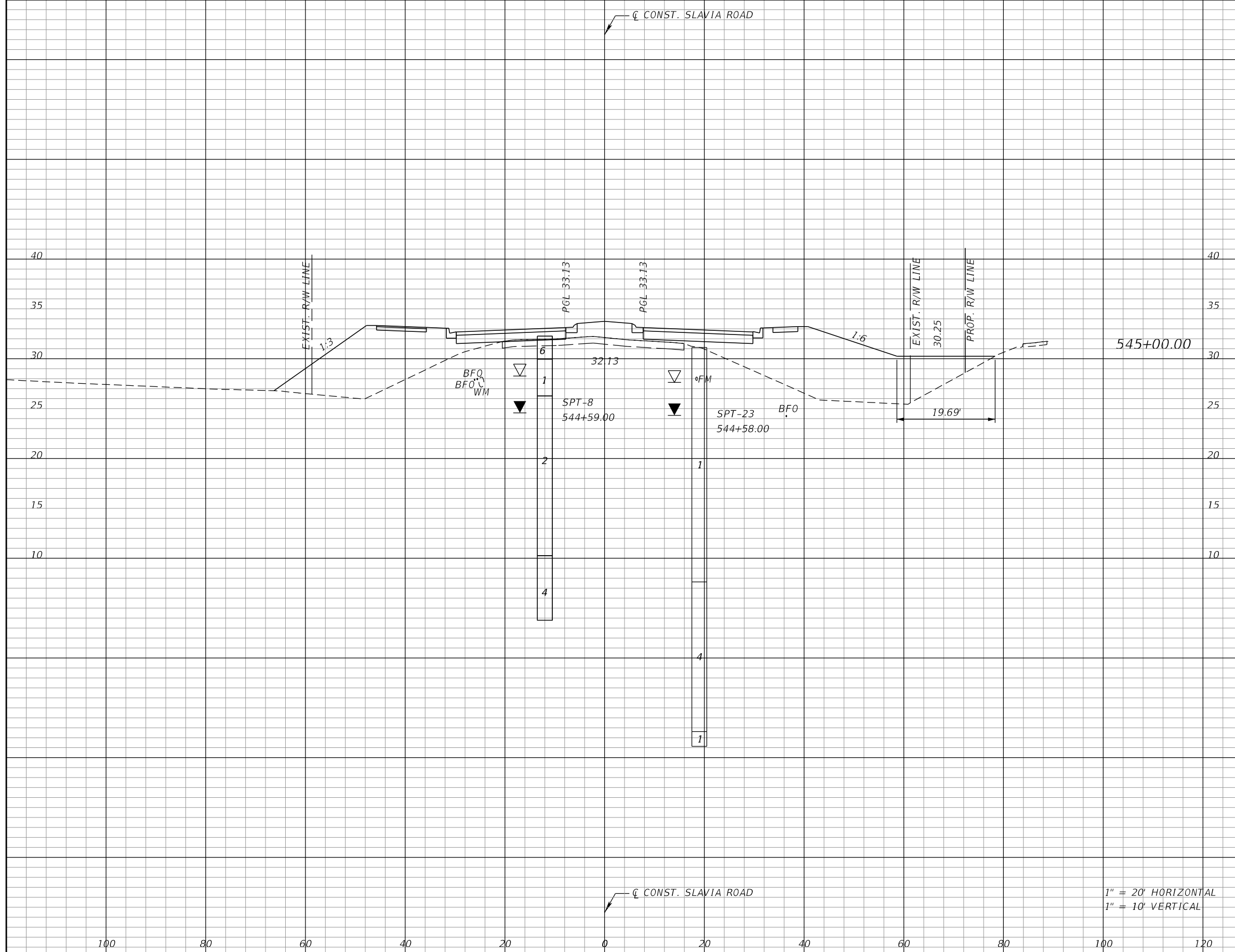
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
79



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
1	56	291	1168	0	345

1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

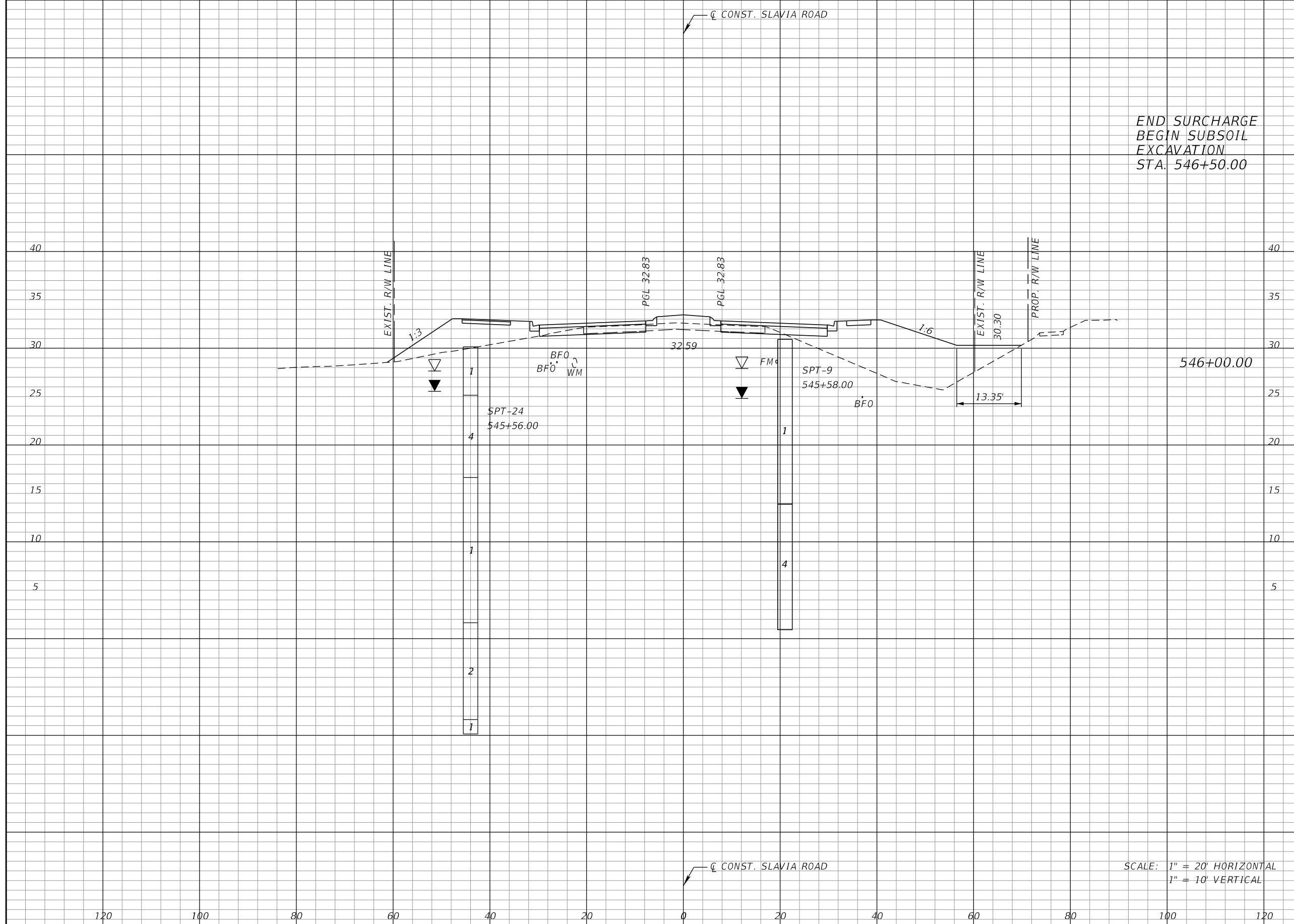
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
80

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



END SURCHARGE
 BEGIN SUBSOIL
 EXCAVATION
 STA. 546+50.00

SCALE: 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Regular		Exc.		Embankment	
A	V	A	V	A	V
35	67	55	826		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

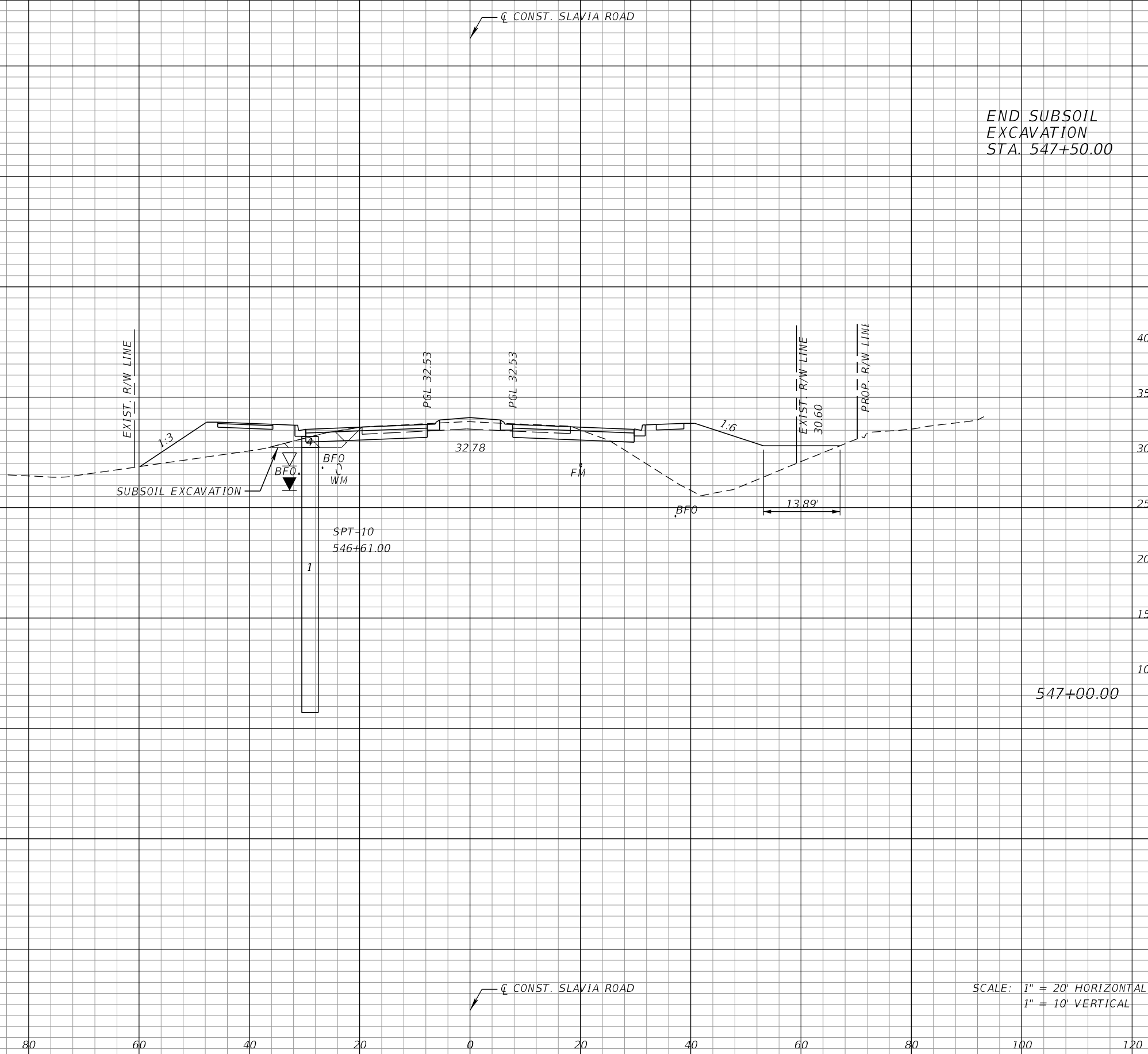
CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
81

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

Regular		Exc.		Embankment	
A	V	A	V	A	V
73		200		142	550

END SUBSOIL
EXCAVATION
STA. 547+50.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

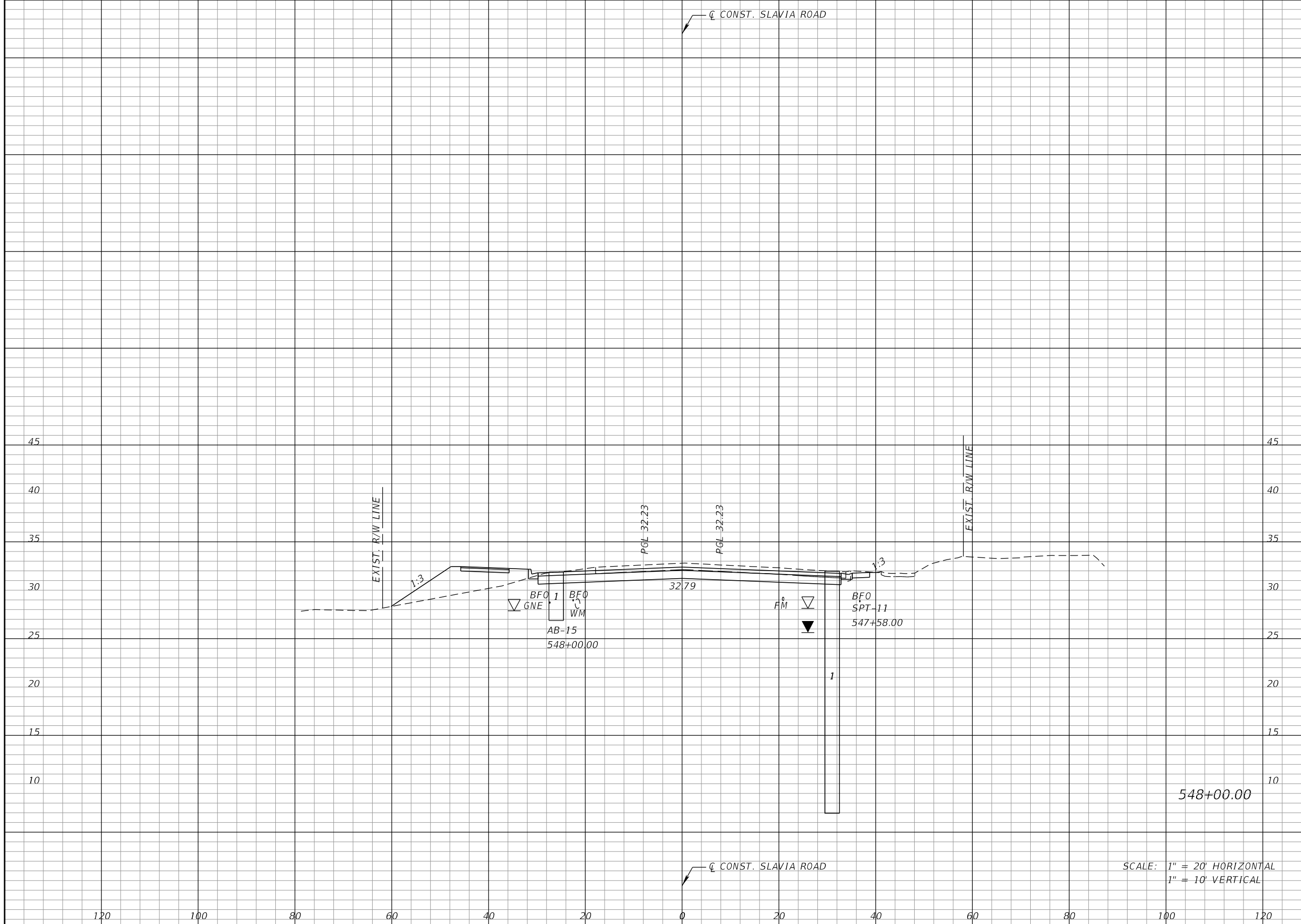
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
82

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
96		313		47	350

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

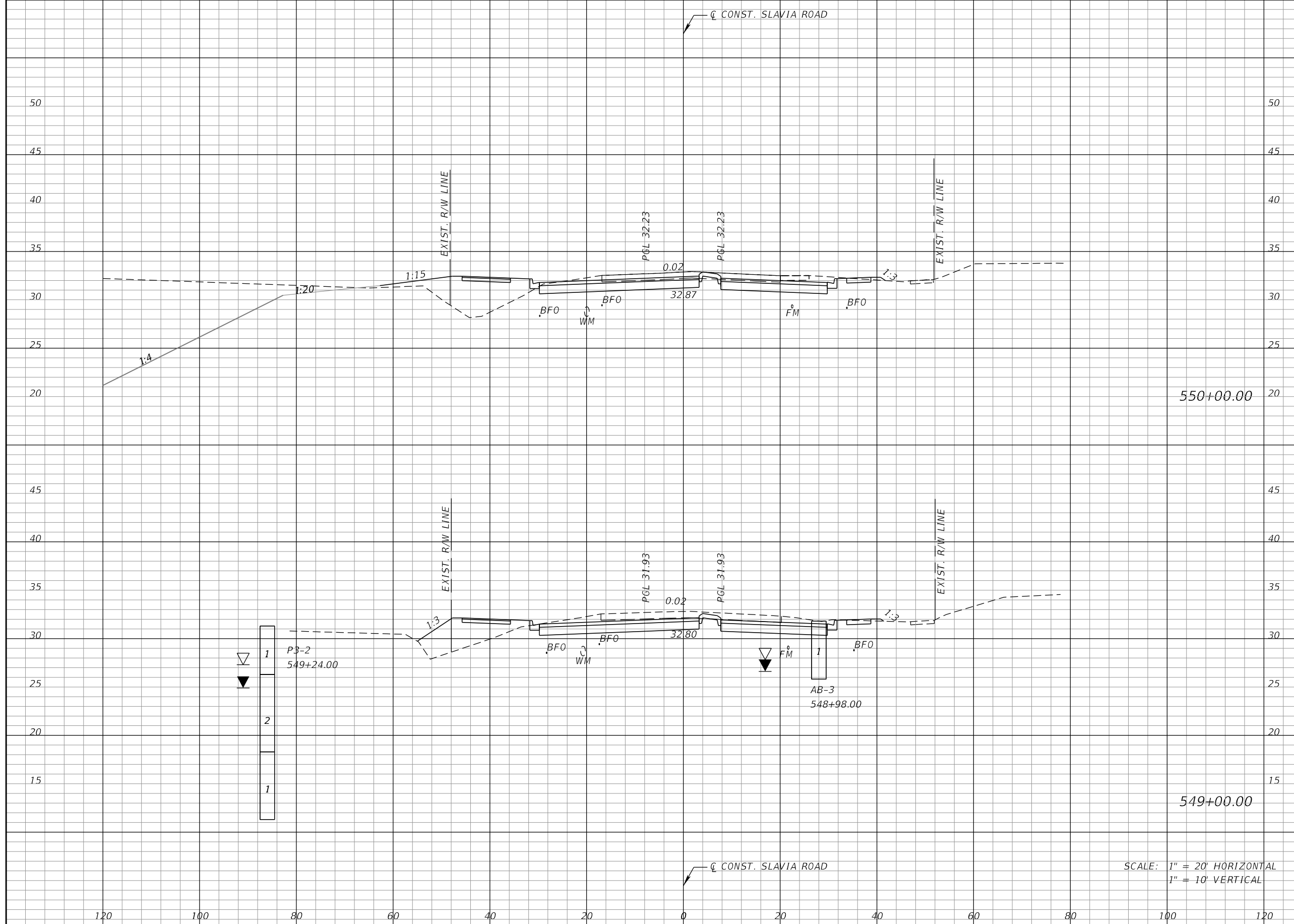
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
83

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
95	372	54	185		
106	374	46	172		

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

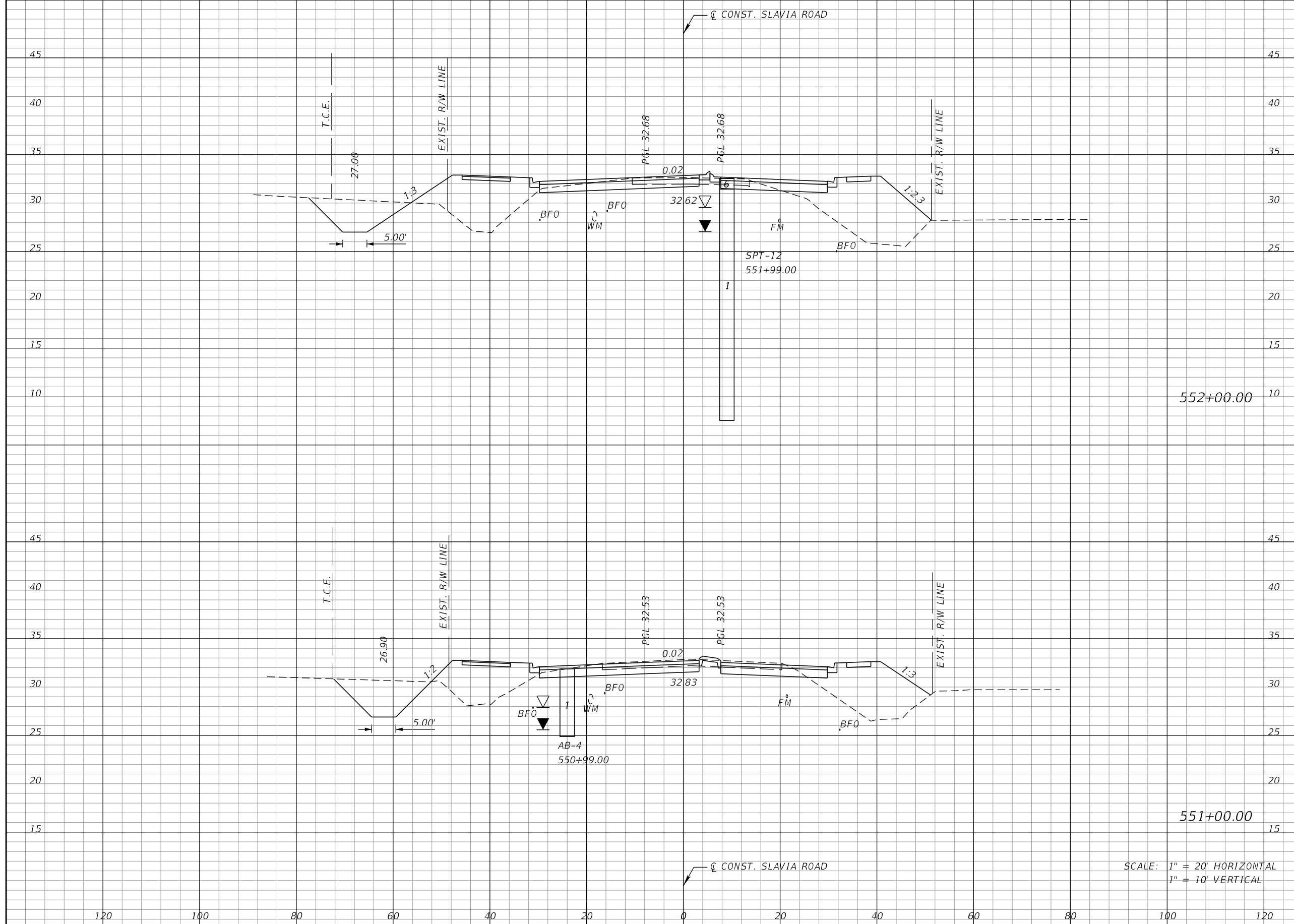
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE STATE		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
84

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
75		337		189	622
107		374		147	372

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

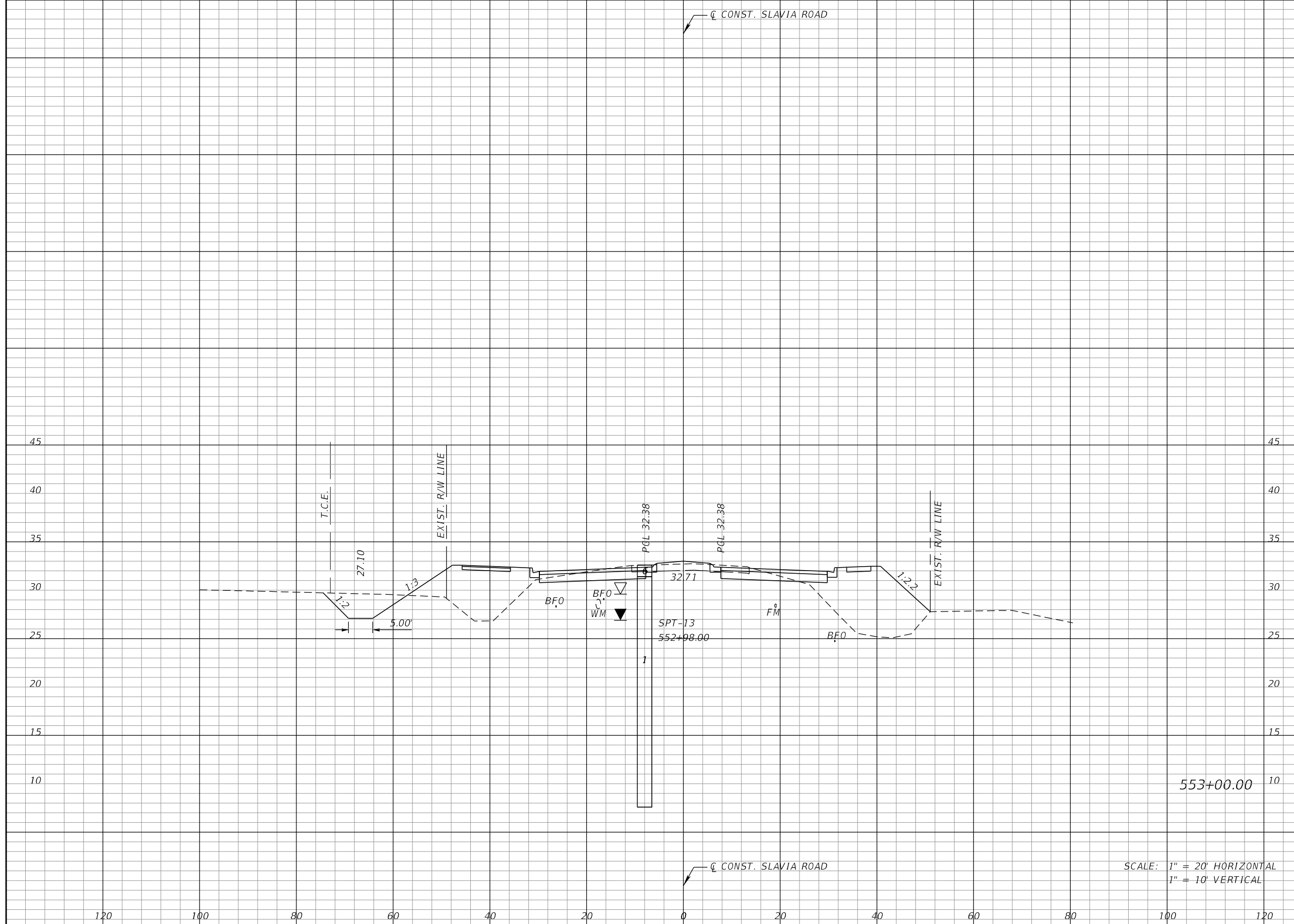
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
85

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
63		256		192	706

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

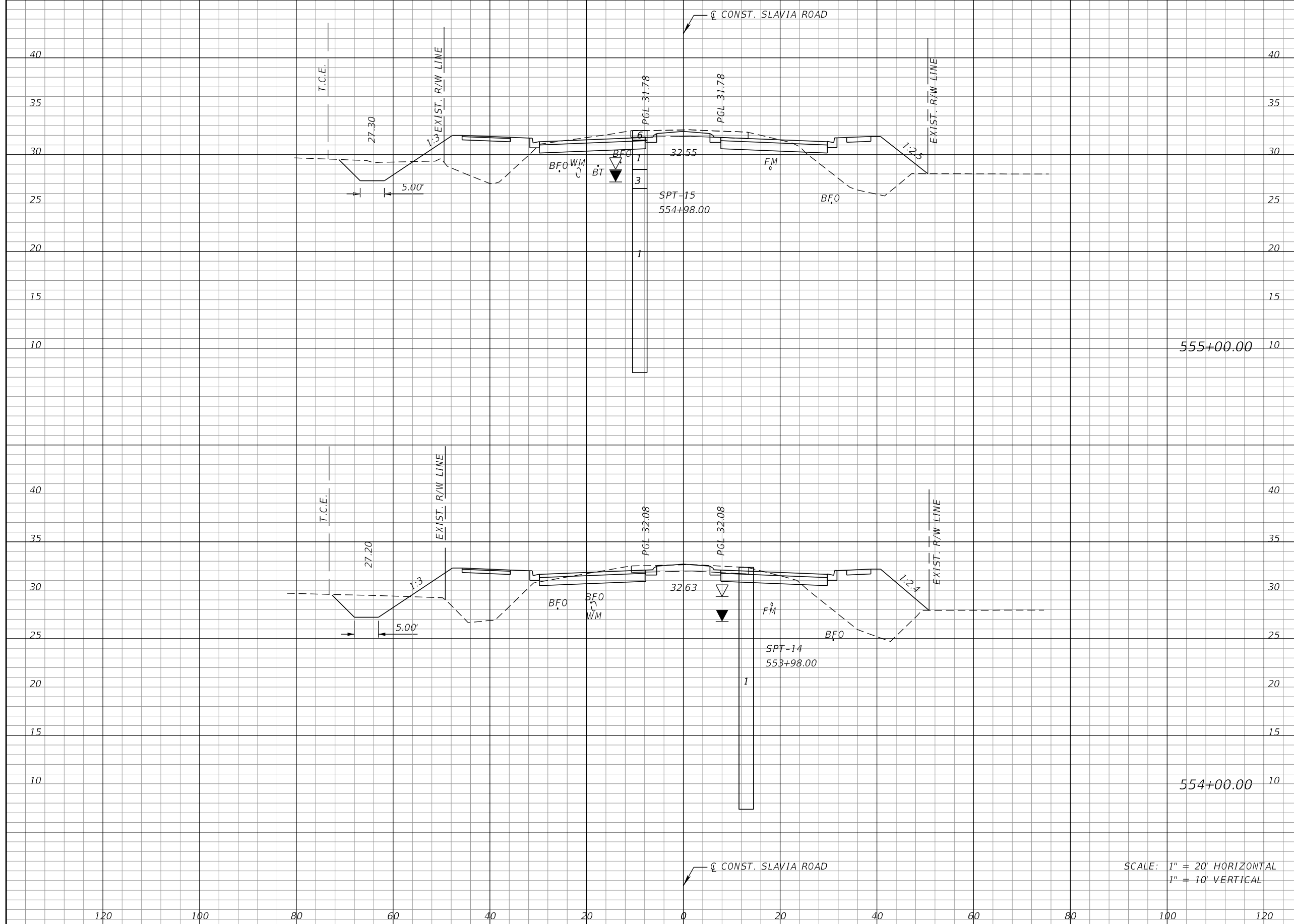
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
86

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
85	291	147	604		
72	250	179	687		

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

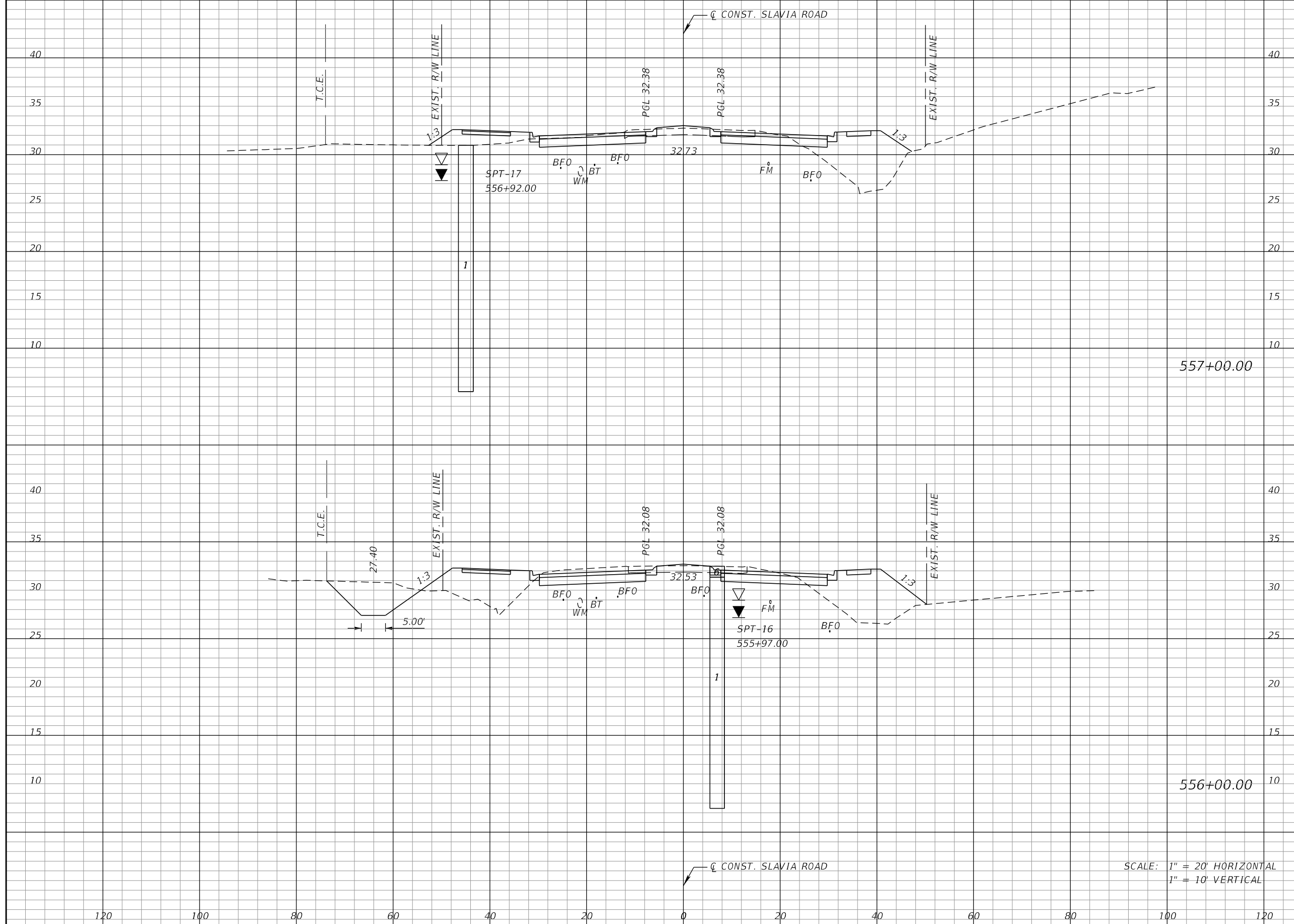
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Future Starts Here</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET
NO.
87

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
46	261	99	420		
95	333	128	509		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

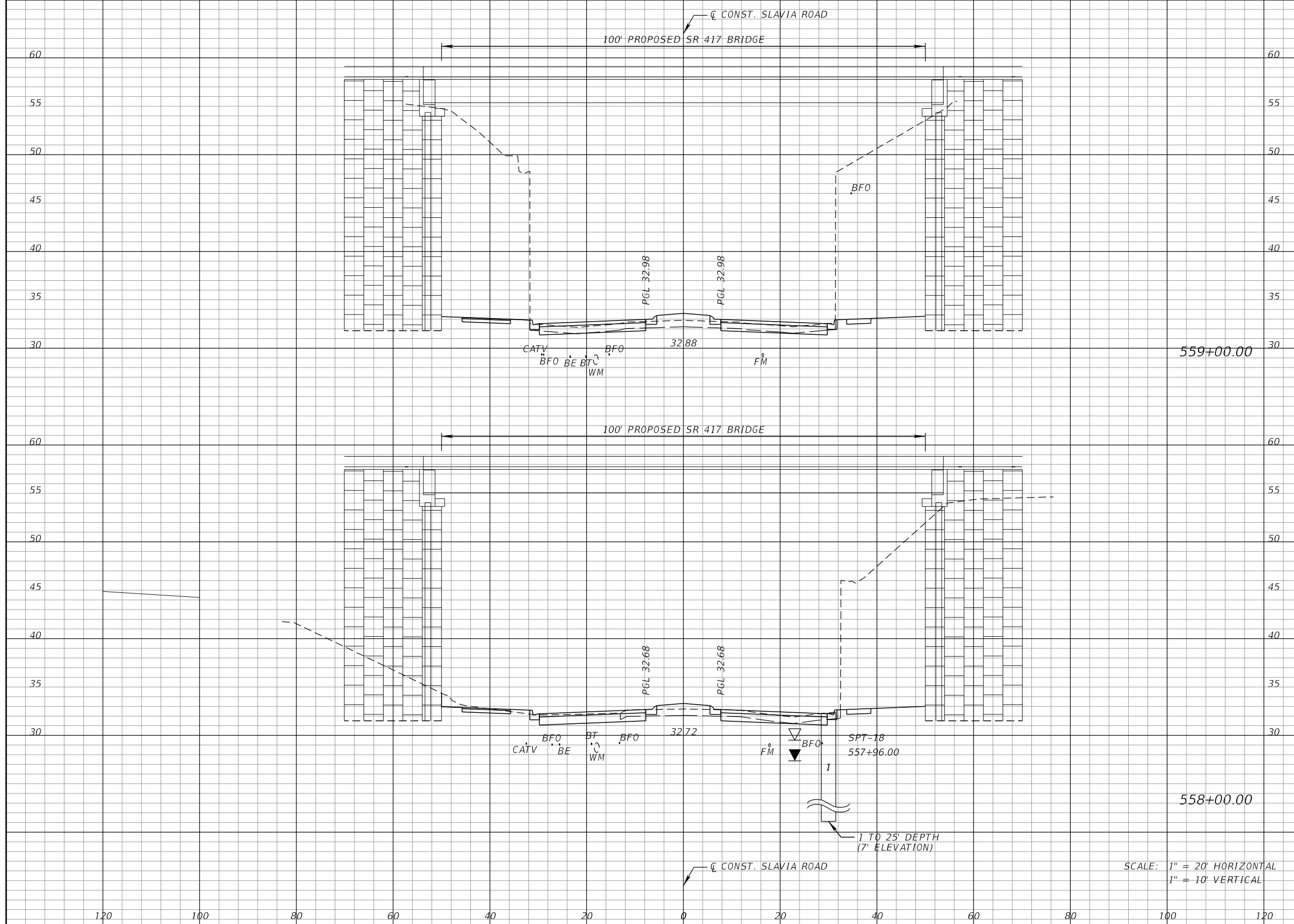
JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
88

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
717		1935		7	26
328		693		7	196

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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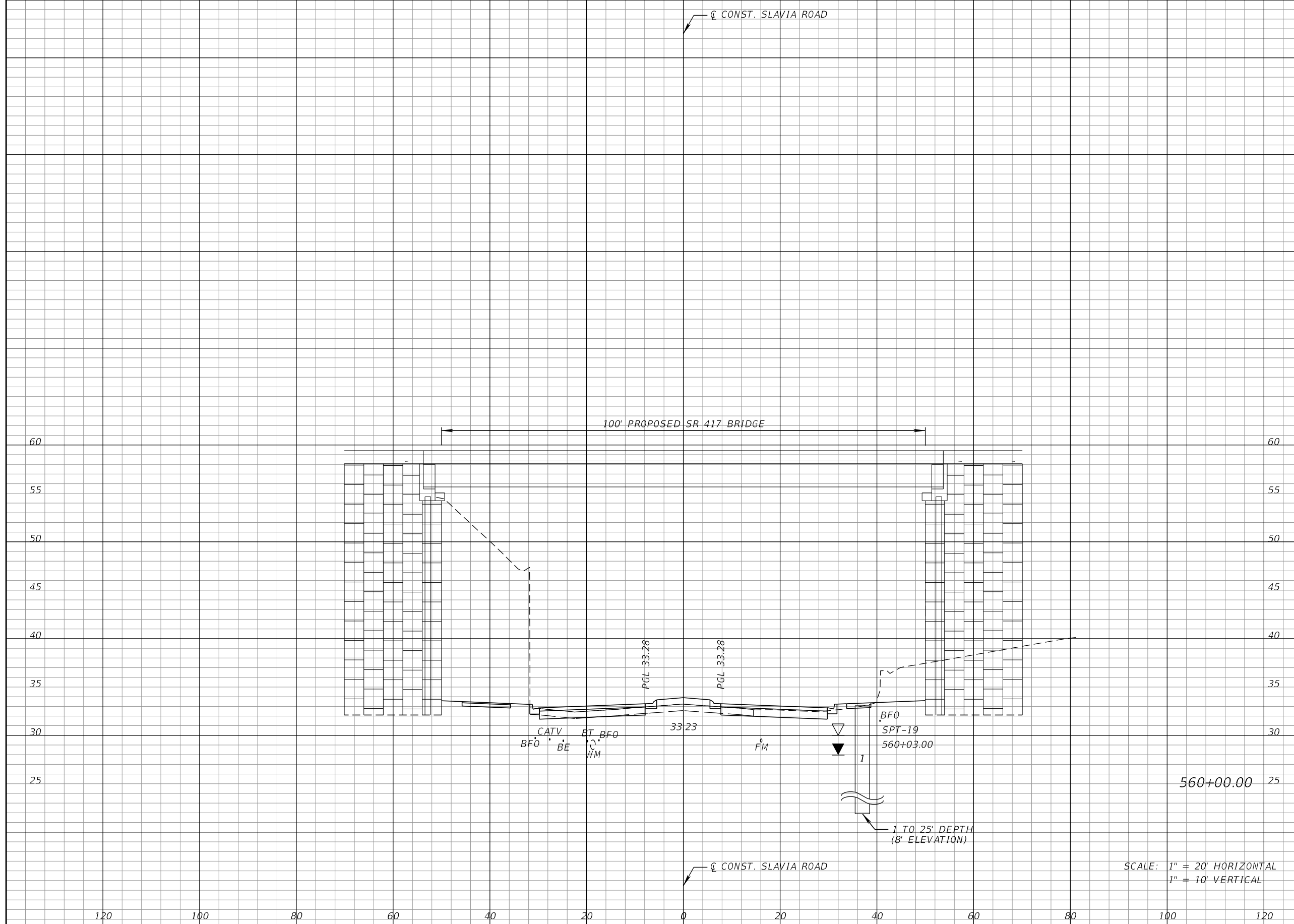
SEMINOLE COUNTY
SEMINOLE COUNTY
Florida's Future Starts Here

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
89

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Regular		Exc.		Embankment	
A	V	A	V	A	V
			2043	8	28
386					

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

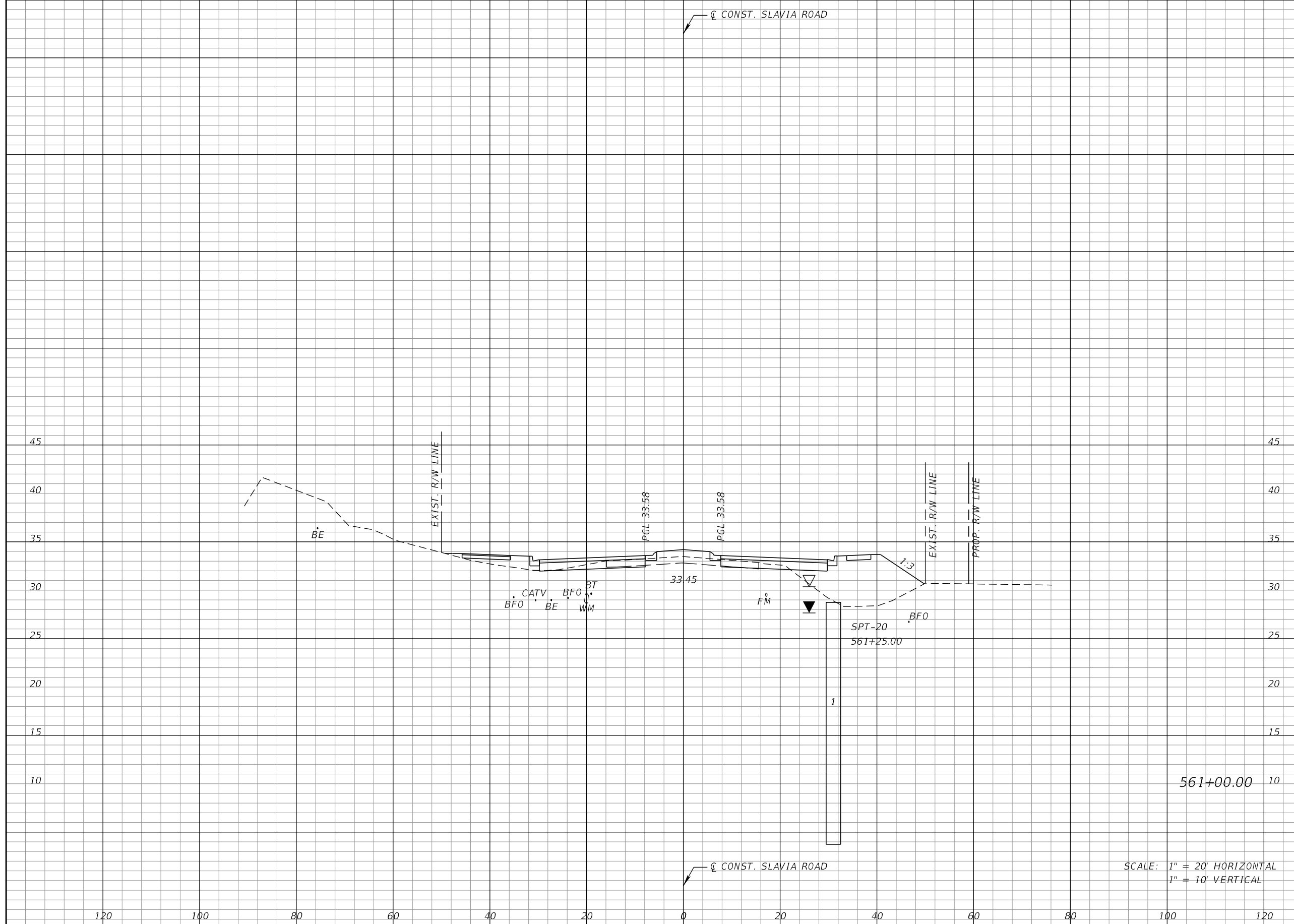
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ORLANDO, FL 32803

SEMINOLE COUNTY Florida's Future Starts Here		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
90

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Regular		Exc.		Embankment	
A	V	A	V	A	V
20		752		105	209

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

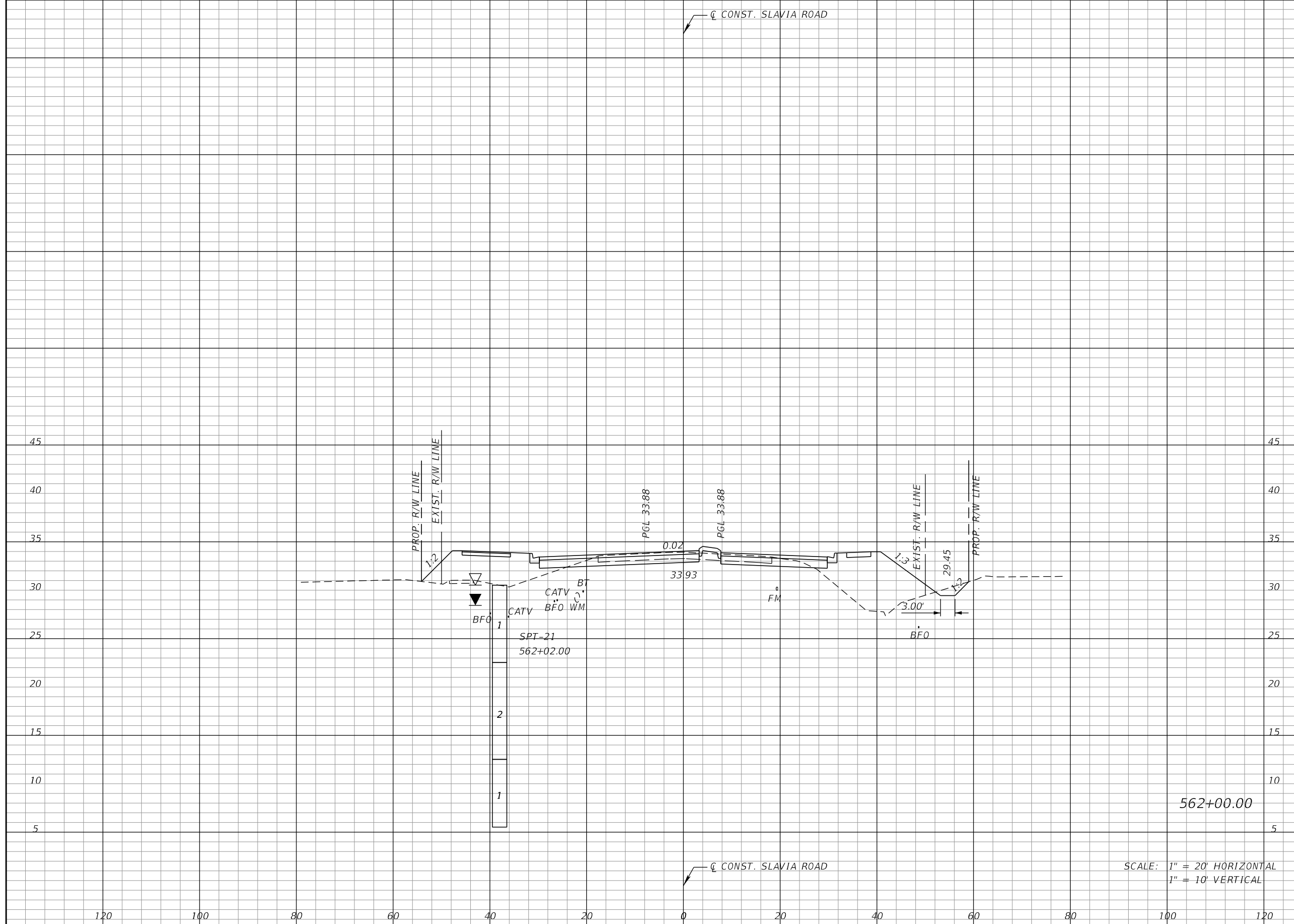
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SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
91

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Regular		Exc.		Embankment	
A	V	A	V	A	V
			115	141	456
42					

