

CONTRACT PLANS COMPONENTS

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
SIGNALIZATION PLANS  
LANDSCAPE PLANS

INDEX OF ROADWAY 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>

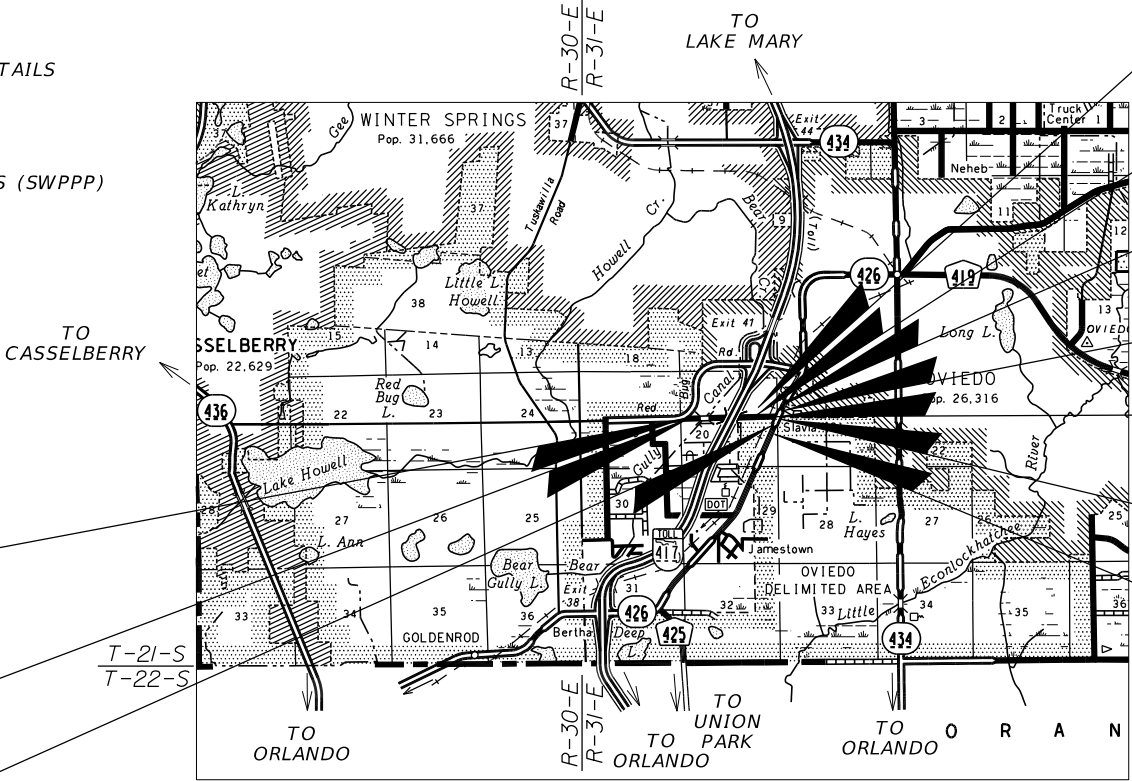
SEMINOLE COUNTY, FLORIDA  
ENGINEERING DIVISION

CONTRACT PLANS

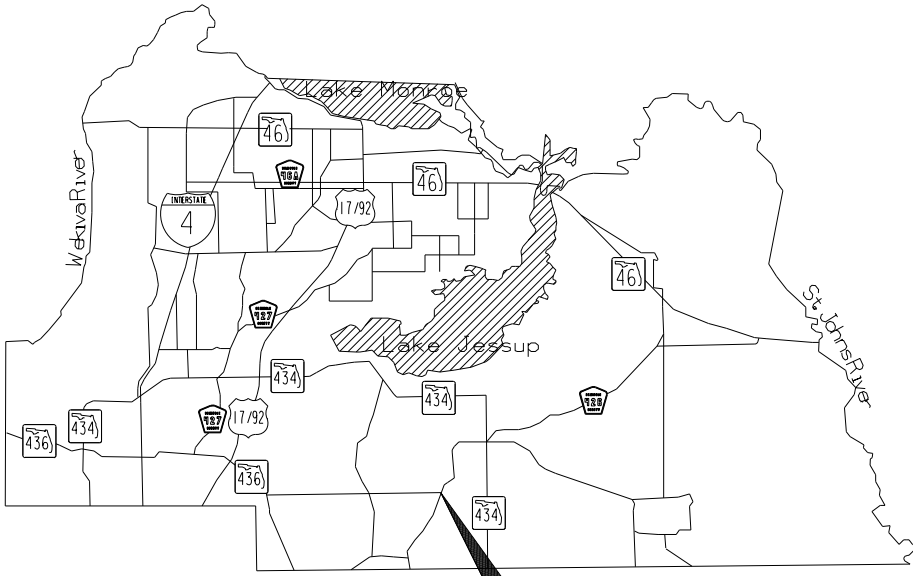
PUBLIC WORKS DIRECTOR /  
COUNTY ENGINEER  
JEAN JREIJ, P.E.



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



| KEY SHEET REVISIONS |             |
|---------------------|-------------|
| DATE                | DESCRIPTION |
|                     |             |
|                     |             |
|                     |             |



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

PROJECT LOCATION  
DISTRICT 1 & 2

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:

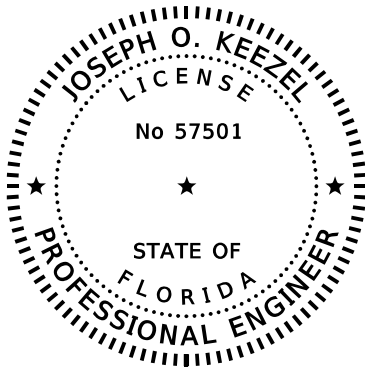
JOSEPH KEEZEL, P.E.  
P.E. NO.: 57501  
DEWBERRY ENGINEERS INC.  
800 NORTH MAGNOLIA AVENUE, SUITE 1000  
ORLANDO, FLORIDA 32803  
VENDOR NO.: F130746510001

BOARD OF COUNTY COMMISSIONERS

BOB DALLARI  
JAY ZEMBOWER  
LEE CONSTANTINE  
AMY LOCKHART  
ANDRIA HERR

DISTRICT 1  
DISTRICT 2  
DISTRICT 3  
DISTRICT 4  
DISTRICT 5

| FISCAL<br>YEAR | SHEET<br>NO. |
|----------------|--------------|
| 24             | 1            |

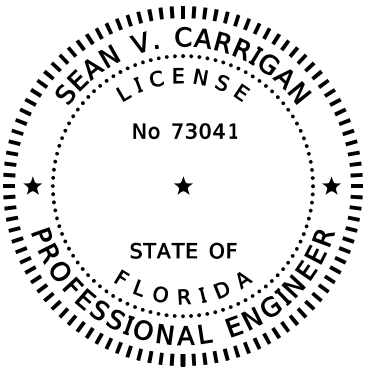


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ORLANDO, FL 32803  
CERTIFICATE OF AUTHORIZATION: 8794  
JOSEPH O. KEEZEL, P.E. NO. 57501

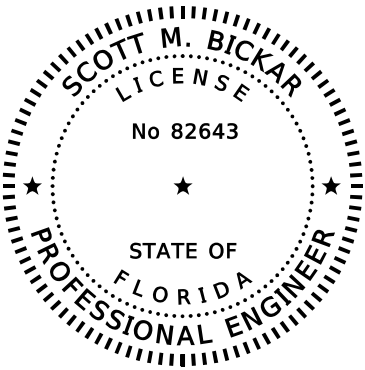


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CERTIFICATE OF AUTHORIZATION: 8794  
SCOTT M. BICKAR, P.E. NO. 82643

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

ROADWAY PLANS

- 1 KEY SHEET
- 2 SIGNATURE SHEET
- 3 - 4 SUMMARY OF PAY ITEMS
- 9 - 11 TYPICAL SECTIONS
- 14 PROJECT LAYOUT
- 15 PROJECT CONTROL
- 16 GENERAL NOTES
- 17 - 23 ROADWAY PLANS
- 24 - 30 ROADWAY PROFILES
- 72 SPECIAL DETAILS
- 73 - 100 CROSS SECTIONS
- 166 - 173 UTILITY ADJUSTMENTS
- SQ-1 - SQ-14 SUMMARY OF QUANTITIES

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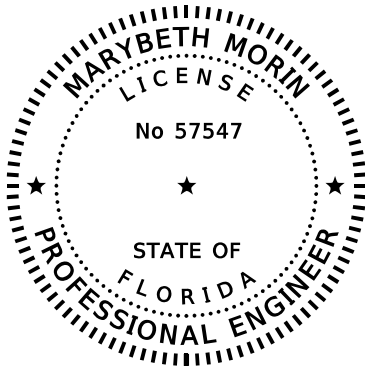
ROADWAY PLANS

- 2 SIGNATURE SHEET
- 5 - 7 DRAINAGE MAP
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- 103 - 110 EROSION AND SEDIMENT CONTROL PLANS

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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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ORLANDO, FL 32803  
CERTIFICATE OF AUTHORIZATION: 8794  
MARYBETH MORIN, P.E. NO. 57547

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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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                    |          | SIGNATURE SHEET | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                 |                    |          |                 |           |
|           |             |      |             |                                                                                                                                          | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                 |           |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                 | 2         |

| SUMMARY OF PAY ITEMS |                                                                   |                          |          |
|----------------------|-------------------------------------------------------------------|--------------------------|----------|
| Project:             |                                                                   | Slavia Road Improvements |          |
| Project Length:      |                                                                   | 0.9 miles                |          |
| 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        |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY<br/>FLORIDA'S NORTHERN GEM</div> | SEMINOLE COUNTY | SUMMARY OF PAY ITEMS | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                            |                 |                      |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                            |                 |                      |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                            |                 |                      | 3         |

| 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        |

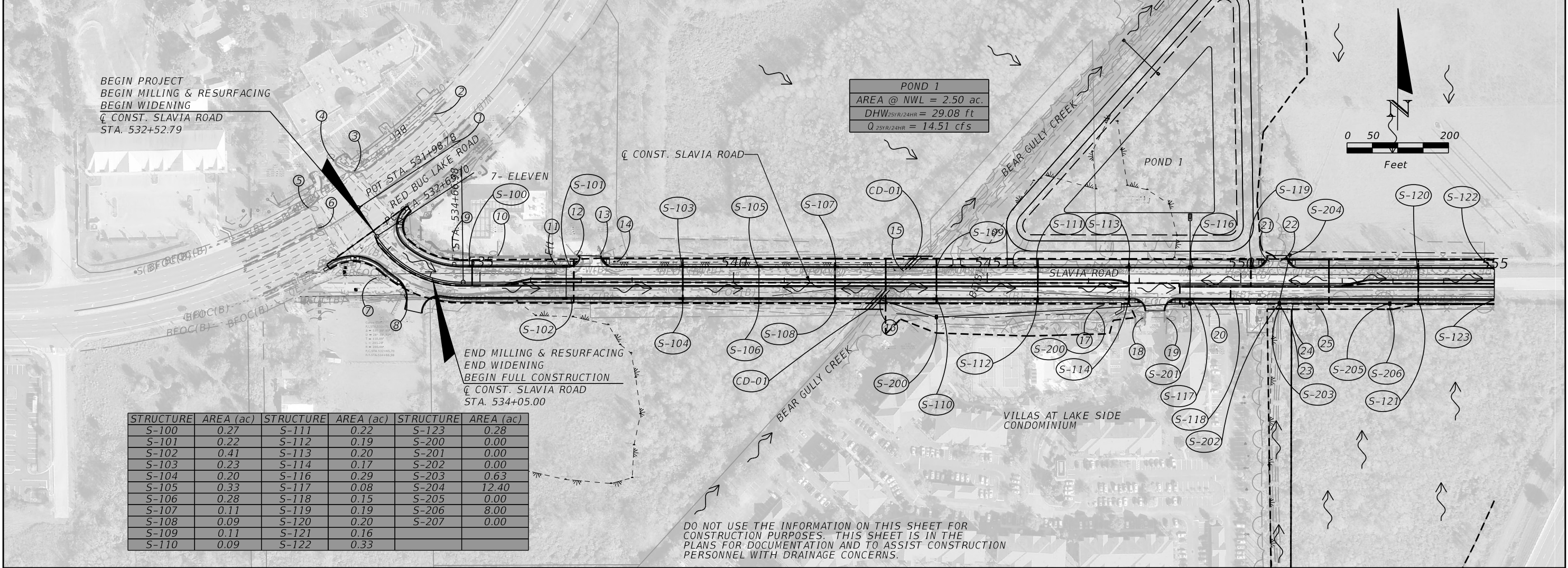
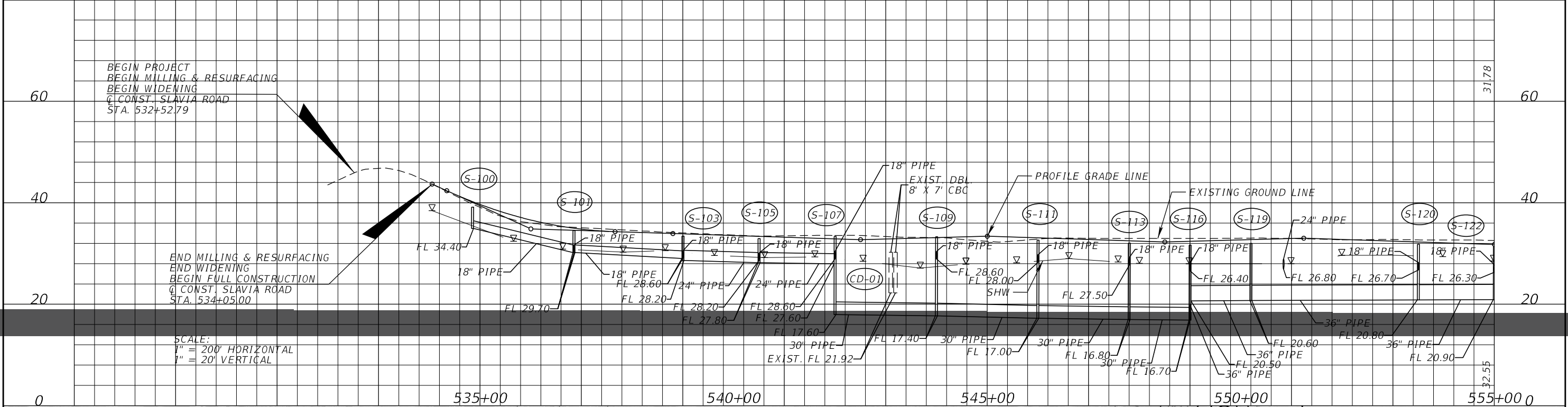
| LANDSCAPING  |                                                                                      |      |          |
|--------------|--------------------------------------------------------------------------------------|------|----------|
| PAY ITEM NO. | DESCRIPTION                                                                          | 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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> | SUMMARY OF PAY ITEMS | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                                                                                           |                      | 4         |
|           |             |      |             |                                                                                                                                          |                                                                                                                                                                                                           |                      |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                                                                                           |                      |           |





| 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      |           |           |

| REVISIONS |             |      |             | SEAN CARRIGAN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY GROUP |                    | DRAINAGE MAP (1) | SHEET NO.<br><br>5 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------|------------------|--------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                    | COUNTY PROJECT NO. |                  |                    |
|           |             |      |             |                                                                                                                                          | SLAVIA                                  | PS-2552-19/GCM     |                  |                    |

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<br>TOP EL. = 41.41<br>NW. INV. = 33.53 - 18" RCP                                                             | ⑭ | MES<br>INV. = 28.24 - 18" RCP                                                                                     | ②9 | MES<br>INV. = 26.11 - 24" RCP                                                                                     | ④4 | DBI<br>TOP EL. = 32.67<br>E. INV. = 29.09 - 18" RCP<br>S. INV. = 29.07 - 18" RCP                                  | ⑤8 | CURB INLET<br>TOP EL. = 43.37<br>N. INV. = 35.78 - 24" RCP<br>E. INV. = 37.33 - 18" CMP<br>S. INV. = 35.95 - 24" RCP<br>NW. INV. = 36.90 - 18" RCP |
| ② | CURB INLET<br>TOP EL. = 38.30<br>SE. INV. = 33.55 - 18" RCP<br>SW. INV. = 31.69 - 36" RCP                               | ⑮ | BOX CULVERT<br>W. INV. = 21.90 - 8'x7' CBC<br>E. INV. = 22.52 - 8'x7' CBC                                         | ③0 | MANHOLE<br>TOP EL. = 31.87<br>N. INV. = 26.35 - 36" RCP<br>S. INV. = 25.99 - 36" RCP                              | ④5 | MANHOLE<br>TOP EL. = 34.53<br>E. INV. = 30.72 - 24" CMP<br>W. INV. = 30.90 - 18" RCP                              | ⑤9 | DBI<br>TOP EL. = 40.39<br>INV. = 38.01 - 18" CMP                                                                                                   |
| ③ | MANHOLE<br>TOP EL. = 40.04<br>SW. INV. = 33.38 - 36" RCP<br>NW. INV. = 33.78 - 18" RCP<br>NE. INV. = 33.35 - 36" RCP    | ⑯ | BOX CULVERT<br>W. INV. = 21.86 - 8'x7' CBC<br>E. INV. = 21.93 - 8'x7' CBC                                         | ③1 | MES<br>INV. = 25.53 - 36" RCP                                                                                     | ④6 | MANHOLE<br>TOP EL. = 35.35<br>E. INV. = 31.15 - 18" RCP<br>W. INV. = 31.12 - 24" CMP                              | ⑥0 | DBI<br>TOP EL. = 42.72<br>N. INV. = 35.59 - 24" RCP<br>E. INV. = 37.16 - 18" CMP<br>S. INV. = 35.17 - 24" RCP                                      |
| ④ | DBI<br>TOP EL. = 39.07<br>E. INV. = 35.40 - 18" RCP                                                                     | ⑰ | MES<br>INV. = 25.14 - 42" RCP                                                                                     | ③2 | MES<br>INV. = 25.50 - 42" RCP                                                                                     | ④7 | DBI<br>TOP EL. = 34.53<br>W. INV. = 31.84 - 24" RCP                                                               | ⑥1 | MANHOLE<br>TOP EL. = N/A<br>N. INV. = 35.12 - 24" RCP                                                                                              |
| ⑤ | CURB INLET<br>TOP EL. = 40.96<br>SW. INV. = 34.05 - 36" RCP<br>SE. INV. = 36.08 - 18" RCP<br>NE. INV. = 33.96 - 36" RCP | ⑱ | CURB INLET<br>TOP EL. = 31.98<br>S. INV. = 26.91<br>W. INV. = 26.77                                               | ③3 | DBI<br>TOP EL. = 31.86<br>E. INV. = 26.11 - 42" RCP<br>W. INV. = 26.00 - 42" RCP                                  | ④8 | MES<br>INV. = 32.99 - SIZE N/A                                                                                    | ⑥2 | MES<br>INV. = 40.82 - 12" PVC                                                                                                                      |
| ⑥ | MANHOLE<br>TOP EL. = 43.71<br>NW. INV. = 37.31 - 18" RCP                                                                | ⑳ | DBI<br>TOP EL. = 30.81<br>E. INV. = 25.60 - 42" RCP<br>W. INV. = 25.56 - 42" RCP                                  | ③4 | DBI<br>TOP EL. = 31.82<br>E. INV. = 26.25 - 36" RCP<br>W. INV. = 26.27 - 36" RCP                                  | ④9 | DBI<br>TOP EL. = 33.07<br>INV. = 27.19 - 18" RCP                                                                  | ⑥3 | MES<br>INV. = 41.51 - 12" PVC                                                                                                                      |
| ⑦ | MES<br>INV. = 38.84 - 18" RCP                                                                                           | ㉑ | MES<br>INV. = 28.63 - 12" PVC                                                                                     | ③5 | MANHOLE<br>TOP EL. = 32.45<br>E. INV. = 26.59 - 36" RCP<br>W. INV. = 26.52 - 36" RCP                              | ⑤0 | MANHOLE<br>TOP EL. = N/A<br>INV. = N/A - 18" RCP                                                                  | ⑥4 | CURB INLET<br>TOP EL. = 41.24<br>INV. = 38.38 - 18" CMP                                                                                            |
| ⑧ | MES<br>INV. = 38.21 - 18" RCP                                                                                           | ㉒ | MES<br>INV. = 28.75 - 12" PVC                                                                                     | ③6 | MES<br>INV. = 26.90 - 42" RCP                                                                                     | ⑤1 | DBI<br>TOP EL. = 34.28<br>W. INV. = 31.78 - 18" RCP                                                               | ⑥5 | MES<br>INV. = 41.12 - 12" PVC                                                                                                                      |
| ⑨ | CURB INLET<br>TOP EL. = 37.53<br>E. INV. = 34.21 - 18" RCP                                                              | ㉓ | MES<br>INV. = 26.35 - 42" RCP                                                                                     | ③7 | WINGED ENDWALL<br>TOP EL. = 30.47<br>INV. = 28.30 - 18" CMP                                                       | ⑤2 | MES<br>INV. = 34.14 - 12" HDPE                                                                                    | ⑥6 | MES<br>INV. = 41.44 - 12" PVC                                                                                                                      |
| ⑩ | CURB INLET<br>TOP EL. = 37.59<br>E. INV. = 31.56 - 15" RCP<br>W. INV. = 32.94 - 18" RCP<br>N. INV. = 32.99 - 15" RCP    | ㉔ | MES<br>INV. = 24.96 - 48"x76" RCP                                                                                 | ③8 | MES<br>INV. = 26.44 - 42" RCP                                                                                     | ⑤3 | MES<br>INV. = 33.30 - 12" HDPE                                                                                    | ⑥7 | MANHOLE<br>TOP EL. = 43.43<br>E. INV. = 38.02 - 18" RCP<br>W. INV. = 37.97 - 18" CMP                                                               |
| ⑪ | DBI<br>TOP EL. = 32.89<br>E. INV. = 29.27 - 18" RCP                                                                     | ㉕ | MES<br>INV. = 24.79 - 48"x76" RCP                                                                                 | ③9 | MES<br>INV. = 26.23 - 42" RCP                                                                                     | ⑤4 | MES<br>INV. = 32.91 - 15" CMP                                                                                     | ⑥8 | DBI<br>TOP EL. = 41.25<br>INV. = 38.05 - 18" RCP                                                                                                   |
| ⑫ | CURB INLET<br>TOP EL. = 35.61<br>E. INV. = 29.76 - 15" RCP<br>W. INV. = 31.12 - 15" RCP<br>NW. INV. = 31.21 - 6" PVC    | ㉖ | MES<br>INV. = 26.85 - 24" RCP                                                                                     | ④0 | MANHOLE<br>TOP EL. = 32.42<br>E. INV. = 26.91 - 36" RCP<br>W. INV. = 26.99 - 36" RCP<br>N. INV. = 27.04 - 24" RCP | ⑤5 | MES<br>INV. = 33.21 - 15" CMP                                                                                     | ⑥9 | MES<br>INV. = 42.31 - 12" PVC                                                                                                                      |
| ⑬ | CURB INLET<br>TOP EL. = 34.35<br>E. INV. = 29.85 - 18" RCP<br>W. INV. = 29.74 - 15" RCP                                 | ㉗ | MANHOLE<br>TOP EL. = 32.19<br>E. INV. = 26.19 - 36" RCP<br>W. INV. = 26.23 - 24" RCP<br>S. INV. = 26.10 - 36" RCP | ④1 | MES<br>INV. = 27.28 - 24" RCP                                                                                     | ⑤6 | DBI<br>TOP EL. = 39.76<br>INV. = 37.06 - 18" RCP                                                                  | ⑦0 | MES<br>INV. = 42.77 - 12" PVC                                                                                                                      |
|   |                                                                                                                         | ㉘ | MANHOLE<br>TOP EL. = 31.63<br>N. INV. = 26.00 - 24" RCP<br>E. INV. = 25.92 - 36" RCP<br>W. INV. = 25.91 - 36" RCP | ④2 | MES<br>INV. = 29.37 - 36" RCP                                                                                     | ⑤7 | MANHOLE<br>TOP EL. = 41.25<br>S. INV. = 36.93 - 18" RCP<br>W. INV. = 36.90 - 18" RCP<br>N. INV. = 37.29 - 18" RCP |    |                                                                                                                                                    |
|   |                                                                                                                         |   |                                                                                                                   | ④3 | STRAIGHT ENDWALL<br>INV. = 28.14 - 18" RCP                                                                        |    |                                                                                                                   |    |                                                                                                                                                    |

| REVISIONS |             |      |             | SEAN CARRIGAN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><div>SEMINOLE COUNTY<br/>FLORIDA'S NATURAL CLASS</div><div>SEMINOLE COUNTY</div></div><div><div>ROAD</div><div>COUNTY PROJECT NO.</div><div>CIP NO.</div></div><div><div>SLAVIA</div><div>PS-2552-19/GCM</div><div>01785146</div></div></div> | DRAINAGE MAP (03) | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                              |                   |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                              |                   |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                              |                   |           |
|           |             |      |             |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                              | 7                 |           |



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

SHEET \_1\_ OF \_1\_

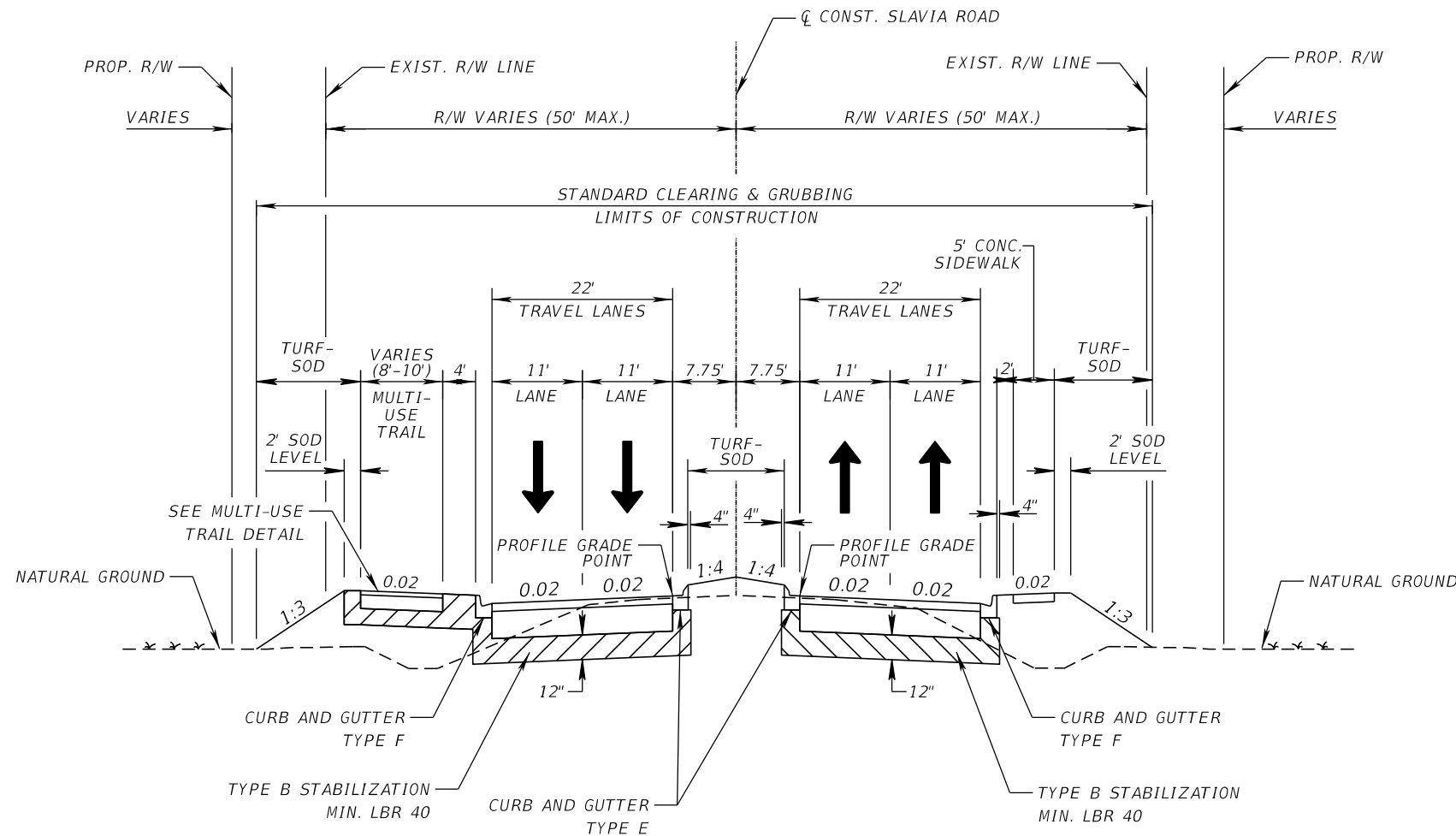
DATE: 10/05/21

| 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 DATE: October 5, 2021  
RELIEF STRUCTURES.
- GREATEST FLOOD:THE MOST SEVERE THAT CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE.



TYPICAL SECTION NO. 1  
SLAVIA ROAD

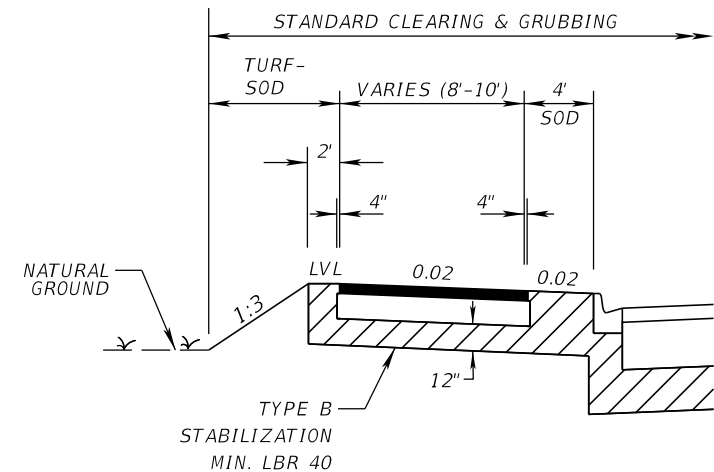
STA. 534+05.00 TO STA. 558+33.26  
STA. 559+75.26 TO STA. 573+50.00

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)

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



MULTI-USE TRAIL DETAIL

TRAIL PAVEMENT

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

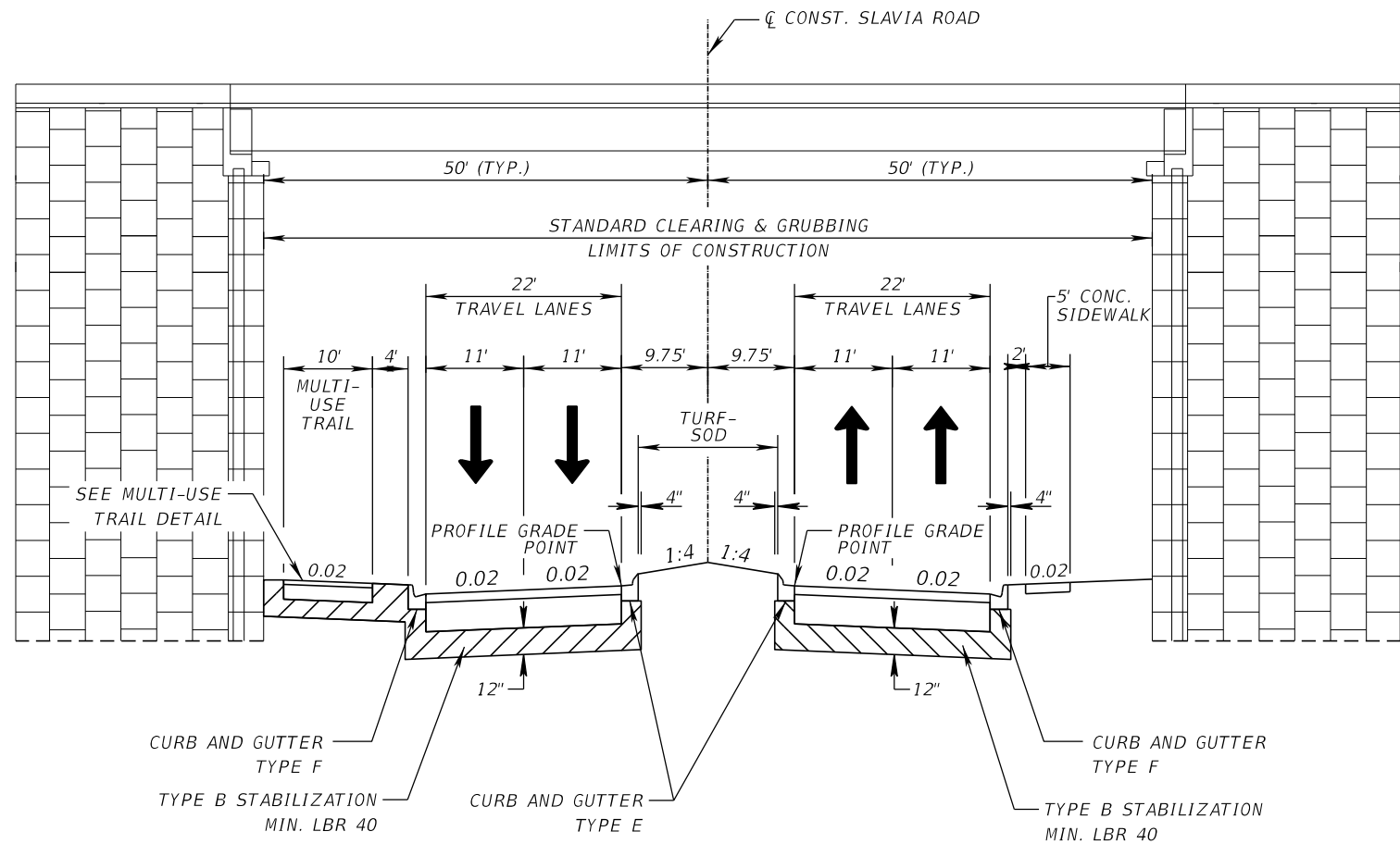
MILLING  
(STA. 532+52.79 TO STA. 534+05.00)

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

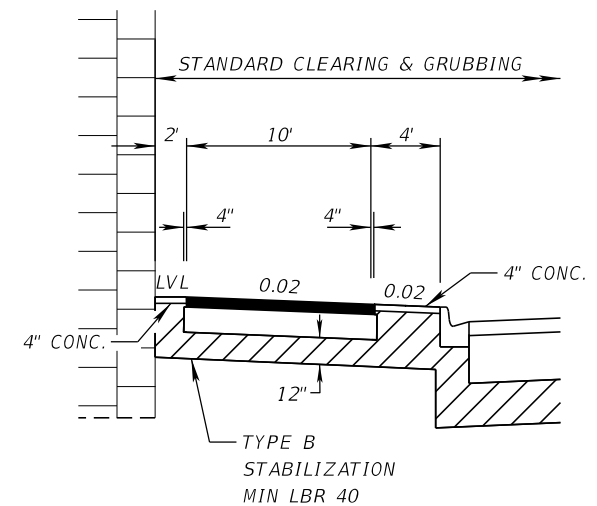
RESURFACING  
(STA. 532+52.79 TO STA. 534+05.00)

FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

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



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



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

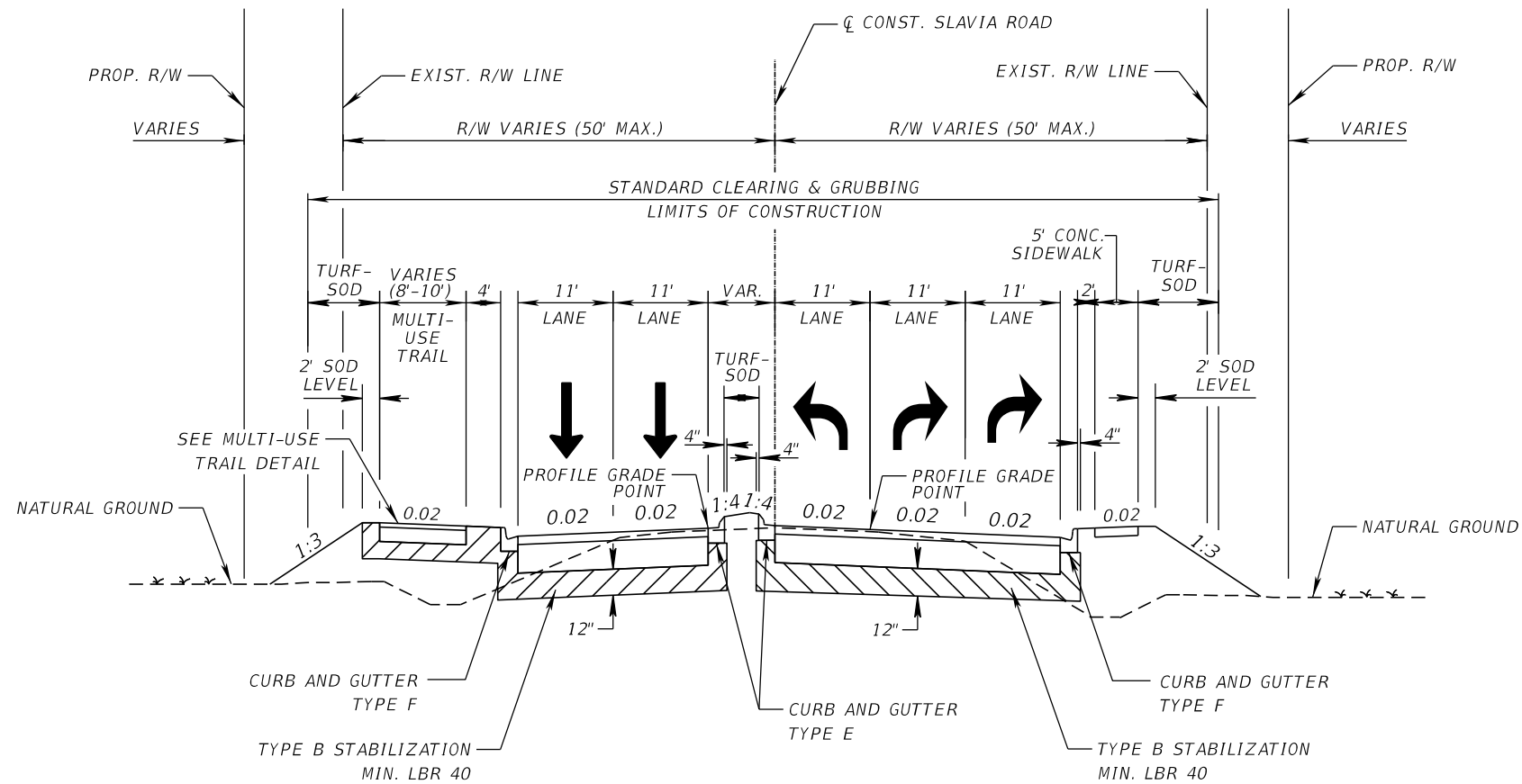
### TRAVEL LANES

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)

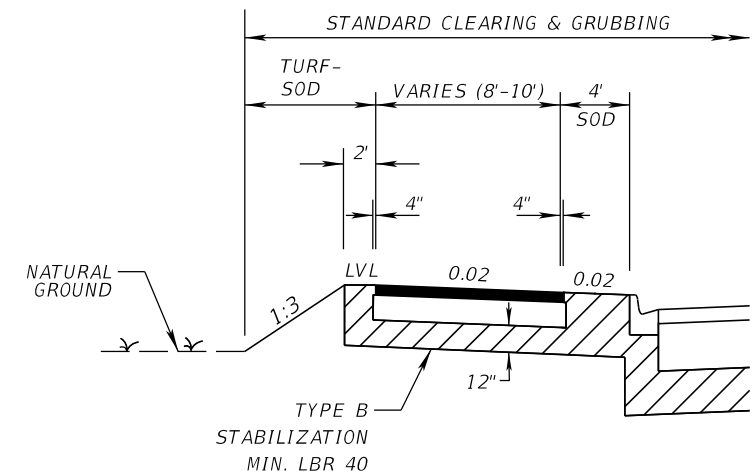
### TRAIL PAVEMENT

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

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



| 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' | Adjust   | <10' | <10' | <10'                | <10'  |                                | 24"                             | 18"         | 24" | 36" | 48"                       | 18"   |                     | 42" |
| P<br>F        | OCS-1    | 548+36.67 | LT.  | Inlet, Pipe, MES | 1       | 89                       |     |      |     |     |     |             |      |      |      |      |      |          |      | 1    |                     |       | 1                              |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-100    | 534+85.00 | LT.  | Inlet, Pipe      | 1       | 197                      |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-101    | 536+85.00 | LT.  | Inlet, Pipe      | 1       | 212                      |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-102    | 536+85.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-103    | 539+00.00 | LT.  | Inlet, Pipe      | 1       |                          | 147 |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-104    | 539+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-105    | 540+50.00 | LT.  | Inlet, Pipe      | 1       |                          | 147 |      |     |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-106    | 540+50.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-107    | 542+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 197  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-108    | 542+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-109    | 544+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 197  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-110    | 544+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-111    | 546+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 177  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-112    | 546+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-113    | 547+80.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 116  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-114    | 547+80.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-116    | 549+00.00 | LT.  | Inlet, Pipe, MES | 1       |                          |     |      | 89  |     |     |             |      |      |      | 1    |      |          |      |      |                     |       |                                |                                 |             | 1   |     |                           |       | Alt. B, 5.0' x 5.0' |     |
| P<br>F        | S-117    | 549+00.00 | RT.  | Inlet, Pipe      | 1       | 57                       |     |      |     |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-118    | 549+80.00 | RT.  | Inlet, Pipe      | 1       | 77                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-119    | 550+20.00 | LT.  | Inlet, Pipe      | 1       |                          |     |      | 116 |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 3.5' x 4.0' |     |
| P<br>F        | S-120    | 553+50.00 | LT.  | Inlet, Pipe      | 1       |                          |     |      | 327 |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 3.5' x 4.0' |     |
| P<br>F        | S-121    | 553+50.00 | RT.  | Inlet, Pipe      | 1       | 58                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-122    | 555+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     |      | 147 |     |     |             |      |      |      | 1    |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 3.5' x 4.0' |     |
| P<br>F        | S-123    | 555+00.00 | RT.  | Inlet, Pipe      | 1       | 58                       |     |      |     |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-124    | 556+50.00 | LT.  | Inlet, Pipe      | 1       |                          |     |      | 147 |     |     |             |      |      | 1    |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 3.5' x 4.0' |     |
| P<br>F        | S-125    | 556+50.00 | RT.  | Inlet, Pipe      | 1       | 58                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-126    | 558+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 147  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-127    | 558+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-128    | 560+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 197  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-129    | 560+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-130    | 562+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 197  |     |     |     |             | 1    |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-131    | 562+00.00 | RT.  | Inlet, Pipe      | 1       | 59                       |     |      |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-132    | 563+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 97   |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| P<br>F        | S-133    | 564+00.00 | LT.  | Inlet, Pipe      | 1       |                          |     | 97   |     |     |     | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |
| 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     |                     |     |
|               |          |           |      | Final Quantity   |         |                          |     |      |     |     |     |             |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                     |     |

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

ROAD

COUNTY PROJECT NO.

CIP NO.

SLAVIA

PS-2552-19/GCM

01785146

SUMMARY OF

DRAINAGE STRUCTURES

SHEET NO.

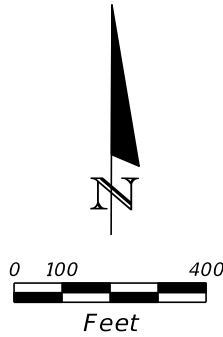
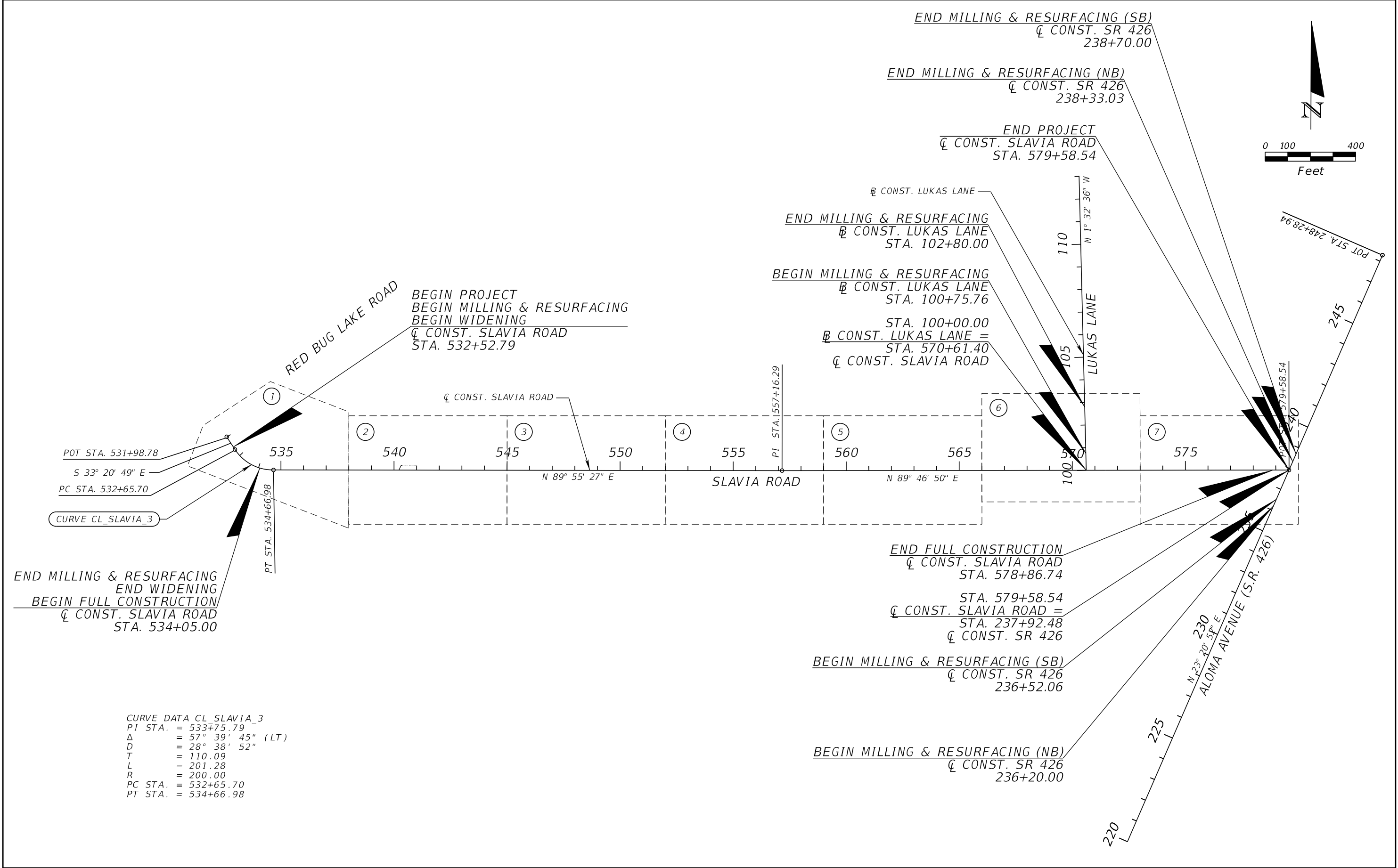
12

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<br>F        | S-134    | 564+00.00 | RT.  | Inlet, Pipe         | 1       | 59                       |      |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-135    | 566+00.00 | LT.  | Inlet, Pipe         | 1       |                          |      | 197  |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-136    | 566+00.00 | RT.  | Inlet, Pipe         | 1       | 59                       |      |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-137    | 568+50.00 | LT.  | Inlet, Pipe         | 1       |                          |      | 247  |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-138    | 568+50.00 | RT.  | Inlet, Pipe         | 1       | 59                       |      |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-139    | 571+10.00 | LT.  | Inlet, Pipe         | 1       |                          |      | 257  |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-140    | 571+10.00 | RT.  | Inlet, Pipe         | 1       |                          | 59   |      |     |     |      |             |      | 1    |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 9.0'               |     |
| P<br>F        | S-141    | 571+10.00 | RT.  | Inlet               | 1       |                          |      |      |     |     |      |             |      |      |      |      |      |          | 1    |      |                     |       |                                |                                 |             |     |     |                           |       | Back of Sidewalk                  |     |
| P<br>F        | S-142    | 573+00.00 | LT.  | Inlet, Pipe         | 1       |                          | 187  |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-143    | 574+35.00 | LT.  | Inlet, Pipe         | 1       |                          | 132  |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-144    | 574+50.00 | RT.  | Inlet, Pipe         | 1       | 61                       |      |      |     |     |      |             |      | 1    |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 9.0'               |     |
| P<br>F        | S-145    | 574+50.00 | RT.  | Inlet               | 1       |                          |      |      |     |     |      |             |      |      |      |      |      |          | 1    |      |                     |       |                                |                                 |             |     |     |                           |       | Back of Sidewalk                  |     |
| P<br>F        | S-146    | 575+80.00 | LT.  | Inlet, Pipe         | 1       |                          | 142  |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-147    | 575+80.00 | RT.  | Inlet, Pipe         | 1       | 59                       |      |      |     |     |      | 1           |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |
| P<br>F        | S-148    | 577+40.00 | LT.  | Inlet, Pipe         | 1       | 156                      |      |      |     |     |      |             |      | 1    |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. A, 5.0' Dia.                 |     |
| P<br>F        | S-149    | 577+80.00 | RT.  | Inlet, Pipe         | 1       | 70                       |      |      |     |     |      |             |      | 1    |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Alt. A, 5.0' Dia.                 |     |
| P<br>F        | S-150    | 579+03.30 | LT.  | Manhole             |         |                          |      |      |     |     |      |             |      |      |      | 1    |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Adjust Top                        |     |
| P<br>F        | S-200    | 544+00.00 | RT.  | Inlet, Pipe         | 1       |                          |      |      |     |     | 113  |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 6.0' x 3.5'               |     |
| P<br>F        | S-201    | 549+00.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     |     | 497  |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-202    | 550+76.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     |     | 172  |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-203    | 550+76.00 | RT.  | EW, Pipe            | 1       | 8                        |      |      |     |     |      |             |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             | 1   |     |                           |       |                                   |     |
| P<br>F        | S-204    | 550+96.50 | LT.  | MES, Pipe           | 1       |                          | 91   |      |     |     |      |             |      |      |      |      |      |          |      |      |                     |       |                                | 1                               |             |     |     |                           |       |                                   |     |
| P<br>F        | S-205    | 552+94.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     |     | 214  |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-206    | 552+94.00 | RT.  | EW, Pipe            | 1       | 8                        |      |      |     |     |      |             |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             | 1   |     |                           |       |                                   |     |
| P<br>F        | S-207    | 556+00.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     |     | 302  |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-208    | 557+42.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     | 139 |      |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-209    | 557+42.00 | LT.  | Pipe, Manhole, Pipe | 1       |                          | 82   |      |     |     |      |             |      |      |      |      | 1    |          |      |      |                     |       |                                |                                 |             |     |     |                           |       | Conc. Jacket                      |     |
| P<br>F        | S-210    | 560+77.00 | RT.  | Pipe, Manhole, Pipe | 1       | 8                        |      |      |     | 331 |      |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0', Conc. Jacket |     |
| P<br>F        | S-211    | 561+17.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     | 36  |      |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 4.0' x 6.0'               |     |
| P<br>F        | S-212    | 561+17.00 | LT.  | Pipe, Manhole, Pipe | 1       |                          | 80   |      |     |     |      |             |      |      |      |      |      | 1        |      |      |                     |       |                                |                                 |             |     |     |                           |       | Conc. Jacket                      |     |
| P<br>F        | S-214    | 564+00.00 | RT.  | Manhole, Pipe       | 1       |                          |      |      |     | 279 |      |             |      |      |      |      |      |          |      | 1    |                     |       |                                |                                 |             |     |     |                           |       | Alt. B, 5.0' x 5.0'               |     |
| P<br>F        | S-215    | 564+00.00 | RT.  | EW, Pipe            | 1       |                          |      |      |     | 4   |      |             |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     | 1                         |       |                                   |     |
| P<br>F        | S-216    | 564+45.87 | RT.  | MES, Pipe           | 1       |                          | 41   |      |     |     |      |             |      |      |      |      |      |          |      |      |                     | 1     |                                |                                 |             |     |     |                           |       |                                   |     |
| 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   | 0   | 2                         | 1     |                                   |     |
| Grand Totals: |          |           |      | Final Quantity      |         |                          |      |      |     |     |      |             |      |      |      |      |      |          |      |      |                     |       |                                |                                 |             |     |     |                           |       |                                   |     |

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

SUMMARY OF  
DRAINAGE STRUCTURES



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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SIGNALS DIVISION |                    |          | PROJECT LAYOUT | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------|----------|----------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                        | COUNTY PROJECT NO. | CIP NO.  |                |           |
|           |             |      |             |                                                                                                                                          | SLAVIA                                      | PS-2552-19/GCM     | 01785146 |                | 14        |

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

℄ REFERENCE POINTS

PROJECT CONTROL NOTES

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSYEM 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 |

LEGEND

—

PROPERTY LINE

—

R/W LINE

—

EASEMENT LINE

—

TEMPORARY EASEMENT LINE

—

PARCEL TAKES

—

EXISTING R/W LINE

—

EXISTING LA R/W LINE

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

FLORIDA

SEMINOLE COUNTY

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

PROJECT CONTROL

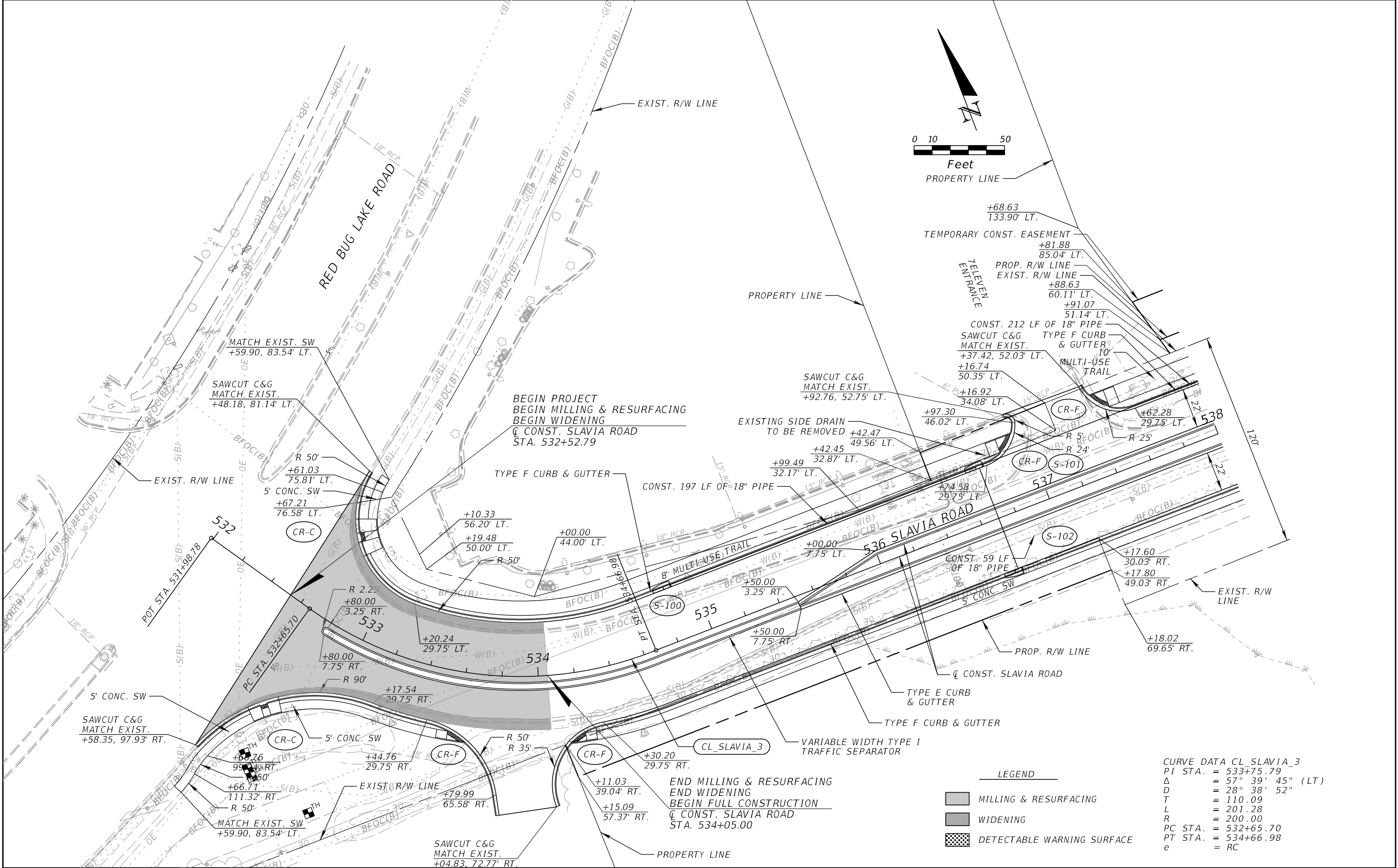
SHEET NO.