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

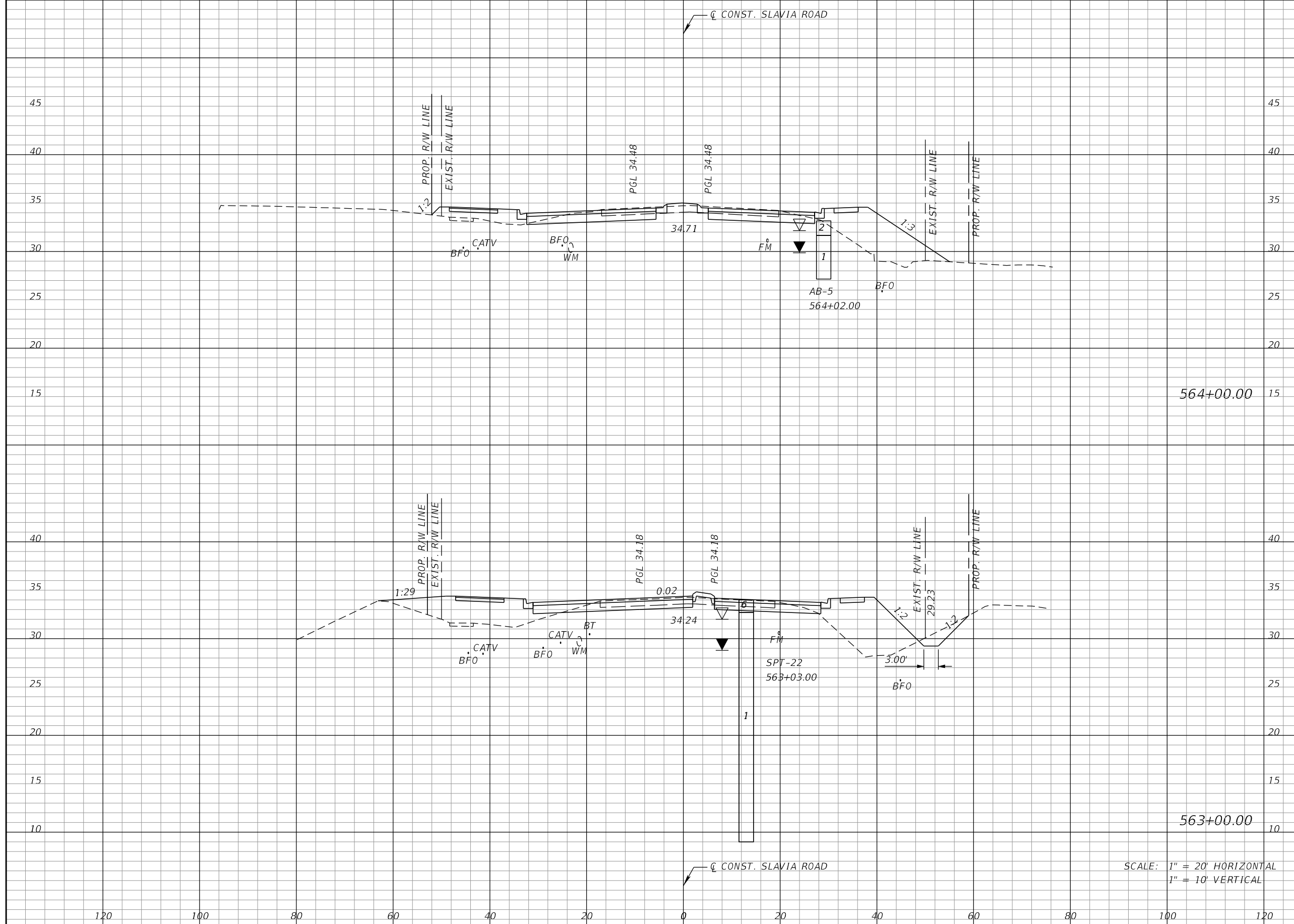
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SEMINOLE COUNTY		SEMINOLE COUNTY	
ROAD	COUNTY PROJECT NO.	CIP NO.	
SLAVIA	PS-2552-19/GCM	01785146	

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
92

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Regular		Exc.		Embankment	
A	V	A	V	A	V
53	194	91	419		
52	174	135	511		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

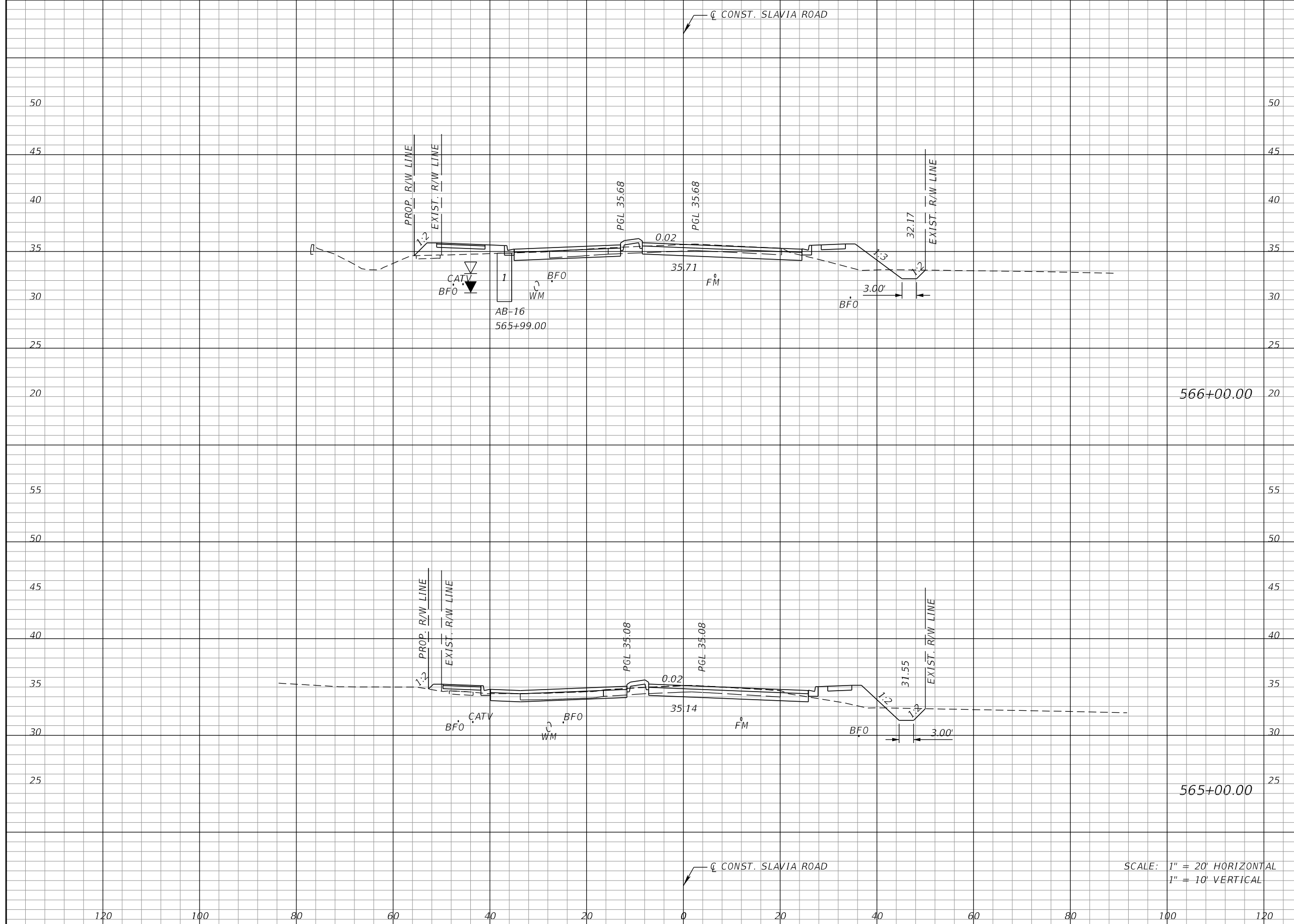
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SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET
 NO.
93

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Regular		Exc.		Embankment	
A	V	A	V	A	V
60		231		38	113
65		219		23	211

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

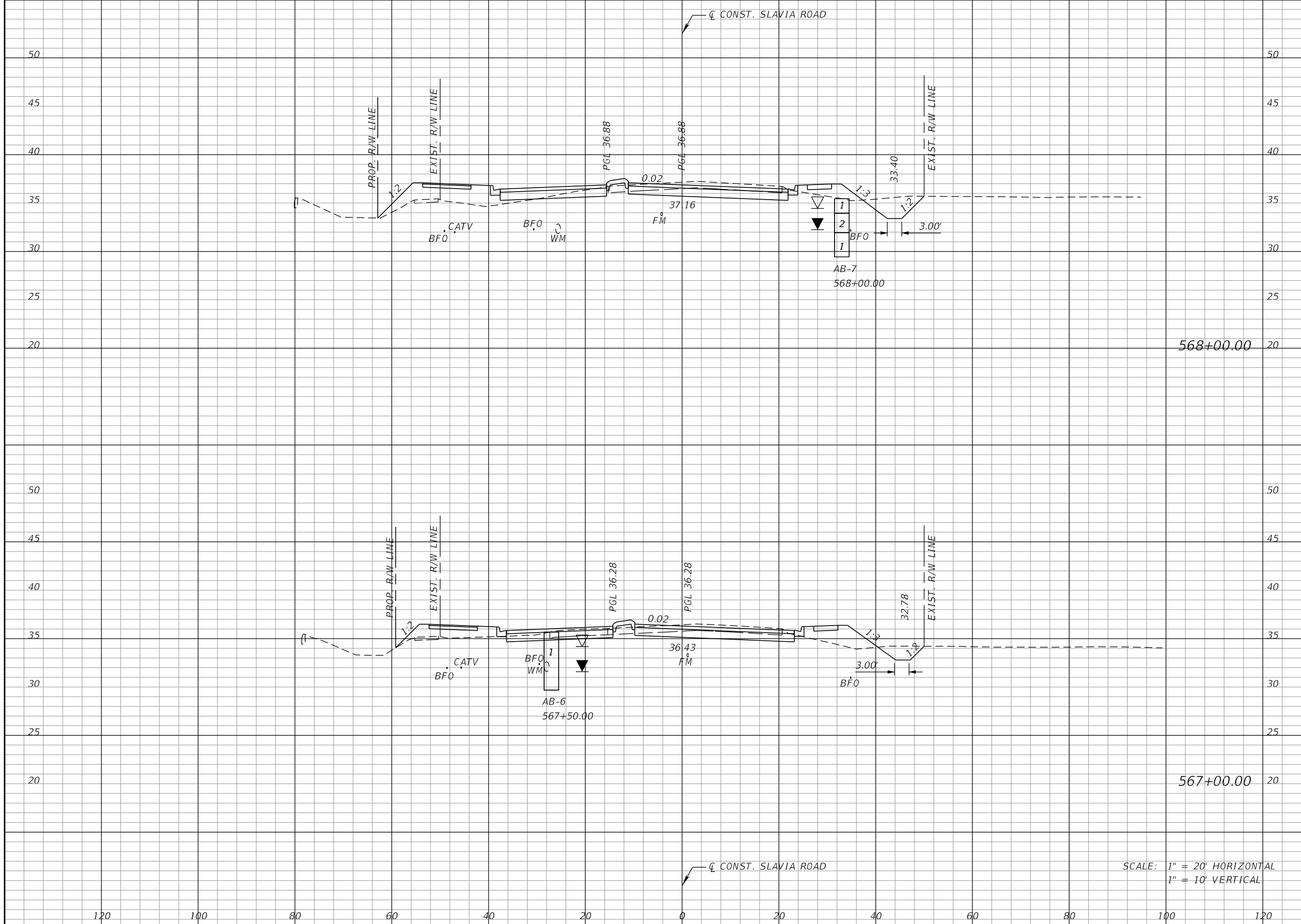
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SEMINOLE COUNTY <small>Florida's Future Starts Here</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET
NO.
94

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
70		256		47	154
68		237		36	137

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

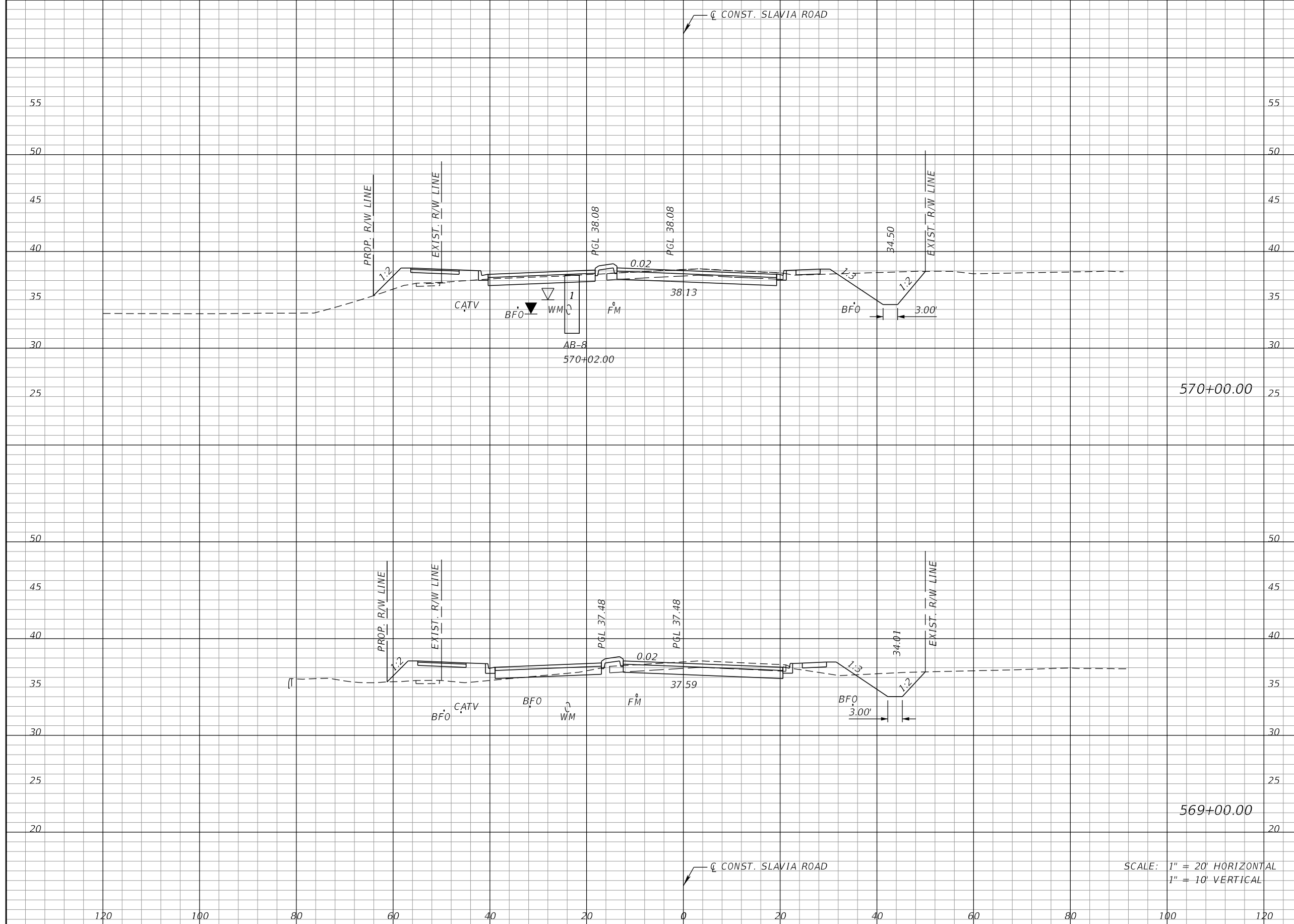
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SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
95

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Regular		Exc.		Embankment	
A	V	A	V	A	V
88	203	27		130	
66	252	43		167	

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

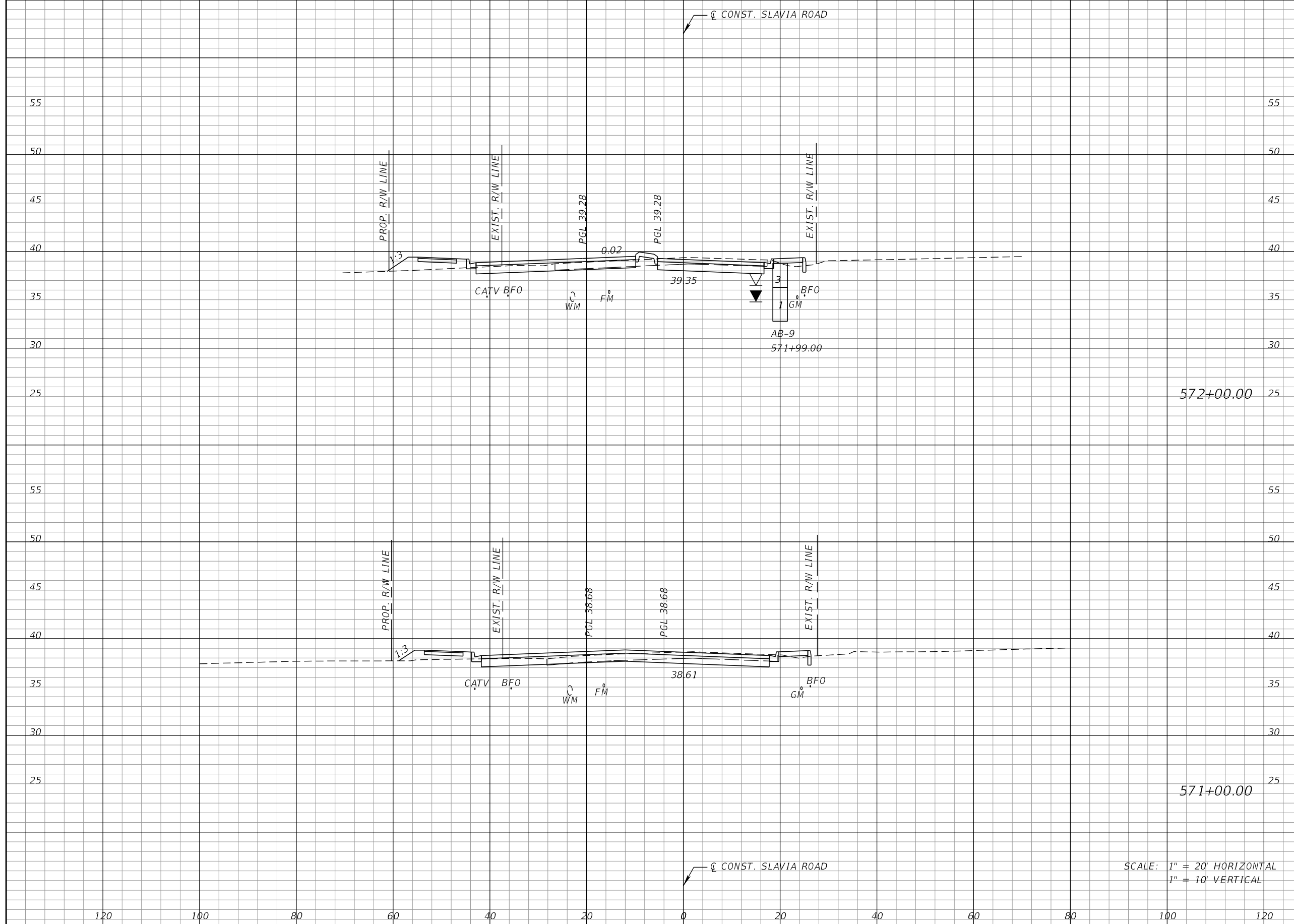
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P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
96

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Regular		Exc.		Embankment	
A	V	A	V	A	V
57	213	14	43		
58	270	9	67		

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

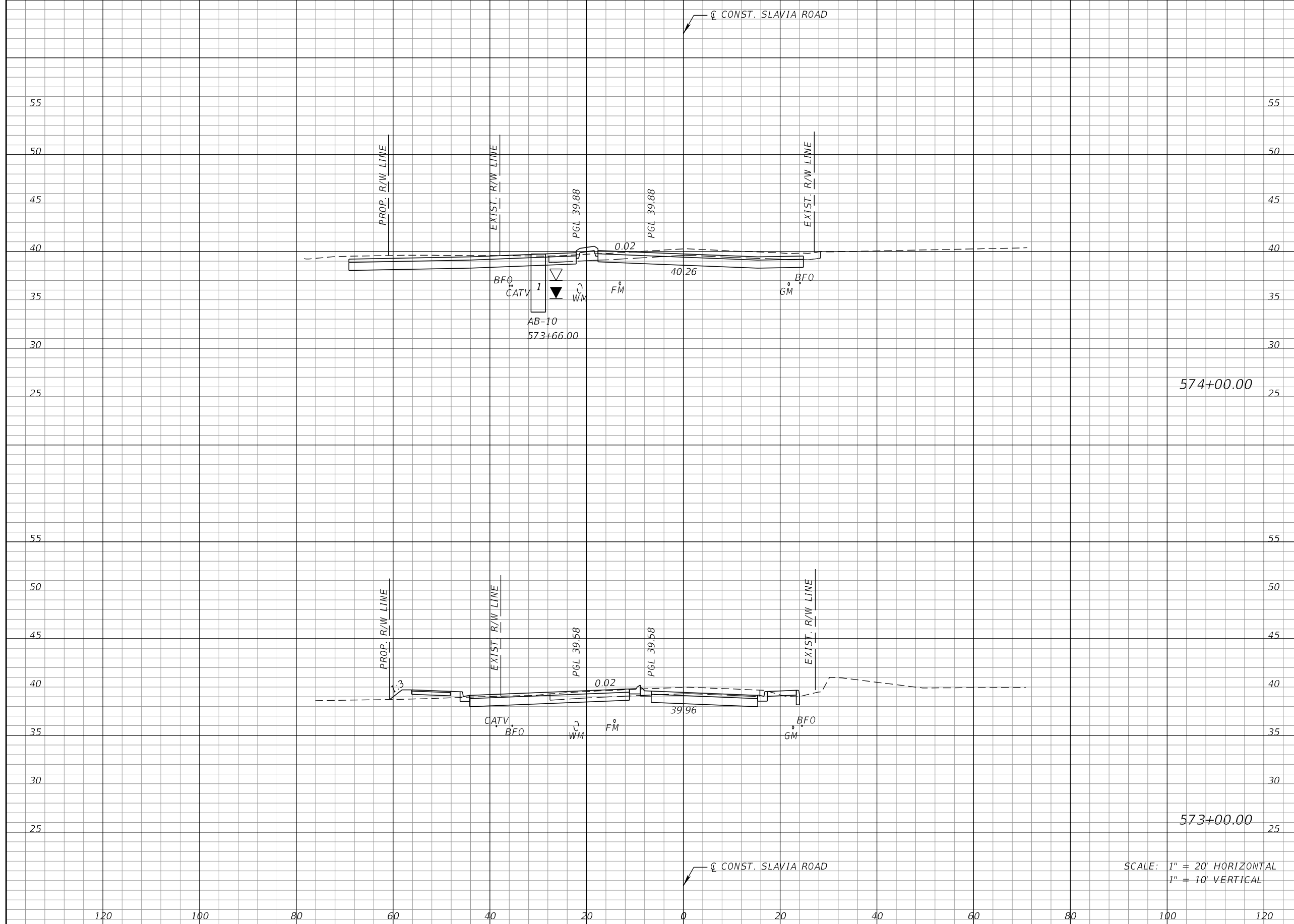
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SEMINOLE COUNTY <small>FLORIDA'S SAFARI CAPITAL</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET
NO.
97

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
122		356		1	15
70		235		7	39

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

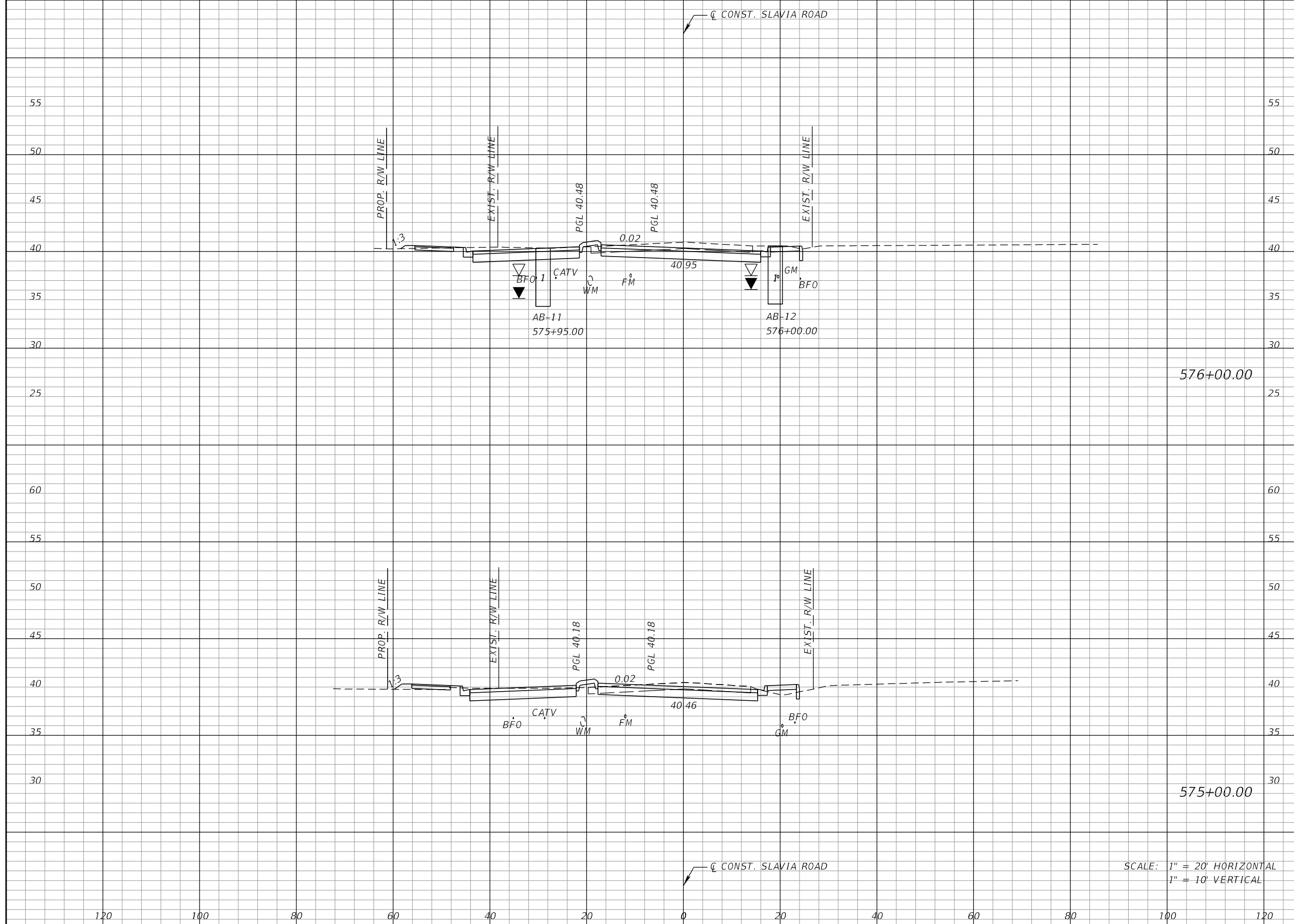
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SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
 98

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Regular		Exc.		Embankment	
A	V	A	V	A	V
80	263	1	15		
62	341	7	15		

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

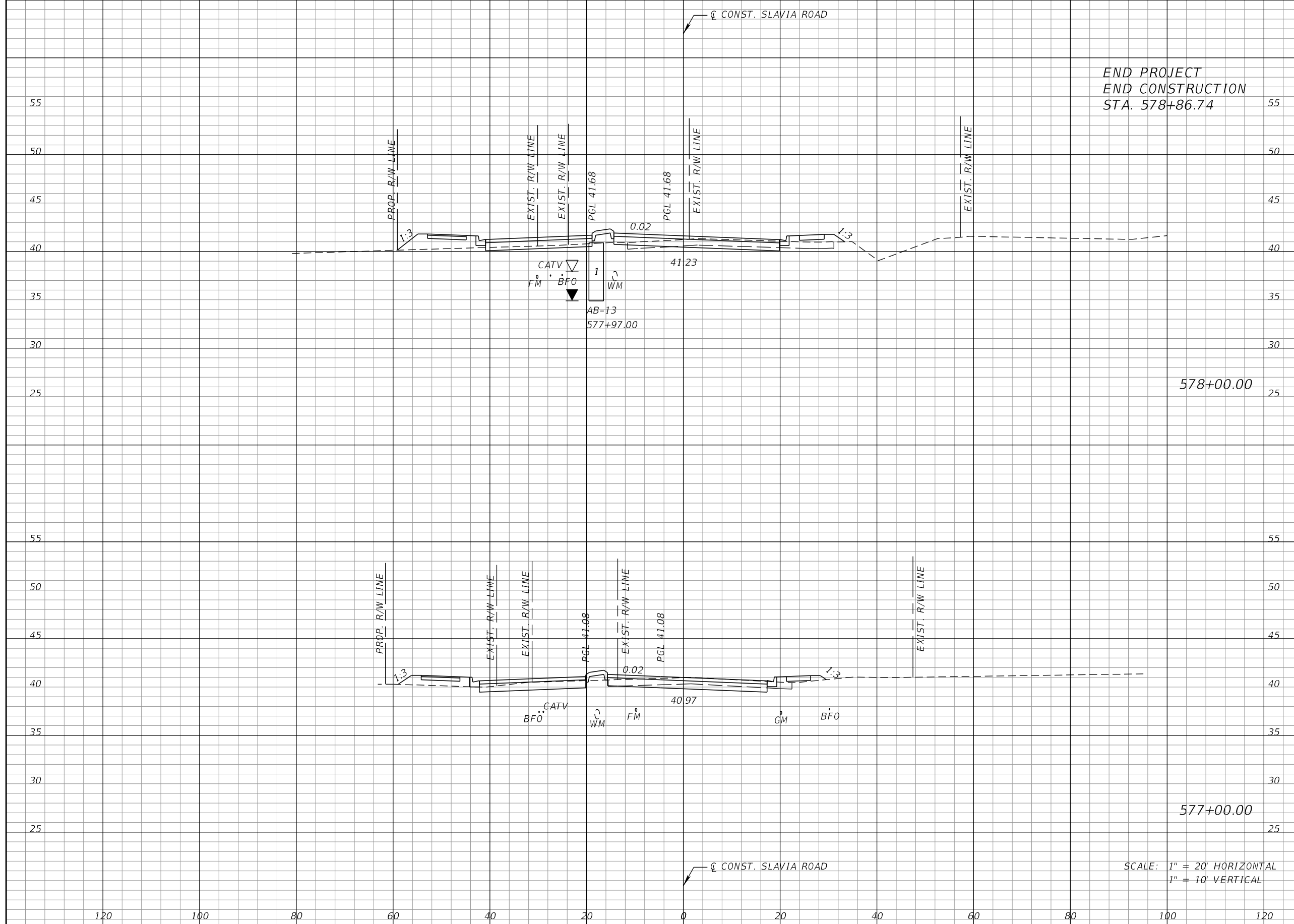
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P.E. LICENSE NUMBER 57501
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ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS
SLAVIA ROAD

SHEET NO.
99

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END PROJECT
END CONSTRUCTION
STA. 578+86.74

578+00.00

577+00.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular		Exc.		Embankment	
A	V	A	V	A	V
33	156	25	72		
51	243	14	28		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
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DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

CROSS SECTIONS SLAVIA ROAD		SHEET NO. 100
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2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVERING LOADED HAUL TRUCKS WITH TARPAULINS.
- * REMOVING EXCESS DIRT FROM ROADS DAILY.
- * STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.
- * USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

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

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

- Permit No. 22112-1: D.L.I. Properties 4-5
- Permit No. 22112-2: Oviedo Crossing MSSW Extension 4-5
- Permit No. 22112-17: 7-11 at Oviedo Marketplace 4-6
- Permit No. 156675-1: Race Trac #1338 Red Bug 4-6
- Permit No. 22537-1: R.D.C. Slavia Road (Villas at Lakeside) 4-6
- Permit No. 76172-1: Masters Academy 4-6
- Permit No. 71262-1: Lukas Nursery Gravel Parking 4-6
- Permit No. 22481-6: Stone Commercial Office Center 4-7
- Permit No. 22480-1: SR 426 Expansion 4-7
- Permit No. 95247-6: Cross Seminole Trail Phase II

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- * SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.
- * SEDIMENT BARRIERS: REMOVE SEDIMENT PER MANUFACTURER'S

RECOMMENDATIONS.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- * POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROLS.
- * STORMWATER MANAGEMENT SYSTEMS.
- * LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT DISTRICT 5 HAZARDOUS MATERIALS COORDINATOR AT (386) 943-5000.

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 101
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD PLANS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

SEMINOLE COUNTY PUBLIC WORKS PROPOSES CAPACITY IMPROVEMENTS FOR SLAVIA ROAD BETWEEN RED BUG LAKE ROAD AND SR 426, A DISTANCE OF 0.9 MILES. THE IMPROVEMENTS CONSIST OF WIDENING SLAVIA ROAD FROM TWO (2) TO FOUR (4) LANES. THIS INCLUDES CLOSED STORM SEWER SYSTEMS, ROADSIDE DITCHES FOR THE CONVEYANCE OF STORMWATER RUNOFF, AND THE CONSTRUCTION OF A WET DETENTION POND FOR STORMWATER TREATMENT AND ATTENUATION.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS A SEQUENCE IS PROPOSED THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.
2. CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.
3. STORM DRAIN AND ROADWAY UNDERDRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.
4. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, GRAVITY WALL, CURB, SUBGRADE, BASE, PAVEMENT, AND SIDEWALK.
5. CONSTRUCT UNDERDRAIN IN POND BOTTOM.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 28.08 ACRES
 TOTAL AREA TO BE DISTURBED: 28.08 ACRES

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:

BEFORE: 0.62
 DURING: VARIES FROM 0.62 TO 0.76
 AFTER: 0.76

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE RESULTS OF SOIL BORINGS DONE IN THE PONDS ARE SHOWN ON THE POND DETAIL SHEETS. THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE CLAYEY SANDS.
 OUTFALL INFORMATION:

THERE IS 1 OUTFALL.
 #1 DESCRIPTION: BEAR GULLY CREEK
 LOCATION: 28°38'53.4"N 81°14'29.3"W

1.E. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

* DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS. THE BACK OF SIDEWALK PROFILE SHEETS SHOW OVERLAND FLOW DIRECTION AT THE RIGHT OF WAY LINE. THE ARROWS ABOVE AND BELOW THE PROFILE REPRESENT THE FLOW DIRECTION AT THE LEFT AND RIGHT PROPERTY LINE, RESPECTIVELY. ARROWS POINTING TO THE PROFILE INDICATE RUNOFF COMING TO THE SITE. POINTING AWAY FROM THE SITE INDICATE RUNOFF LEAVING THE SITE.

*APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS. THERE ARE POND CROSS SECTIONS LOCATED WITH THE POND DETAIL SHEETS.

*AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS, THE CROSS SECTION SHEETS, AND THE POND DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

*AREAS NOT TO BE DISTURBED: ALL EXCEPT WHAT IS SHOWN TO BE DISTURBED IN THE ROADWAY OR DRAINAGE PLANS.

*LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE EROSION CONTROL SHEETS.

* LOCATIONS OF PERMANENT CONTROLS: THE STORMWATER PONDS ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN ON THE POND DETAIL SHEETS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS, THE PLAN-PROFILE SHEETS AND THE POND DETAIL SHEETS.

* SURFACE WATERS: BEAR GULLY CREEK

* DISCHARGE POINTS TO SURFACE WATERS: THERE IS ONLY ONE. THE POND OUTFALL AND DITCHES DISCHARGE TO BEAR GULLY CREEK.

1.F. RECEIVING WATERS:

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THERE ARE NO WETLAND AREAS ON THE PROJECT SITE.

2.0 CONTROLS:

2.A EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

- * ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.
- * TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

- * ASPHALT OR CONCRETE SURFACE.
- * SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

- * SEDIMENT BARRIERS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

- * INLET PROTECTION IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIAL DETAILS SHOWN IN THE TTC PLAN.

- * SEDIMENT CONTAINMENT SYSTEM: THE PERMANENT STORMWATER POND WILL BE TEMPORARILY MODIFIED ACCORDING TO THE DETAILS IN THE TTC PLAN.

PERMANENT:

- * SOD.

2.B STORMWATER MANAGEMENT: WATER QUALITY TREATMENT AND RUNOFF ATTENUATION WILL BE PROVIDED USING WET DETENTION PONDS.

2.C OTHER CONTROLS: N/A

2.C.1 WASTE DISPOSAL:

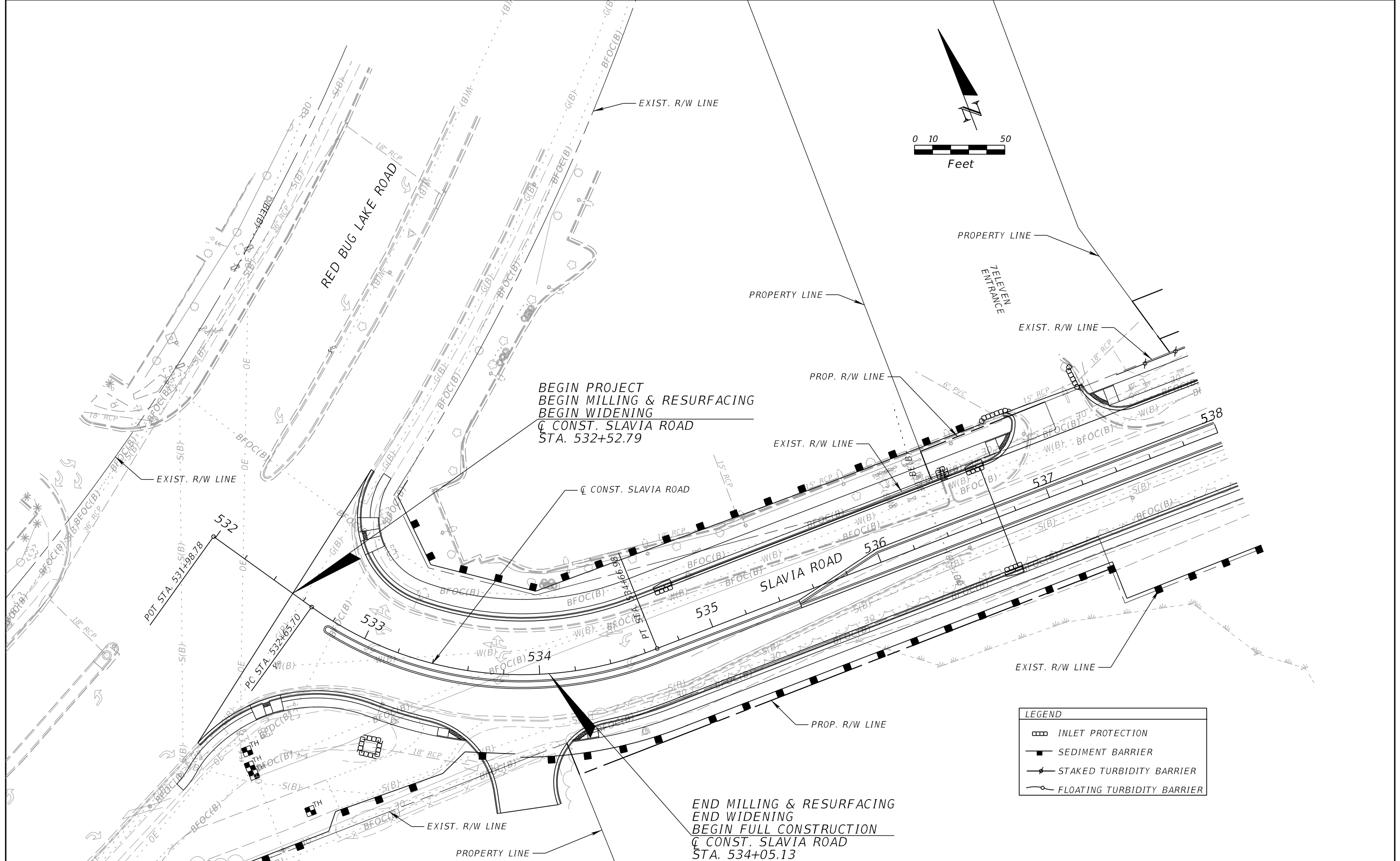
IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- * PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

- * DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

- * DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <i>Florida's Suncoast</i>			SHEET NO. 102
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	



BEGIN PROJECT
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 C CONST. SLAVIA ROAD
 STA. 532+52.79

END MILLING & RESURFACING
 END WIDENING
 BEGIN FULL CONSTRUCTION
 C CONST. SLAVIA ROAD
 STA. 534+05.13

LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

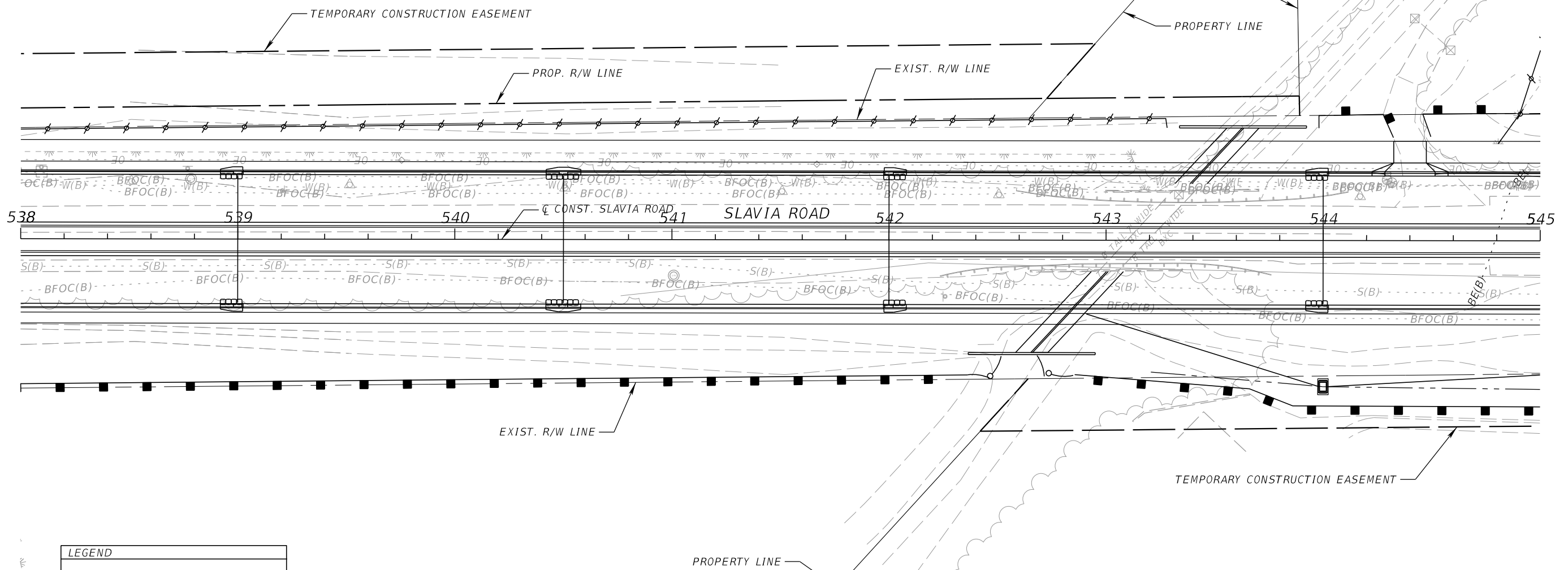
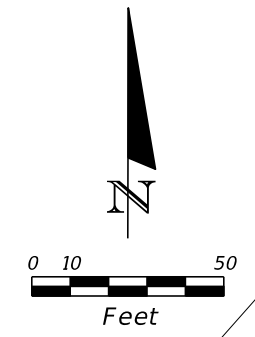
SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE STATE	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

**EROSION AND SEDIMENT
 CONTROL PLAN (1)**

SHEET
 NO.
 103

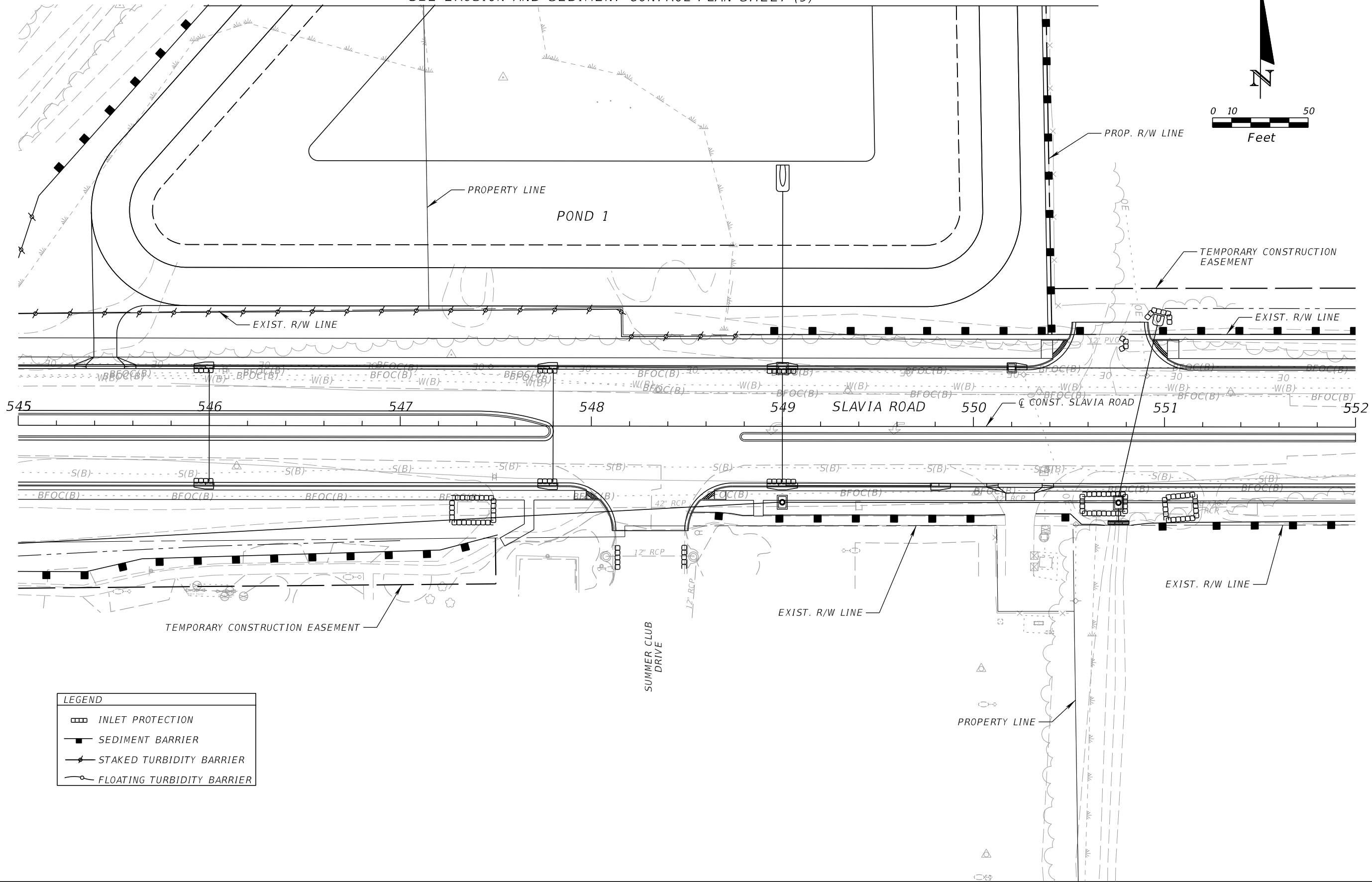
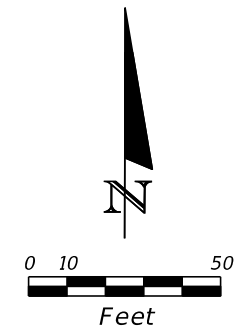
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LEGEND			
	INLET PROTECTION		
	SEDIMENT BARRIER		
	STAKED TURBIDITY BARRIER		
	FLOATING TURBIDITY BARRIER		

REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY SEMINOLE COUNTY TRAFFIC SAFETY CENTER			EROSION AND SEDIMENT CONTROL PLAN (2)	SHEET NO. 104
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

MATCH LINE
SEE EROSION AND SEDIMENT CONTROL PLAN SHEET (9)



LEGEND			
	INLET PROTECTION		
	SEDIMENT BARRIER		
	STAKED TURBIDITY BARRIER		
	FLOATING TURBIDITY BARRIER		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

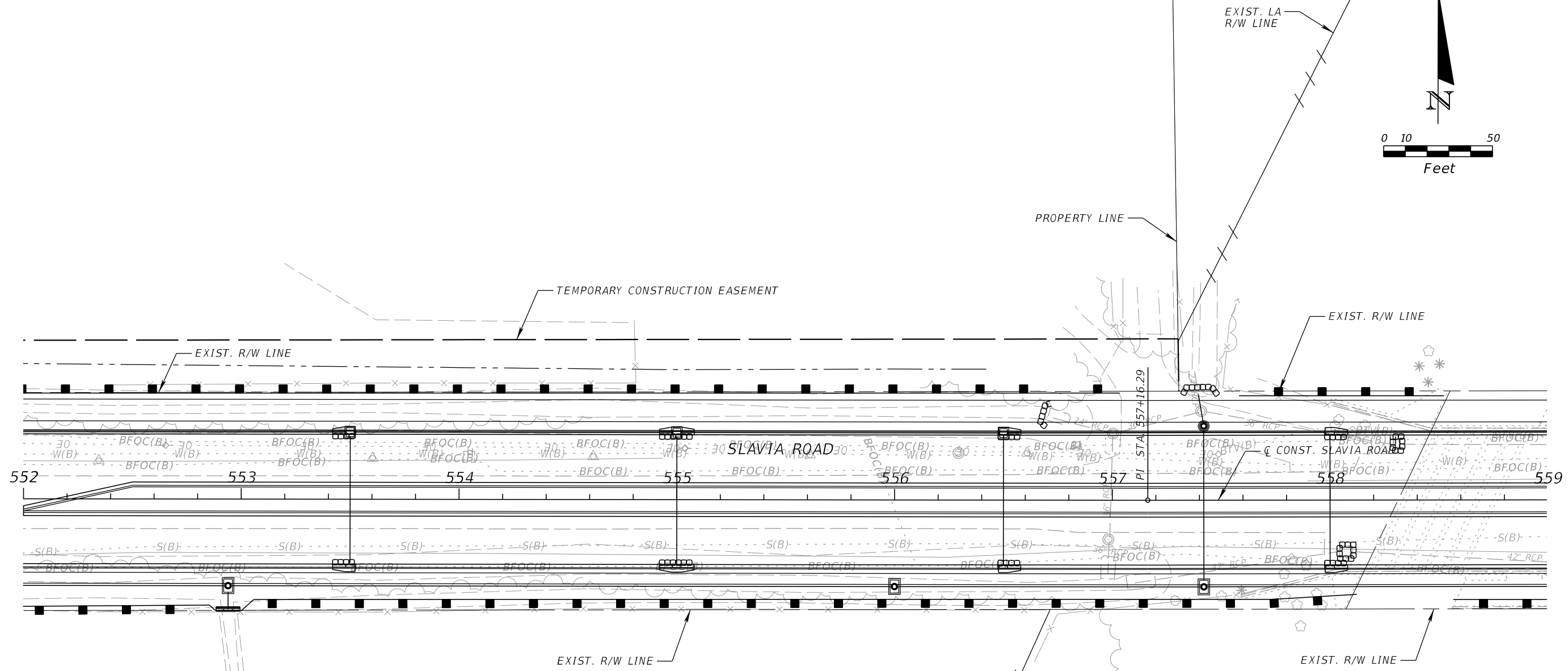
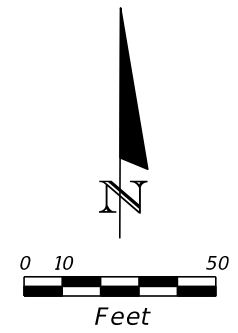
SEAN CARRIGAN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

		SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**EROSION AND SEDIMENT
CONTROL PLAN (3)**

SHEET NO.
105

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LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

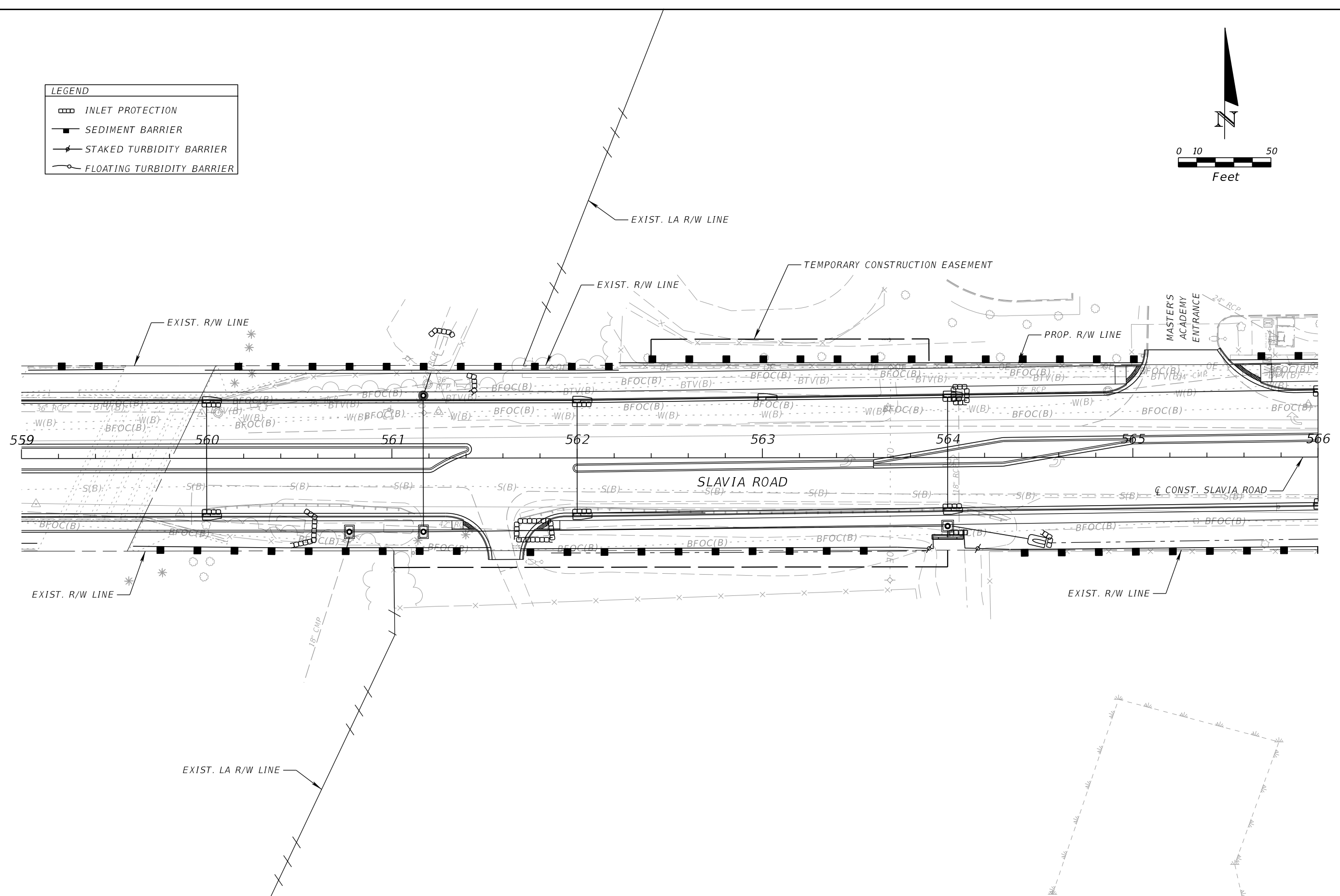
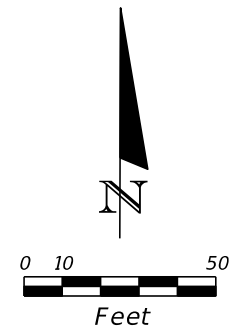
SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

**EROSION AND SEDIMENT
 CONTROL PLAN (4)**

SHEET NO.
 106

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LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SEAN CARRIGAN, P.E.
P.E. LICENSE NUMBER 73041
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	01785146

**EROSION AND SEDIMENT
CONTROL PLAN (5)**

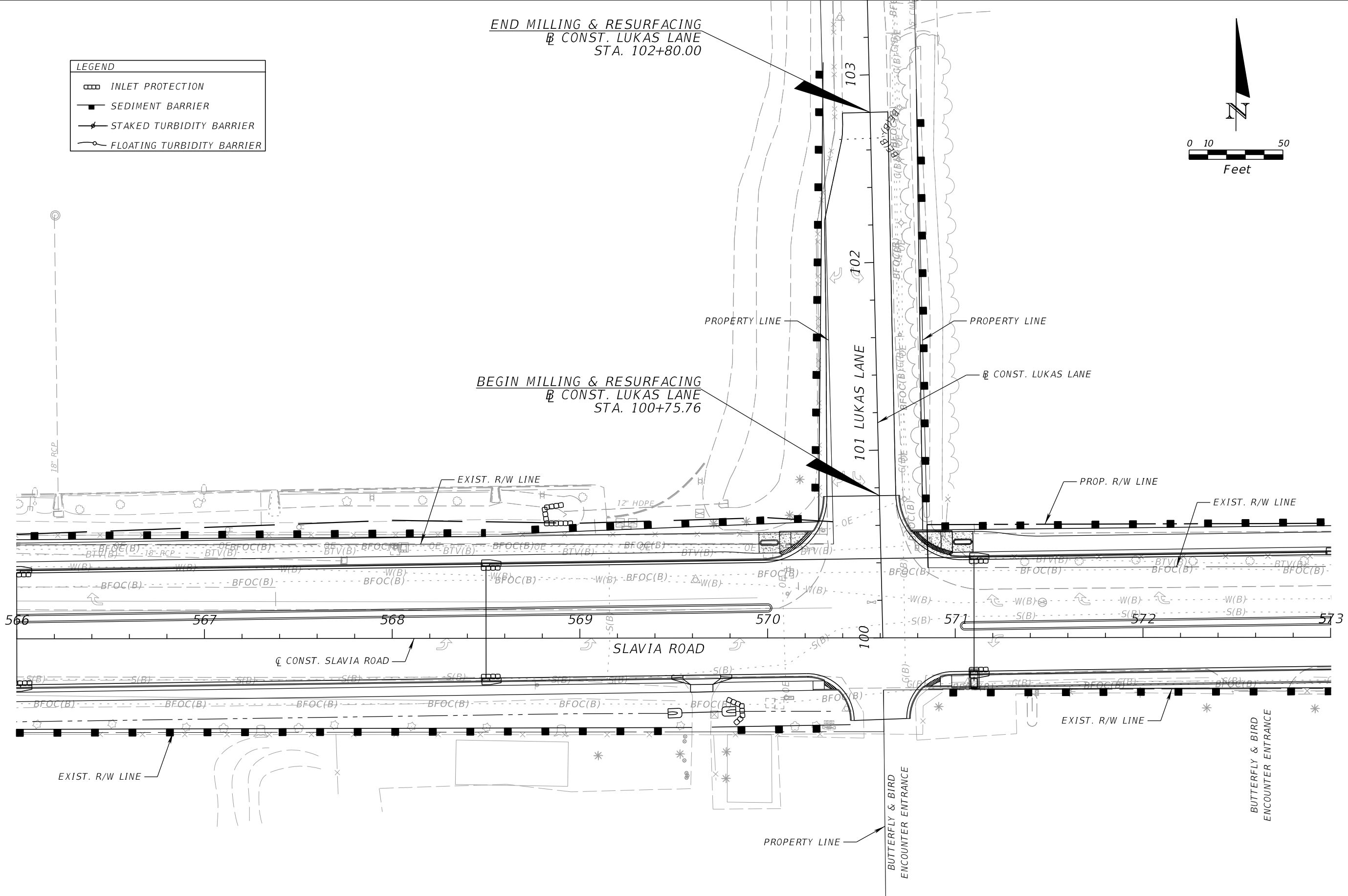
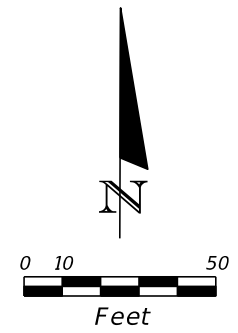
SHEET NO.
107

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LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER

END MILLING & RESURFACING
 @ CONST. LUKAS LANE
 STA. 102+80.00

BEGIN MILLING & RESURFACING
 @ CONST. LUKAS LANE
 STA. 100+75.76



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

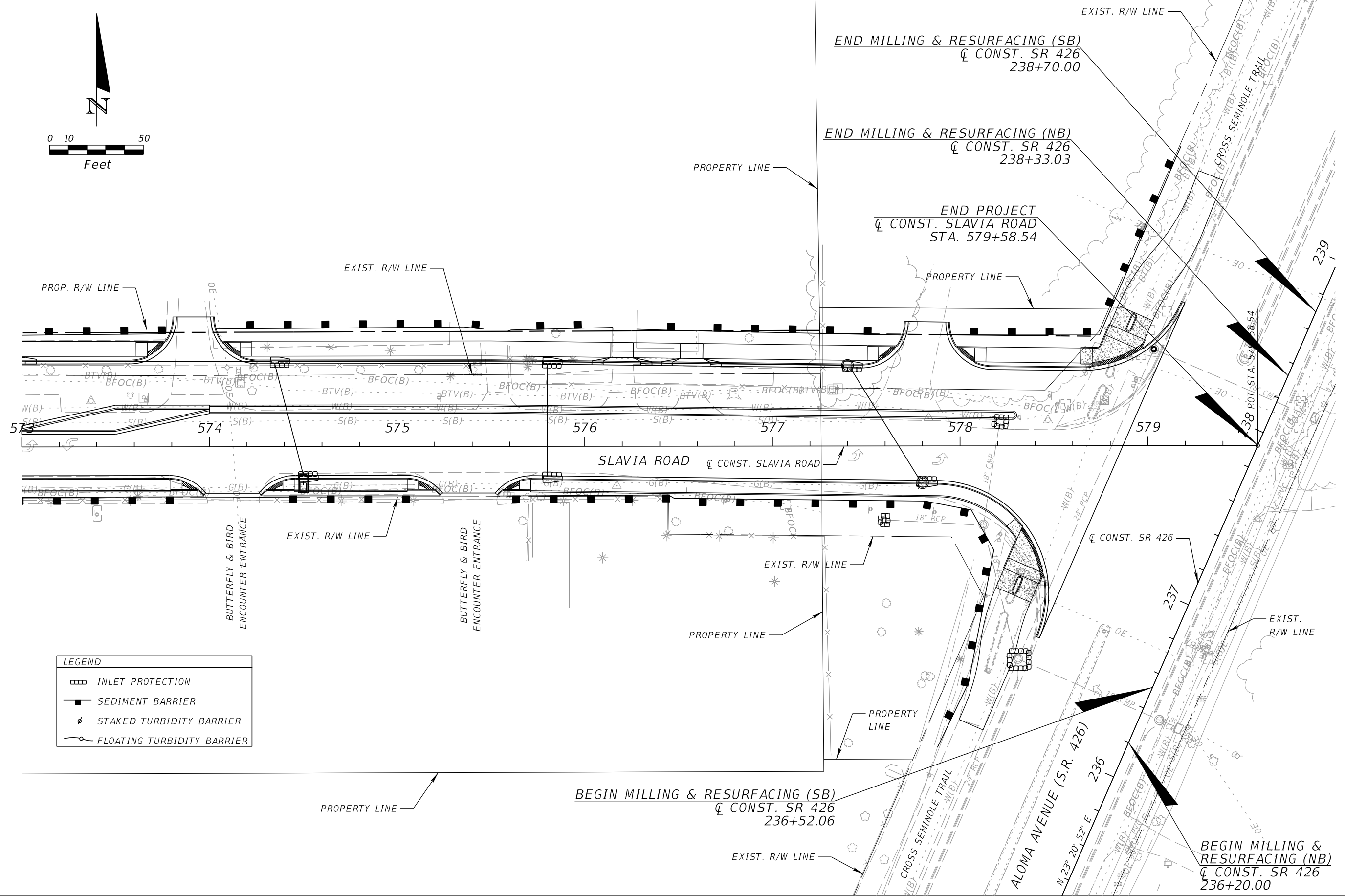
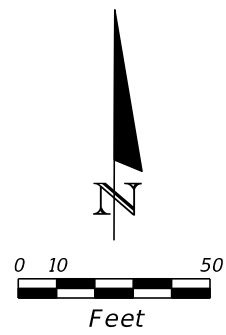
SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SOURCE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**EROSION AND SEDIMENT
 CONTROL PLAN (6)**

SHEET
 NO.
 108

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LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

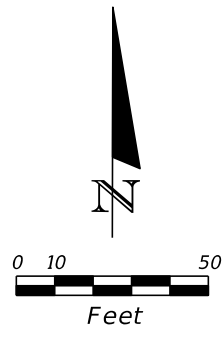
SEAN CARRIGAN, P.E.
 P.E. LICENSE NUMBER 73041
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

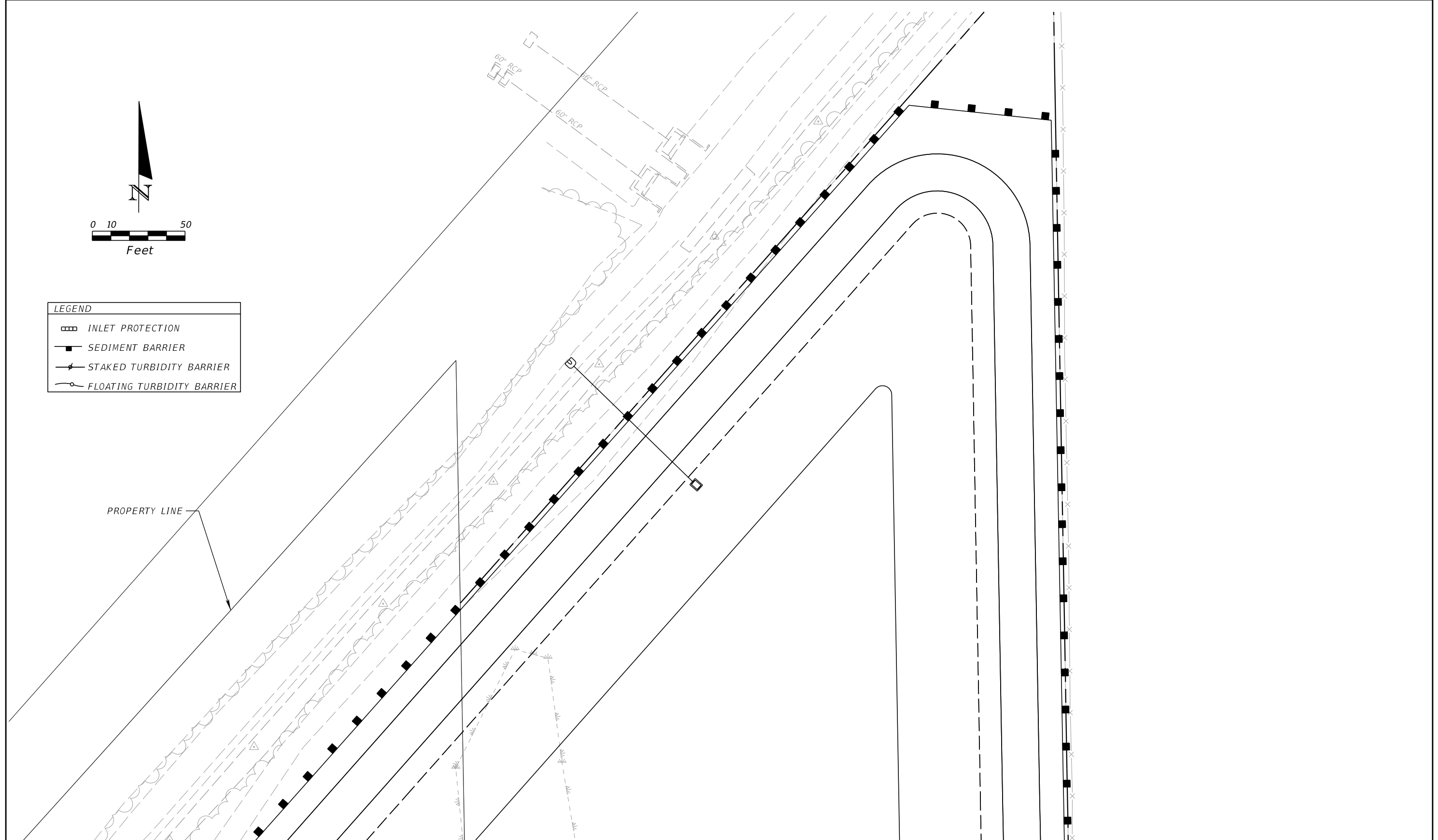
**EROSION AND SEDIMENT
 CONTROL PLAN (7)**

SHEET NO.
 109

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LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER
	FLOATING TURBIDITY BARRIER



MATCH LINE
SEE EROSION AND SEDIMENT CONTROL PLAN SHEET (3)









REVISIONS				SEAN CARRIGAN, P.E. P.E. LICENSE NUMBER 73041 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>			EROSION AND SEDIMENT CONTROL PLAN (8)	SHEET NO. 110
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

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GENERAL NOTES

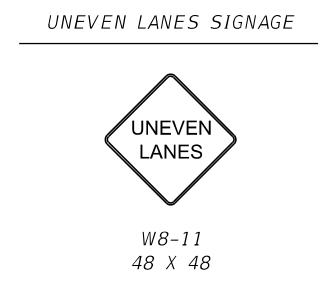
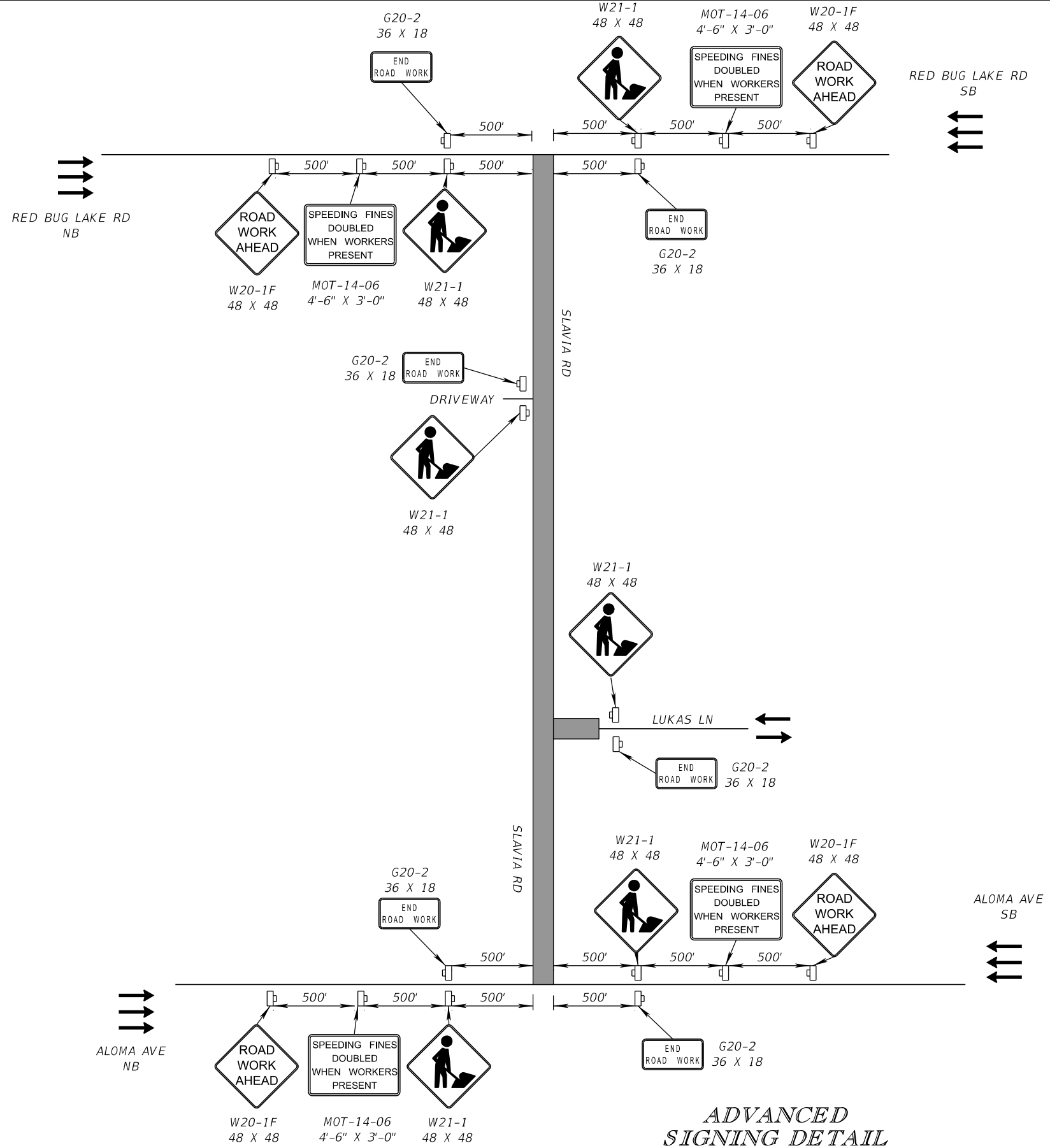
1. THE REGULATORY SPEED LIMIT THROUGH THE WORK ZONE IN THIS PROJECT SHALL BE MAINTAINED AT THE FOLLOWING POSTED SPEEDS UNLESS OTHERWISE SHOWN ON PLANS:
 SLAVIA RD -- 45 MPH
 ALOMA AVE -- 45 MPH
 RED BUG LAKE RD -- 45 MPH
2. MILLING AND RESURFACING OF STRUCTURAL COURSE SHOULD BEGIN FROM THE LOWEST LANE TO THE HIGHEST LANE. RESURFACING PHASING OF FRICTION COURSE SHALL BEGIN FROM THE HIGHEST LANE TO THE LOWEST LANE.
3. TRAFFIC CONTROL FOR SIDE STREET INTERSECTIONS SHALL BE IN ACCORDANCE WITH THE STANDARD PLANS AS APPLICABLE.
4. FLAGGING OPERATIONS SHALL ADHERE TO THE LANE CLOSURE RESTRICTION TIMES AND BE INSTALLED PER THE STANDARD PLANS. PERMITTED TIMES FOR CLOSURES ARE:
 SLAVIA RD (SINGLE LANE): 8:00 PM TO 6:00 AM
5. ROAD CLOSURES SHALL ADHERE TO THE ROAD CLOSURE RESTRICTION TIMES AND BE INSTALLED PER THE STANDARD PLANS AND MUTCD CHAPTER 6. PERMITTED TIMES FOR CLOSURES ARE:
 SLAVIA RD (ROAD CLOSURE): 10:00 PM TO 5:00 AM
6. ALTERNATE MESSAGES MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO CHANGING THE PORTABLE CHANGEABLE MESSAGE (PCMS) SIGNS
7. TEMPORARY PAINT SHALL NOT BE PLACED ON ANY PERMANENT SURFACE (I.E. FRICTION COURSE AND/OR CONCRETE) THAT DOES NOT MATCH FINAL PAVEMENT MARKINGS.
8. ARROWS (→) DENOTE THE DIRECTION OF TRAFFIC AND NUMBER OF LANES ONLY AND DO NOT REFLECT ACTUAL PAVEMENT MARKINGS
9. ANY TRAFFIC CONTROL DEVICES SUCH AS BARRELS, TEMPORARY PAVEMENT, SIGNAGE, ETC. IS TO BE PAID UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
10. ALL TEMPOARY PAVEMENT SHOULD CONSIST OF A 6" LIMEROCK BASE ON A COMPACTED SUB-GRADE WITH A 2" LIFT OF ASPHALT.

TRAFFIC CONTROL LEGEND

- | | | | |
|---|--|---|-----------------------------|
|  | PCMS |  | ADVANCE WARNING ARROW PANEL |
|  | LANE IDENTIFICATION AND DIRECTION OF TRAFFIC |  | WORK ZONE |
|  | CHANNELIZING DEVICE:
TYPES I, II, DI, VP, DRUM, VEHICULAR LCD |  | TEMPORARY PAVEMENT |
|  | CHANNELIZING DEVICE: TYPE III - 6' | | |
|  | WORK ZONE SIGN | | |

TRAFFIC CONTROL GENERAL NOTES

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		111
					SLAVIA	PS-2552-19/GCM	01785146		



FOR USAGE AND SPACING REQUIREMENTS,
REFER TO STANDARD PLANS INDEX 102-600

**ADVANCED
SIGNING DETAIL**

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <i>Florida's Future Starts Here</i>			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		112

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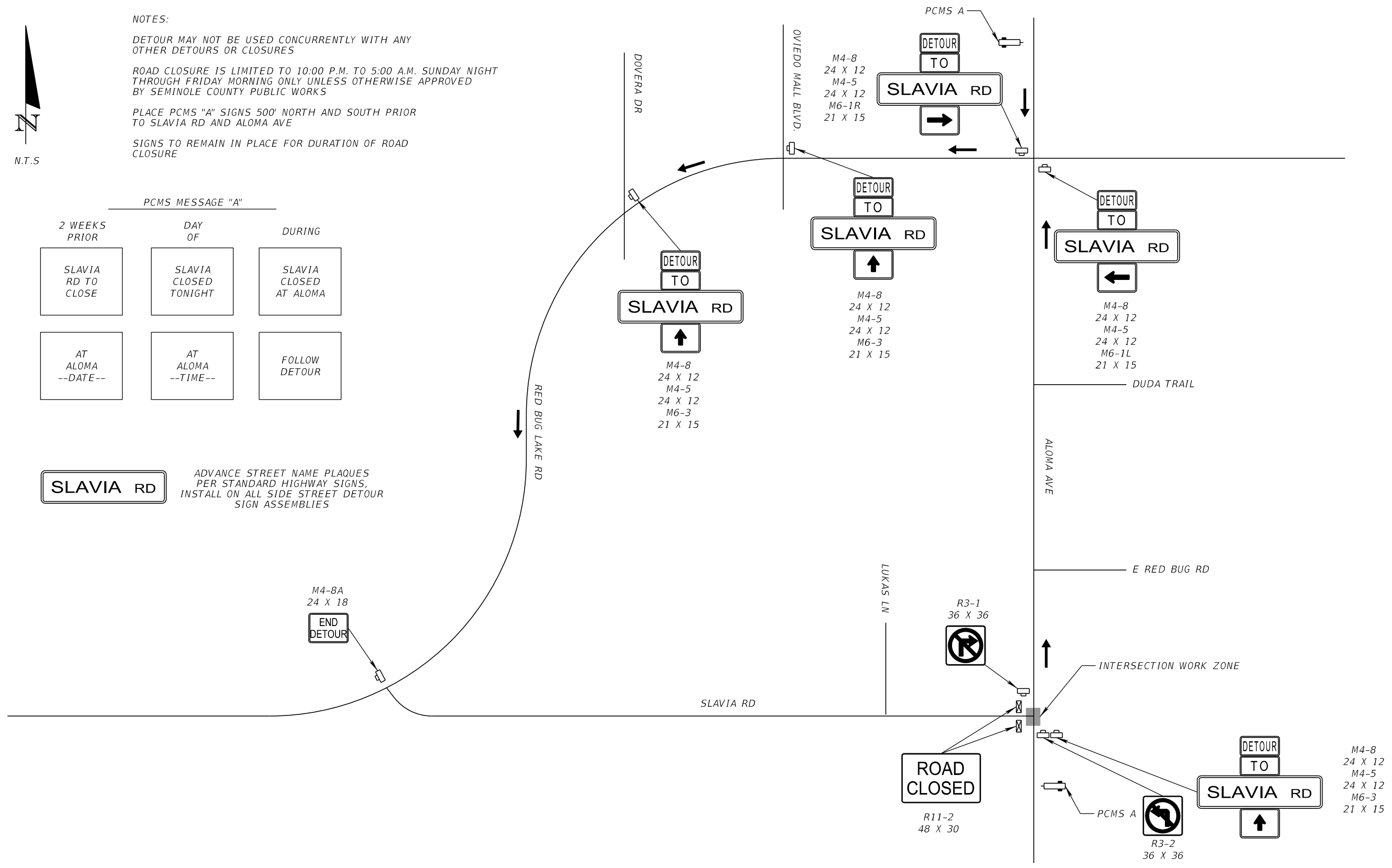


NOTES:
 DETOUR MAY NOT BE USED CONCURRENTLY WITH ANY OTHER DETOURS OR CLOSURES
 ROAD CLOSURE IS LIMITED TO 10:00 P.M. TO 5:00 A.M. SUNDAY NIGHT THROUGH FRIDAY MORNING ONLY UNLESS OTHERWISE APPROVED BY SEMINOLE COUNTY PUBLIC WORKS
 PLACE PCMS "A" SIGNS 500' NORTH AND SOUTH PRIOR TO SLAVIA RD AND ALOMA AVE
 SIGNS TO REMAIN IN PLACE FOR DURATION OF ROAD CLOSURE

PCMS MESSAGE "A"

2 WEEKS PRIOR	DAY OF	DURING
SLAVIA RD TO CLOSE	SLAVIA CLOSED TONIGHT	SLAVIA CLOSED AT ALOMA
AT ALOMA --DATE--	AT ALOMA --TIME--	FOLLOW DETOUR

SLAVIA RD
 ADVANCE STREET NAME PLAQUES PER STANDARD HIGHWAY SIGNS. INSTALL ON ALL SIDE STREET DETOUR SIGN ASSEMBLIES



SLAVIA RD AT ALOMA AVE
 DETOUR DETAIL

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM		01785146

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NOTES:

DETOUR MAY NOT BE USED CONCURRENTLY WITH ANY OTHER DETOURS OR CLOSURES

ROAD CLOSURE IS LIMITED TO 10:00 P.M. TO 5:00 A.M. SUNDAY NIGHT THROUGH FRIDAY MORNING ONLY UNLESS OTHERWISE APPROVED BY SEMINOLE COUNTY PUBLIC WORKS

PLACE PCMS "A" SIGNS 500' NORTH AND SOUTH PRIOR TO RED BUG LAKE RD AND SLAVIA RD

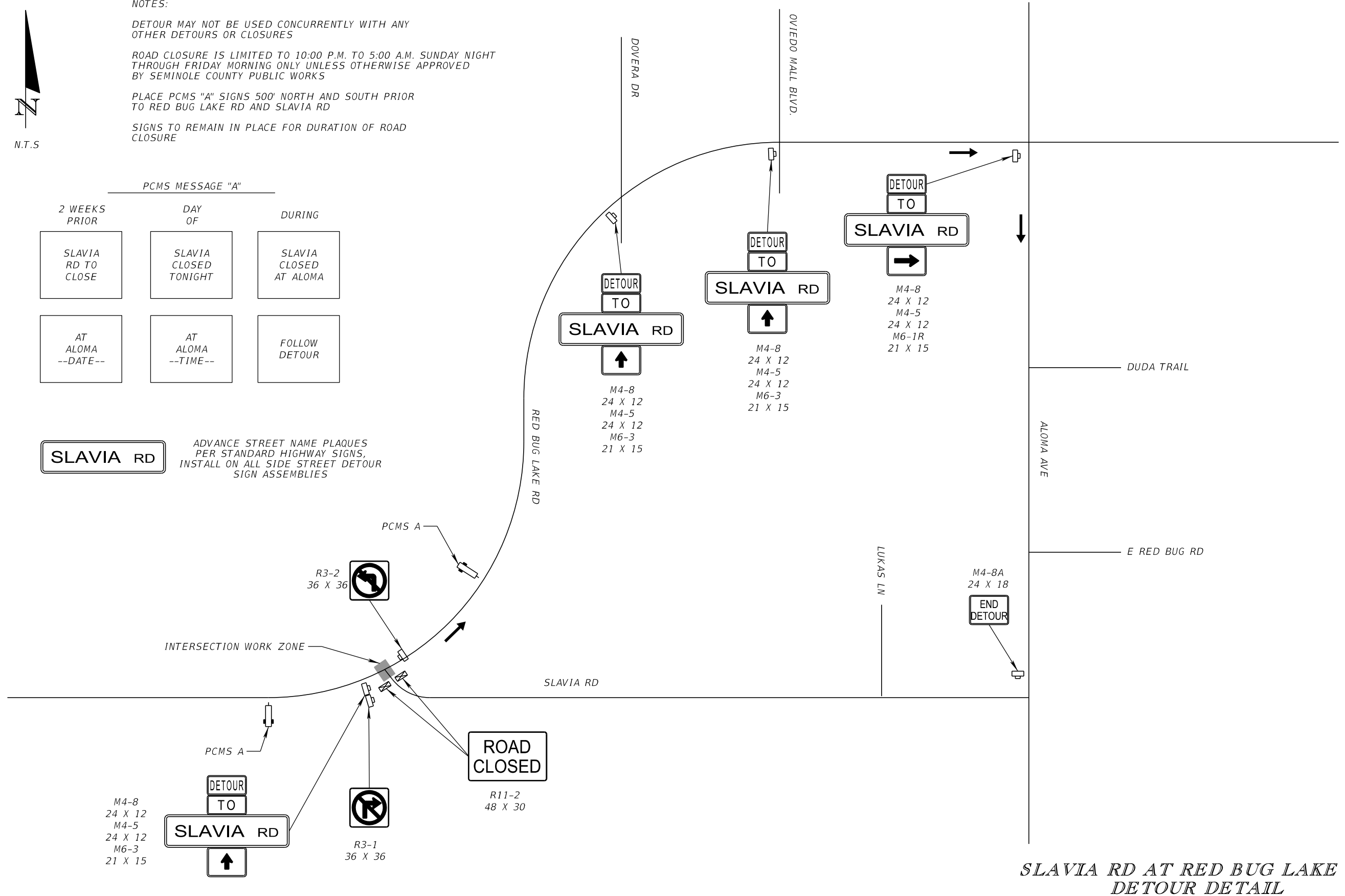
SIGNS TO REMAIN IN PLACE FOR DURATION OF ROAD CLOSURE

PCMS MESSAGE "A"

2 WEEKS PRIOR	DAY OF	DURING
SLAVIA RD TO CLOSE	SLAVIA CLOSED TONIGHT	SLAVIA CLOSED AT ALOMA
AT ALOMA --DATE--	AT ALOMA --TIME--	FOLLOW DETOUR



ADVANCE STREET NAME PLAQUES PER STANDARD HIGHWAY SIGNS, INSTALL ON ALL SIDE STREET DETOUR SIGN ASSEMBLIES



**SLAVIA RD AT RED BUG LAKE RD
DETOUR DETAIL**

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM		CIP NO. 01785146

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PHASE NOTES:

PHASE I-A (NOT SHOWN)

BEGIN CLEARING AND GRUBBING

SETUP ADVANCE WARNING SIGNS AND TRAFFIC CONTROL

DEVICES PER THE PLAN DETAILS AND APPLICABLE STANDARD PLANS

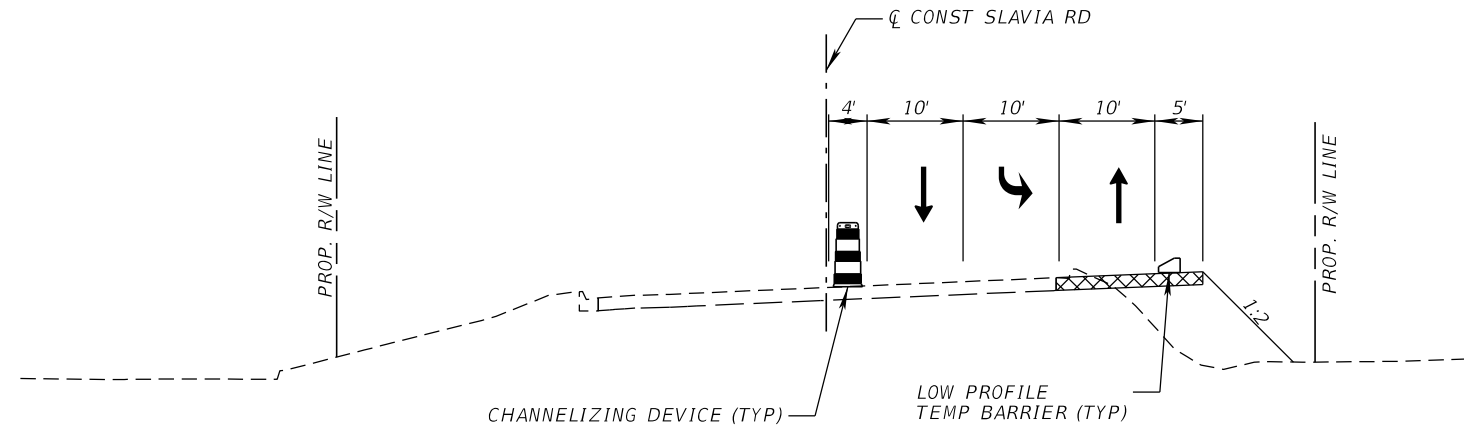
INSTALL EROSION CONTROL THROUGHOUT THE PROJECT LIMITS

UTILIZE NIGHTLY LANE CLOSURES AND/OR FLAGGING OPERATIONS PER THE APPLICABLE STANDARD PLANS AS NECESSARY TO CONSTRUCT THE TEMPORARY PAVEMENT

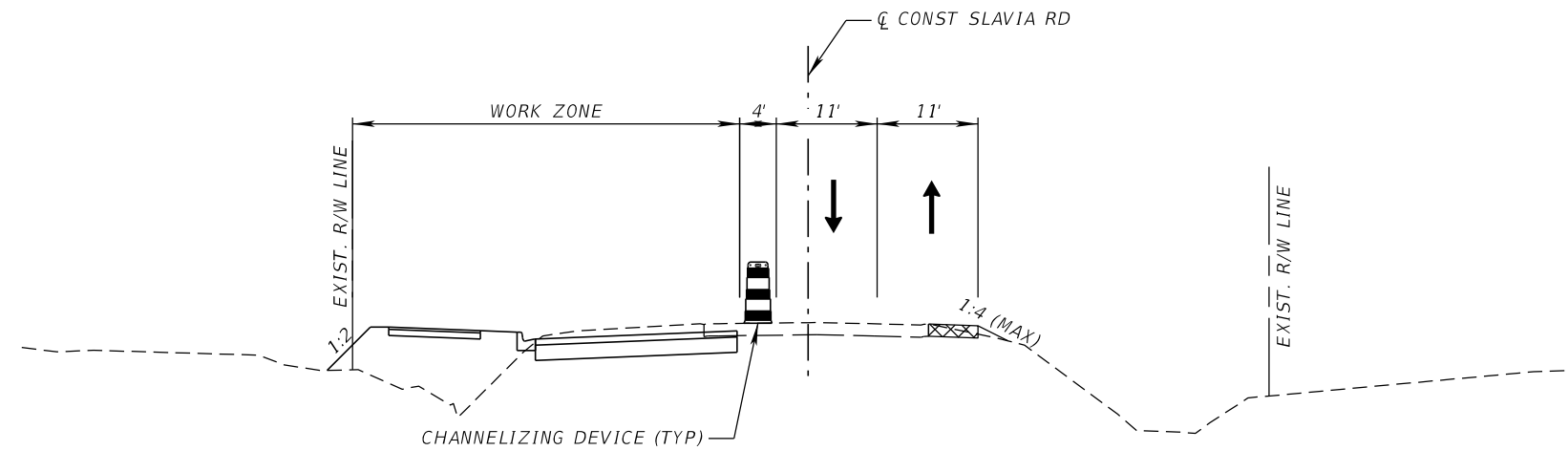
PHASE I-B

SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT CONSTRUCTED IN PHASE I-A

CONSTRUCT PROPOSED ROADWAY AND DRAINAGE ON WB SLAVIA RD AFTER STA. 547+00 AS SHOWN ON ON THE TRAFFIC CONTROL TYPICAL SECTIONS AND APPLICABLE PLAN SHEETS.



PHASE I-B
SLAVIA RD AT RED BUG LAKE RD



PHASE I-B
SLAVIA RD

PHASE I-B

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 115
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

PHASE NOTES:

PHASE I-A (NOT SHOWN)

BEGIN CLEARING AND GRUBBING

SETUP ADVANCE WARNING SIGNS AND TRAFFIC CONTROL

DEVICES PER THE PLAN DETAILS AND APPLICABLE STANDARD PLANS

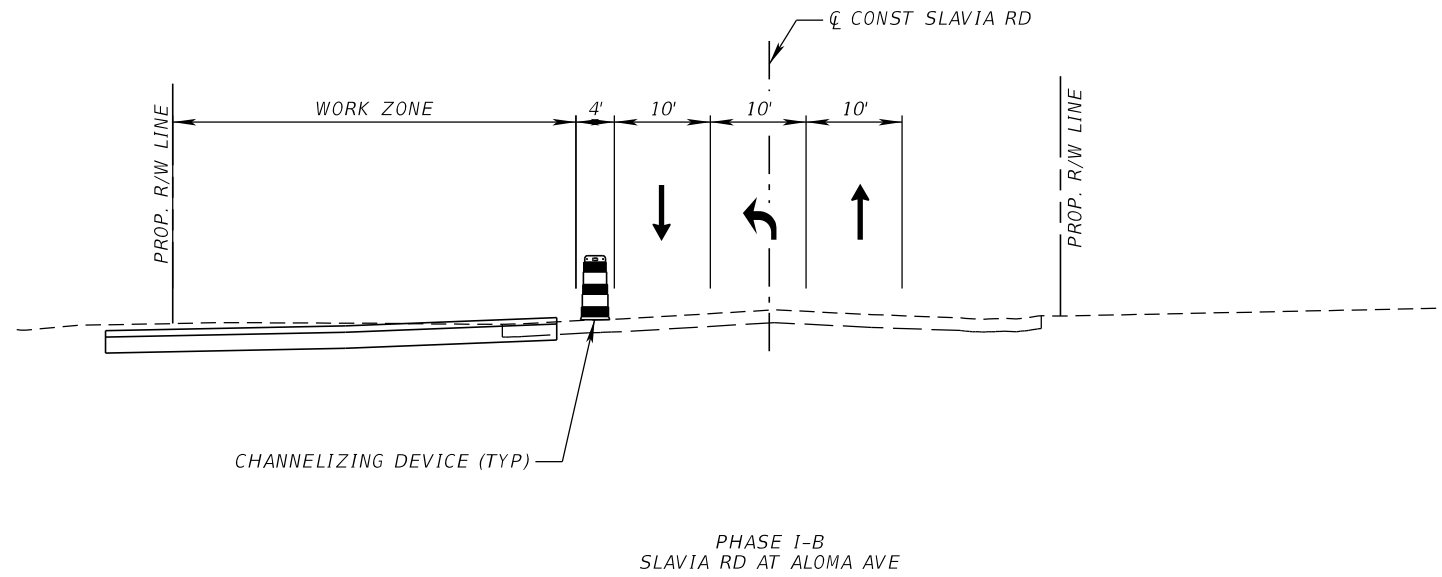
INSTALL EROSION CONTROL THROUGHOUT THE PROJECT LIMITS

UTILIZE NIGHTLY LANE CLOSURES AND/OR FLAGGING OPERATIONS PER THE APPLICABLE STANDARD PLANS AS NECESSARY TO CONSTRUCT THE TEMPORARY PAVEMENT

PHASE I-B

SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT CONSTRUCTED IN PHASE I-A

CONSTRUCT PROPOSED ROADWAY AND DRAINAGE ON WB SLAVIA RD AFTER STA. 547+00 AS SHOWN ON ON THE TRAFFIC CONTROL TYPICAL SECTIONS AND APPLICABLE PLAN SHEETS.