15

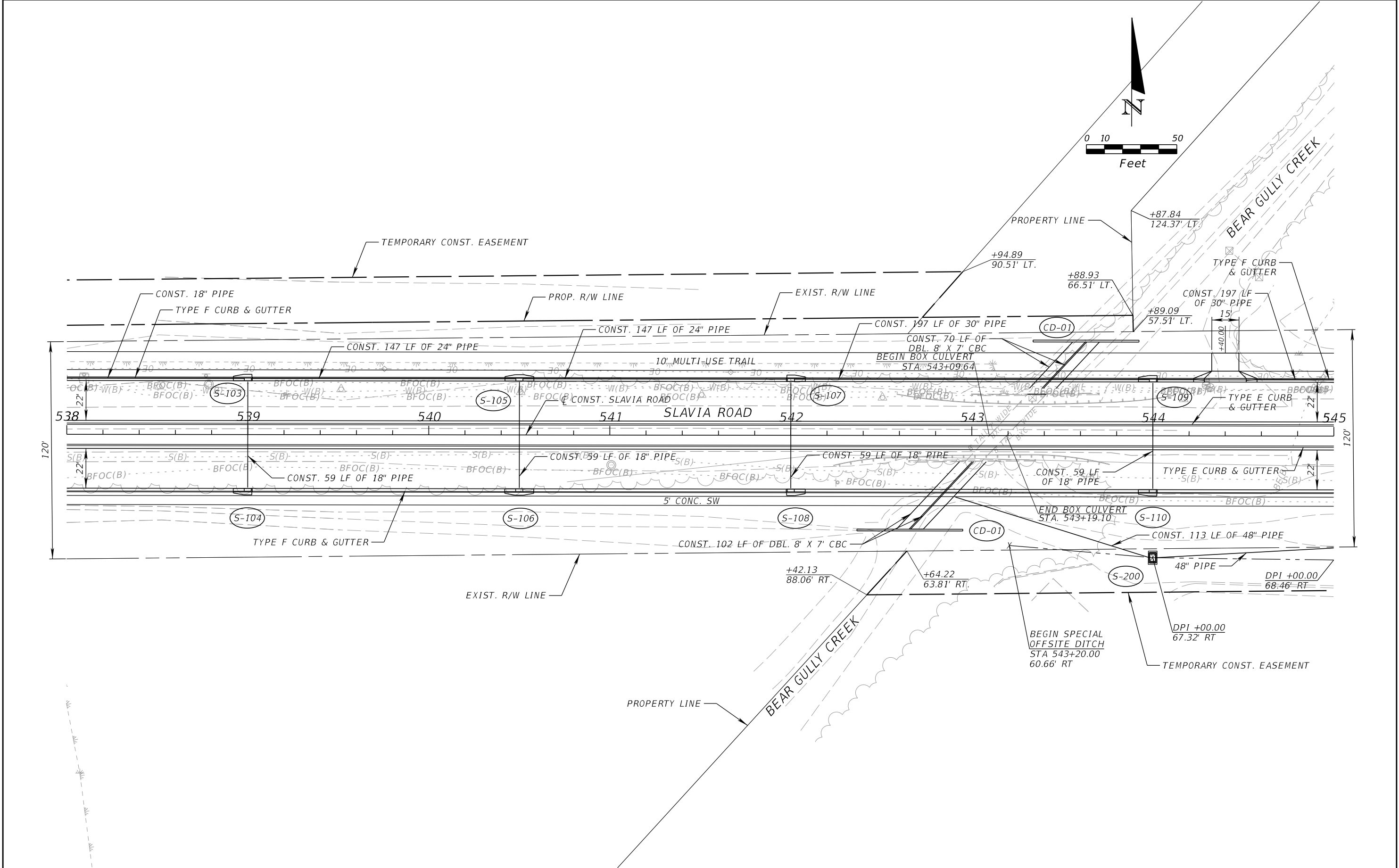
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| GENERAL NOTES<br>=====                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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      |               |  |           |
| <div><div><div>1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)</div><div>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.</div><div>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 &amp; GRUBBING.</div><div>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.</div><div>5. SOD ALL DISTURBED AREAS UNLESS OTHERWISE SHOW ON THE PLANS. SOD SHALL MATCH EXISTING TYPE SOD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.</div><div>6. SAWCUT CONCRETE DRIVEWAYS AS REQUIRED FOR CONSTRUCTION.</div><div>7. ALL PAVEMENT OFFSETS SHOWN ARE TO PROPOSED CENTERLINE OF CONSTRUCTION. ALL RADII AND DIMENSIONS ARE TO PROPOSED EDGE OF PAVEMENT.</div><div>8. FOR STABILIZATION AT TURNOUTS AND DRIVEWAY CONNECTIONS SEE STANDARD INDEX No. 515 AND TYPICAL SECTIONS FOR DEPTH AND LBR.</div><div>9. DRIVEWAY LOCATIONS AND WIDTHS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY AS DIRECTED BY THE ENGINEER.</div><div>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.</div><div>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.</div><div>12. CONNECTION TO EXISTING WATER MAINS:<br/>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:<br/>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<br/>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.</div><div>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.</div><div>14. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.</div><div>15. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE RIGHT-OF-WAY SHALL REMAIN, UNLESS OTHERWISE DIRECTED.</div><div>16. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.</div><div>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.</div><div>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.</div><div>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:<br/>STATE GEODETIC ADVISOR, RONNIE TAYLOR<br/>SUITE 309<br/>3900 COMMONWEALTH BOULEVARD<br/>TALLAHASSEE, FL<br/>(904) 488-2427</div><div>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.</div><div>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.</div><div>22. WITHIN 21 CALENDAR DAYS AFTER NOTICE TO PROCEED, THE CONTRACTOR SHALLSTAKE 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".</div><div>23. TRAFFIC SIGNS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, STOCKPILING AND RESETTING.</div><div>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.</div><div>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.</div><div>26. CONTRACTOR TO VIDEOTAPE AND PHOTOGRAPH THE ROADWAY CORRIDOR PRIOR TO CONSTRUCTION AND GIVE A COPY TO THE SEMINOLE COUNTY PUBLIC WORKS DEPARTMENT.</div><div>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.</div><div>28. CONTRACTOR SHALL REPLACE ALL DAMAGED TURF AREAS INCURRED BY NEW CONSTRUCTION.</div><div>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.</div><div>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.</div><div>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.</div><div>32. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING.</div><div>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.</div><div>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.</div><div>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.</div><div>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.</div><div>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.</div><div>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.</div><div>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.</div><div>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.</div><div>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 A ND 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.</div><div>42. NO MACHINE EXCAVATION SHALL BE PERFORMED WITHIN 5 FEET OF A GAS MAIN.</div><div>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 DELINEATION'S, THOSE CONSTRUCTED IMPROVEMENTS LOCATED BY THE SURVEY. ALL MAPS PREPARED SHALL MEET APPLICABLE MINIMUM TECHNICAL STANDARDS PER SECTION 1050 OF THE SPECIFICATIONS.</div><div>44. THE VERTICAL AND HORIZONTAL ACCURACY SHALL BE SUCH THAT IT MAY BE EASILY DETERMINED WHETHER THE IMPROVEMENTS WERE CONSTRUCTED CONSISTENT WITH PLANNED LOCATIONS.</div><div>45. THE AS-BUILT SHALL BE DELIVERED IN HARD COPY FORM AND DIGITAL FORM IN BOTH MICROSTATION (DGN) AND .PDF FORMAT.</div><div>46. REMOVAL OF EXISTING STRUCTURES AND PIPES SHALL BE INCLUDED AS PART OF THE CLEARING AND GRUBBING ITEM.</div><div>47. CONTRACTOR SHALL NOT UTILIZE VIBRATORY COMPACTION.</div><div>48. UTILITIES ARE TO BE ADJUSTED BY OTHERS OR AS DIRECTED BY THE ENGINEER.</div></div></div> |  |  |  |  |  | REVISIONS |  | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  | <div><div><div>SEMINOLE COUNTY<br/><small>FLORIDA'S NATURAL CLASS</small></div><div>ROAD</div></div><div><div>COUNTY PROJECT NO.</div><div>CIP NO.</div></div></div> <div><div>SLAVIA</div><div>PS-2552-19/GCM</div><div>01785146</div></div> | GENERAL NOTES |  | SHEET NO. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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      |               |  |           |



| REVISIONS |                    |          |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><br/>SEMINOLE COUNTY<br/><small>FLORIDA - NORTH - GEORGIA</small></div> <div>SEMINOLE COUNTY</div> <table><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 | ROADWAY PLAN (1)<br>SLAVIA ROAD | SHEET NO. |
|-----------|--------------------|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|---------------------------------|-----------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                               |      |                    |         |        |                |          |                                 |           |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                               |      |                    |         |        |                |          |                                 |           |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION | 17                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                               |      |                    |         |        |                |          |                                 |           |
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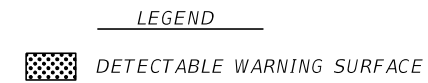
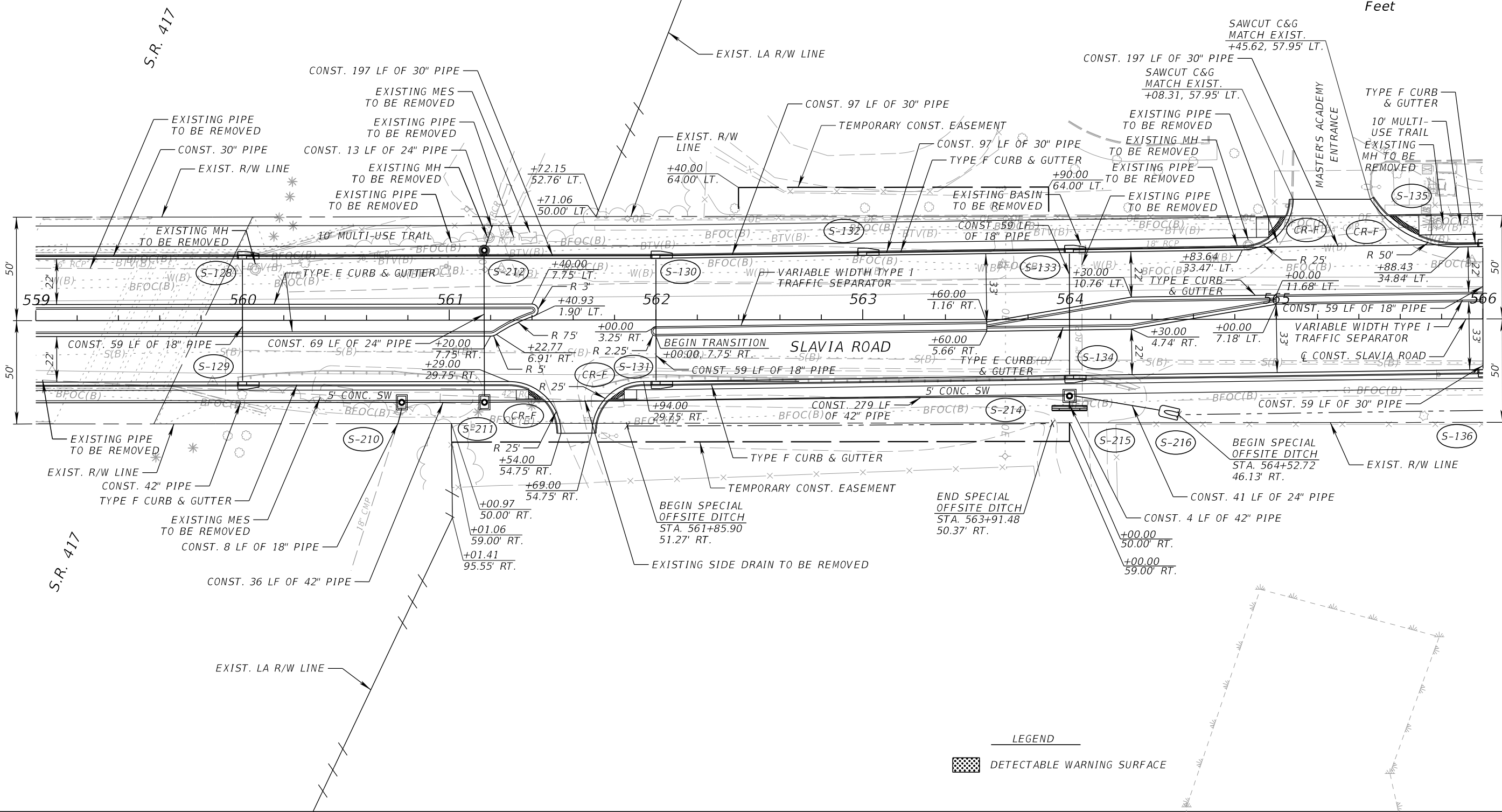
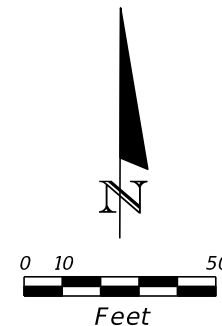


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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|----------|---------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                  | COUNTY PROJECT NO. | CIP NO.  |                                 | 18        |
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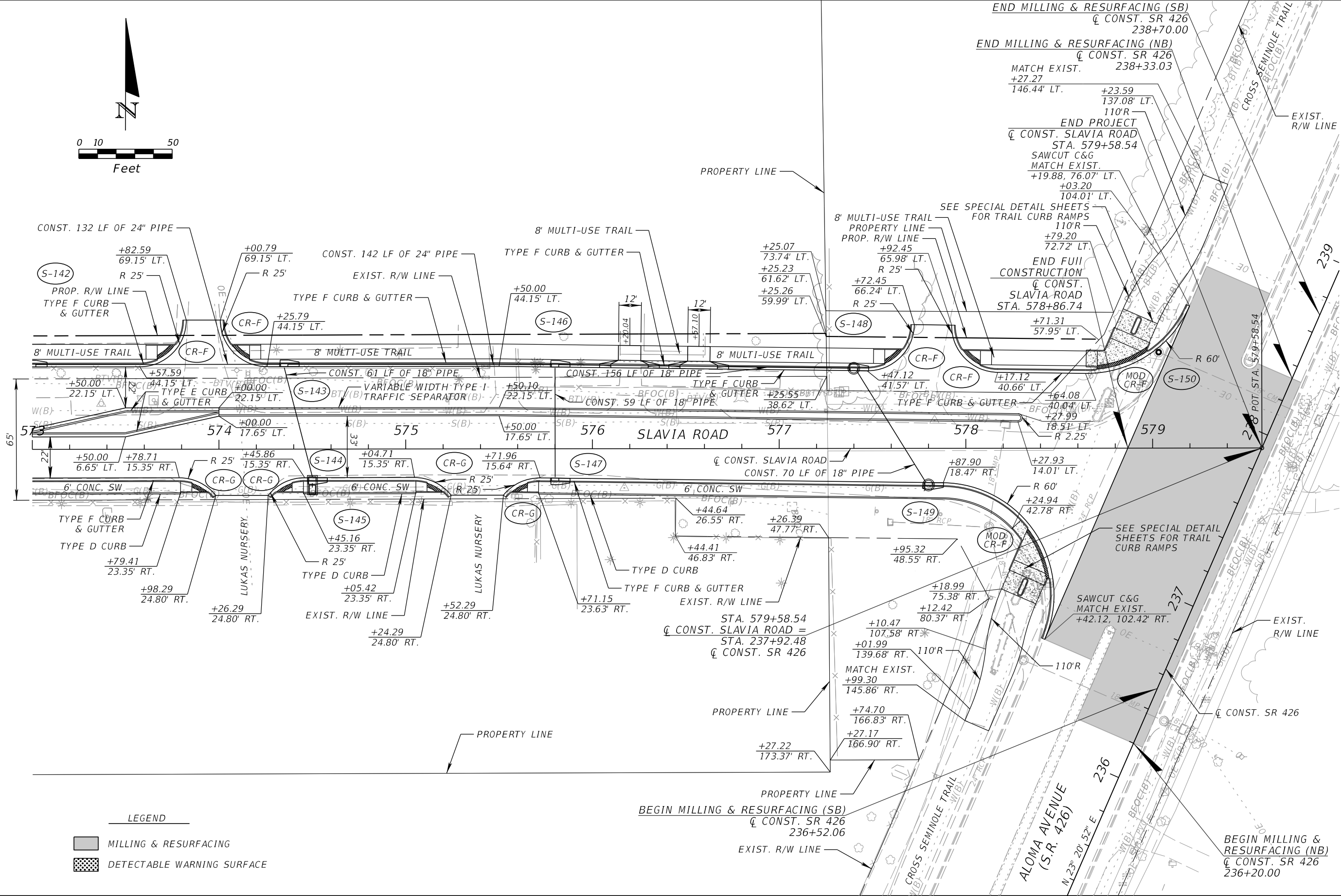
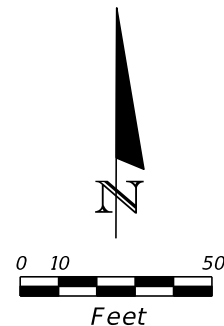






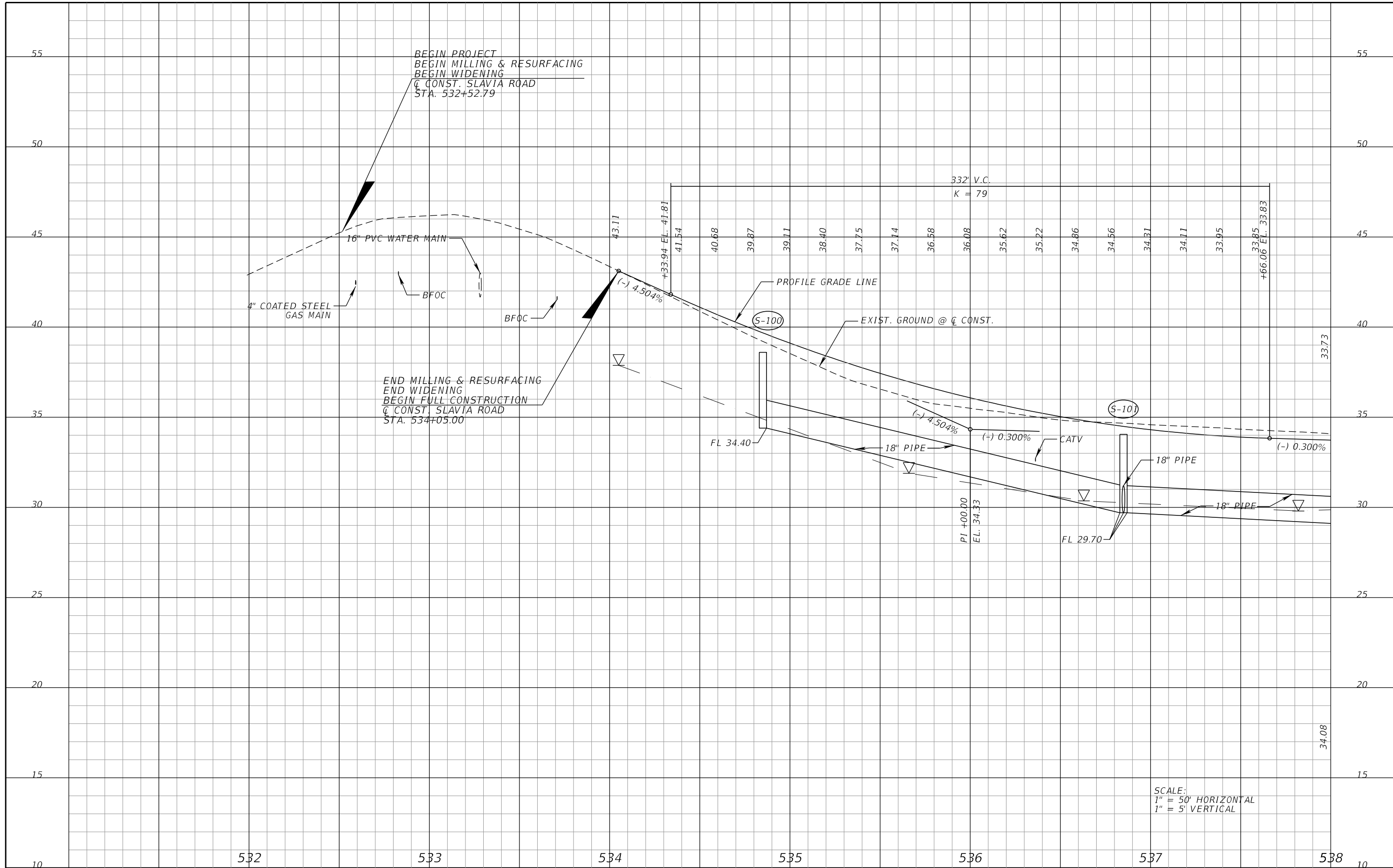
| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br> SEMINOLE COUNTY |                    |          | ROADWAY PLAN (5)<br>SLAVIA ROAD | SHEET NO.<br><br>21 |
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                                     | COUNTY PROJECT NO. | CIP NO.  |                                 |                     |
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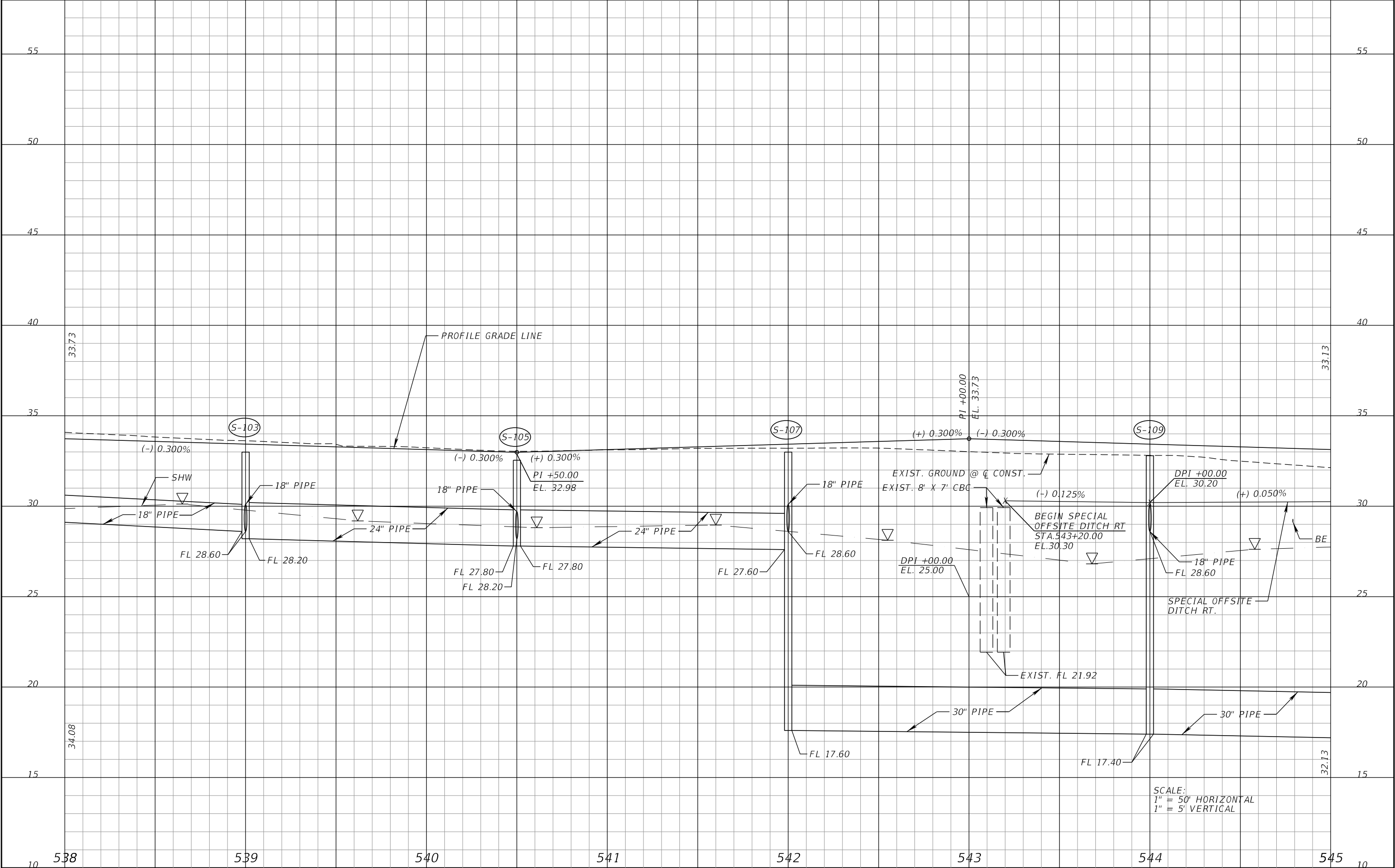
- LEGEND
- MILLING & RESURFACING
  - DETECTABLE WARNING SURFACE

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



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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                       |                 |                     |           |
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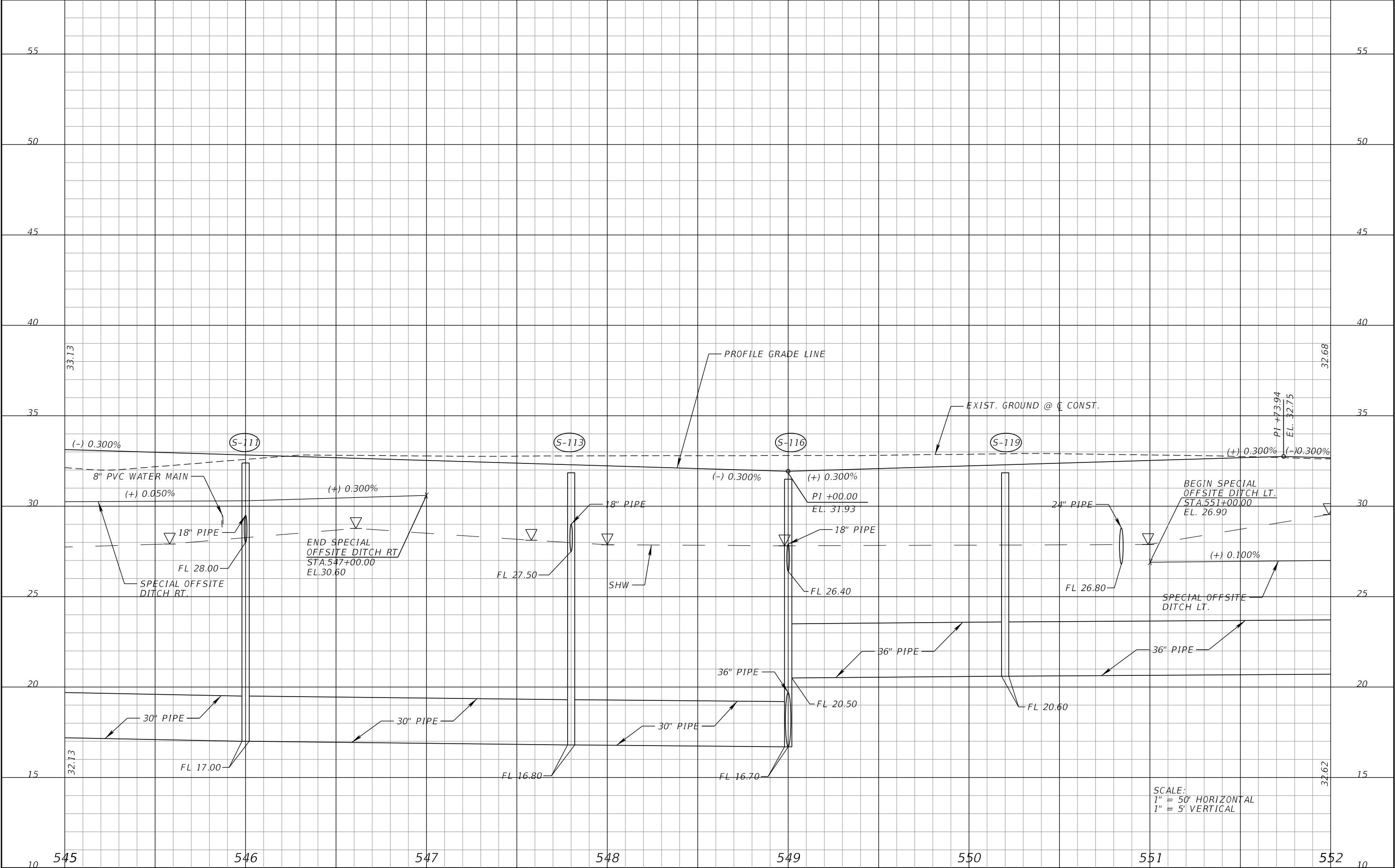
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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|------------------------------------|--|-----------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. |                                    |  |                 |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     |                                    |  |                 |
|           |             |      |             | SEMINOLE COUNTY                                                                                                                          |                                          | CIP NO.            |                                    |  |                 |
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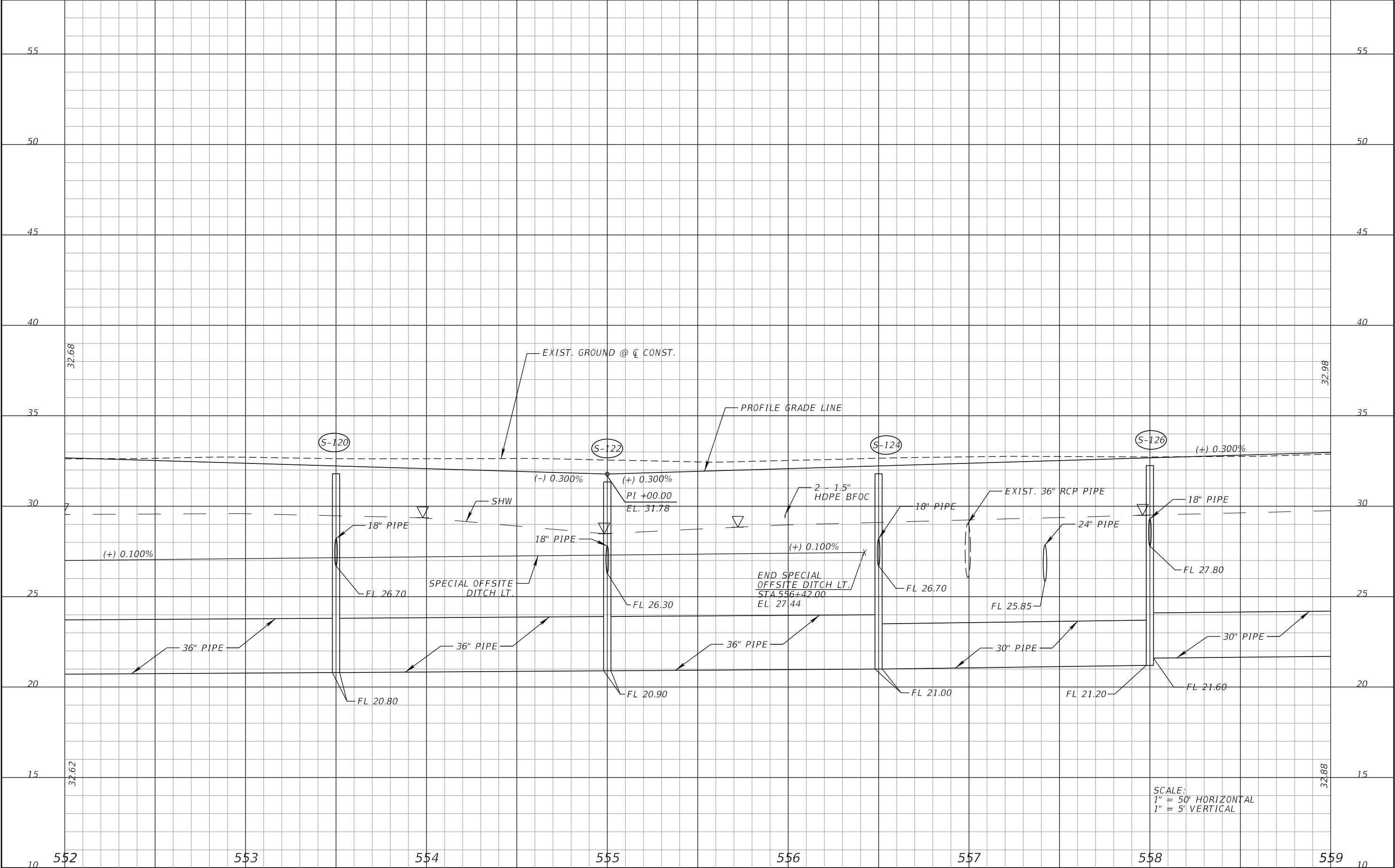
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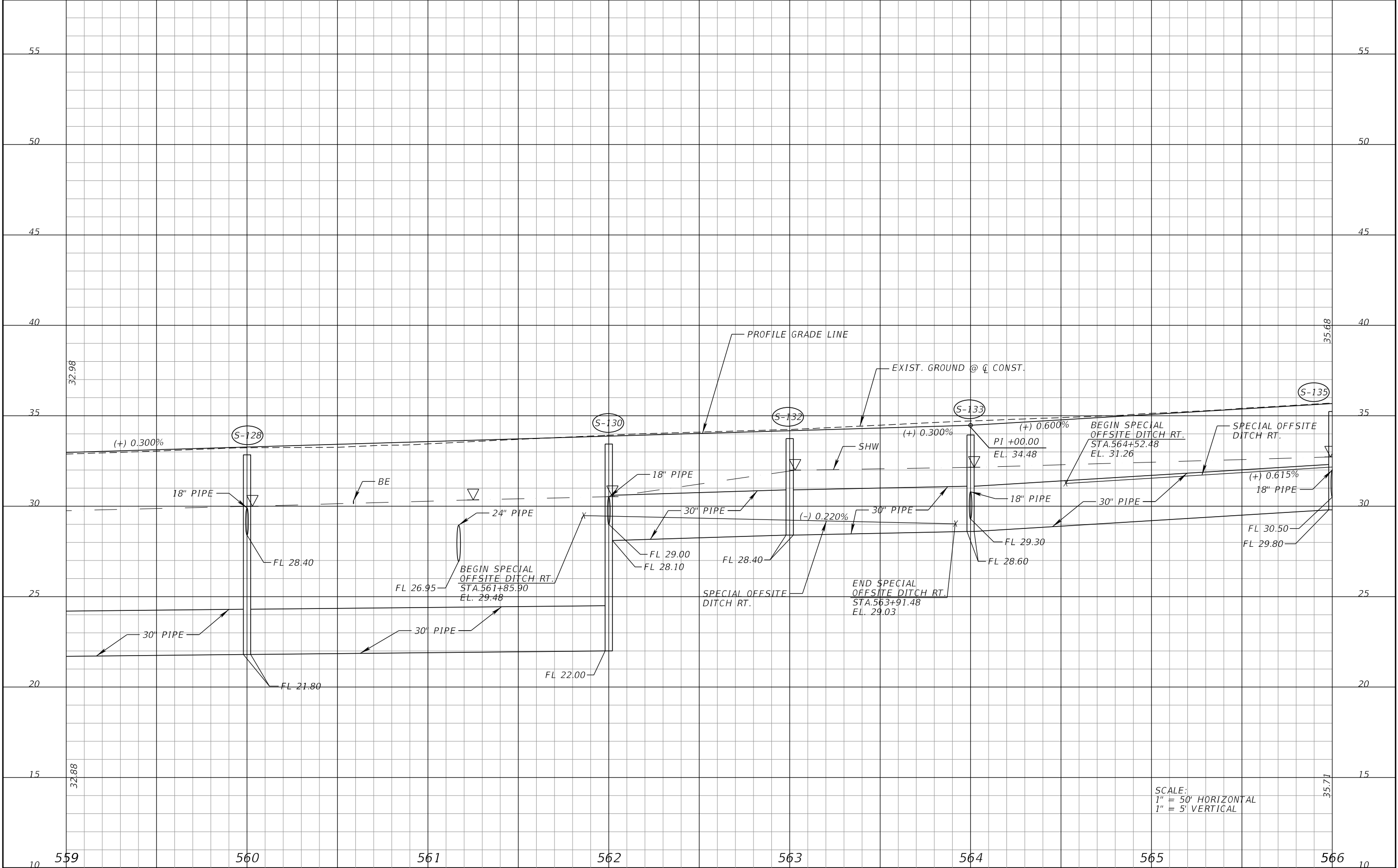
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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|--------------------|------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                       | ROAD            | COUNTY PROJECT NO. |                                    | CIP NO.   |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                | PS-2552-19/GCM  | 01785146           |                                    | 26        |

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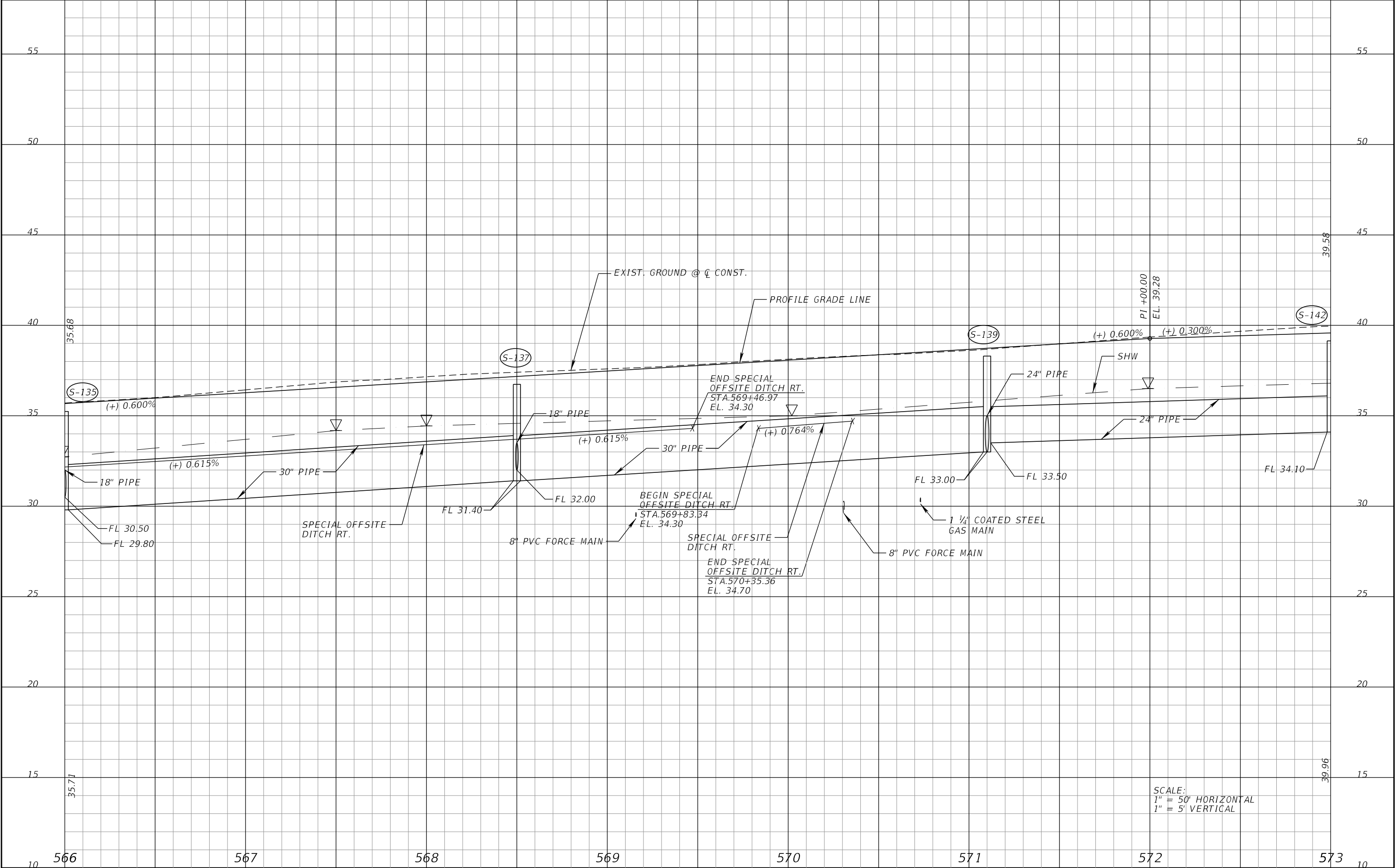
| REVISIONS |             |      |             | <div>JOSEPH KEEZEL, P.E.<br/>P.E. LICENSE NUMBER 57501<br/>DEWBERRY ENGINEERS INC.<br/>800 NORTH MAGNOLIA AVENUE SUITE 1000<br/>ORLANDO, FL 32803</div> | <div><div>SEMINOLE COUNTY</div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> | <div>ROADWAY PROFILE (4)</div> <div>SLAVIA ROAD</div> | SHEET NO. |
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                                         |                                                                                                                                                                                                           |                                                       |           |
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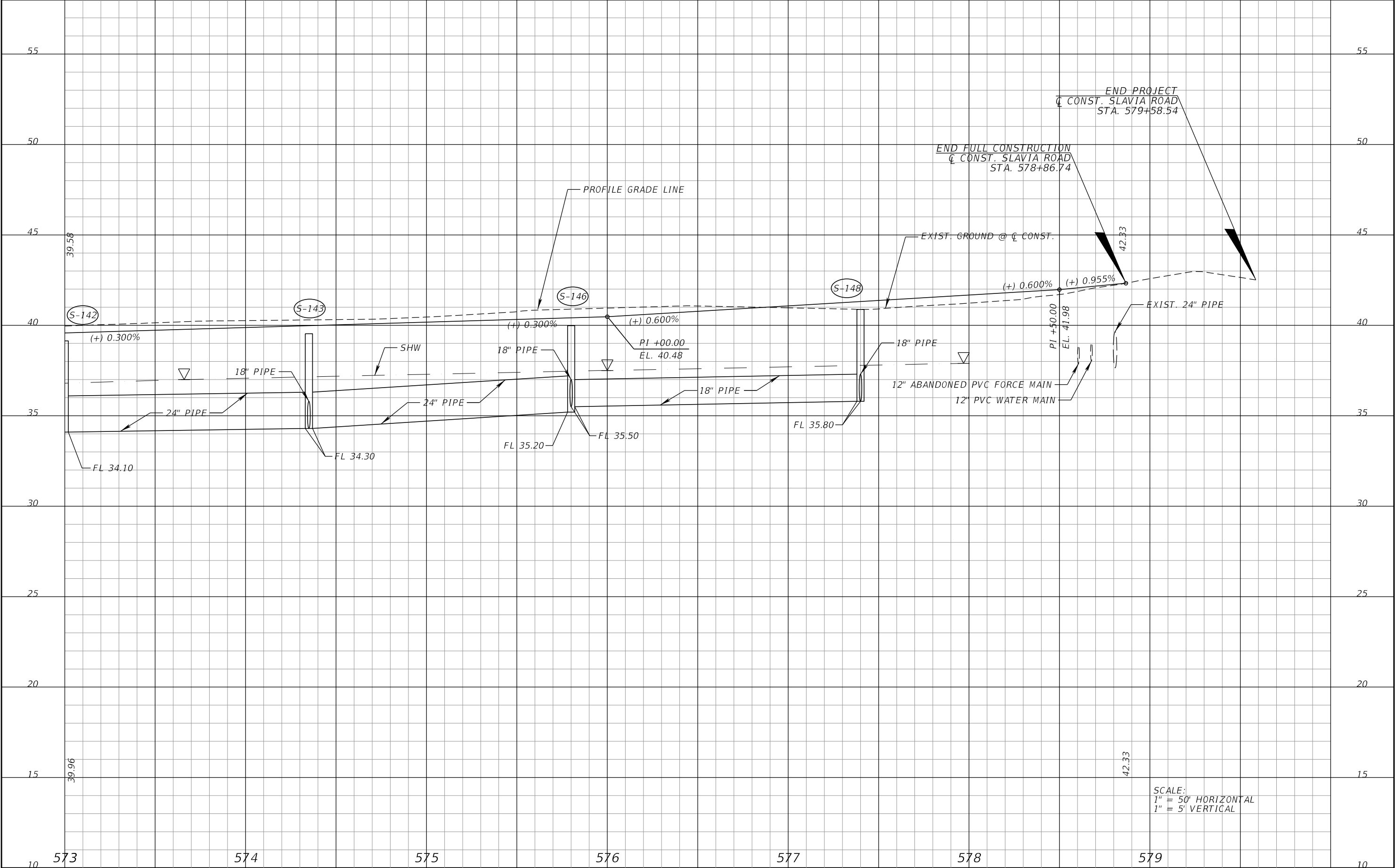
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| REVISIONS |             |      |             | <div>JOSEPH KEEZEL, P.E.<br/>P.E. LICENSE NUMBER 57501<br/>DEWBERRY ENGINEERS INC.<br/>800 NORTH MAGNOLIA AVENUE SUITE 1000<br/>ORLANDO, FL 32803</div> <div><div><div>SEMINOLE COUNTY</div><div>SEMINOLE COUNTY</div></div><div><div>ROAD</div><div>SLAVIA</div></div><div><div>COUNTY PROJECT NO.</div><div>PS-2552-19/GCM</div></div><div><div>CIP NO.</div><div>01785146</div></div></div> | ROADWAY PROFILE (5)<br>SLAVIA ROAD |  | SHEET NO. |  |
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                                                                |                                    |  | 28        |  |

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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--|-----------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                                                                                           |                                    |  |                 |
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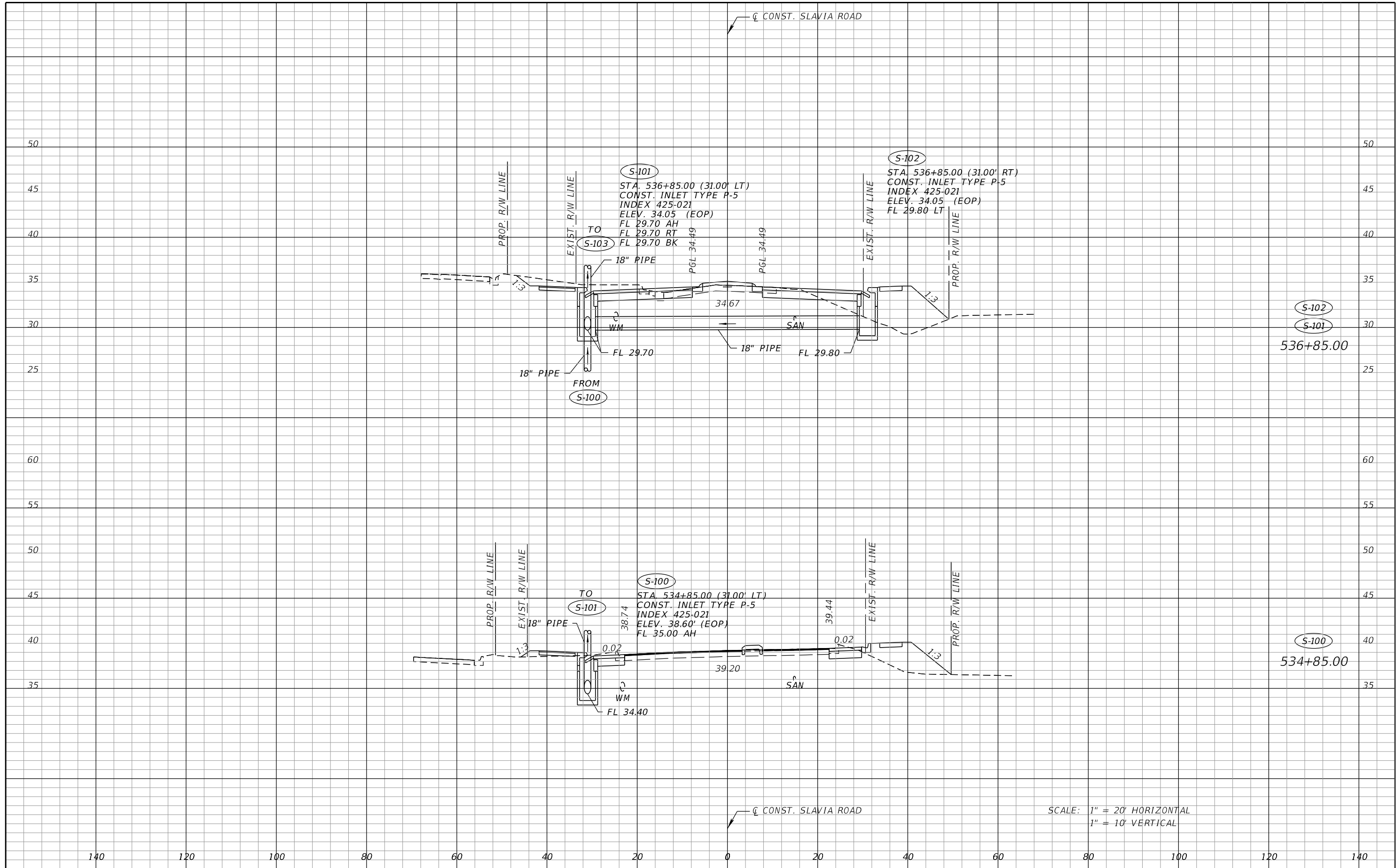
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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------|----------|------------------------------------|--|--------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                        | COUNTY PROJECT NO. | CIP NO.  |                                    |  |                    |
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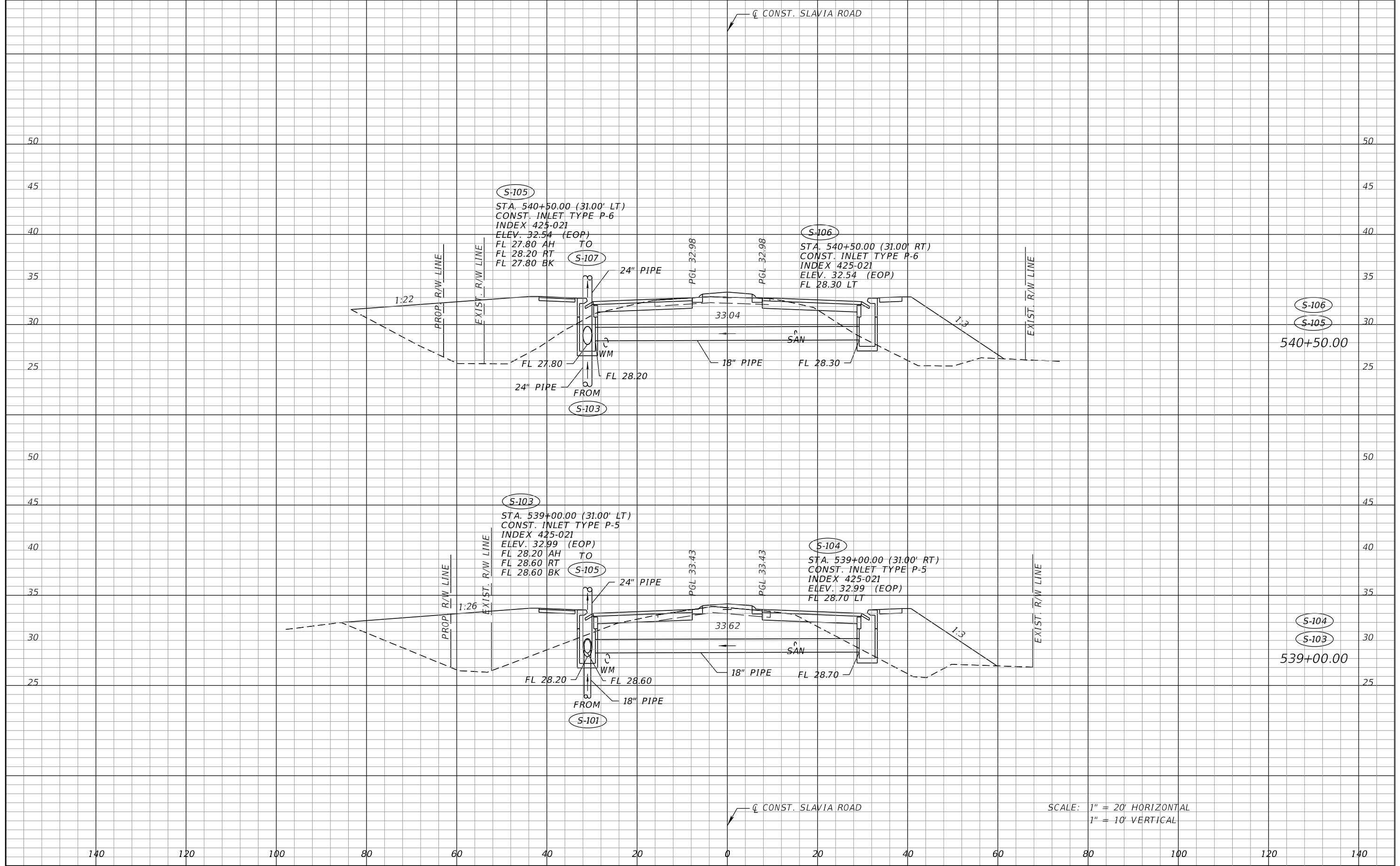
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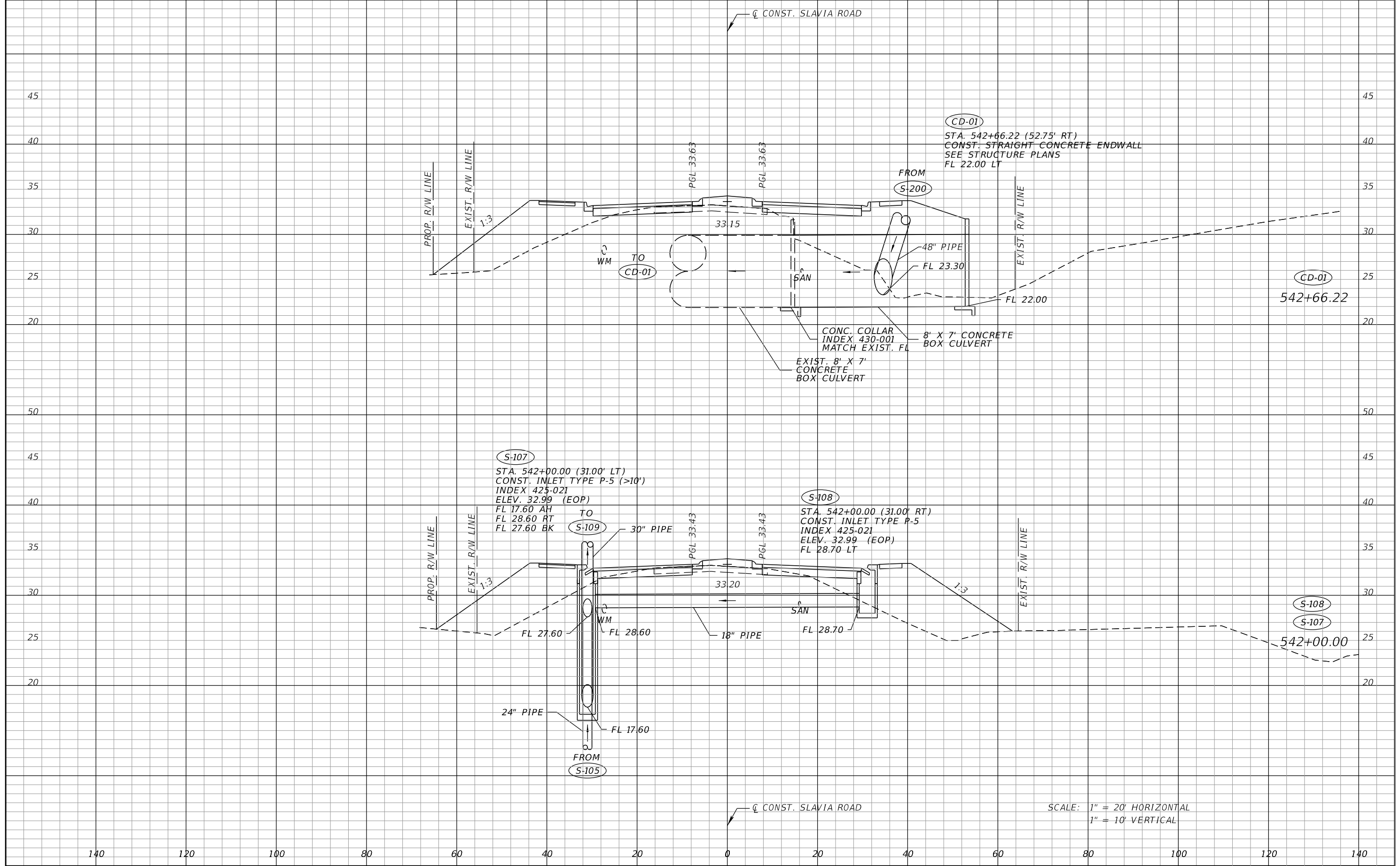
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>31 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                                     |  |                        |

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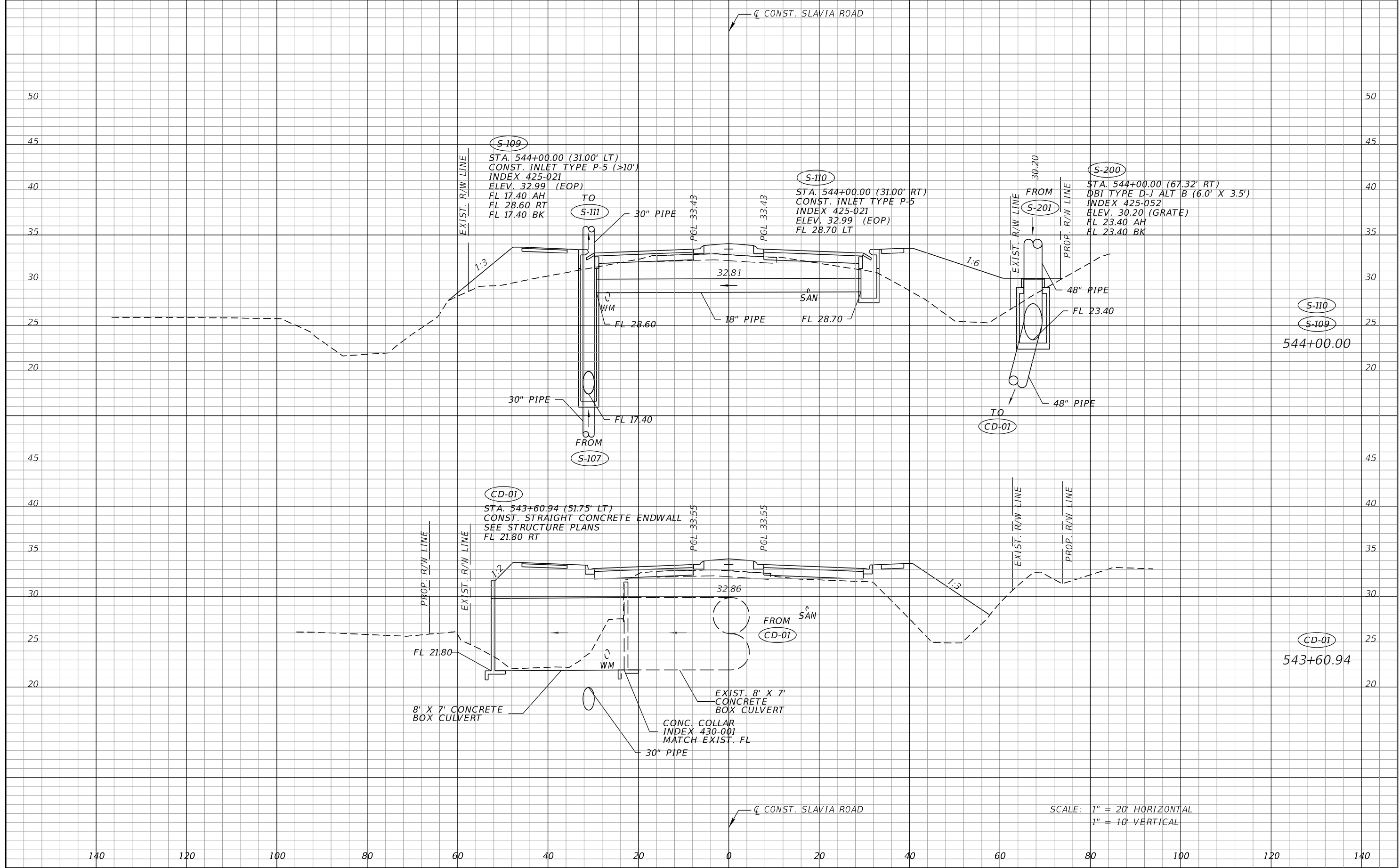
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM      |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           |                                          | CIP NO.<br>01785146 |                                                     |  |                        |