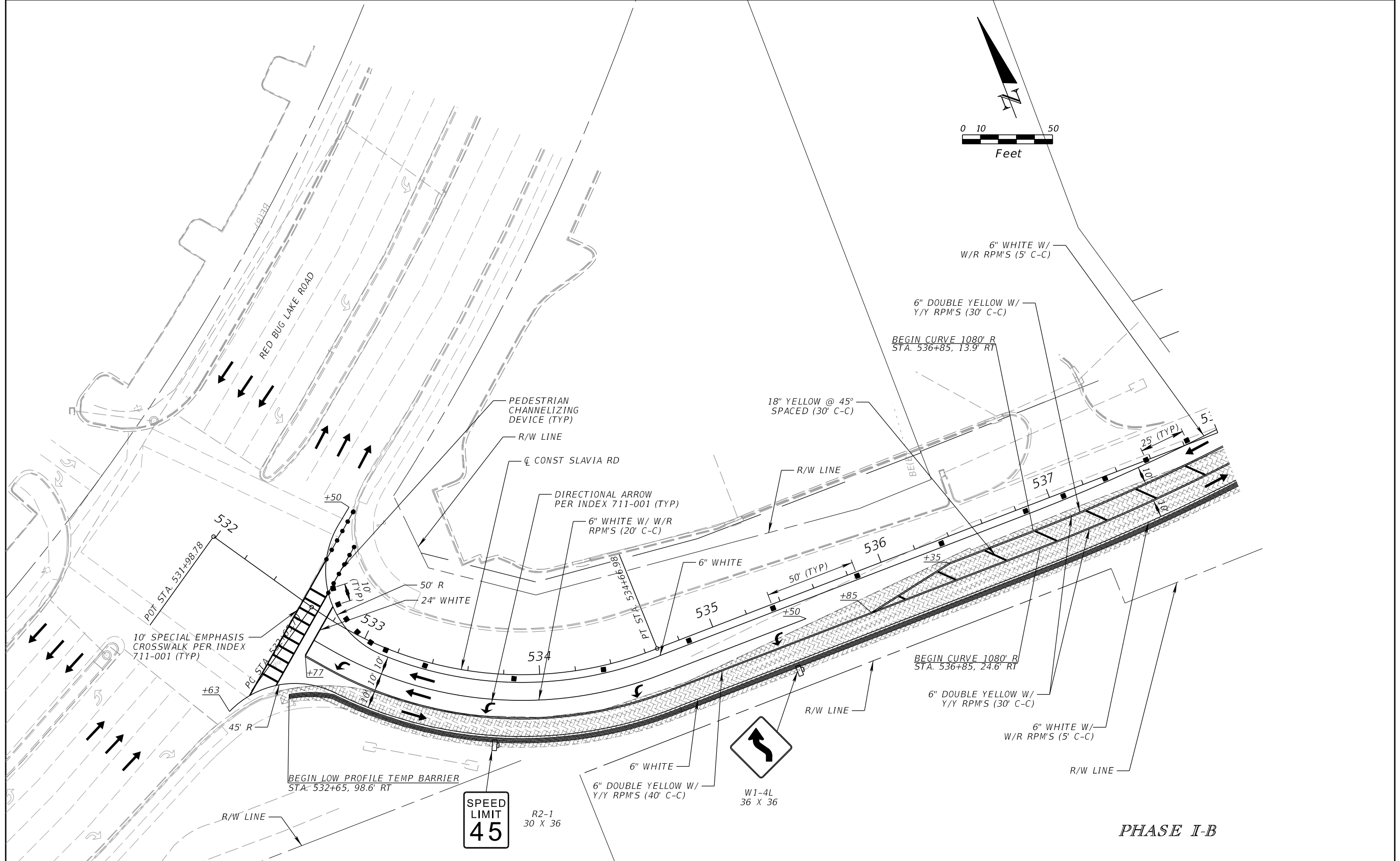
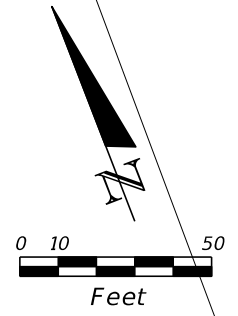
PHASE I-B
SLAVIA RD AT ALOMA AVE

PHASE I-B

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 116
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	

TEMPORARY TRAFFIC
CONTROL PLAN

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



SPEED LIMIT 45
R2-1
30 X 36



PHASE I-B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

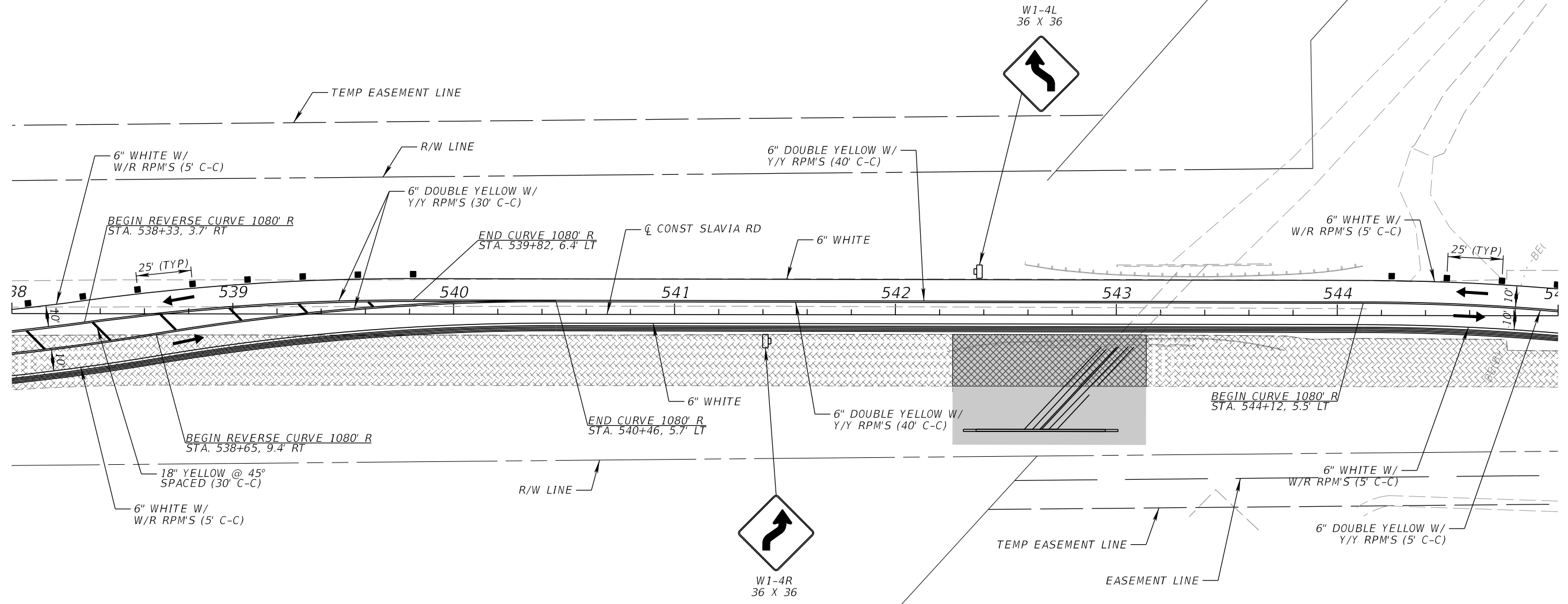
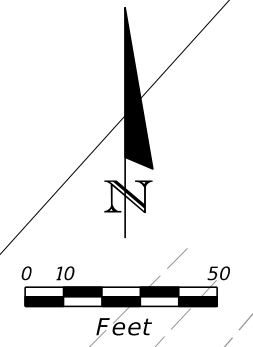
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Suncoast County</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
117

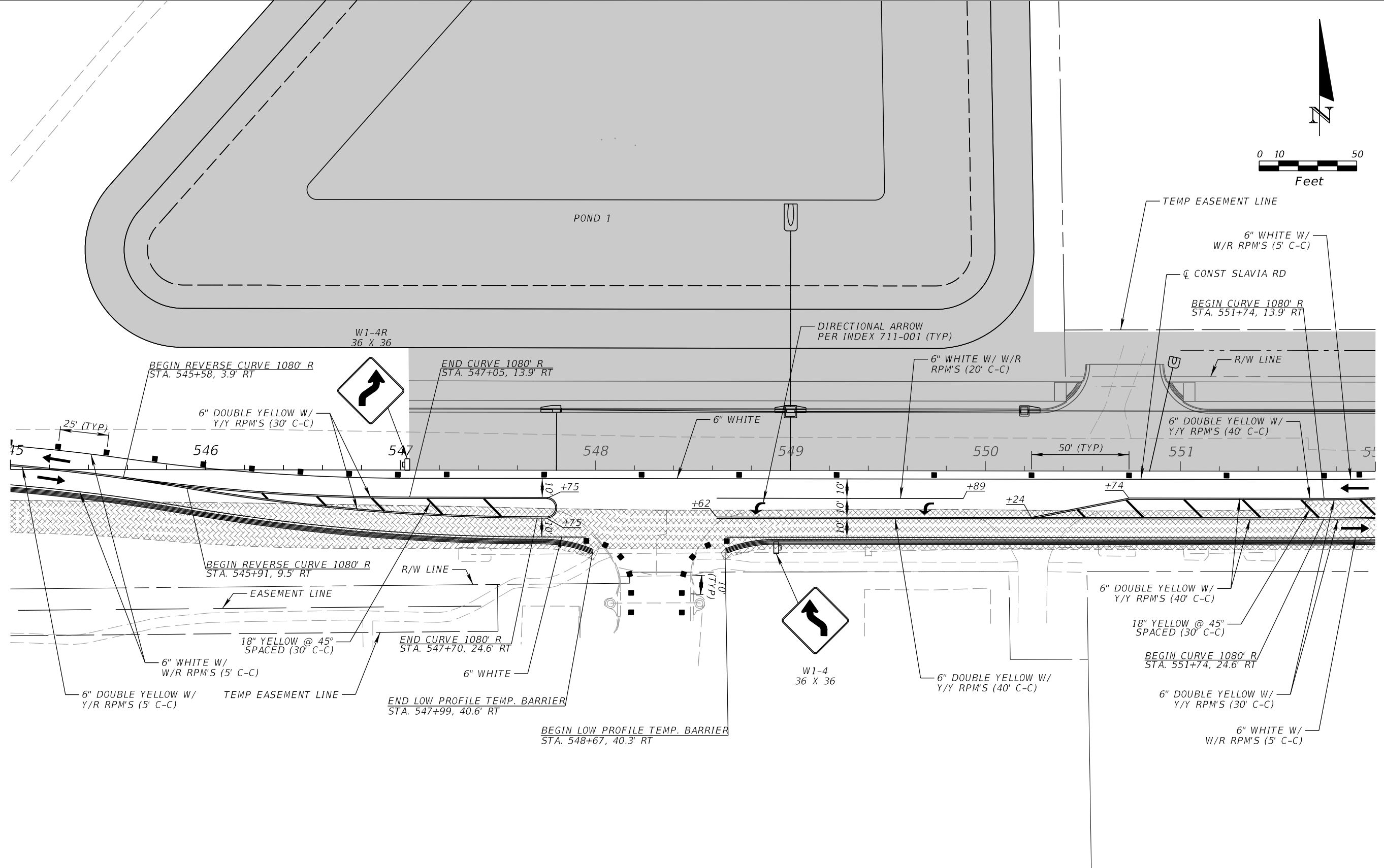
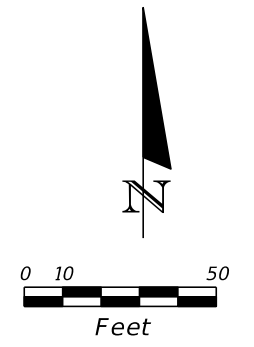
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE I-B

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY		ROAD SLAVIA	COUNTY PROJECT NO. PS-2552-19/GCM	CIP NO. 01785146	SHEET NO. 118
DATE	DESCRIPTION	DATE	DESCRIPTION		TEMPORARY TRAFFIC CONTROL PLAN					

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PHASE I-B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

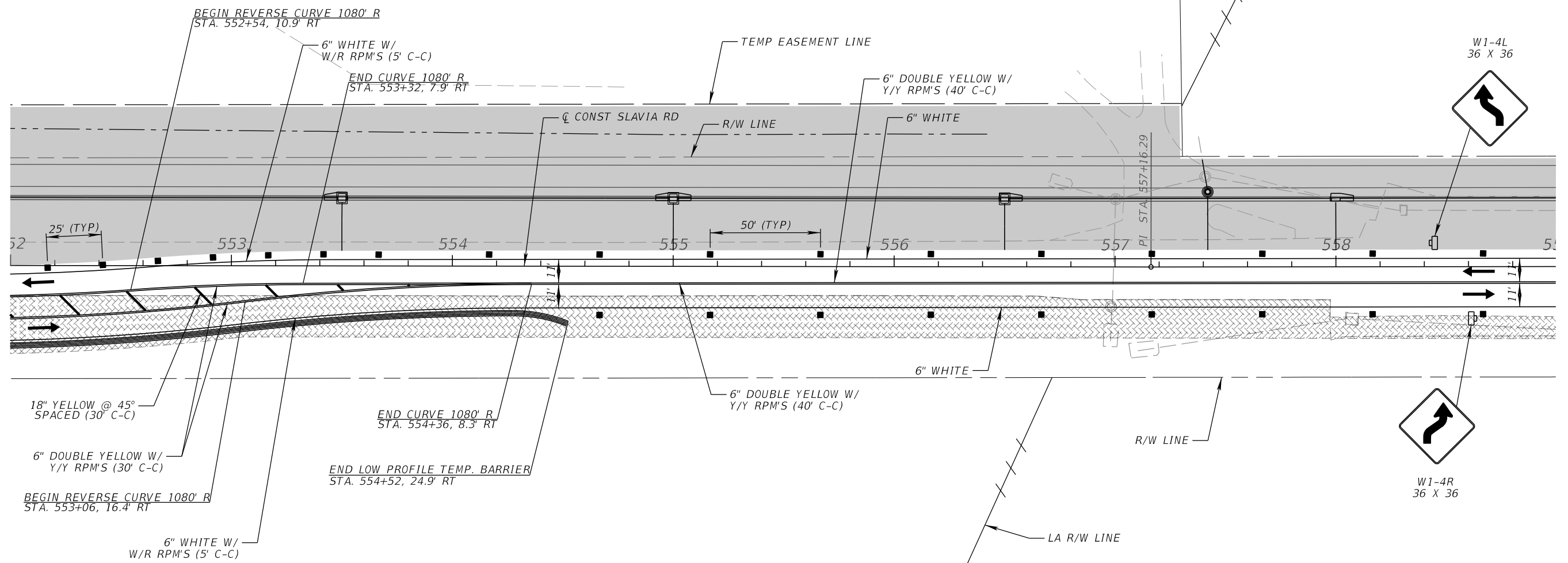
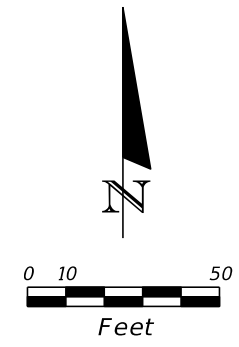
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

		SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
119

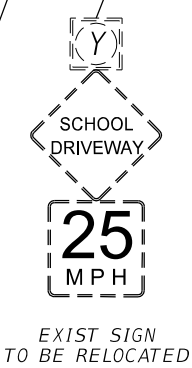
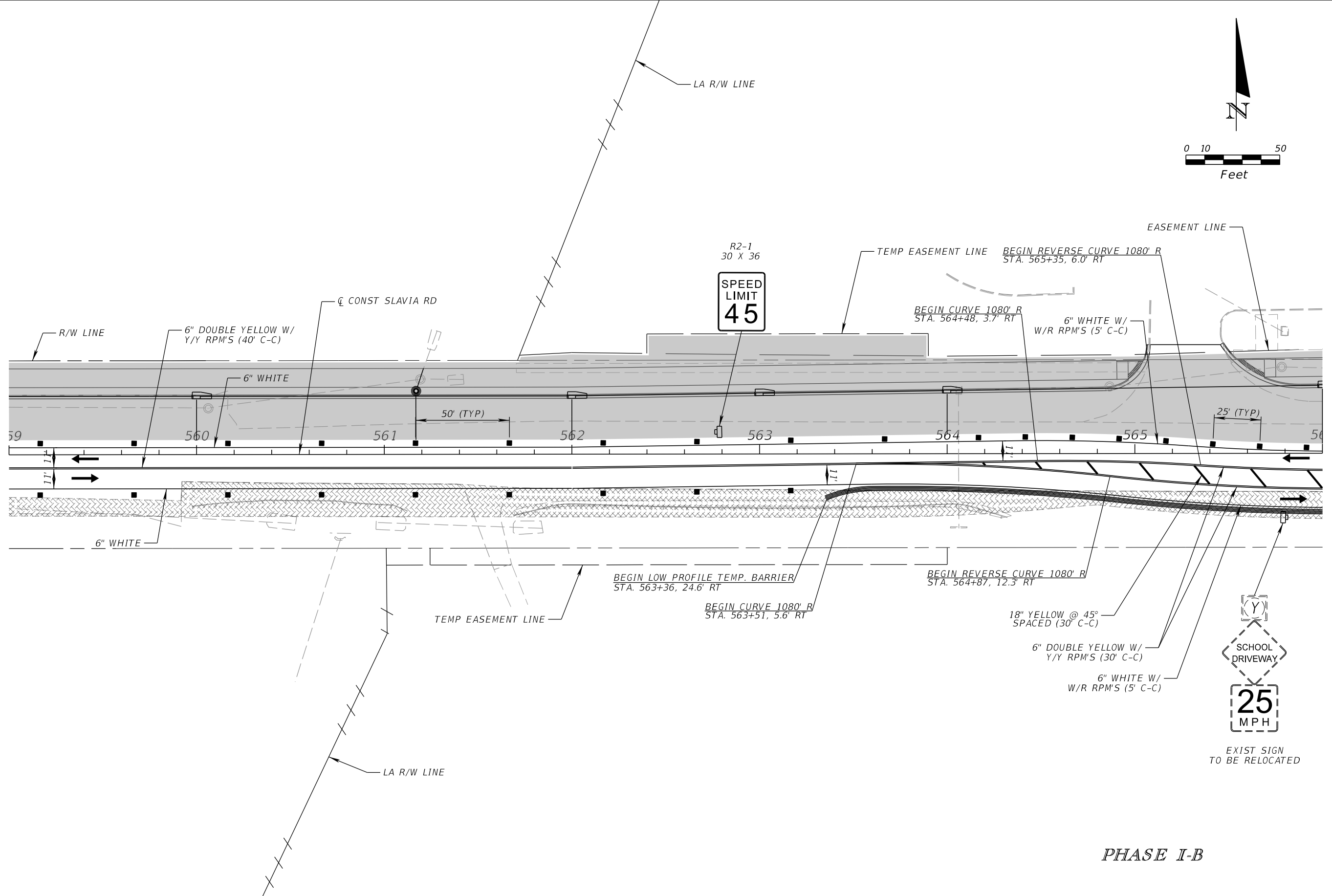
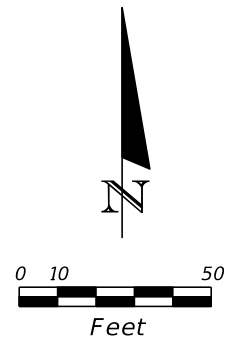
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE I-B

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 120
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

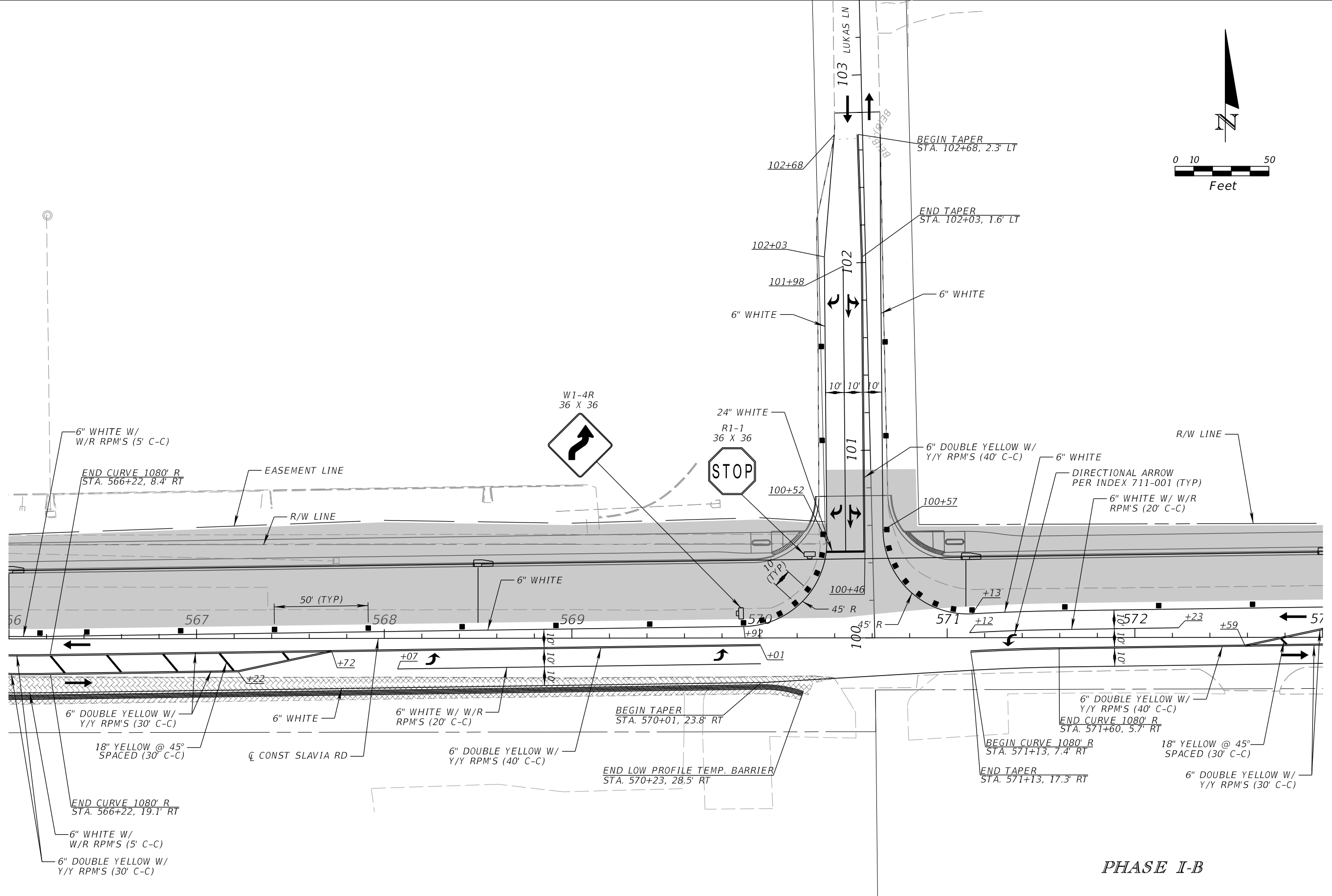
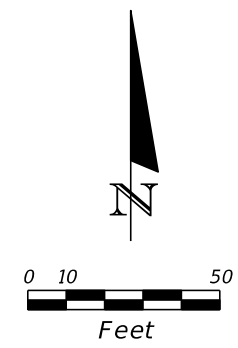
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE I-B

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		SEMINOLE COUNTY SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146		TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 121
DATE	DESCRIPTION	DATE	DESCRIPTION							

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



PHASE I-B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

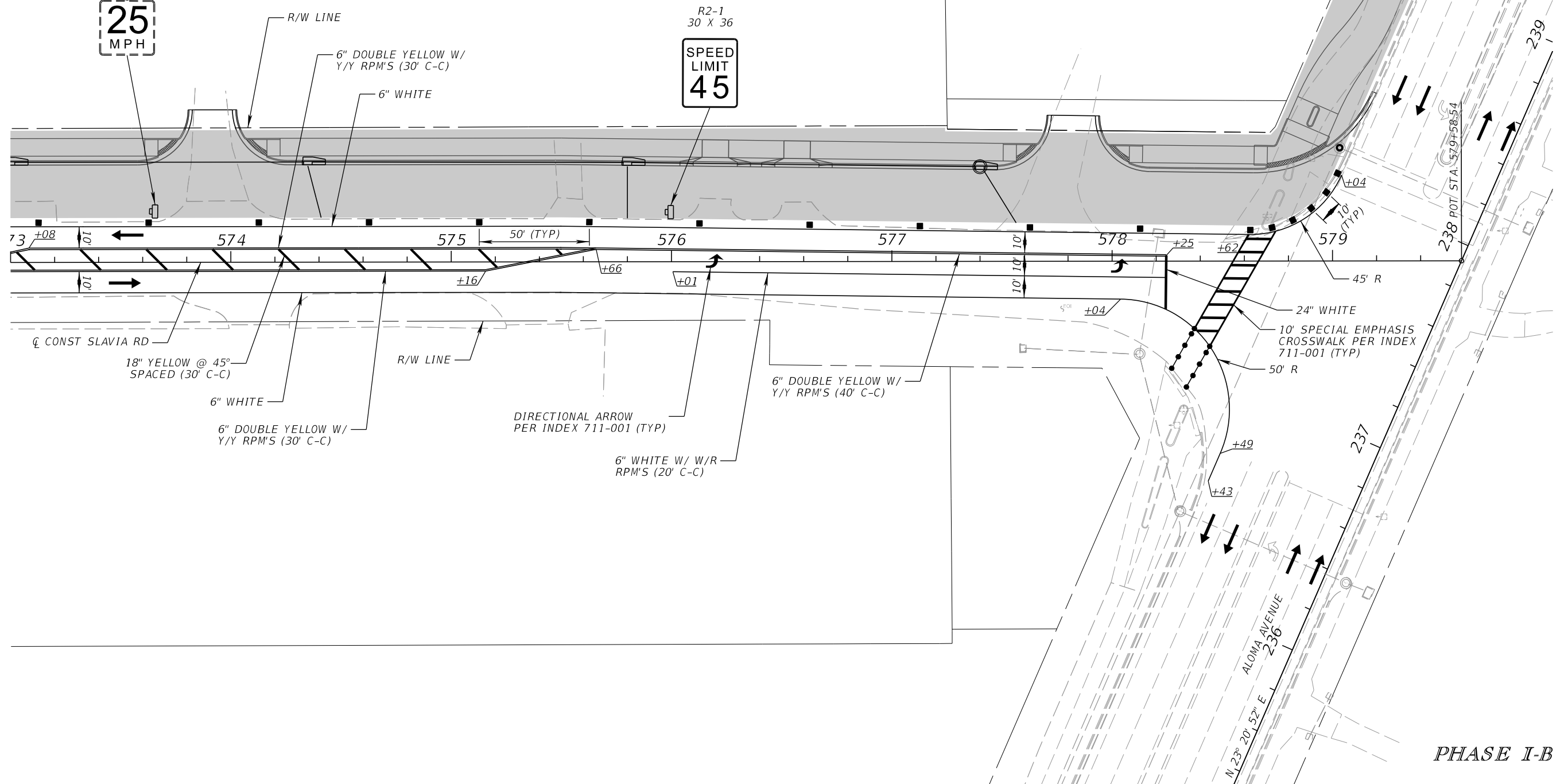
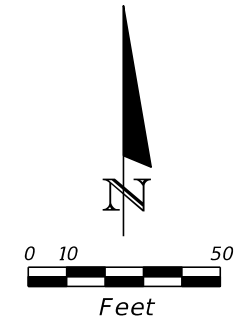
SEMINOLE COUNTY <small>Florida's Sunbelt County</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
122

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EXIST SIGN
TO BE RELOCATED



PHASE I-B

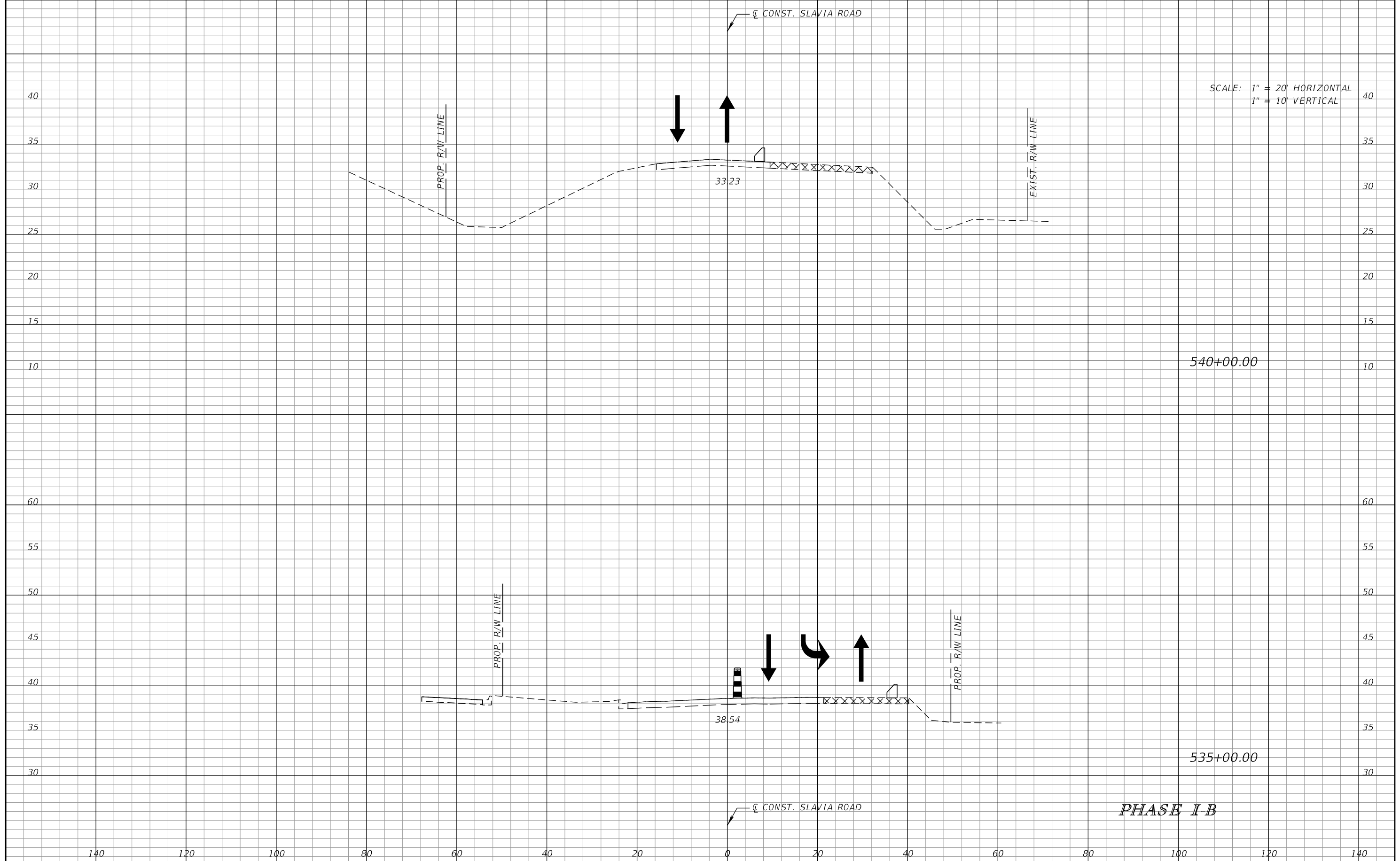
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 123
---	--	-------------------------

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



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL


540+00.00

535+00.00

PHASE I-B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

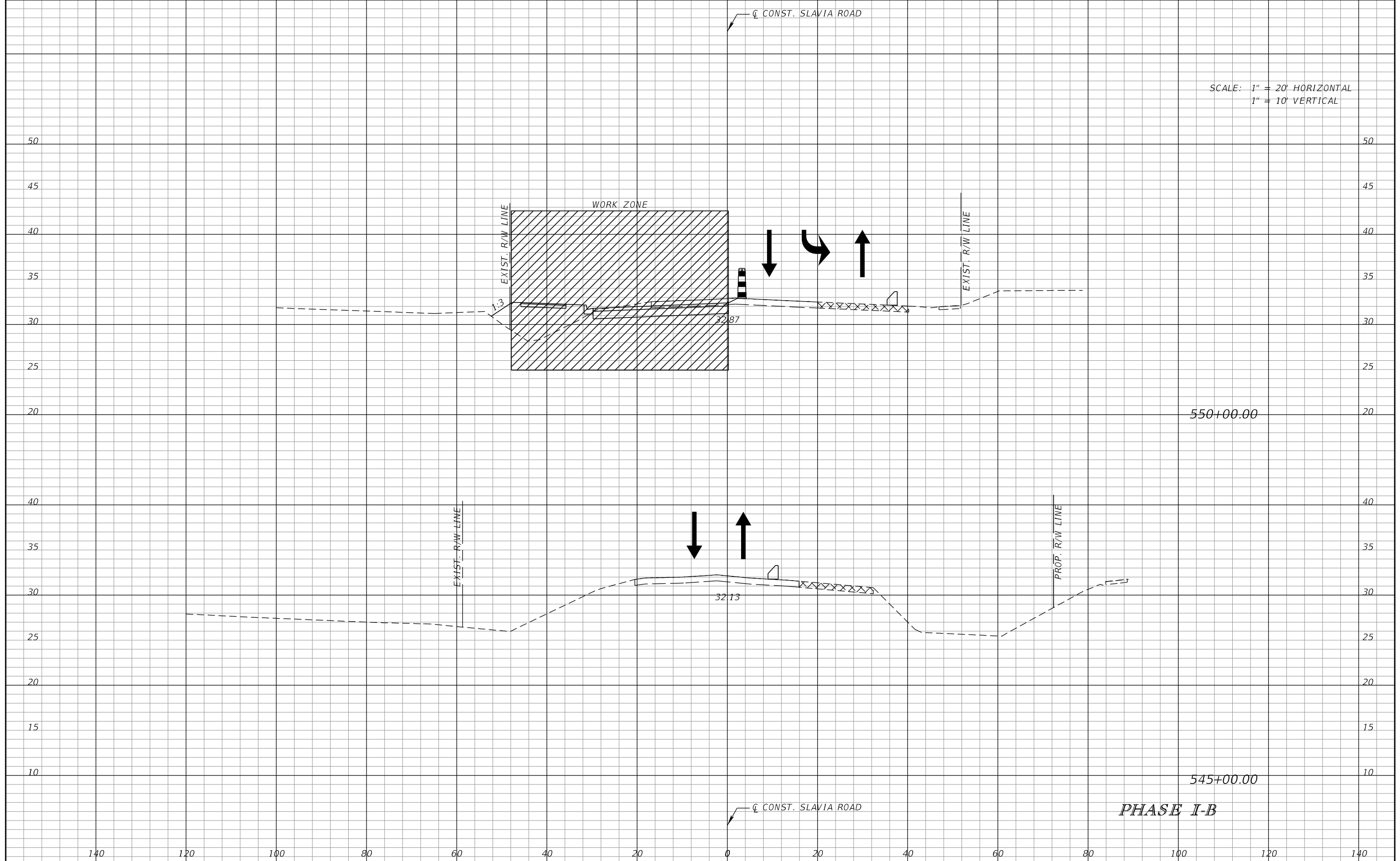
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
124

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



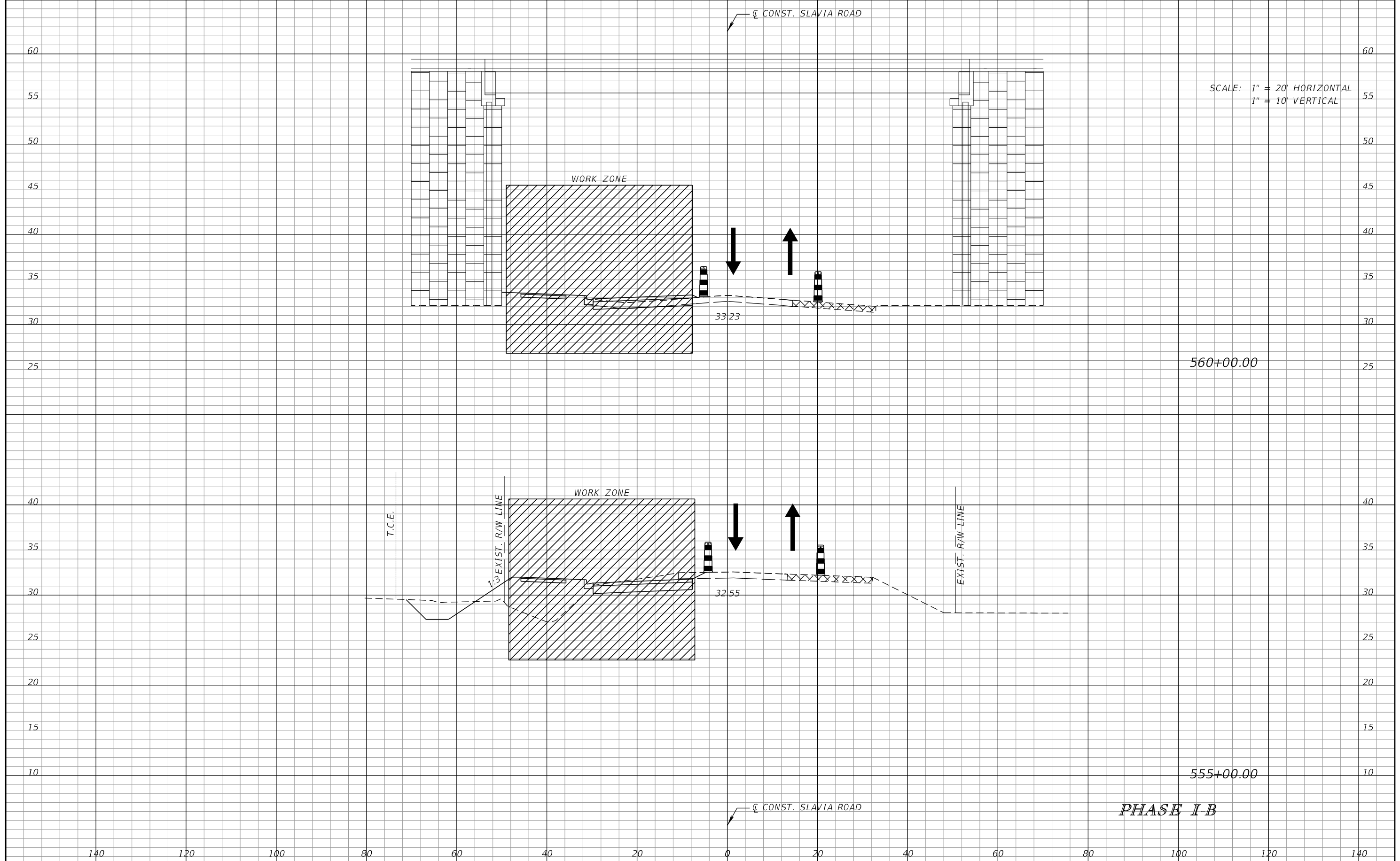
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
125



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

560+00.00

555+00.00

PHASE I-B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

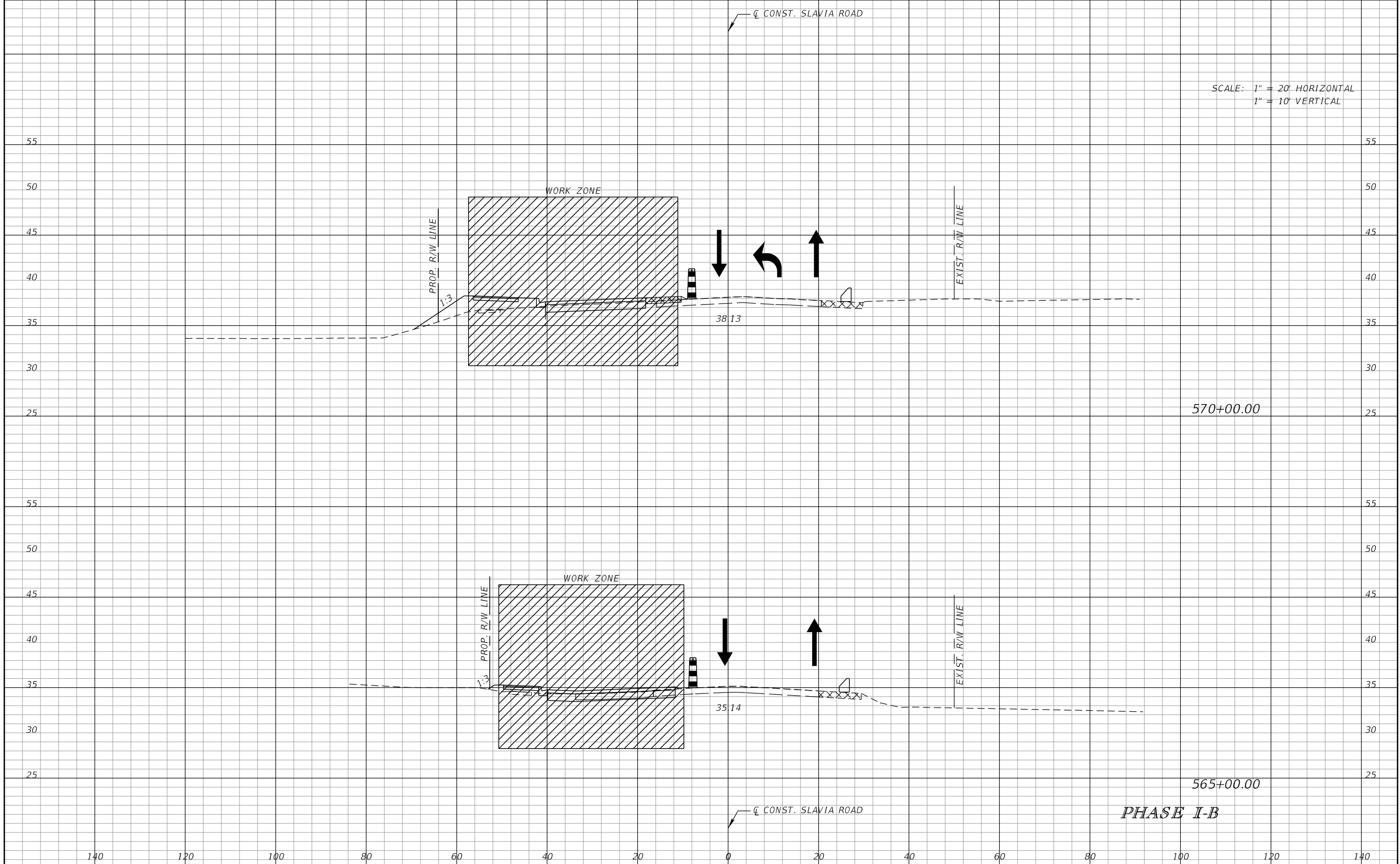
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE CAPITAL		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET NO.
126

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

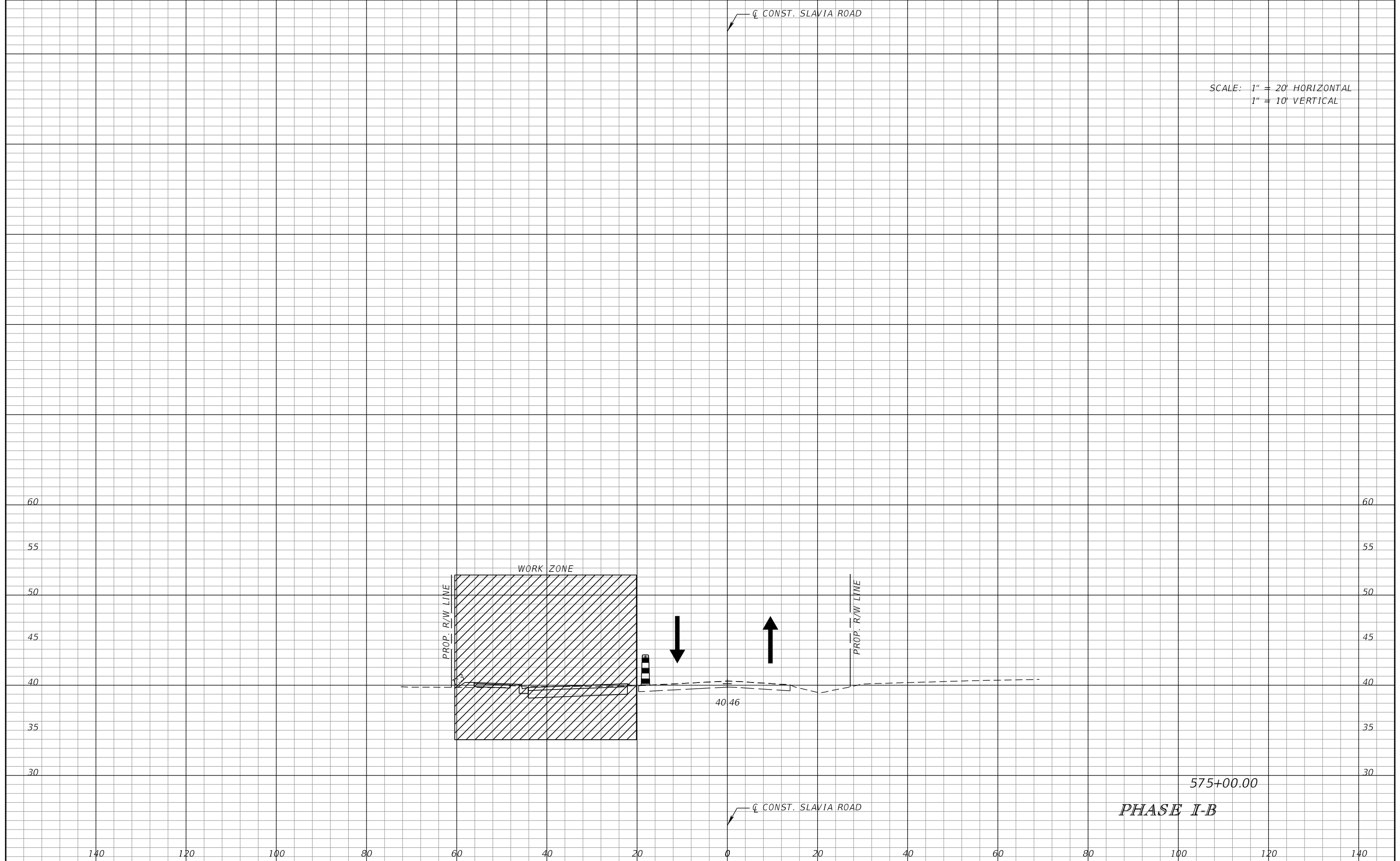
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA STATE CAPITAL		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
127

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



575+00.00

PHASE I-B

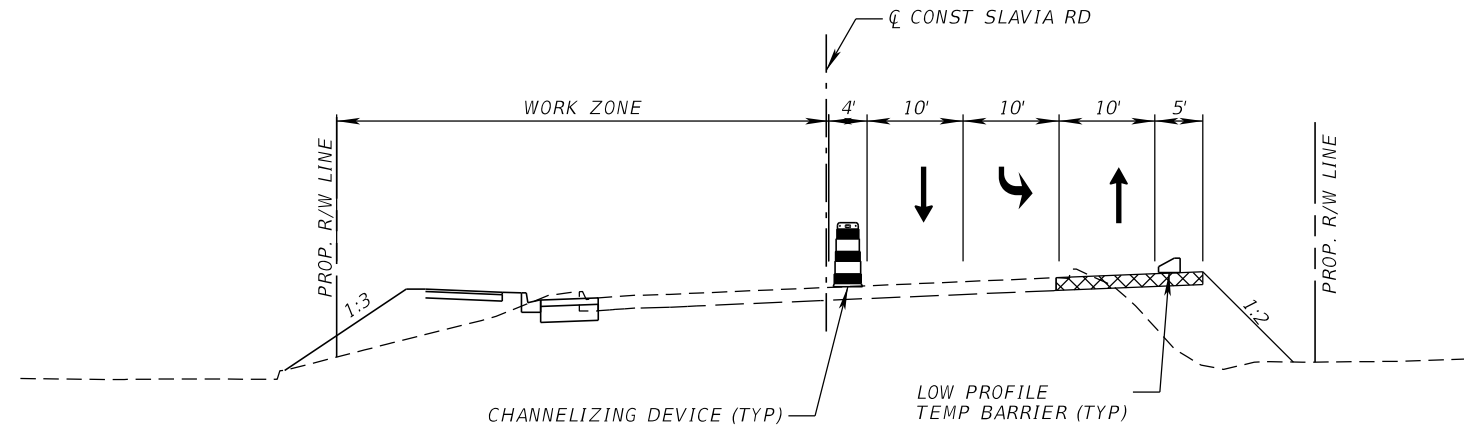
REVISIONS		SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		SEMINOLE COUNTY SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO.		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 128
DATE	DESCRIPTION	DATE	DESCRIPTION	SLAVIA	PS-2552-19/GCM 01785146		

PHASE NOTES:

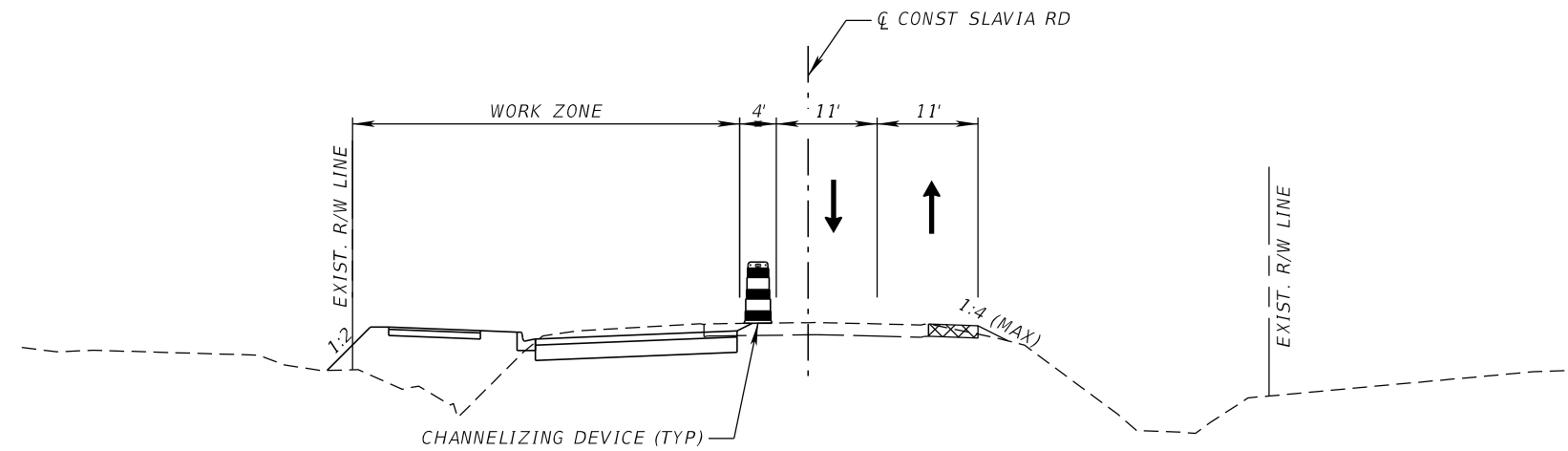
PHASE I-C

SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT CONSTRUCTED IN PHASE I-B

CONSTRUCT PROPOSED ROADWAY AND DRAINAGE ON WB SLAVIA RD AFTER STA. 547+00AS SHOWN ON ON THE TRAFFIC CONTROL TYPICAL SECTIONS AND APPLICABLE PLAN SHEETS.



PHASE I-B
SLAVIA RD AT RED BUG LAKE RD



PHASE I-B
SLAVIA RD

PHASE I-C

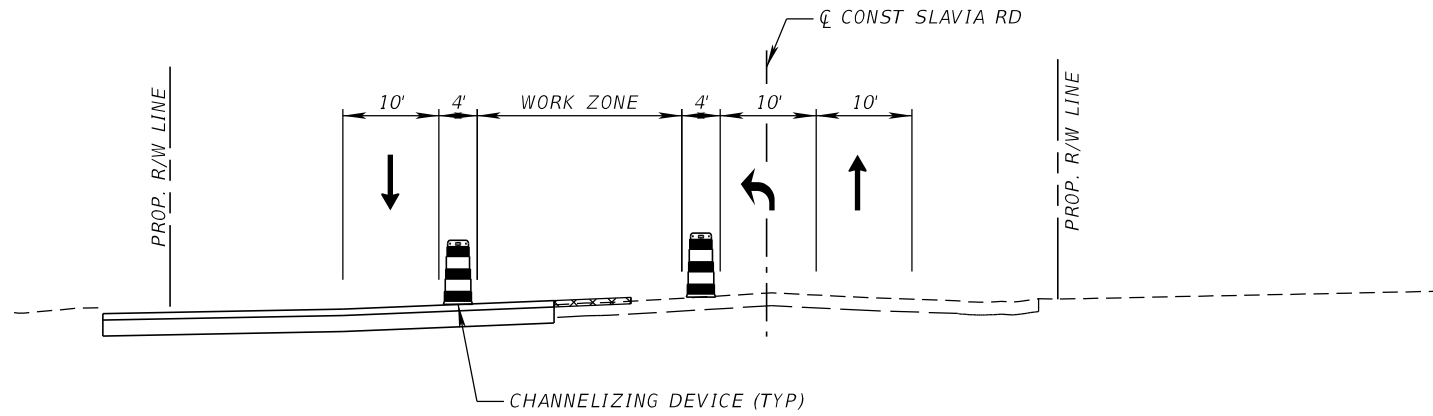
REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 129
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

PHASE NOTES:

PHASE I-C

SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT CONSTRUCTED IN PHASE I-B

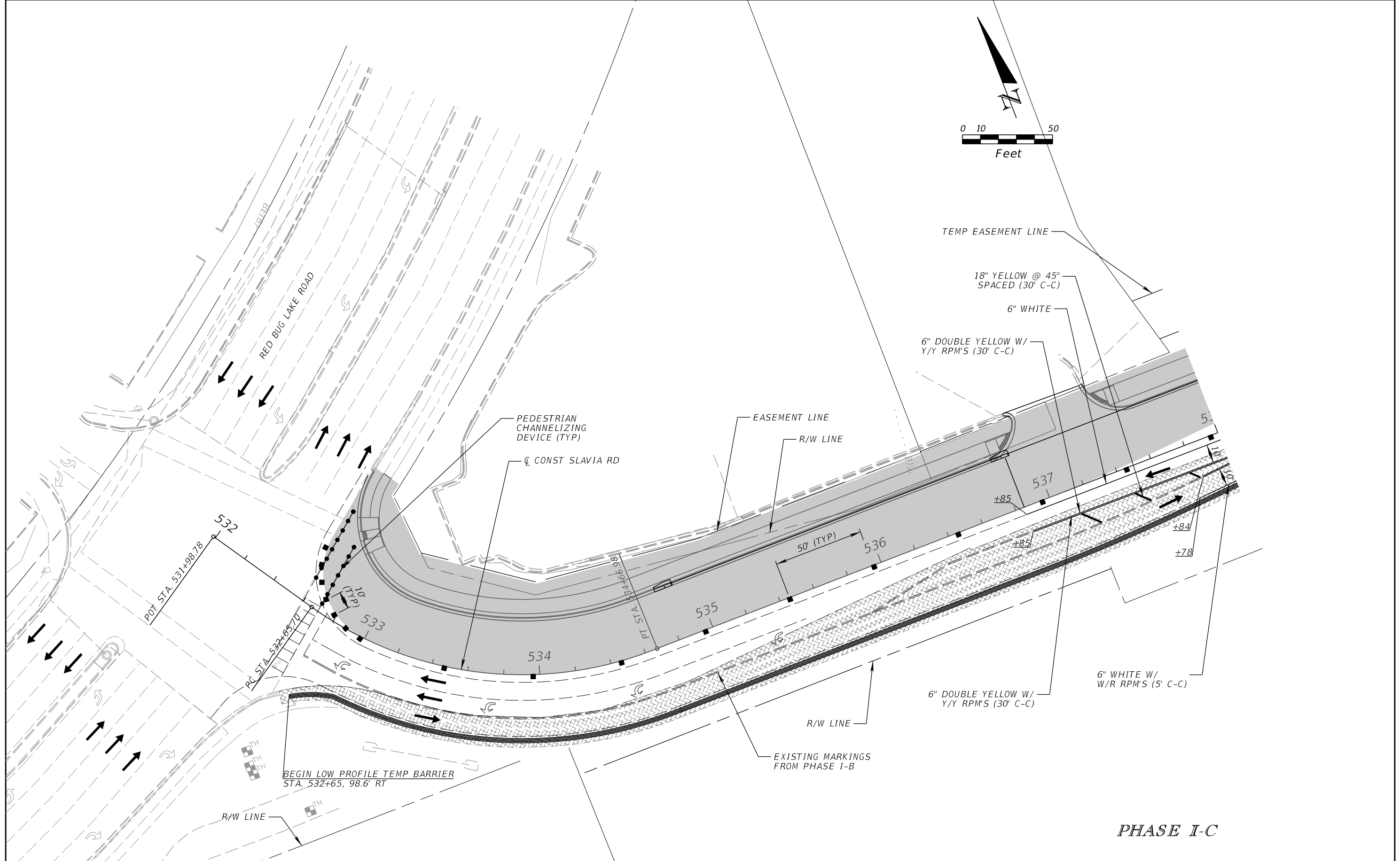
CONSTRUCT PROPOSED ROADWAY AND DRAINAGE ON WB SLAVIA RD AFTER STA. 547+00AS SHOWN ON ON THE TRAFFIC CONTROL TYPICAL SECTIONS AND APPLICABLE PLAN SHEETS.



PHASE I-C
SLAVIA RD AT ALOMA AVE

PHASE I-C


REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 130
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	



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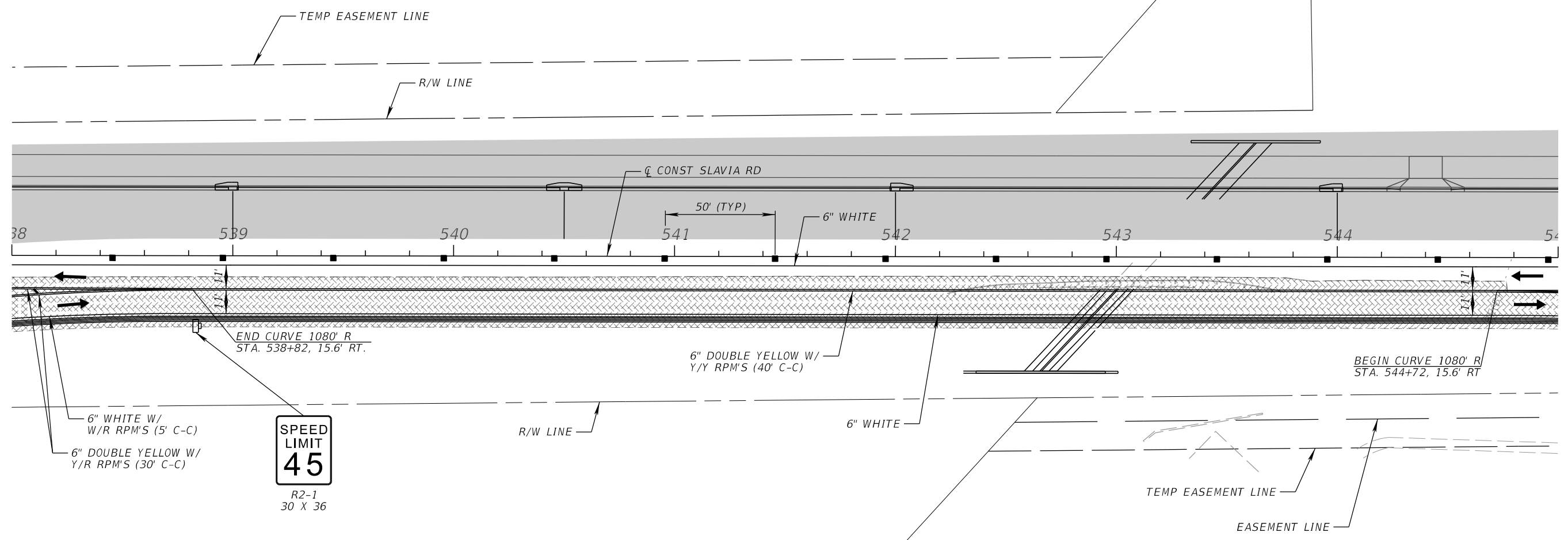
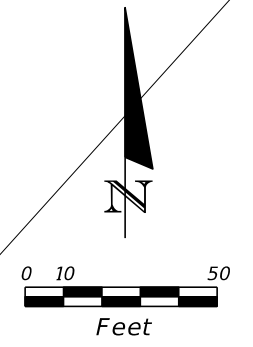
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

 SEMINOLE COUNTY <small>Florida's Sunbelt County</small>	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
131

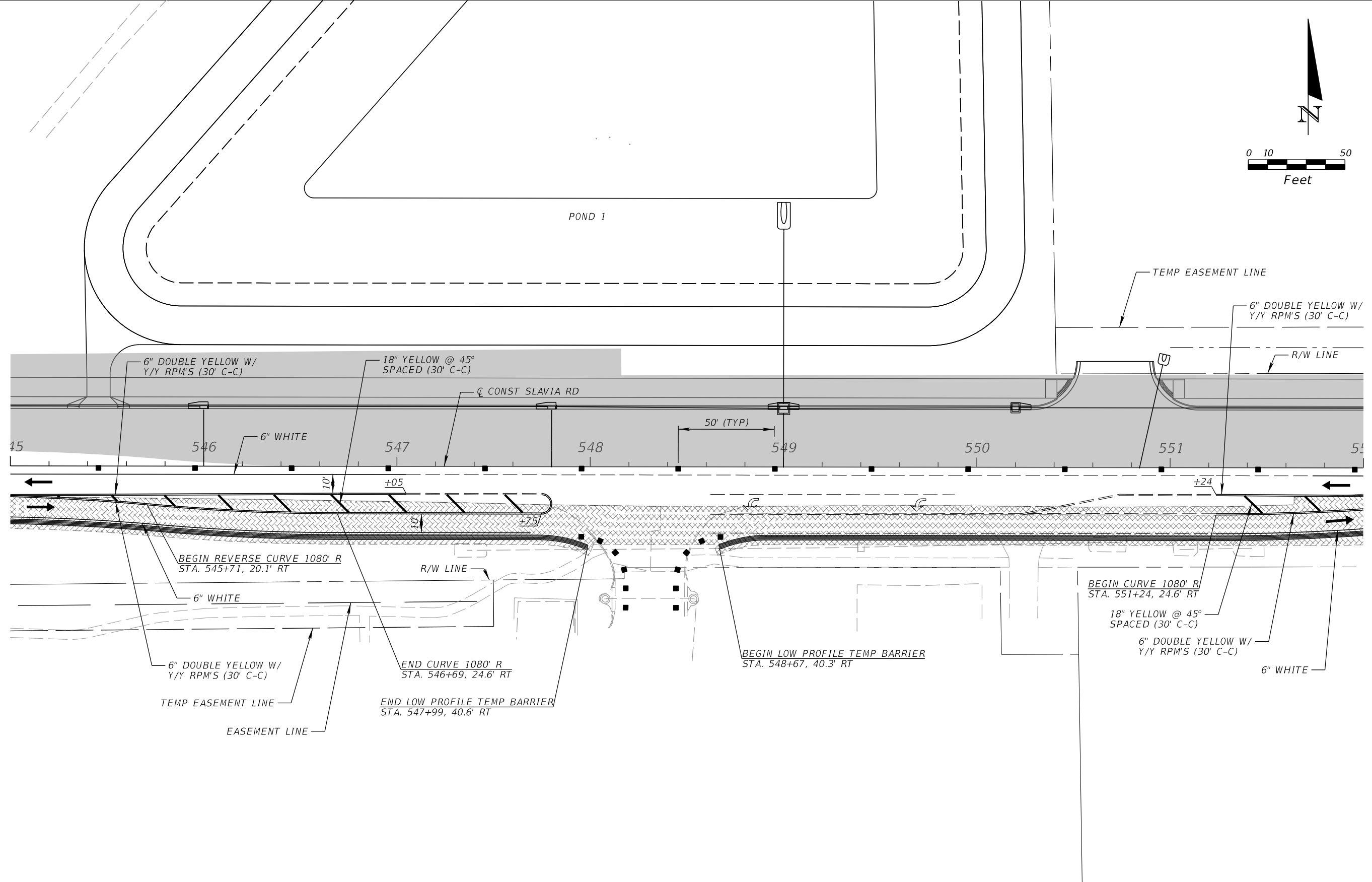
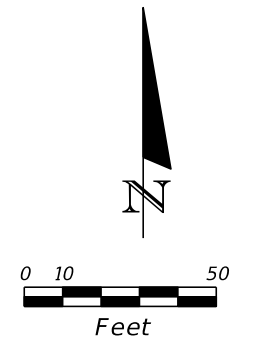


SPEED LIMIT
45
R2-1
30 X 36

PHASE I-C

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 132
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

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PHASE I-C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

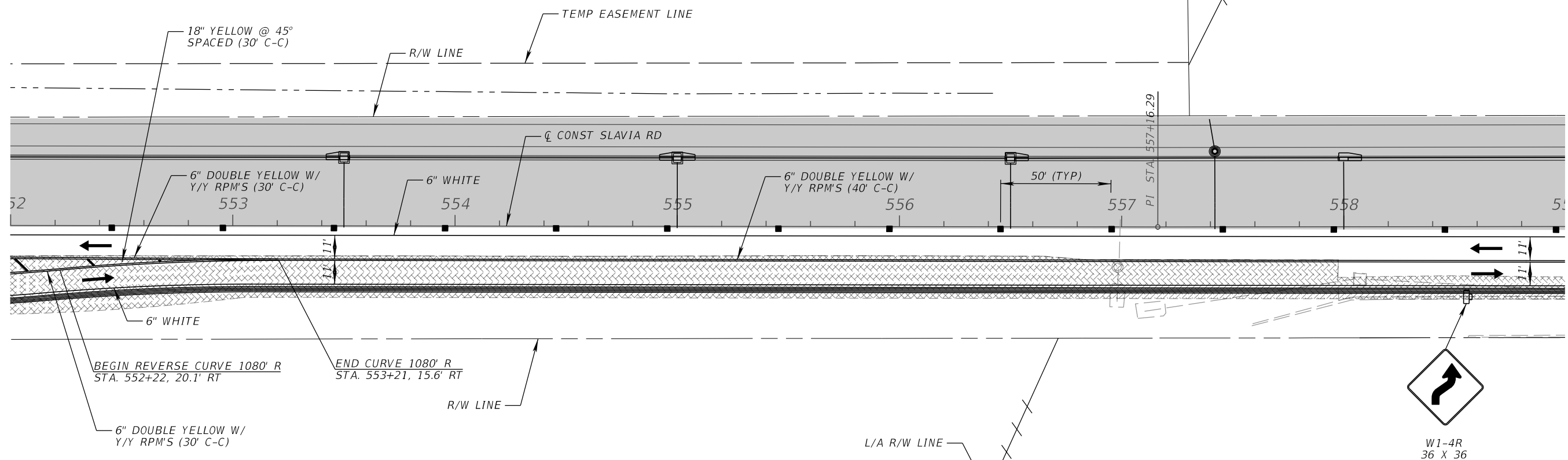
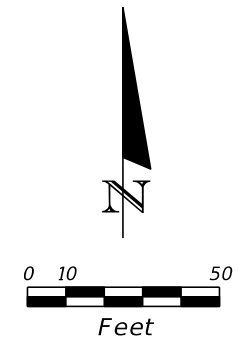
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
133

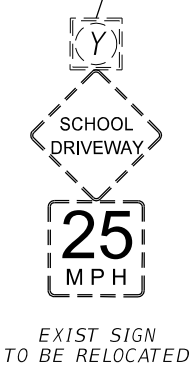
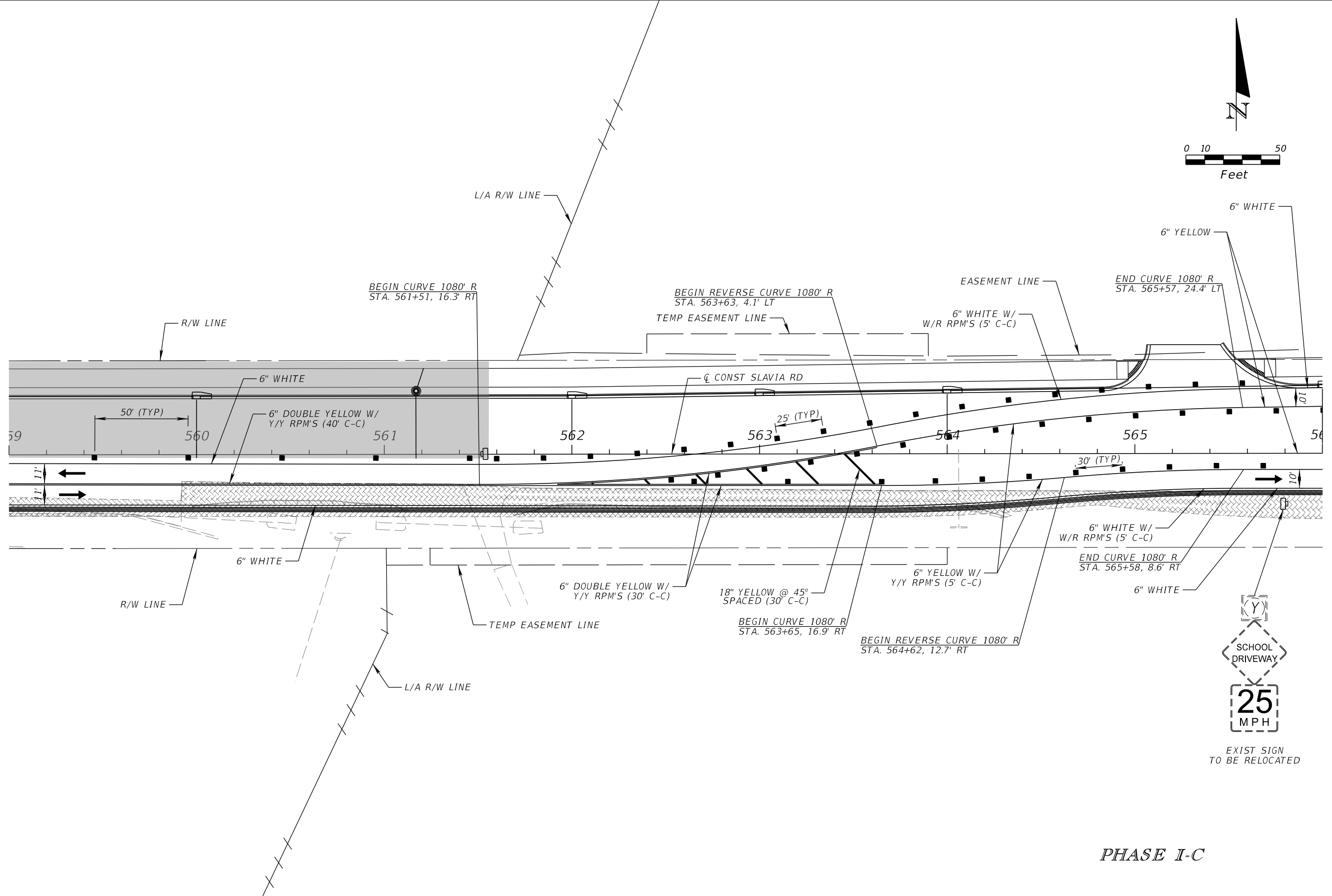
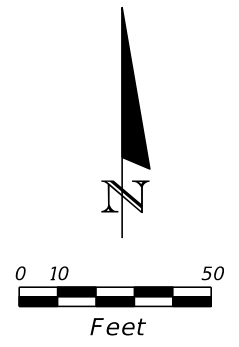
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.




PHASE I-C

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 134
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
				SLAVIA	PS-2552-19/GCM	01785146		

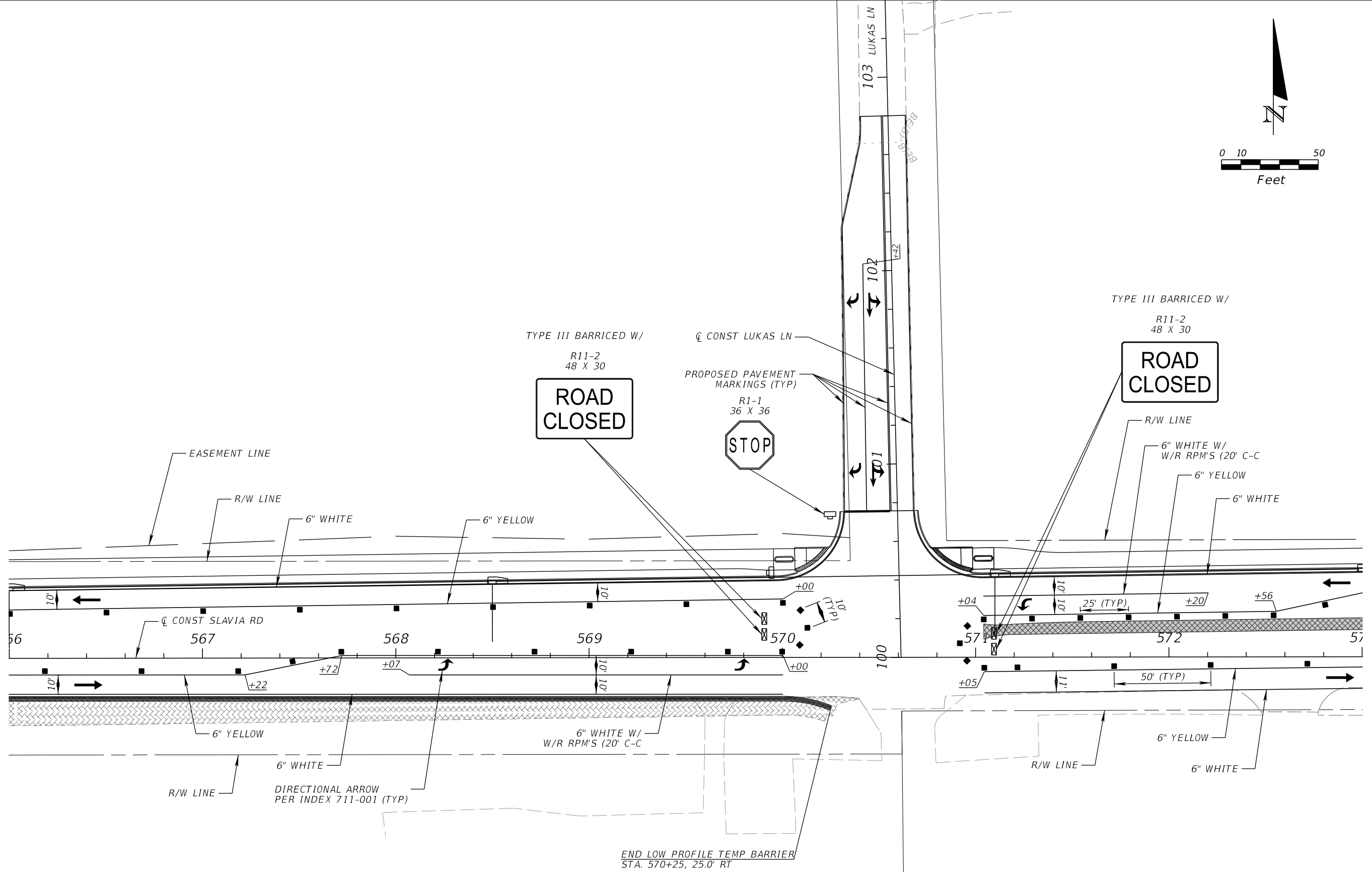
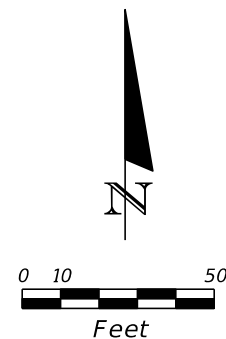
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE I-C

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 135
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

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



TYPE III BARRICED W/
R11-2
48 X 30

TYPE III BARRICED W/
R11-2
48 X 30

PROPOSED PAVEMENT
MARKINGS (TYP)
R1-1
36 X 36

**ROAD
CLOSED**

**ROAD
CLOSED**

STOP

R/W LINE
6" WHITE W/
W/R RPM'S (20' C-C)
6" YELLOW
6" WHITE

EASEMENT LINE
R/W LINE
6" WHITE
6" YELLOW

CL CONST SLAVIA RD
566 567 568 569 570
+72 +07 +00
6" YELLOW
6" WHITE
R/W LINE
DIRECTIONAL ARROW
PER INDEX 711-001 (TYP)

+04 +20 +56
57 572 57
+05 11' 50' (TYP)
R/W LINE
6" YELLOW
6" WHITE

END LOW PROFILE TEMP BARRIER
STA. 570+25, 25.0' RT

PHASE I-C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

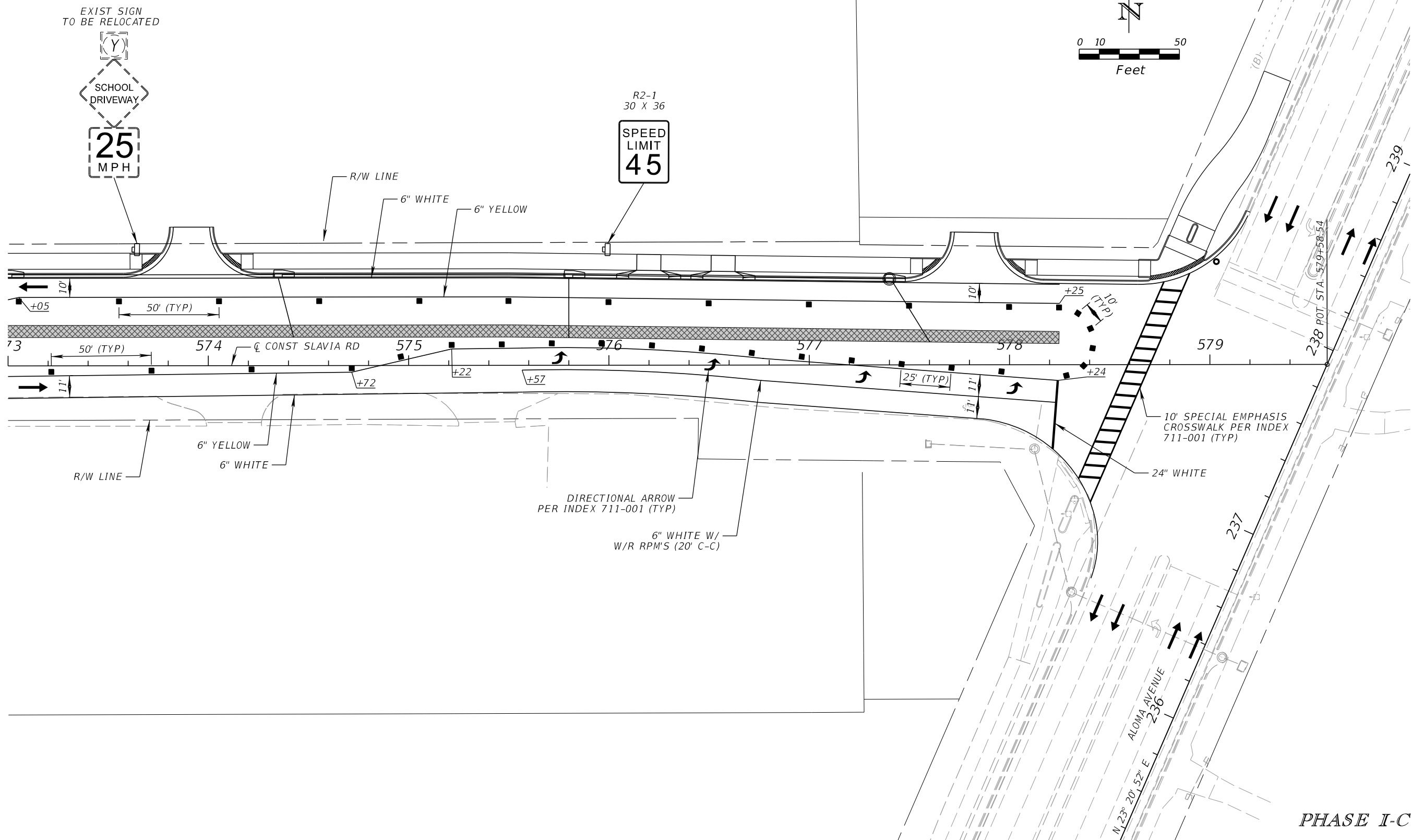
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SUNSHINE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET
NO.
136

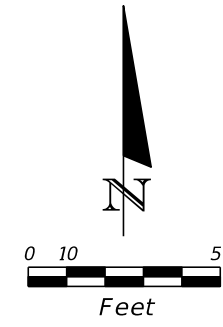
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



EXIST SIGN
TO BE RELOCATED



R2-1
30 X 36



PHASE I-C

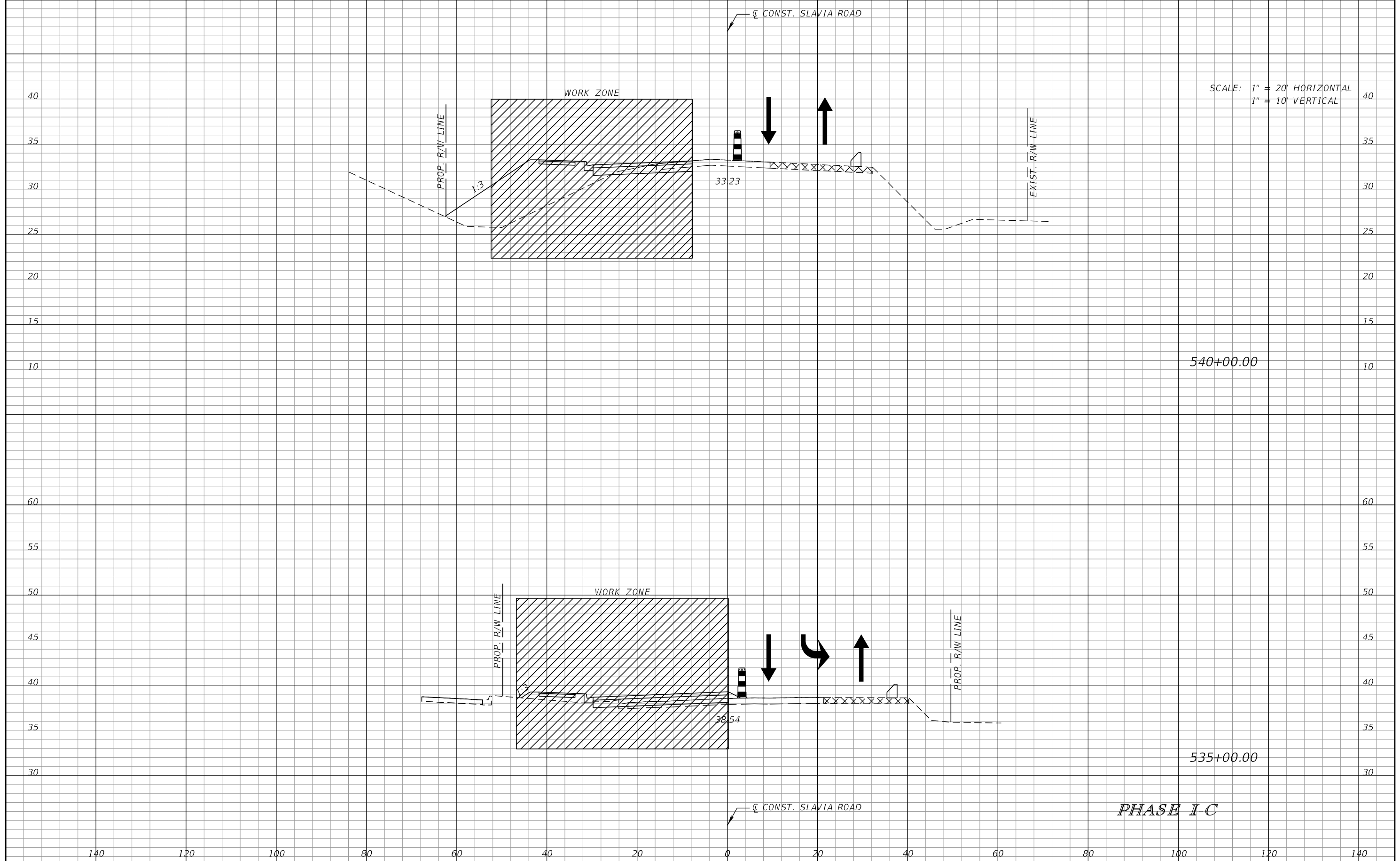
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 137
---	--	-------------------------

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



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL


540+00.00

535+00.00

PHASE I-C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

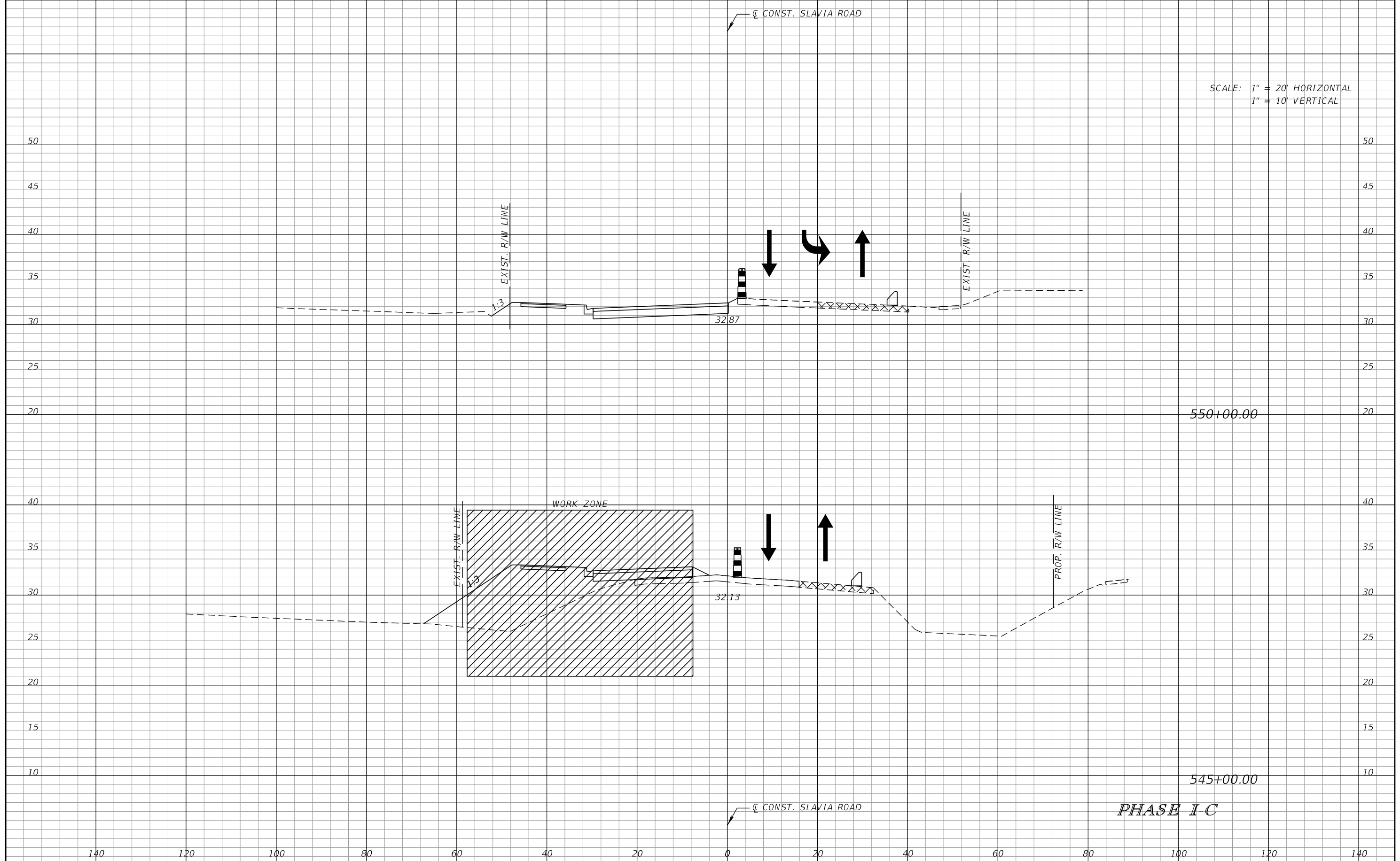
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

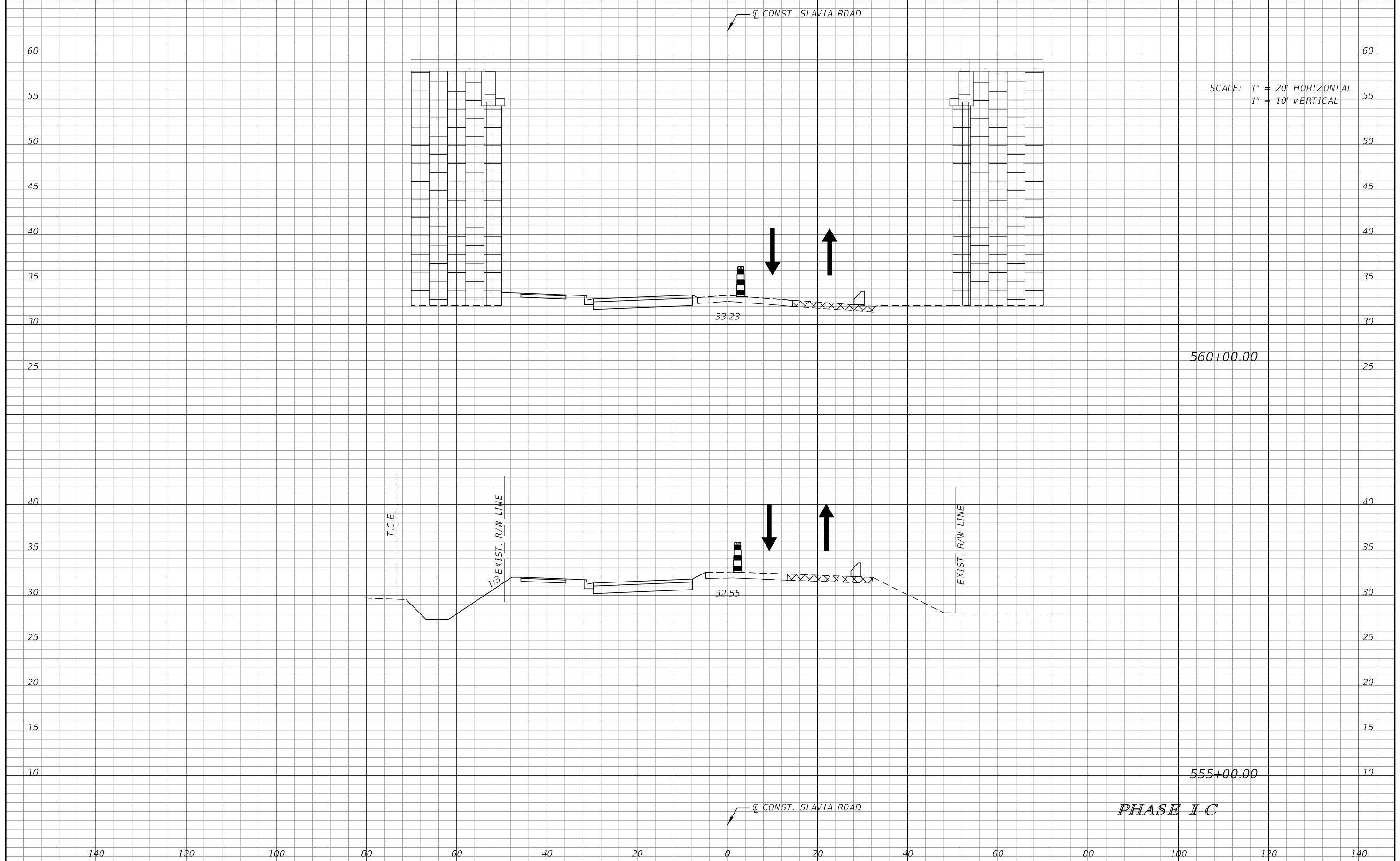
TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
138

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



REVISIONS		DESCRIPTION		SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 139
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

560+00.00

555+00.00

PHASE I-C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

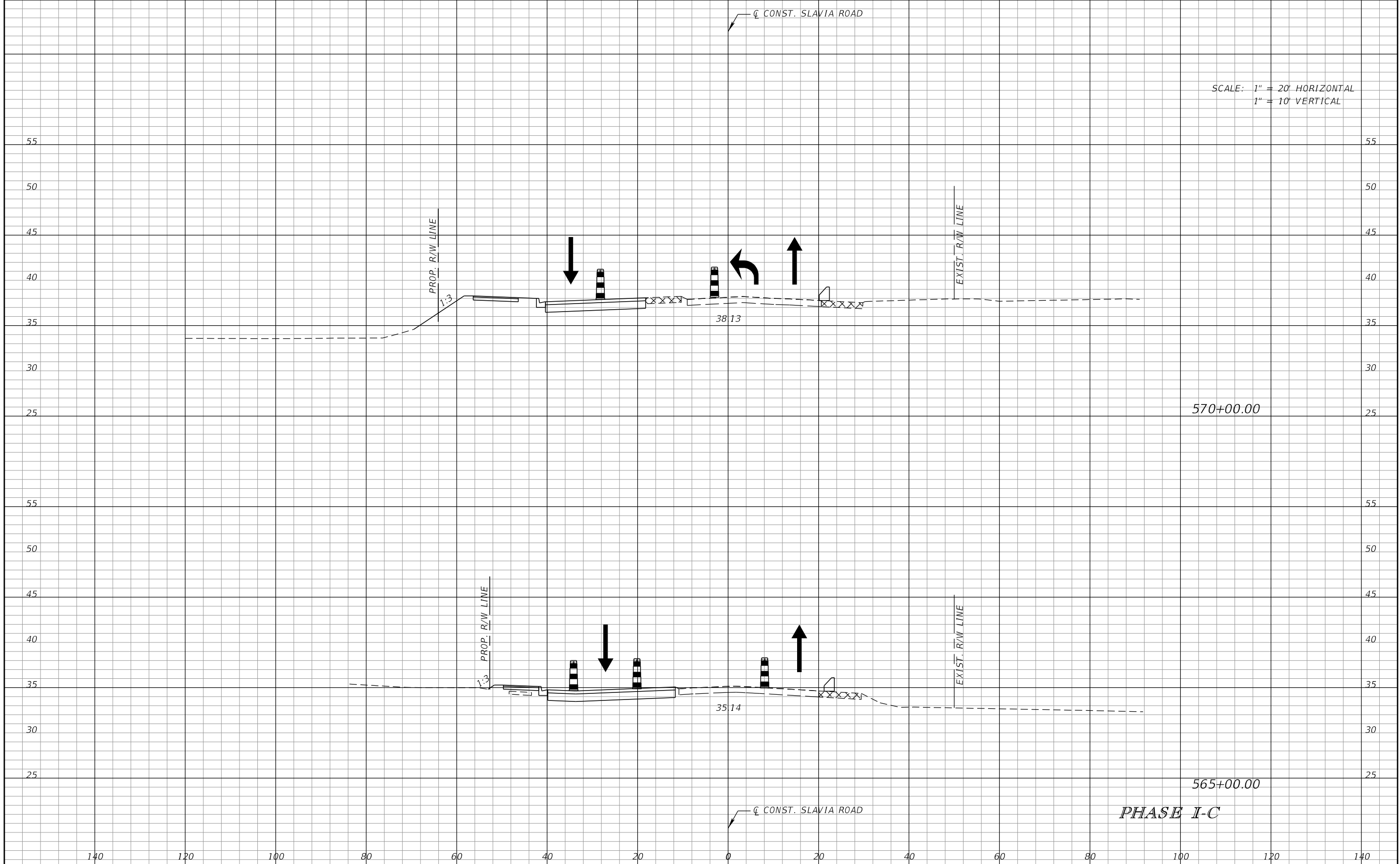
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY FLORIDA'S SAFARI CAPITAL		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
140

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

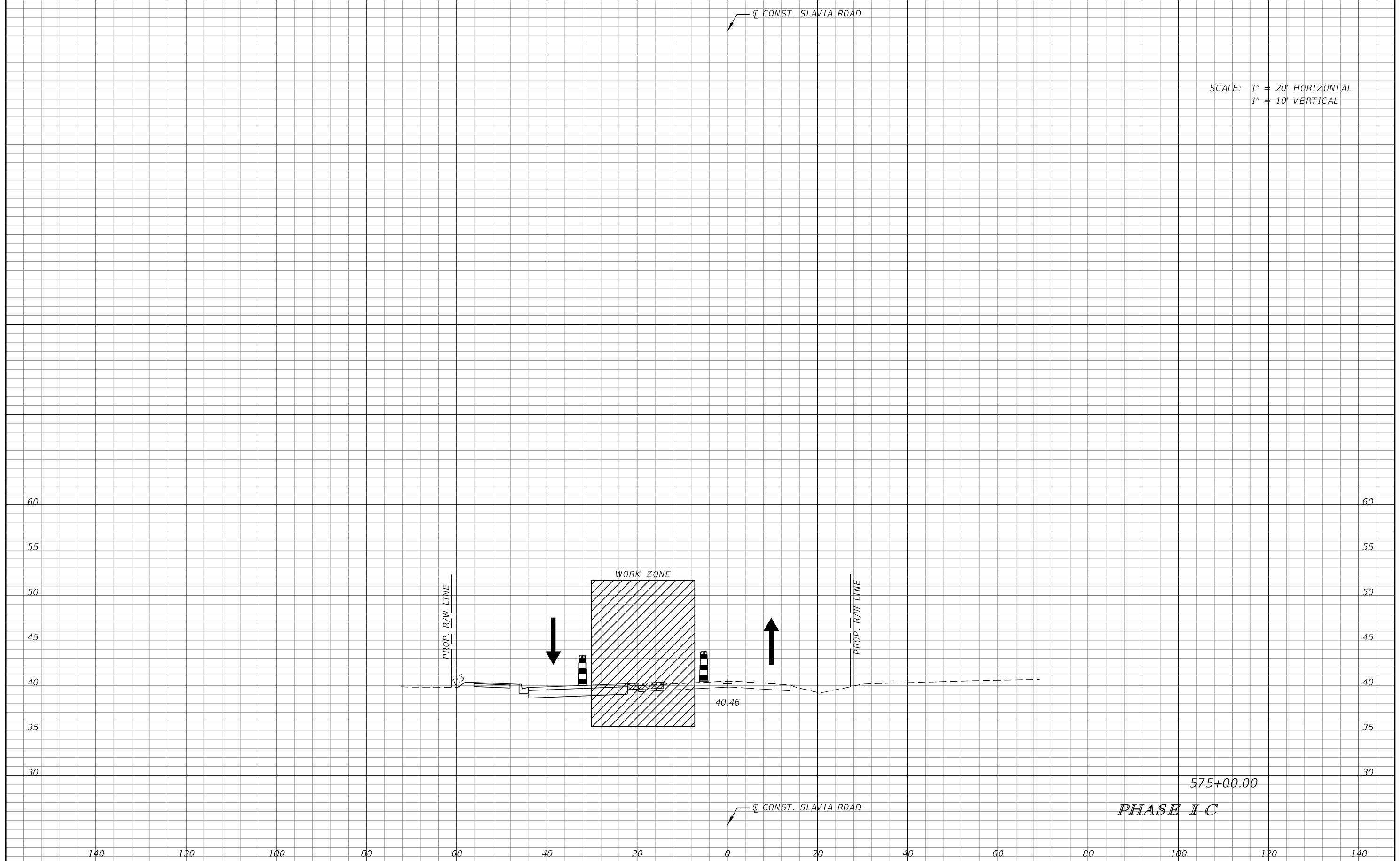
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
141

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



575+00.00

PHASE I-C

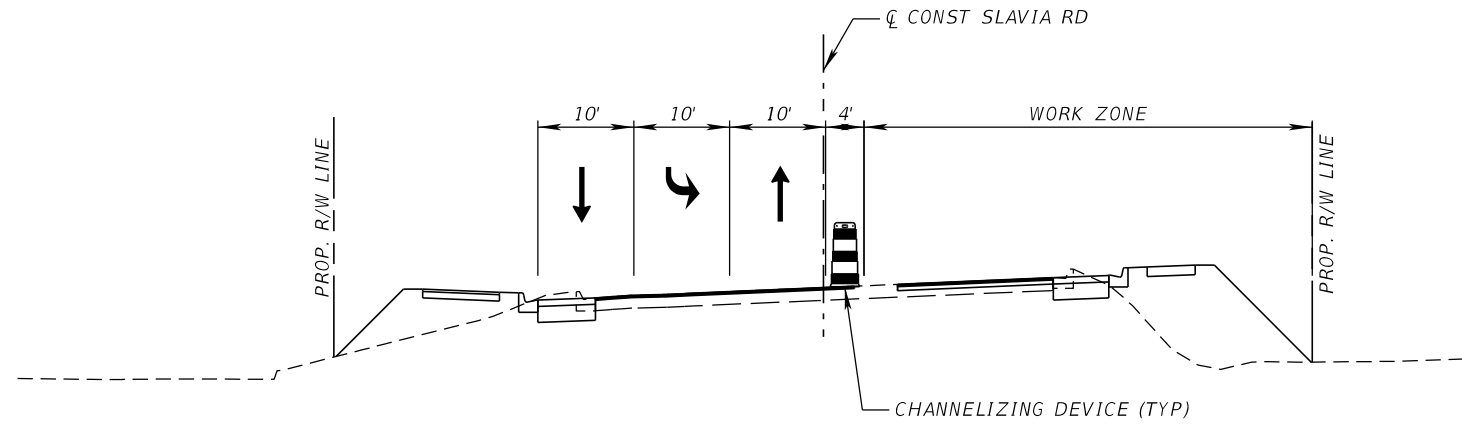
DATE		DESCRIPTION		REVISIONS		SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		SHEET NO. 142
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD	COUNTY PROJECT NO.		CIP NO.		
							SLAVIA	PS-2552-19/GCM	01785146

PHASE NOTES:

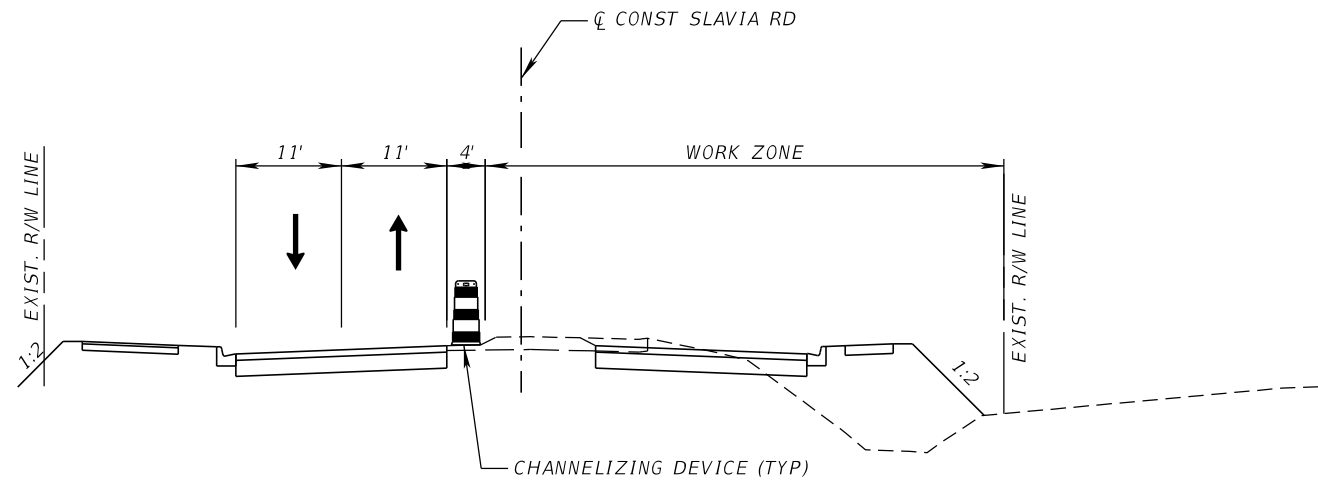
PHASE II

SHIFT TRAFFIC ONTO THE PROPOSED ROAD
CONSTRUCTED IN PHASE I-B AND I-C.

CONSTRUCT PROPOSED ROADWAY AND DRAINAGE
ON EB SLAVIA RD AS SHOWN ON ON THE TRAFFIC
CONTROL TYPICAL SECTIONS AND APPLICABLE
PLAN SHEETS.