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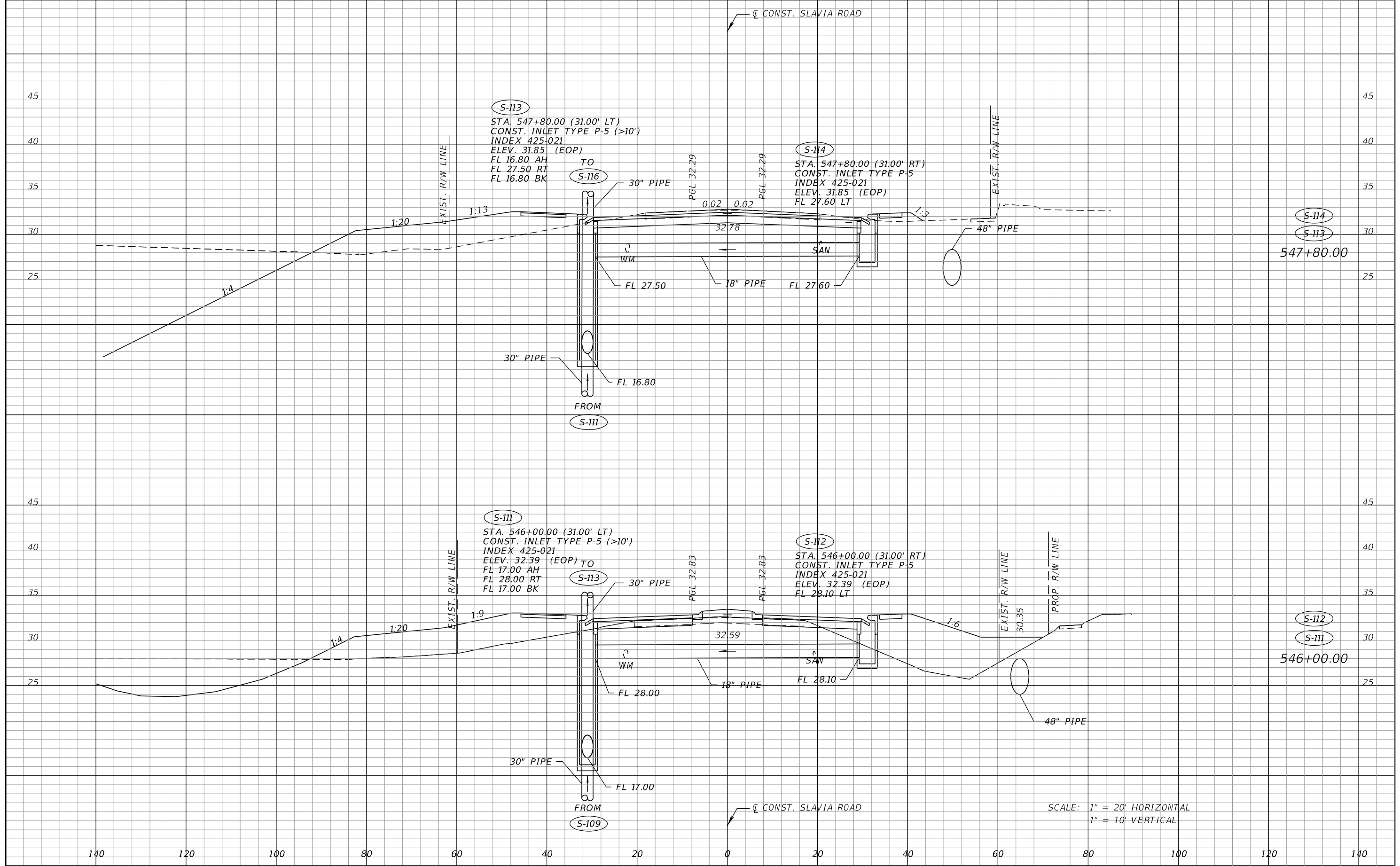
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |                        |
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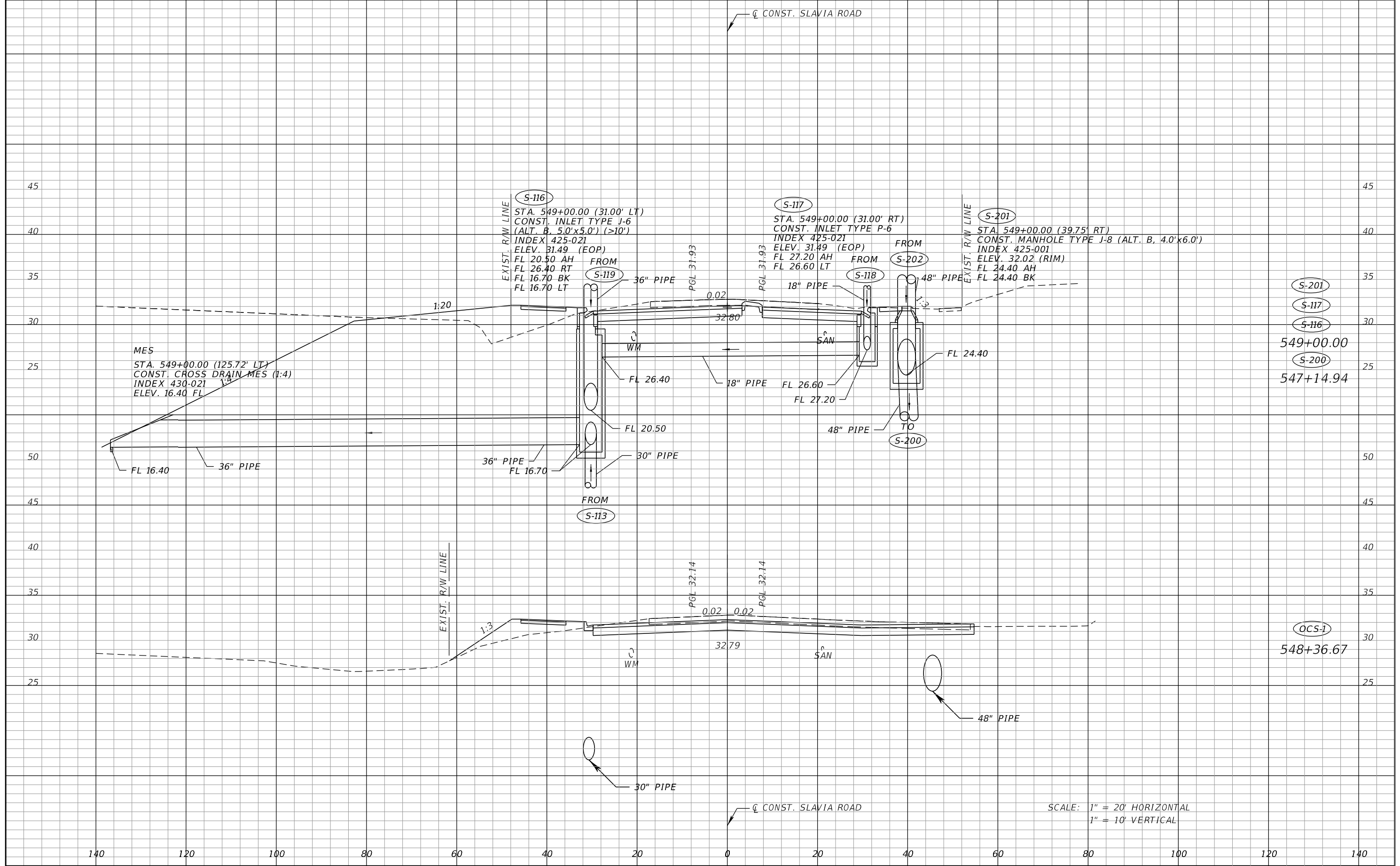
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                     | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>34 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM      |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           |                                          | CIP NO.<br>01785146 |                                                     |  |                        |

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

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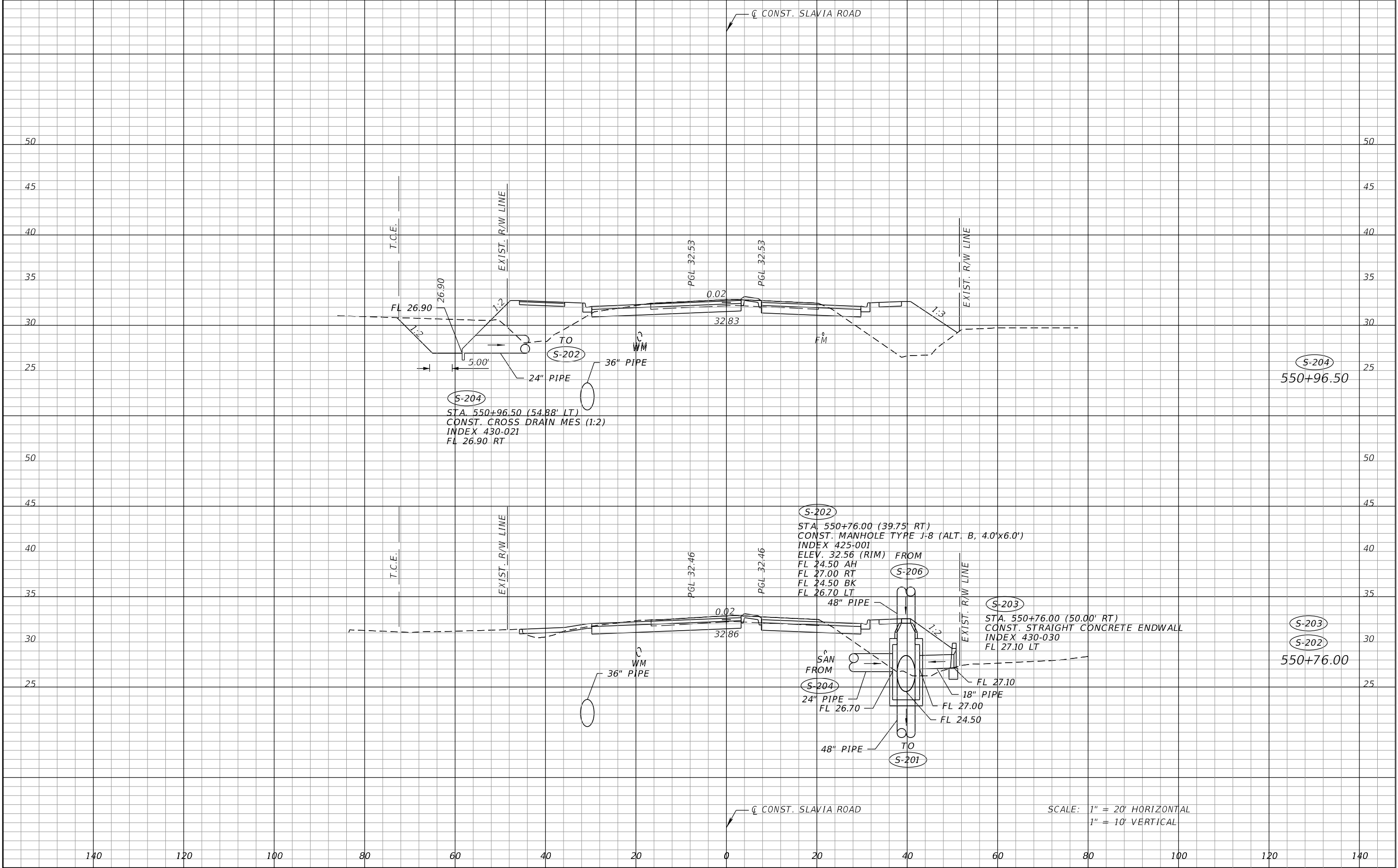


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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------------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

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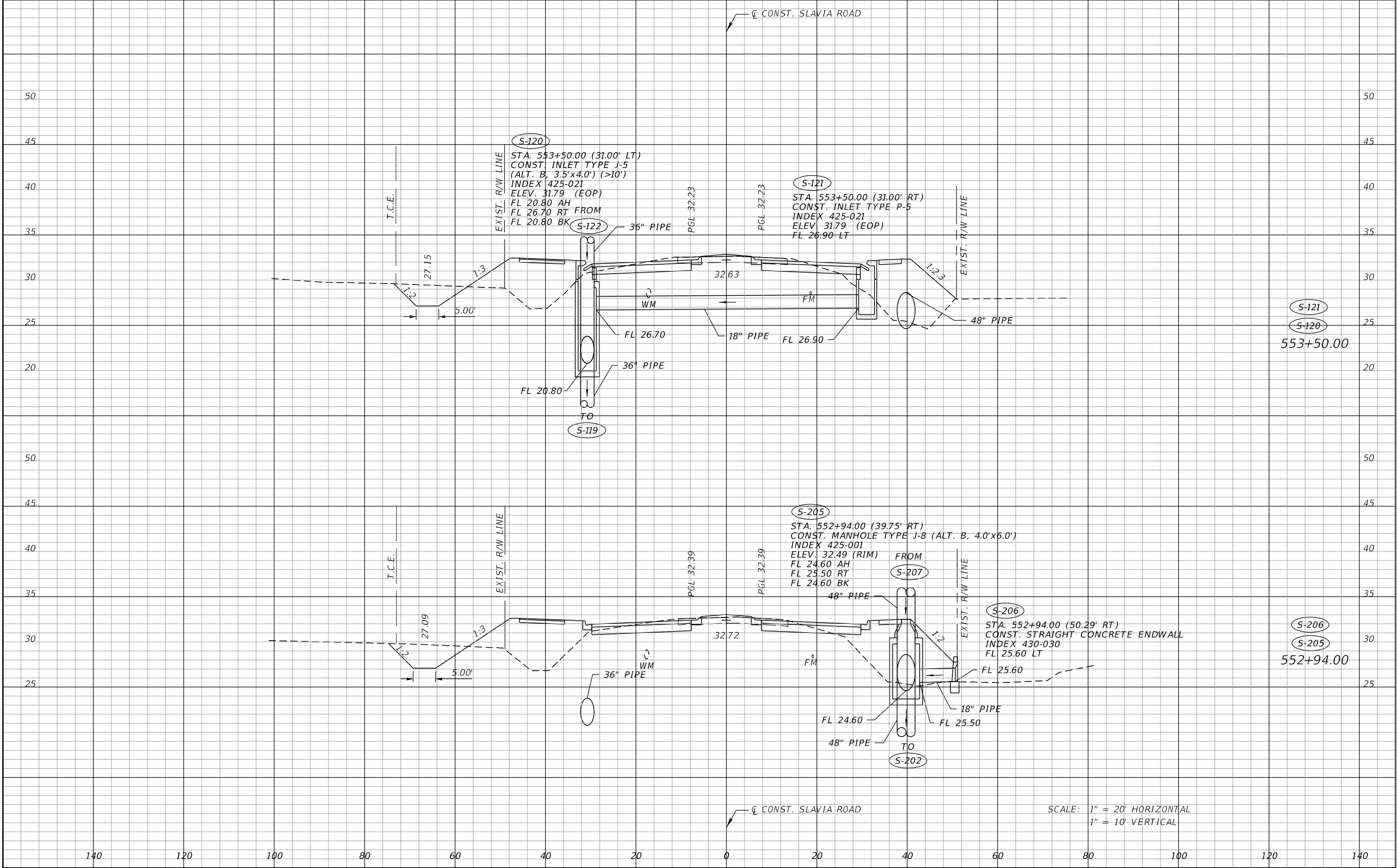






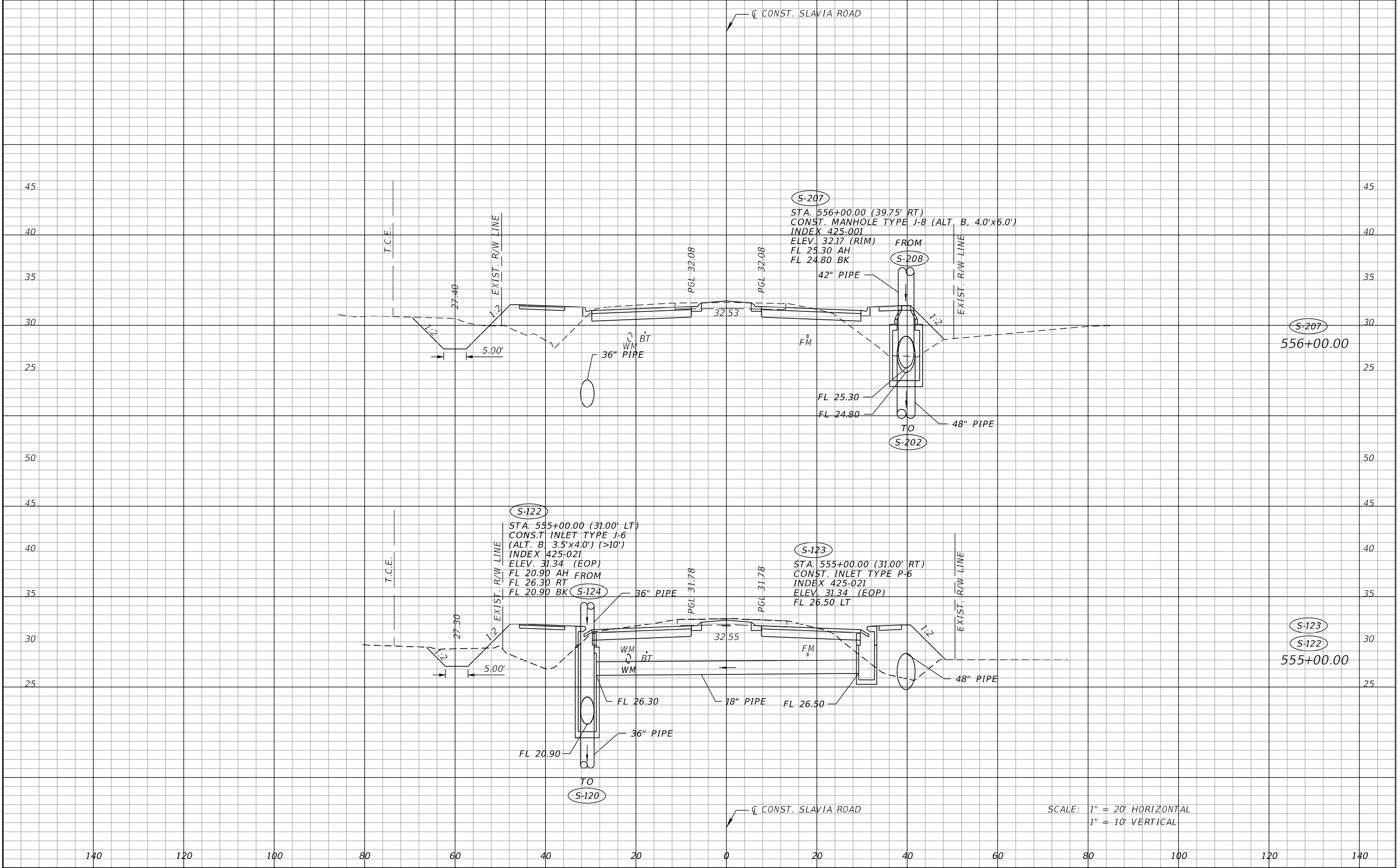
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------------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

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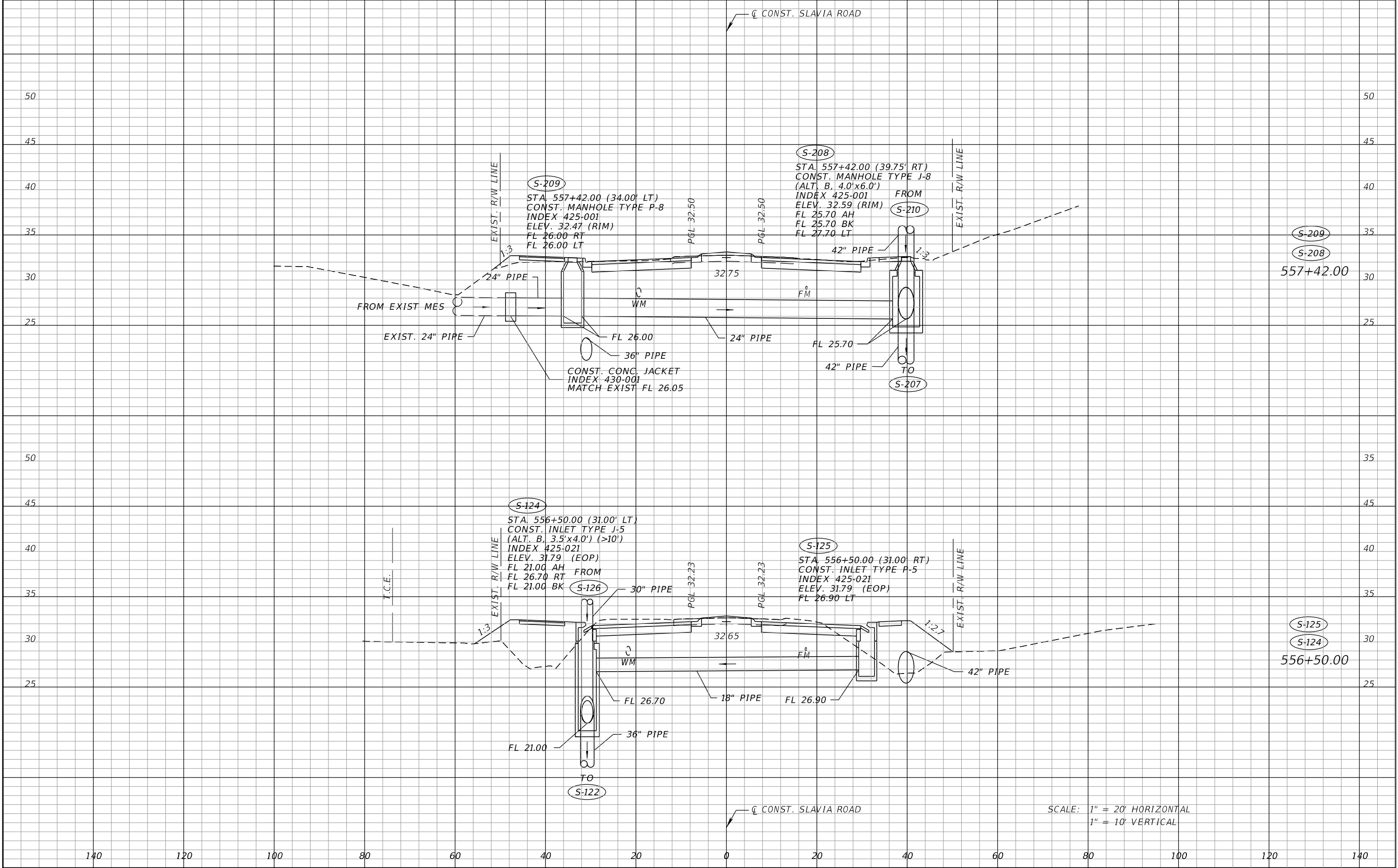
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>39 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                                     |  |                        |

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

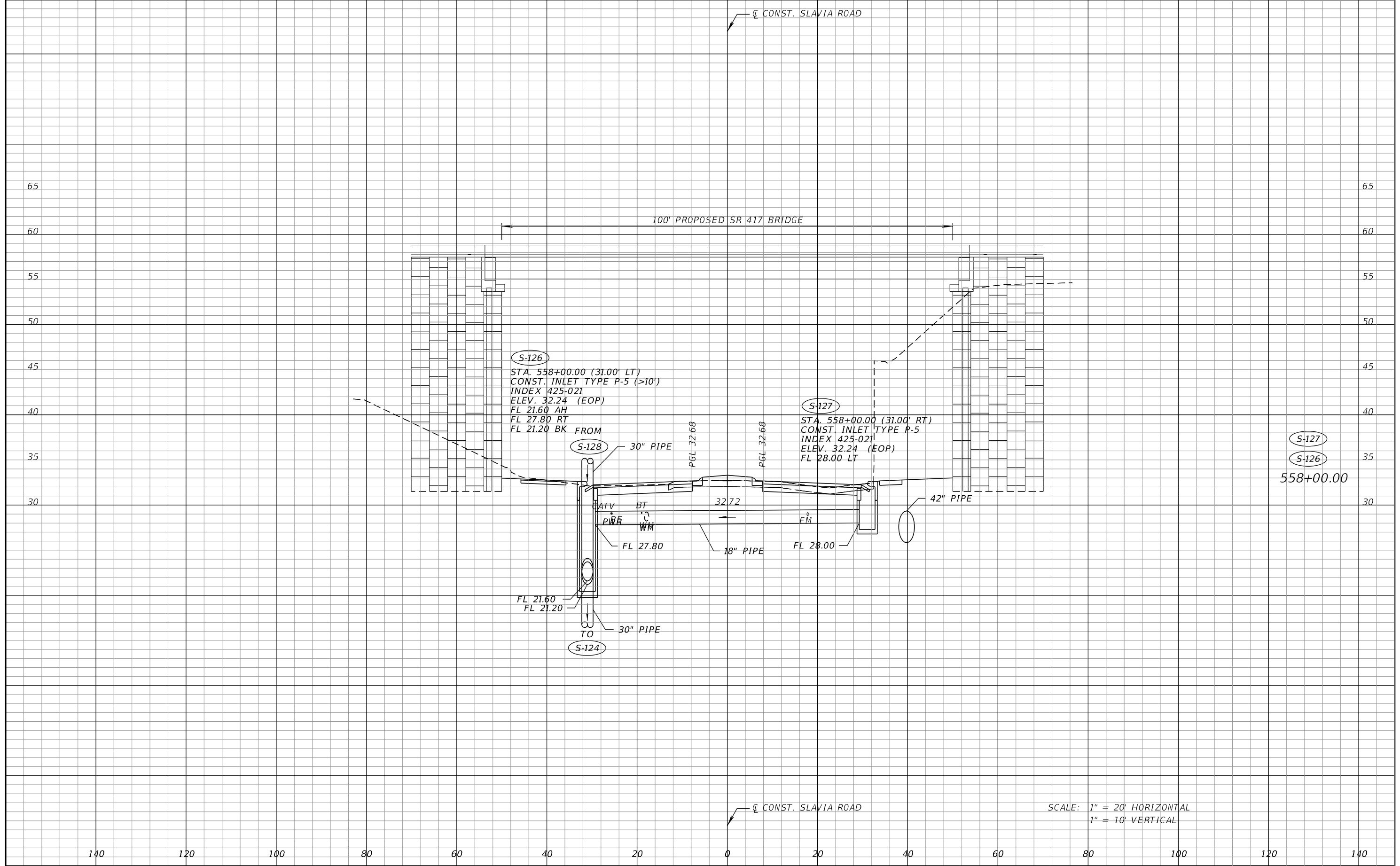
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SCALE: 1" = 20' HORIZONTAL  
1" = 10' VERTICAL

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

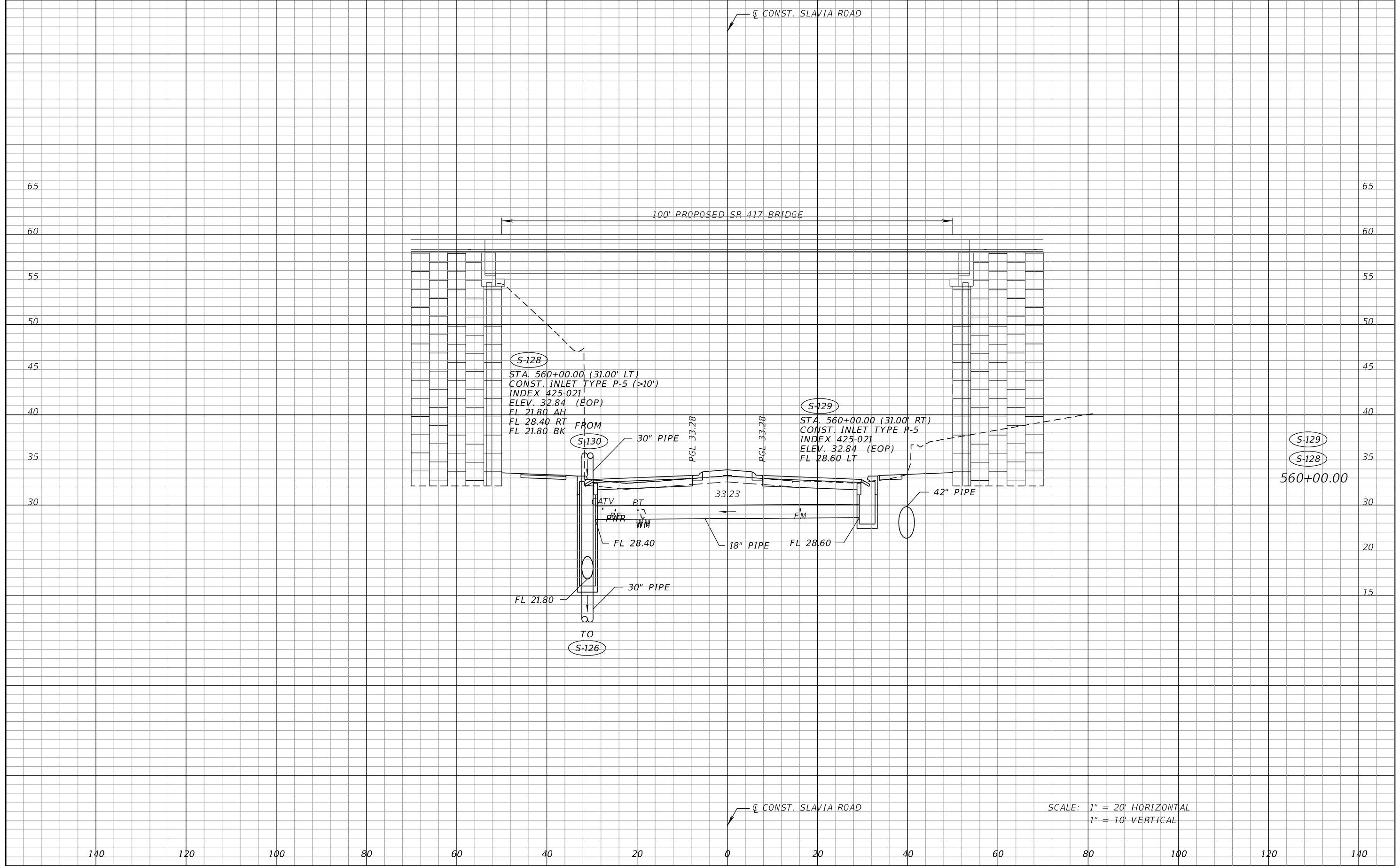
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------------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

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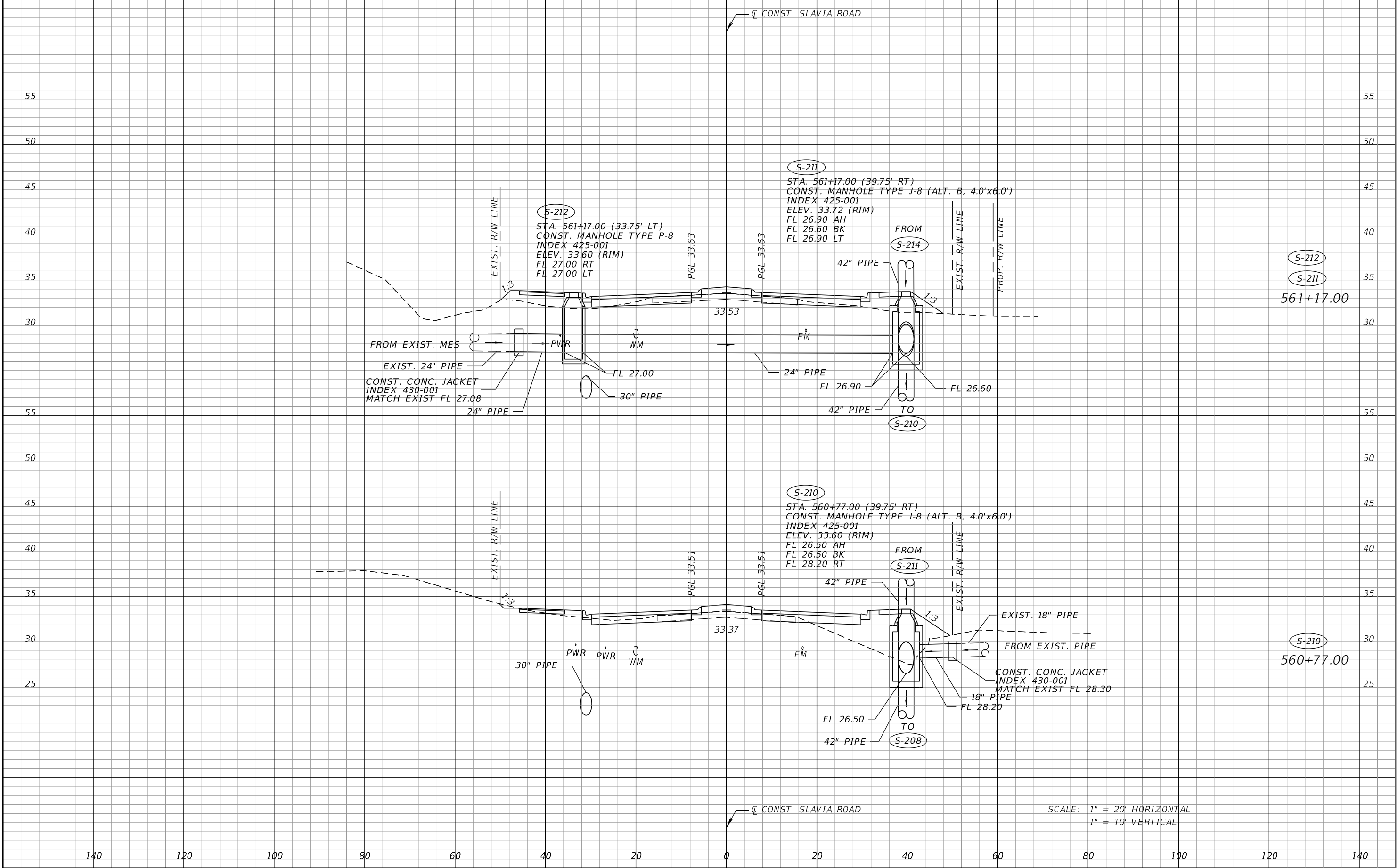




| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>43 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                                     |  |                        |

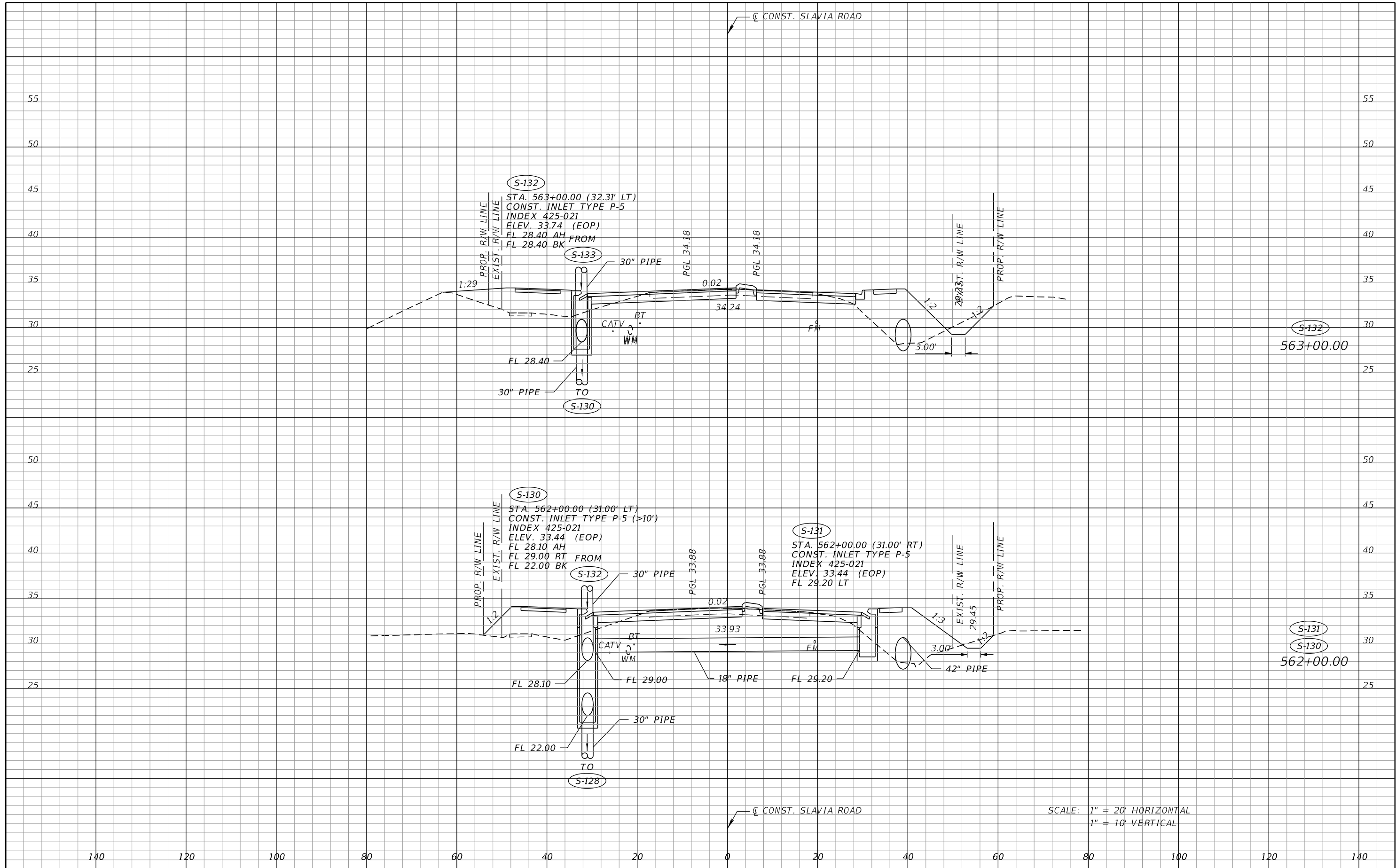
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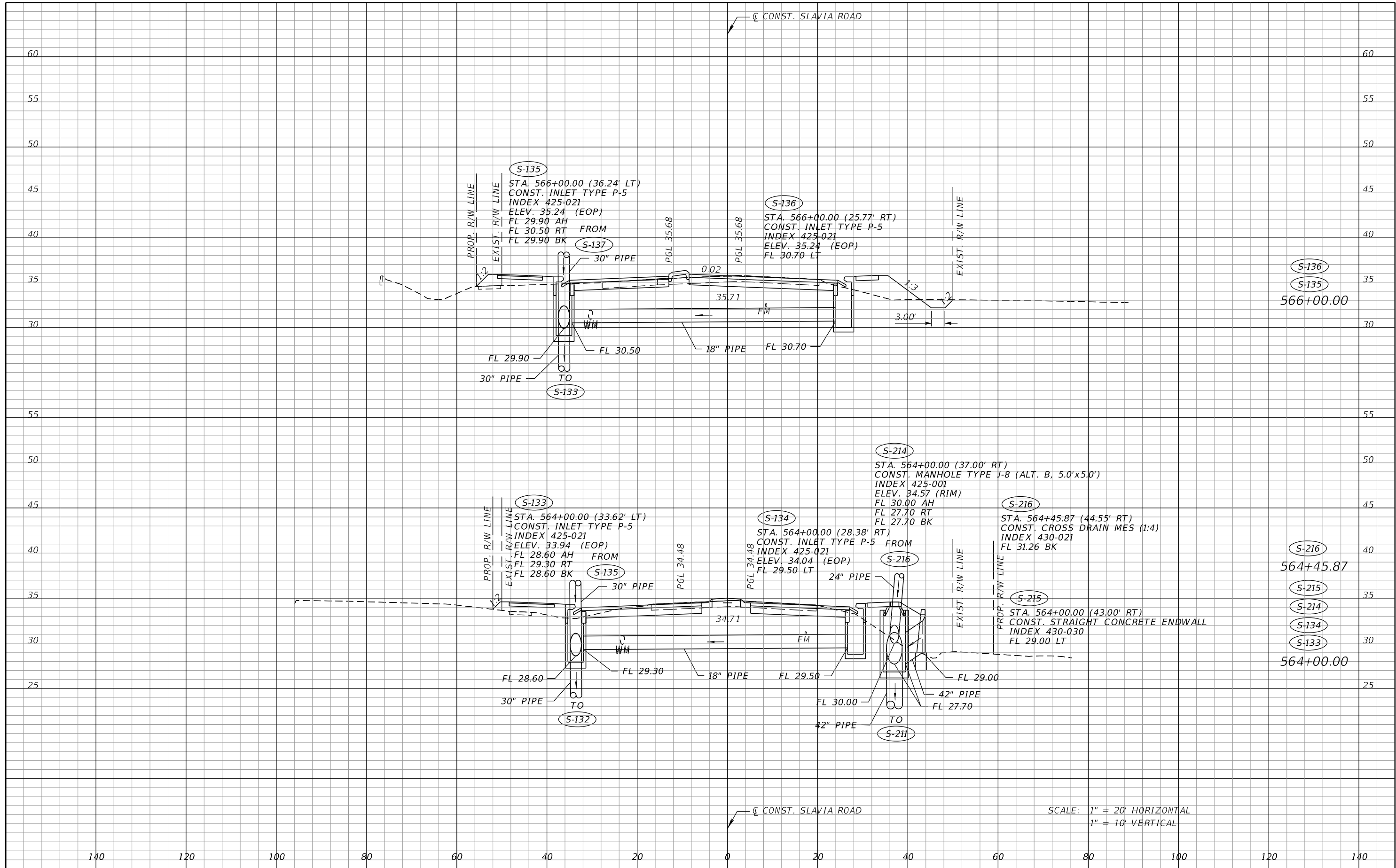
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                     | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>44 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM      |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           |                                          | CIP NO.<br>01785146 |                                                     |  |                        |

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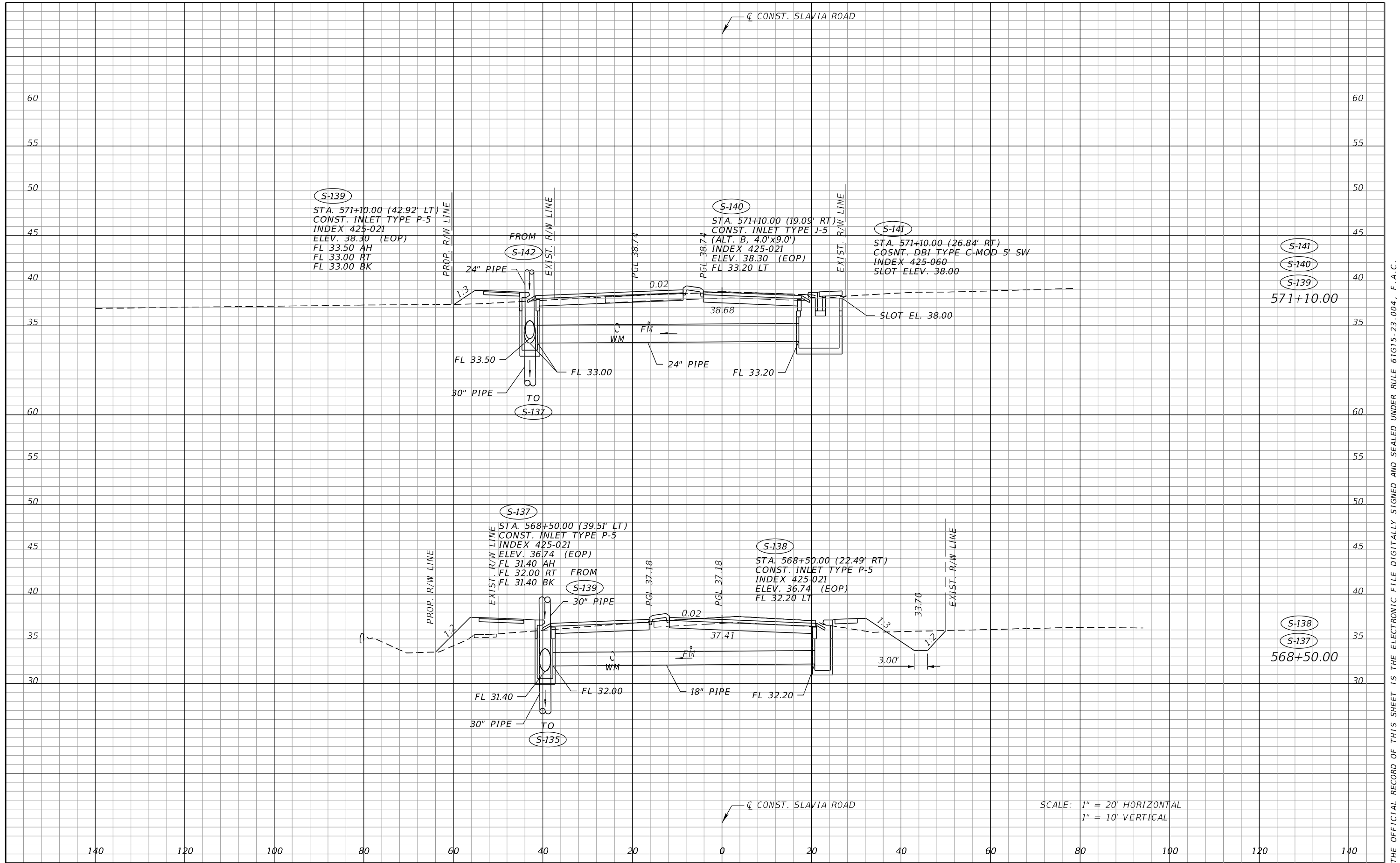
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>45 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                                     |  |                        |

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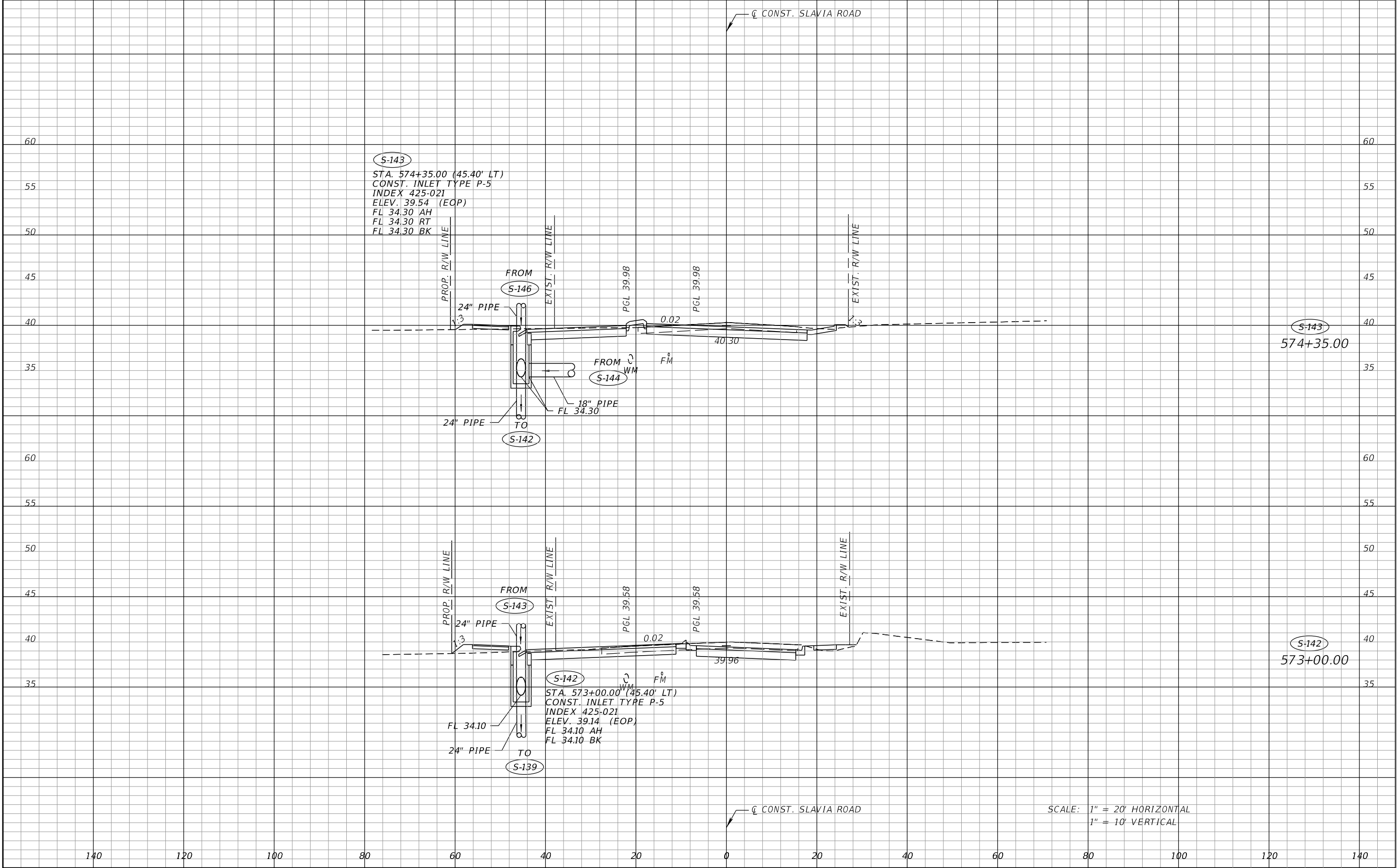
| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | DRAINAGE STRUCTURE<br>CROSS SECTIONS<br>SLAVIA ROAD |  |  | SHEET<br>NO.<br><br>46 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------------------------|--|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                                     |  |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                                     |  |  |                        |

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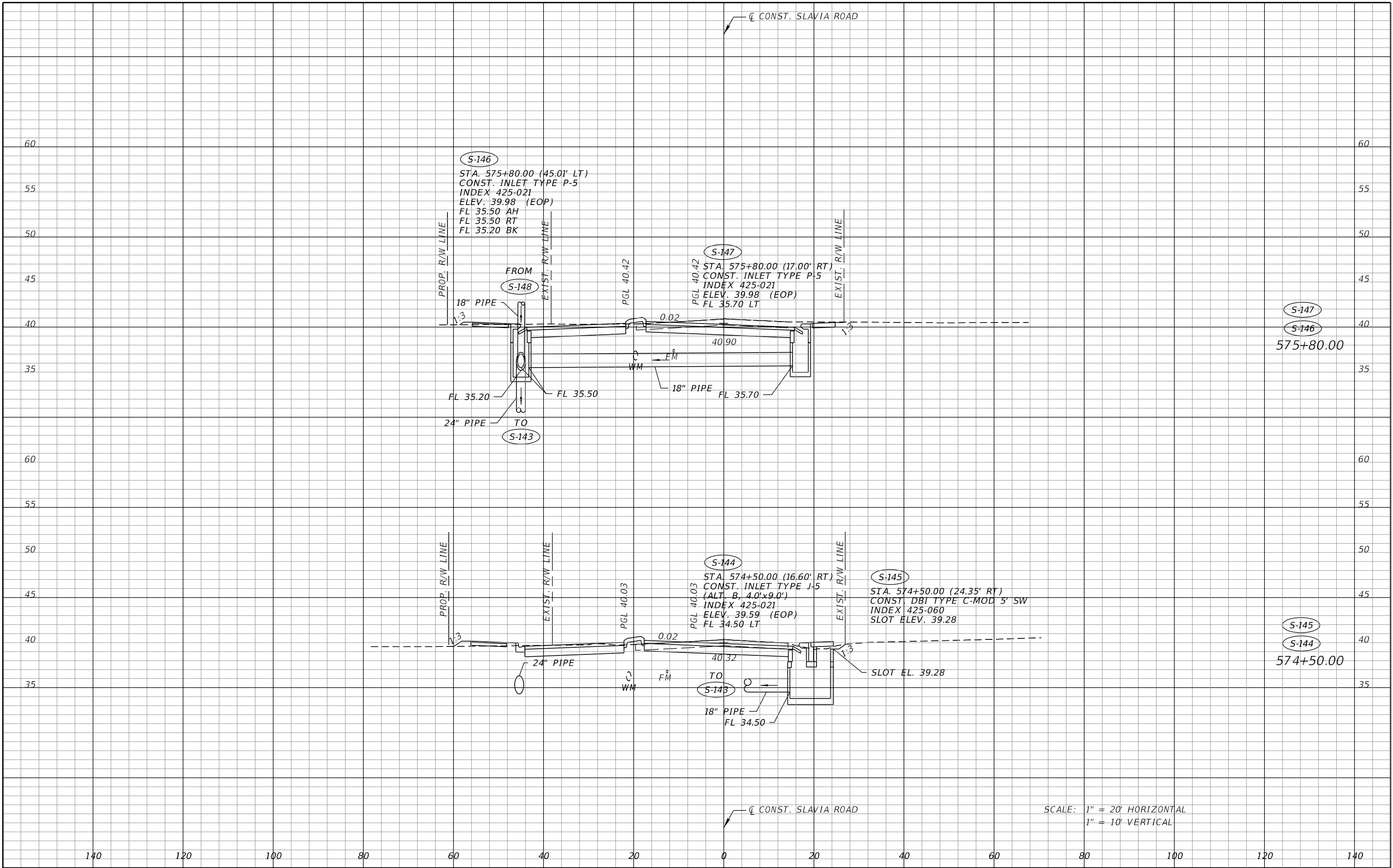
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------------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

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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|-----------------------------------------------------|--|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD            | COUNTY PROJECT NO.  |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           | SLAVIA          | PS-2552-19/GCM      |                                                     |  |                        |
|           |             |      |             |                                                                                                                                           |                 | CIP NO.<br>01785146 |                                                     |  |                        |

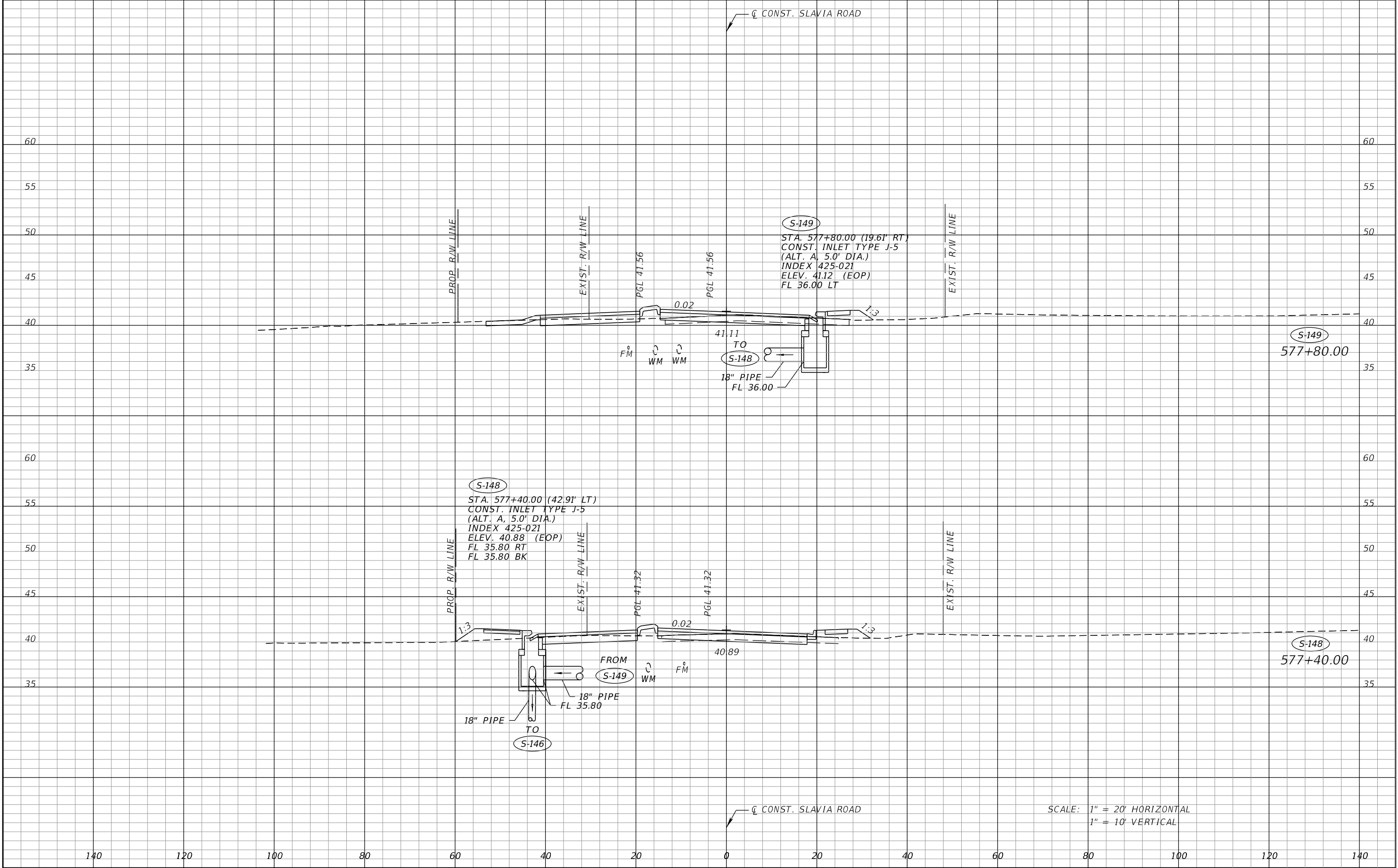
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|-----------------------------------------------------|-----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

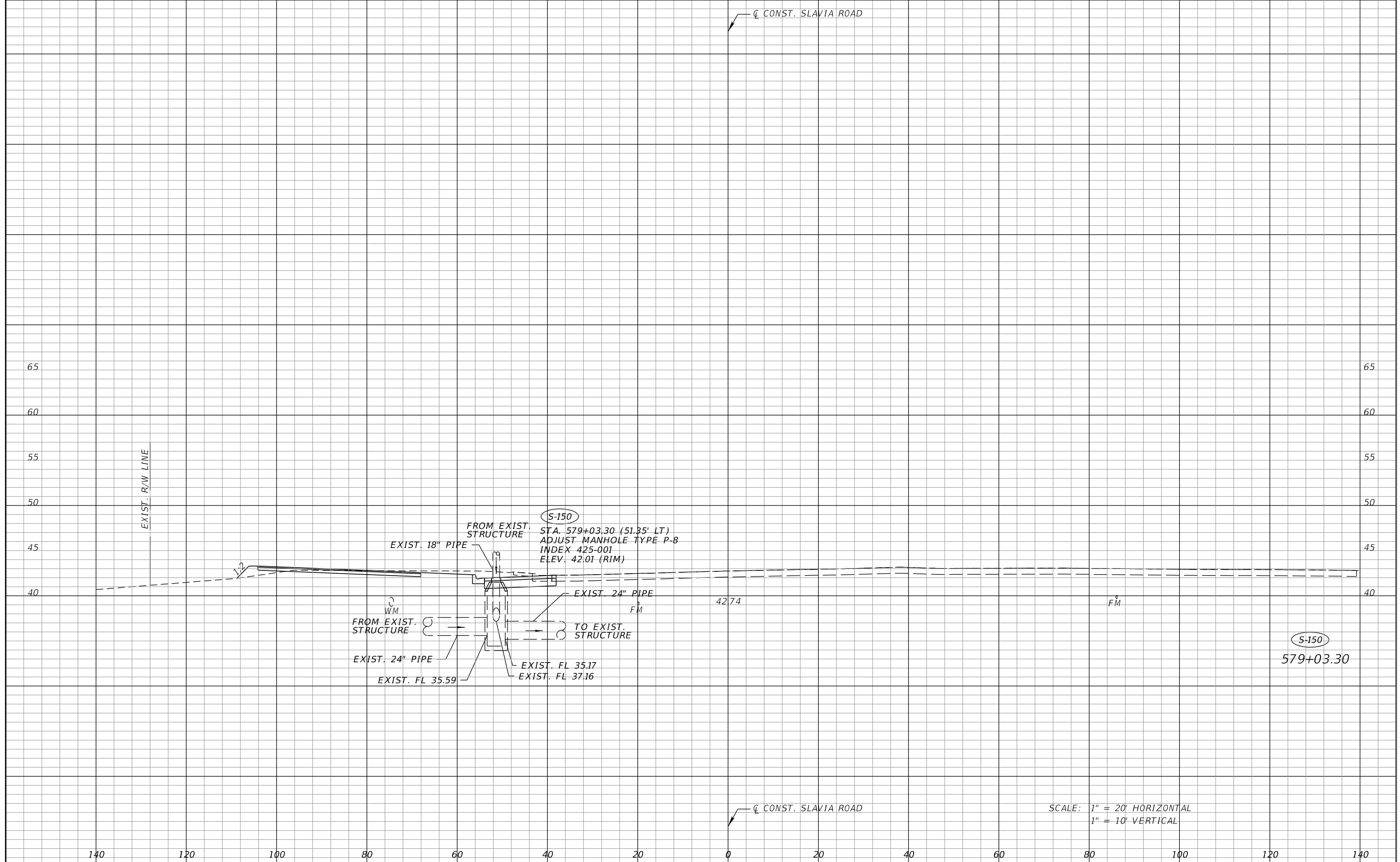
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------------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

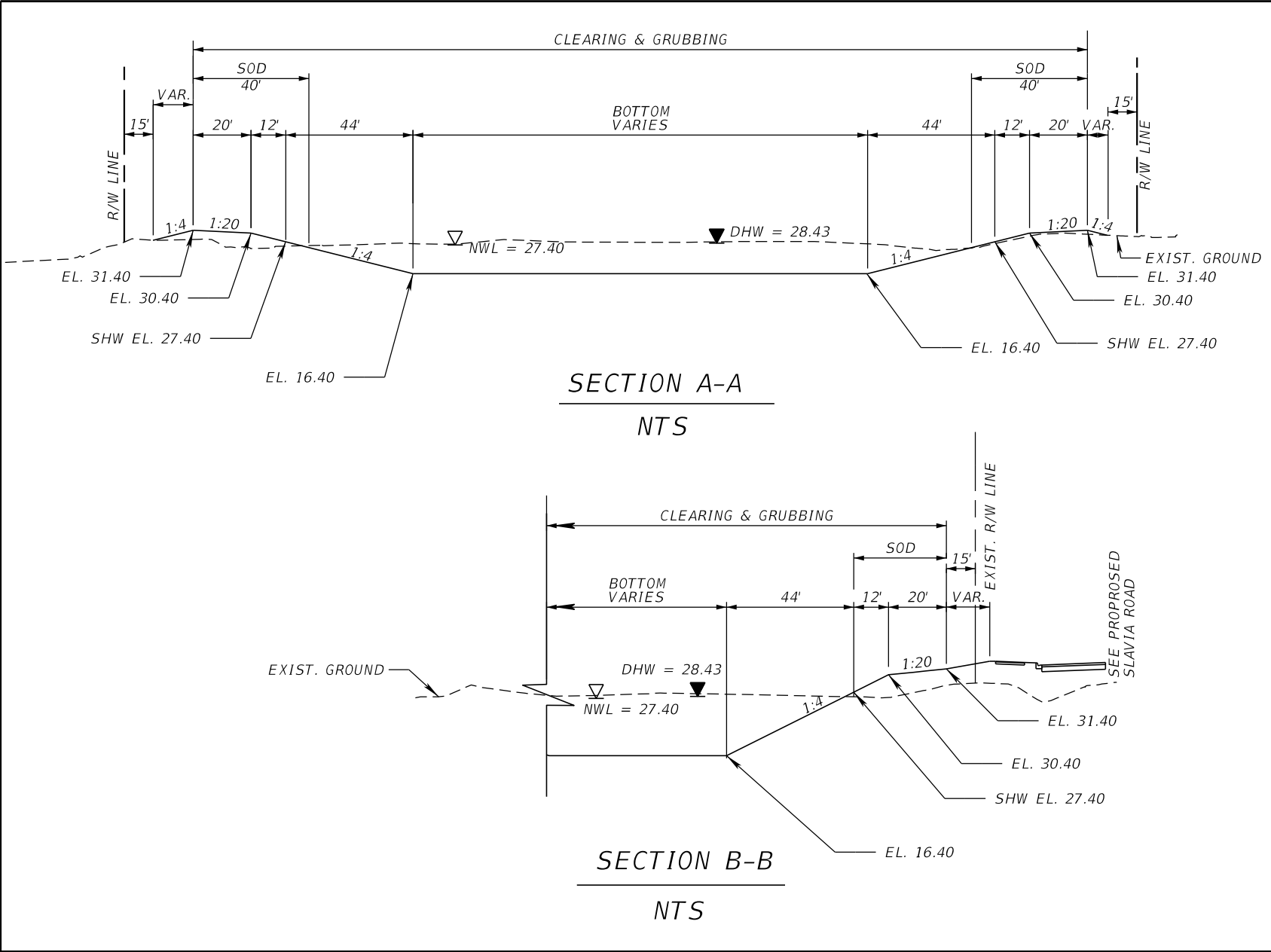
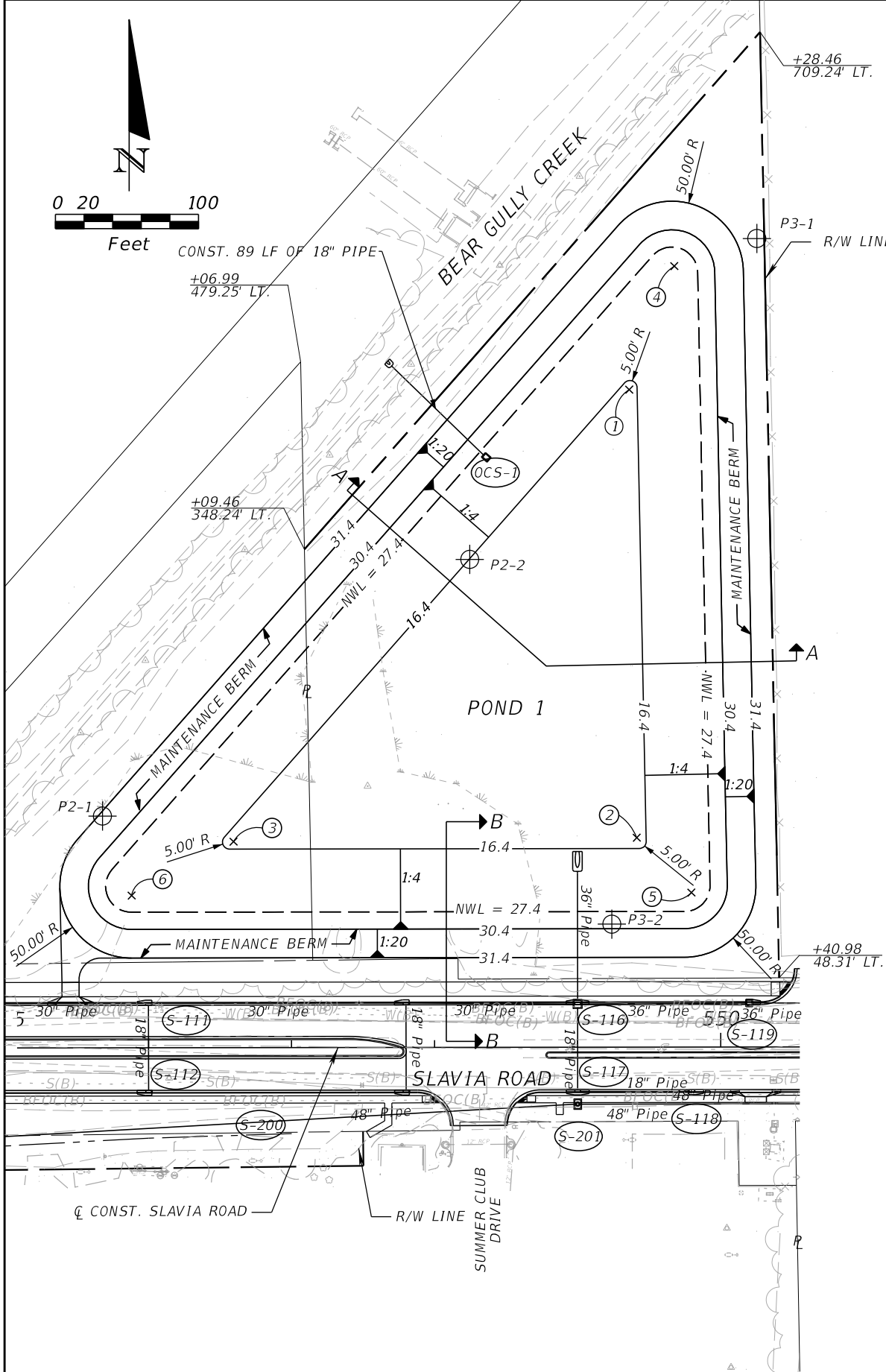
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|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|----------------|-----------------------------------------------------|--|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                                                                                  | COUNTY PROJECT NO. | CIP NO.        |                                                     |  |           |
|           |             |      |             |                                                                                                                                           |                                                                                                       | SLAVIA             | PS-2552-19/GCM | 01785146                                            |  | 51        |

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

| 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.  |

| 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'    |

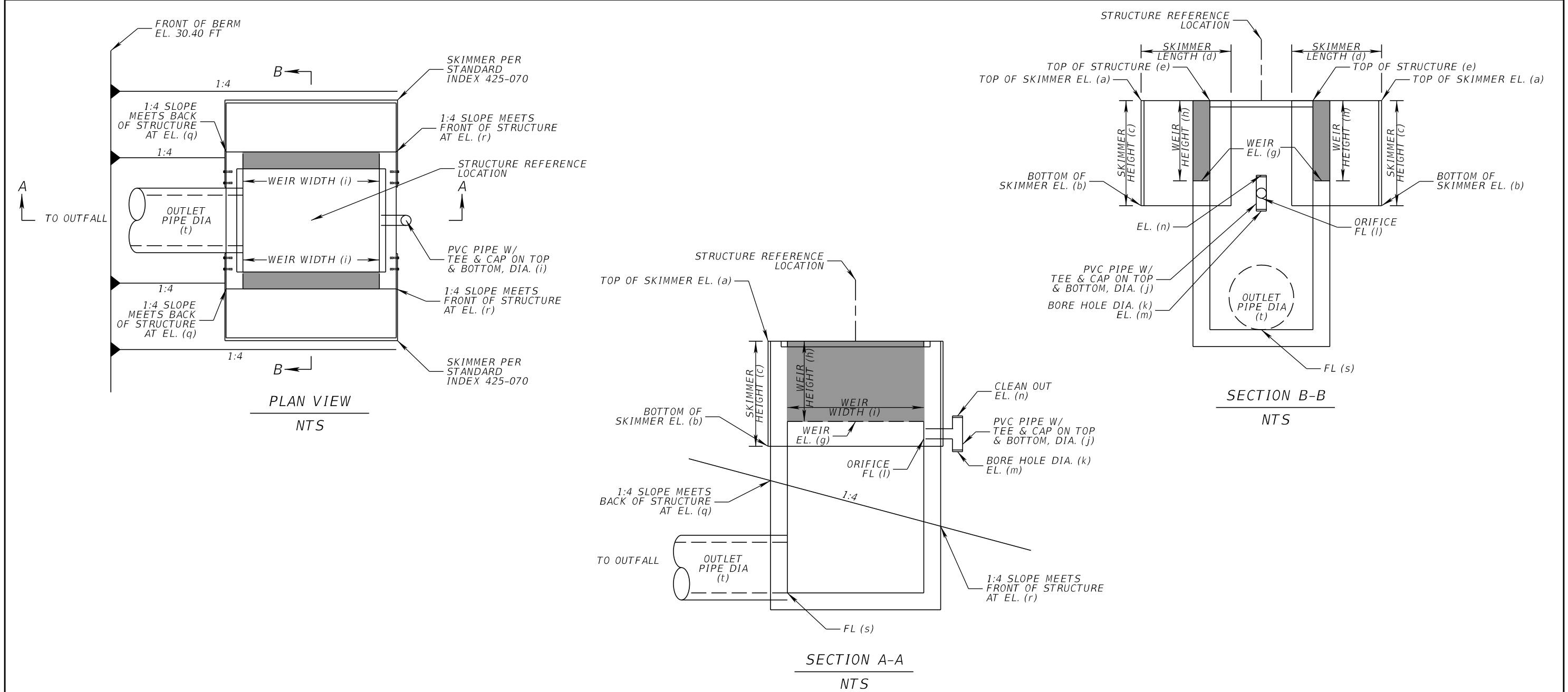
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

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

| SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          |
|------------------------------------------|--------------------|----------|
| ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |
| SLAVIA                                   | PS-2552-19/GCM     | 01785146 |

| POND DETAIL<br>POND 1 |  |
|-----------------------|--|
|                       |  |

| SHEET NO. |
|-----------|
| 52        |



| 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. | C 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.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                    |          | DRAINAGE DETAILS | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                  | 53        |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                  |           |

| 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   |     |  |
| 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  |     |  |

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

| REVISIONS |             |  |      | MARYBETH MORIN, P.E.<br>P.E. LICENSE NUMBER 57547<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE, SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY<br/>TRAFFIC SAFETY CENTER</div> | SEMINOLE COUNTY |  |        | BOX CULVERT DATA TABLES | SHEET NO.      |                    |
|-----------|-------------|--|------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|--------|-------------------------|----------------|--------------------|
| DATE      | DESCRIPTION |  | DATE |                                                                                                                                            |                                                                                                                                           | DESCRIPTION     |  | ROAD   |                         |                | COUNTY PROJECT NO. |
|           |             |  |      |                                                                                                                                            |                                                                                                                                           |                 |  | SLAVIA |                         | PS-2552-19/GCM | 01785146           |
|           |             |  |      |                                                                                                                                            |                                                                                                                                           |                 |  |        |                         | 54             |                    |

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 | 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 |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |  |

| 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 | FT | IN | FR | NO | ANG |   |   |
|                                            |     |        |    |      |     |     |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 6                                          | 801 | 22-    | 3  | 2    | 1   |     |   | 22- | 2  | ¾  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 6                                          | 802 | 22-    | 3  | 2    | 1   |     |   | 22- | 2  | ¾  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 4                                          | 803 | 4-     | 8  | 23   | 27  |     |   | 1-  | 7  | ½  | 0- | 6  | 0- | 2  | 0- | 5  | 1- | 2  | ½  | 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  | ¾  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 5                                          | 808 | 22-    | 3  | 2    | 1   |     |   | 22- | 2  | ¾  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 4                                          | 809 | 4-11   |    | 23   | 7   |     |   | 1-  | 7  | ½  | 0- | 8  | 0- | 6  | 0- | 6  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 10                                         | 0   | 0-     | 0  | 0    | 0   |     |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| 10                                         | 0   | 0-     | 0  | 0    | 0   |     |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |
| END OF LIST                                |     |        |    |      |     |     |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |

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|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|------------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                                          |           |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     | 01785146 |                                          | 56        |

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| 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 | 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   |                      |   |           |    |    |          |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |

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|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|----------|------------------------------------------|--|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                                                                                  | COUNTY PROJECT NO. | CIP NO.  |                                          |  | 57        |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                | PS-2552-19/GCM     | 01785146 |                                          |  |           |
|           |             |      |             |                                                                                                                                            |                                                                                                       |                    |          |                                          |  |           |

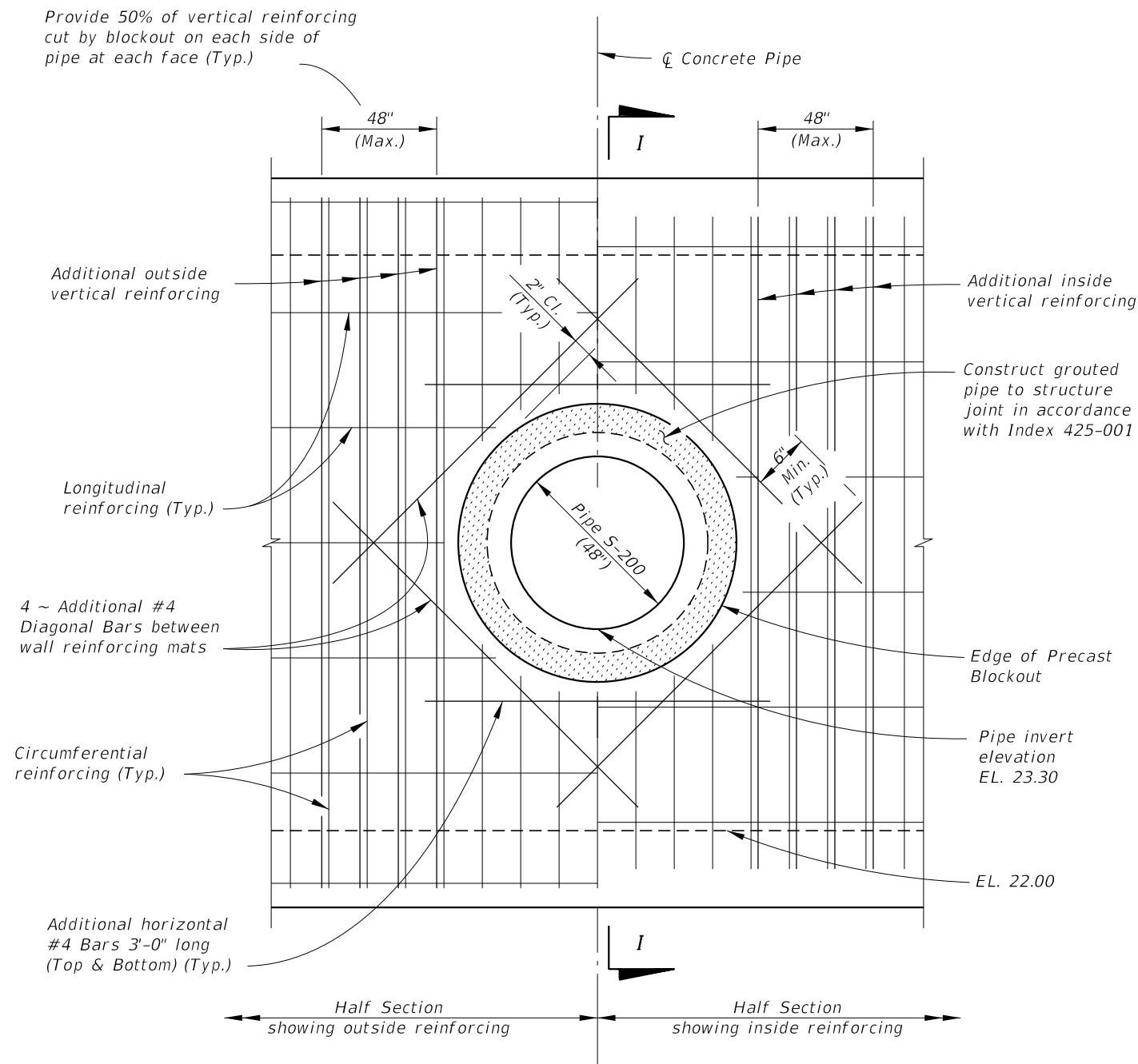
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



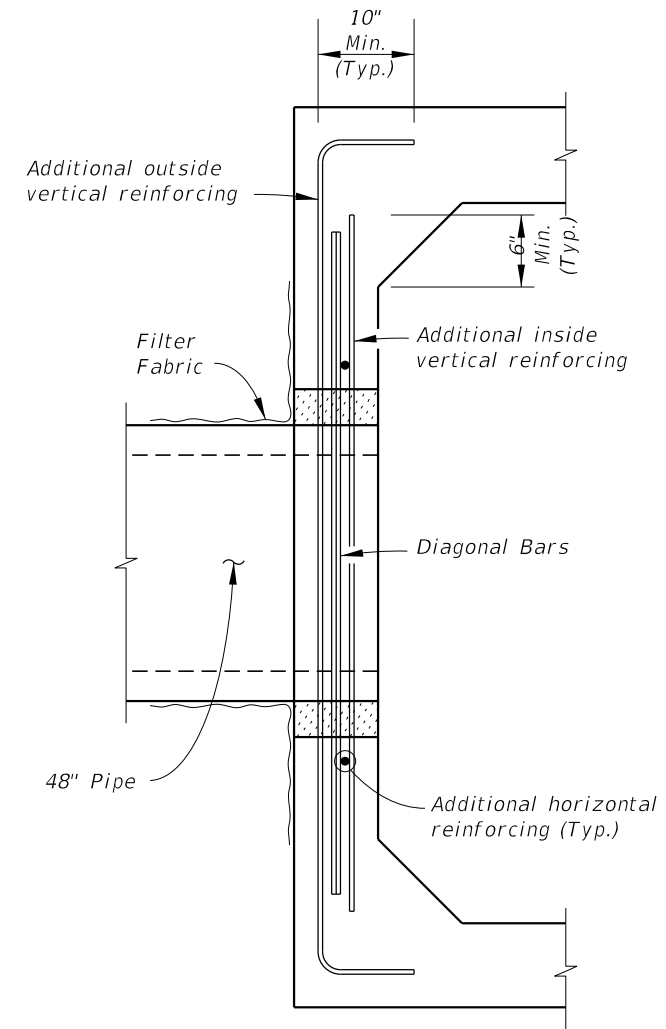
| MARK     |     | LENGTH |    | NO                | TYP | STY | B |     |    | C   |                  |    | D  |    |    | E  |    |    | F   |    |    | H  |    |    | J  |    |    | K  |    |    | N  | Ø  |     |
|----------|-----|--------|----|-------------------|-----|-----|---|-----|----|-----|------------------|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| SIZE     | DES | FT     | IN | BARS              | BAR | A   | G | FT  | IN | FR  | FT               | IN | FR | FT | IN | FR | FT | IN | FR  | FT | IN | FR | 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

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|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|--------------------------------------|--|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                 |                    |          |                                      |  |           |
|           |             |      |             |                                                                                                                                            | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                                      |  |           |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                                      |  | 58        |



**ELEVATION VIEW**  
**PIPE S-200 BLOCKOUT DETAILS**

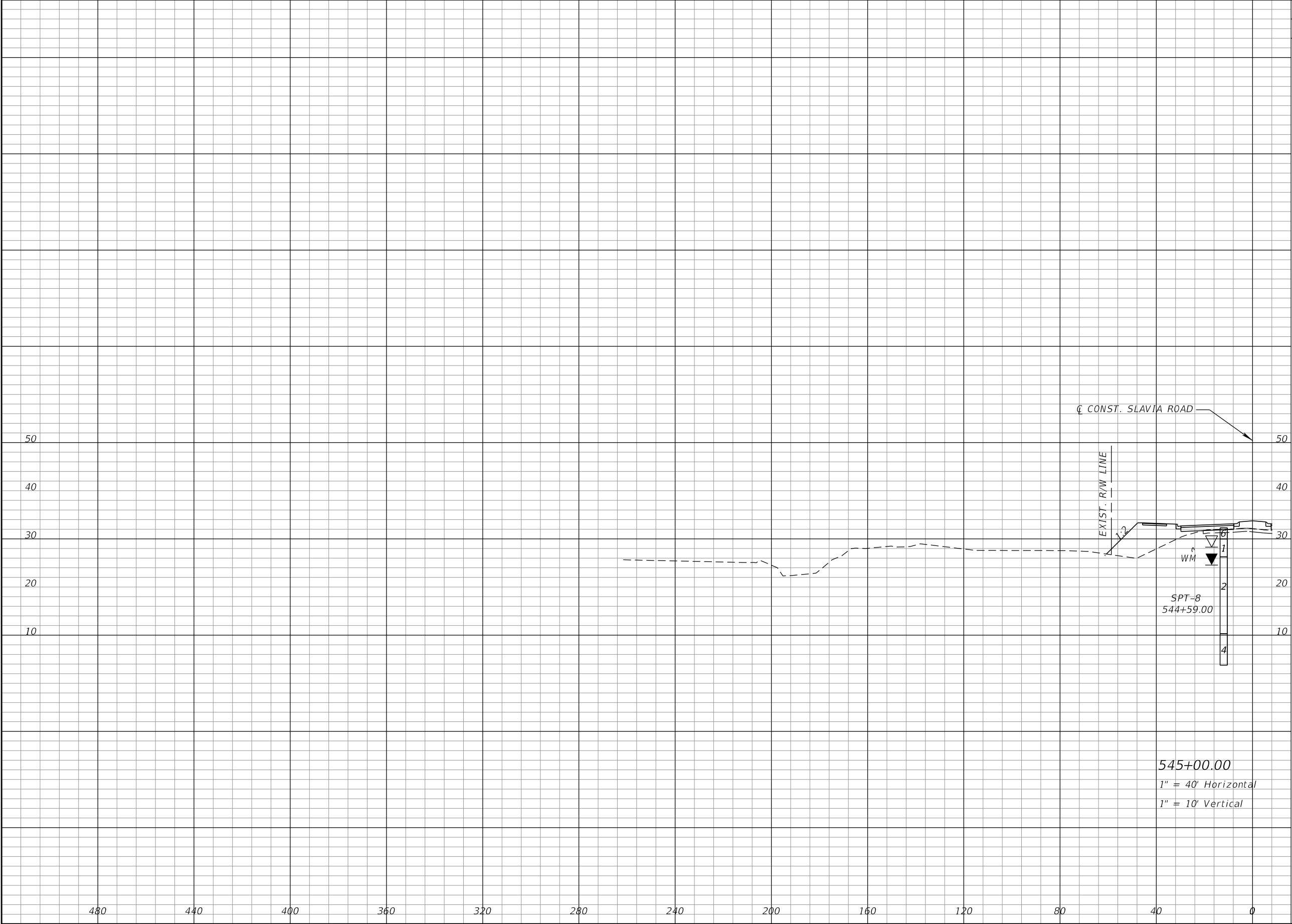


**SECTION I-I**  
**(Showing additional blockout reinforcing only)**

- 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 |             |      |             | <div>  <b>SEMINOLE COUNTY</b><br/> <small>FLORIDA'S NATURAL COUNTRY</small> </div> | <div> <b>CONCRETE BOX CULVERT</b><br/> <b>SUPPLEMENTAL DETAILS</b> </div> |          | <div> <b>SHEET NO.</b><br/> <br/> <b>59</b> </div> |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------|----------------------------------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                                                         |                                                                           |          |                                                    |
|           |             |      |             | ROAD                                                                                                                                                                    | COUNTY PROJECT NO.                                                        | CIP NO.  |                                                    |
|           |             |      |             | SLAVIA                                                                                                                                                                  | PS-2552-19/GCM                                                            | 01785146 |                                                    |

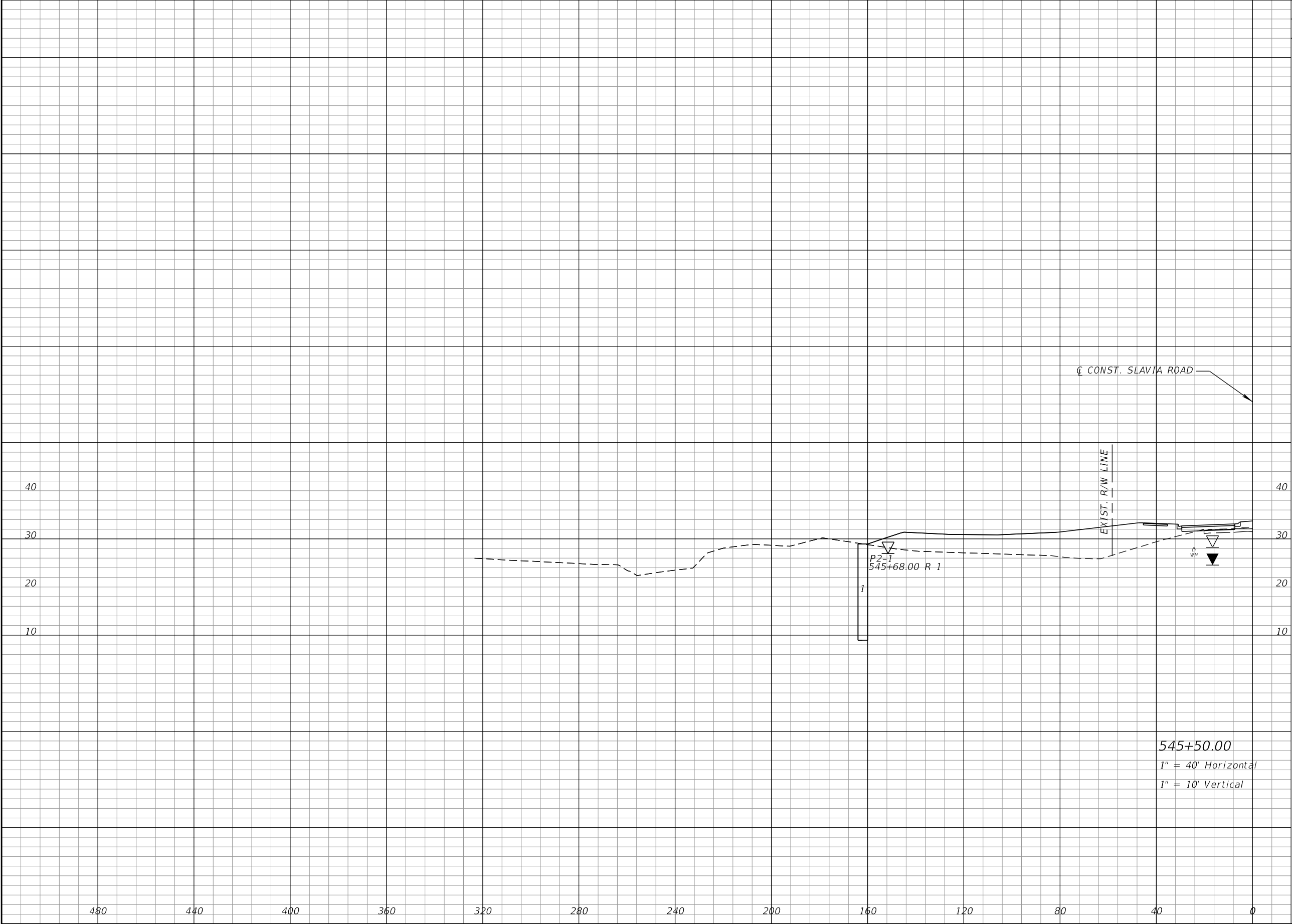




| Regular |  | Exc. | Embankment |   |
|---------|--|------|------------|---|
| A       |  | V    | A          | V |
| 0       |  | 0    | 0          | 0 |

| REVISIONS |  |  |  | <div>SEAN CARRIGAIN, P.E.<br/>P.E. LICENSE NUMBER 73041<br/>DEWBERRY ENGINEERS INC.<br/>800 NORTH MAGNOLIA AVENUE SUITE 1000<br/>ORLANDO, FL 32803</div> <div><div><div>SEMINOLE COUNTY</div><div>COUNTY PROJECT NO. PS-2552-19/GCM</div></div><div><div>CIP NO. 01785146</div></div></div> |
|-----------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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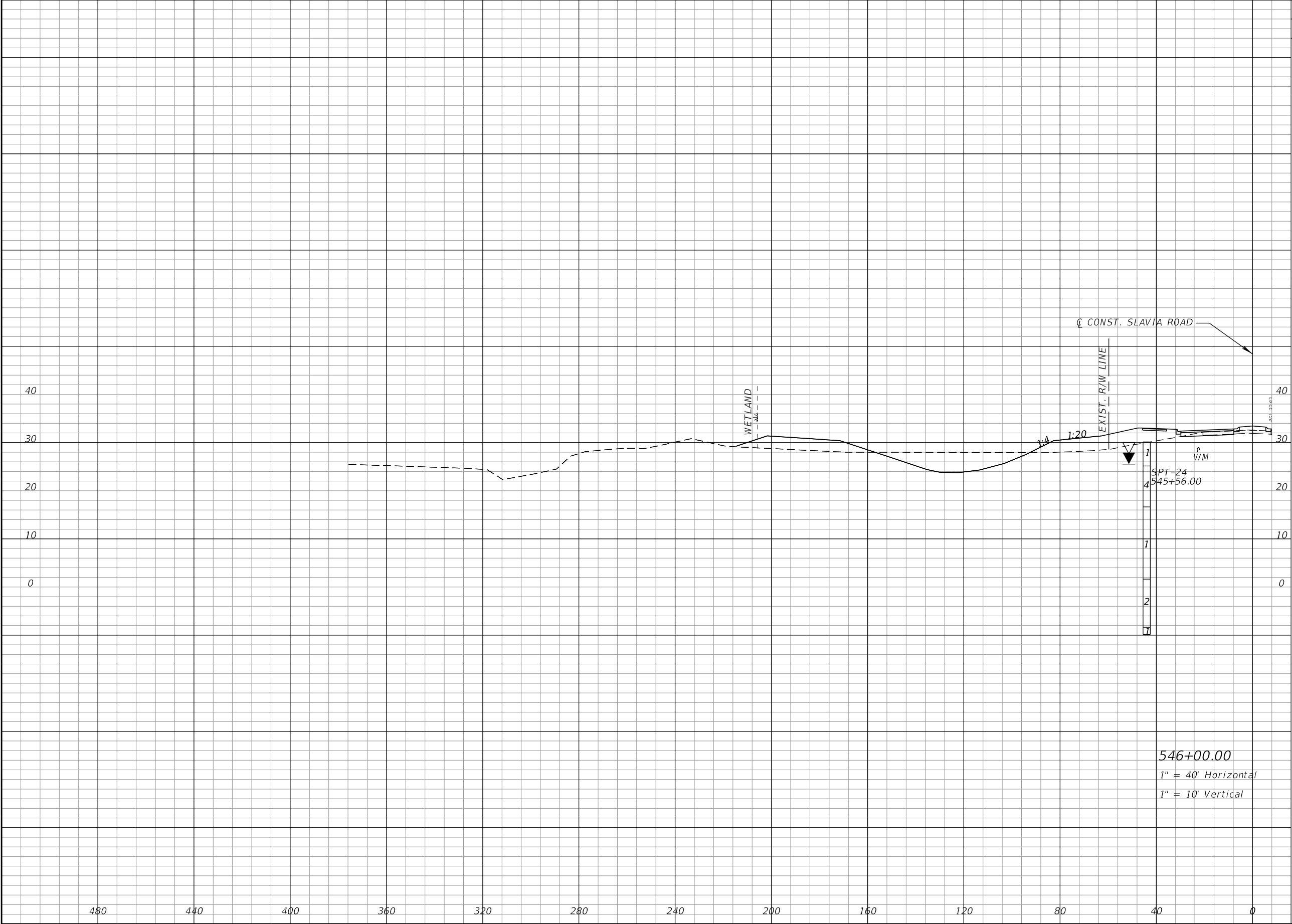


| Regular |  | Exc. | Embankment |   |
|---------|--|------|------------|---|
| A       |  | V    | A          | V |
| 0       |  | 0    | 291        | 0 |

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

| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | POND CROSS SECTIONS<br>POND 1 |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                               |  |              |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                               |  | 61           |

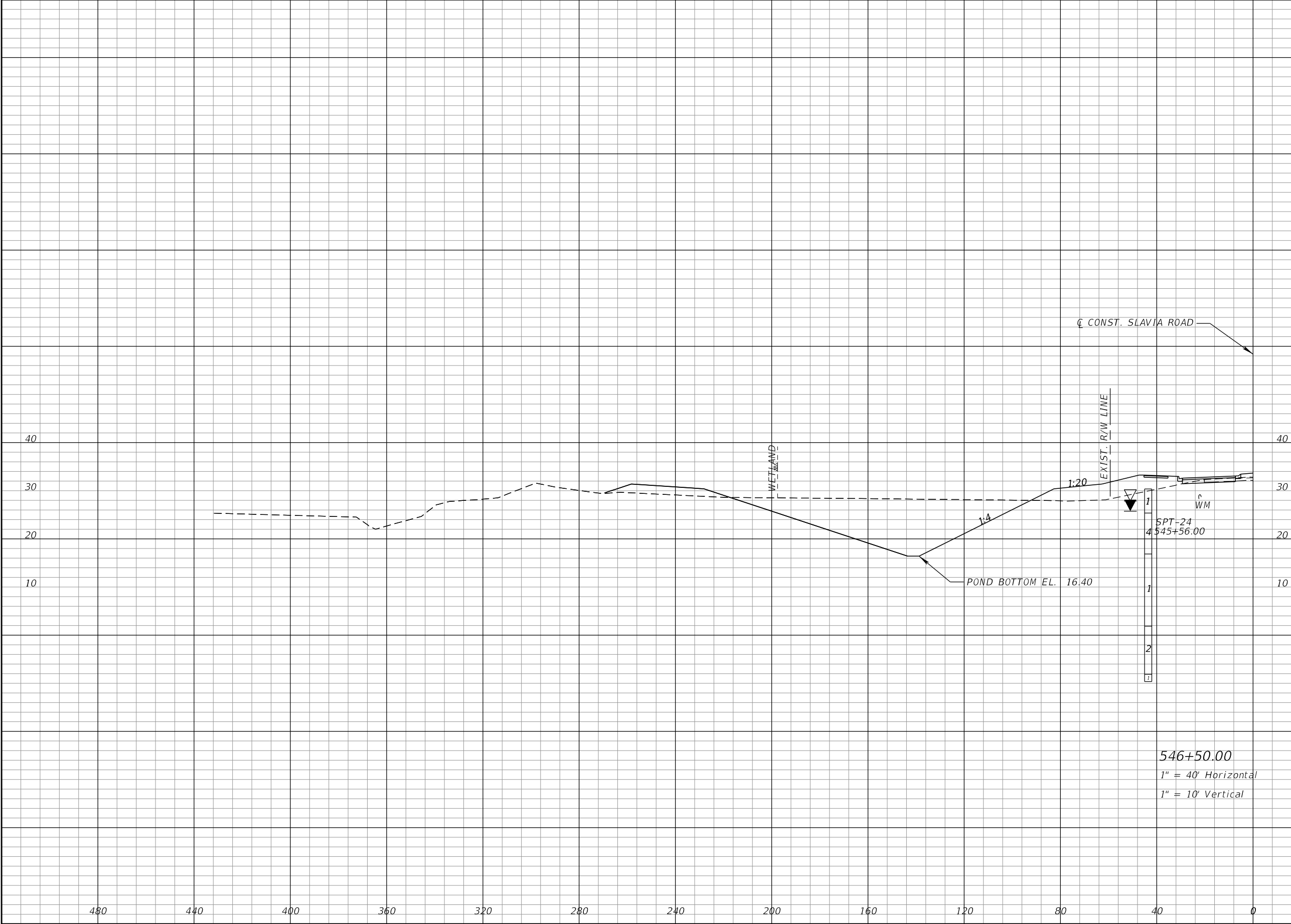
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| Regular | Exc. | Embankment |     |
|---------|------|------------|-----|
|         |      | A          | V   |
| 168     | 156  | 177        | 433 |

| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | POND CROSS SECTIONS<br>POND 1 |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                               |  |              |
|           |             |      |             |                                                                                                                                           | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                               |  | 62           |

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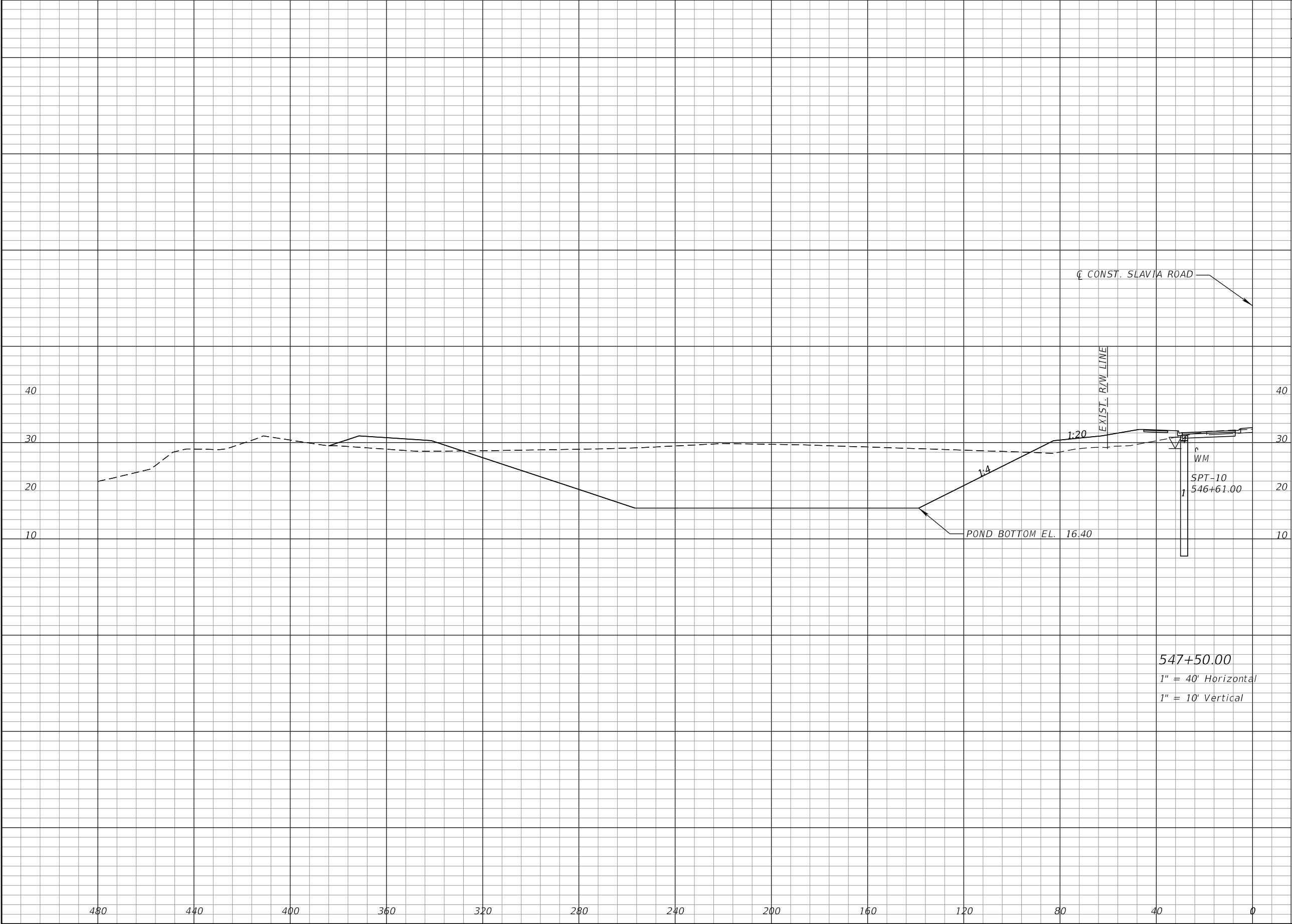


| Regular |  | Exc. | Embankment |     |
|---------|--|------|------------|-----|
| A       |  | V    | A          | V   |
| 770     |  | 869  | 141        | 294 |

| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><div><br/>SEMINOLE COUNTY<br/><small>FLORIDA'S SAFARI COUNTY</small></div><div>SEMINOLE COUNTY</div></div><div>ROAD</div><div>COUNTY PROJECT NO.</div><div>CIP NO.</div></div> <div>SLAVIA</div> <div>PS-2552-19/GCM</div> <div>01785146</div> | <div><div>POND CROSS SECTIONS</div><div>POND 1</div></div> | SHEET NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                               |                                                            |           |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                               |                                                            |           |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                               |                                                            | 63        |

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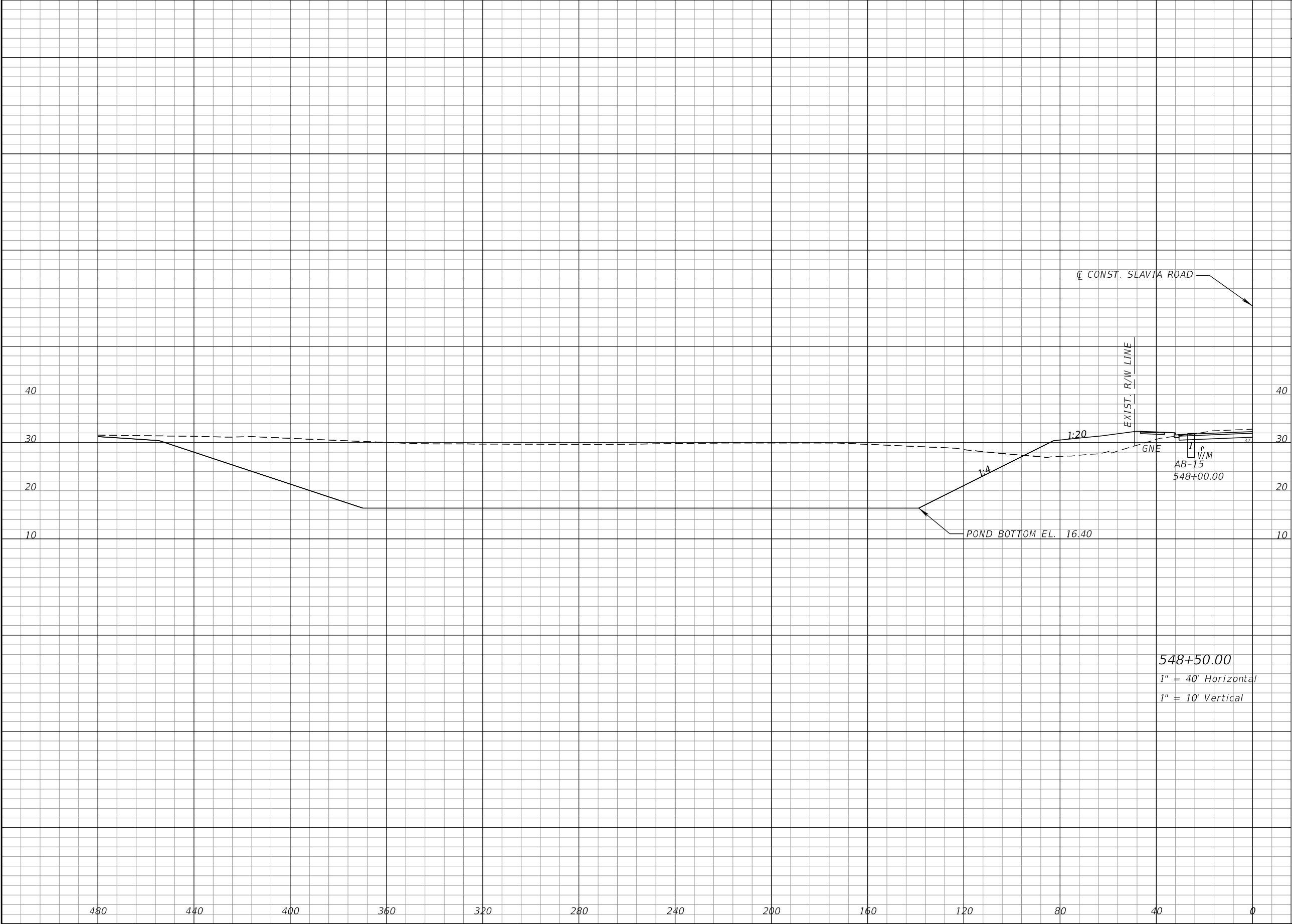
| Regular |  | Exc. | Embankment |     |
|---------|--|------|------------|-----|
| A       |  | V    | A          | V   |
| 2257    |  | 3487 | 159        | 306 |

| REVISIONS |             |      |             | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER                                                                                                  |  |  | POND CROSS SECTIONS<br>POND 1                                     |  | SHEET NO.<br>65 |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------|--|-----------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           |  |  |                                                                   |  |                 |
|           |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  |  | ROAD COUNTY PROJECT NO. CIP NO.<br>SLAVIA PS-2552-19/GCM 01785146 |  |                 |

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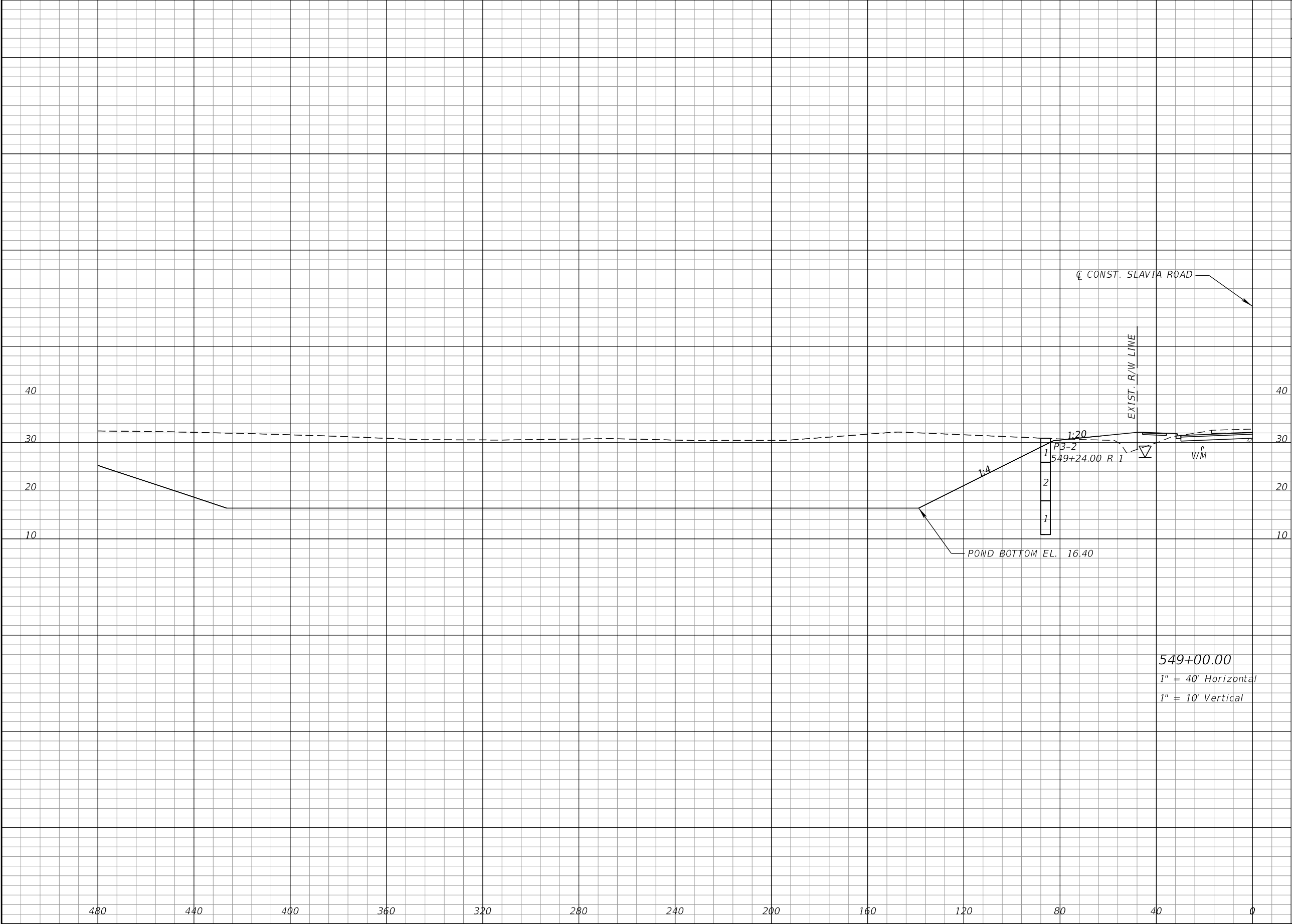


| Regular |  | Exc. | Embankment |     |
|---------|--|------|------------|-----|
| A       |  | V    | A          | V   |
| 4030    |  | 6469 | 92         | 206 |

| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><div>SEMINOLE COUNTY</div><div>ROAD</div><div>SLAVIA</div></div><div><div>SEMINOLE COUNTY</div><div>COUNTY PROJECT NO.</div><div>PS-2552-19/GCM</div></div><div><div>CIP NO.</div><div>01785146</div></div></div> | POND CROSS SECTIONS<br><br>POND 1 | SHEET NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                  |                                   |           |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                  |                                   | 67        |

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



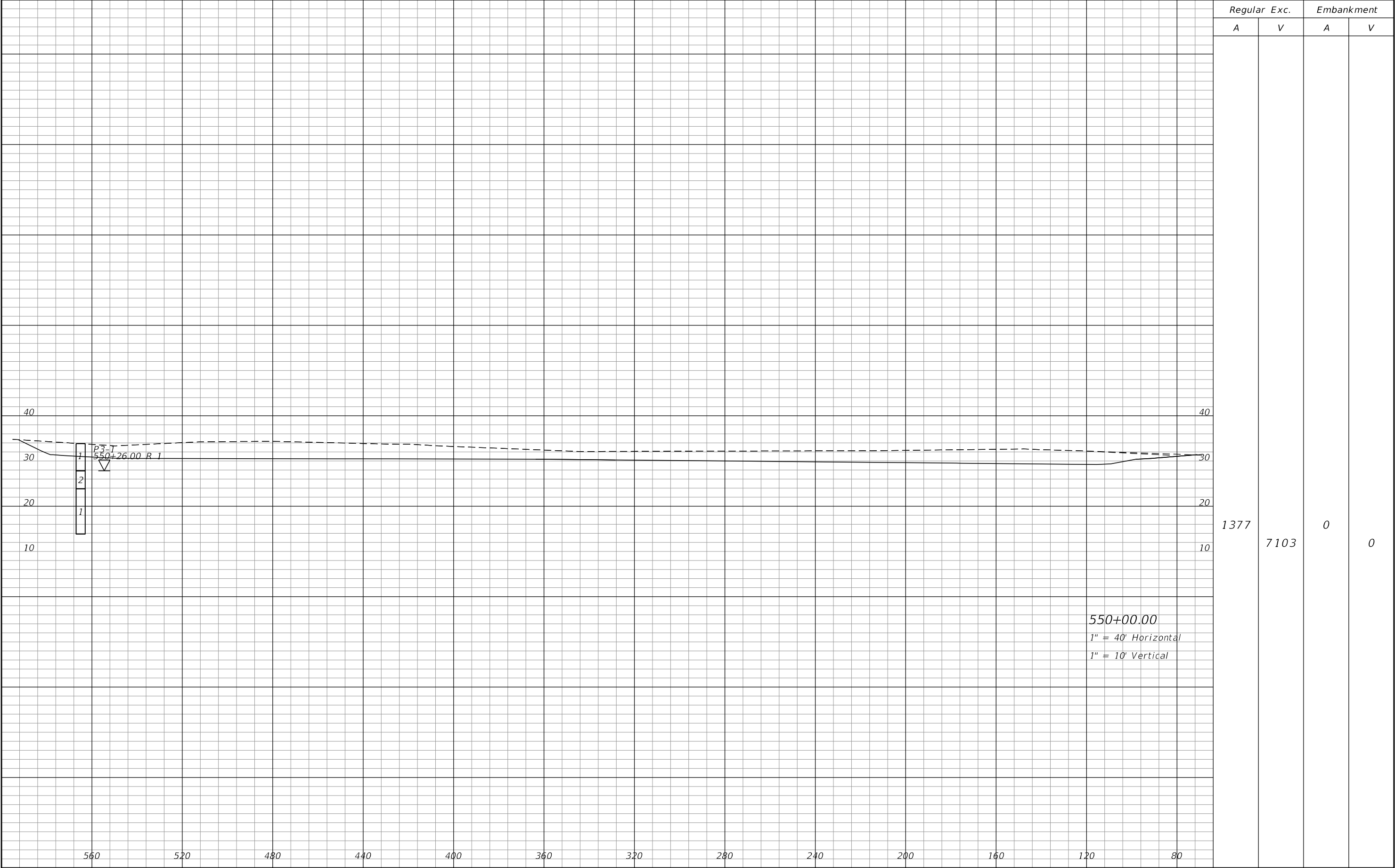


| Regular |  | Exc. | Embankment |    |
|---------|--|------|------------|----|
| A       |  | V    | A          | V  |
| 5482    |  | 8807 | 6          | 91 |

| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><br/>SEMINOLE COUNTY<br/><small>FLORIDA'S SAFEST COUNTY</small></div> <div><div>ROAD</div><div>COUNTY PROJECT NO.</div><div>CIP NO.</div></div> | POND CROSS SECTIONS<br><br>POND 1 | SHEET NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           |                                                                                                                                                                                                                                           |                                   | 68        |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                                                           |                                   |           |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                                                           |                                   |           |

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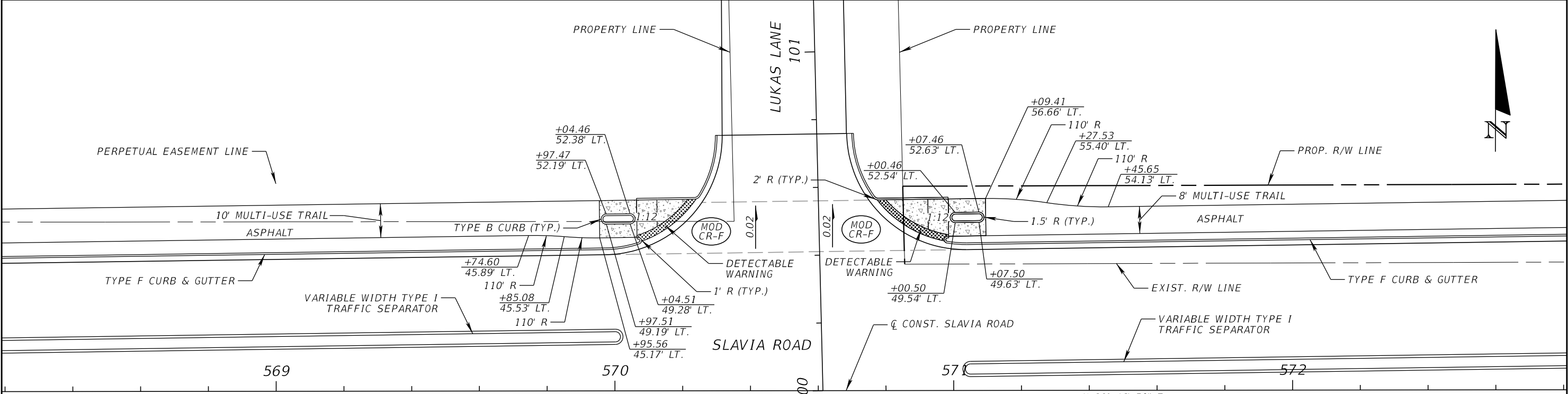




| REVISIONS |             |      |             | SEAN CARRIGAIN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> | POND CROSS SECTIONS<br>POND 1 |  | SHEET NO. |
|-----------|-------------|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                           |                                                                                                                                                                                                           |                               |  |           |
|           |             |      |             |                                                                                                                                           |                                                                                                                                                                                                           |                               |  | 70        |

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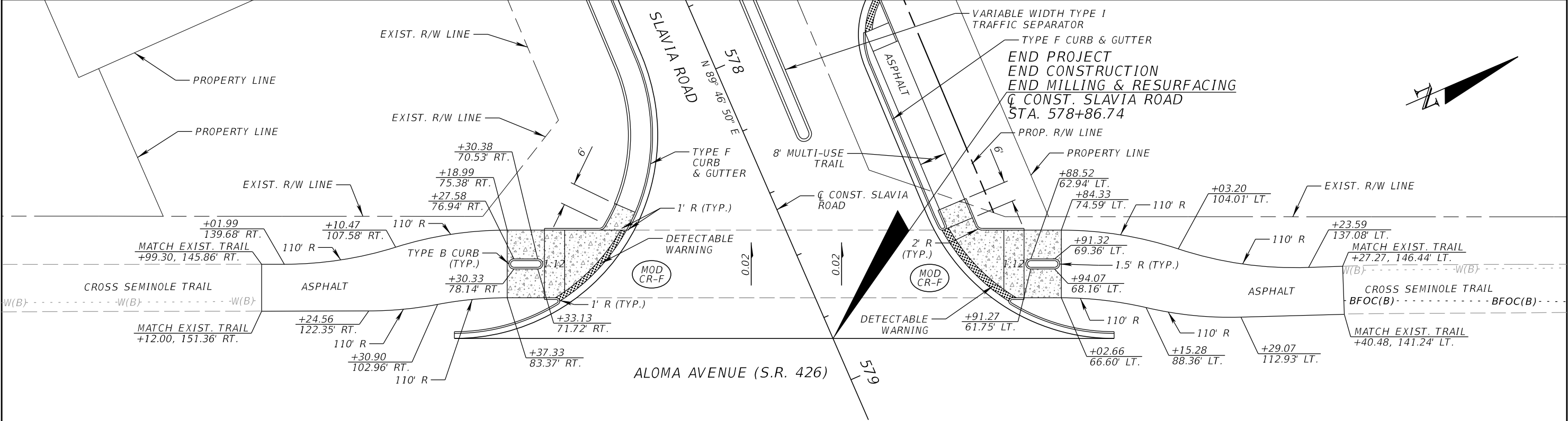


CURB RAMP DETAIL  
LUKAS LANE

SCALE: 1"=30'