PHASE II
SLAVIA RD AT RED BUG LAKE RD



PHASE II
SLAVIA RD

PHASE II

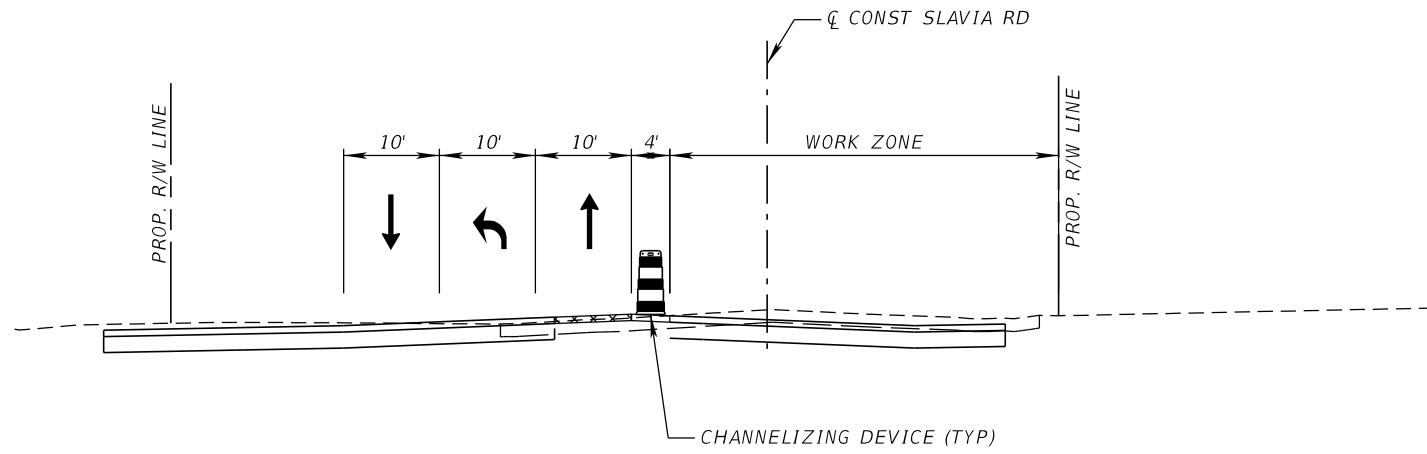
REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 143
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

PHASE NOTES:

PHASE II

SHIFT TRAFFIC ONTO THE PROPOSED ROAD
CONSTRUCTED IN PHASE I-B AND I-C.

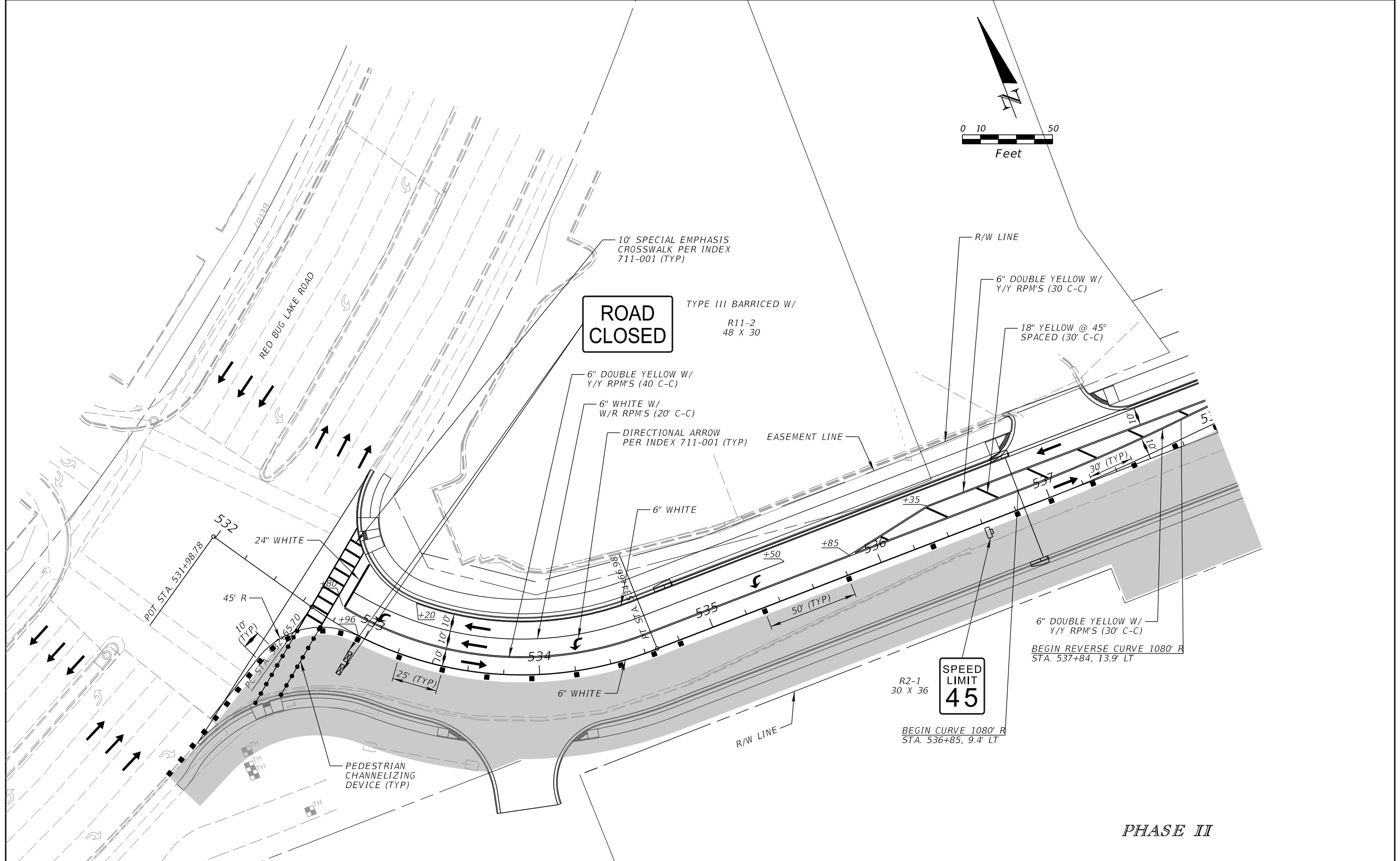
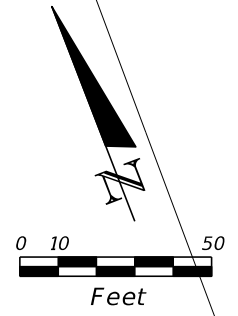
CONSTRUCT PROPOSED ROADWAY AND DRAINAGE
ON EB SLAVIA RD AS SHOWN ON ON THE TRAFFIC
CONTROL TYPICAL SECTIONS AND APPLICABLE
PLAN SHEETS.



PHASE II
SLAVIA RD AT ALOMA AVE

PHASE II

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 144
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		



PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

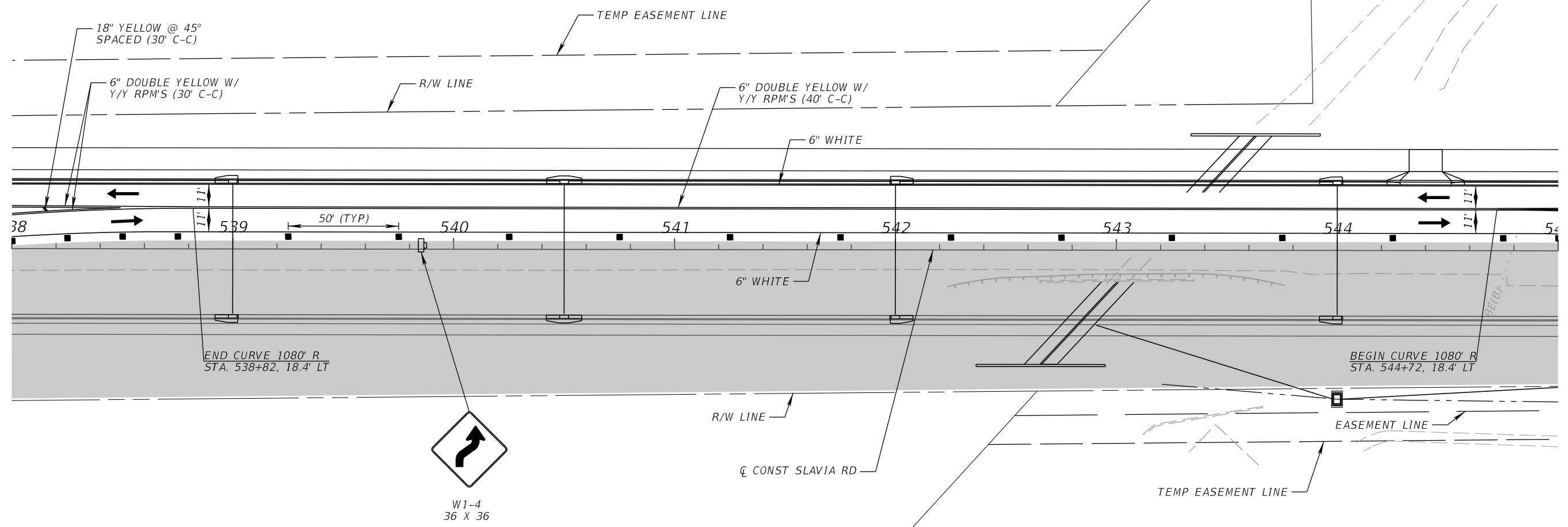
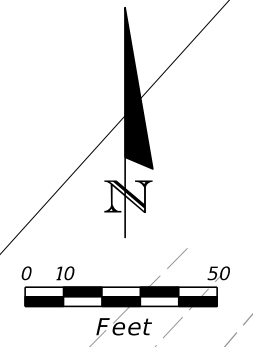
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
145

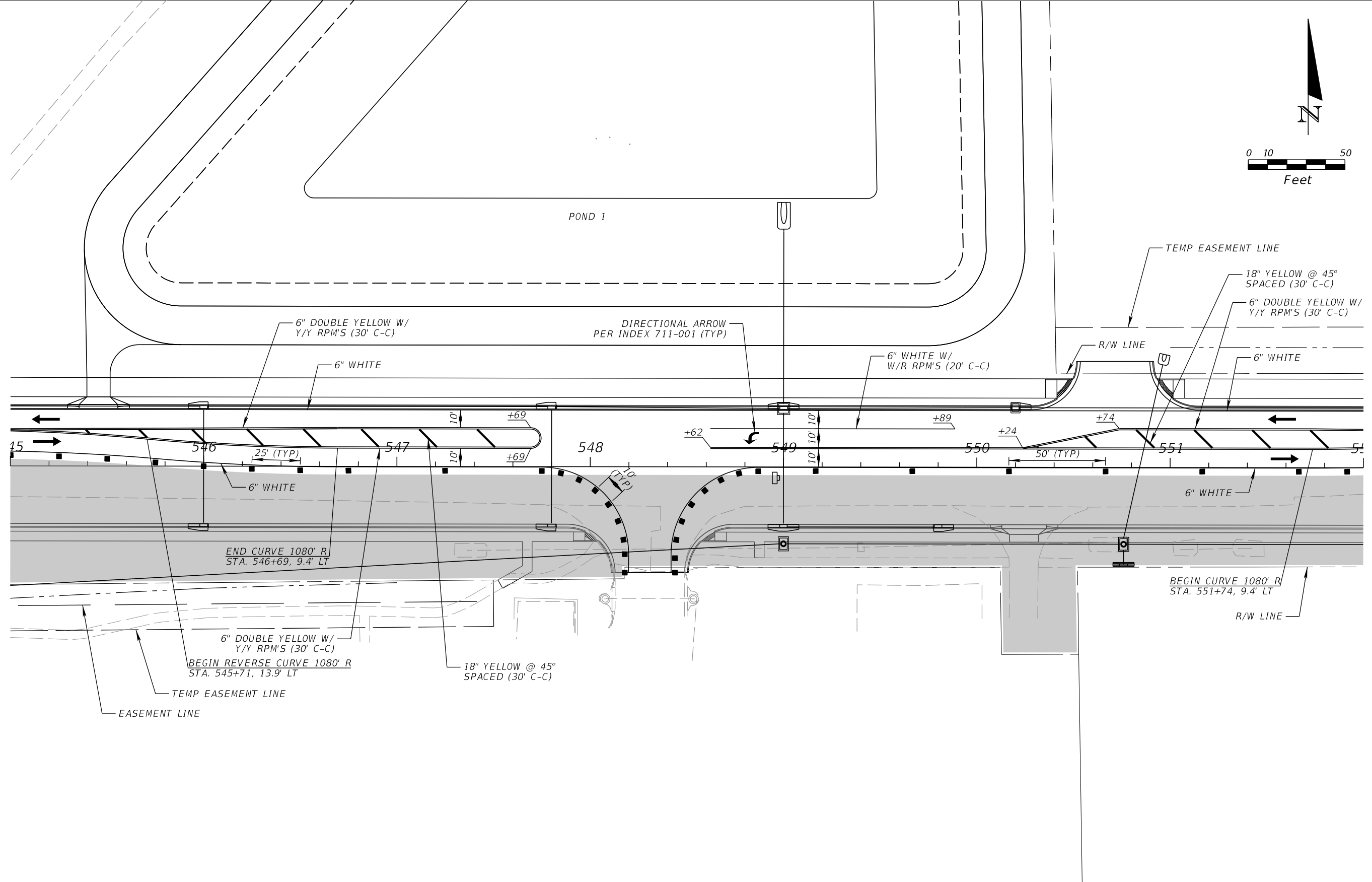
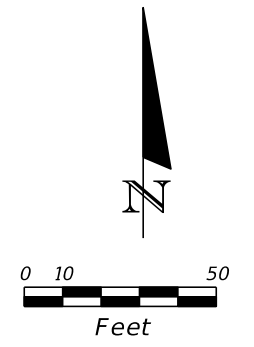
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.




PHASE II

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 146
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	

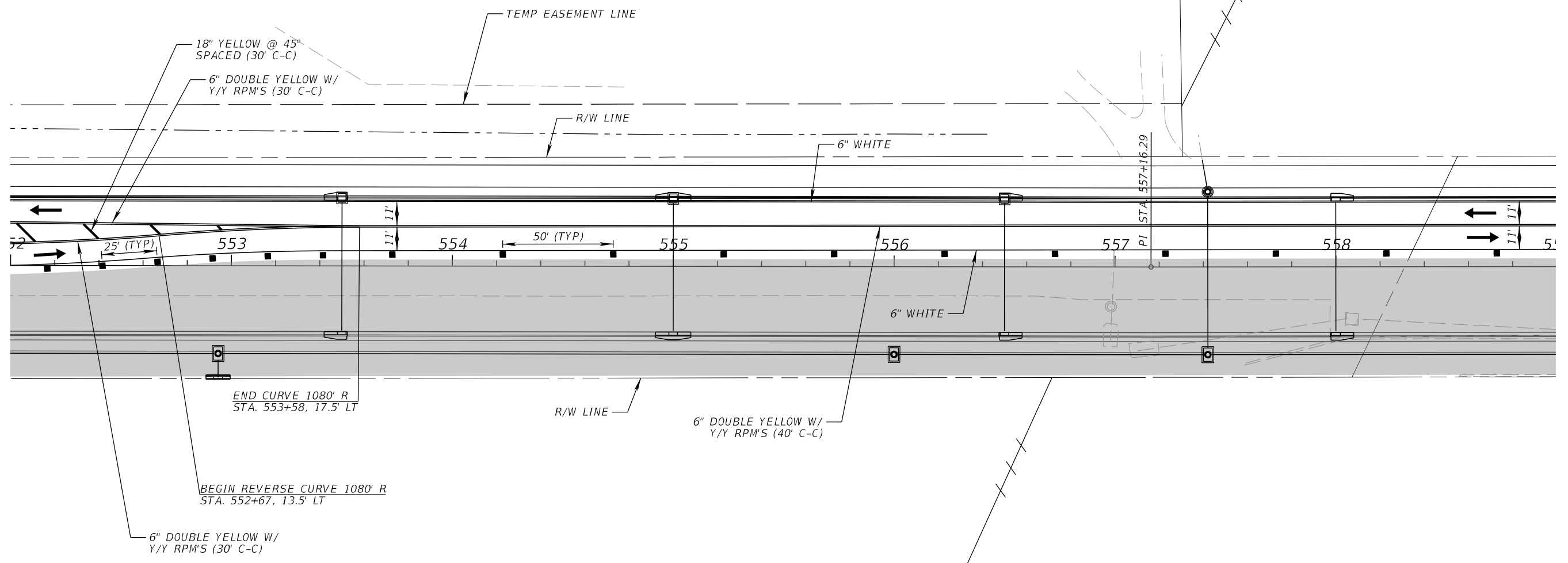
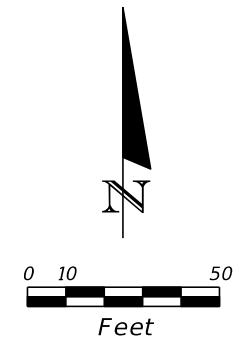
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.




PHASE II

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 147
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

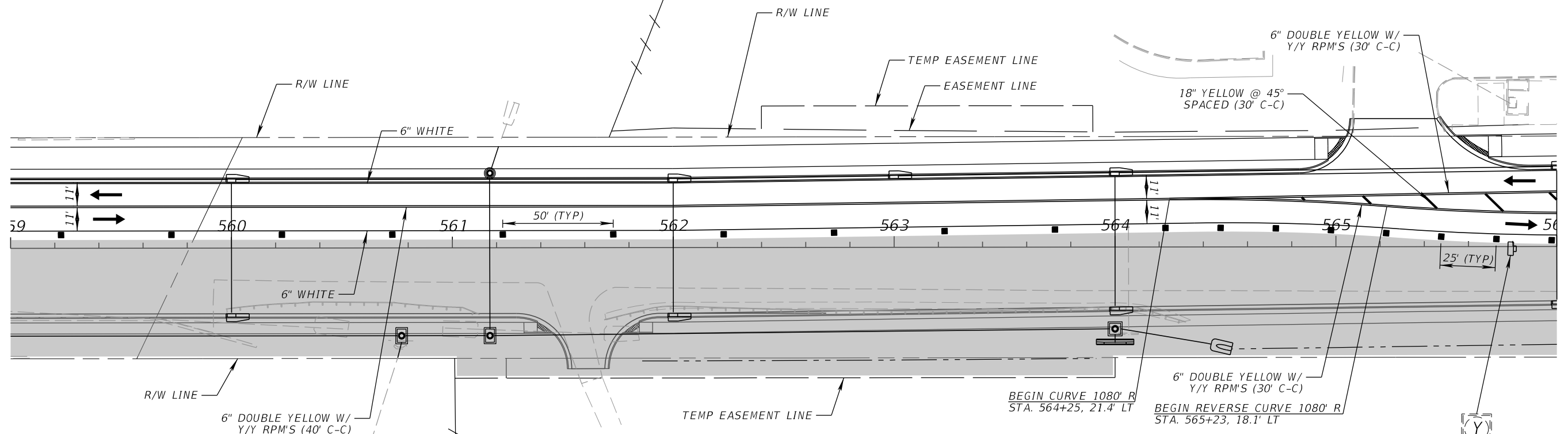
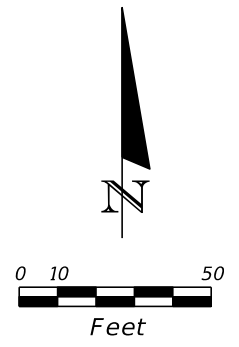
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE II

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 148
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

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EXIST SIGN
TO BE RELOCATED

PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

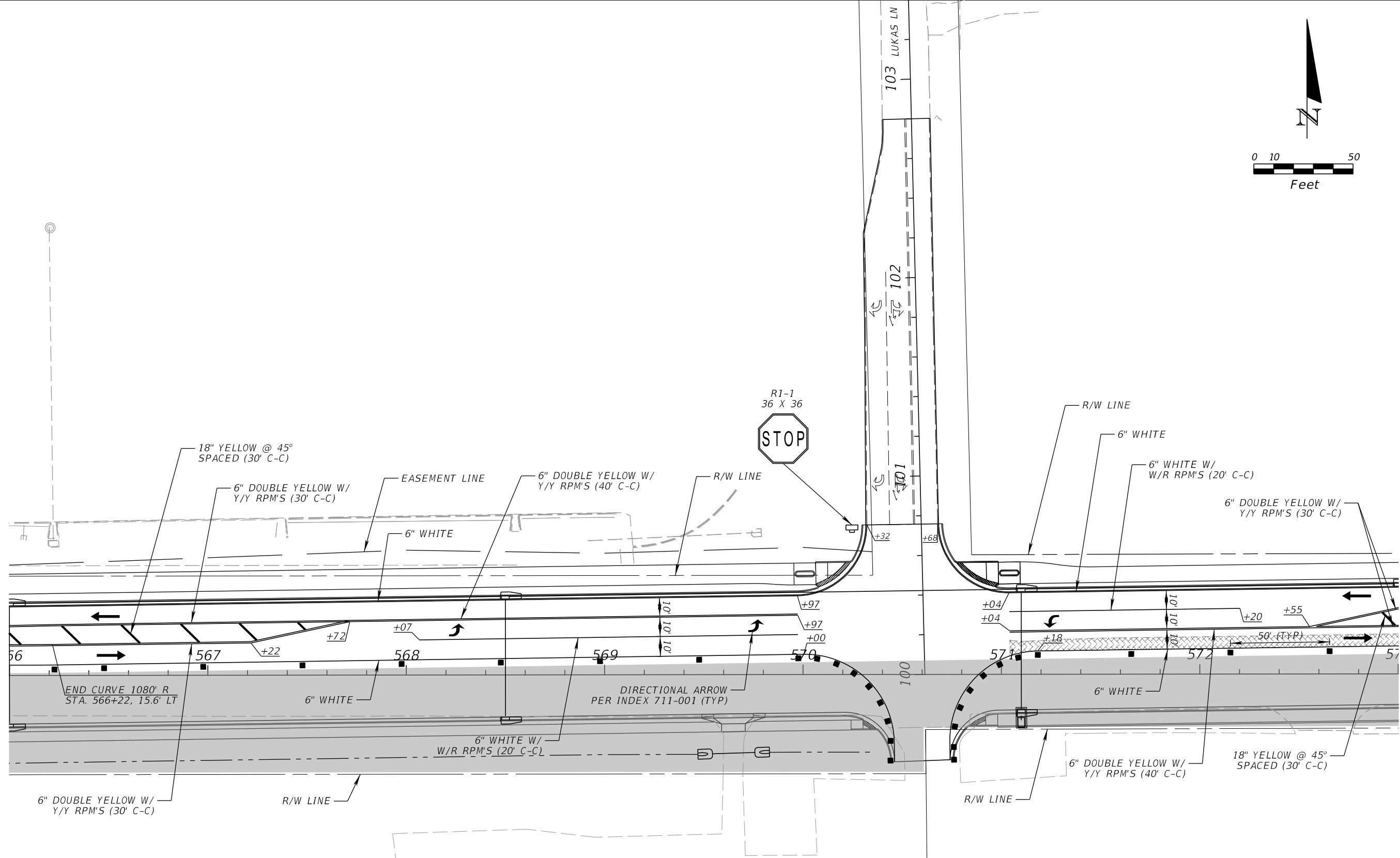
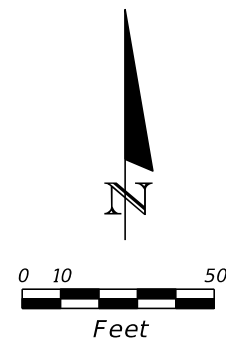
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SAFARI COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET
NO.
149

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



PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

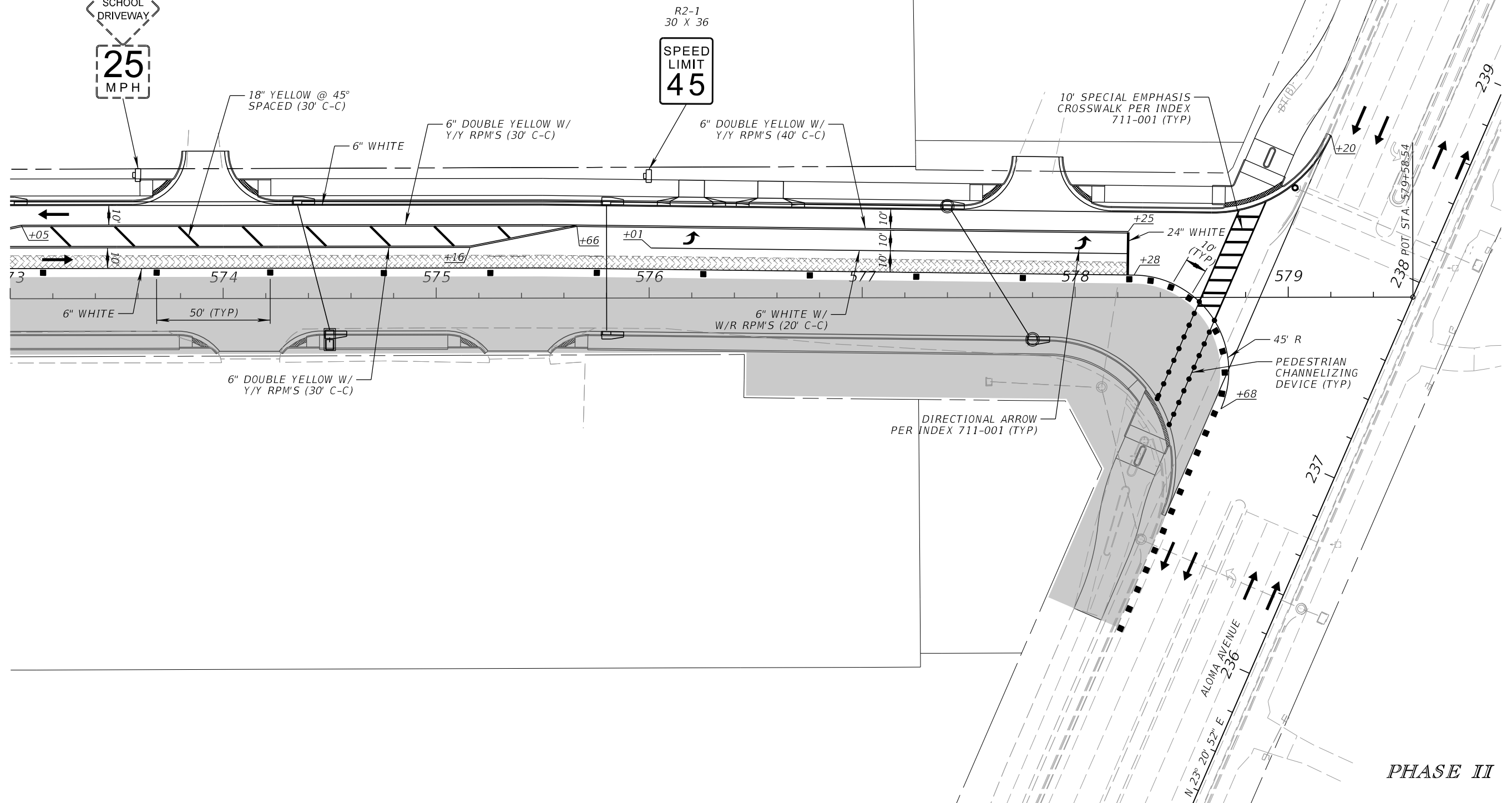
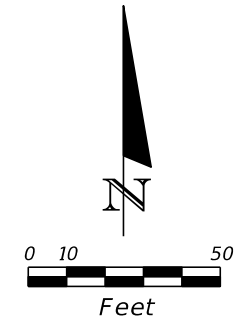
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 150
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

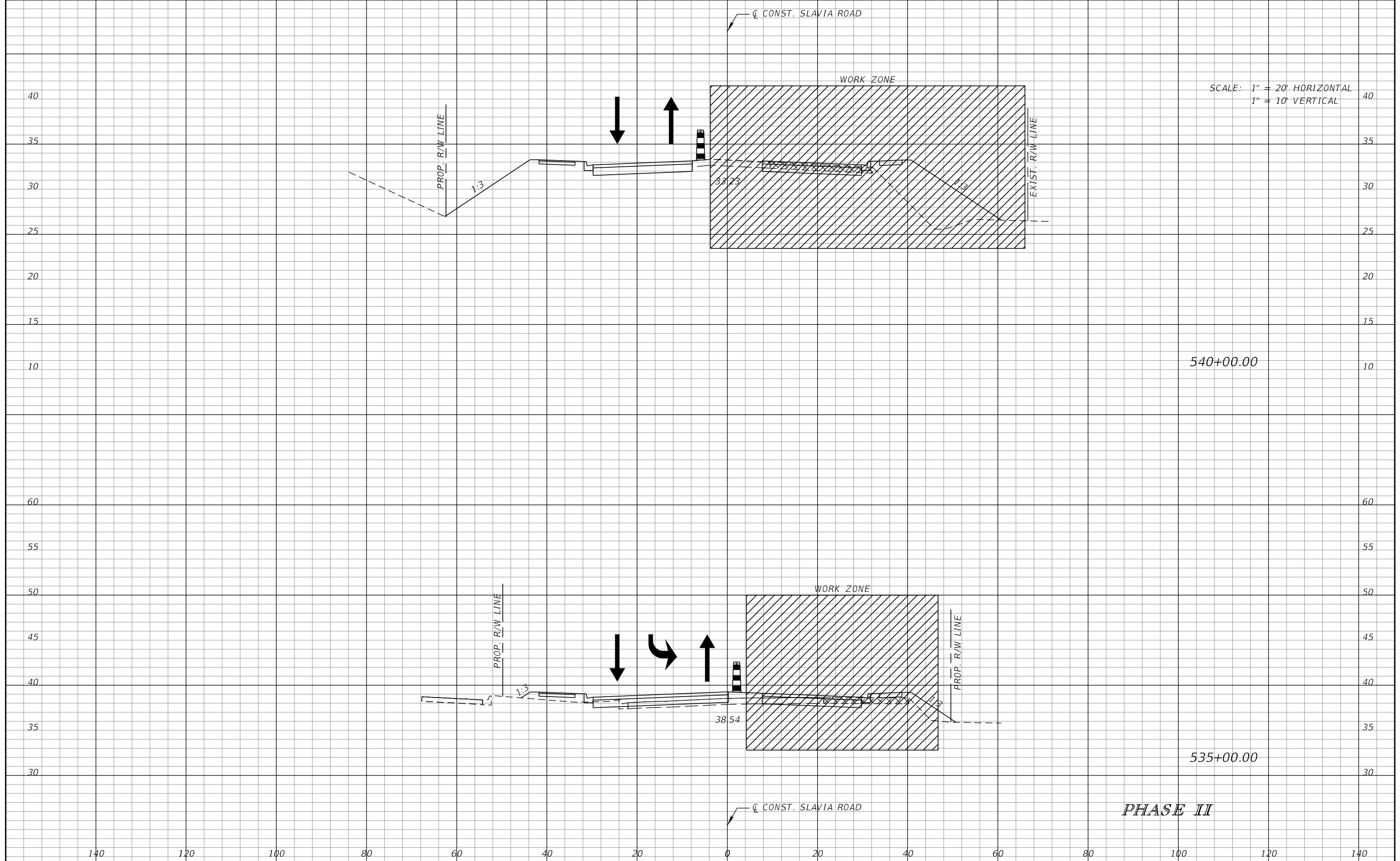
EXIST SIGN
TO BE RELOCATED



PHASE II

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		SEMINOLE COUNTY SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146		TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 151
DATE	DESCRIPTION	DATE	DESCRIPTION							

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




540+00.00

535+00.00

PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

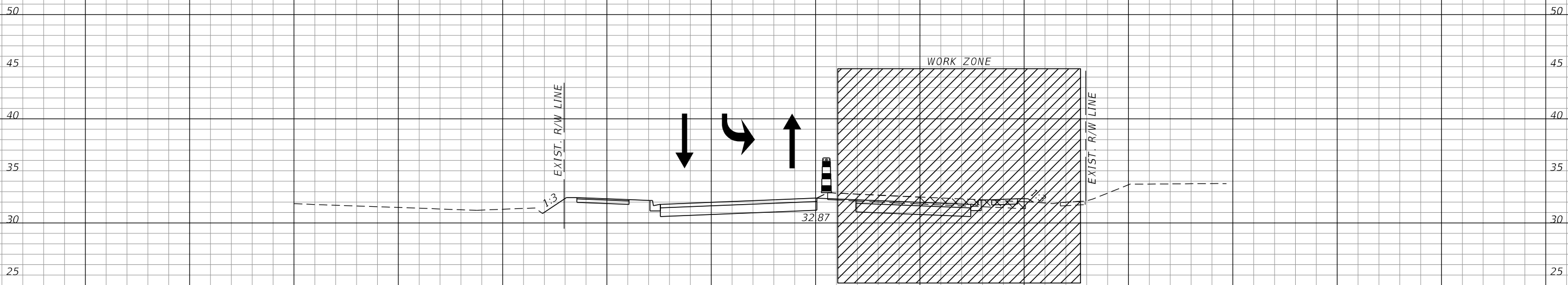
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SOUTHERN CROSS</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

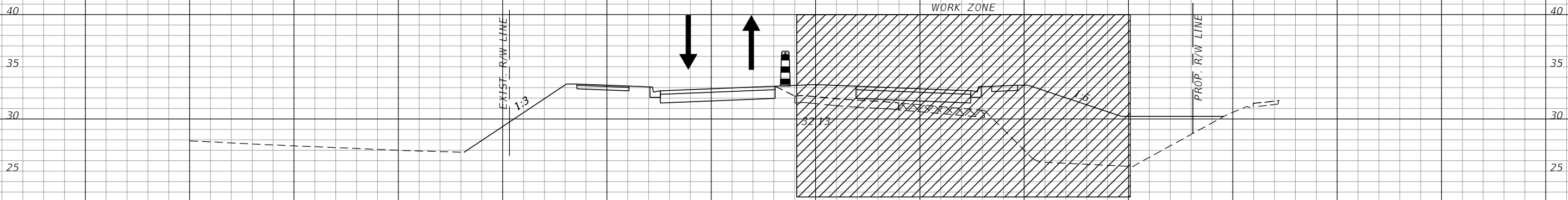
TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
152

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



550+00.00




545+00.00

PHASE II

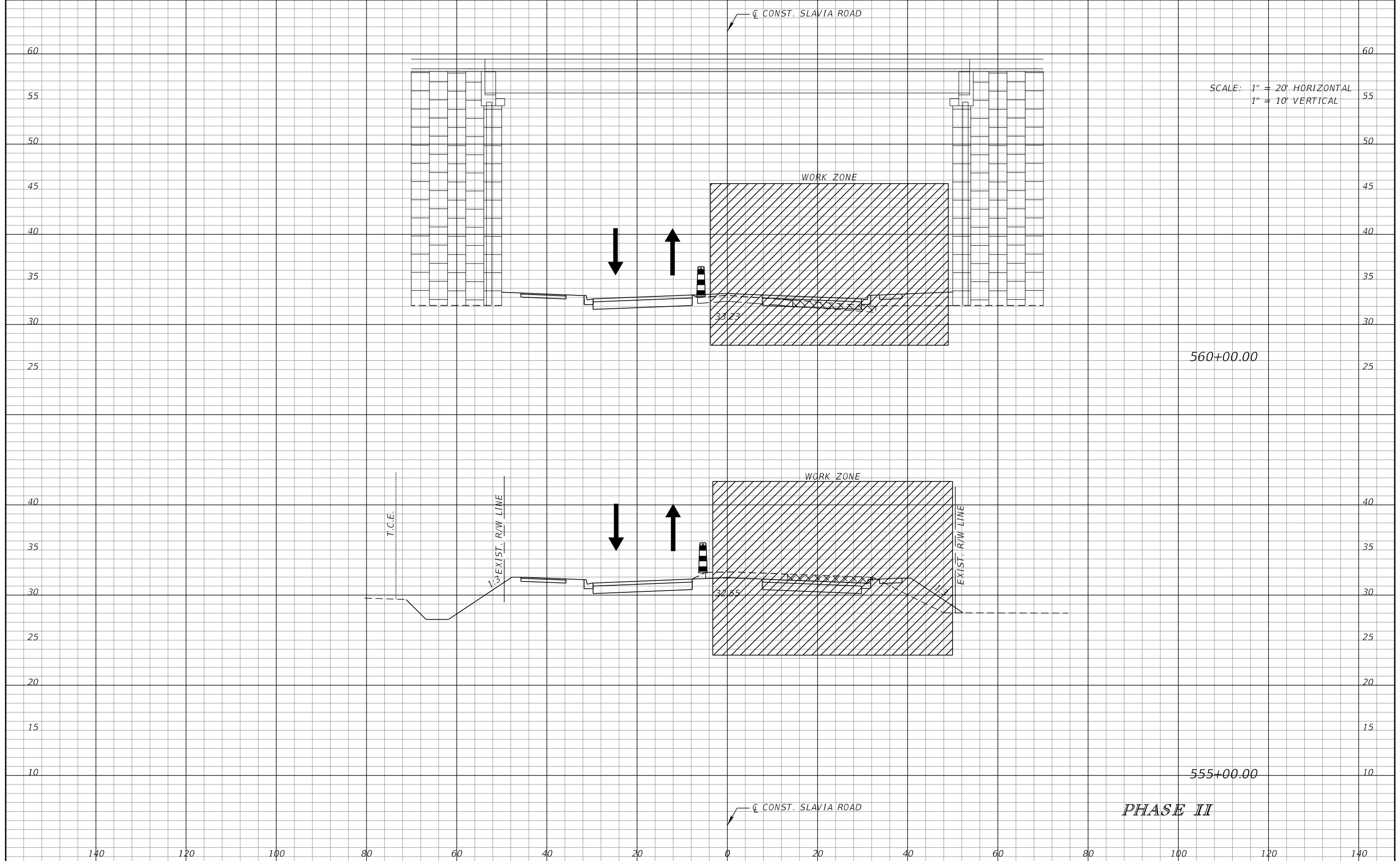
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
153



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

560+00.00

555+00.00

PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

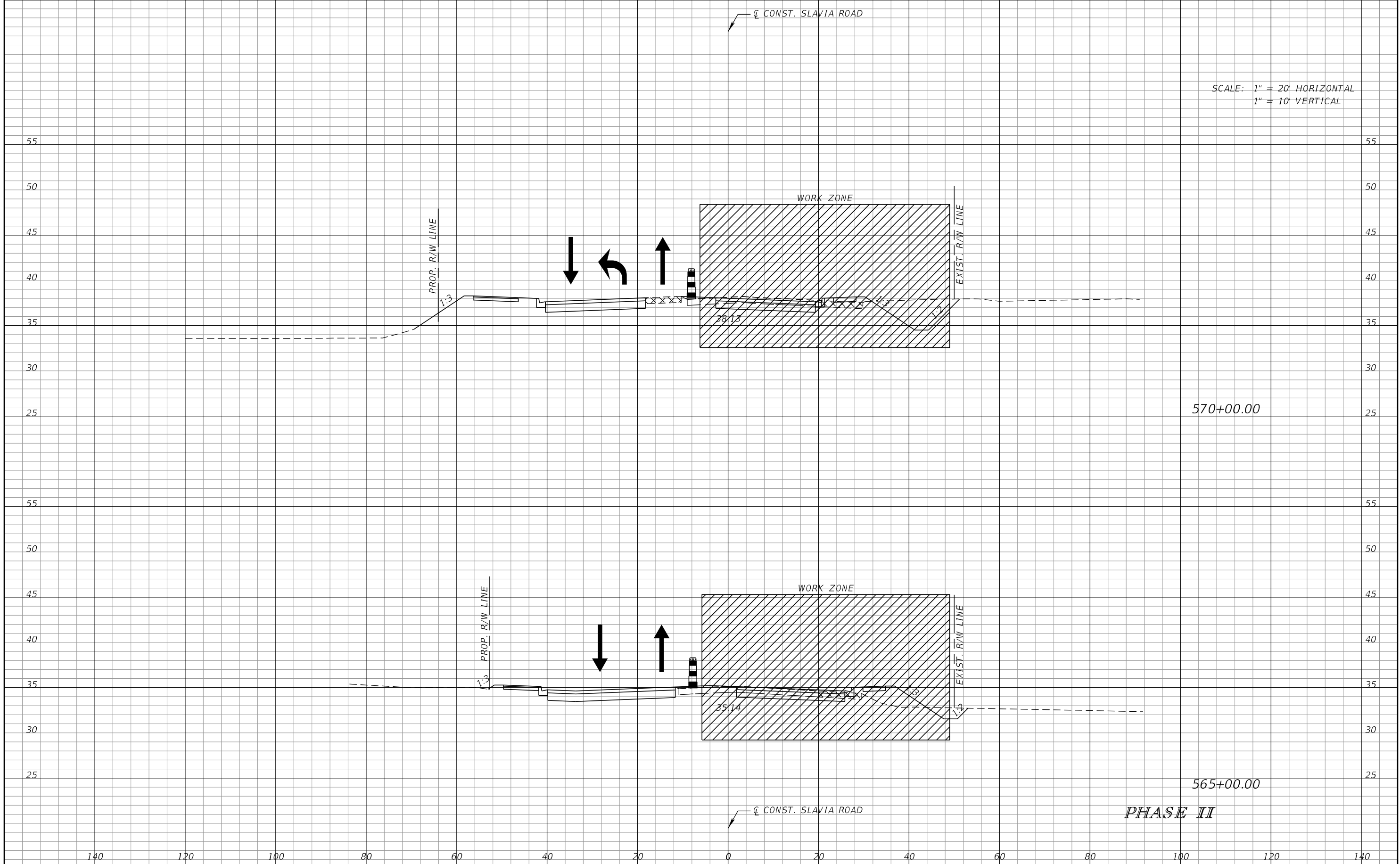
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <i>FLORIDA'S SUNSHINE STATE</i>		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET NO.
154

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

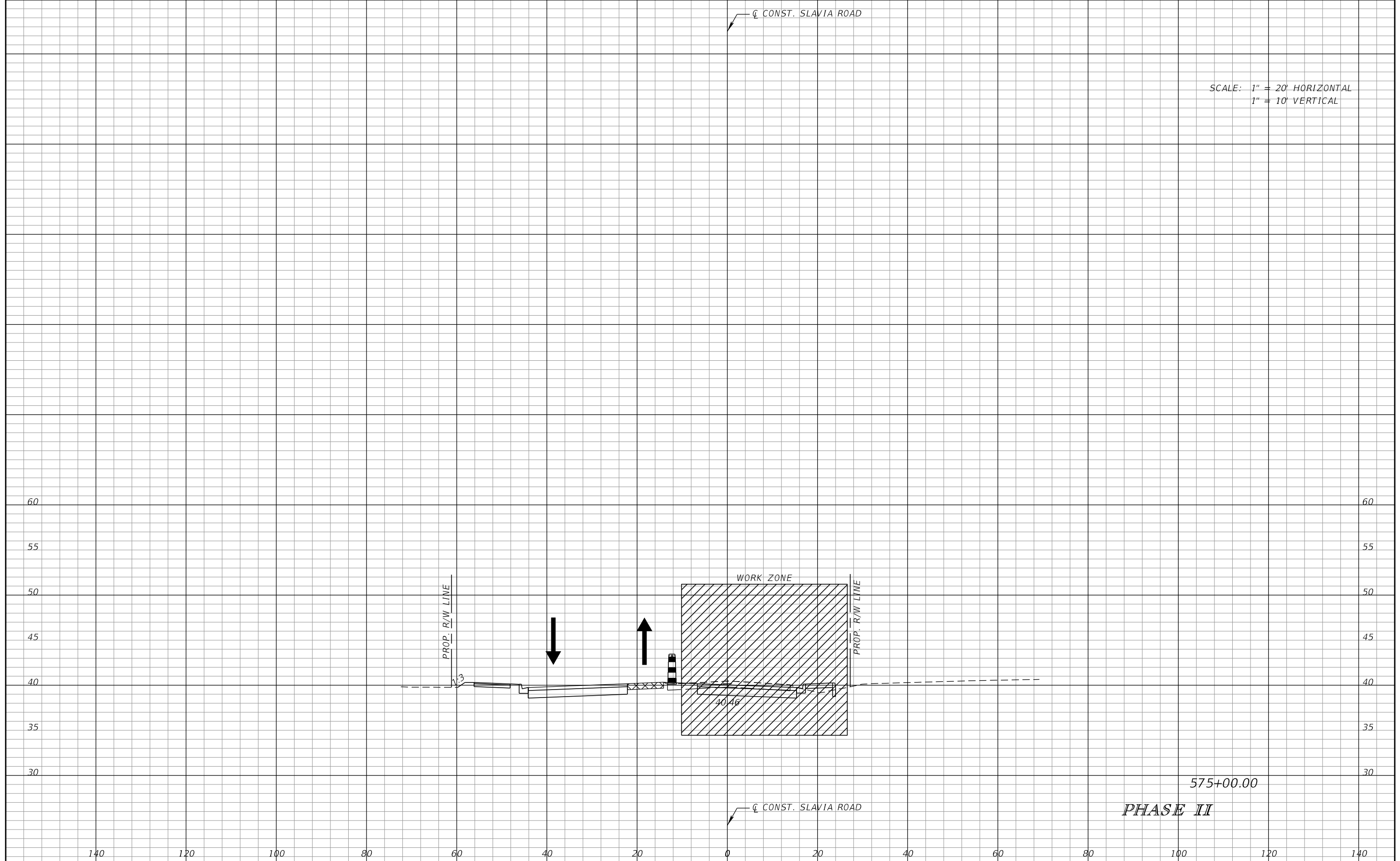
SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>	
ROAD	COUNTY PROJECT NO.
SLAVIA	PS-2552-19/GCM
CIP NO.	
01785146	

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
155

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL



DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION	

SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803			SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>			TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 156
ROAD	COUNTY PROJECT NO.		CIP NO.					
SLAVIA	PS-2552-19/GCM		01785146					

PHASE NOTES:

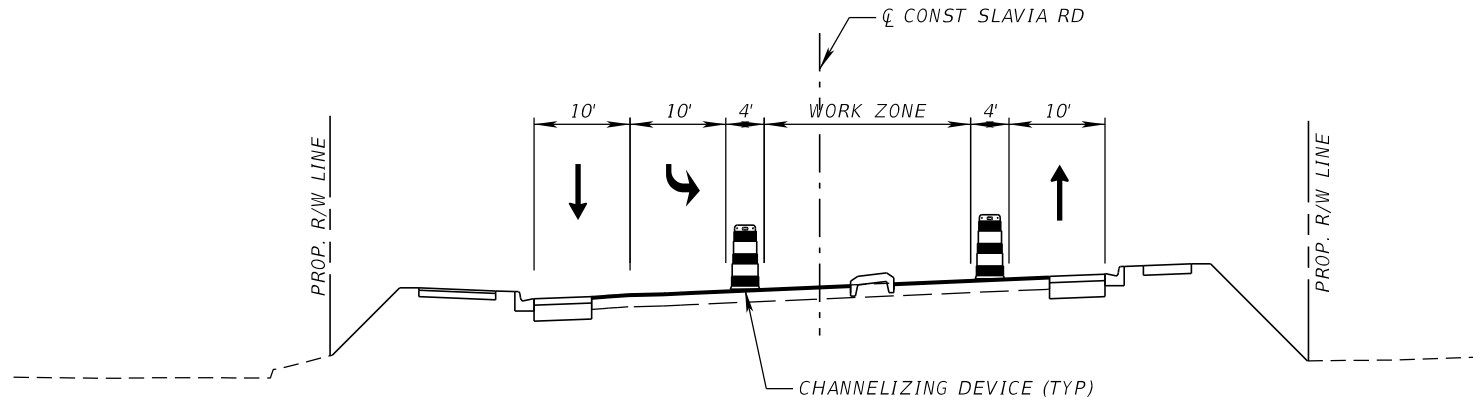
PHASE III

COMPLETE THE PROPOSED ROADWAY AND DRAINAGE CONSTRUCTION

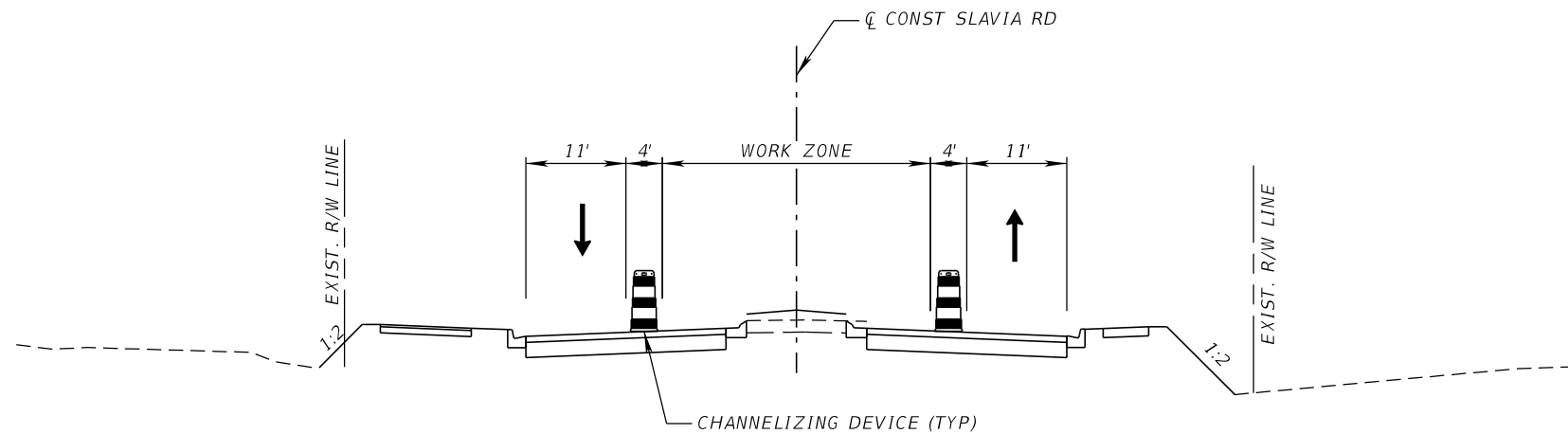
CONSTRUCT THE PROPOSED SIGNAL AT THE SLAVIA RD AND LUKAS LN INTERSECTION.