LEGEND

6" CONC. SIDEWALK



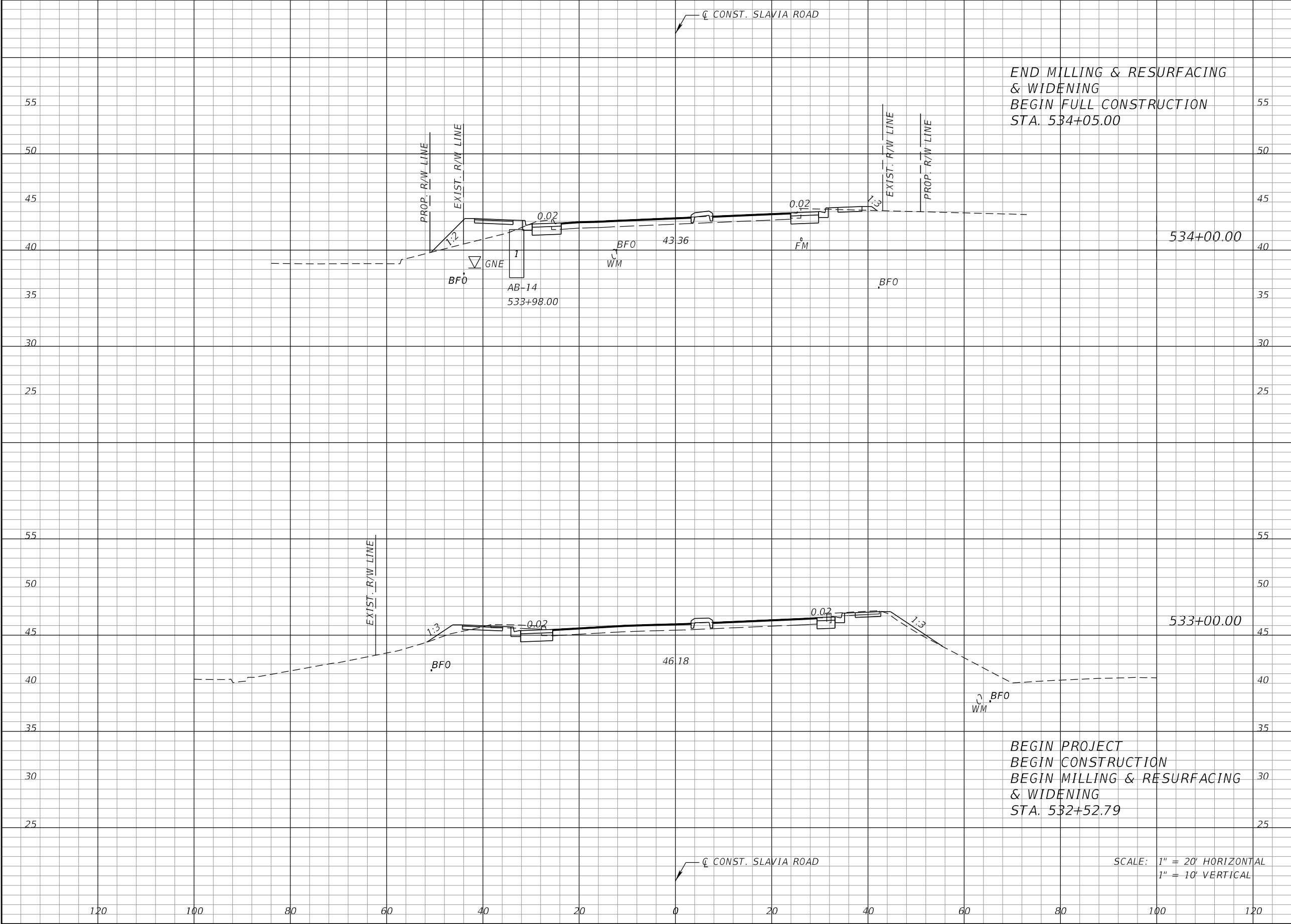
CURB RAMP DETAIL  
ALOMA AVENUE

SCALE: 1"=30'

LEGEND

6" CONC. SIDEWALK

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY GROUP |                     | SPECIAL DETAILS<br>TRAIL CURB RAMPS | SHEET<br>NO.<br><br>72 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|-------------------------------------|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                    | COUNTY PROJECT NO.  |                                     |                        |
|           |             |      |             |                                                                                                                                          | SLAVIA                                  | PS-2552-19/GCM      |                                     |                        |
|           |             |      |             |                                                                                                                                          |                                         | CIP NO.<br>01785146 |                                     |                        |



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

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  
ROAD

SEMINOLE COUNTY  
COUNTY PROJECT NO.  
PS-2552-19/GCM

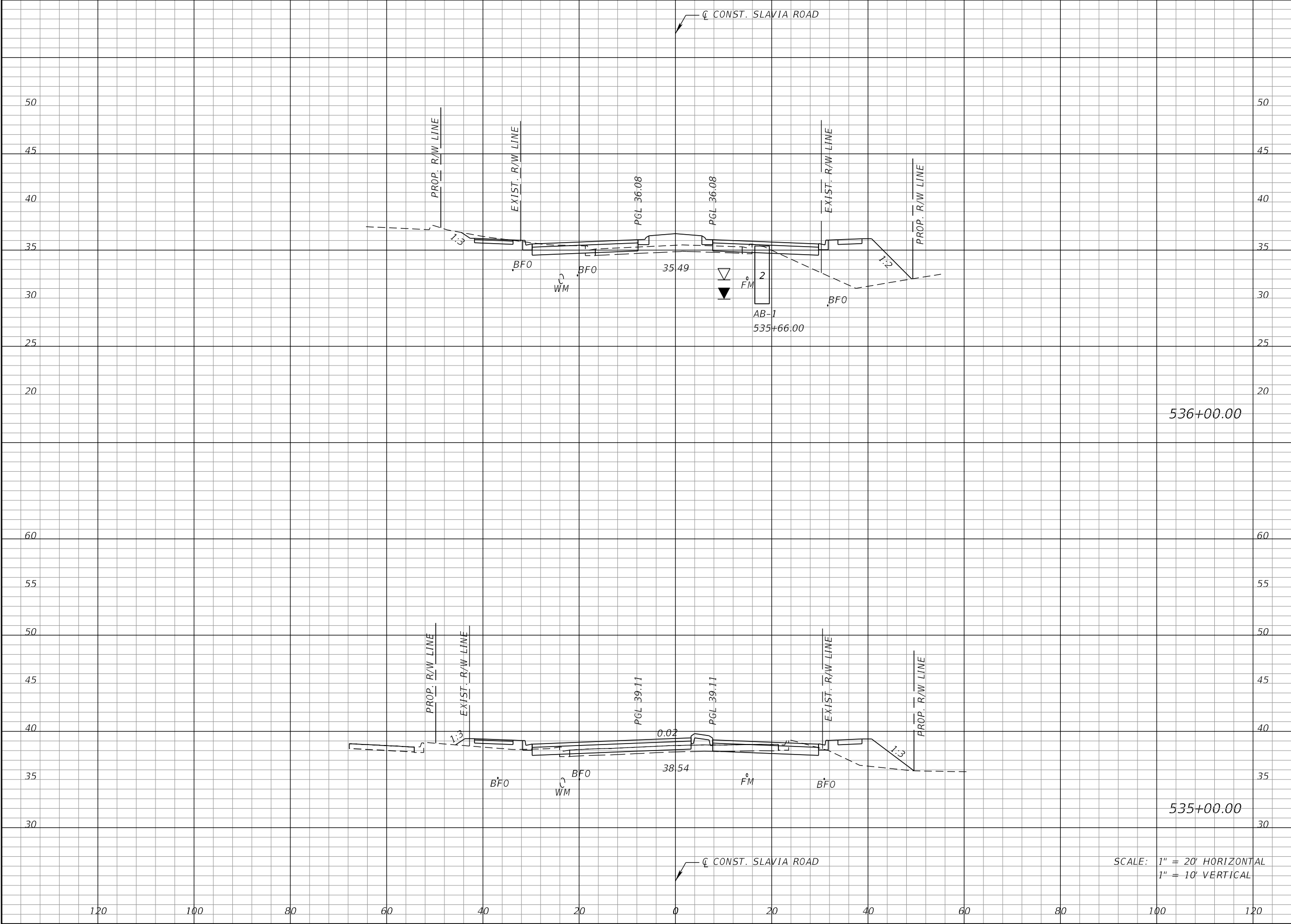
CIP NO.  
01785146

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
73

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

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

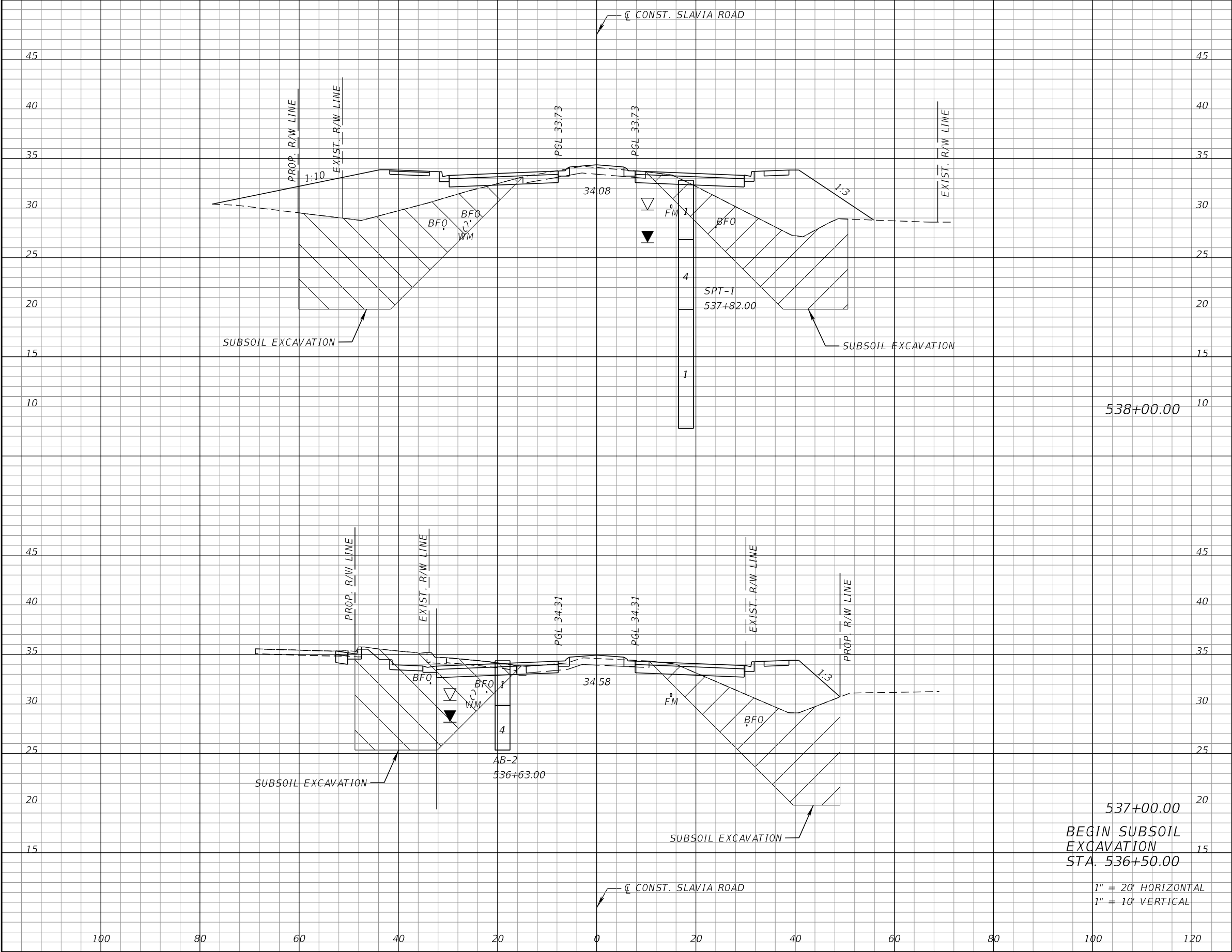
JOSEPH KEEZEL, P.E.  
P.E. LICENSE NUMBER 57501  
DEWBERRY ENGINEERS INC.  
800 NORTH MAGNOLIA AVENUE SUITE 1000  
ORLANDO, FL 32803

| SEMINOLE COUNTY<br>FLORIDA<br>TRAFFIC SAFETY CENTER |                    |          |
|-----------------------------------------------------|--------------------|----------|
| ROAD                                                | COUNTY PROJECT NO. | CIP NO.  |
| SLAVIA                                              | PS-2552-19/GCM     | 01785146 |

| CROSS SECTIONS<br>SLAVIA ROAD |  |
|-------------------------------|--|
| 74                            |  |

| SHEET NO. |
|-----------|
| 74        |

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

| 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

SEMINOLE COUNTY  
FLORIDA

SEMINOLE COUNTY

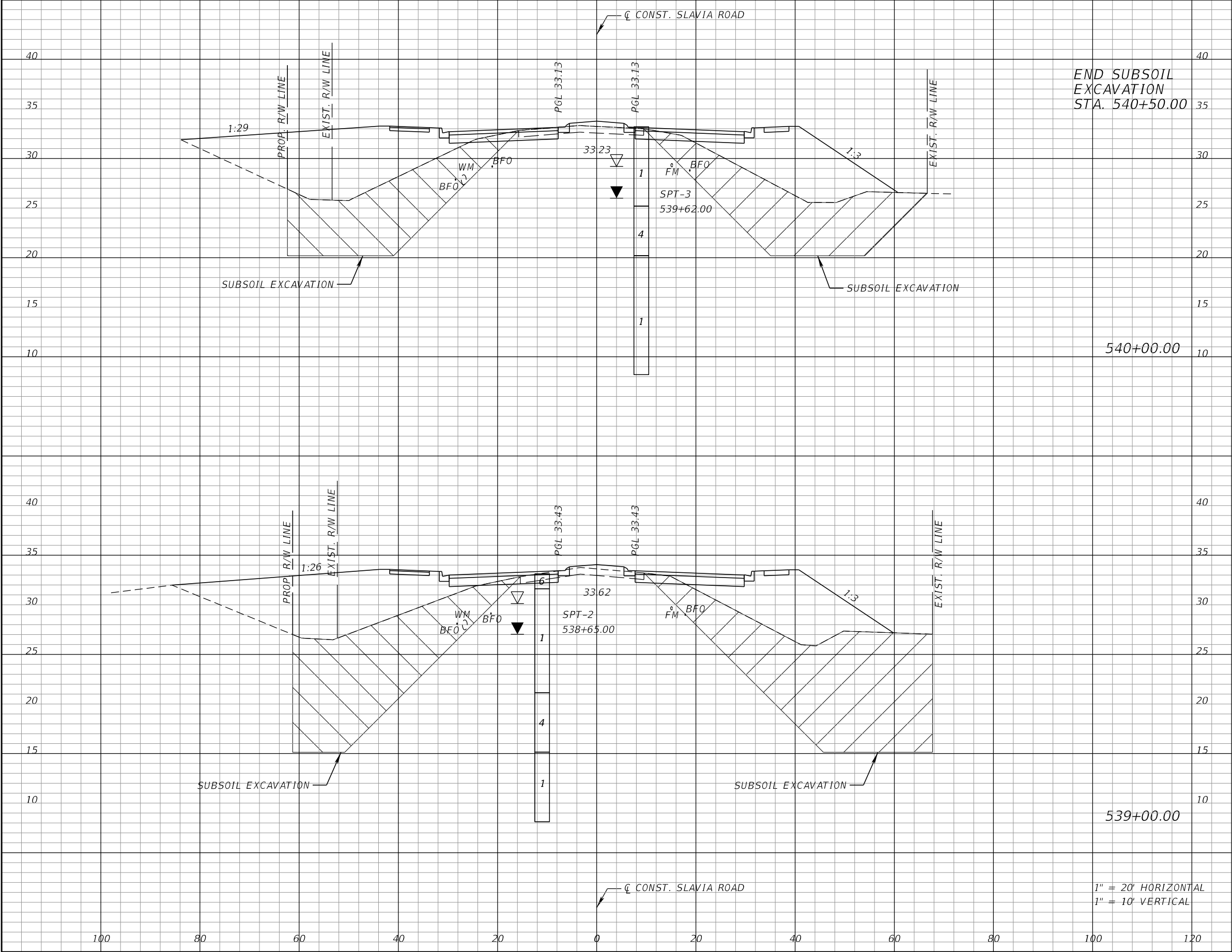
| ROAD   | COUNTY PROJECT NO. | CIP NO.  |
|--------|--------------------|----------|
| SLAVIA | PS-2552-19/GCM     | 01785146 |

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
75

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| 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 |
|           |             |      |             |

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

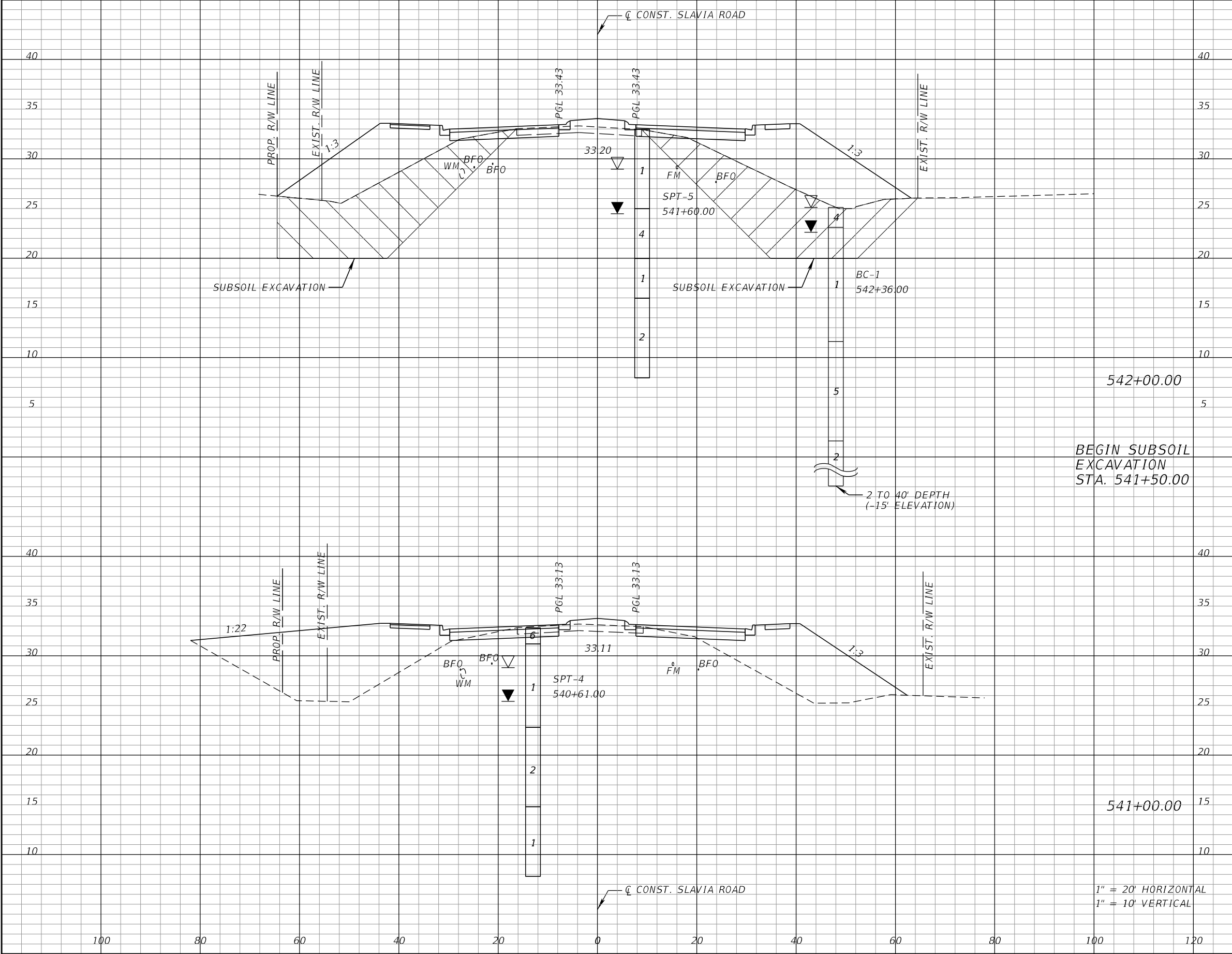
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
76

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

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.

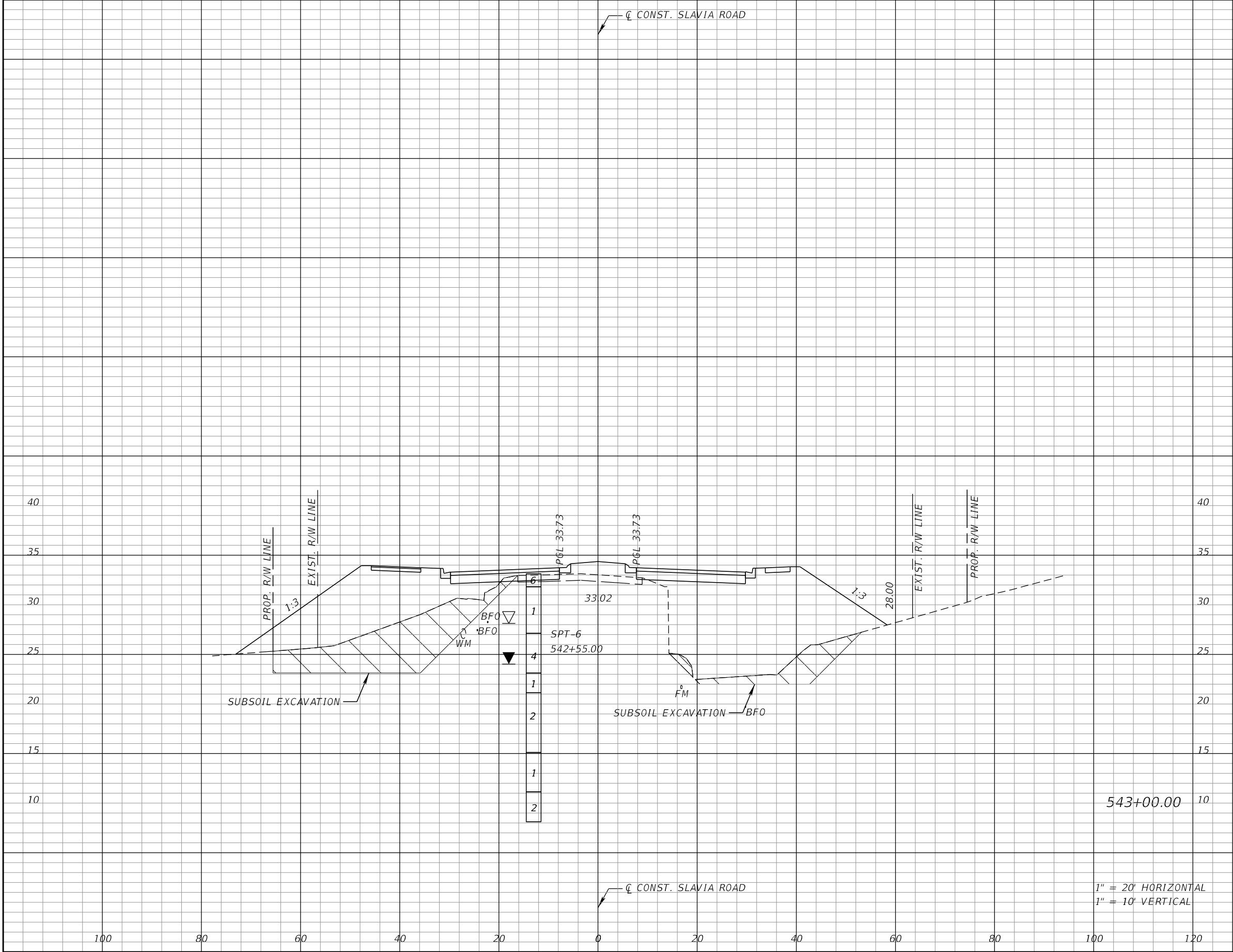
77

acook

2/22/2023 9:17:19 AM Rdxsrd\_shg

Q:\50140689\_Slavia\_Rd\_Phase\_II\CAD\Roadway\RDxSRD01.dgn

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

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

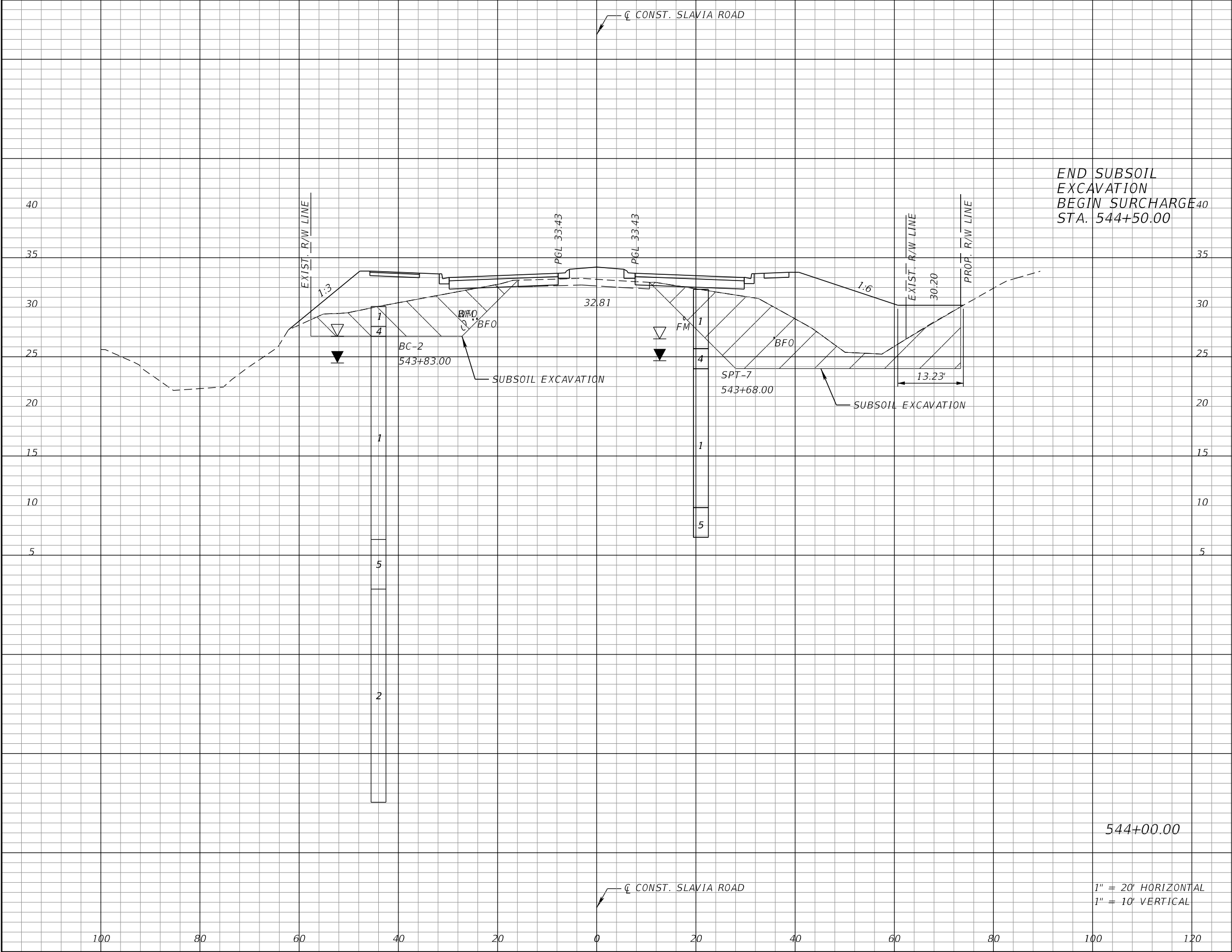
SHEET NO.  
78

acook

2/22/2023 9:17:23 AM Rdxsrd\_shg

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| 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

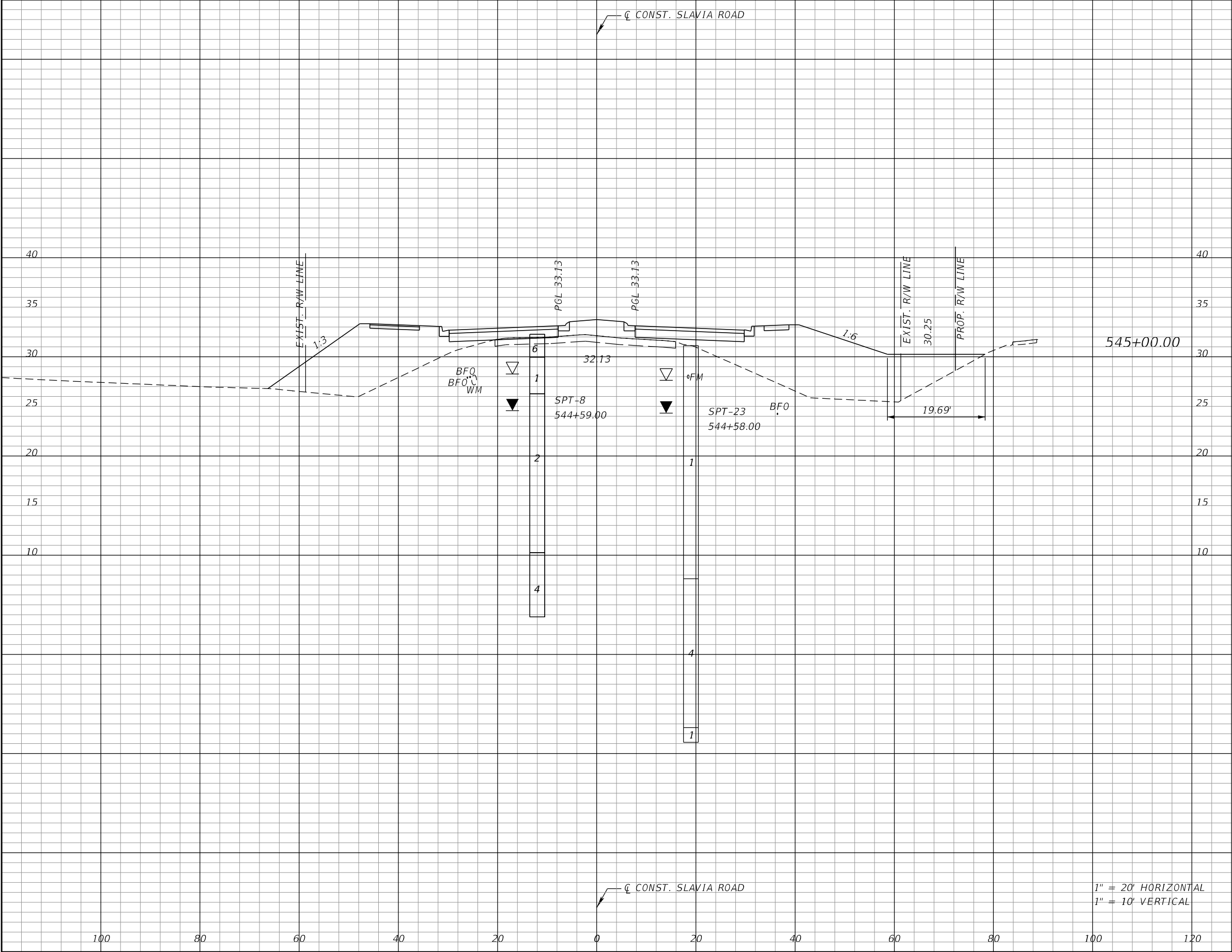
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
79

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

| 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

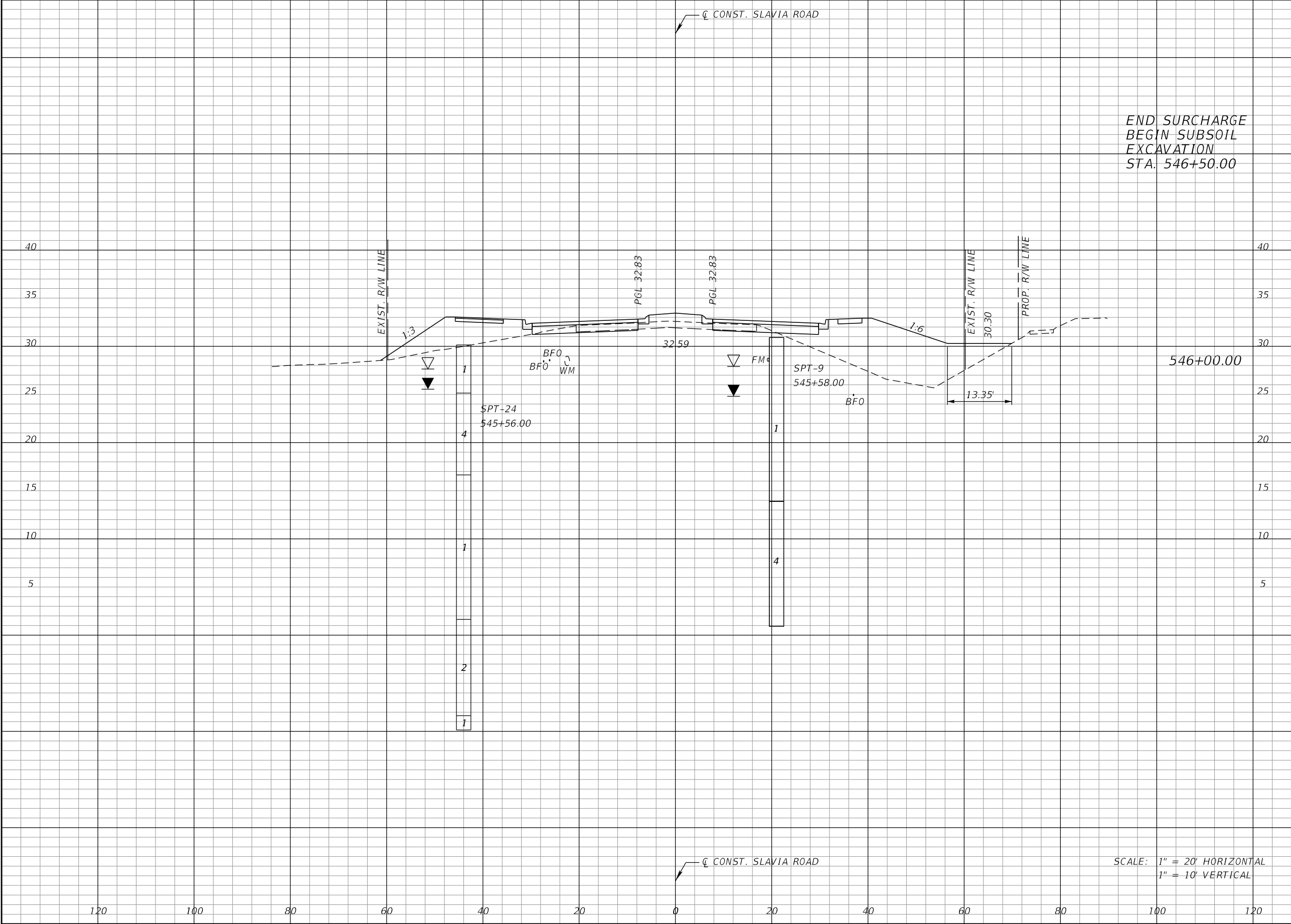
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
80

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| Regular |  | Exc. | Embankment |     |
|---------|--|------|------------|-----|
| 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

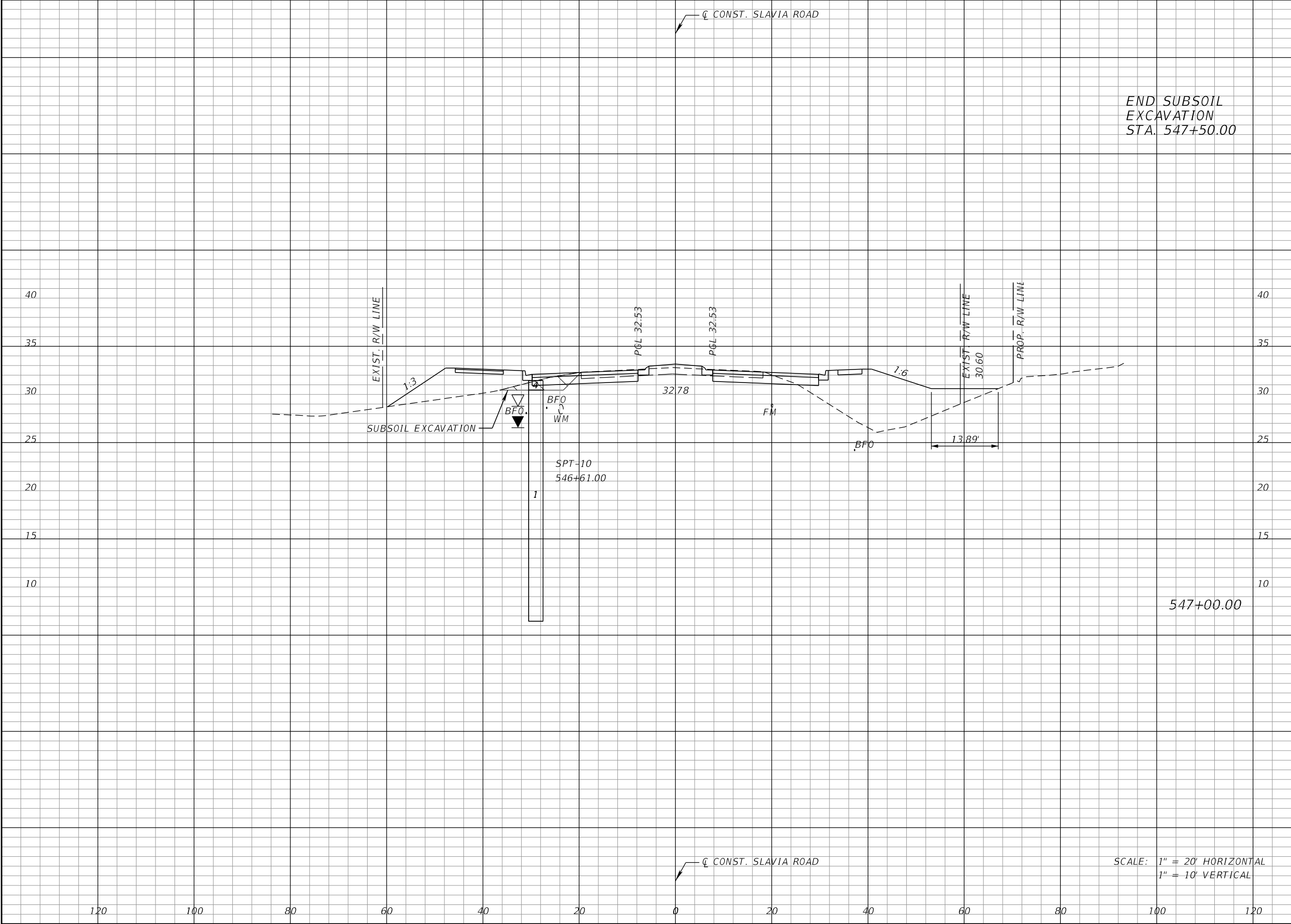
| ROAD   | COUNTY PROJECT NO. | CIP NO.  |
|--------|--------------------|----------|
| SLAVIA | PS-2552-19/GCM     | 01785146 |

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.





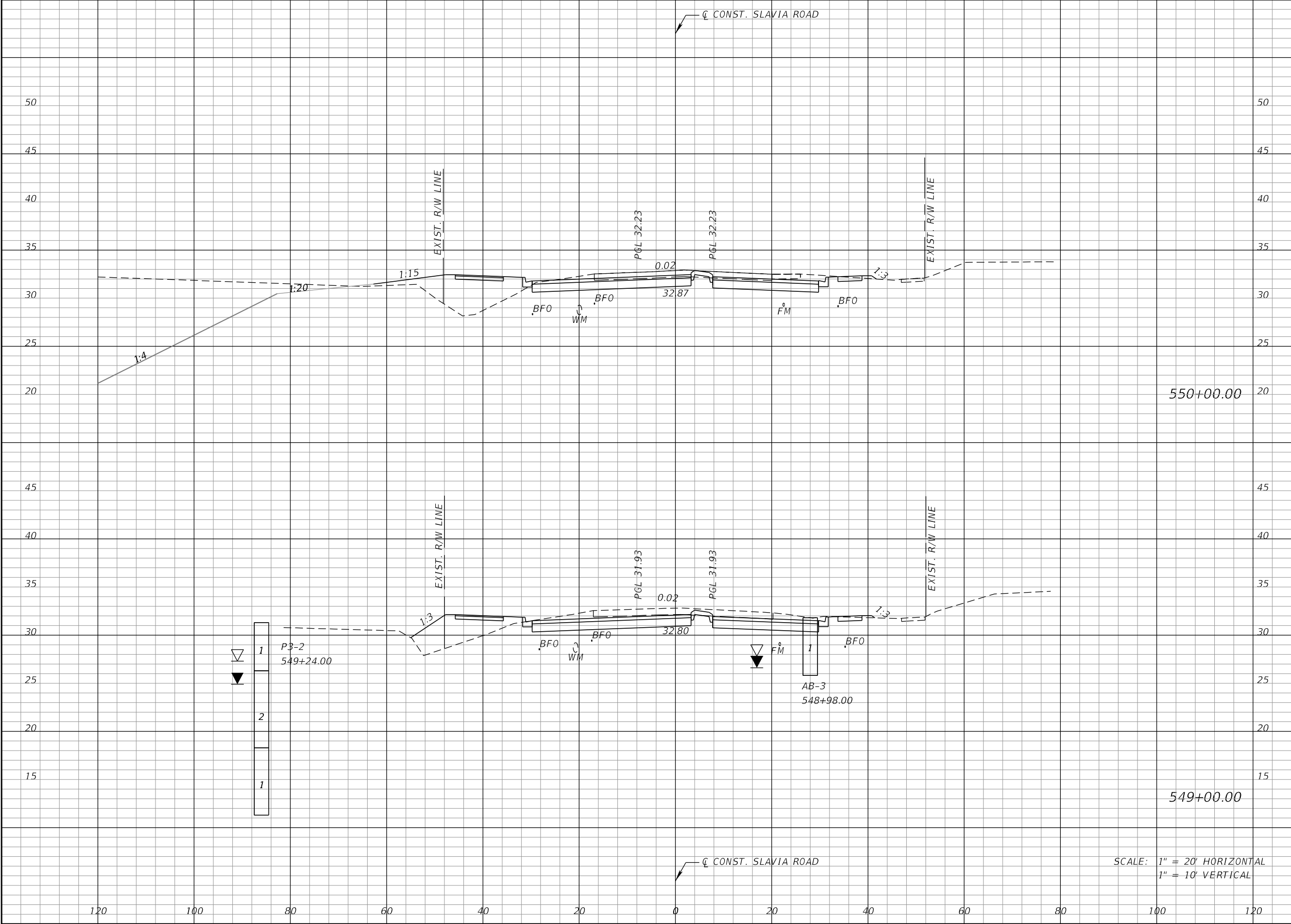
| Regular |     | Exc. | Embankment |  |
|---------|-----|------|------------|--|
| A       | V   | A    | V          |  |
| 73      | 200 | 142  | 550        |  |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                               |  |              |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                               |  | 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   |
| 95      |  | 372  | 54         | 185 |
|         |  |      |            |     |
| 106     |  | 374  | 46         | 172 |
|         |  |      |            |     |

| 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

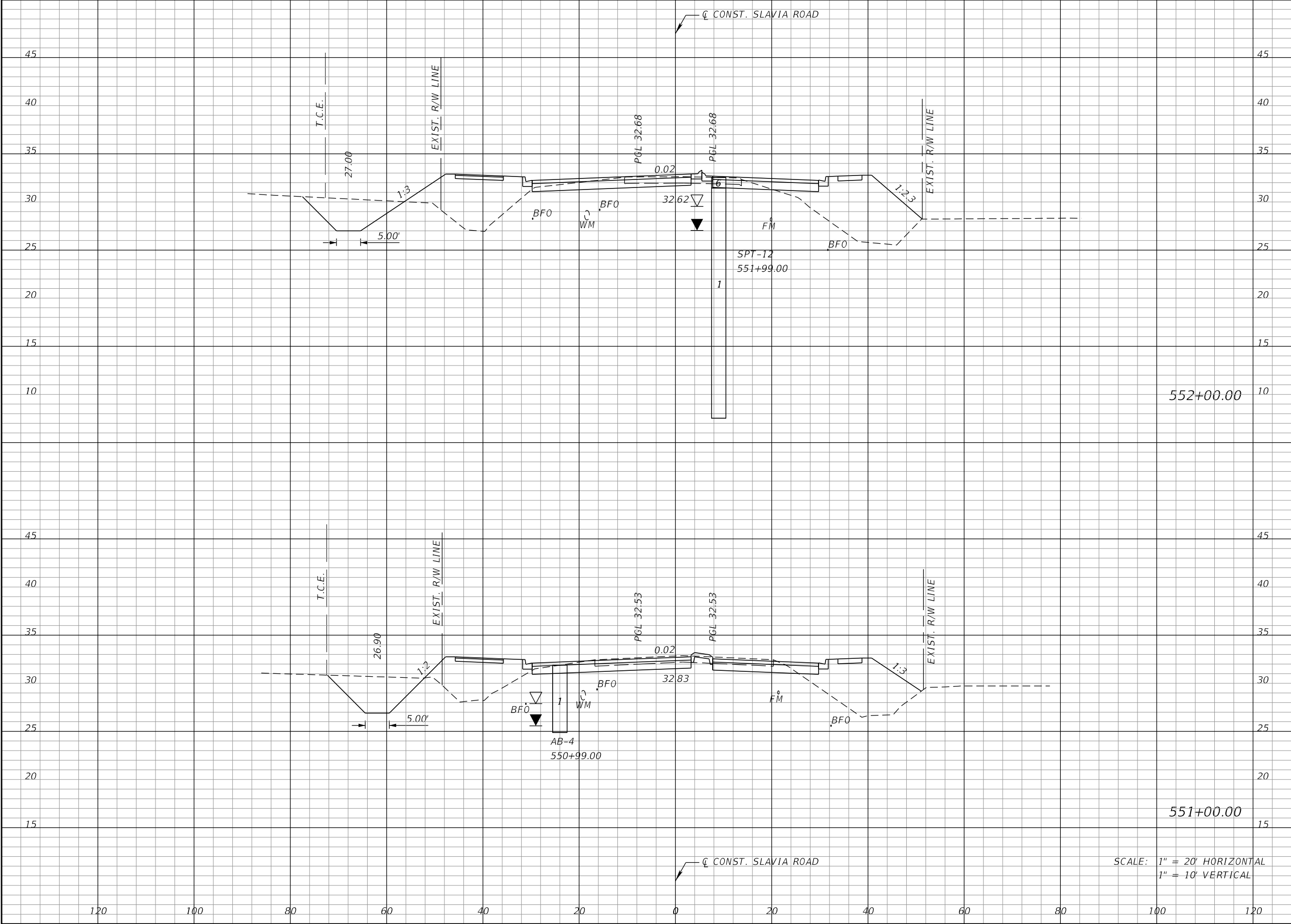
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
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          |  |
| 75      | 337 | 189  | 622        |  |

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

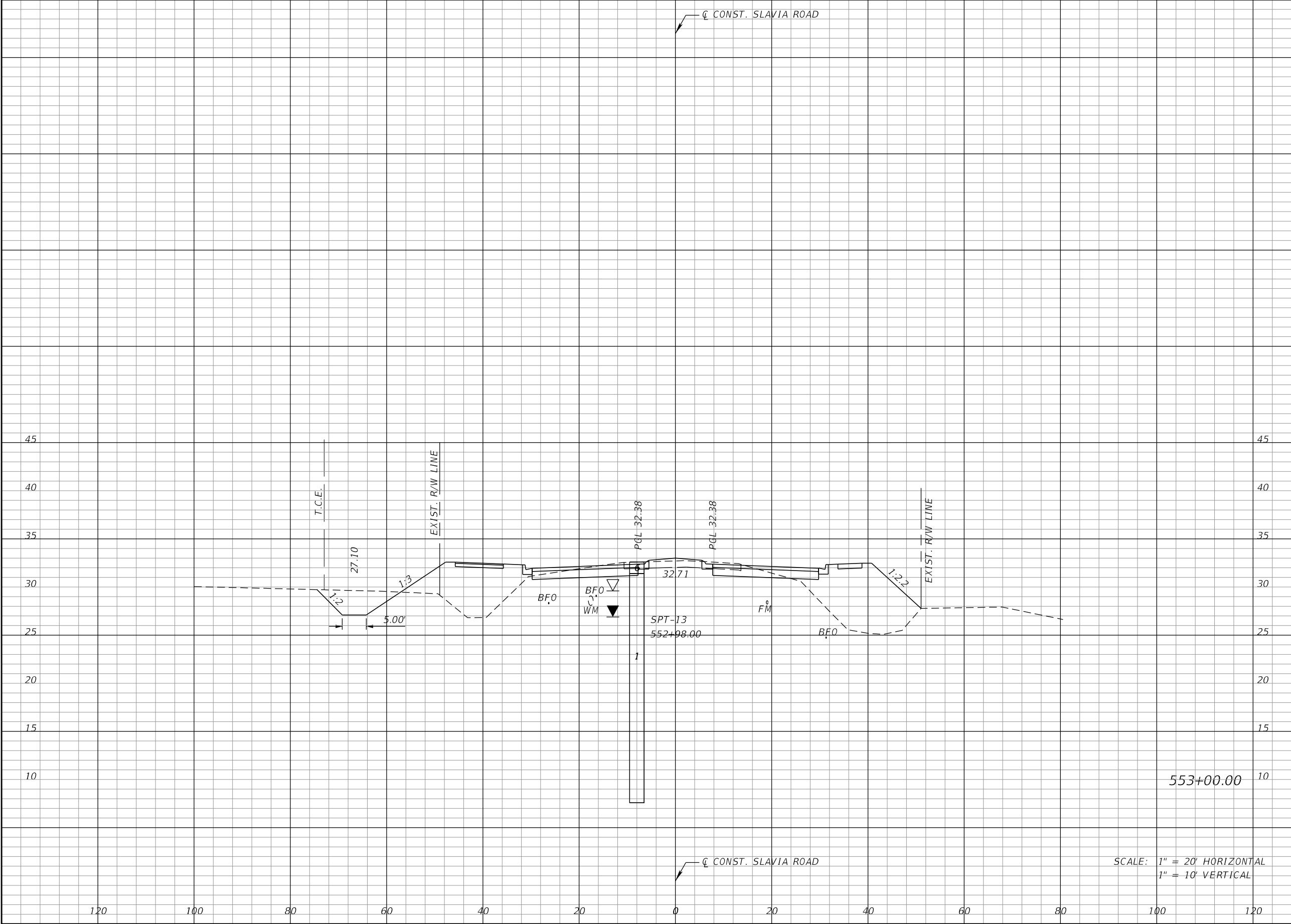
JOSEPH KEEZEL, P.E.  
P.E. LICENSE NUMBER 57501  
DEWBERRY ENGINEERS INC.  
800 NORTH MAGNOLIA AVENUE SUITE 1000  
ORLANDO, FL 32803

| SEMINOLE COUNTY<br>FLORIDA<br>TRAFFIC SAFETY CENTER |                    |          |
|-----------------------------------------------------|--------------------|----------|
| ROAD                                                | COUNTY PROJECT NO. | CIP NO.  |
| SLAVIA                                              | PS-2552-19/GCM     | 01785146 |

| CROSS SECTIONS<br>SLAVIA ROAD |  |
|-------------------------------|--|
| 85                            |  |

| 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          |     |
| 63      |   | 256  |            | 706 |
|         |   | 192  |            |     |

| 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

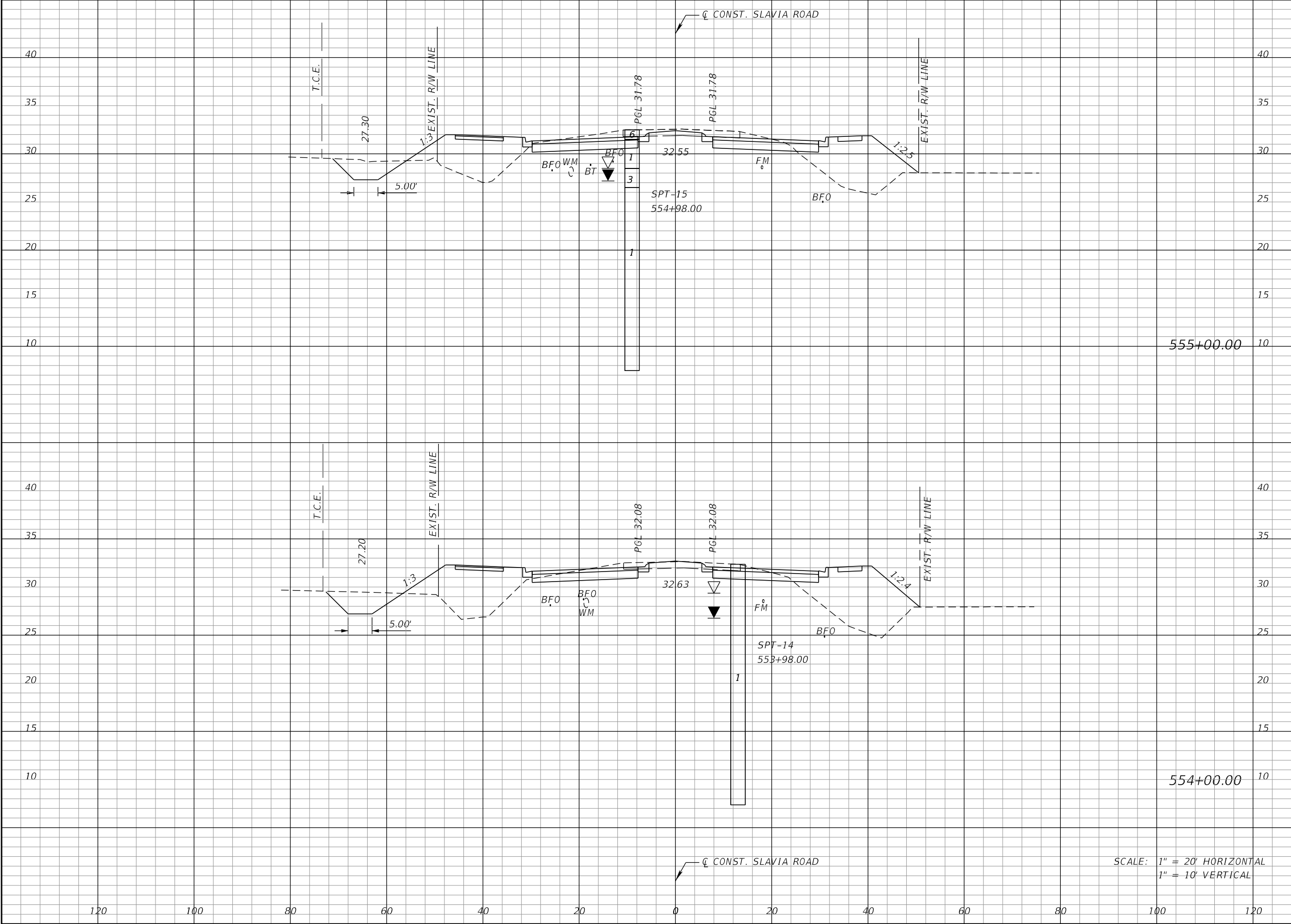
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
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   |
| 85      |  | 291  | 147        | 604 |
|         |  |      |            |     |
| 72      |  | 250  | 179        | 687 |
|         |  |      |            |     |

| 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

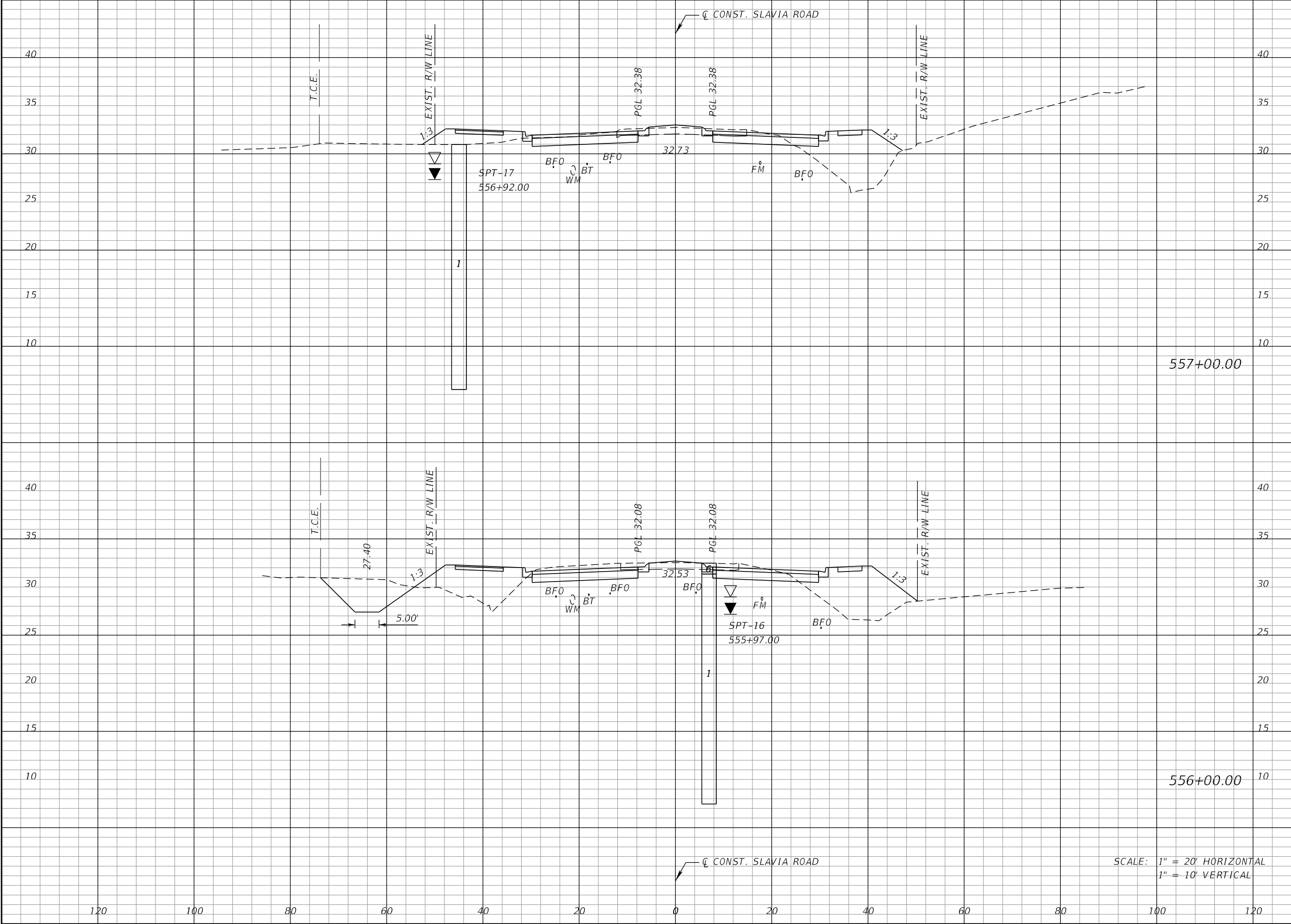
SEMINOLE COUNTY

| 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   |
| 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

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

CROSS SECTIONS  
SLAVIA ROAD

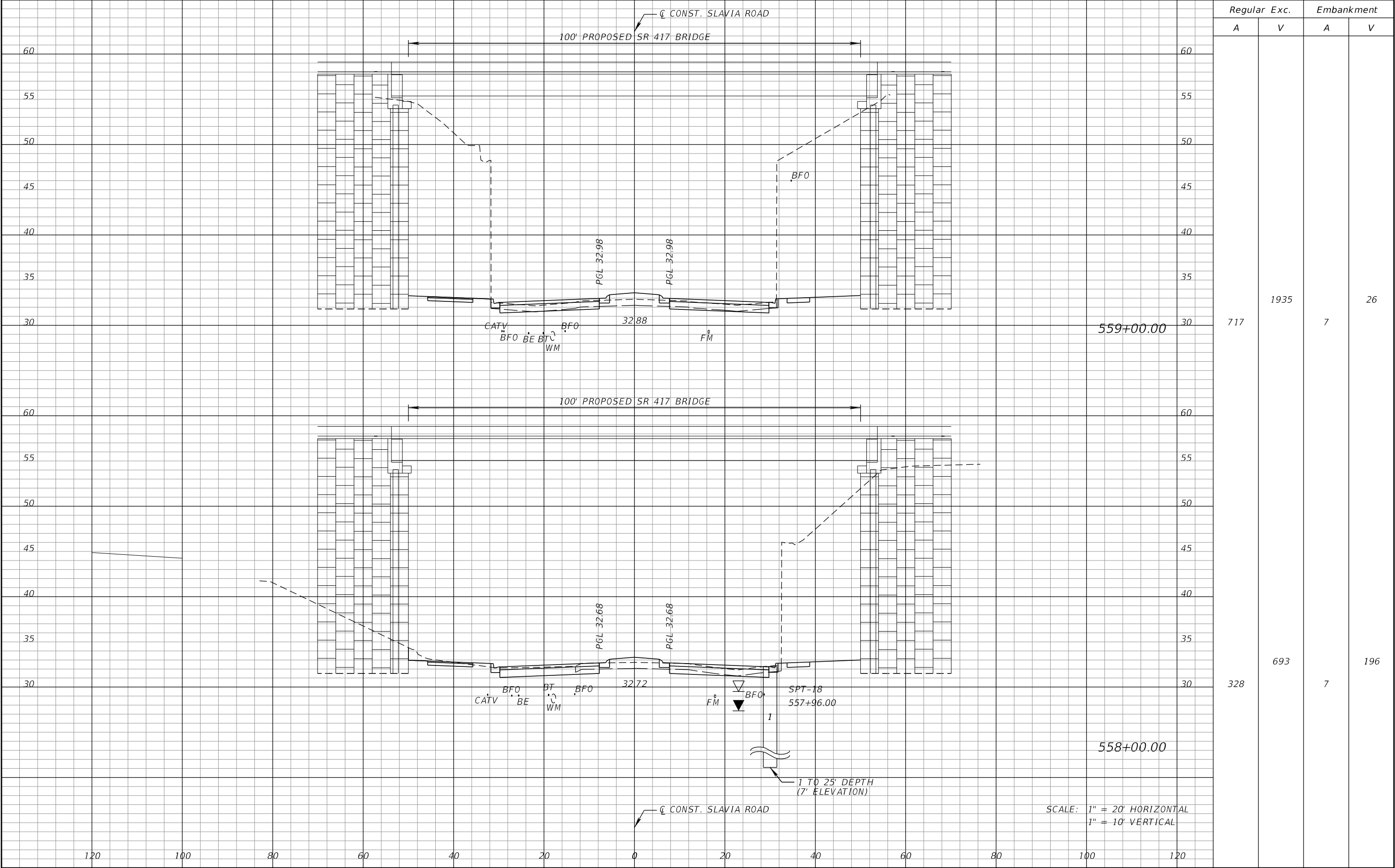
SHEET NO.  
88

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2/22/2023

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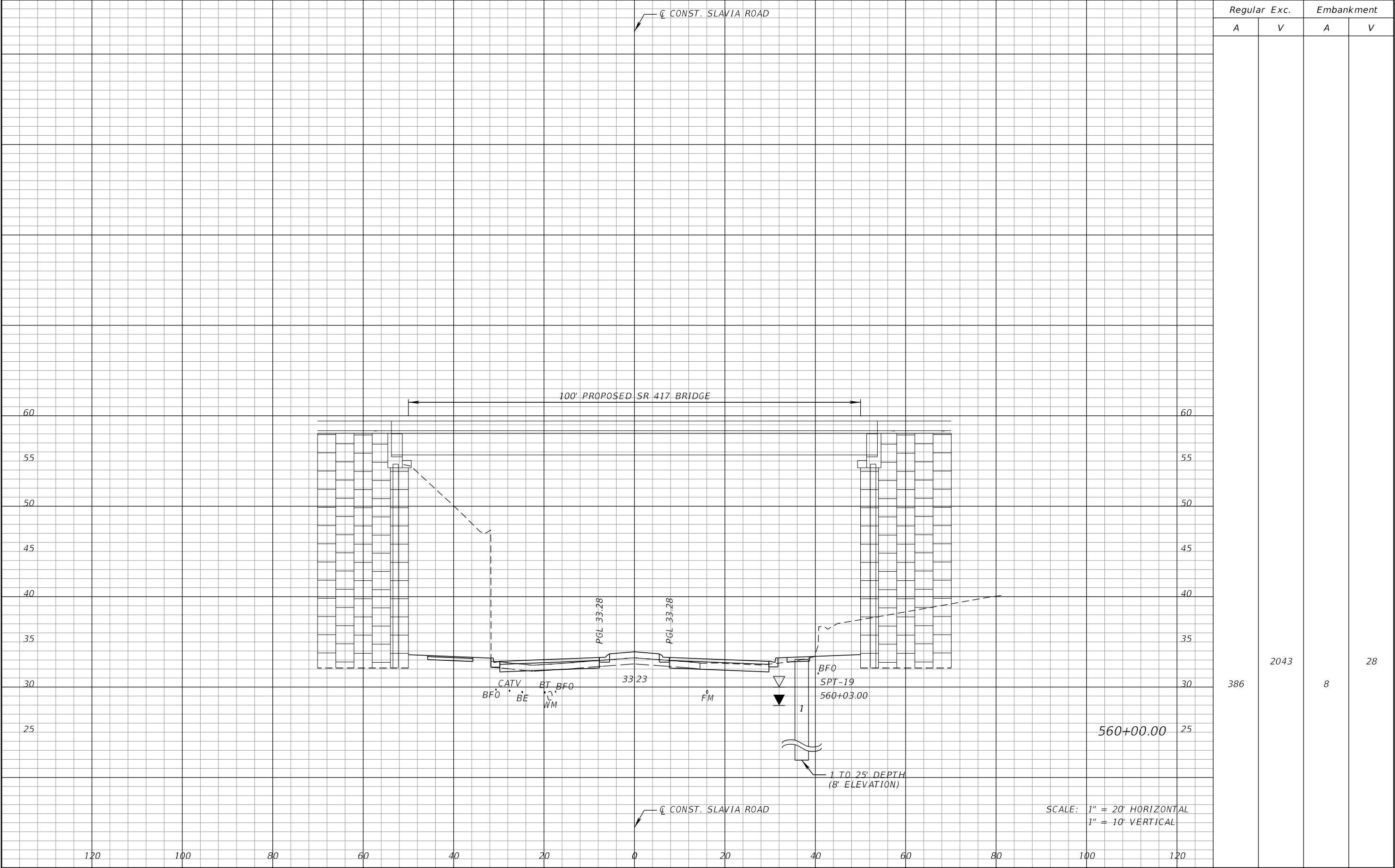
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                               |  |              |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                               |  | 89           |

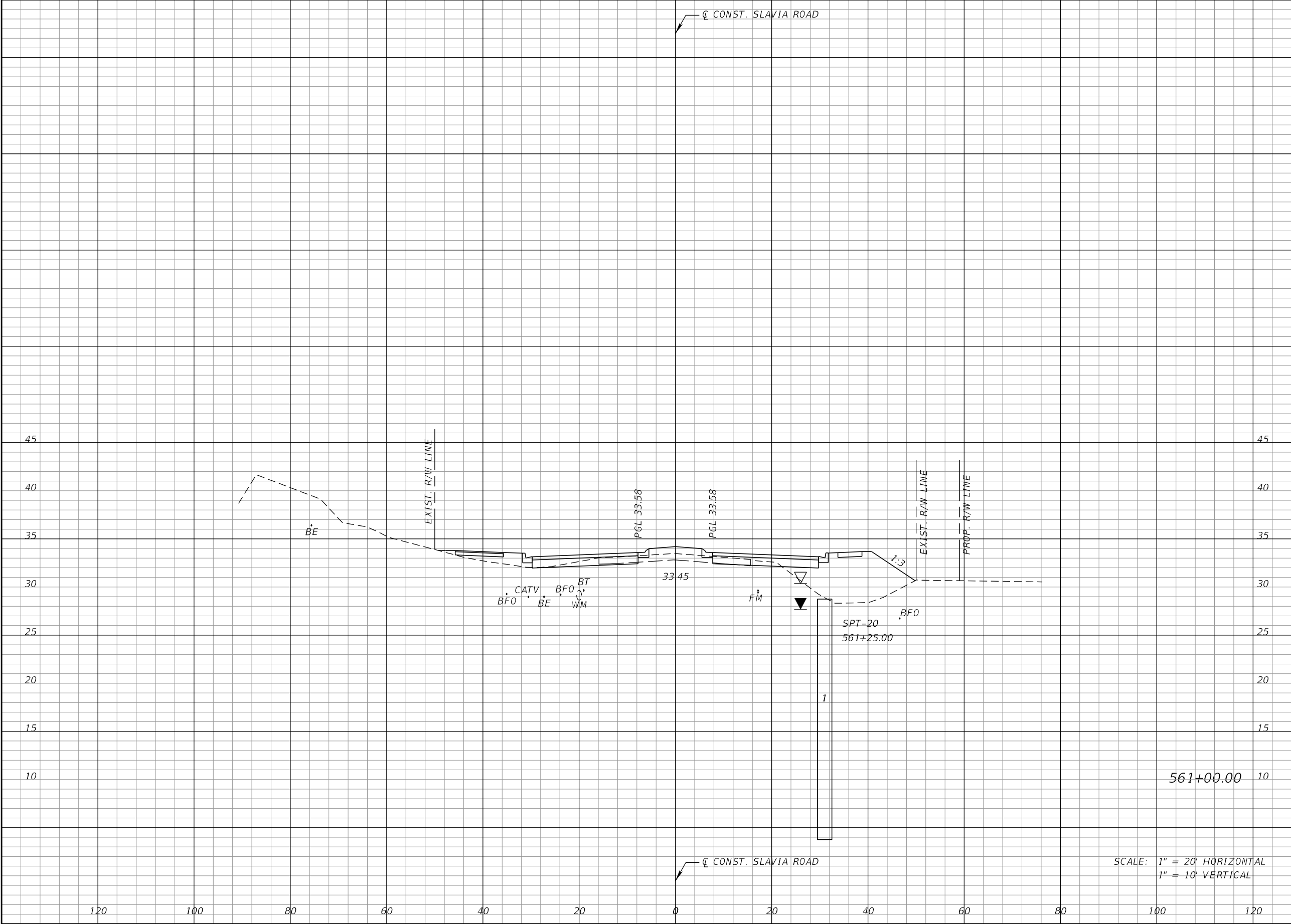
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                               |  |              |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                               |  | 90           |

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

| 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 CLASS

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
91

acook

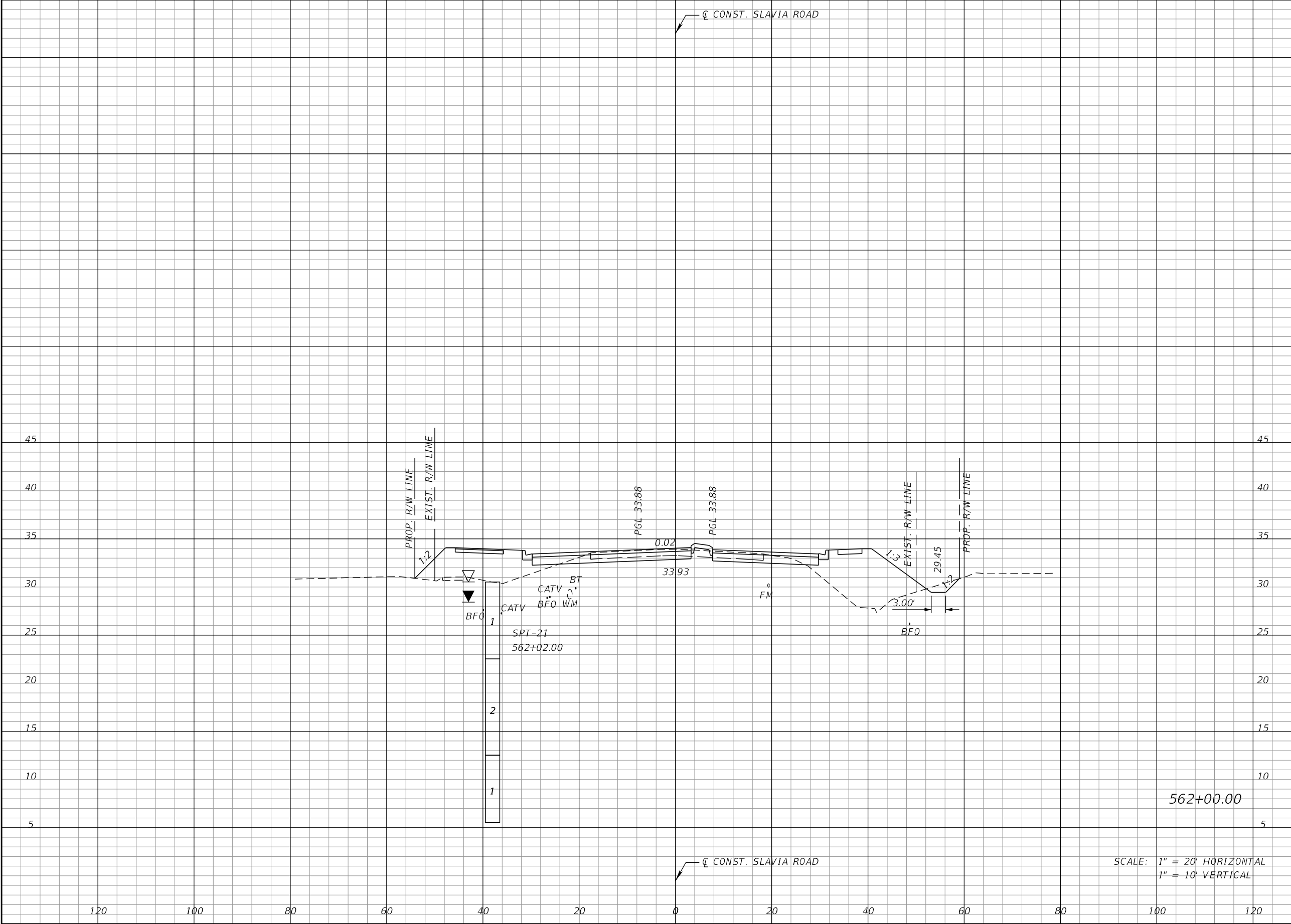
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| Regular |   | Exc. | Embankment |     |
|---------|---|------|------------|-----|
| A       | V | A    | V          |     |
| 42      |   | 115  | 141        | 456 |
|         |   |      |            |     |

| 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

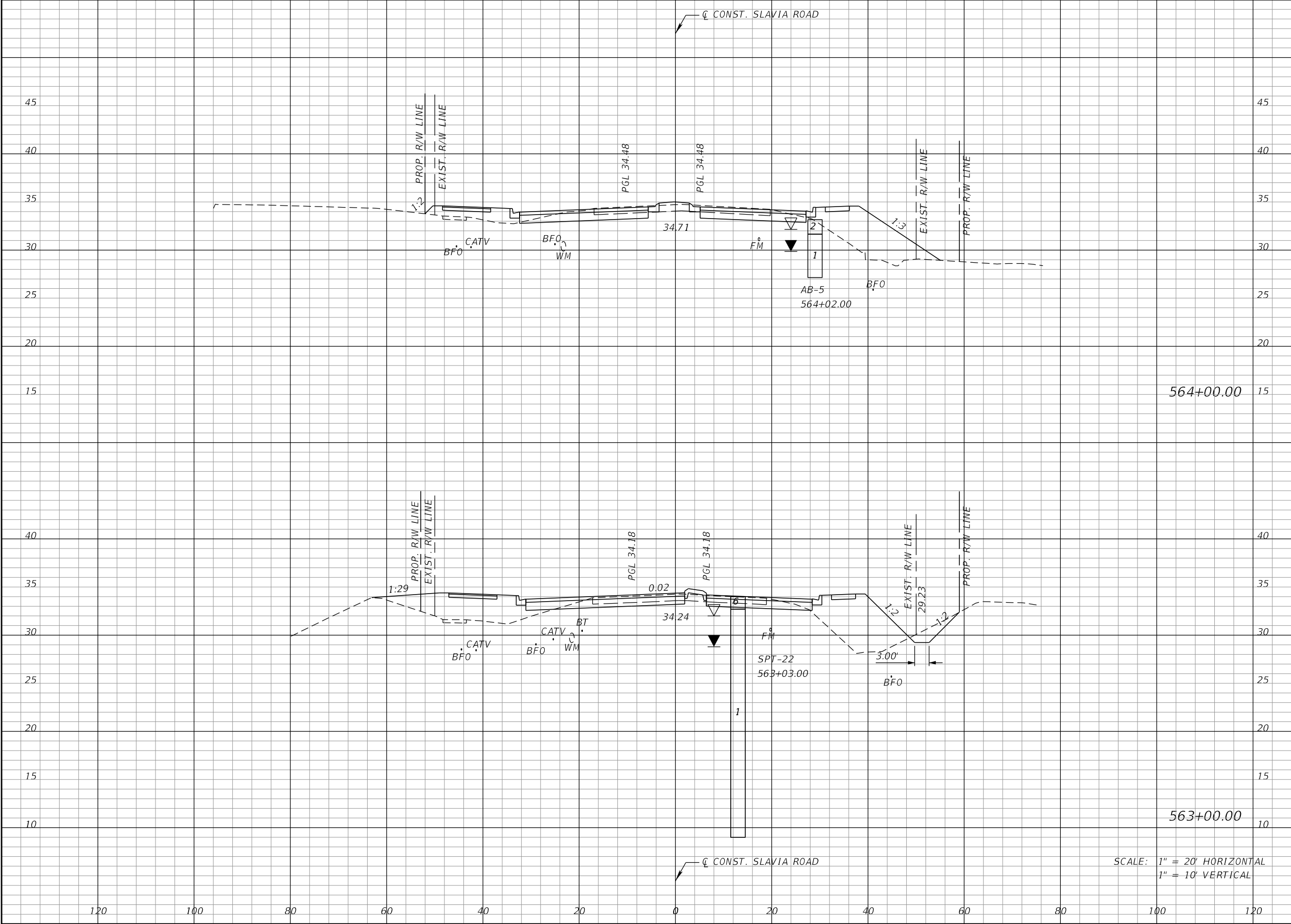
| ROAD   | COUNTY PROJECT NO. | CIP NO.  |
|--------|--------------------|----------|
| SLAVIA | PS-2552-19/GCM     | 01785146 |

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
92

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

| 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

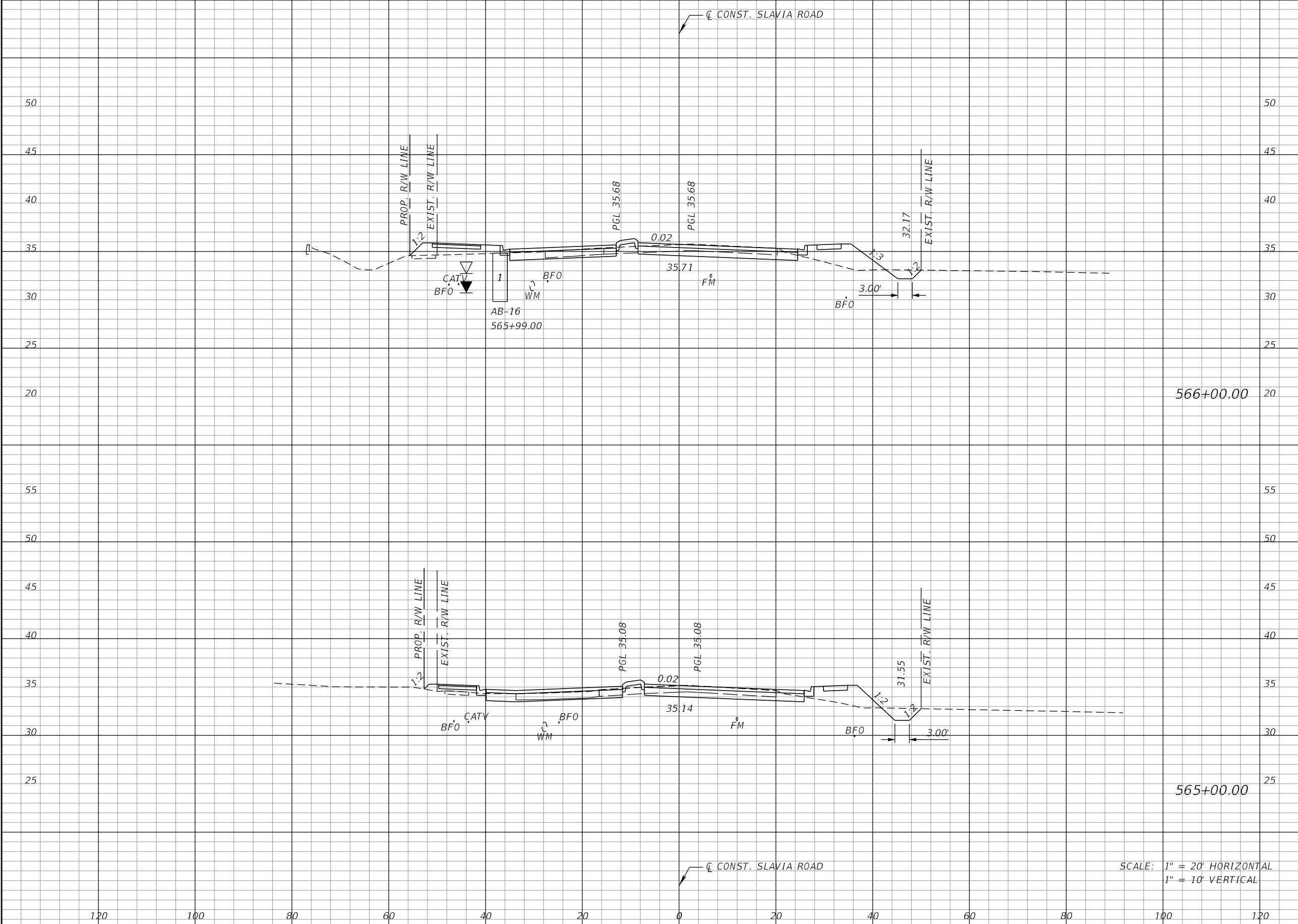
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
93

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   |
| 60      |  | 231  | 38         | 113 |
|         |  |      |            |     |
| 65      |  | 219  | 23         | 211 |
|         |  |      |            |     |

| 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

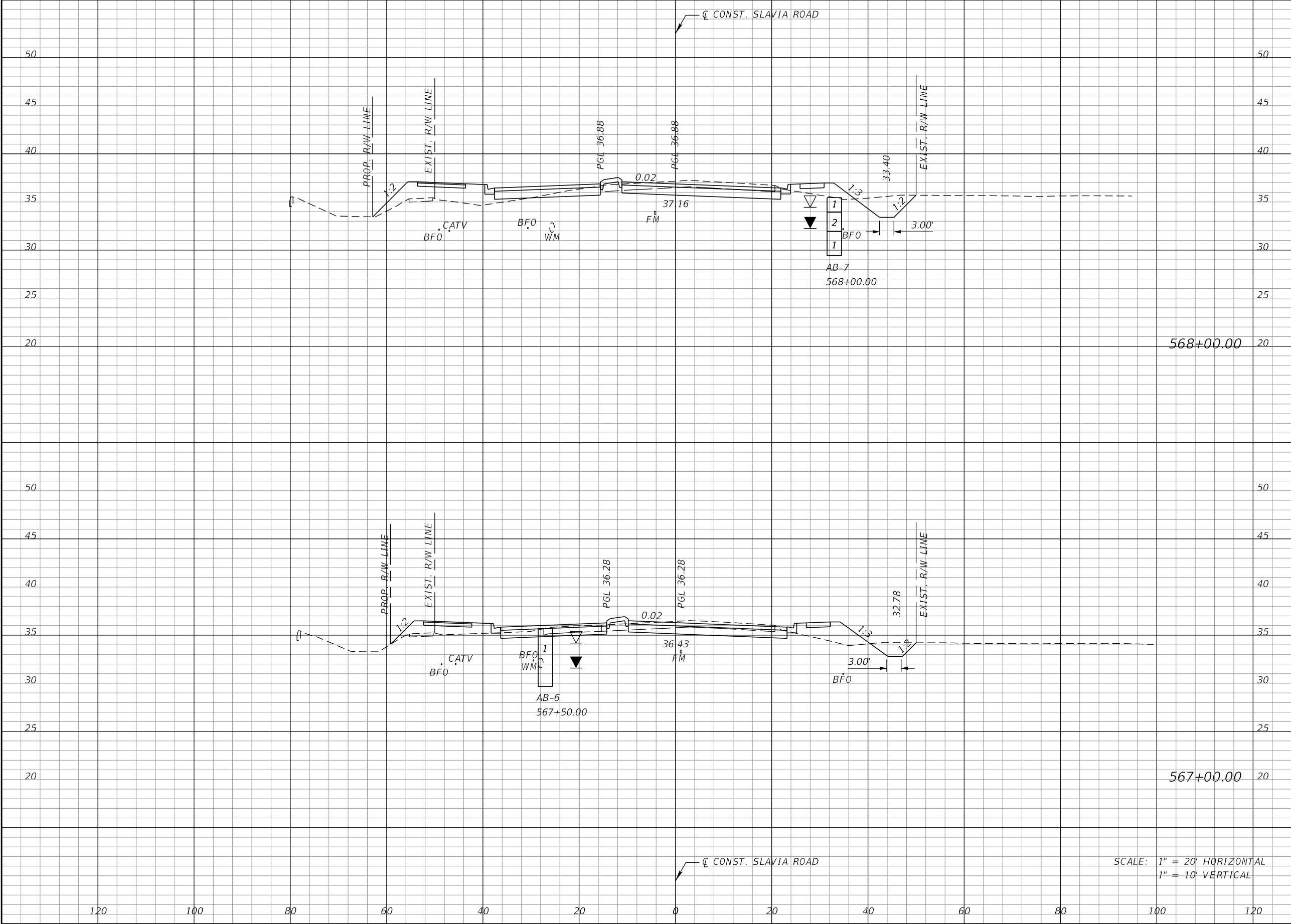
SHEET NO.  
94

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2/22/2023

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

| 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

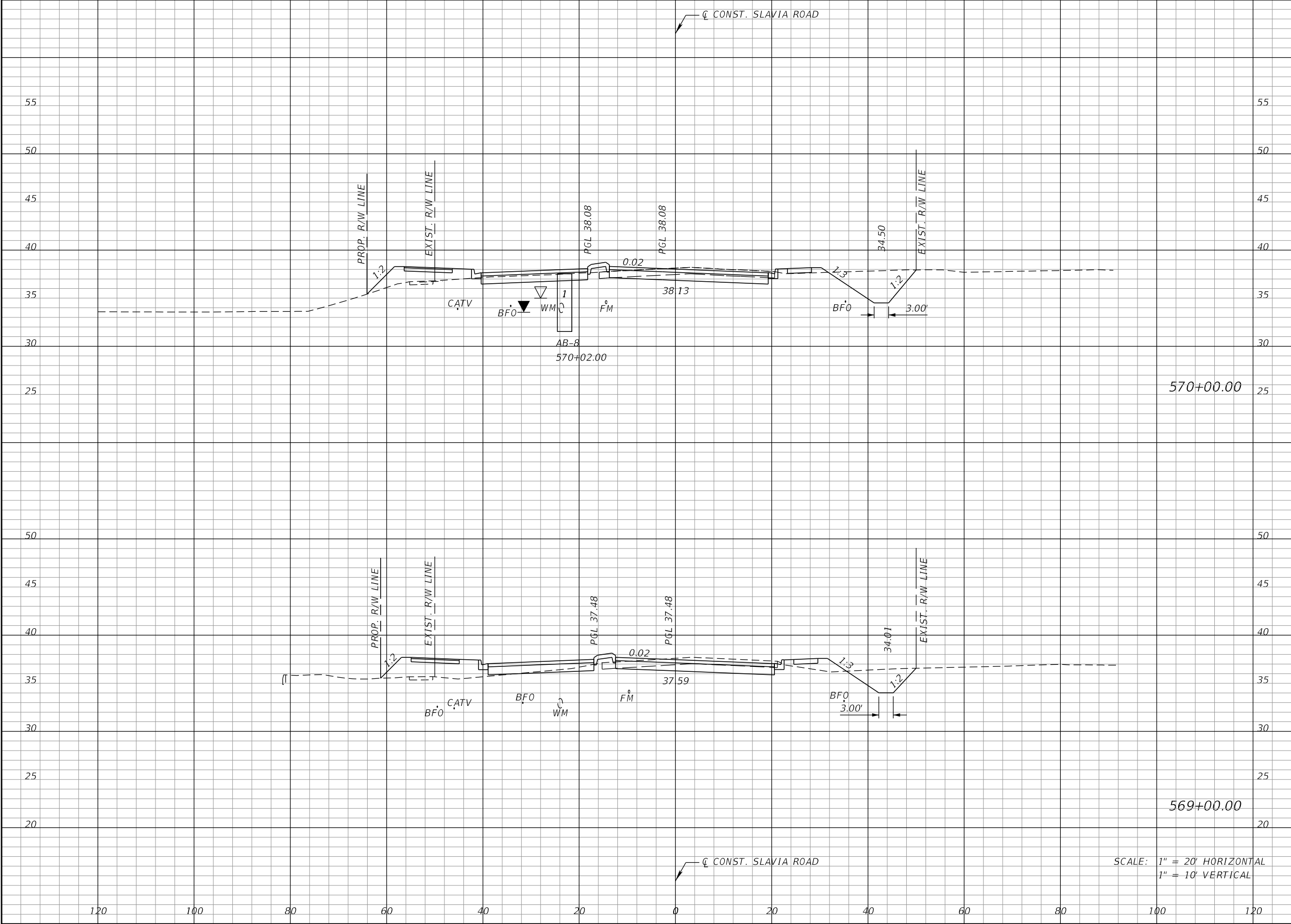
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
95

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   |
| 88      |  | 203  | 27         | 130 |
| 66      |  | 252  | 43         | 167 |

| 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

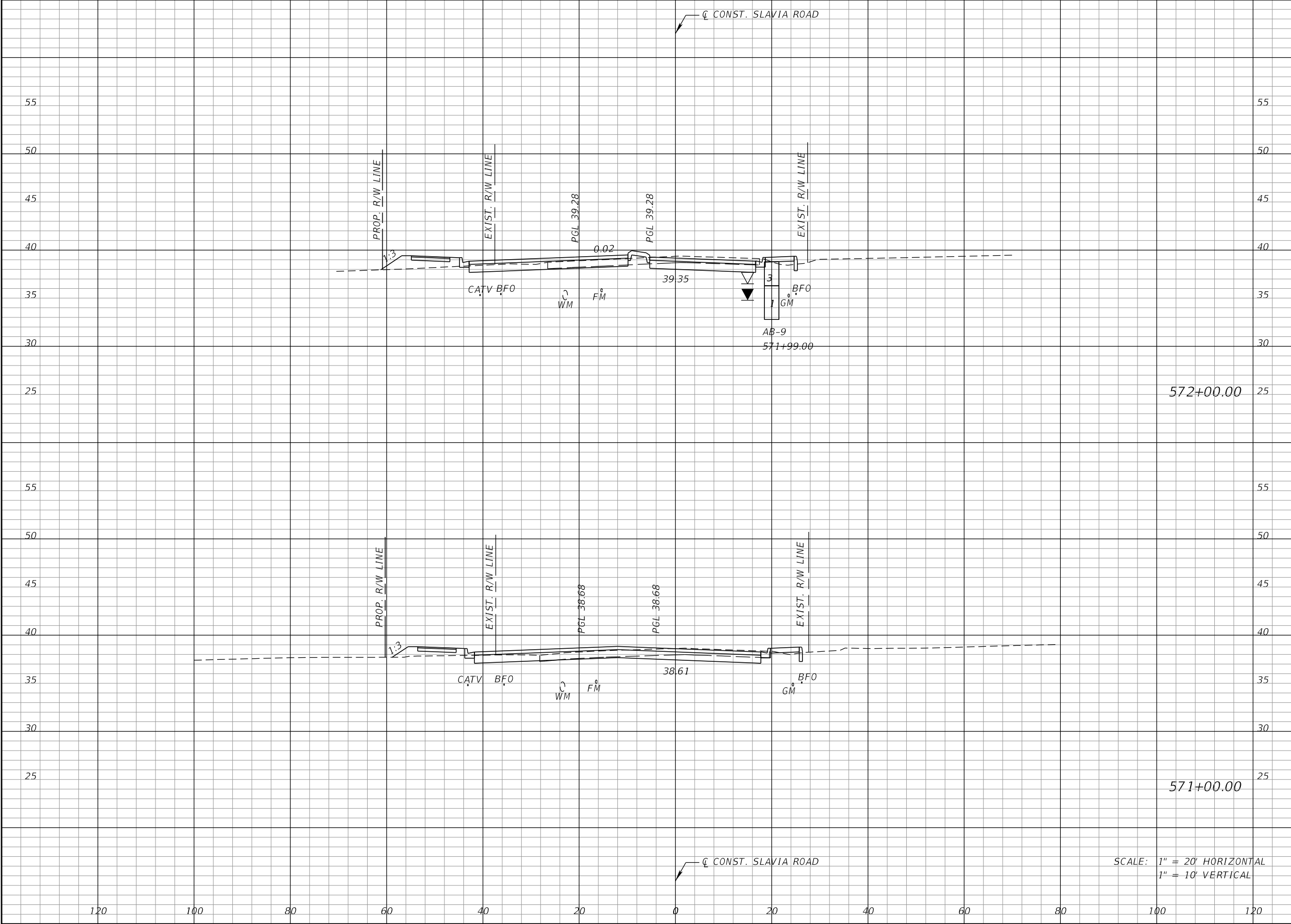
SEMINOLE COUNTY

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

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
96

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

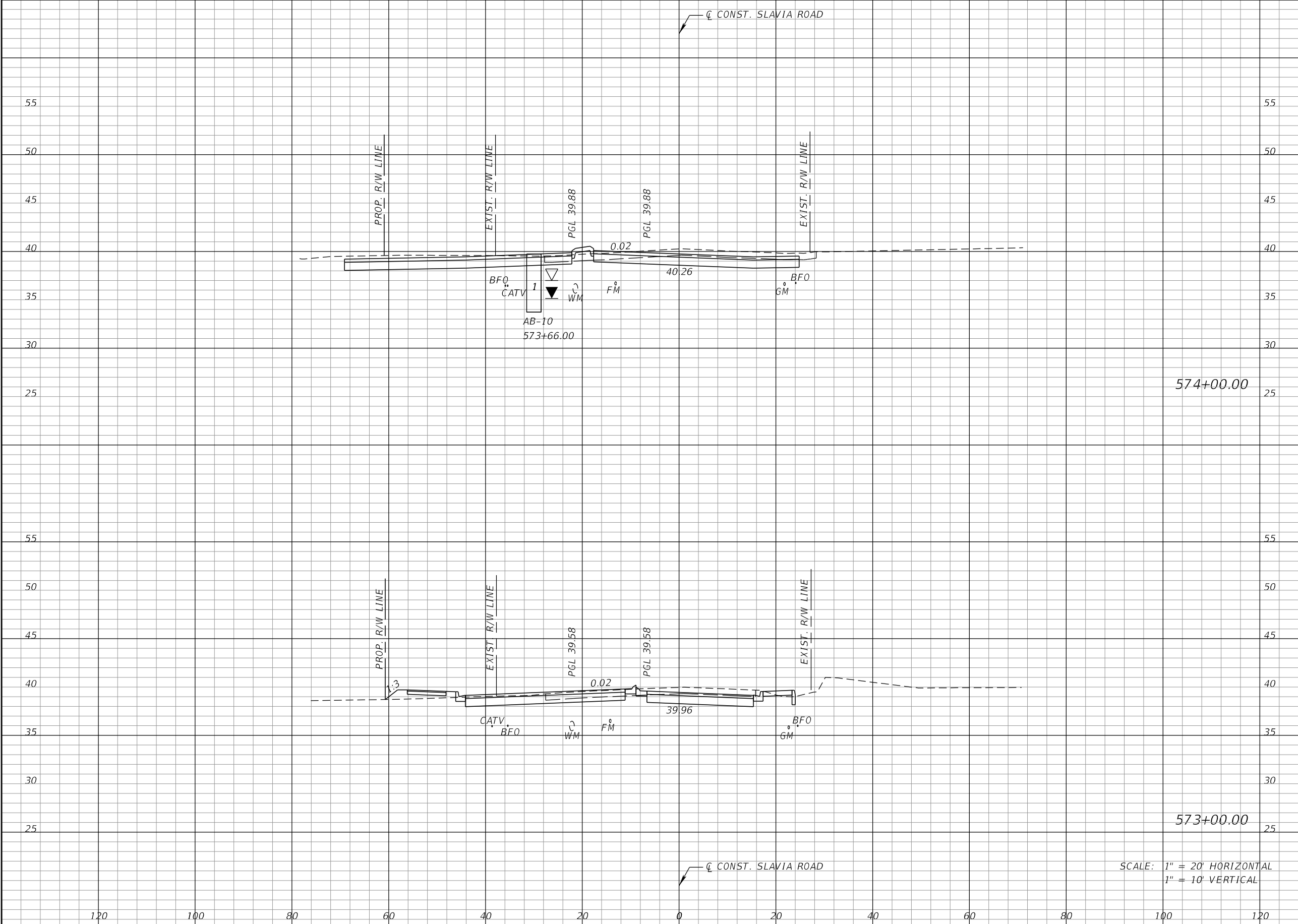


| Regular |     | Exc. | Embankment |   |
|---------|-----|------|------------|---|
| A       | V   | A    | V          | A |
| 57      | 213 | 14   | 43         |   |
| 58      | 270 | 9    | 67         |   |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | CROSS SECTIONS<br>SLAVIA ROAD |  | SHEET<br>NO.<br><br>97 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-------------------------------|--|------------------------|
| 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  |
| 122     |  | 356  | 1          | 15 |
| 70      |  | 235  | 7          | 39 |

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

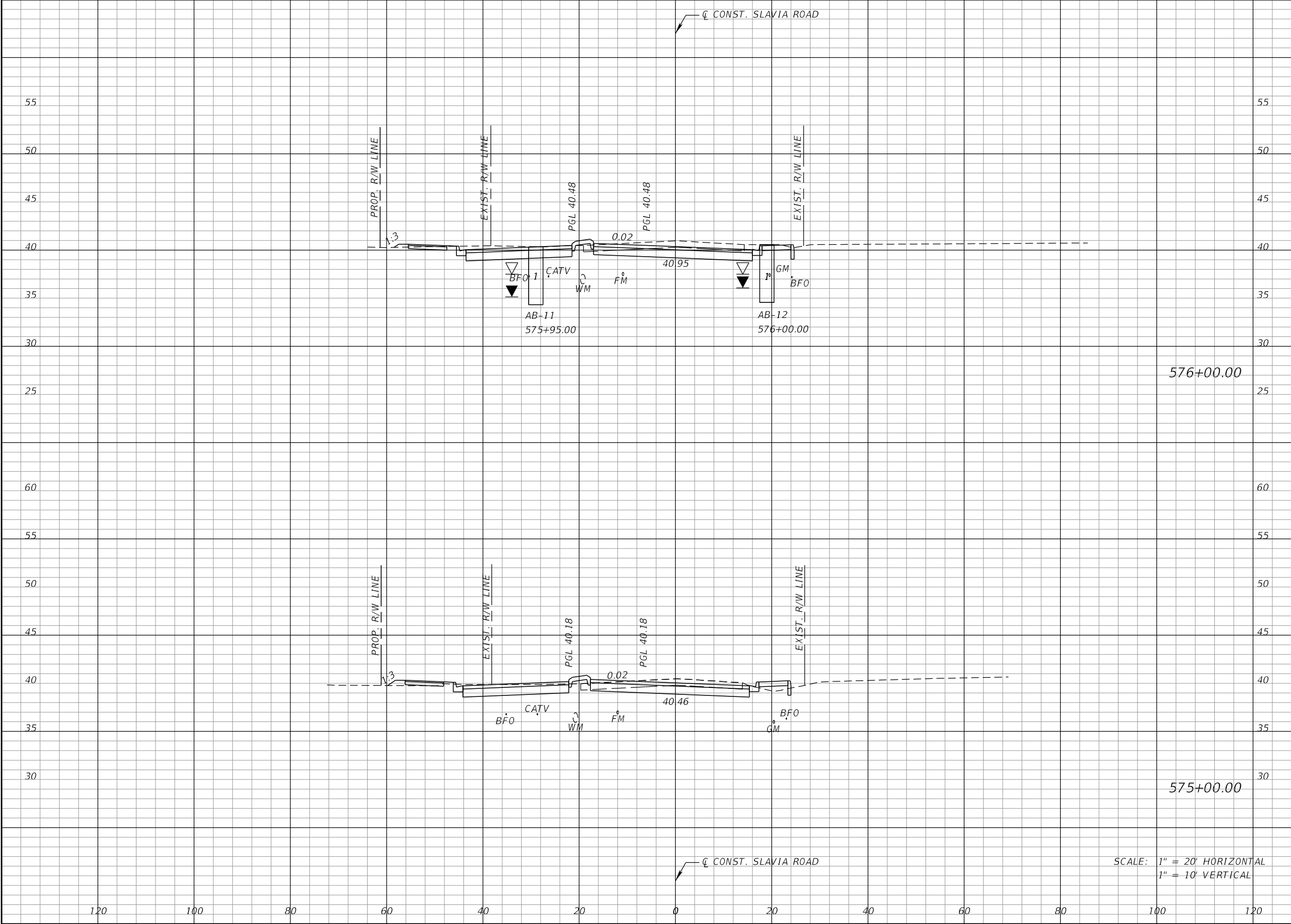
JOSEPH KEEZEL, P.E.  
P.E. LICENSE NUMBER 57501  
DEWBERRY ENGINEERS INC.  
800 NORTH MAGNOLIA AVENUE SUITE 1000  
ORLANDO, FL 32803

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

|                               |  |
|-------------------------------|--|
| CROSS SECTIONS<br>SLAVIA ROAD |  |
| 98                            |  |

|           |
|-----------|
| SHEET NO. |
| 98        |

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          |  |
| 80      | 263 | 1    | 15         |  |
| 62      | 341 | 7    | 15         |  |

| 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

SEMINOLE COUNTY

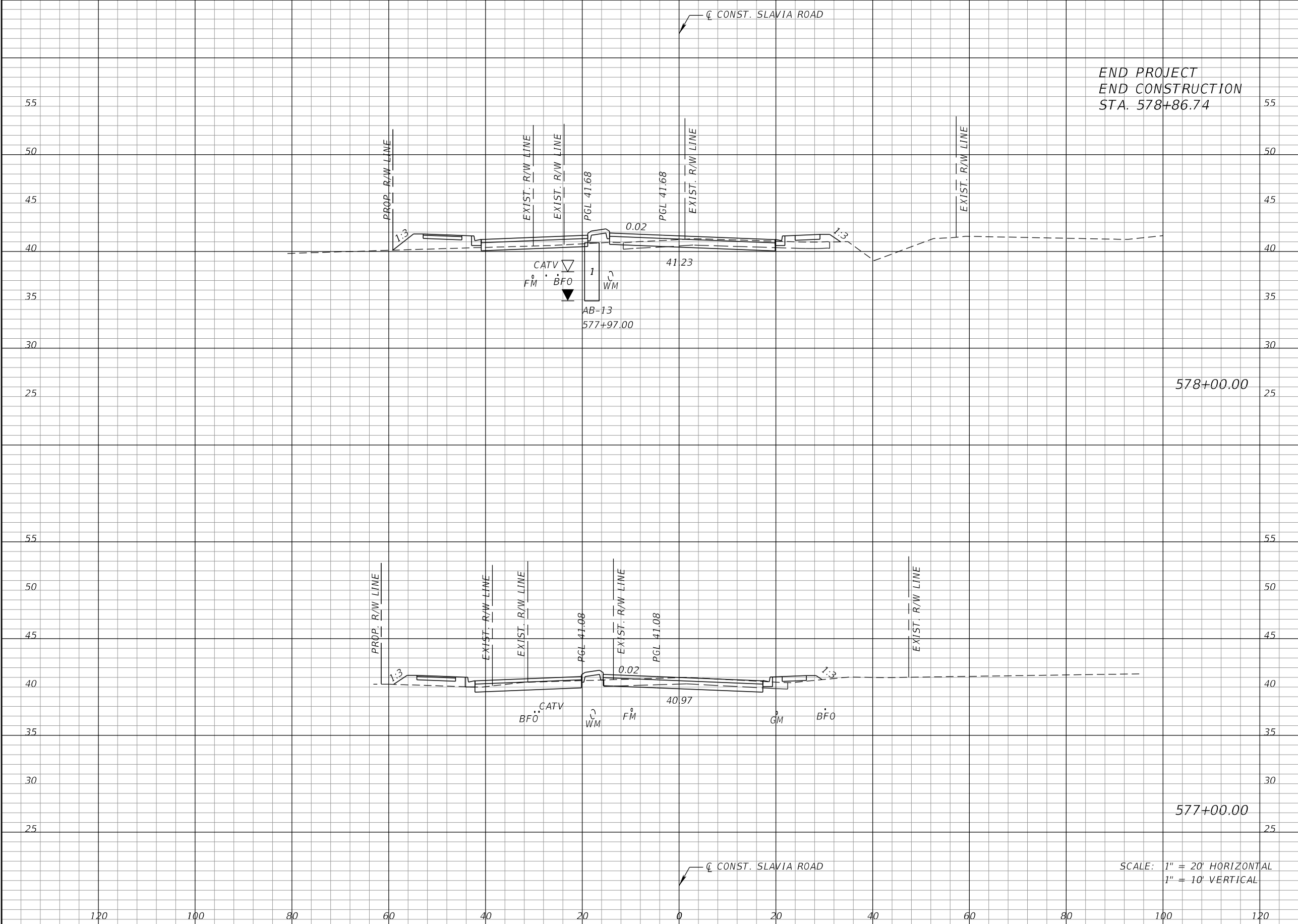
| ROAD   | COUNTY PROJECT NO. | CIP NO.  |
|--------|--------------------|----------|
| SLAVIA | PS-2552-19/GCM     | 01785146 |

CROSS SECTIONS  
SLAVIA ROAD

SHEET NO.  
99

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          |  |
| 33      | 156 | 25   | 72         |  |
| 51      | 243 | 14   | 28         |  |

| 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<br>FLORIDA'S NATURAL CLASS |                    |          |
|--------------------------------------------|--------------------|----------|
| ROAD                                       | COUNTY PROJECT NO. | CIP NO.  |
| SLAVIA                                     | PS-2552-19/GCM     | 01785146 |

| CROSS SECTIONS<br>SLAVIA ROAD |  |
|-------------------------------|--|
| 100                           |  |

| 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.

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  
SEMINOLE COUNTY

ROAD

SLAVIA

COUNTY PROJECT NO.

PS-2552-19/GCM

CIP NO.

01785146

STORMWATER POLLUTION  
PREVENTION PLAN

SHEET NO.

101

acook

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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.

- CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.
- CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.
- STORM DRAIN AND ROADWAY UNDERDRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.
- EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, GRAVITY WALL, CURB, SUBGRADE, BASE, PAVEMENT, AND SIDEWALK.
- 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 COEFFIECIENTS:

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.A.1 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.A.2 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:

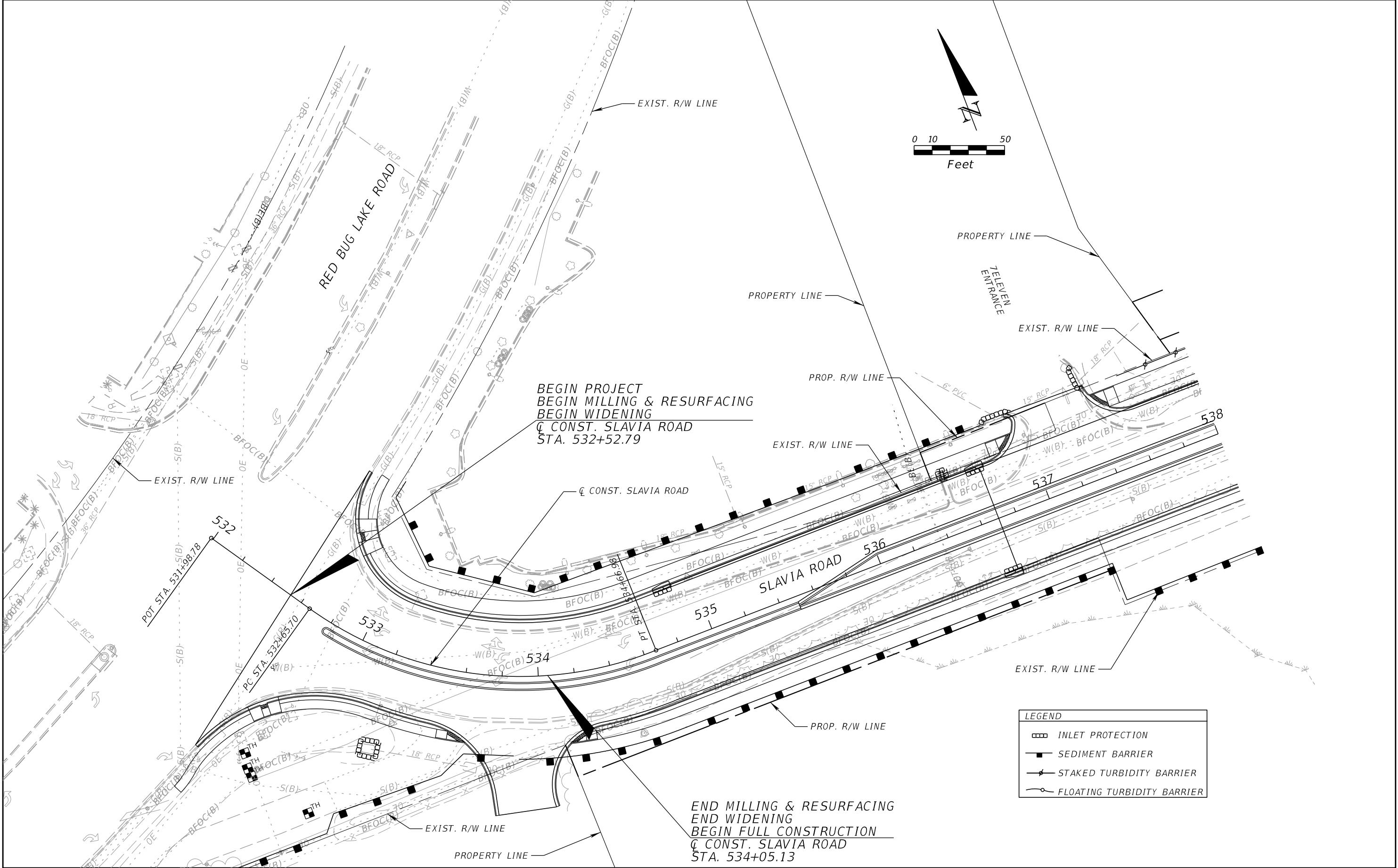
IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

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

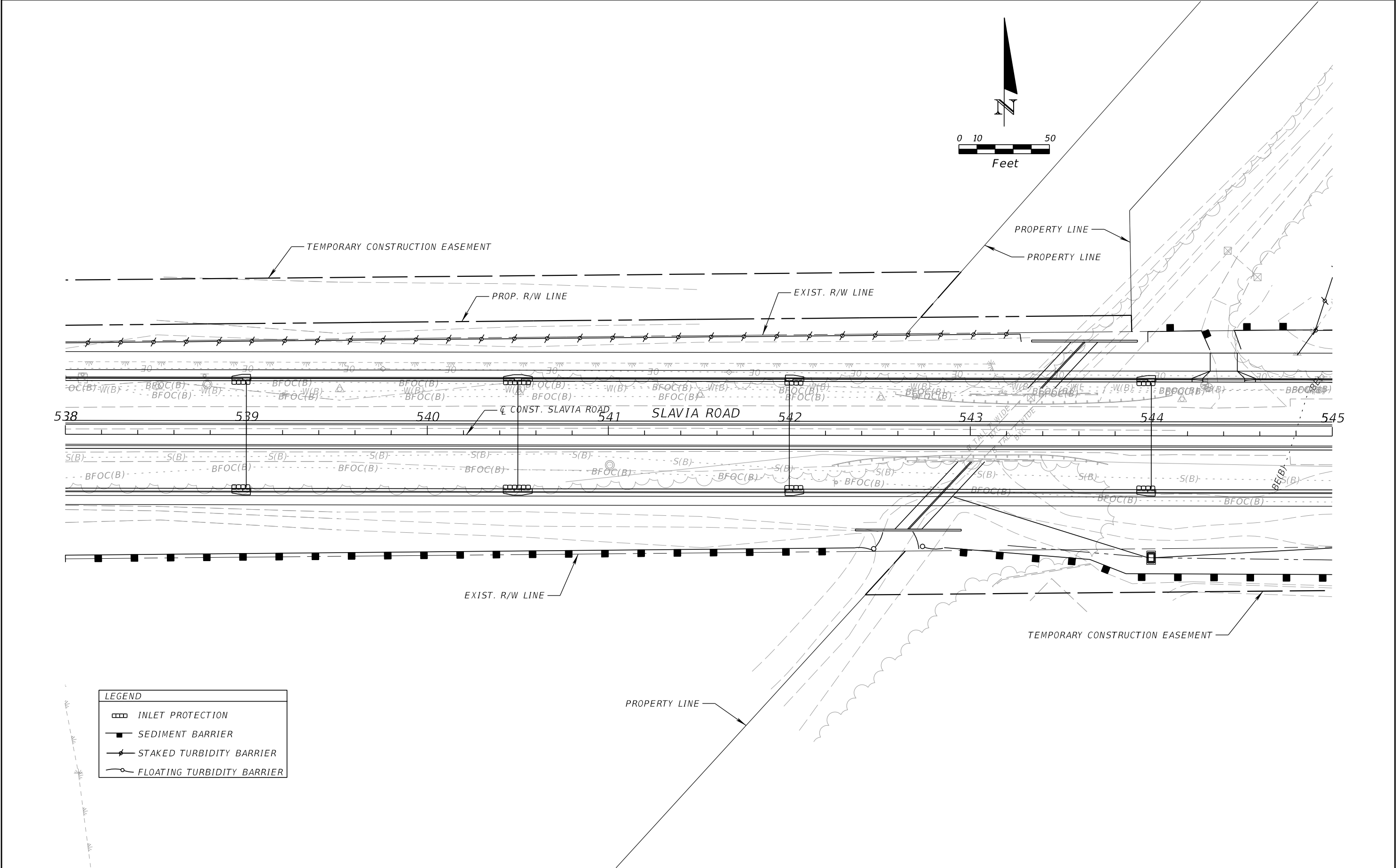
\* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

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

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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                                                                                 | COUNTY PROJECT NO. | CIP NO.  |                                                     | 102       |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                                                                               | PS-2552-19/GCM     | 01785146 |                                                     |           |
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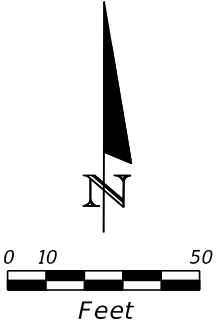
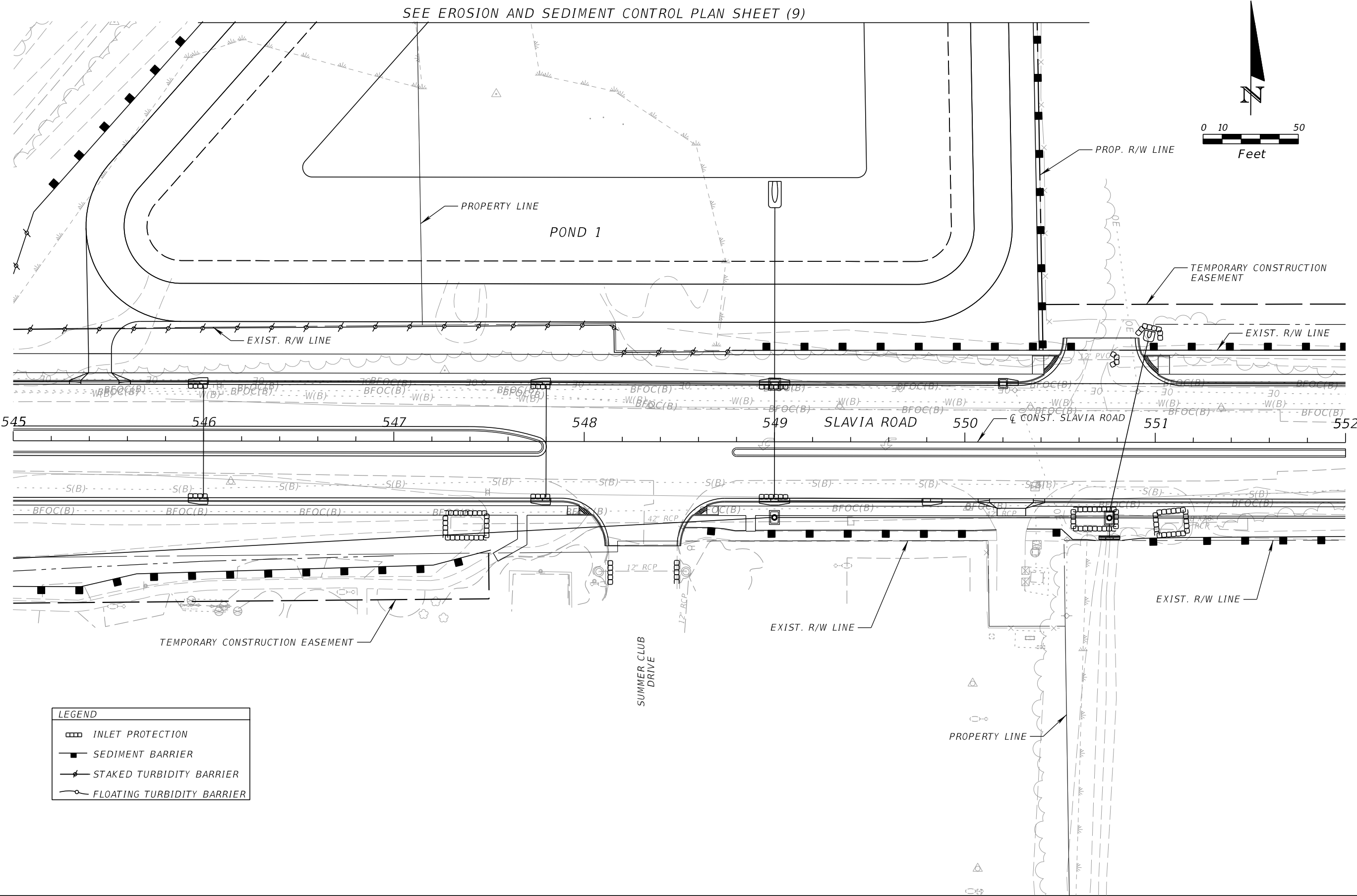
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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|------------------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. |                                          |              |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146                                 | 103          |