PHASE IV (NOT SHOWN)

UTILIZE APPLICABLE STANDARD PLANS TO MILL AND RESURFACE AND PLACE THE FINAL PAVEMENT MARKINGS



PHASE III
SLAVIA RD AT RED BUG LAKE RD



PHASE III
SLAVIA RD

PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY SEMINOLE COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 157
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

PHASE NOTES:

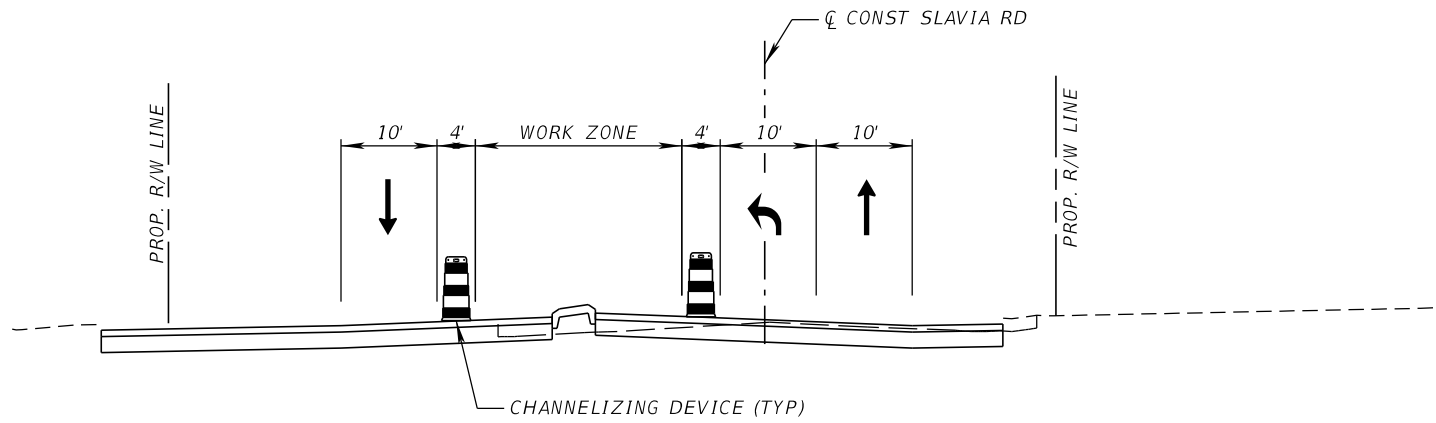
PHASE III

COMPLETE THE PROPOSED ROADWAY AND DRAINAGE CONSTRUCTION

CONSTRUCT THE PROPOSED SIGNAL AT THE SLAVIA RD AND LUKAS LN INTERSECTION.

PHASE IV (NOT SHOWN)

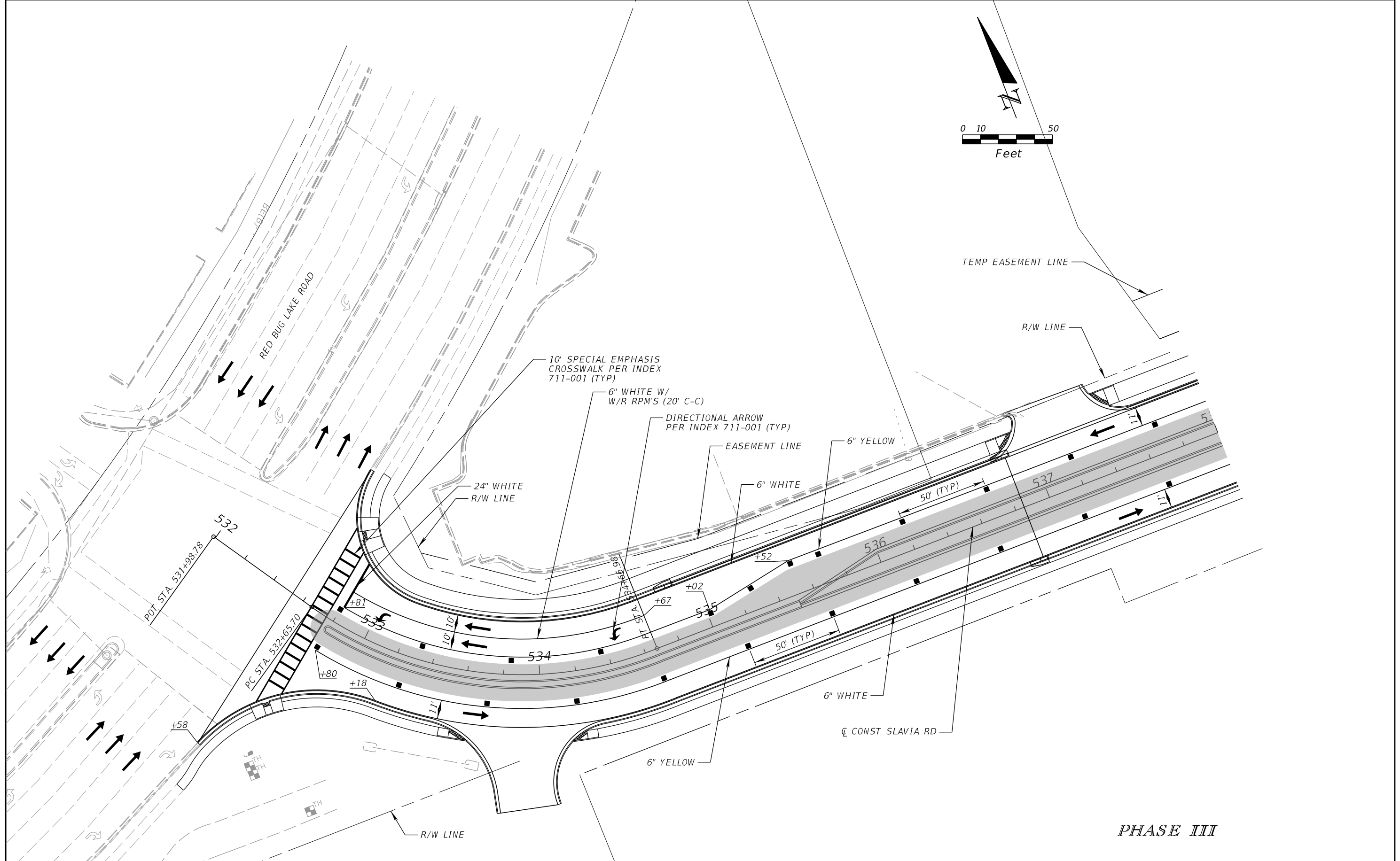
UTILIZE APPLICABLE STANDARD PLANS TO MILL AND RESURFACE AND PLACE THE FINAL PAVEMENT MARKINGS



PHASE III
SLAVIA RD AT ALOMA AVE

PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SHEET NO. 158
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.	
					SLAVIA	PS-2552-19/GCM	01785146	



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

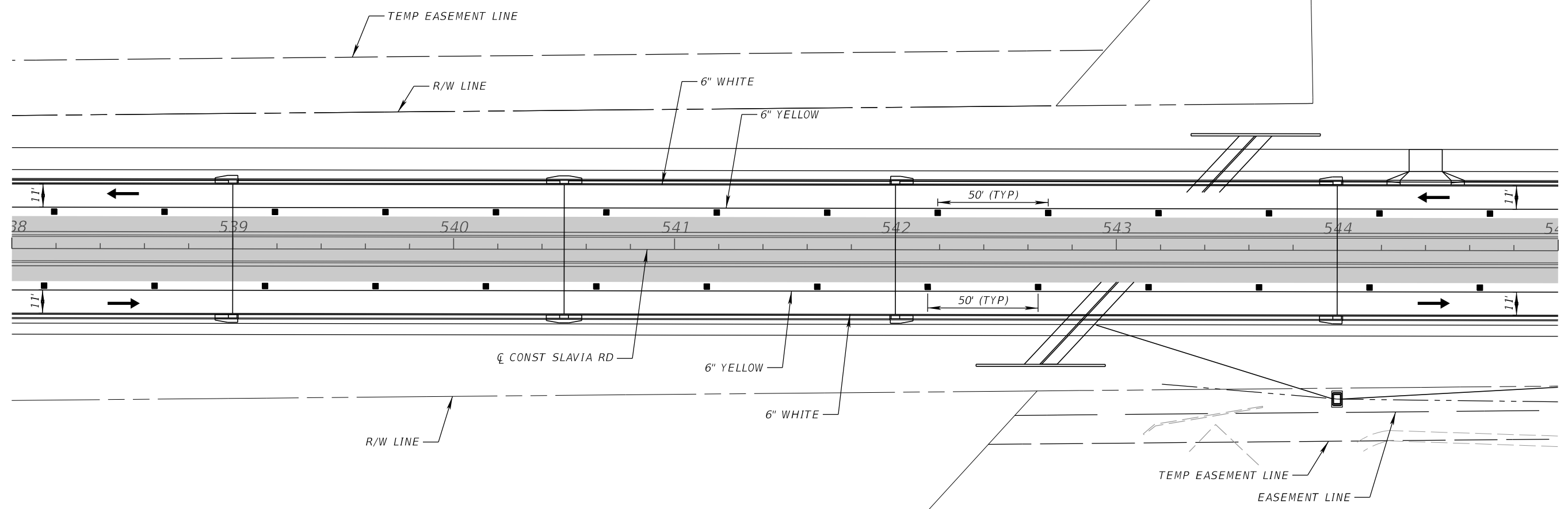
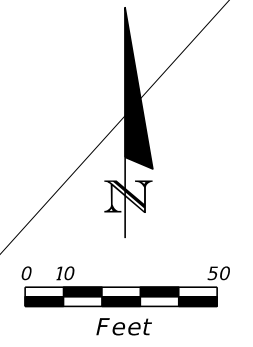
SCOTT M. BICKAR, P.E.
 P.E. LICENSE NUMBER 82643
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
159

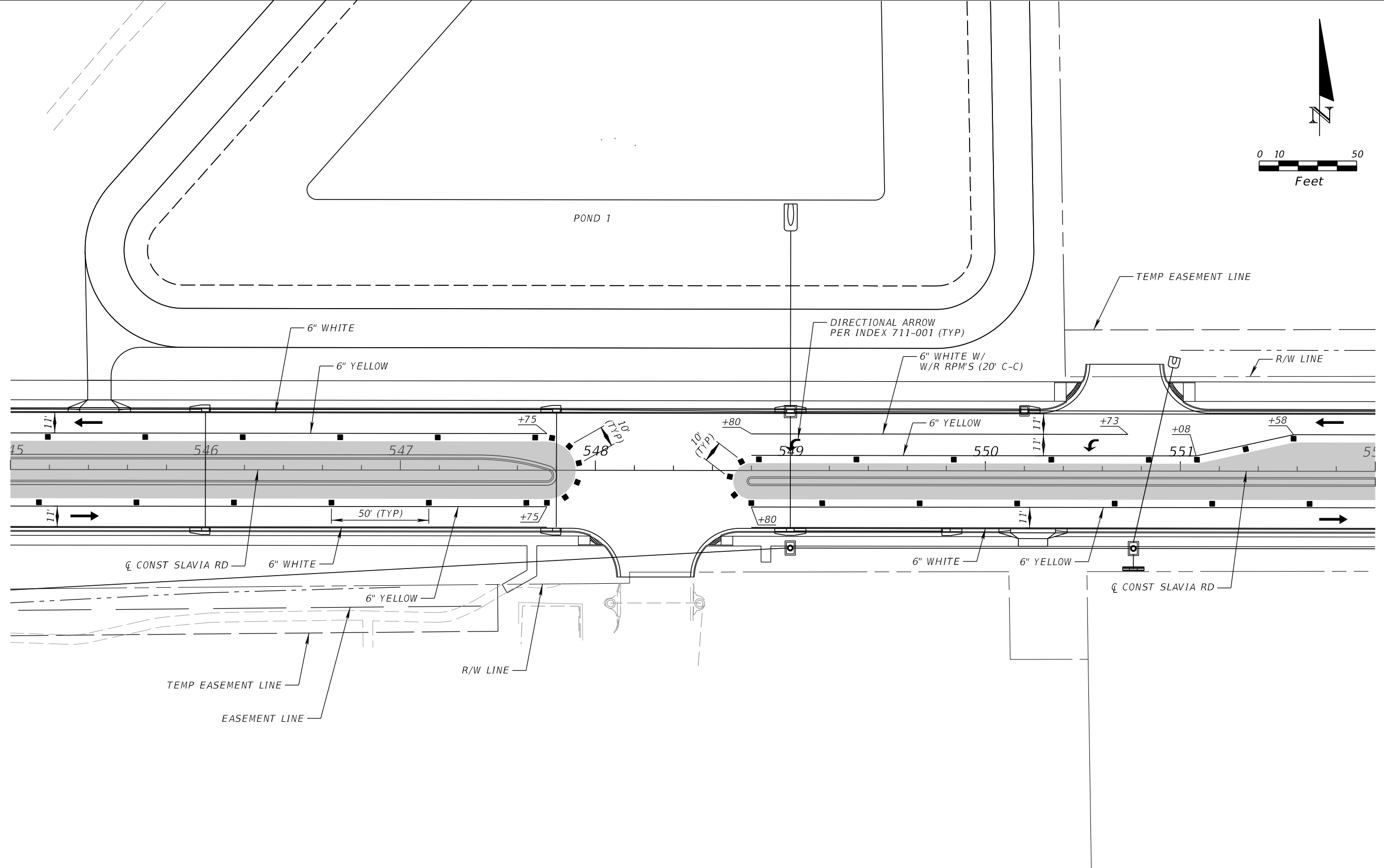
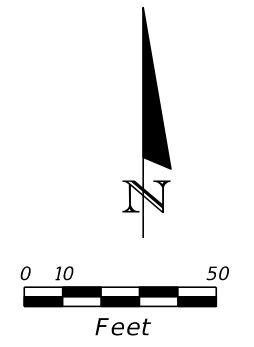
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PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 160
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

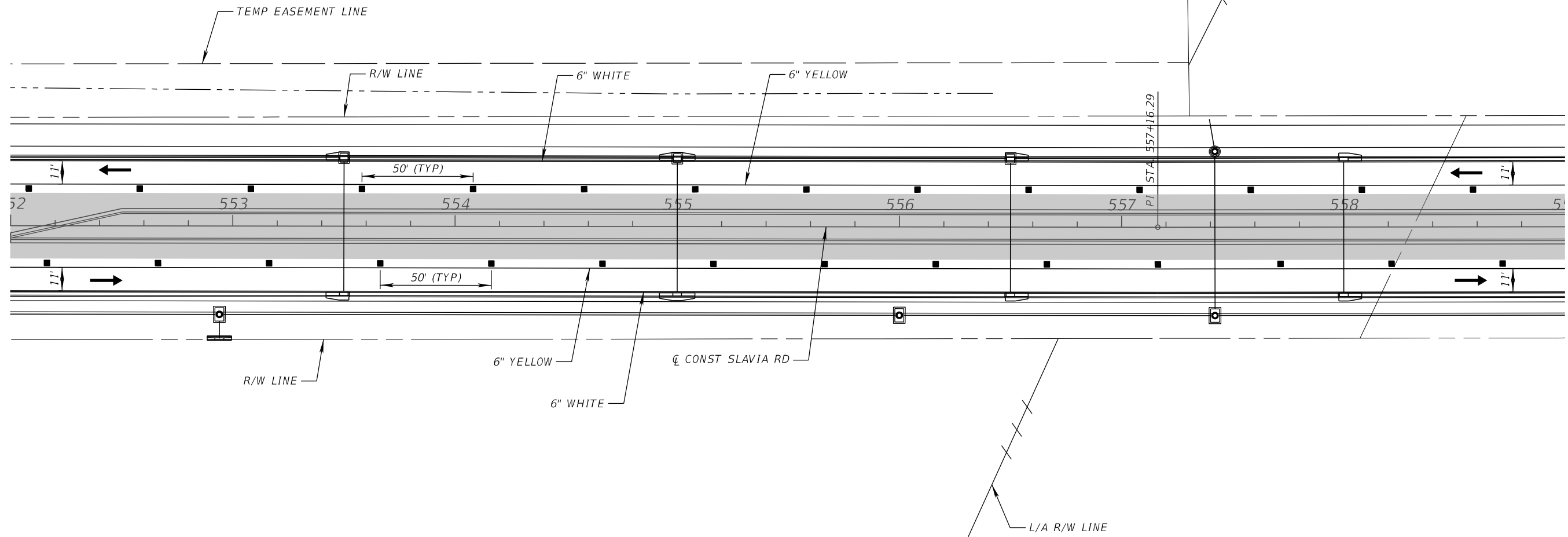
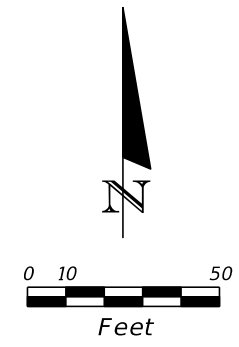
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 161
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

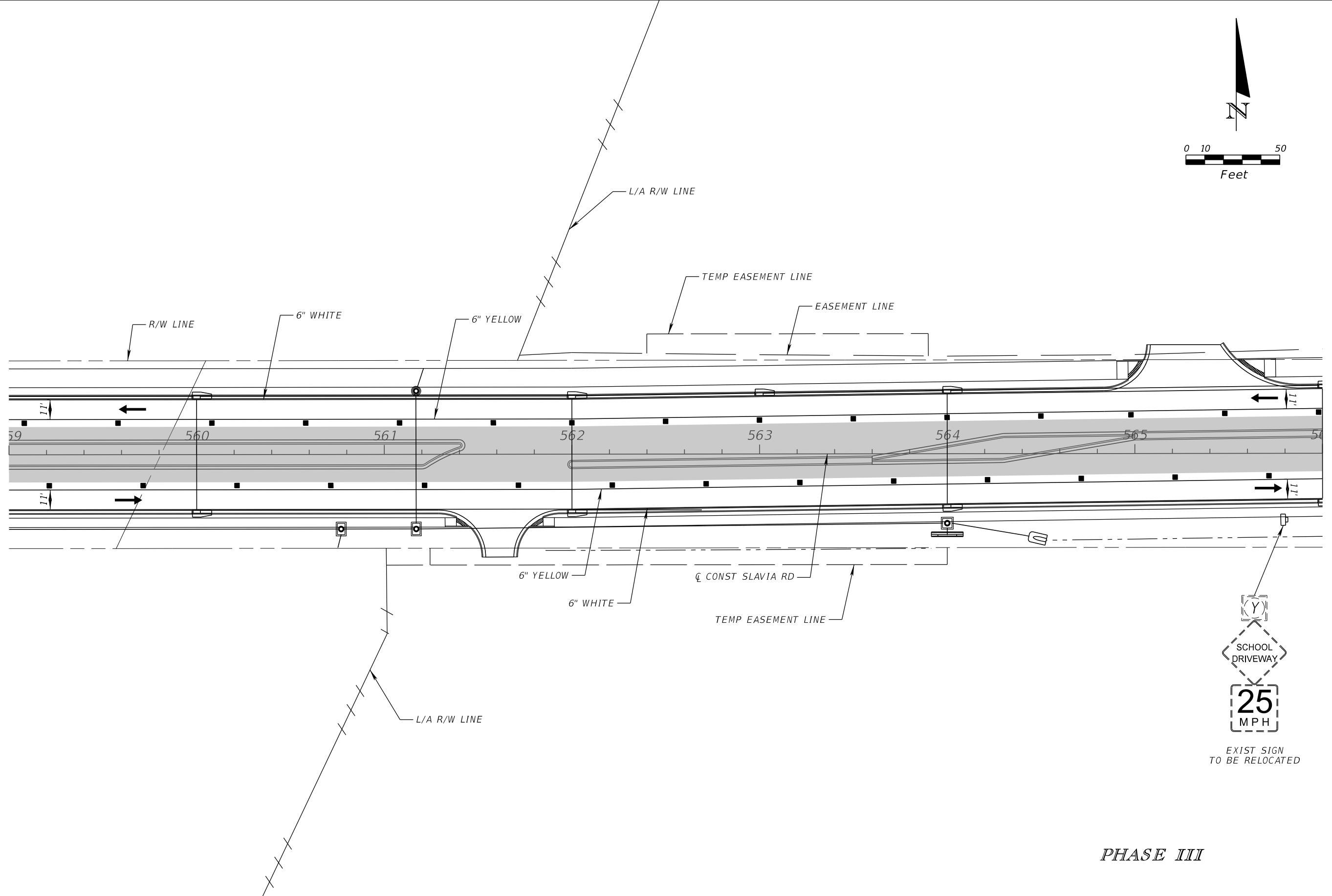
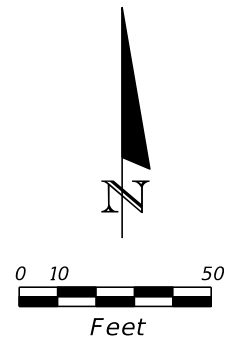
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 162
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
				SLAVIA	PS-2552-19/GCM	01785146		

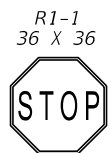
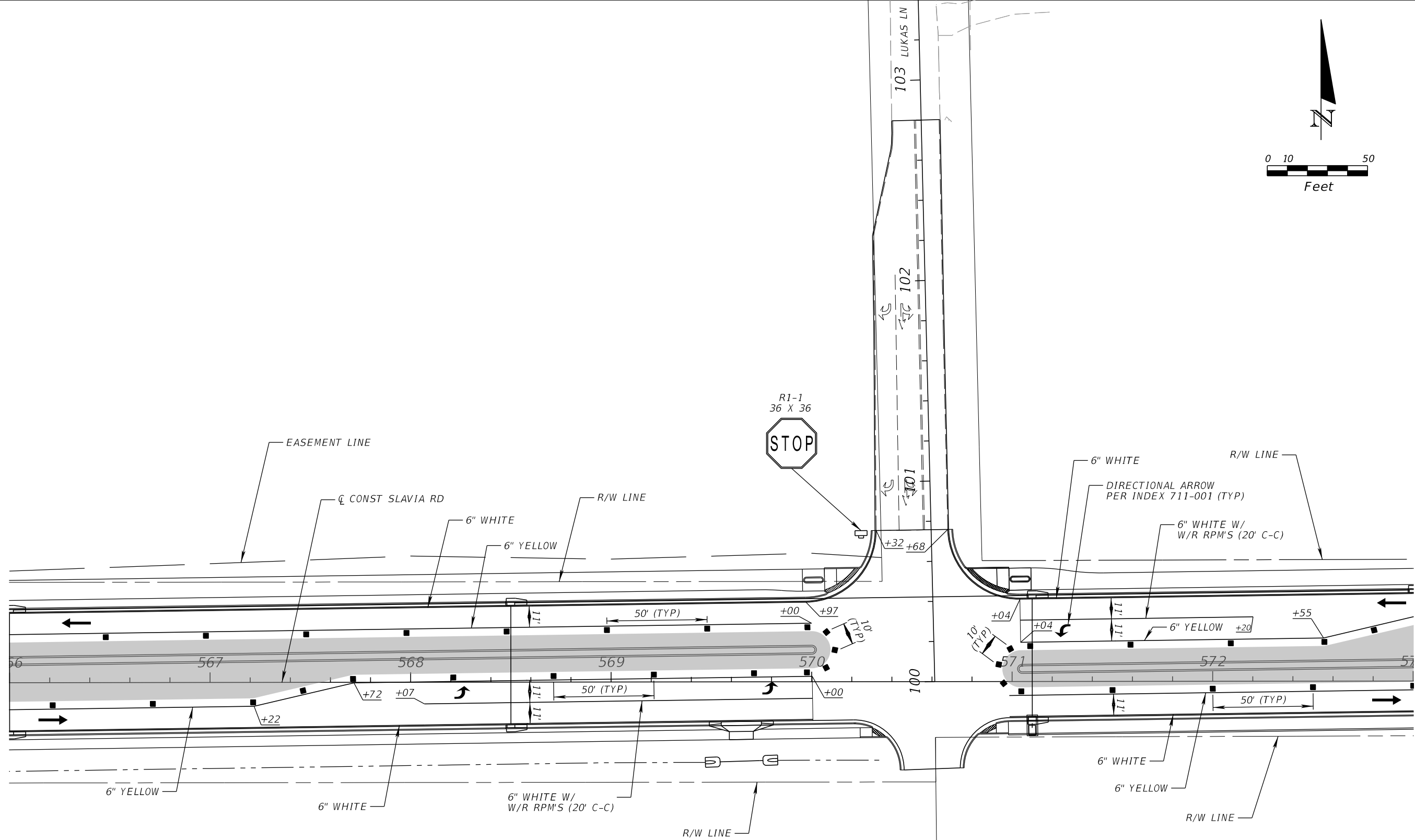
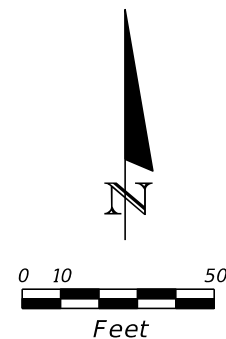
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PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 163
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

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

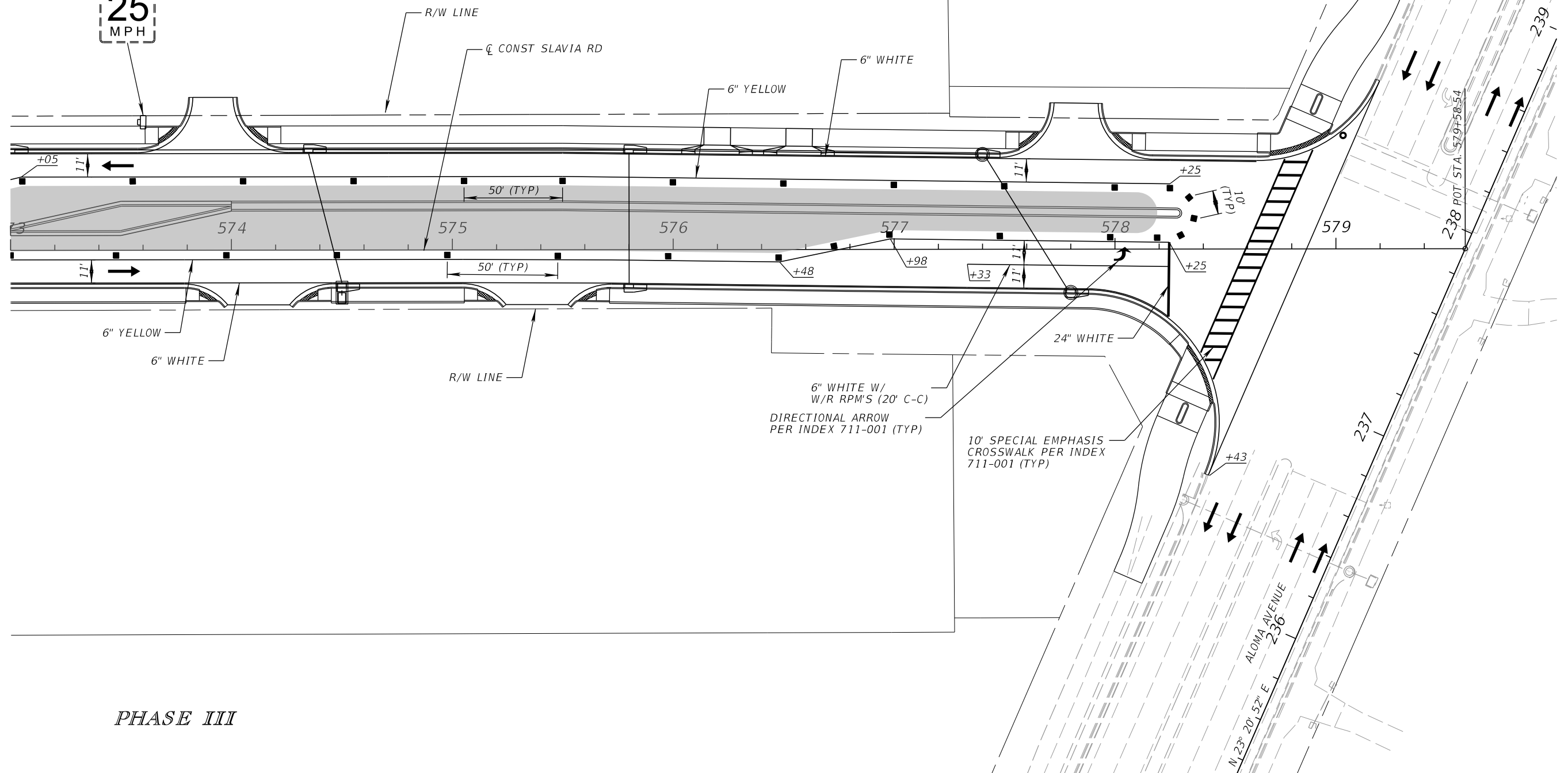
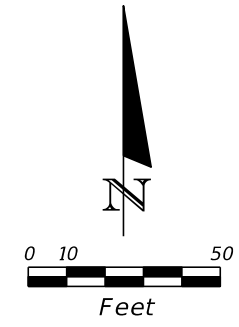


PHASE III

REVISIONS				SCOTT M. BICKAR, P.E. P.E. LICENSE NUMBER 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO. 164
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.		
					SLAVIA	PS-2552-19/GCM	01785146	

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EXIST SIGN
TO BE RELOCATED



PHASE III

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

SEMINOLE COUNTY <small>FLORIDA'S SHARPEST CURVE</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO. 165
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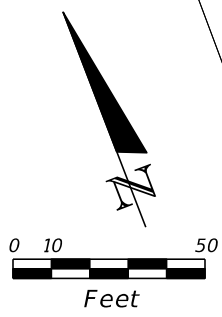
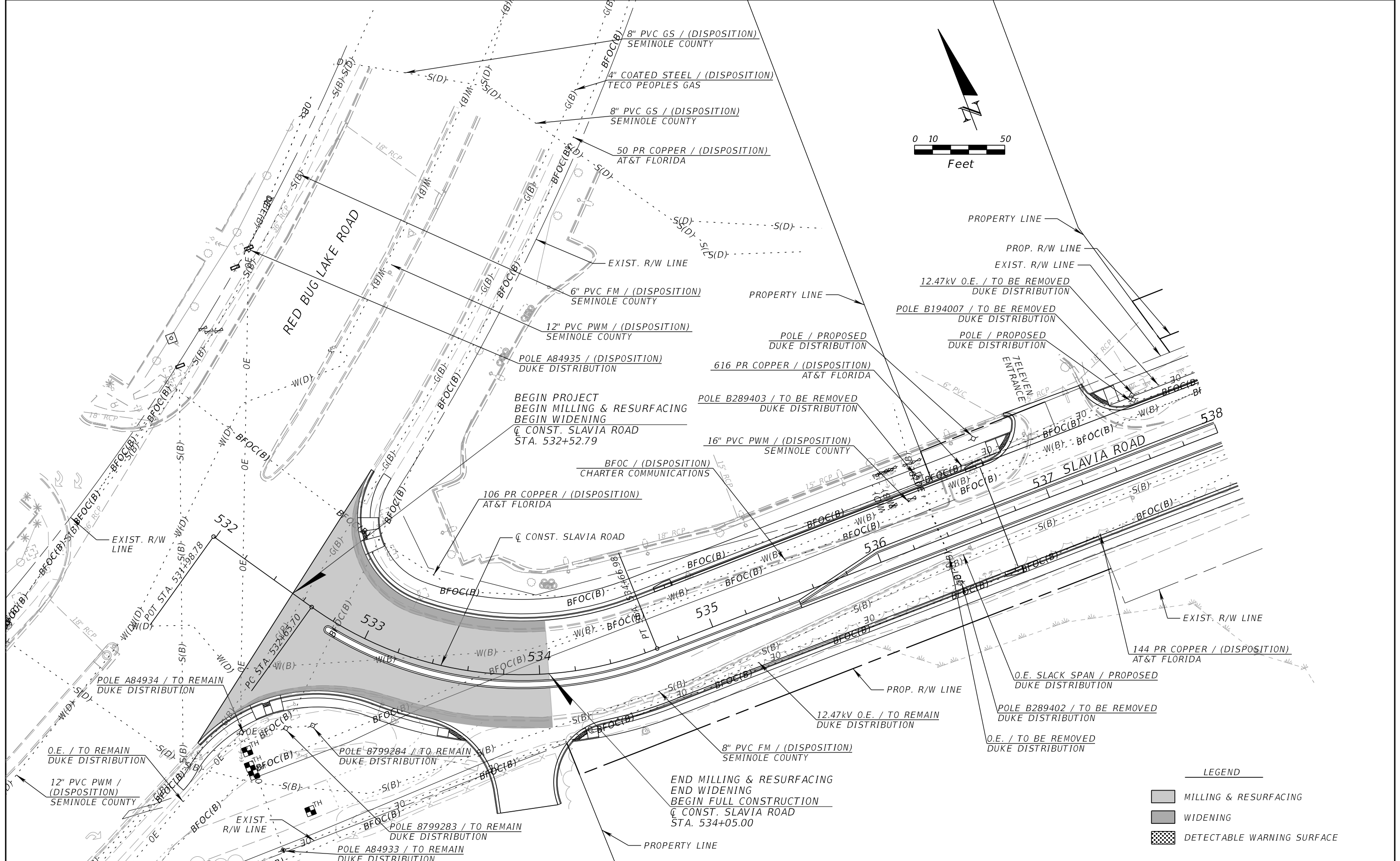
UTILITY ADJUSTMENTS NOTES
=====

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. UTILITY/AGENCY OWNERS:

<u>COMPANY</u>	<u>CONTACT</u>	<u>TELEPHONE NUMBERS</u>
AT&T FLORIDA DISTRIBUTION	DING FARRUGGIO	(561) 997-0240
CENTURYLINK	MARLON BROWN	(877) 366-8344 X2
CHARTER COMMUNICATIONS	MARVIN USRY	(407) 532-8509
CROWN CASTLE FIBER	DANNY HASKETT	(786) 610-7073
DUKE ENERGY	STEPHANIE OLMO	(407) 905-3376
EMBARQ COMMUNICATION INC.	ROBERT GODEK	(407) 830-3421
SEMINOLE COUNTY	PAUL ZIMMERMAN	(407) 665-2040
TECO PEOPLE GAS	JOAN DOMNING	(850) 723-9617

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY			UTILITY ADJUSTMENTS	SHEET NO. 166
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		



LEGEND

	MILLING & RESURFACING
	WIDENING
	DETECTABLE WARNING SURFACE

REVISIONS	
DATE	DESCRIPTION

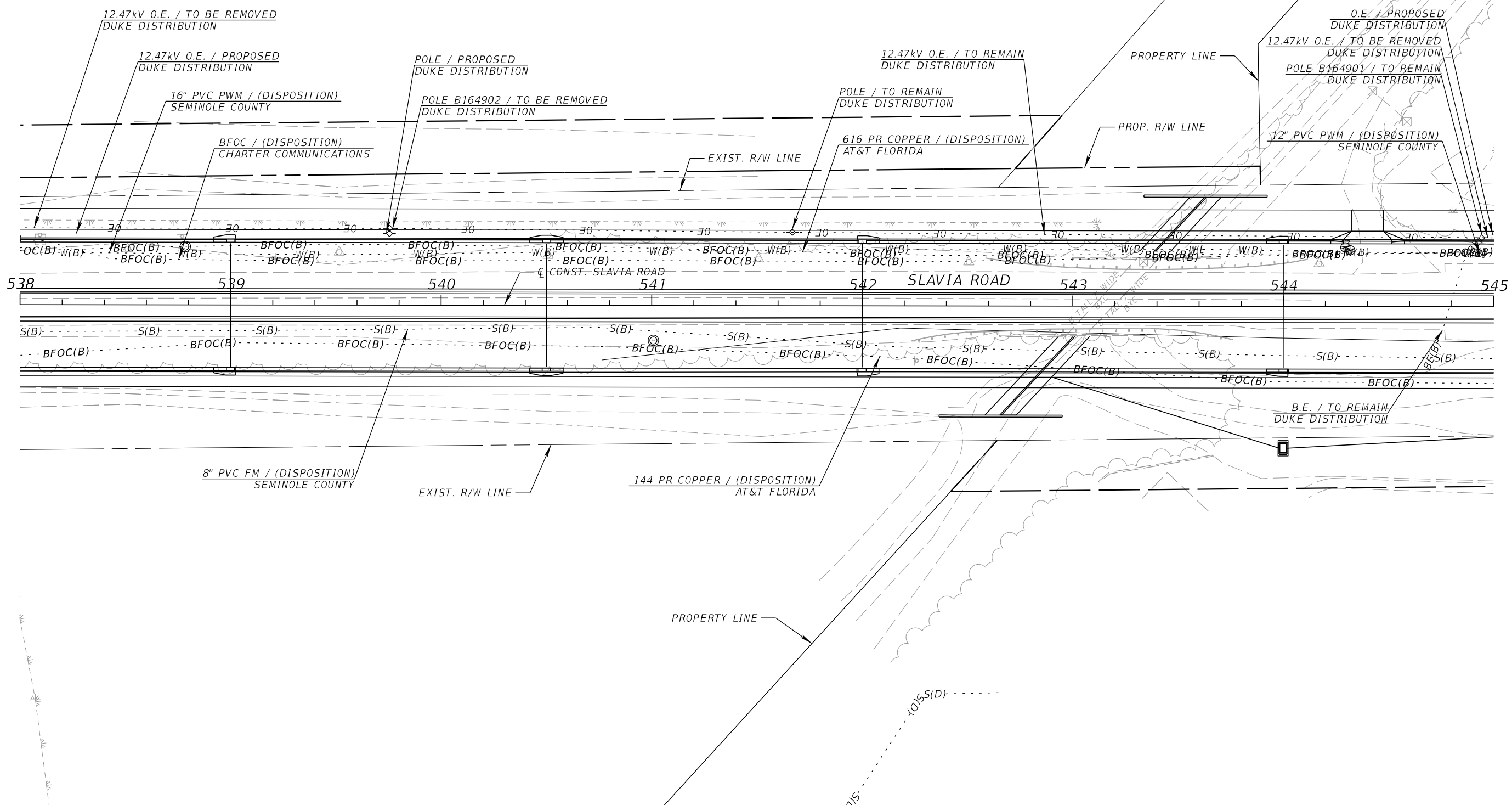
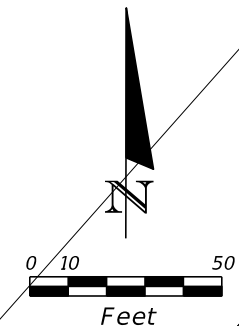
JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Sunbelt County</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (1)
SLAVIA ROAD

SHEET NO.
 167

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

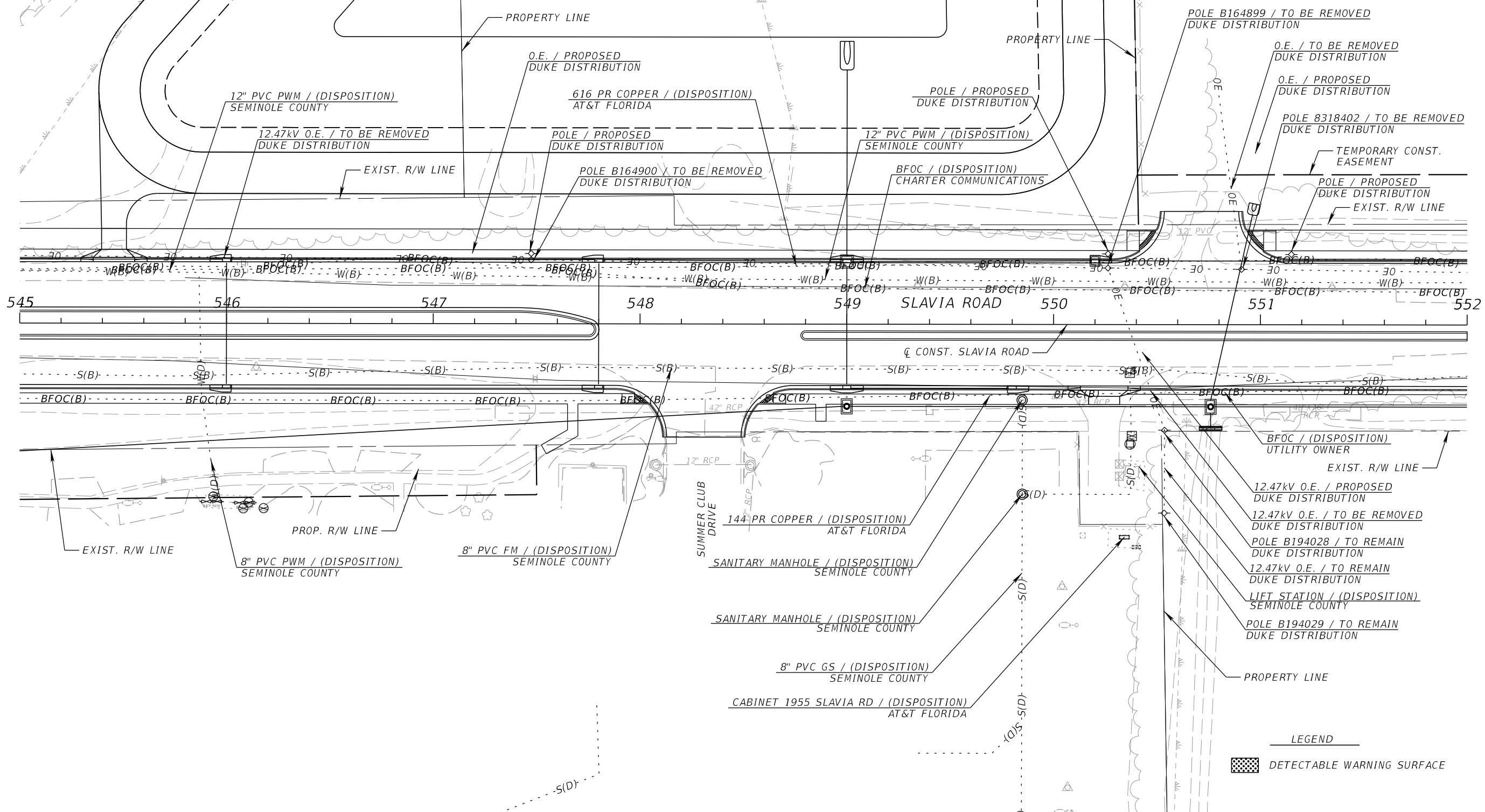
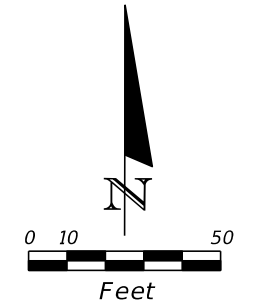
JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		SEMINOLE COUNTY
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (2)
SLAVIA ROAD

SHEET NO.
 168

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LEGEND
 DETECTABLE WARNING SURFACE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

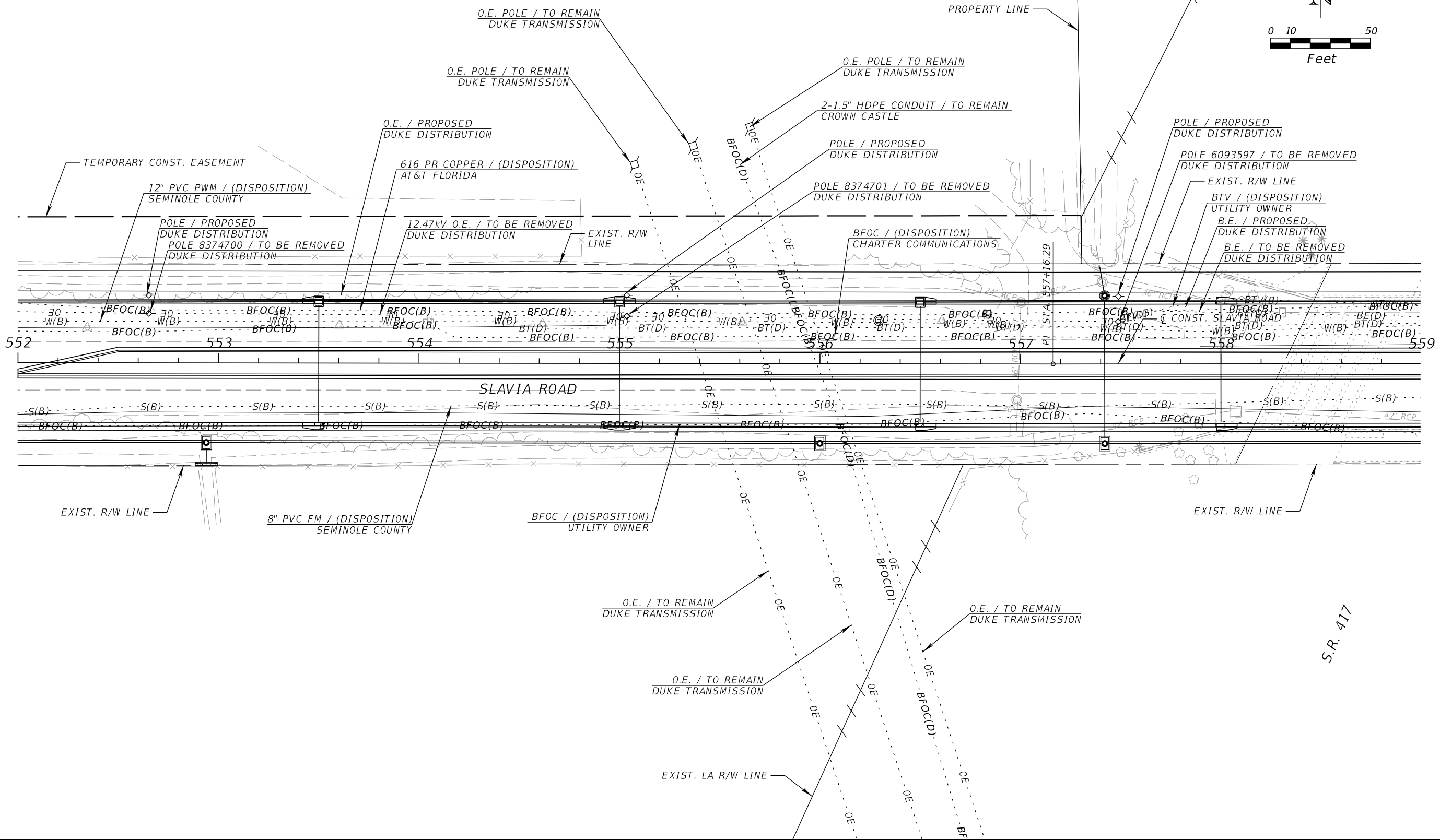
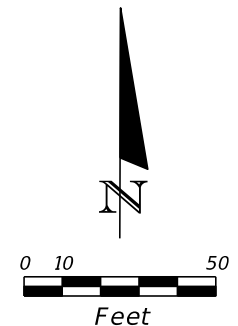
JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Smart County</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (3)
SLAVIA ROAD

SHEET NO.
169

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S.R. 417

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

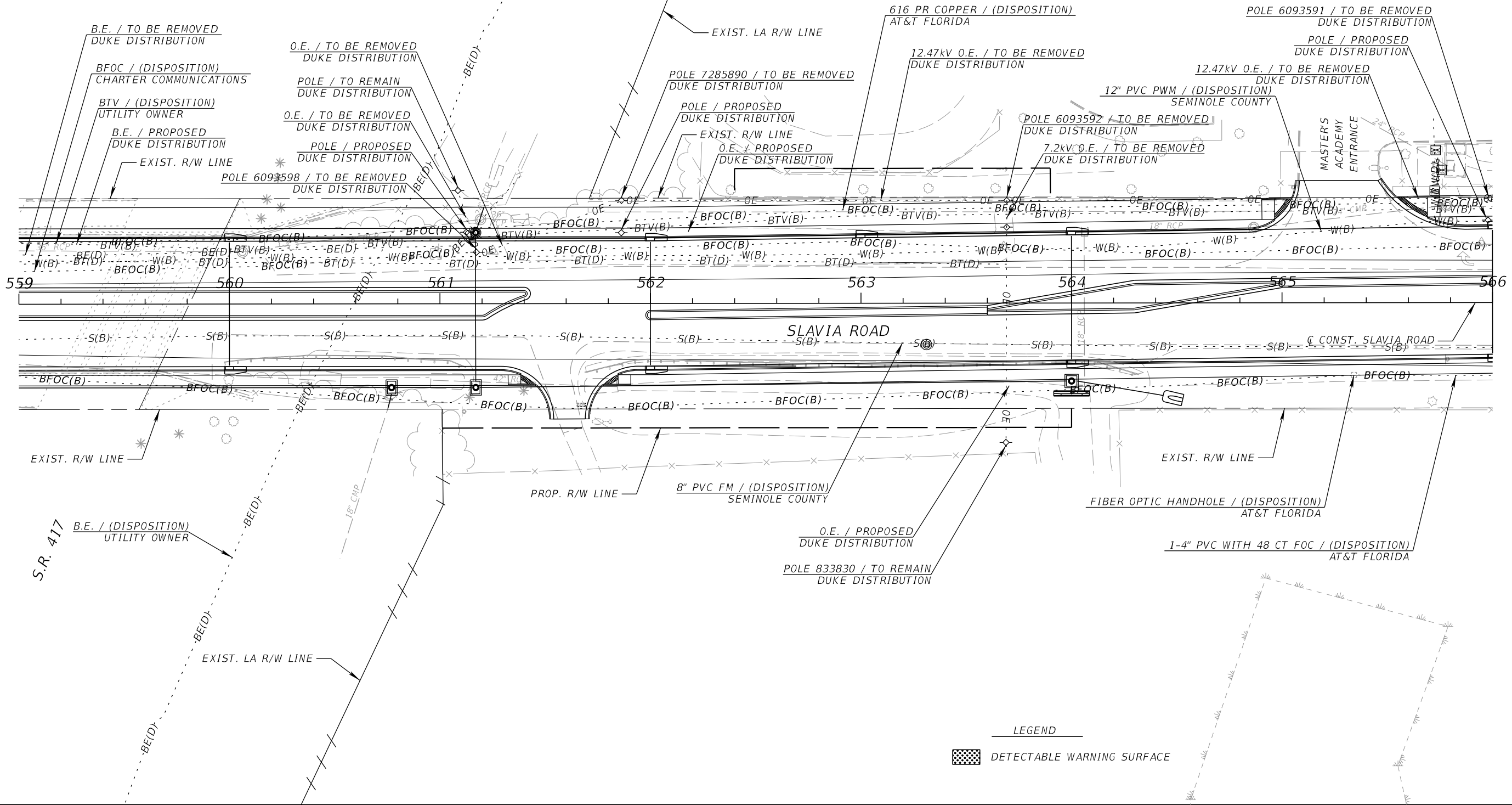
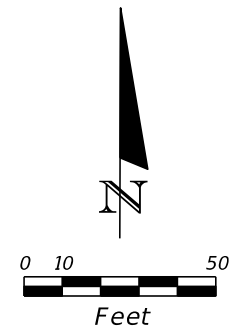
JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Future Starts Here</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (4)
SLAVIA ROAD