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

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

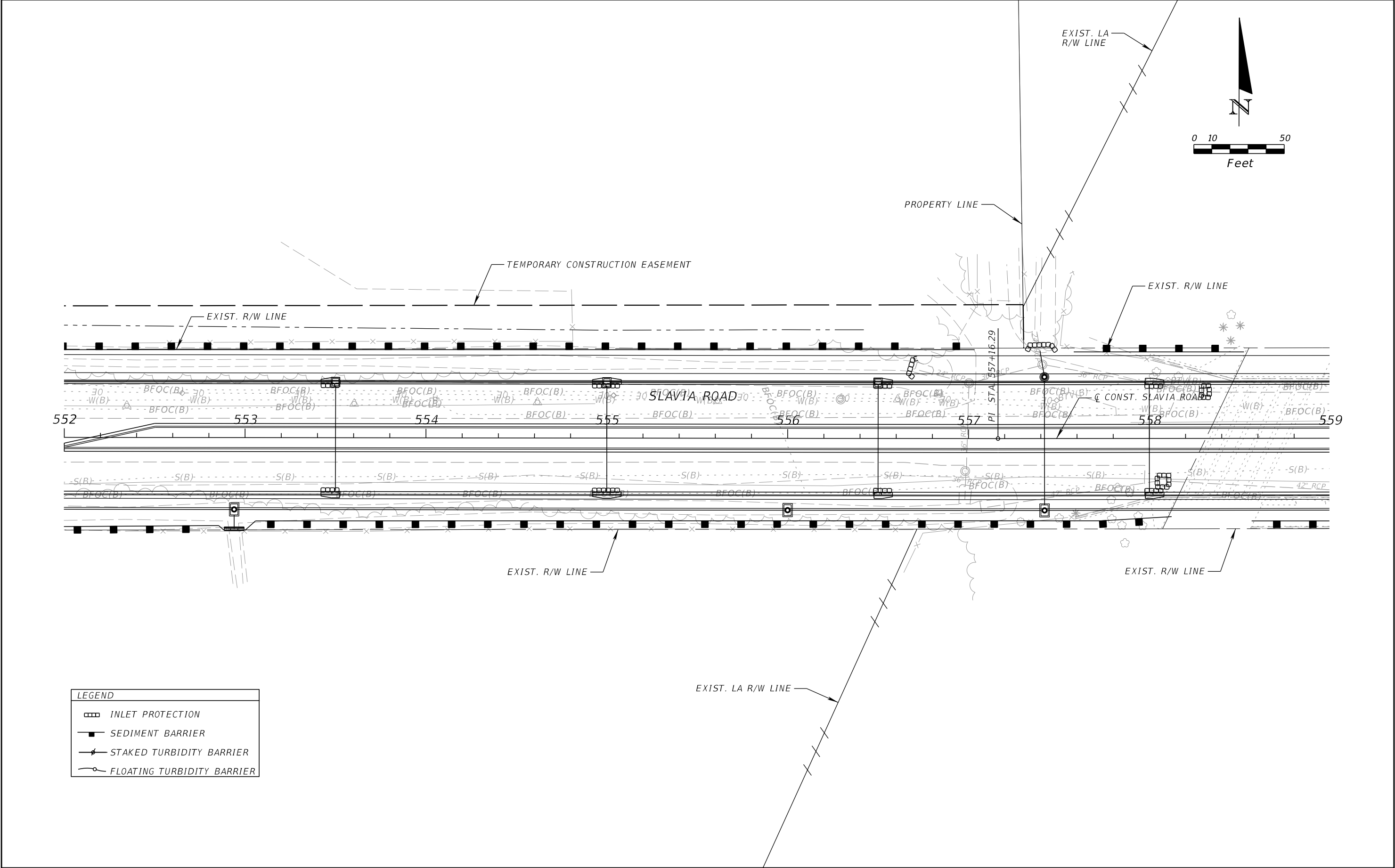


| LEGEND |                            |
|--------|----------------------------|
|        | INLET PROTECTION           |
|        | SEDIMENT BARRIER           |
|        | STAKED TURBIDITY BARRIER   |
|        | FLOATING TURBIDITY BARRIER |

| REVISIONS |             |      |             | SEAN CARRIGAN, P.E.<br>P.E. LICENSE NUMBER 73041<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | EROSION AND SEDIMENT<br>CONTROL PLAN (3) |  | SHEET<br>NO.<br><br>105 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|------------------------------------------|--|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                          |  |                         |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                          |  |                         |

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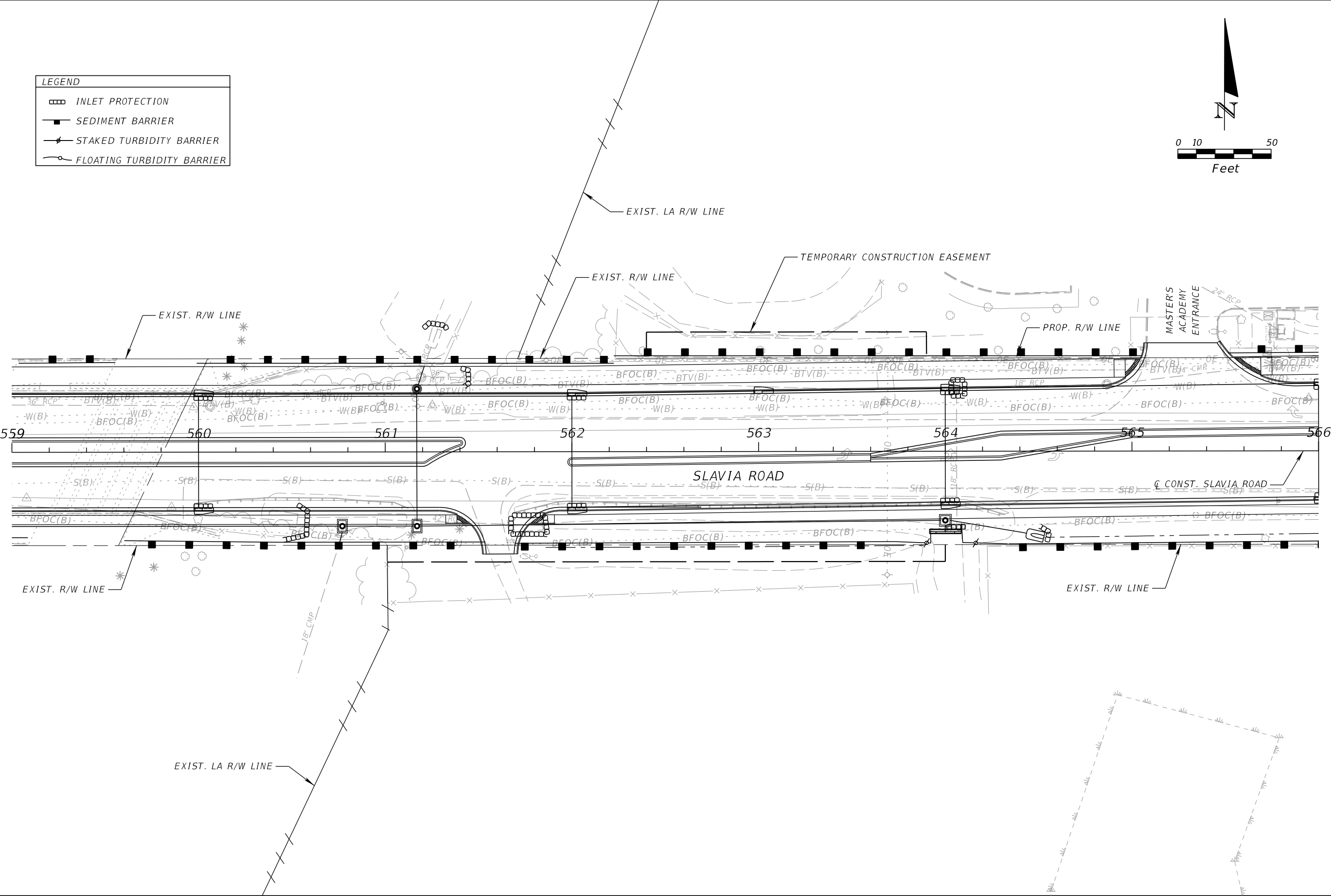
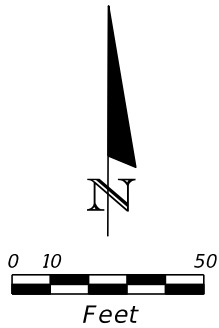


| LEGEND |                            |
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|        | INLET PROTECTION           |
|        | SEDIMENT BARRIER           |
|        | STAKED TURBIDITY BARRIER   |
|        | FLOATING TURBIDITY BARRIER |

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

LEGEND

- INLET PROTECTION
- SEDIMENT BARRIER
- STAKED TURBIDITY BARRIER
- FLOATING TURBIDITY BARRIER

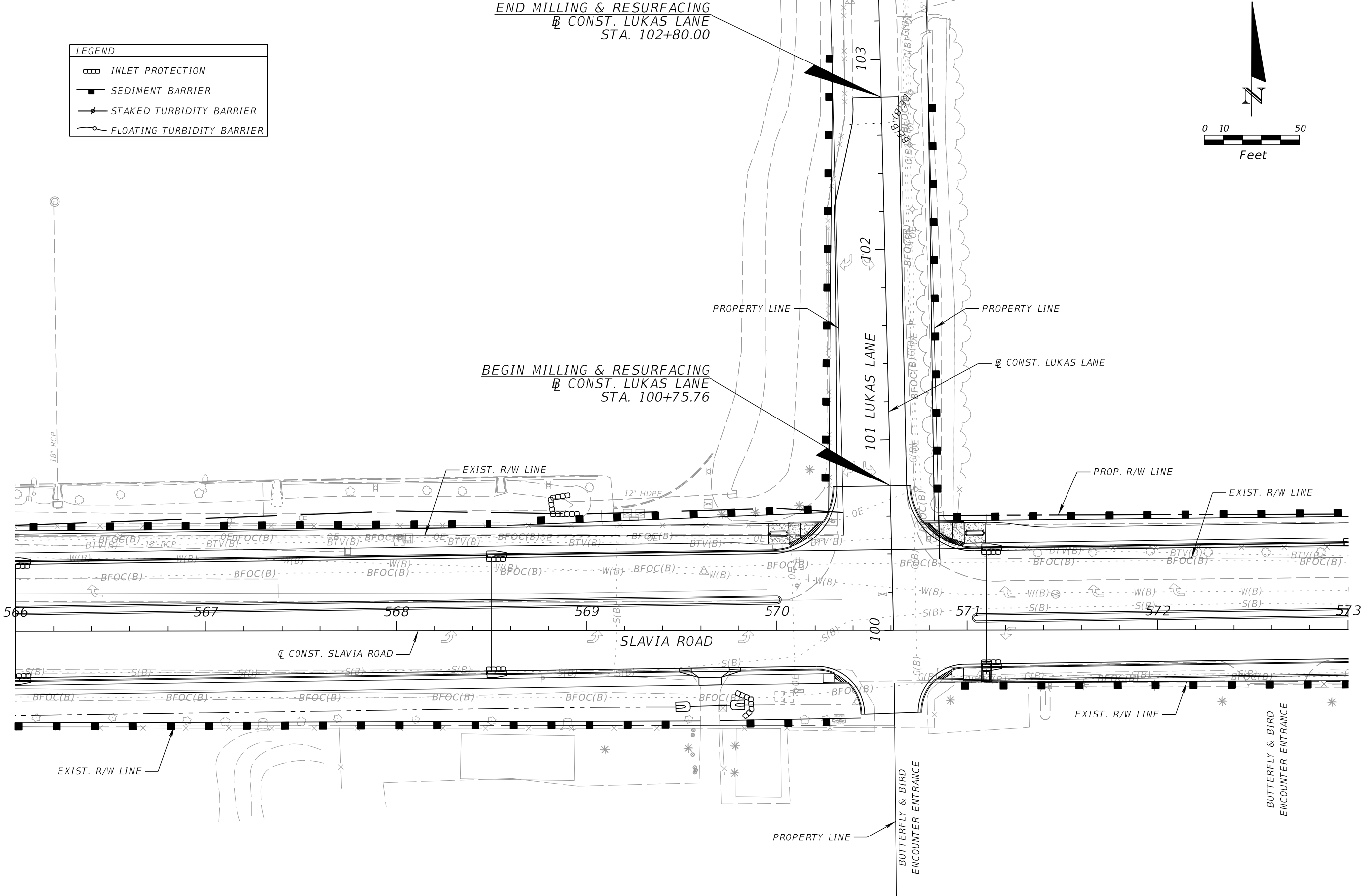
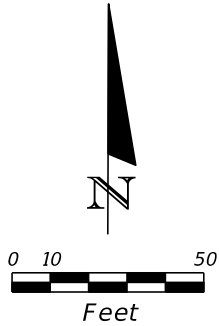


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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|------------------------------------------|--|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                                          |  |                         |
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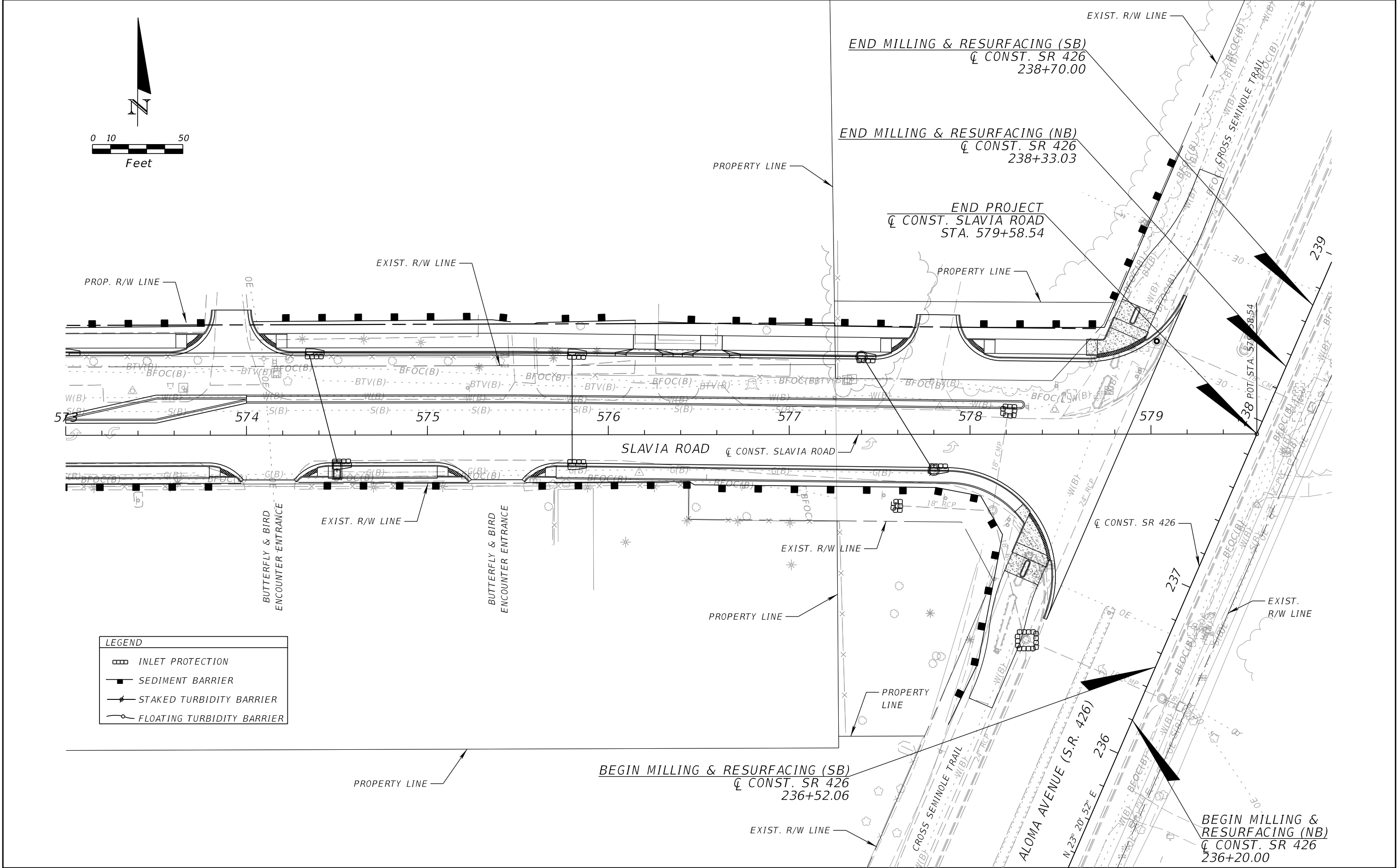
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| LEGEND |                            |
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|        | INLET PROTECTION           |
|        | SEDIMENT BARRIER           |
|        | STAKED TURBIDITY BARRIER   |
|        | FLOATING TURBIDITY BARRIER |



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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|------------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                                          | 108       |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                                          |           |
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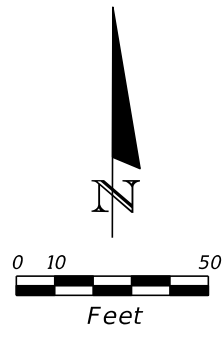


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|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|------------------------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. |                                          |                         |
|           |             |      |             |                                                                                                                                          | SLAVIA          | PS-2552-19/GCM     |                                          |                         |

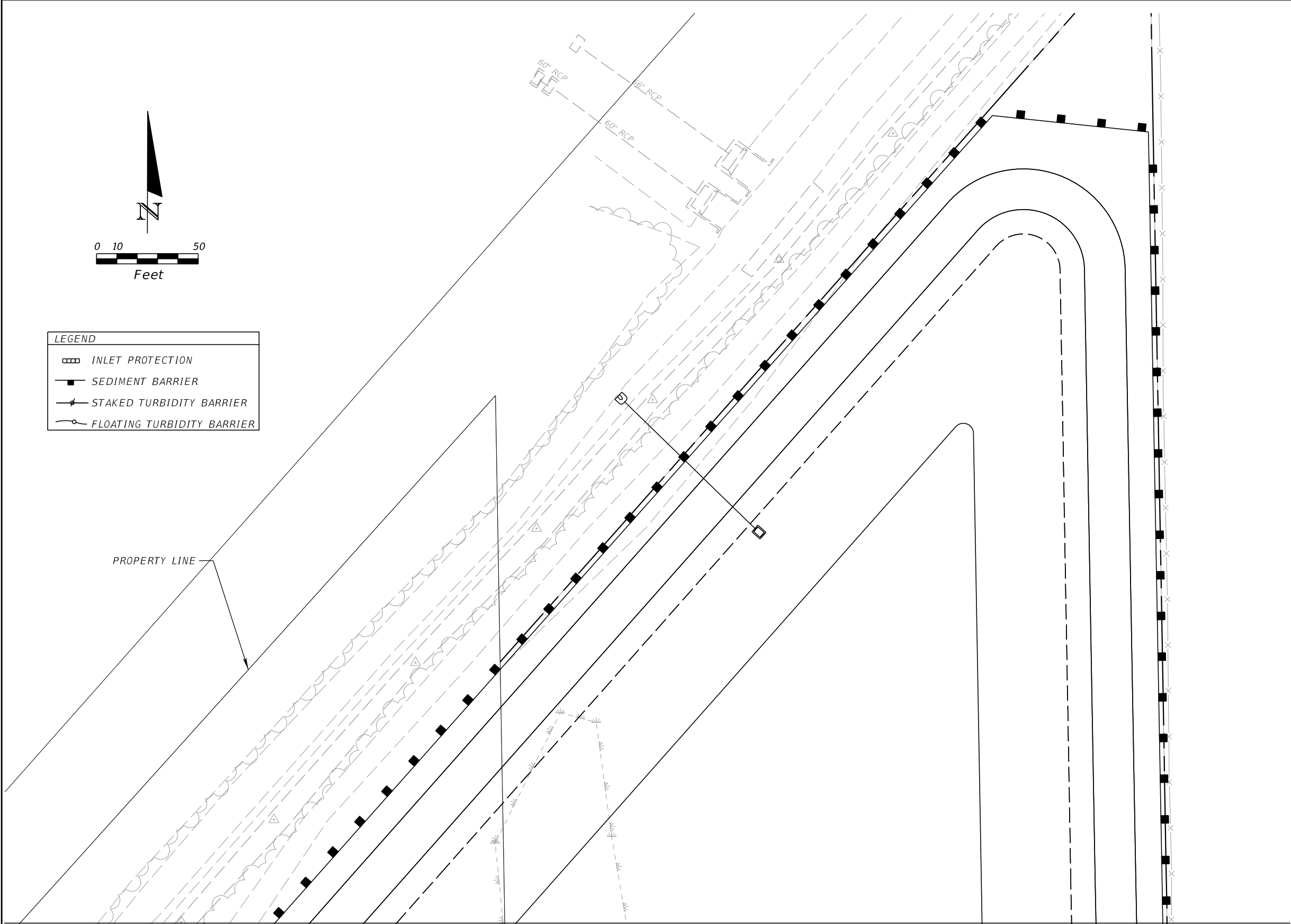
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| LEGEND |                            |
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|        | INLET PROTECTION           |
|        | SEDIMENT BARRIER           |
|        | STAKED TURBIDITY BARRIER   |
|        | FLOATING TURBIDITY BARRIER |



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

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

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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



CHANNELIZING DEVICE: TYPE III - 6'



WORK ZONE SIGN

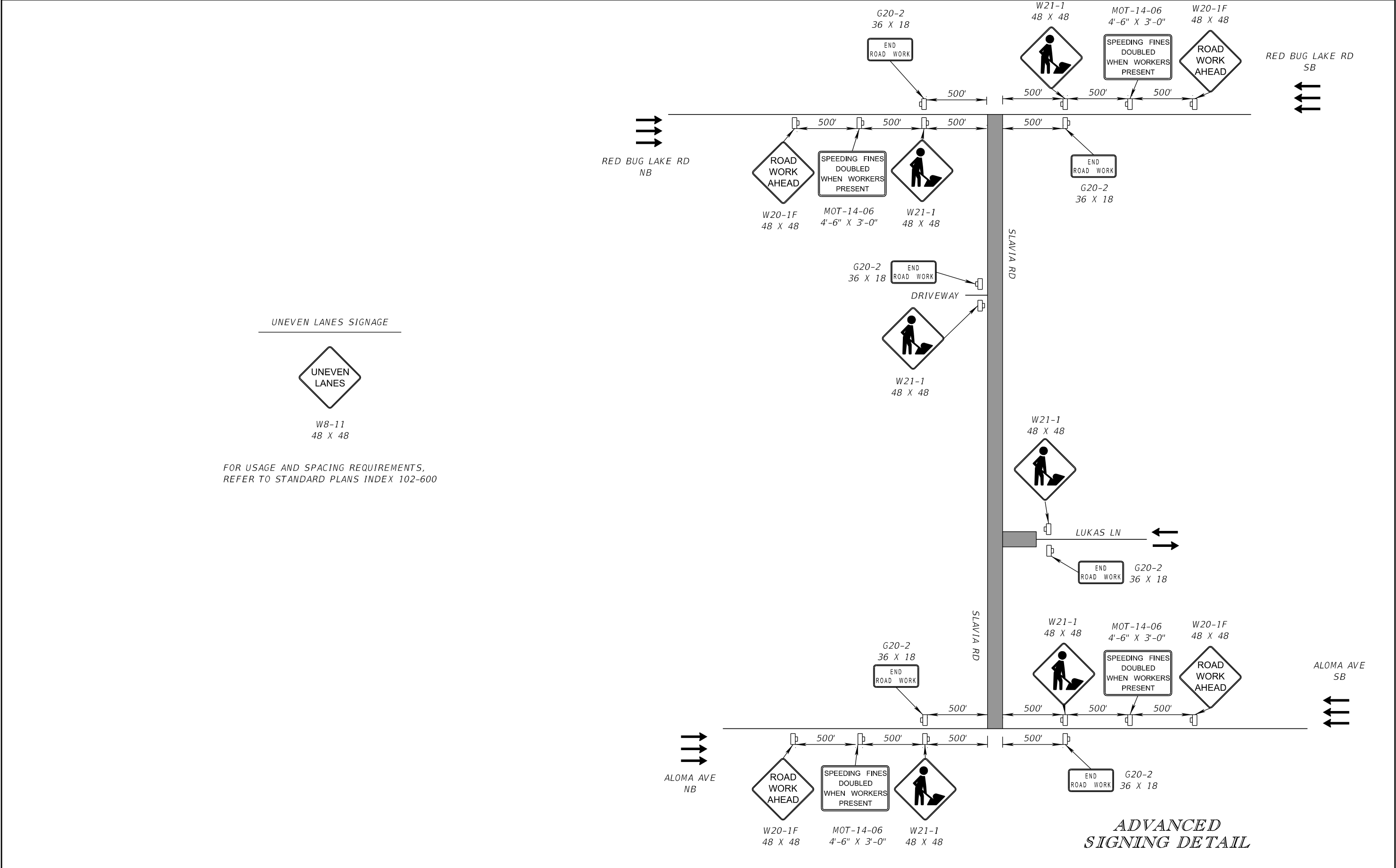


TEMPORARY PAVEMENT

TRAFFIC CONTROL GENERAL NOTES

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

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

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



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

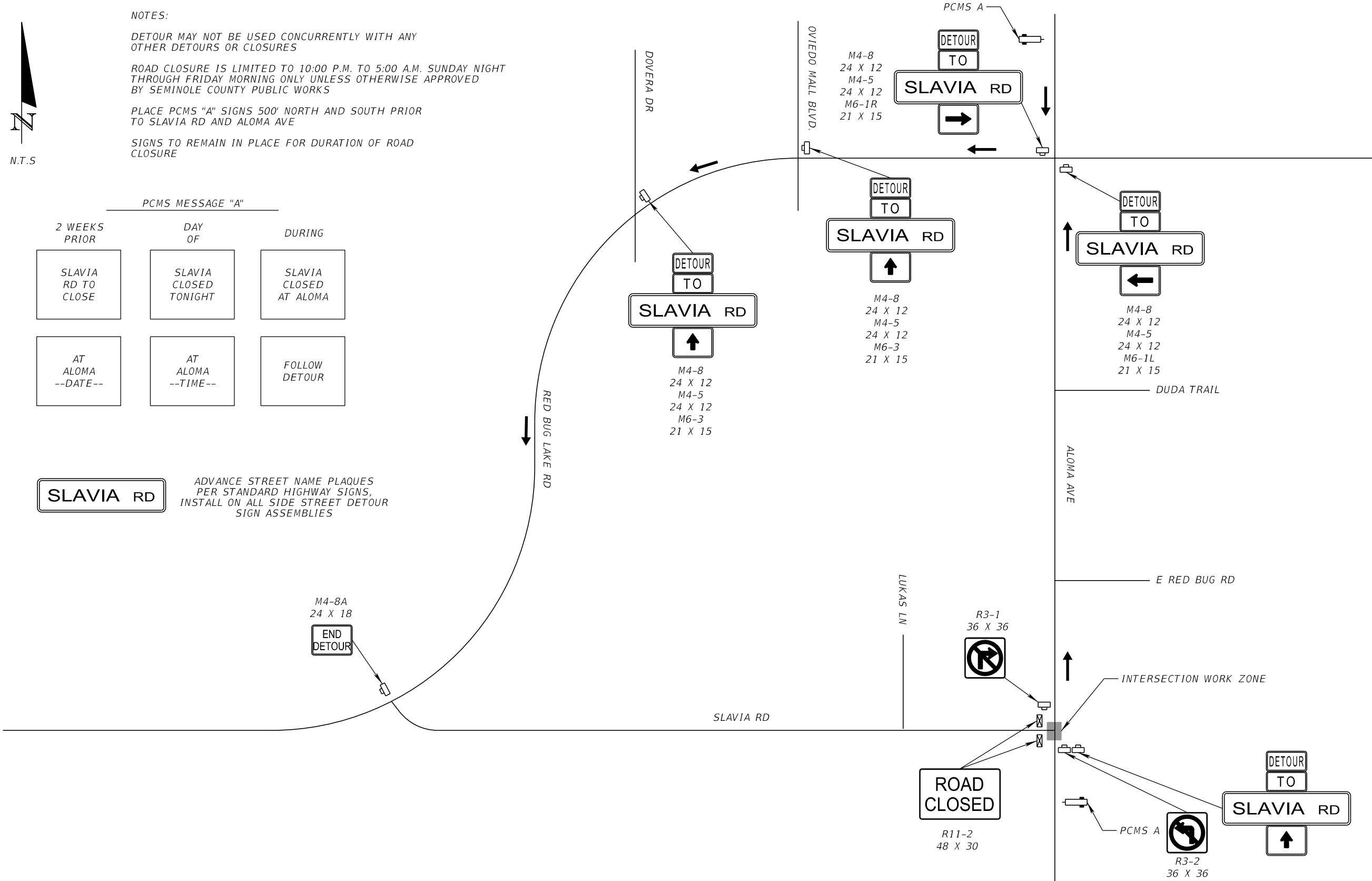
PLACE PCMS "A" SIGNS 500' NORTH AND SOUTH PRIOR TO SLAVIA RD AND ALOMA AVE

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.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                                   |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     | 01785146 |                                   | 113          |





NOTES:

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

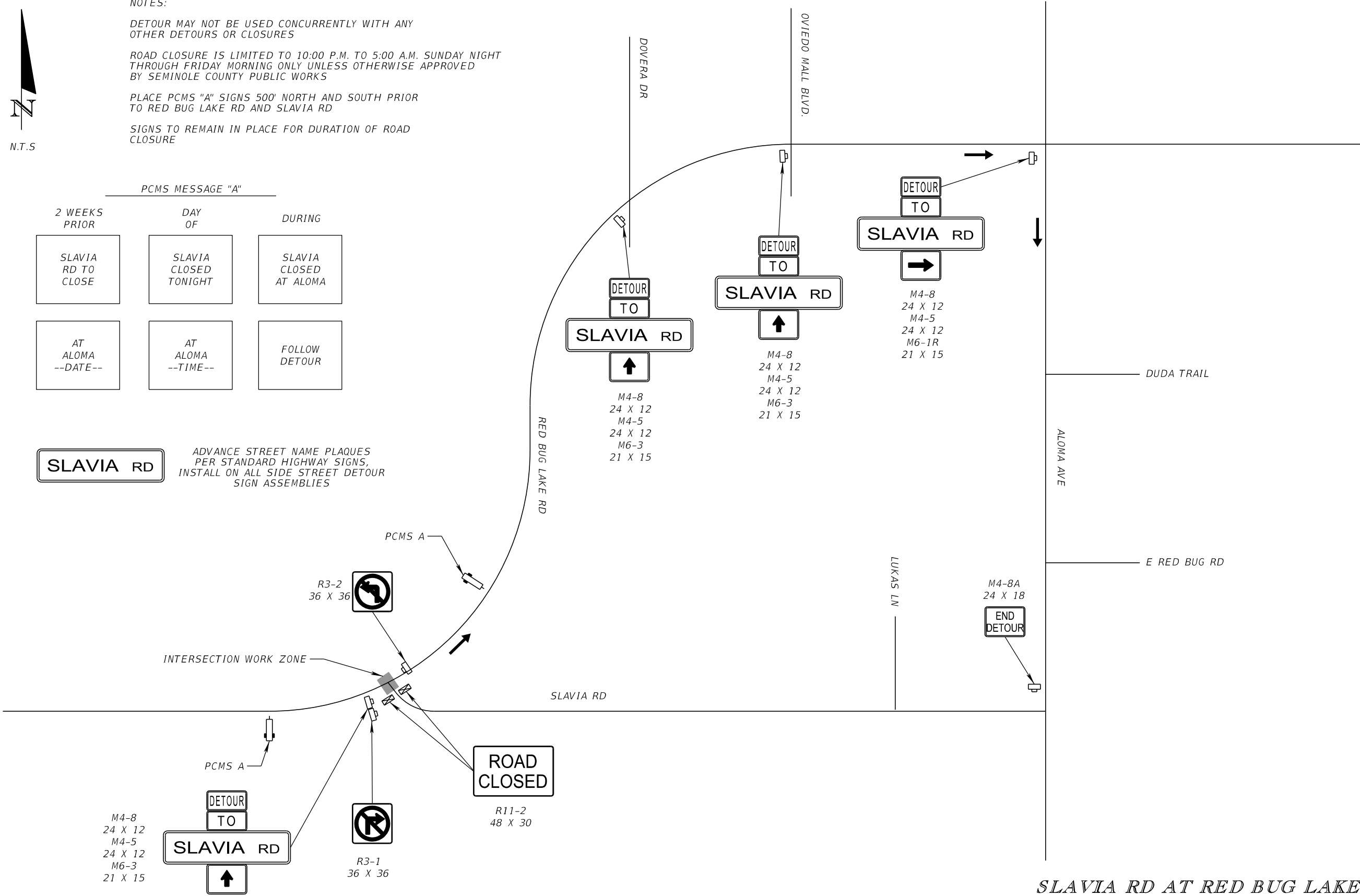
ROAD CLOSURE IS LIMITED TO 10:00 P.M. TO 5:00 A.M. SUNDAY NIGHT THROUGH FRIDAY MORNING ONLY UNLESS OTHERWISE APPROVED BY SEMINOLE COUNTY PUBLIC WORKS

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          |

SLAVIA RD  
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.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SIGNALS GROUP |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO.<br><br>114 |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------|--|-------------------------|
| 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

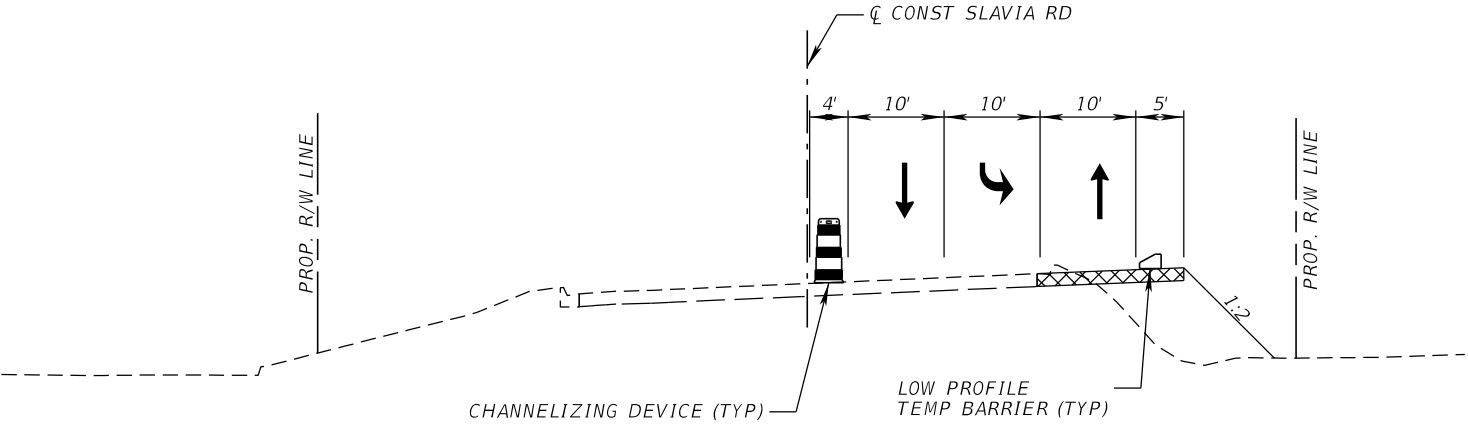
INSTALL EROSION CONTROL THROUGHOUT THE PROJECT LIMITS

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

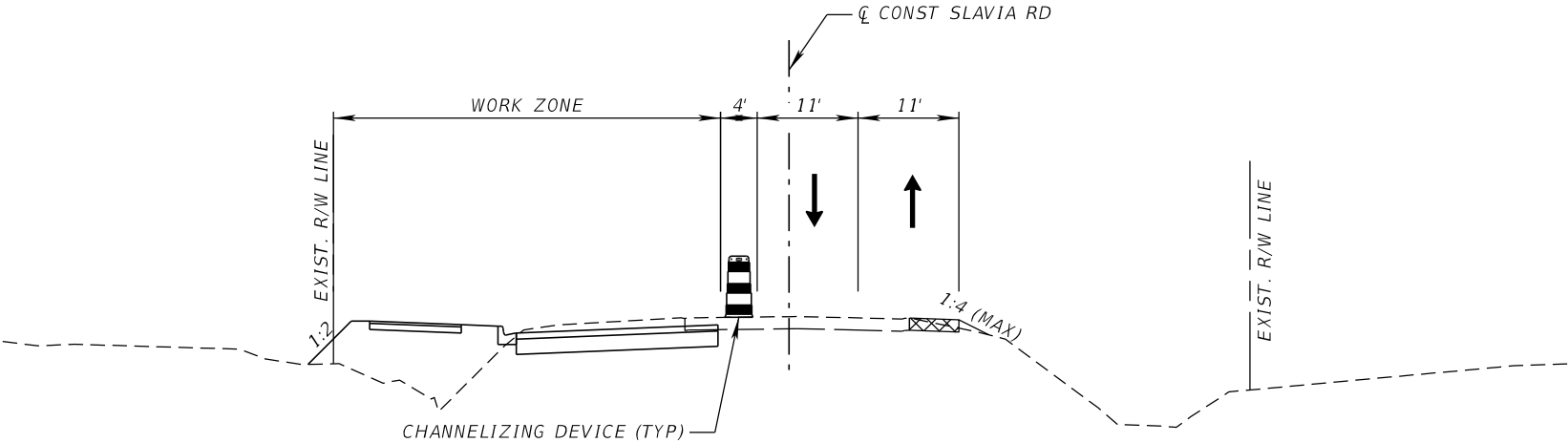
PHASE I-B

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 RED BUG LAKE RD



PHASE I-B  
SLAVIA RD

PHASE I-B

| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY<br><small>FLORIDA'S NORTHERN GEM</small> | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------|--------------|
| 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

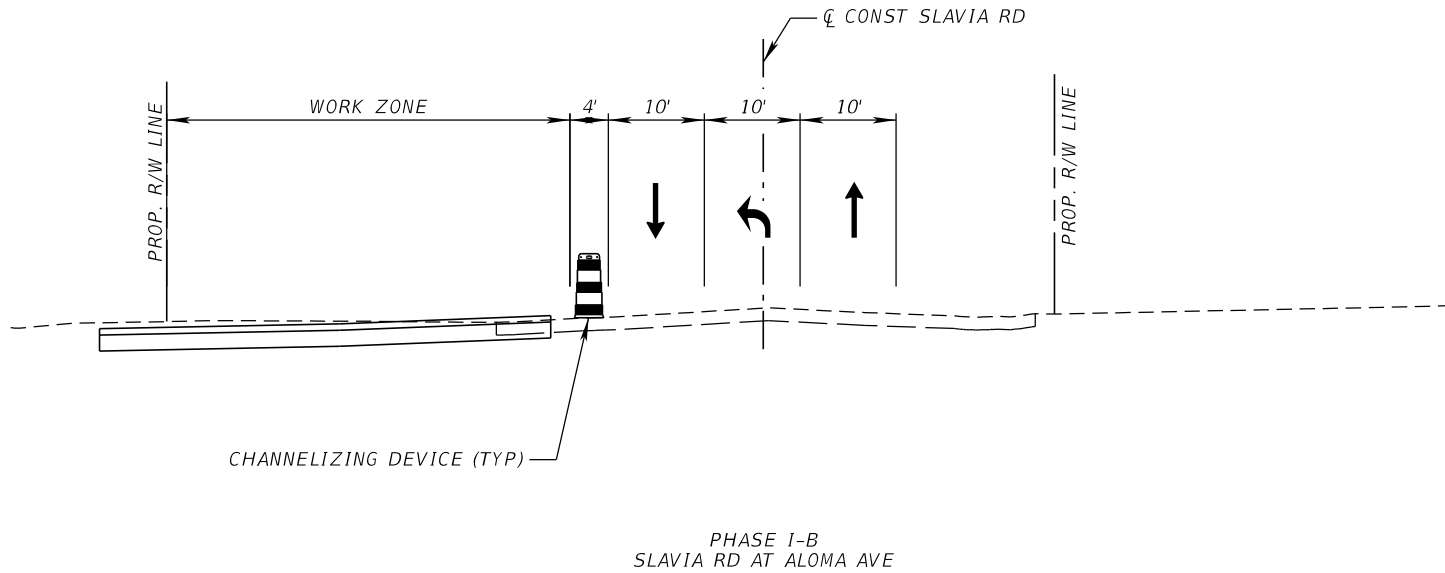
INSTALL EROSION CONTROL THROUGHOUT THE PROJECT LIMITS

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

PHASE I-B

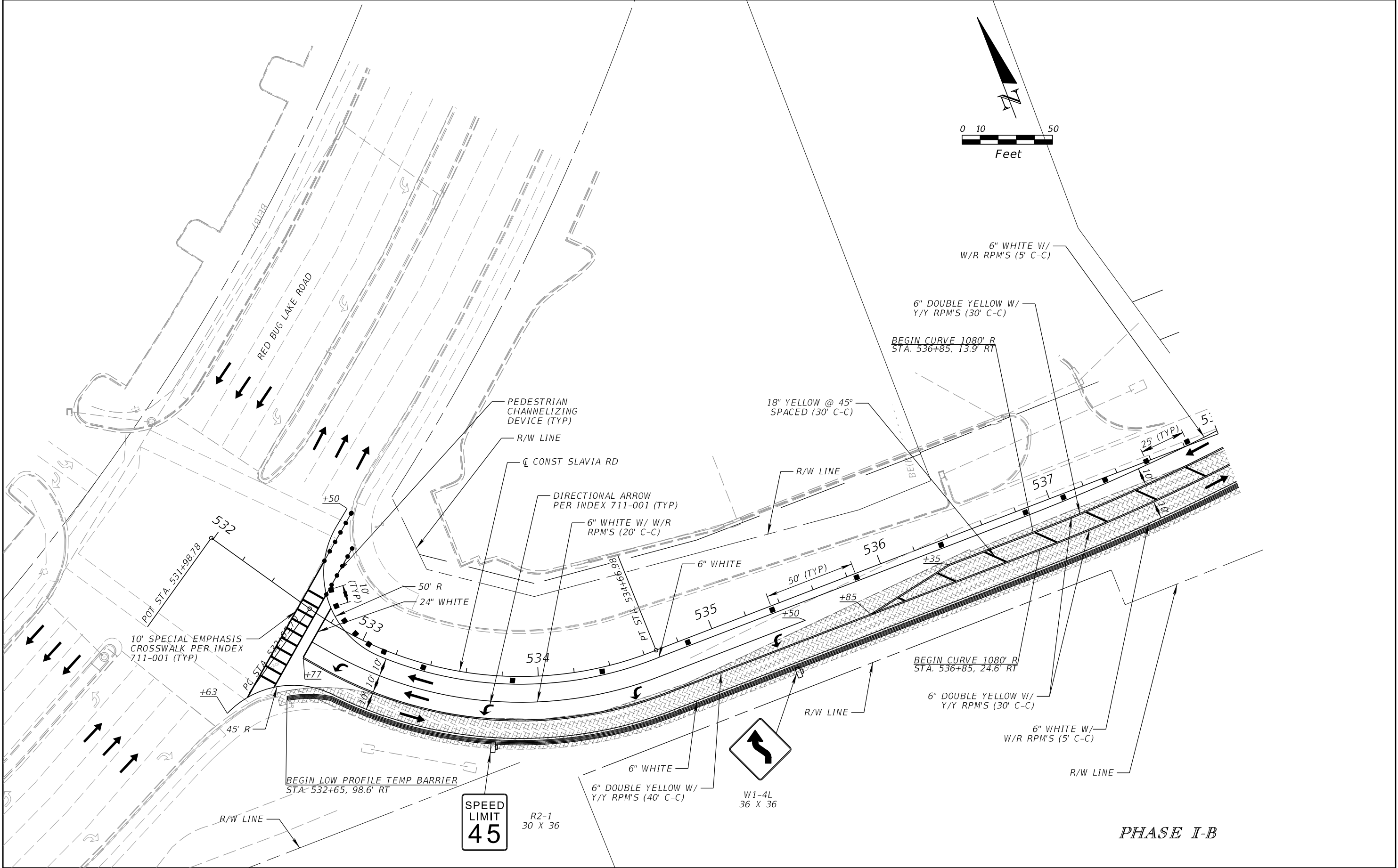
SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT CONSTRUCTED IN PHASE I-A

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

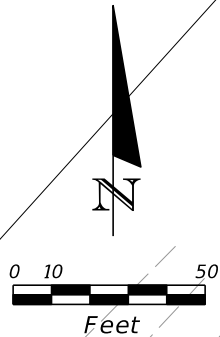
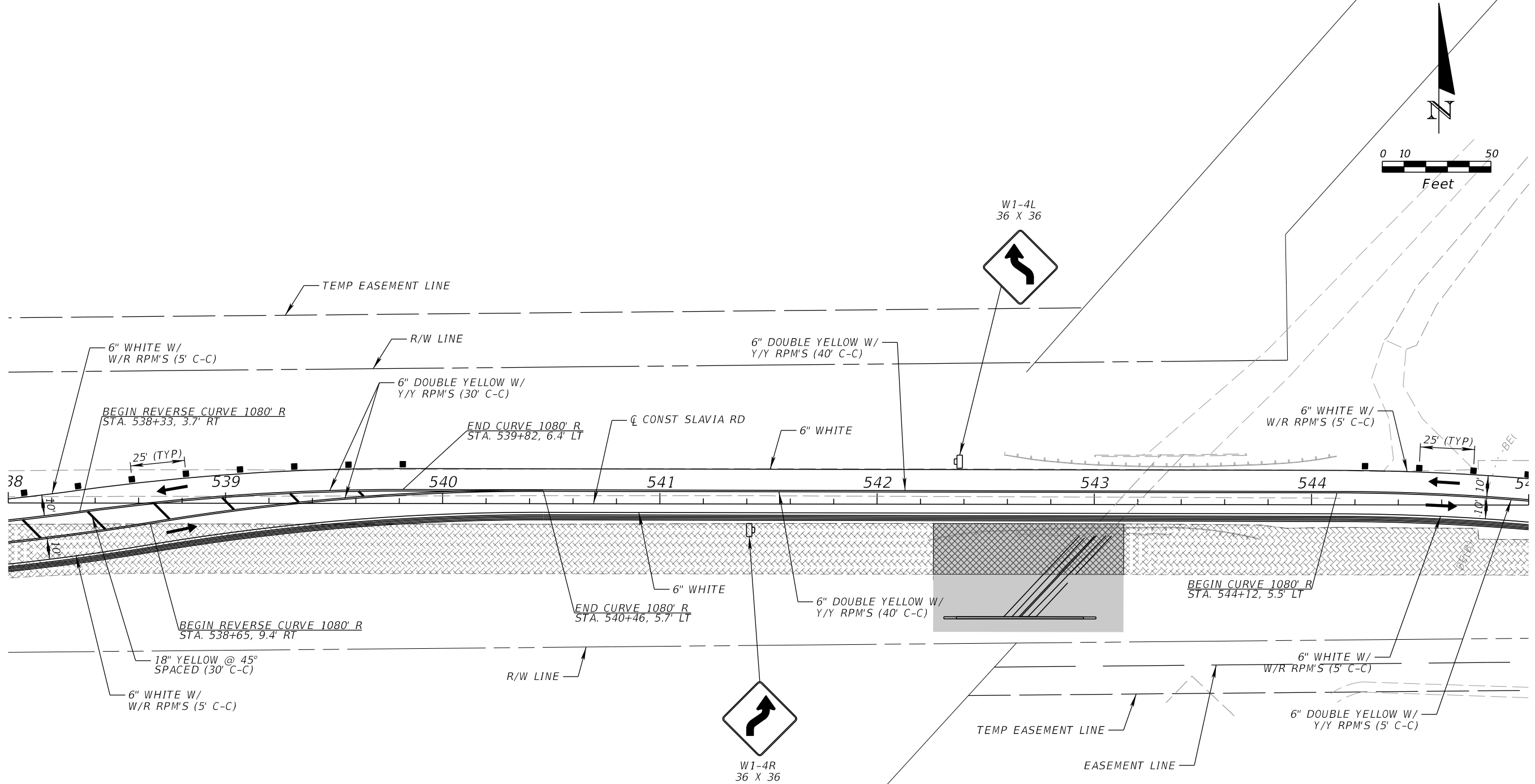
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY<br><small>FLORIDA'S NORTHERN GEM</small> | SEMINOLE COUNTY |                    | TEMPORARY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



PHASE I-B

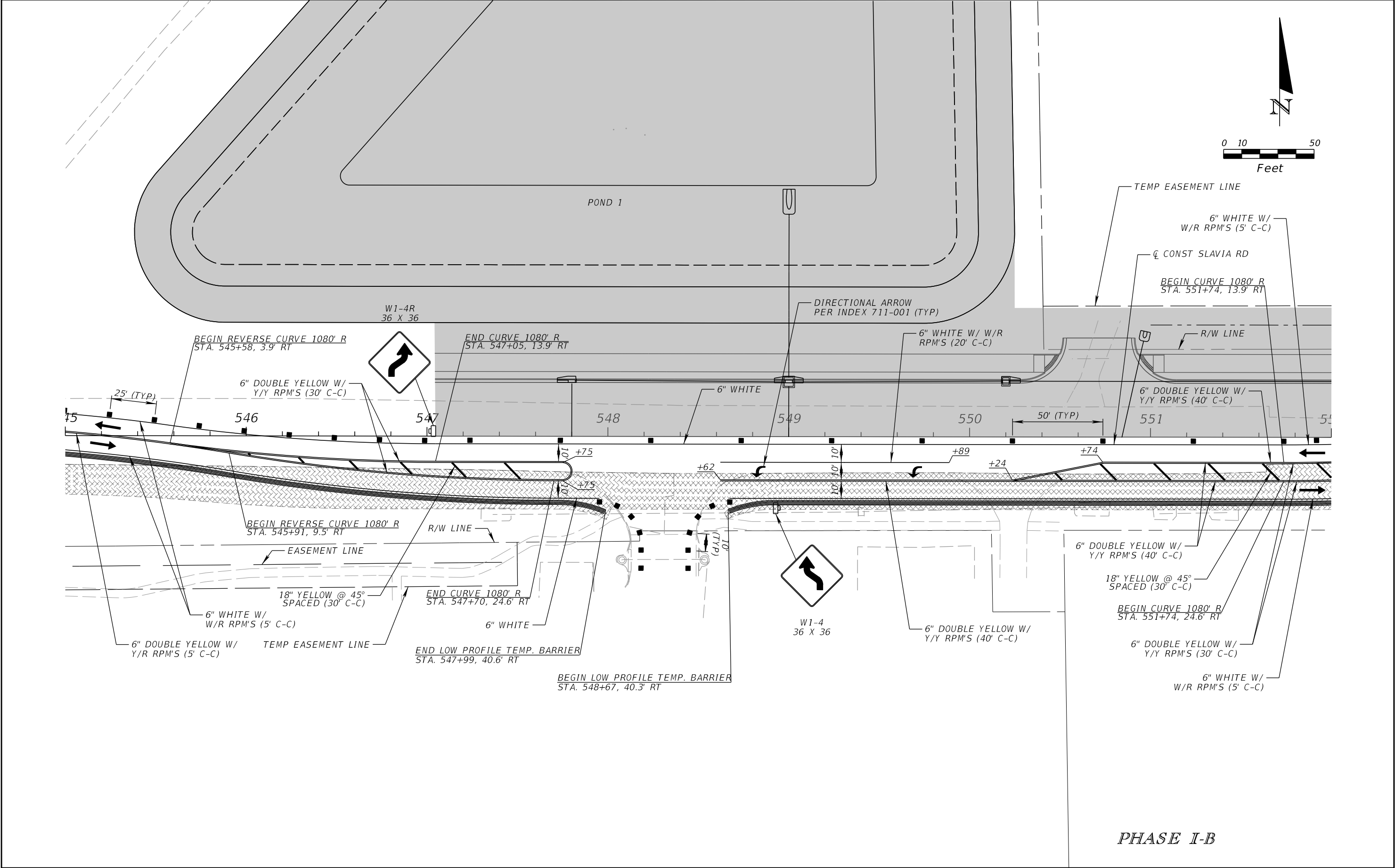
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>SEMINOLE COUNTY<br>TRAFFIC SIGNALS DIVISION |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO.<br><br>117 |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------|----------|-----------------------------------|--|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                                           | COUNTY PROJECT NO. | CIP NO.  |                                   |  |                         |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                         | PS-2552-19/GCM     | 01785146 |                                   |  |                         |

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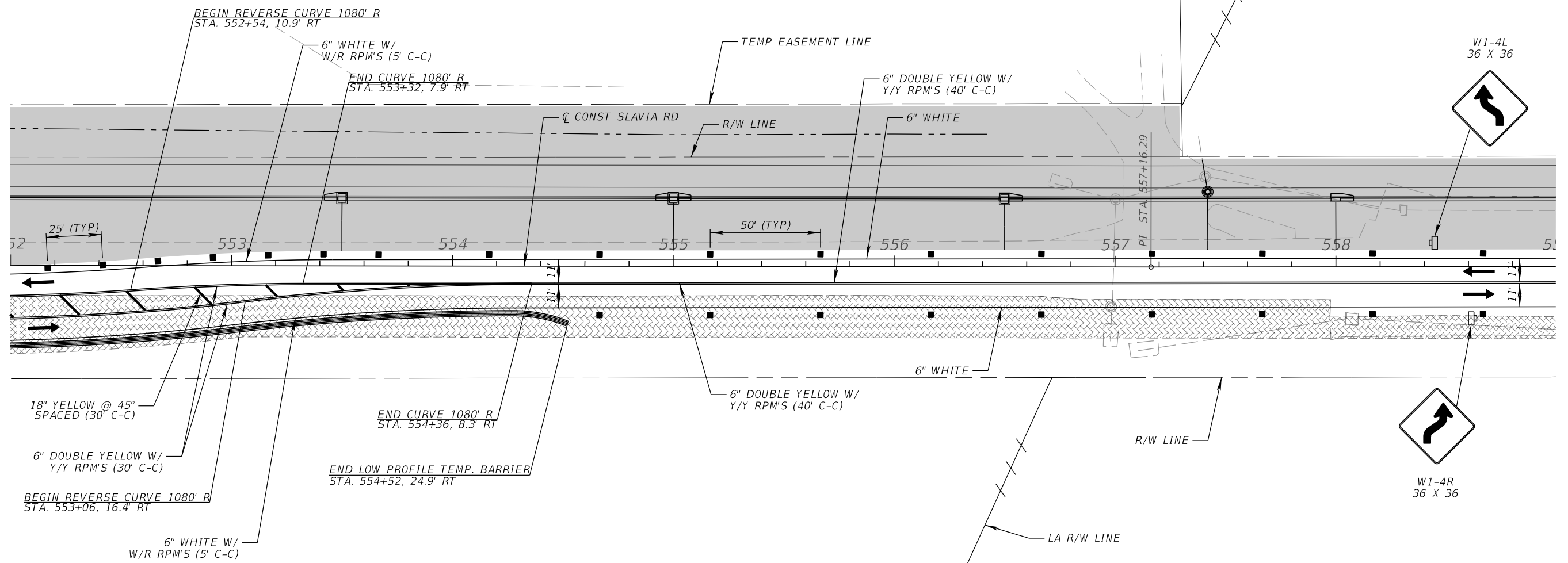
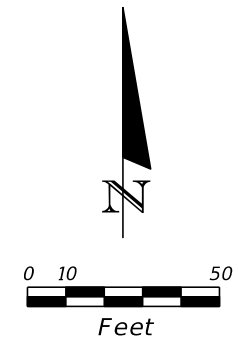


PHASE I-B

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

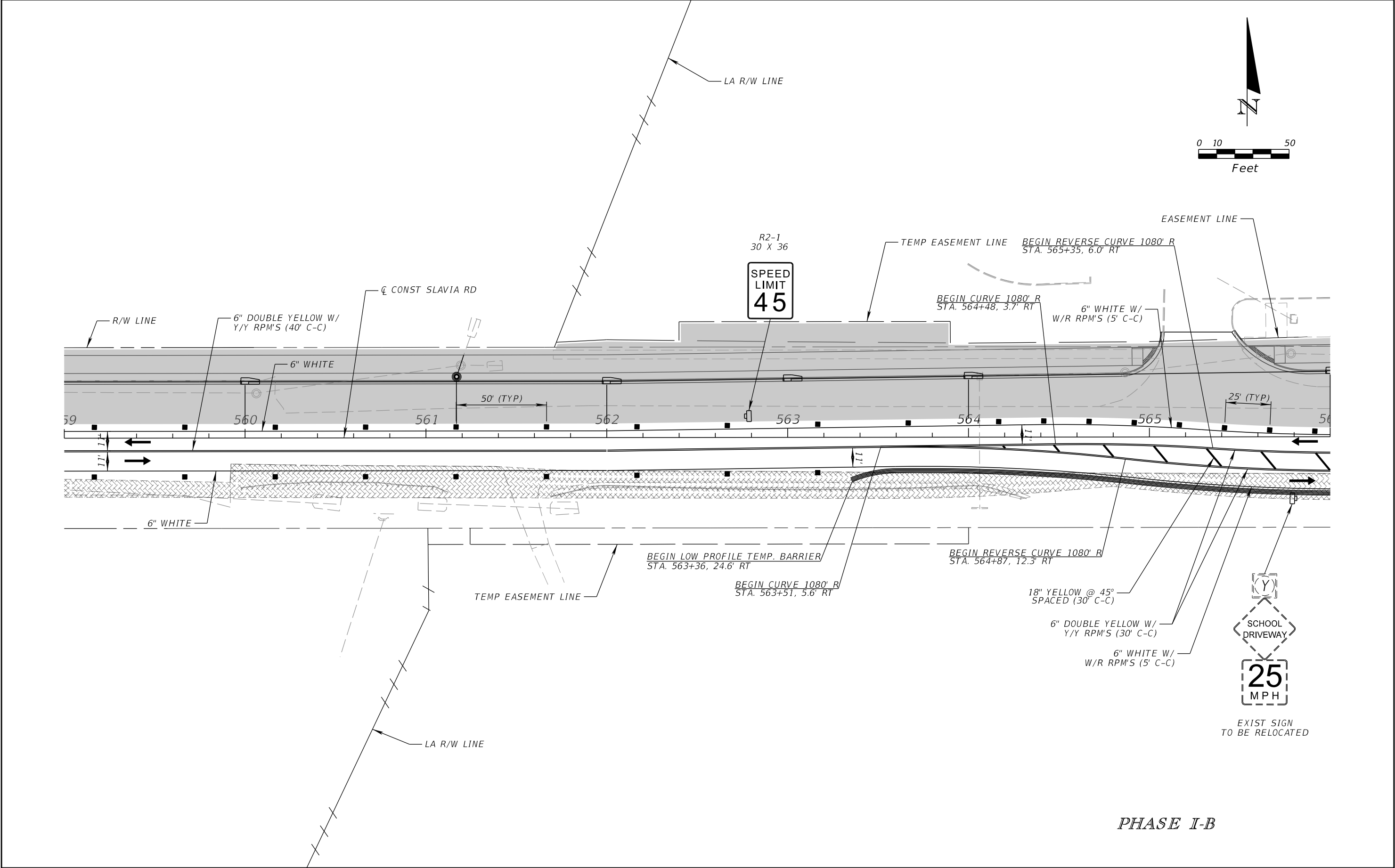


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. |                                   |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     | 01785146                          | 119          |