SHEET NO.
 170

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>Florida's Future Starts Here</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (5)
SLAVIA ROAD

SHEET NO.
 171

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END MILLING & RESURFACING
 @ CONST. LUKAS LANE
 STA. 102+80.00

BEGIN MILLING & RESURFACING PROPERTY LINE
 @ CONST. LUKAS LANE
 STA. 100+75.76

POLE 6093593 / (DISPOSITION)
 DUKE DISTRIBUTION

1 1/4" COATED STEEL / (DISPOSITION)
 TECO PEOPLES GAS

12.47kV O.E. / TO BE REMOVED
 DUKE DISTRIBUTION

O.E. / PROPOSED
 DUKE DISTRIBUTION
 BFOC / (DISPOSITION)
 CHARTER COMMUNICATIONS

BTV / (DISPOSITION)
 UTILITY OWNER

12" PVC PWM / (DISPOSITION)
 SEMINOLE COUNTY

POLE / TO BE REMOVED
 DUKE DISTRIBUTION

POLE / PROPOSED
 DUKE DISTRIBUTION

O.E. / TO BE REMOVED
 DUKE DISTRIBUTION

O.E. / PROPOSED
 DUKE DISTRIBUTION

PEDASTAL / TO BE REMOVED
 DUKE DISTRIBUTION

POLE (6093589) / TO BE REMOVED
 DUKE DISTRIBUTION

POLE / PROPOSED
 DUKE DISTRIBUTION
 12" HDPE

POLE 6093590 / TO REMAIN
 DUKE DISTRIBUTION

STA. 100+00.00
 @ CONST. LUKAS LANE =
 STA. 570+61.40
 @ CONST. SLAVIA ROAD

100 PR COPPER / (DISPOSITION)
 AT&T FLORIDA

PROP. R/W LINE

EXIST. R/W LINE

PROP. R/W LINE

EXIST. R/W LINE

566 567 568 569 570 571 572 573

@ CONST. SLAVIA ROAD

SLAVIA ROAD

@ CONST. SLAVIA ROAD

@ CONST. SLAVIA ROAD

@ CONST. SLAVIA ROAD

@ CONST. SLAVIA ROAD

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@ CONST. SLAVIA ROAD

@ CONST. SLAVIA ROAD



LEGEND

[Hatched Box] MILLING & RESURFACING

[Dotted Box] DETECTABLE WARNING SURFACE

BUTTERFLY & BIRD
 ENCOUNTER ENTRANCE

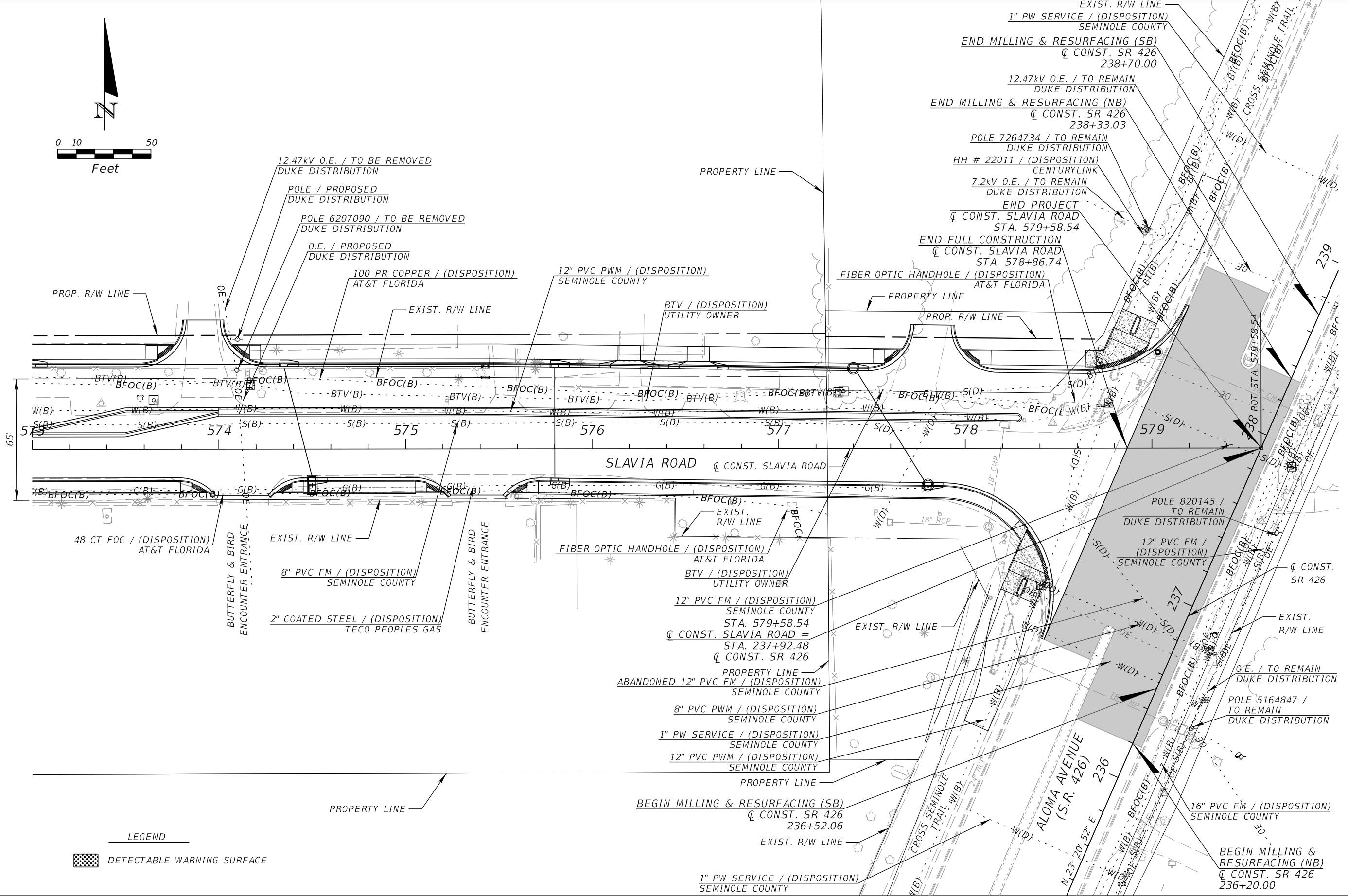
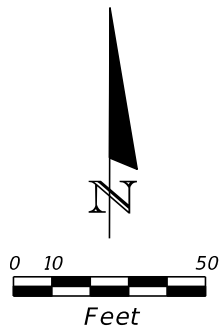
BUTTERFLY & BIRD
 ENCOUNTER ENTRANCE

JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY <small>TRANSIT SOLUTIONS GROUP</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (6)
 SLAVIA ROAD

SHEET NO.
 172



LEGEND
 DETECTABLE WARNING SURFACE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
 P.E. LICENSE NUMBER 57501
 DEWBERRY ENGINEERS INC.
 800 NORTH MAGNOLIA AVENUE SUITE 1000
 ORLANDO, FL 32803

SEMINOLE COUNTY		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

UTILITY ADJUSTMENT (7)
SLAVIA ROAD


SHEET NO.
 173

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INDEX OF SUMMARY OF QUANTITIES

<i>SHEET NO.</i>	<i>SHEET DESCRIPTION</i>
SQ-1	SUMMARY OF LUMP SUM ITEMS
SQ-2 - SQ-3	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-4 - SQ-6	SUMMARY OF LITTER REMOVAL AND MOWING
SQ-7	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-8	SUMMARY OF EARTHWORK, SUMMARY OF PAVEMENT
SQ-9 - SQ-10	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-11 - SQ-13	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS, SUMMARY OF BOX CULVERTS, SUMMARY OF RAILING
SQ-14	SUMMARY OF PERFORMANCE TURF

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

<i>REVISIONS</i>				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY <small>FLORIDA'S NATURAL COUNTY</small>	SUMMARY OF QUANTITIES	SHEET NO.			
<i>DATE</i>	<i>DESCRIPTION</i>	<i>DATE</i>	<i>DESCRIPTION</i>				<i>ROAD</i>	<i>COUNTY PROJECT NO.</i>	<i>CIP NO.</i>	SQ-1
							SLAVIA	PS-2552-19/GCM	01785146	


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SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 12		0104 18			
			LF		LF		LF		EA			
			P	F	P	F	P	F	P	F		
532+68.81 to 533+21.35	LT		44.3									
532+69.69 to 532+70.45	LT		11.6									
532+70.66 to 533+18.74	RT		128.5									
533+18.51 to 533+18.74	RT		11.6									
533+18.51 to 533+56.04	RT		63.0									
533+19.20 to 534+00.76	LT		61.5									
533+56.04 to 533+64.31	RT		17.2									
533+64.31 to 533+87.17	RT		27.9									
533+89.45 to 534+67.73	RT		95.3									
533+99.45 to 535+89.35	LT		174.3									
534+66.37 to 537+19.77	RT		252.8									
535+89.35 to 536+78.77	LT		89.4									
537+19.77 to 537+20.00	RT		21.9									
537+20.00 to 542+36.32	RT		516.4									
542+85.39 to 548+17.65	RT		532.3									
543+98.02 to 544+32.33	LT		47.0									
544+45.77 to 544+88.64	LT		54.0									
545+10.57 to 550+28.01	LT		741.6									
548+51.47 to 550+12.31	RT		160.8									
548+77.57 to 550+64.20	LT		186.6									
550+28.01 to 550+38.98	LT		561.2									
550+31.81 to 550+53.72	RT		21.9									
550+79.14 to 550+94.36	RT		15.2									
550+81.05 to 556+75.01	LT		594.0									
550+81.22 to 551+01.47	RT		20.3									
551+28.85 to 558+12.22	RT		683.5									
556+75.01 to 557+03.33	LT		28.3									
557+58.25 to 558+52.39	LT		94.1									
558+56.53 to 559+08.48	RT		52.0									
559+03.72 to 559+55.50	LT		51.8									
559+60.19 to 561+53.12	RT		192.9									
559+99.09 to 562+22.51	LT		223.4									
561+69.59 to 563+75.31	RT		205.7									
562+22.52 to 565+05.33	LT		282.8									
564+33.79 to 569+59.67	RT		525.9									
565+51.37 to 568+50.00	LT		298.6									
568+58.25 to 570+27.20	LT		169.1									
569+70.25 to 570+44.14	RT		73.9									
570+27.20 to 570+29.93	LT		244.7									
570+76.63 to 573+77.02	LT		300.4									
570+79.63 to 570+82.75	LT		235.0									
570+85.58 to 573+97.01	RT		311.4									
574+03.70 to 575+46.18	LT		142.5									
574+30.78 to 575+24.14	RT		93.4									
575+54.61 to 578+17.89	RT		387.3									
575+58.47 to 576+15.17	LT		56.9									
SUB-TOTAL:			9104.2									
TOTAL:			9441		45		1116		26			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803



SEMINOLE COUNTY

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

SUMMARY OF QUANTITIES

SHEET NO.
SQ-2

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 12		0104 18			
			LF		LF		LF		EA			
			P	F	P	F	P	F	P	F		
576+27.80 to 576+52.67	LT		24.9									
576+52.67 to 577+70.46	LT		117.8									
577+89.56 to 578+74.40	LT		84.8									
578+74.40 to 579+17.83	LT		109.5									
542+36.33 to 542+51.21	RT				21.7							
542+67.95 to 542+85.63	RT				23.2							
537+58.94 to 543+28.03	LT						572.9					
544+80.56 to 548+76.44	LT						417.1					
544+90.45 to 545+10.57	LT						65.0					
563+72.81 to 563+92.22	RT						26.1					
564+08.68 to 564+33.79	RT						34.7					
533+18.33 to 533+26.80	RT								1			
536+47.25 to 536+51.50	LT								1			
536+79.47 to 536+96.82	LT								1			
537+35.03 to 537+38.38	LT								1			
547+26.57 to 547+48.84	RT								1			
548+13.76 to 548+13.78	RT								1			
548+48.67 to 548+48.69	RT								1			
549+35.92 to 549+43.33	RT								1			
550+57.07 to 550+79.50	RT								1			
550+76.53 to 550+79.70	LT								1			
551+00.10 to 551+16.87	RT								1			
556+66.89 to 556+71.79	LT								1			
557+32.46 to 557+48.60	LT								1			
558+04.33 to 558+10.71	RT								1			
558+28.79 to 558+33.09	LT								1			
560+45.57 to 560+58.39	RT								1			
560+72.50 to 560+80.55	RT								1			
561+20.60 to 561+33.41	LT								1			
561+40.71 to 561+44.70	LT								1			
561+67.28 to 561+86.72	RT								1			
564+00.75 to 564+11.22	RT								1			
564+02.98 to 564+10.45	LT								1			
568+81.15 to 568+96.98	LT								1			
577+57.36 to 577+61.48	RT								1			
578+18.11 to 578+24.96	LT								1			
578+26.04 to 578+36.37	RT								1			
SUB-TOTAL:			337.0		44.9		1115.8		26			

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL						MOWING						DESIGN NOTES	CONSTRUCTION REMARKS				
					0107 1						0107 2											
	STA. TO STA.				AREA ID	L	W	CYCLES	AREA		AREA ID	L	W	CYCLES	AREA							
									AC/CYCLE	TOTAL (AC)					AC/CYCLE	TOTAL (AC)						
					P	F						P	F									
PHASE I	532+48.18 to 536+97.30	LT	90	30	28820			3	0.208	0.624				3								
PHASE I	532+57.15 to 533+71.17	RT	90	30	33024			3	0.049	0.147				3								
PHASE I	534+04.74 to 548+12.93	RT	90	30	33037			3	0.991	2.973				3								
PHASE I	535+50.00 to 547+76.67	LT/RT	90	30	28843			3	0.429	1.287				3								
PHASE I	537+37.42 to 550+53.45	LT	90	30	28851			3	5.215	15.645				3								
PHASE I	548+48.89 to 561+54.00	RT	90	30	29034			3	0.541	1.623				3								
PHASE I	550+89.45 to 565+08.31	LT	90	30	28870			3	1.022	3.066				3								
PHASE I	552+00.00 to 561+40.93	LT/RT	90	30	28897			3	0.326	0.978				3								
PHASE I	561+69.00 to 570+46.06	RT	90	30	29019			3	0.551	1.653				3								
PHASE I	563+60.00 to 565+00.00	LT/RT	90	30	28907			3	0.032	0.096				3								
PHASE I	565+45.62 to 570+31.73	LT	90	30	32428			3	0.245	0.735				3								
PHASE I	570+68.47 to 573+82.59	LT	90	30	32446			3	0.120	0.360				3								
PHASE I	570+74.06 to 573+98.29	RT	90	30	29010			3	0.080	0.240				3								
PHASE I	573+00.00 to 574+00.00	LT	90	30	29003			3	0.023	0.069				3								
PHASE I	574+00.79 to 577+72.45	LT	90	30	28946			3	0.144	0.432				3								
PHASE I	574+26.29 to 575+24.29	RT	90	30	28996			3	0.023	0.069				3								
PHASE I	575+52.29 to 578+42.12	RT	90	30	28980			3	0.232	0.696				3								
PHASE I	577+92.45 to 579+45.29	LT	90	30	28967			3	0.115	0.345				3								
PHASE II	532+48.18 to 536+97.30	LT	90	30	28820			3	0.208	0.624				3								
PHASE II	532+57.15 to 533+71.17	RT	90	30	33024			3	0.049	0.147				3								
PHASE II	534+04.74 to 548+12.93	RT	90	30	33037			3	0.991	2.973				3								
PHASE II	535+50.00 to 547+76.67	LT/RT	90	30	28843			3	0.429	1.287				3								
PHASE II	537+37.42 to 550+53.45	LT	90	30	28851			3	5.215	15.645				3								
PHASE II	548+48.89 to 561+54.00	RT	90	30	29034			3	0.541	1.623				3								
PHASE II	550+89.45 to 565+08.31	LT	90	30	28870			3	1.022	3.066				3								
PHASE II	552+00.00 to 561+40.93	LT/RT	90	30	28897			3	0.326	0.978				3								
PHASE II	561+69.00 to 570+46.06	RT	90	30	29019			3	0.551	1.653				3								
PHASE II	563+60.00 to 565+00.00	LT/RT	90	30	28907			3	0.032	0.096				3								
PHASE II	565+45.62 to 570+31.73	LT	90	30	32428			3	0.245	0.735				3								
PHASE II	570+68.47 to 573+82.59	LT	90	30	32446			3	0.120	0.360				3								
PHASE II	570+74.06 to 573+98.29	RT	90	30	29010			3	0.080	0.240				3								
PHASE II	573+00.00 to 574+00.00	LT	90	30	29003			3	0.023	0.069				3								
PHASE II	574+00.79 to 577+72.45	LT	90	30	28946			3	0.144	0.432				3								
PHASE II	574+26.29 to 575+24.29	RT	90	30	28996			3	0.023	0.069				3								
PHASE II	575+52.29 to 578+42.12	RT	90	30	28980			3	0.232	0.696				3								
PHASE II	577+92.45 to 579+45.29	LT	90	30	28967			3	0.115	0.345				3								
PHASE III	532+48.18 to 536+97.30	LT	90	30	28820			3	0.208	0.624				3								
PHASE III	532+57.15 to 533+71.17	RT	90	30	33024			3	0.049	0.147				3								
PHASE III	534+04.74 to 548+12.93	RT	90	30	33037			3	0.991	2.973				3								
PHASE III	535+50.00 to 547+76.67	LT/RT	90	30	28843			3	0.429	1.287				3								
PHASE III	537+37.42 to 550+53.45	LT	90	30	28851			3	5.215	15.645				3								
PHASE III	548+48.89 to 561+54.00	RT	90	30	29034			3	0.541	1.623				3								
PHASE III	550+89.45 to 565+08.31	LT	90	30	28870			3	1.022	3.066				3								
PHASE III	552+00.00 to 561+40.93	LT/RT	90	30	28897			3	0.326	0.978				3								
PHASE III	561+69.00 to 570+46.06	RT	90	30	29019			3	0.551	1.653				3								
PHASE III	563+60.00 to 565+00.00	LT/RT	90	30	28907			3	0.032	0.096				3								
PHASE III	565+45.62 to 570+31.73	LT	90	30	32428			3	0.245	0.735				3								
SUB-TOTAL:										90.903	SUB-TOTAL:											
TOTAL:										93.11	TOTAL:						82.75					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803



SEMINOLE COUNTY
FLORIDA'S SHARPER CURVE

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


SUMMARY OF QUANTITIES

SHEET NO.
SQ-4

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS				
					0107 1					0107 2										
	STA. TO STA.				AREA ID	L	W	CYCLES	AREA		AREA ID	L	W	CYCLES			AREA			
									AC/CYCLE	TOTAL (AC)							AC/CYCLE	TOTAL (AC)		
					P	F						P	F							
PHASE III	570+68.47 to 573+82.59	LT	90	30	32446			3	0.120	0.360				3						
PHASE III	570+74.06 to 573+98.29	RT	90	30	29010			3	0.080	0.240				3						
PHASE III	573+00.00 to 574+00.00	LT	90	30	29003			3	0.023	0.069				3						
PHASE III	574+00.79 to 577+72.45	LT	90	30	28946			3	0.144	0.432				3						
PHASE III	574+26.29 to 575+24.29	RT	90	30	28996			3	0.023	0.069				3						
PHASE III	575+52.29 to 578+42.12	RT	90	30	28980			3	0.232	0.696				3						
PHASE III	577+92.45 to 579+45.29	LT	90	30	28967			3	0.115	0.345				3						
PHASE I	532+48.18 to 536+97.30	LT	90	30				3			28521			3	0.208	0.624				
PHASE I	532+57.15 to 533+71.17	RT	90	30				3			32981			3	0.049	0.147				
PHASE I	534+04.74 to 548+12.93	RT	90	30				3			32994			3	0.991	2.973				
PHASE I	535+50.00 to 547+76.67	LT/RT	90	30				3			28544			3	0.429	1.287				
PHASE I	537+37.42 to 550+53.45	LT	90	30				3			28552			3	5.215	15.645				
PHASE I	548+48.89 to 561+54.00	RT	90	30				3			28738			3	0.541	1.623				
PHASE I	550+89.45 to 565+08.31	LT	90	30				3			28571			3	1.022	3.066				
PHASE I	552+00.00 to 561+40.93	LT/RT	90	30				3			28598			3	0.326	0.978				
PHASE I	561+69.00 to 570+46.06	RT	90	30				3			28723			3	0.551	1.653				
PHASE I	563+60.00 to 565+00.00	LT/RT	90	30				3			28608			3	0.032	0.096				
PHASE I	565+45.62 to 570+31.73	LT	90	30				3			32316			3	0.245	0.735				
PHASE I	570+68.47 to 573+82.59	LT	90	30				3			32334			3	0.120	0.360				
PHASE I	570+74.06 to 573+98.29	RT	90	30				3			28714			3	0.080	0.240				
PHASE I	573+00.00 to 574+00.00	LT	90	30				3			28707			3	0.023	0.069				
PHASE I	574+00.79 to 577+72.45	LT	90	30				3			28648			3	0.144	0.432				
PHASE I	574+26.29 to 575+24.29	RT	90	30				3			28699			3	0.023	0.069				
PHASE I	575+52.29 to 578+42.12	RT	90	30				3			28683			3	0.232	0.696				
PHASE I	577+92.45 to 579+45.29	LT	90	30				3			28670			3	0.115	0.345				
PHASE II	532+48.18 to 536+97.30	LT	90	30				3			28521			3	0.208	0.624				
PHASE II	532+57.15 to 533+71.17	RT	90	30				3			32981			3	0.049	0.147				
PHASE II	534+04.74 to 548+12.93	RT	90	30				3			32994			3	0.991	2.973				
PHASE II	535+50.00 to 547+76.67	LT/RT	90	30				3			28544			3	0.429	1.287				
PHASE II	537+37.42 to 550+53.45	LT	90	30				3			28552			3	5.215	15.645				
PHASE II	548+48.89 to 561+54.00	RT	90	30				3			28738			3	0.541	1.623				
PHASE II	550+89.45 to 565+08.31	LT	90	30				3			28571			3	1.022	3.066				
PHASE II	552+00.00 to 561+40.93	LT/RT	90	30				3			28598			3	0.326	0.978				
PHASE II	561+69.00 to 570+46.06	RT	90	30				3			28723			3	0.551	1.653				
PHASE II	563+60.00 to 565+00.00	LT/RT	90	30				3			28608			3	0.032	0.096				
PHASE II	565+45.62 to 570+31.73	LT	90	30				3			32316			3	0.245	0.735				
PHASE II	570+68.47 to 573+82.59	LT	90	30				3			32334			3	0.120	0.360				
PHASE II	570+74.06 to 573+98.29	RT	90	30				3			28714			3	0.080	0.240				
PHASE II	573+00.00 to 574+00.00	LT	90	30				3			28707			3	0.023	0.069				
PHASE II	574+00.79 to 577+72.45	LT	90	30				3			28648			3	0.144	0.432				
PHASE II	574+26.29 to 575+24.29	RT	90	30				3			28699			3	0.023	0.069				
PHASE II	575+52.29 to 578+42.12	RT	90	30				3			28683			3	0.232	0.696				
PHASE II	577+92.45 to 579+45.29	LT	90	30				3			28670			3	0.115	0.345				
PHASE III	532+48.18 to 536+97.30	LT	90	30				3						3	0.208	0.624				
PHASE III	532+57.15 to 533+71.17	RT	90	30				3						3	0.049	0.147				
PHASE III	534+04.74 to 548+12.93	RT	90	30				3						3	0.991	2.973				
PHASE III	535+50.00 to 547+76.67	LT/RT	90	30				3						3	0.429	1.287				
PHASE III	537+37.42 to 550+53.45	LT	90	30				3						3	5.215	15.645				
SUB-TOTAL:											SUB-TOTAL:									
					2.21					82.75										

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146	SUMMARY OF QUANTITIES	SHEET NO. SQ-5
REVISIONS													
DATE	DESCRIPTION												


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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL						MOWING						DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1						0107 2								
	AREA ID				L	W	CYCLES	AREA		AREA ID	L	W	CYCLES	AREA					
								AC/CYCLE	TOTAL (AC) P F					AC/CYCLE	TOTAL (AC) P F				
PHASE III	548+48.89 to 561+54.00	RT	90	30				3			28738			3	0.541	1.623			
PHASE III	550+89.45 to 565+08.31	LT	90	30				3			28571			3	1.022	3.066			
PHASE III	552+00.00 to 561+40.93	LT/RT	90	30				3			28598			3	0.326	0.978			
PHASE III	561+69.00 to 570+46.06	RT	90	30				3			28723			3	0.551	1.653			
PHASE III	563+60.00 to 565+00.00	LT/RT	90	30				3			28608			3	0.032	0.096			
PHASE III	565+45.62 to 570+31.73	LT	90	30				3			32316			3	0.245	0.735			
PHASE III	570+68.47 to 573+82.59	LT	90	30				3			32334			3	0.120	0.360			
PHASE III	570+74.06 to 573+98.29	RT	90	30				3			28714			3	0.080	0.240			
PHASE III	573+00.00 to 574+00.00	LT	90	30				3			28707			3	0.023	0.069			
PHASE III	574+00.79 to 577+72.45	LT	90	30				3			28648			3	0.144	0.432			
PHASE III	574+26.29 to 575+24.29	RT	90	30				3			28699			3	0.023	0.069			
PHASE III	575+52.29 to 578+42.12	RT	90	30				3			28683			3	0.232	0.696			
PHASE III	577+92.45 to 579+45.29	LT	90	30				3			28670			3	0.115	0.345			
					SUB-TOTAL:						SUB-TOTAL:						10.36		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803



SEMINOLE COUNTY
FLORIDA'S NATURAL GEM

ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146


SUMMARY OF QUANTITIES

SHEET NO.
SQ-6

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
								AREA (AC)	P	F	P	F		
0110 1 1	CLEARING AND GRUBBING	532+48.52 to 538+00.00	LT/RT	31577			AC	0.953			16.23			
		532+50.01 to 532+57.15	LT	30818				0.002						
		532+57.15 to 532+67.90	RT	30742				0.005						
		532+59.90 to 537+01.02	LT	30765				0.256						
		532+66.63 to 532+68.41	RT	30751				0.001						
		536+81.39 to 537+60.97	LT	30758				0.036						
		538+00.00 to 545+00.00	LT/RT	31022				2.085						
		545+00.00 to 552+00.00	LT/RT	31488				6.069						
		552+00.00 to 559+00.00	LT/RT	31090				1.853						
		559+00.00 to 566+00.09	LT/RT	31102				1.700						
		565+47.18 to 565+53.53	LT	30718				0.001						
		569+08.43 to 570+32.27	LT	19298				0.014						
		569+50.45 to 569+50.45	LT	31146				1.842						
		573+00.05 to 579+45.29	LT/RT	31364				1.392						
		577+99.30 to 578+40.88	RT	30683				0.013						
		578+13.74 to 578+25.06	RT	30695				0.002						
		578+13.74 to 578+25.06	RT	30933				0.002						
		578+24.80 to 578+33.92	RT	30700				0.001						
		578+24.80 to 578+33.92	RT	30938				0.001						
		578+68.61 to 578+77.44	LT	30710				0.001						
		578+68.61 to 578+77.44	LT	30897				0.001						
		578+81.10 to 578+98.15	LT	30715				0.003						
0110 4 10	REMOVAL OF EXISTING CONCRETE	532+48.18 to 537+74.45	LT	18568			SY		150.3		1408			
		532+53.05 to 533+20.59	LT	30398					83.7					
		532+58.38 to 536+48.87	RT	18540					112.6					
		532+62.20 to 533+21.13	RT	30413					114.9					
		547+52.31 to 548+07.74	RT	30097					31.9					
		547+99.67 to 548+12.69	RT	18519					1.8					
		548+48.89 to 548+52.12	RT	18532					1.0					
		548+49.57 to 548+85.00	RT	30114					21.4					
		549+88.07 to 550+57.24	RT	30196					102.1					
		561+70.43 to 565+07.56	LT	30264					183.0					
		565+07.32 to 565+08.19	LT	18514					0.5					
		565+46.65 to 570+32.27	LT	30651					267.0					
		578+13.74 to 578+25.06	RT	30305					9.6					
		578+19.82 to 578+19.82	RT	30332					166.7					
		578+24.11 to 578+41.30	RT	18476					15.6					
		578+24.80 to 578+33.92	RT	30310					6.4					
		578+50.20 to 579+19.87	LT	18459					21.0					
		578+68.61 to 578+77.44	LT	30319					6.2					
		578+78.18 to 578+82.05	LT	30324					2.1					
		578+78.23 to 578+78.23	LT	30348					109.7					

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803			 SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146			SUMMARY OF QUANTITIES		SHEET NO. SQ-7
REVISIONS																								
DATE	DESCRIPTION	DATE	DESCRIPTION																					

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

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	REGULAR EXCAVATION	58647.00			
0120 4	SUBSOIL EXCAVATION	10908.00			
0120 6	EMBANKMENT	33629.00			

SUMMARY OF PAVEMENT														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0160 4	Type B Stabilization	532+48.18 to 538+00.00	LT/RT	33091				SY	4814.6		42342			
		538+00.00 to 545+00.00	RT	33130					2093.5					
		538+00.00 to 545+00.00	LT	33123					3312.0					
		545+00.00 to 552+00.00	LT/RT	33135					6058.1					
		552+00.00 to 559+00.00	LT/RT	33157					5436.1					
		562+49.97 to 562+49.97	LT	33170					5973.8					
		566+00.00 to 573+00.08	LT/RT	33199					6317.6					
		576+20.81 to 576+20.81	RT	33219					5800.1					
		535+53.31 to 547+75.88	LT/RT	11972					1370.0					
		552+03.31 to 561+40.13	LT/RT	11979					1037.2					
		563+64.30 to 564+95.52	LT/RT	11988					75.2					
		573+03.31 to 573+96.69	LT	11967					53.3					
		285701	Optional Base, Base Group 01	532+77.45 to 536+77.74	LT	10713				SY		350.4		4731
537+55.29 to 544+32.50	LT			10722					802.6					
544+47.50 to 545+39.53	LT			8961					109.1					
545+51.53 to 550+35.42	LT			10727					573.5					
551+07.49 to 564+90.53	LT			10732					1639.0					
565+75.04 to 569+95.57	LT			8980					499.4					
571+09.40 to 573+60.97	LT			8987					248.2					
574+22.41 to 576+14.04	LT			8996					184.5					
576+25.93 to 576+51.11	LT			9003					24.1					
576+62.99 to 577+50.62	LT			10741					84.3					
578+13.79 to 578+64.54	LT			10746					48.8					
578+84.02 to 579+40.79	LT			9018					167.1					
285709	Optional Base, Base Group 09			532+48.18 to 534+05.13	LT	7987				SY	91.4		27530	
		532+61.59 to 534+30.20	RT	33287					302.2					
		556+58.48 to 556+58.48	RT	12153					27136.0					
0334 1 52	Superpave Asphaltic Concrete, Traffic B, PG 76-22	532+48.18 to 534+05.13	LT	13727				TN	7.54		2198.7			
		532+58.35 to 534+05.13	RT	13735					7.33					
		533+44.76 to 534+30.20	RT	33303					11.71					
		556+58.48 to 556+58.48	RT	13830					2172.10					
0337 7 81	Asphalt Concrete Friction Course, Traffic B, FC-12.5, PG 76-22	555+94.99 to 555+94.99	RT	33313				TN	2424.59		2487.5			
		570+30.59 to 570+68.40	LT	14279					62.87					

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS


PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 1 7	Concrete Curb & Gutter, Type E	535+50.00 to 536+00.16	LT/RT		LF	51.4			51.4	4835			
		535+50.00 to 536+80.00	RT			130.0			130.0				
		536+00.16 to 536+80.00	LT			79.8			79.8				
		536+80.00 to 547+40.00	LT			1060.0			1060.0				
		536+80.00 to 547+75.14	RT			1095.1			1095.1				
		547+40.00 to 547+76.21	LT			36.8			36.8				
		547+75.14 to 547+76.21	LT/RT			9.9			9.9				
		552+00.00 to 552+50.16	LT/RT			51.4			51.4				
		552+00.00 to 557+16.29	RT			516.3			516.3				
		552+50.16 to 557+16.30	LT			466.1			466.1				
		557+16.29 to 561+20.00	RT			403.7			403.7				
		557+16.30 to 561+40.00	LT			423.7			423.7				
		561+20.00 to 561+21.94	RT			2.1			2.1				
		561+21.94 to 561+40.47	LT/RT			20.7			20.7				
		561+40.00 to 561+40.47	LT			4.2			4.2				
		563+59.98 to 564+29.86	RT			69.9			69.9				
		563+60.00 to 564+30.02	LT/RT			71.0			71.0				
		564+29.86 to 565+00.00	LT/RT			71.1			71.1				
		564+30.02 to 565+00.02	LT			70.0			70.0				
		573+00.00 to 573+49.84	LT			49.8			49.8				
573+00.00 to 573+50.16	LT			51.4			51.4						
573+49.84 to 573+99.68	LT			51.0			51.0						
573+50.16 to 574+00.00	LT			49.8			49.8						
0520 1 10	Concrete Curb & Gutter, Type F	532+49.68 to 533+20.24	LT		LF	86.4			86.4	9121			
		532+59.84 to 533+17.54	RT			105.1			105.1				
		533+17.54 to 533+44.76	RT			31.5			31.5				
		533+20.24 to 534+66.98	LT			124.1			124.1				
		533+44.76 to 533+78.89	RT			58.0			58.0				
		533+78.89 to 533+80.58	RT			11.6			11.6				
		534+05.88 to 534+30.20	RT			58.2			58.2				
		534+30.20 to 534+66.73	RT			42.2			42.2				
		534+66.98 to 536+74.58	LT			207.9			207.9				
		534+67.26 to 547+87.93	RT			1320.7			1320.7				
		536+74.58 to 536+95.88	LT			28.0			28.0				
		536+92.77 to 536+95.88	LT			6.6			6.6				
		537+38.92 to 537+62.28	LT			34.4			34.4				
		537+62.28 to 544+22.50	LT			660.2			660.2				
		544+57.50 to 545+29.53	LT			72.0			72.0				
		545+61.53 to 550+28.45	LT			466.9			466.9				
		547+87.93 to 548+11.43	RT			36.9			36.9				
		548+50.39 to 548+73.89	RT			36.8			36.8				
		548+73.89 to 550+07.00	RT			133.1			133.1				
		550+28.45 to 550+51.95	LT			36.9			36.9				
550+42.00 to 557+16.29	RT			674.4			674.4						
550+90.95 to 551+14.45	LT			36.9			36.9						
551+14.45 to 557+16.33	LT			601.8			601.8						
557+16.29 to 561+29.00	RT			412.7			412.7						
557+16.33 to 561+99.80	LT			483.5			483.5						
561+29.00 to 561+52.50	RT			36.9			36.9						
561+70.50 to 561+94.00	RT			36.9			36.9						

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 <p align="center">SEMINOLE COUNTY</p> <table border="1"> <thead> <tr> <th>ROAD</th> <th>COUNTY PROJECT NO.</th> <th>CIP NO.</th> </tr> </thead> <tbody> <tr> <td>SLAVIA</td> <td>PS-2552-19/GCM</td> <td>01785146</td> </tr> </tbody> </table>	ROAD	COUNTY PROJECT NO.	CIP NO.	SLAVIA	PS-2552-19/GCM	01785146	<p align="center">SUMMARY OF QUANTITIES</p>	SHEET NO. SQ-9
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD	COUNTY PROJECT NO.	CIP NO.																			
SLAVIA	PS-2552-19/GCM	01785146																			

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

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS			
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F		
		TYPE					LENGTH	P	F							
0520 1 10	Concrete Curb & Gutter, Type F (CONT'D)	561+94.00 to 562+00.20	RT		LF	6.2			6.2							
		561+99.80 to 564+83.62	LT			283.9			283.9							
		562+00.20 to 569+48.90	RT			748.8			748.8							
		564+83.62 to 565+06.81	LT			36.1			36.1							
		565+46.89 to 565+88.41	LT			49.3			49.3							
		565+88.41 to 569+97.17	LT			408.8			408.8							
		569+80.90 to 570+20.75	RT			39.9			39.9							
		569+97.17 to 570+30.23	LT			52.4			52.4							
		570+20.75 to 570+44.56	RT			37.2			37.2							
		570+69.97 to 571+03.90	LT			52.4			52.4							
		570+75.56 to 570+98.75	RT			36.6			36.6							
		570+98.75 to 573+00.21	RT			201.5			201.5							
		571+03.90 to 572+99.80	LT			195.9			195.9							
		572+99.80 to 573+57.59	LT			57.8			57.8							
		573+00.20 to 573+78.71	RT			78.5			78.5							
		573+57.59 to 573+81.09	LT			36.9			36.9							
		573+78.71 to 573+97.11	RT			21.1			21.1							
		574+02.29 to 574+25.79	LT			36.9			36.9							
		0520 2 2	Concrete Curb, Type B	574+25.79 to 575+50.01	LT			124.2			124.2					
				574+27.46 to 574+45.86	RT			21.1			21.1					
574+45.86 to 575+04.71	RT					58.8			58.8							
575+04.71 to 575+23.11	RT					21.1			21.1							
575+50.01 to 576+03.90	LT					53.9			53.9							
575+53.45 to 575+71.94	RT					21.1			21.1							
575+71.94 to 577+87.88	RT					216.0			216.0							
576+35.90 to 576+40.96	LT					5.1			5.1							
576+72.96 to 577+47.14	LT					74.2			74.2							
577+47.14 to 577+70.95	LT					36.9			36.9							
577+87.88 to 578+40.74	RT					115.2			115.2							
577+93.95 to 578+16.99	LT					36.8			36.8							
578+16.99 to 578+64.10	LT					47.1			47.1							
578+64.10 to 579+18.50	LT					68.6			68.6							
0520 70	Concrete Traffic Separator, Special - Variable Width			569+97.47 to 570+04.51	LT		LF	23.4			23.4	94				
				571+00.46 to 571+07.50	LT			23.4			23.4					
				578+27.58 to 578+33.13	RT			23.4			23.4					
				578+88.52 to 578+94.07	LT			23.4			23.4					
				532+80.00 to 535+50.00	RT	6937	SY	138.4			138.4		945			
548+80.00 to 552+00.00	RT			6948		160.9			160.9							
562+00.00 to 563+60.00	RT	6953		80.9			80.9									
565+00.00 to 570+00.17	LT	6958		251.0			251.0									
571+04.94 to 573+00.00	LT	6963		98.4			98.4									
574+00.00 to 578+27.99	LT	6968		214.9			214.9									


<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		 SEMINOLE COUNTY ROAD COUNTY PROJECT NO. CIP NO. SLAVIA PS-2552-19/GCM 01785146			<p align="center">SUMMARY OF QUANTITIES</p>		SHEET NO. SQ-10
REVISIONS																							
DATE	DESCRIPTION	DATE	DESCRIPTION																				

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
P	F	P	F	P	F							
532+55.08 to 532+67.87	LT	10751			13.5							
532+62.20 to 532+74.42	RT	4389			32.4							
532+79.36 to 533+50.46	RT	33579			49.0							
534+26.13 to 547+91.31	RT	33566			778.9							
548+70.51 to 550+17.00	RT	32207			85.8							
550+32.00 to 561+32.38	RT	4424			611.2							
561+90.62 to 569+58.90	RT	4434			426.7							
569+70.90 to 570+24.23	RT	4443			29.4							
570+98.05 to 573+79.41	RT	10643			187.6							
574+45.16 to 575+05.42	RT	10652			40.2							
575+71.15 to 578+29.30	RT	10659			173.8							
532+59.07 to 532+72.76	LT	4597					7.3					
532+64.00 to 532+70.07	LT	4592					1.1					
532+65.42 to 532+76.74	LT	4587					3.7					
532+67.28 to 532+83.60	LT	4603					0.9					
532+68.37 to 532+83.22	LT	4582					7.3					
532+69.97 to 532+76.71	RT	4468					4.6					
532+72.80 to 532+75.92	RT	4484					0.9					
532+74.01 to 532+78.63	RT	4473					2.0					
532+74.11 to 532+82.11	RT	4489					0.9					
532+74.70 to 532+81.84	RT	4478					4.6					
533+50.35 to 533+64.09	RT	33594					6.5					
534+14.03 to 534+26.24	RT	33599					6.0					
536+77.74 to 536+93.01	LT	10762					10.2					
537+41.11 to 537+55.31	LT	10771					12.1					
544+22.50 to 544+57.50	LT	10784					35.6					
545+29.53 to 545+61.53	LT	10810					30.2					
547+91.31 to 548+04.46	RT	11028					5.6					
548+57.37 to 548+70.51	RT	11056					5.6					
550+07.00 to 550+42.00	RT	11077					22.8					
550+35.42 to 550+49.62	LT	11120					12.1					
550+93.29 to 551+07.49	LT	11125					12.1					
561+32.38 to 561+45.52	RT	11167					5.6					
561+77.48 to 561+90.62	RT	11172					5.6					
564+90.39 to 565+04.60	LT	11185					12.1					
565+54.35 to 565+75.17	LT	11190					15.9					
569+48.90 to 569+80.90	RT	11223					19.8					
569+95.42 to 570+06.56	LT	4990					13.4					
570+06.42 to 570+12.52	LT	4972					6.2					
570+06.56 to 570+24.01	LT	4981					4.3					
570+12.42 to 570+21.47	LT	4977					4.5					
570+24.16 to 570+37.37	RT	11271					5.6					
570+77.44 to 570+98.55	LT	5006					5.0					
570+80.04 to 570+92.53	LT	5002					7.2					
570+83.34 to 570+98.13	RT	11276					6.6					
570+92.41 to 570+98.55	LT	4997					6.5					
570+98.41 to 571+09.55	LT	5014					13.4					
SUB-TOTAL:					2428.5		323.8					
TOTAL:					2429		572		594			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE COUNTY</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

SUMMARY OF QUANTITIES

SHEET NO.
SQ-11


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

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
P	F	P	F	P	F							
573+60.97 to 573+76.56	LT	11315					10.4					
573+79.41 to 573+94.20	RT	11333					6.6					
574+06.82 to 574+22.41	LT	11320					10.4					
574+30.37 to 574+45.16	RT	11337					6.6					
575+05.42 to 575+20.20	RT	11348					6.6					
575+56.37 to 575+71.23	RT	11352					6.6					
576+03.88 to 576+09.89	LT	5229					0.8					
576+03.90 to 576+09.91	LT	5234					0.5					
576+03.91 to 576+13.93	LT	5239					0.7					
576+09.88 to 576+29.90	LT	5224					4.4					
576+09.91 to 576+29.90	LT	5243					3.6					
576+13.93 to 576+26.04	LT	5248					10.7					
576+25.93 to 576+35.90	LT	5253					0.7					
576+29.88 to 576+35.90	LT	5262					0.8					
576+29.89 to 576+35.90	LT	5257					0.5					
576+40.95 to 576+46.96	LT	5289					0.8					
576+40.96 to 576+46.97	LT	5284					0.5					
576+40.97 to 576+51.00	LT	5294					0.7					
576+46.94 to 576+66.97	LT	5279					4.4					
576+46.97 to 576+66.97	LT	5272					3.6					
576+51.00 to 576+63.10	LT	5267					10.7					
576+63.00 to 576+72.97	LT	5308					0.7					
576+66.94 to 576+72.96	LT	5298					0.8					
576+66.95 to 576+72.97	LT	5303					0.5					
577+50.55 to 577+66.25	LT	11467					10.4					
577+98.30 to 578+13.90	LT	11472					10.4					
578+31.81 to 578+31.81	RT	11414					65.9					
578+83.56 to 578+83.56	LT	11436					68.8					
532+64.00 to 532+70.07	LT	6564						9.9				
532+72.80 to 532+75.92	RT	6559						8.0				
533+55.49 to 533+64.65	RT	33604						18.7				
534+13.39 to 534+21.11	RT	33611						16.0				
536+83.74 to 536+92.73	LT	12384						20.2				
537+41.24 to 537+49.31	LT	12390						21.8				
547+97.31 to 548+03.96	RT	6589						12.4				
548+57.86 to 548+64.51	RT	6583						12.4				
550+41.42 to 550+49.49	LT	12397						21.8				
550+93.41 to 551+01.49	LT	12403						21.8				
561+38.38 to 561+45.03	RT	12409						12.4				
561+77.98 to 561+84.62	RT	12415						12.4				
564+96.49 to 565+04.47	LT	6595						21.8				
565+54.92 to 565+69.17	LT	6601						30.6				
570+06.56 to 570+24.01	LT	6607						39.0				
570+30.16 to 570+36.86	RT	6629						12.4				
570+77.44 to 570+98.55	LT	6615						44.9				
570+83.90 to 570+92.09	RT	14442						15.0				
573+66.97 to 573+76.26	LT	6636						20.7				
573+85.41 to 573+93.63	RT	12422						15.0				
SUB-TOTAL:							248.1		387.2			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOSEPH KEEZEL, P.E.
P.E. LICENSE NUMBER 57501
DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE SUITE 1000
ORLANDO, FL 32803

 SEMINOLE COUNTY <small>FLORIDA'S SUNSHINE STATE</small>		
ROAD	COUNTY PROJECT NO.	CIP NO.
SLAVIA	PS-2552-19/GCM	01785146

SUMMARY OF QUANTITIES

SHEET NO.
SQ-12

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

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS												
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
P	F	P	F	P	F							
574+07.13 to 574+16.41	LT	6642								20.7		
574+30.94 to 574+39.16	RT	12428								15.0		
575+11.42 to 575+19.63	RT	12434								15.0		
575+56.94 to 575+65.21	RT	12440								15.0		
577+56.55 to 577+65.94	LT	12446								20.7		
577+98.60 to 578+07.82	LT	14453								20.7		
578+32.38 to 578+44.42	RT	6672								42.4		
578+70.25 to 578+97.35	LT	6680								57.1		
SUB-TOTAL:										206.6		

SUMMARY OF BOX CULVERTS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STATION		P	F	P	F		
400- 2- 1	CONCRETE CLASS 11, CULVERT	542+65.82, 52.75' RT	CY	123.60		247.2			
		543+63.03, 52.75' LT		123.60					
415- 1- 1	REINFORCING STEEL, ROADWAY	542+65.82, 52.75' RT	LB	17371		34742.0			
		543+63.03, 52.75' LT		17371					

SUMMARY OF RAILING					
LOCATION STA. TO STA.	SIDE	PIPE HANDRAIL - GUIDERAIL (STEEL)		DESIGN NOTES	CONSTRUCTION REMARKS
		0515 1 1			
		LF			
P	F				
571+04.99 to 571+14.99	RT	10.0		DBI TYPE C MODIFIED, S-141	
574+45.00 to 574+55.00	RT	10.0		DBI TYPE C MODIFIED, S-145	
SUB-TOTAL:		20.0			
TOTAL:		20			

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SEMINOLE COUNTY			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY PROJECT NO.	CIP NO.		
					SLAVIA	PS-2552-19/GCM	01785146		

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SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
					SY			
					P	F		
532+50.18 to 532+63.13	LT	15351			14.7			
532+57.15 to 532+71.25	RT	15768			17.5			
532+59.90 to 536+95.41	LT	15329			442.1			
532+66.63 to 533+68.40	RT	33642			61.6			
532+76.28 to 536+83.74	LT	15357			83.2			
532+78.24 to 533+38.03	RT	32267			16.1			
534+06.25 to 547+65.00	RT	33623			3343.5			
534+21.11 to 547+97.32	RT	33634			305.9			
537+39.41 to 544+32.50	LT	16185			1300.6			
537+49.31 to 544+32.50	LT	16196			299.6			
544+47.50 to 545+39.53	LT	16202			36.5			
544+47.50 to 550+53.45	LT	16213			21624.9			
545+51.53 to 550+41.42	LT	16207			213.7			
547+67.71 to 548+01.78	RT	32285			41.0			
548+52.77 to 550+17.00	RT	15816			144.5			
548+64.51 to 550+13.66	RT	15827			31.7			
550+32.00 to 557+57.77	RT	15833			962.2			
550+35.33 to 561+38.38	RT	15842			243.7			
550+89.45 to 558+00.34	LT	16157			1987.1			
551+01.49 to 564+96.52	LT	16170			616.3			
560+07.32 to 565+06.31	LT	16138			460.3			
560+11.50 to 561+54.00	RT	15856			224.0			
561+69.00 to 569+58.90	RT	15868			1629.7			
561+84.62 to 569+55.57	RT	15880			169.9			
565+47.31 to 570+29.73	LT	16106			366.1			
565+69.17 to 570+07.05	LT	16126			188.8			
569+70.85 to 570+44.06	RT	15894			173.6			
569+74.24 to 570+30.16	RT	15888			11.0			
570+27.92 to 570+40.30	LT	16232			60.8			
570+64.36 to 570+71.06	LT	16247			60.1			
570+70.47 to 573+80.59	LT	16077			174.0			
570+76.06 to 573+98.29	RT	15908			90.8			
570+98.12 to 573+66.97	LT	16095			59.0			
574+02.79 to 576+14.12	LT	16048			121.8			
574+16.41 to 576+13.93	LT	16069			42.1			
574+26.29 to 575+24.29	RT	15924			32.8			
575+52.29 to 578+29.38	RT	15940			574.0			
576+25.93 to 576+51.00	LT	16064			3.3			
576+26.04 to 576+51.19	LT	16043			18.0			
576+63.00 to 577+56.55	LT	16058			19.0			
576+63.10 to 577+70.45	LT	16032			81.6			
577+94.45 to 579+27.27	LT	15994			160.1			
578+07.79 to 578+69.92	LT	16014			12.7			
578+12.00 to 578+44.54	RT	15965			60.4			
578+97.32 to 579+45.29	LT	15982			64.0			
SUB-TOTAL:					36644.3			
TOTAL:					36644			

REVISIONS				JOSEPH KEEZEL, P.E. P.E. LICENSE NUMBER 57501 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	 SEMINOLE COUNTY FLORIDA'S NATURAL GEM	SUMMARY OF QUANTITIES		SHEET NO.			
DATE	DESCRIPTION	DATE	DESCRIPTION					ROAD	COUNTY PROJECT NO.	CIP NO.	SQ-14
								SLAVIA	PS-2552-19/GCM	01785146	

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