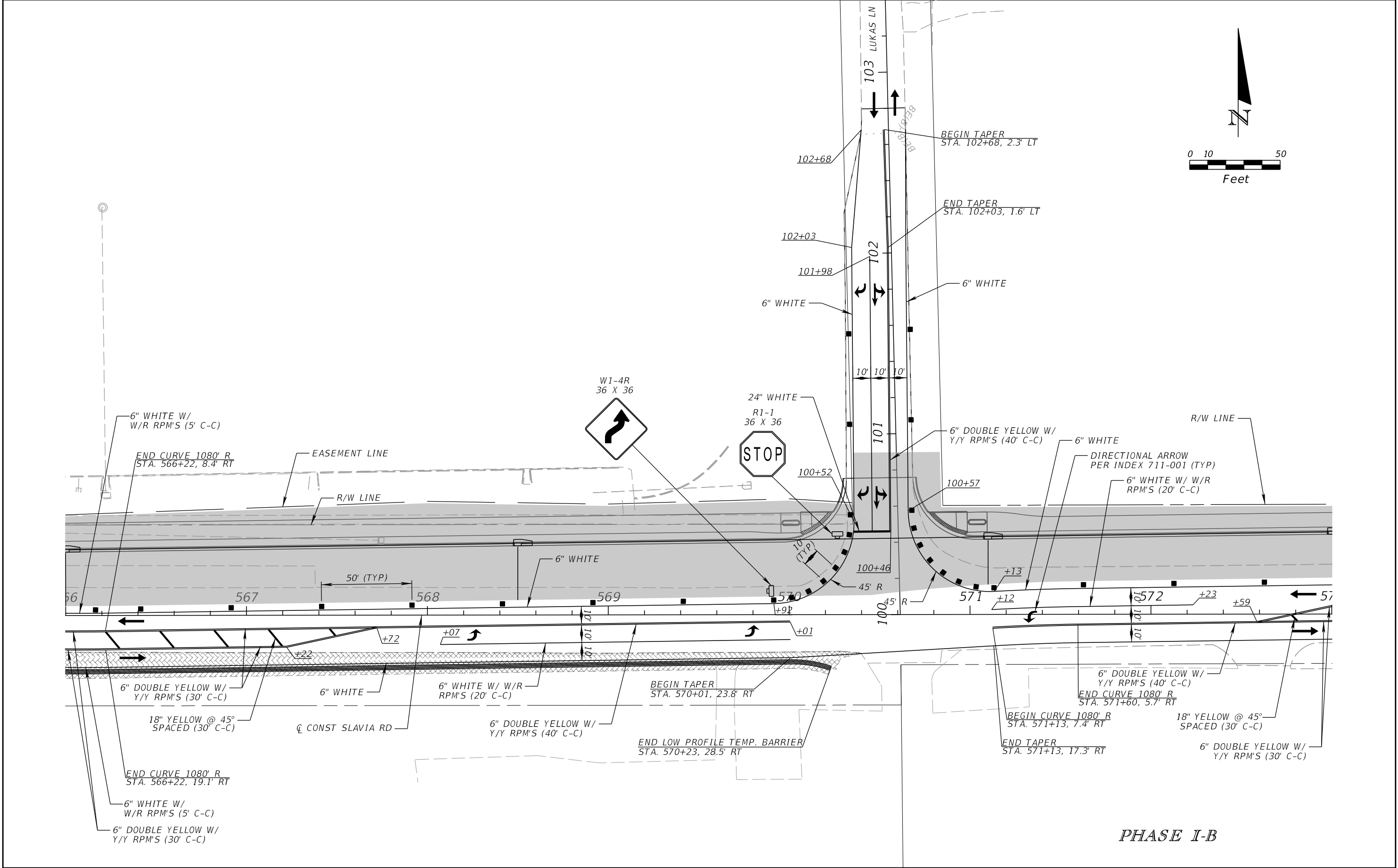
PHASE I-B

| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><div>SEMINOLE COUNTY<br/><small>FLORIDA'S NORTHERN GEM</small></div></div><div>SEMINOLE COUNTY</div></div> <table><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 | <div>TEMPORARY TRAFFIC<br/>CONTROL PLAN</div> |  | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|--------------------|---------|--------|----------------|----------|-----------------------------------------------|--|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                            |  |  |      |                    |         |        |                |          |                                               |  |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                            |  |  |      |                    |         |        |                |          |                                               |  |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION |                                                                                                                                            | 120                                                                                                                                                                                                                                                                                                                                                        |  |  |      |                    |         |        |                |          |                                               |  |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                            |  |  |      |                    |         |        |                |          |                                               |  |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                            |  |  |      |                    |         |        |                |          |                                               |  |              |

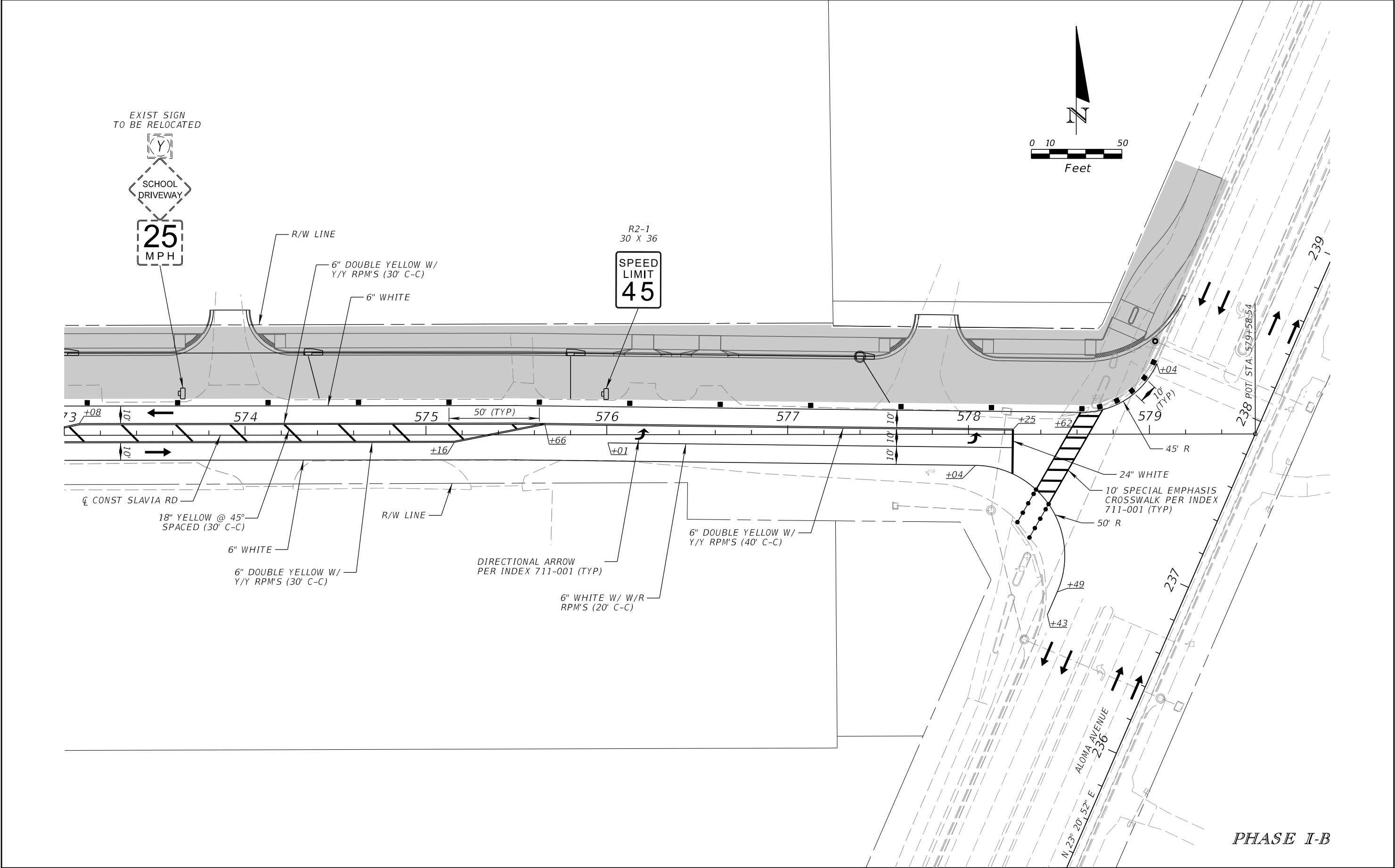


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------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



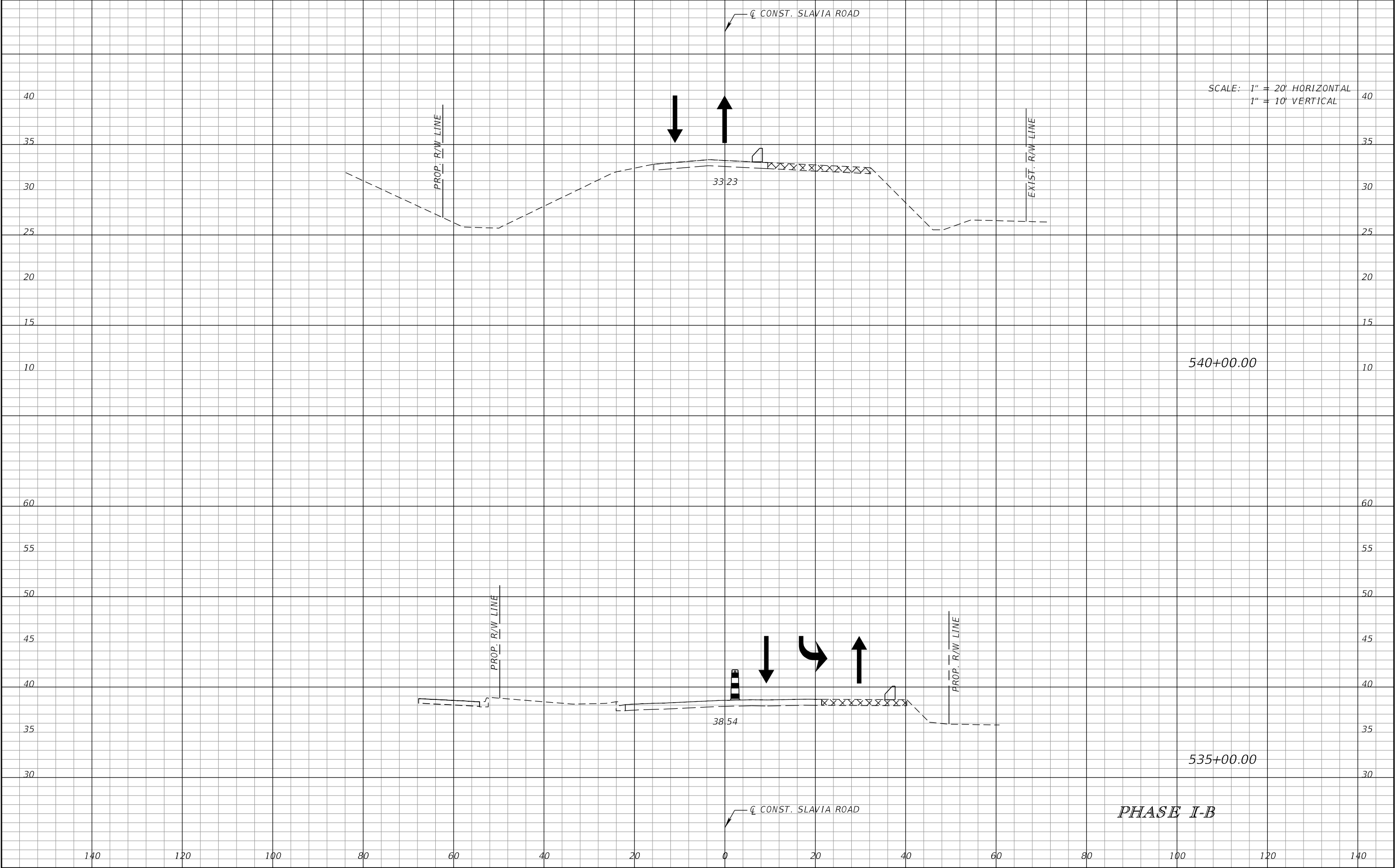


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div></div><div>SEMINOLE COUNTY</div></div> |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                       |                    |                                   |              |
|           |             |      |             |                                                                                                                                            | ROAD                                                                                                                                  | COUNTY PROJECT NO. | CIP NO.                           |              |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                                                | PS-2552-19/GCM     | 01785146                          | 122          |

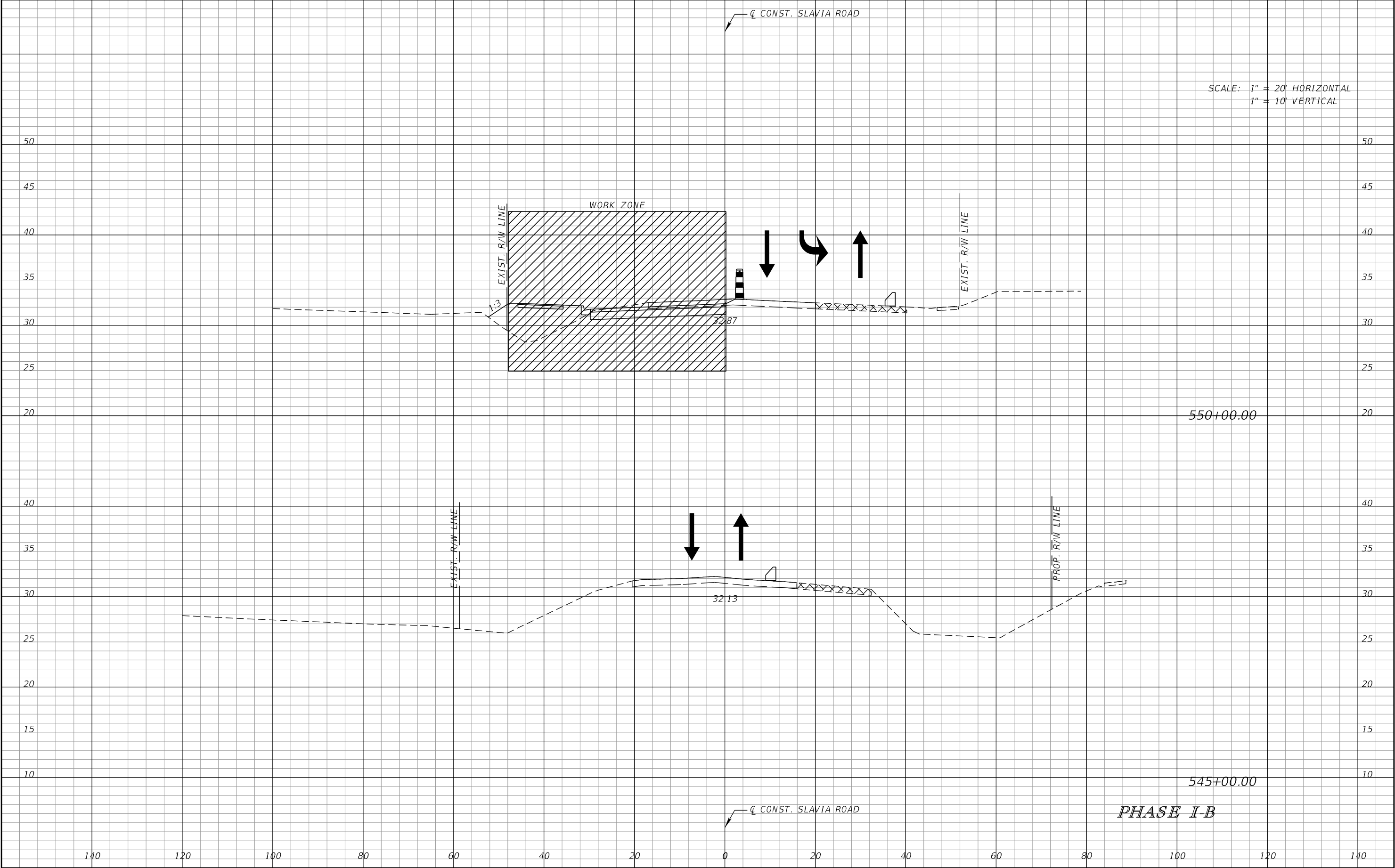


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. |                                   |  |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     |                                   |  | 123          |

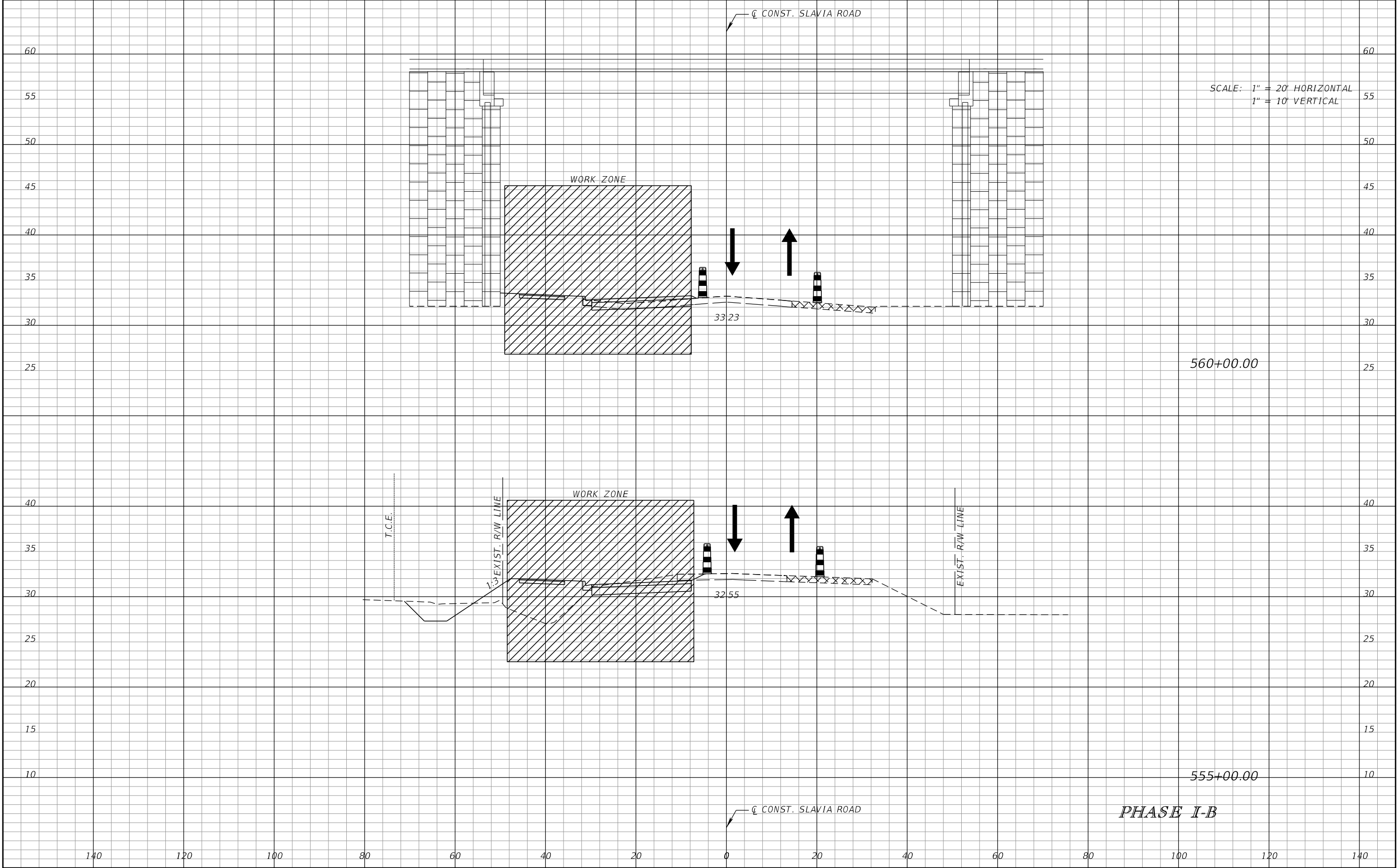




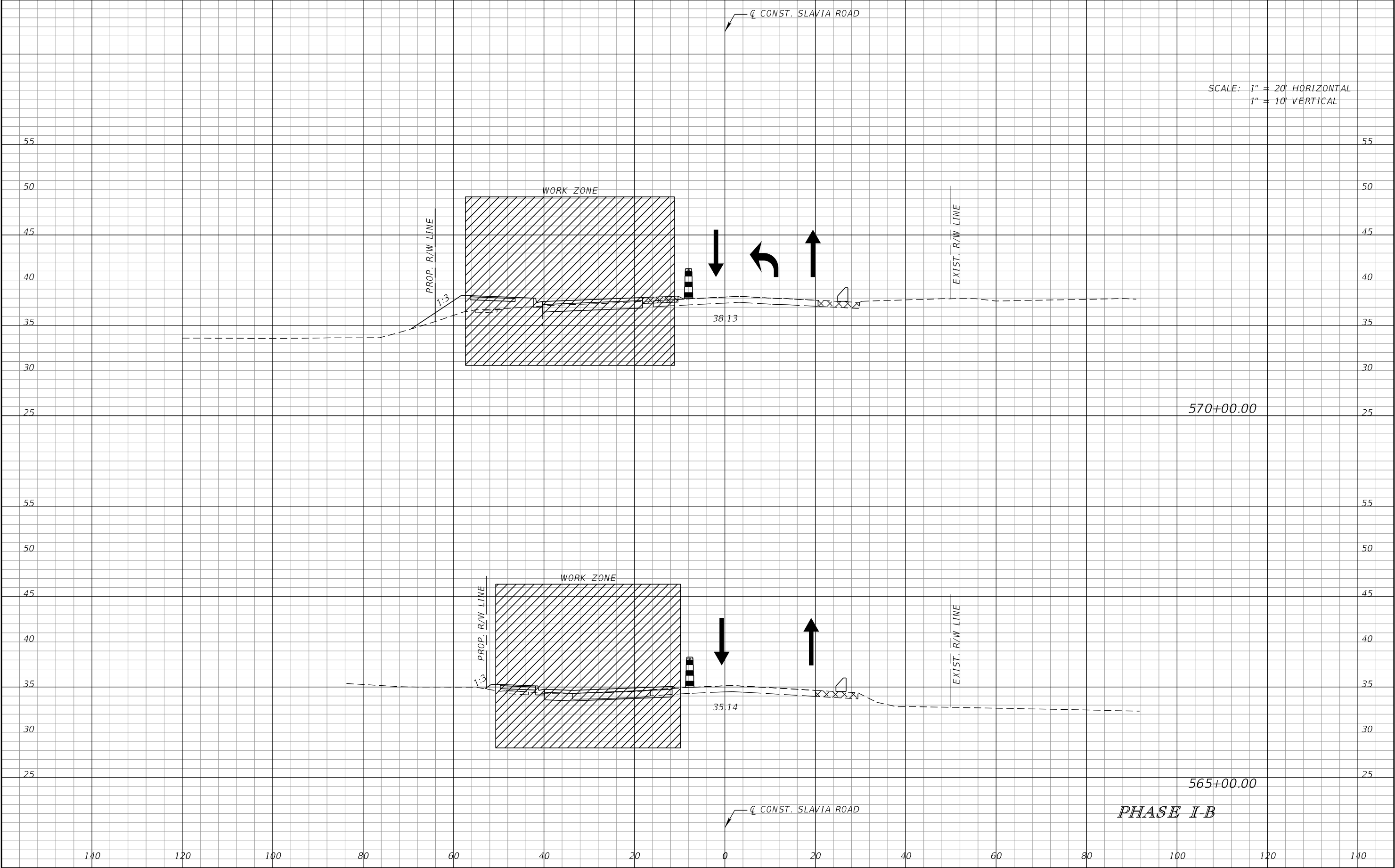
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>SEMINOLE COUNTY<br>TRAFFIC SIGNAL CENTER |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------|----------|-----------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                                        | COUNTY PROJECT NO. | CIP NO.  |                                   |  |              |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                      | PS-2552-19/GCM     | 01785146 |                                   |  | 124          |



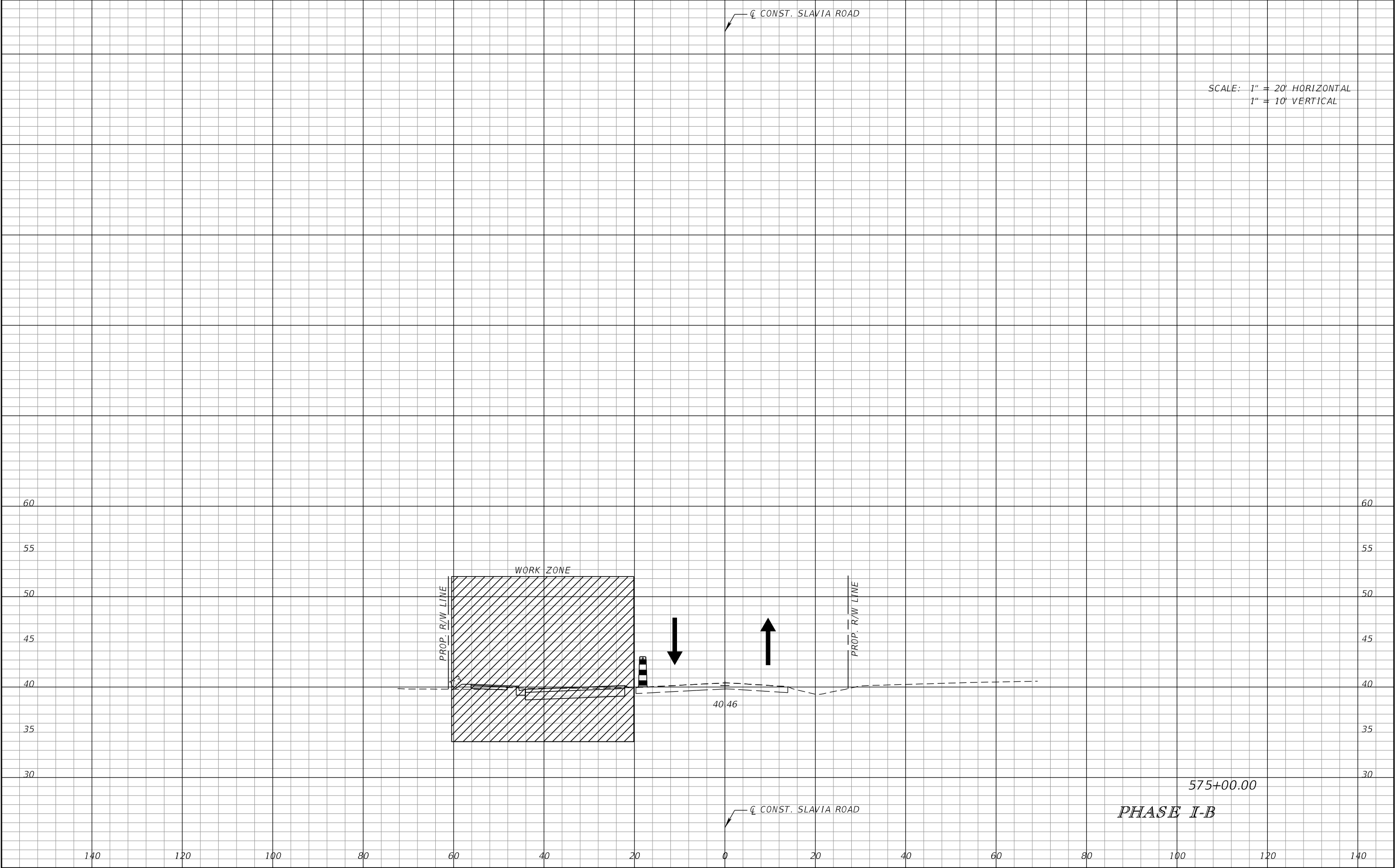
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROAD</div></div> <div><div>COUNTY PROJECT NO.</div>PS-2552-19/GCM</div> <div><div>CIP NO.</div>01785146</div> | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                                                        |                                   |              |
|           |             |      |             |                                                                                                                                            |                                                                                                                                                                                                                                        |                                   | 125          |



| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div></div><div>SEMINOLE COUNTY</div></div> <table><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 | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|-----------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION | 126                                                                                                                                        |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |



| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SIGNAL CENTER |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|-----------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                   |  |              |
|           |             |      |             |                                                                                                                                            | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                   |  | 127          |



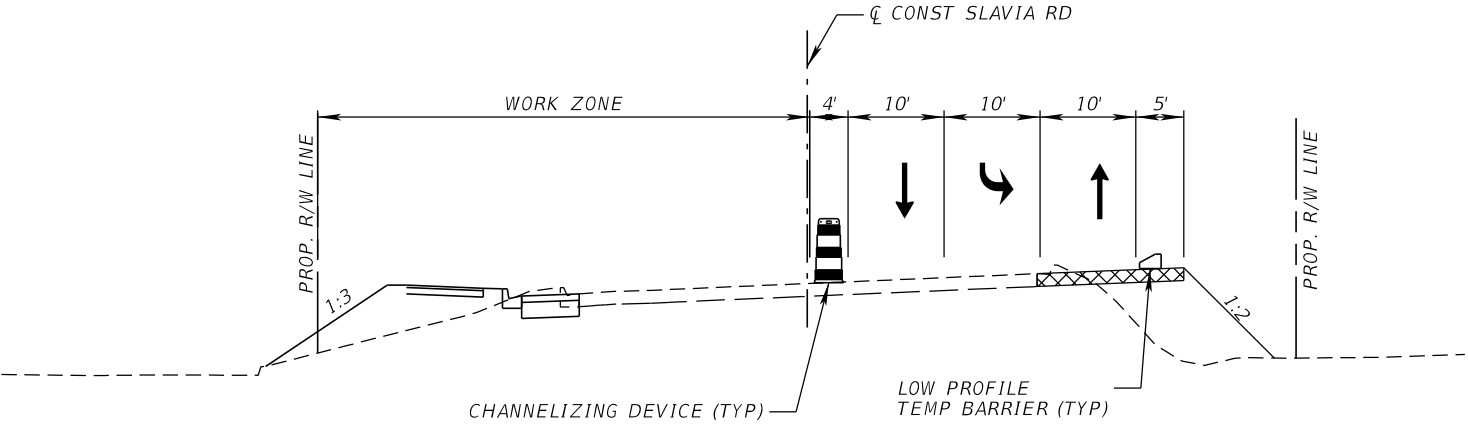
| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div></div><div>SEMINOLE COUNTY</div></div> <table><tr><th>ROAD</th><th>COUNTY PROJECT NO.</th>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

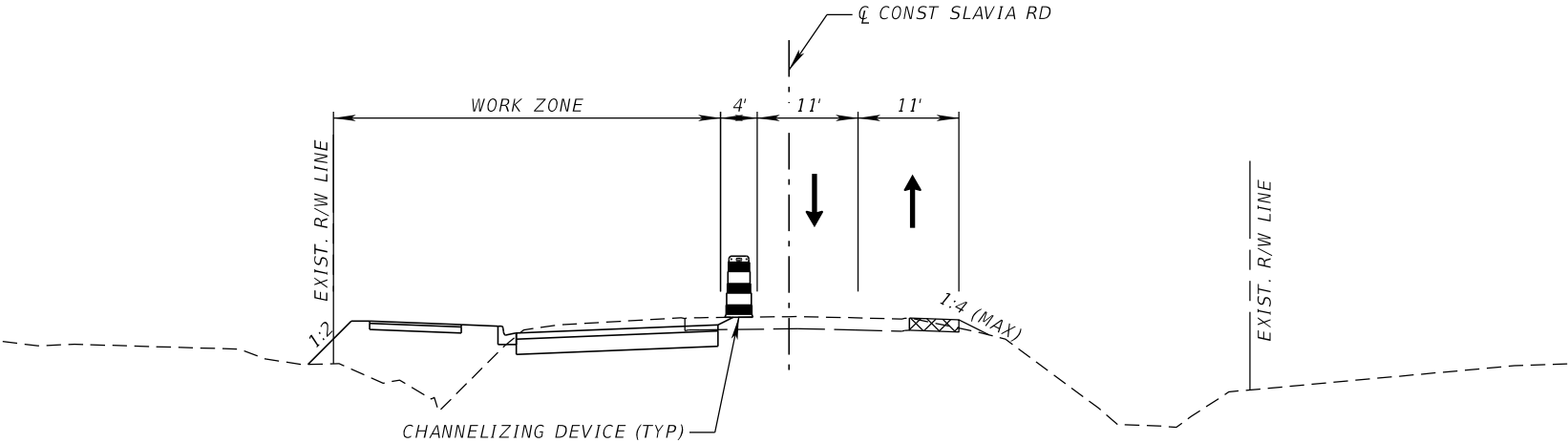
PHASE I-C

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

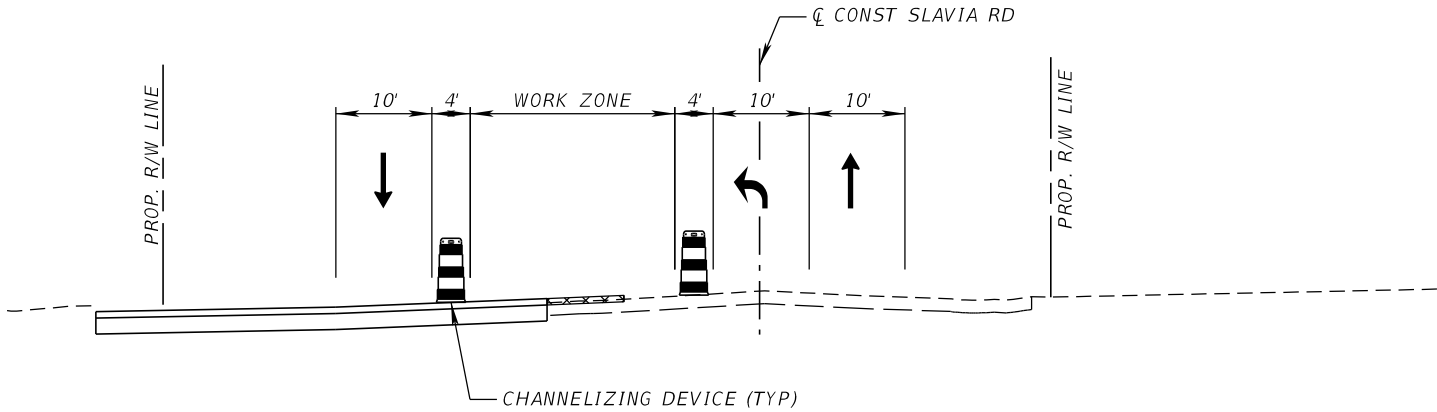


PHASE NOTES:

PHASE I-C

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

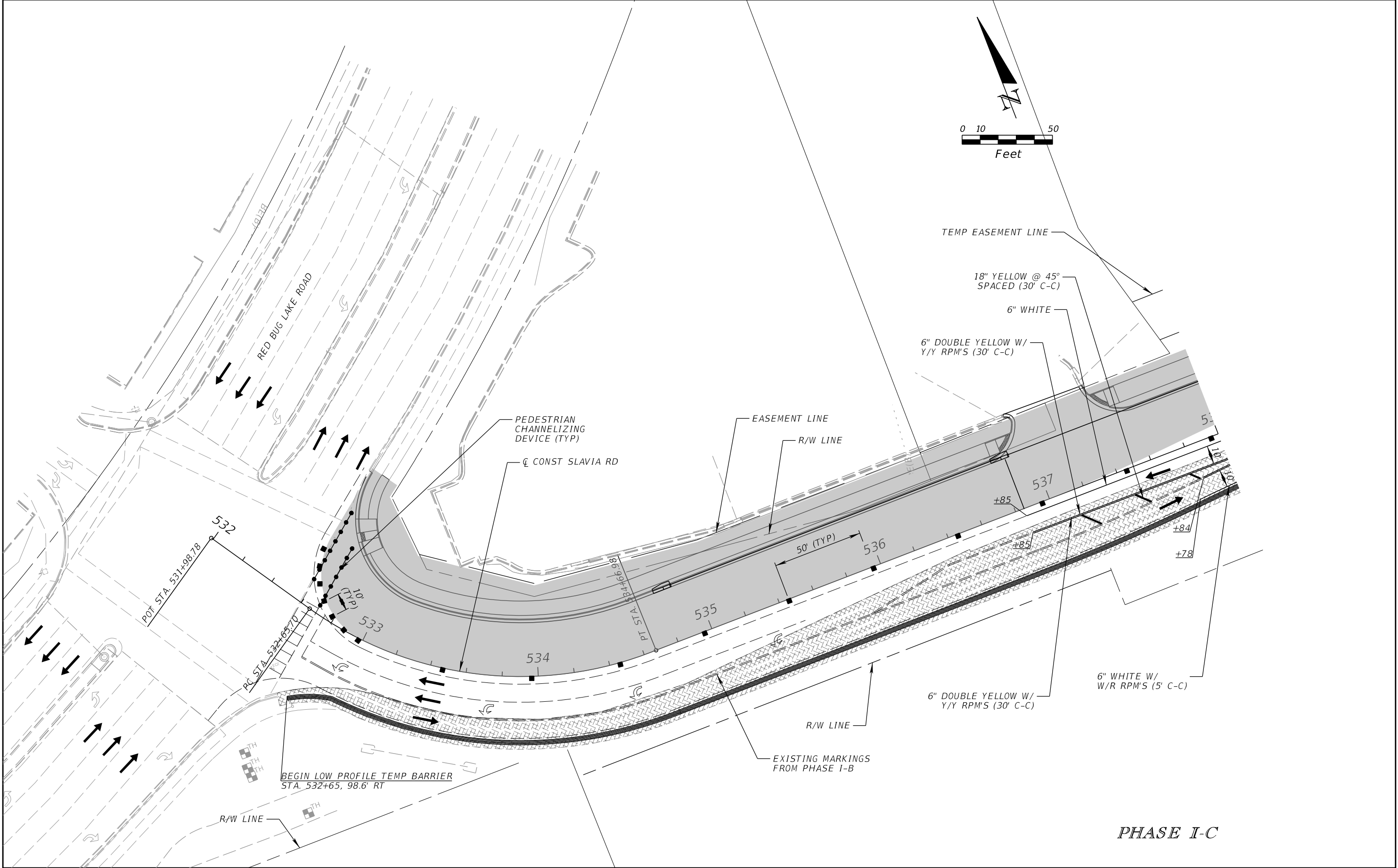
CONSTRUCT PROPOSED ROADWAY AND DRAINAGE  
ON WB SLAVIA RD AFTER STA. 547+00AS SHOWN  
ON ON THE TRAFFIC CONTROL TYPICAL SECTIONS  
AND APPLICABLE PLAN SHEETS.



PHASE I-C  
SLAVIA RD AT ALOMA AVE

PHASE I-C

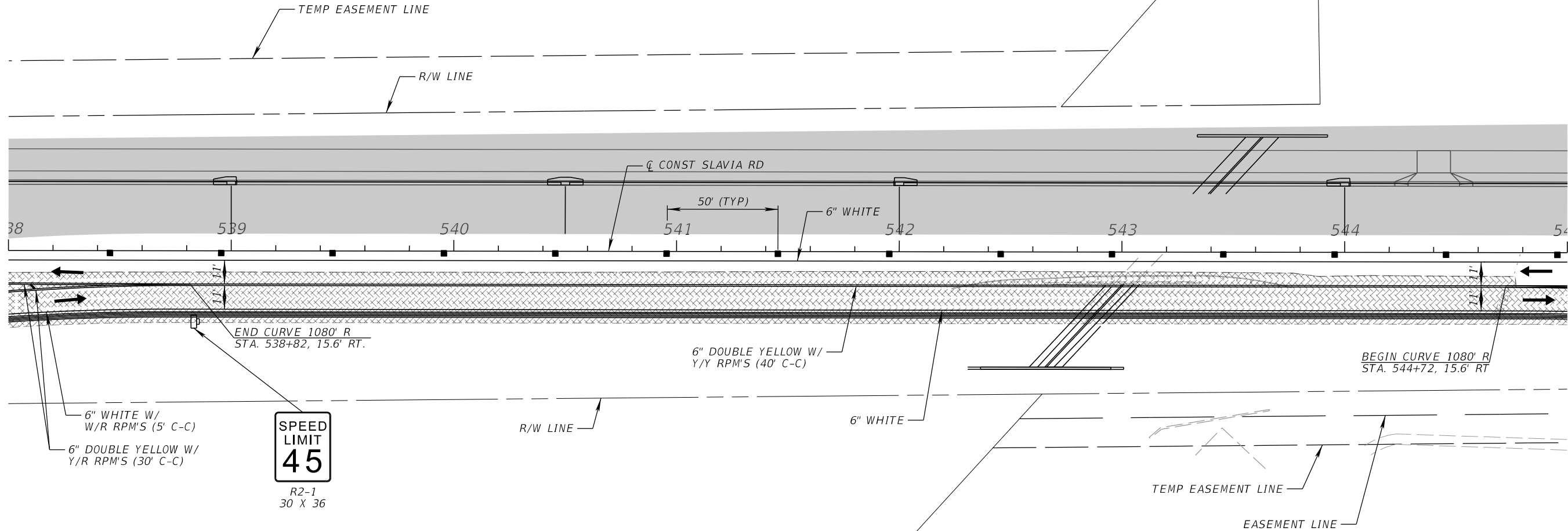
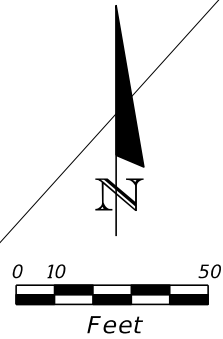
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> |  |  | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                           |  |  |                                   |              |
|           |             |      |             |                                                                                                                                            |                                                                                                                                                                                                           |  |  |                                   | 130          |



| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>SEMINOLE COUNTY</div></div> <table><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 | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|-----------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                       |      |                    |         |        |                |          |                                   |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                       |      |                    |         |        |                |          |                                   |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                                                                                                                       | 131  |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                       |      |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                       |      |                    |         |        |                |          |                                   |              |

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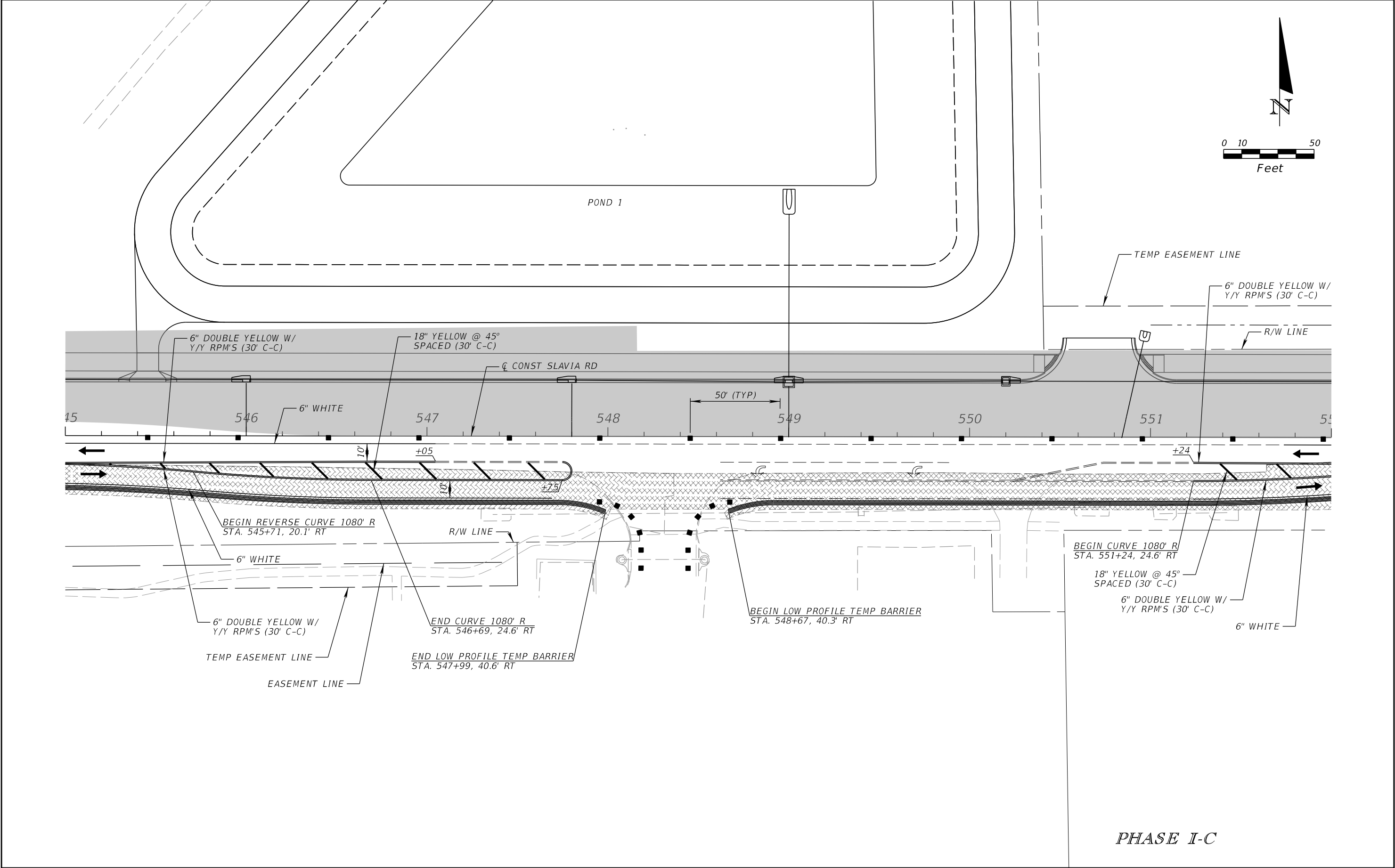


SPEED  
LIMIT  
45  
R2-1  
30 X 36

PHASE I-C

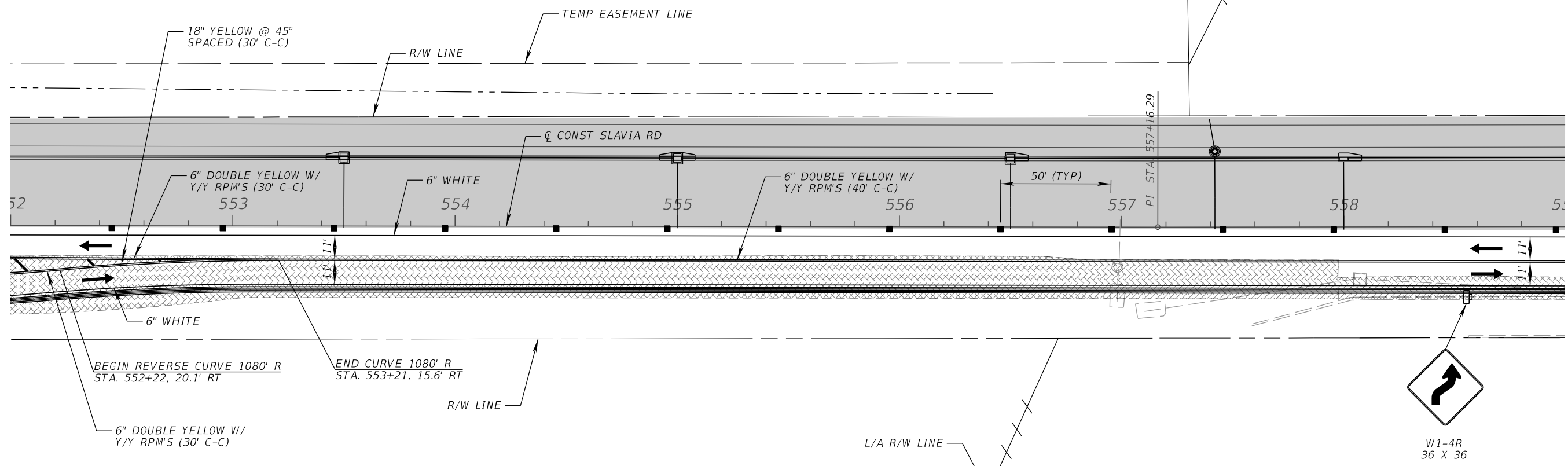
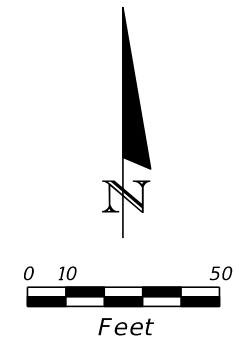
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY<br><small>FLORIDA'S NATURE CLASS</small> | SEMINOLE COUNTY |                    | TEMPORARY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

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| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div></div><div>SEMINOLE COUNTY</div></div> <table><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 | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|-----------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION | 133                                                                                                                                        |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                        |      |                    |         |        |                |          |                                   |              |

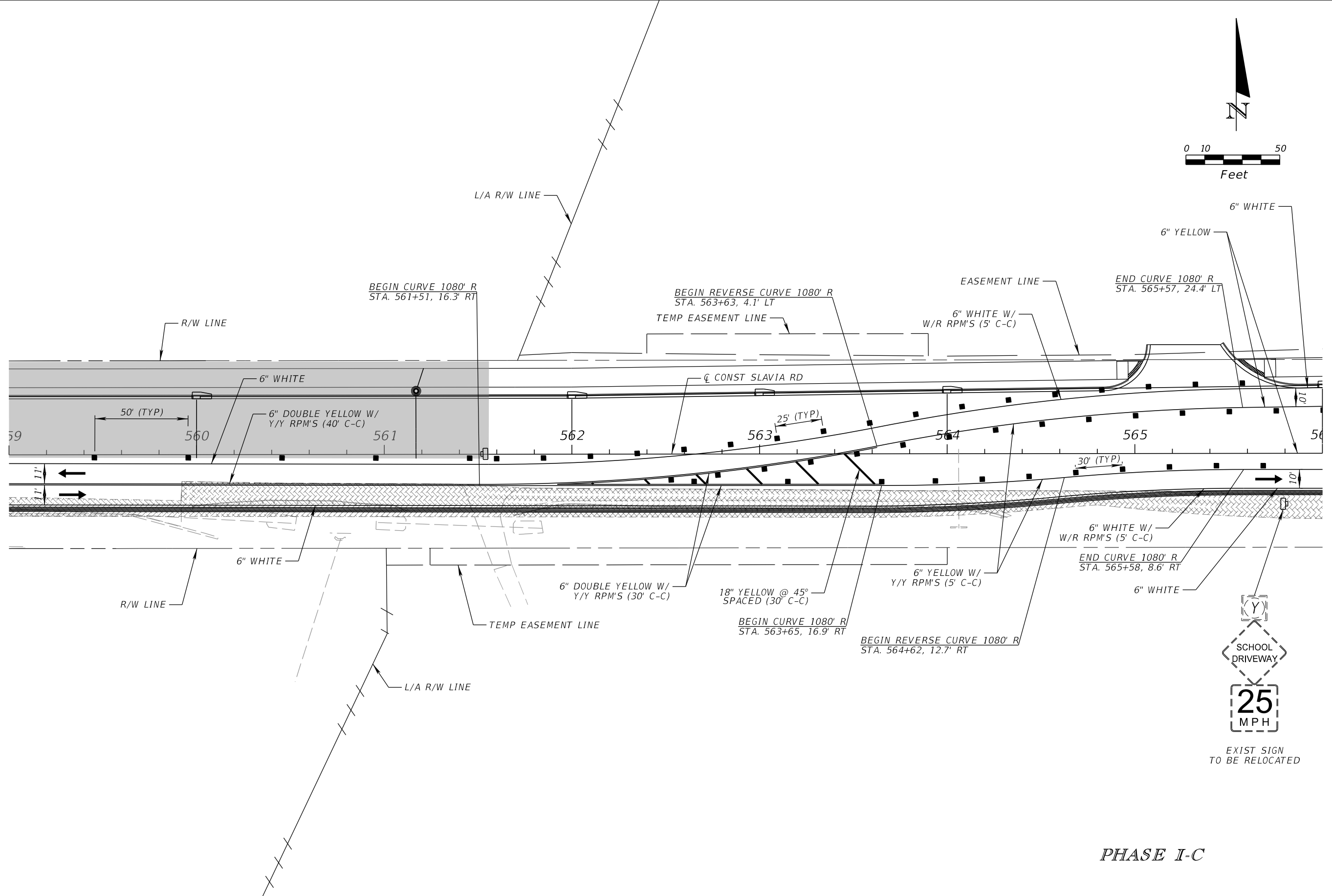
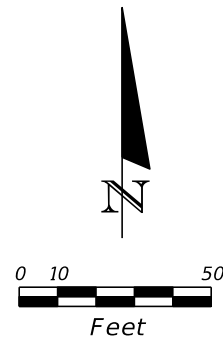
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PHASE I-C

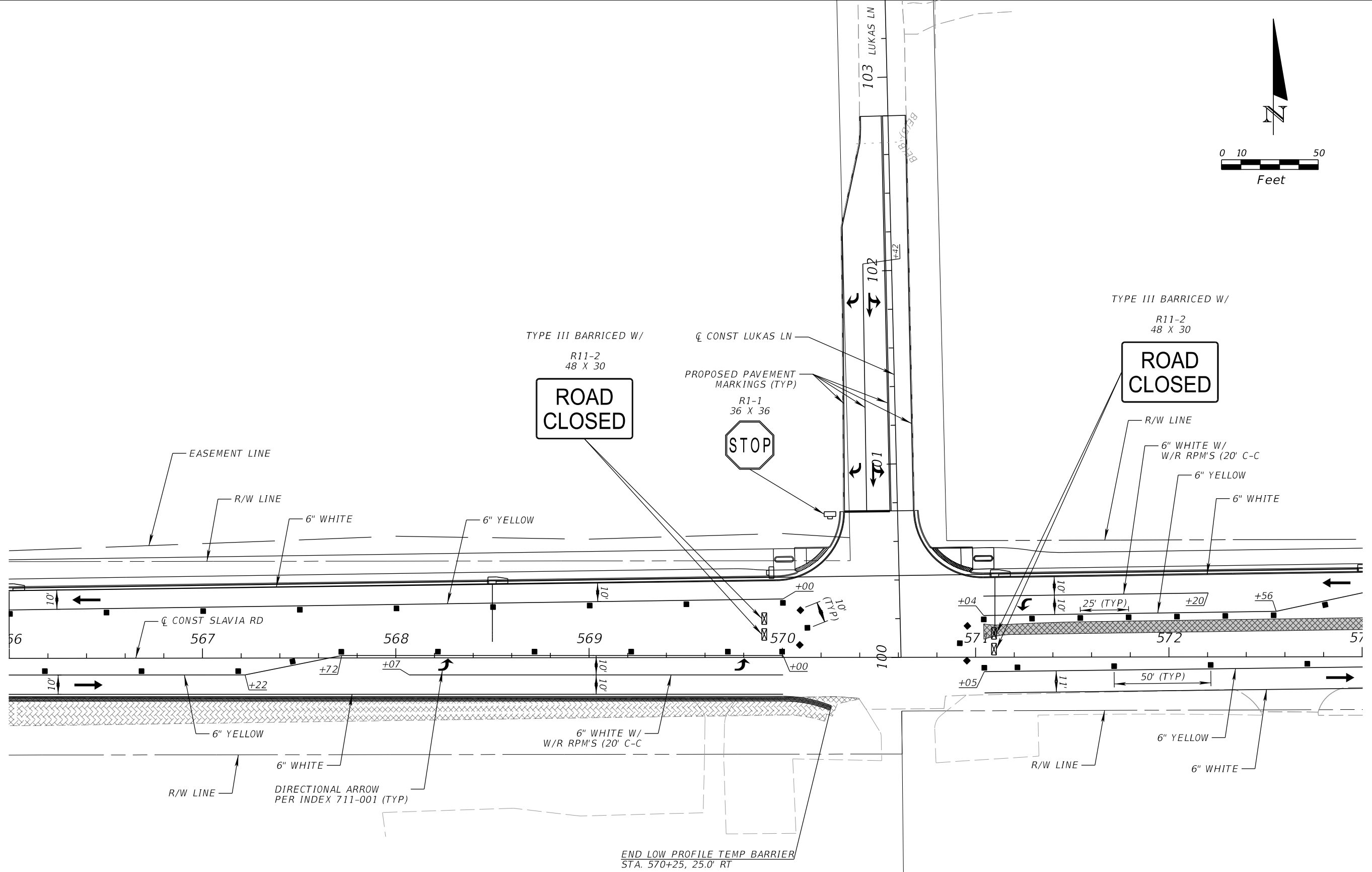
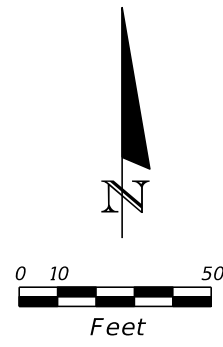
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><br/>SEMINOLE COUNTY<br/>TRAFFIC SIGNALS DIVISION</div> <div>SEMINOLE COUNTY</div> |                    |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

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PHASE I-C

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

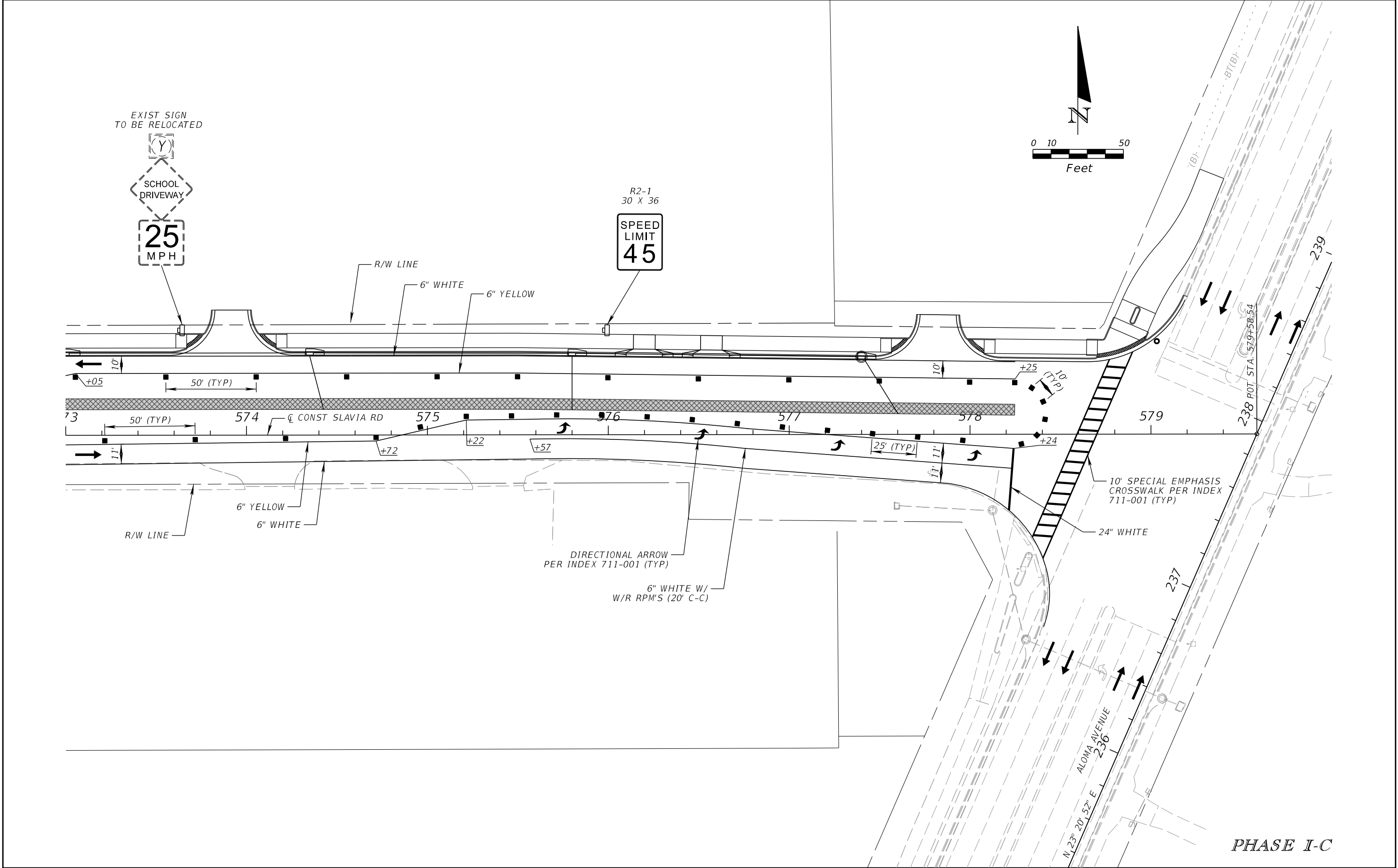


PHASE I-C

| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. |                                   |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     |                                   | 136          |

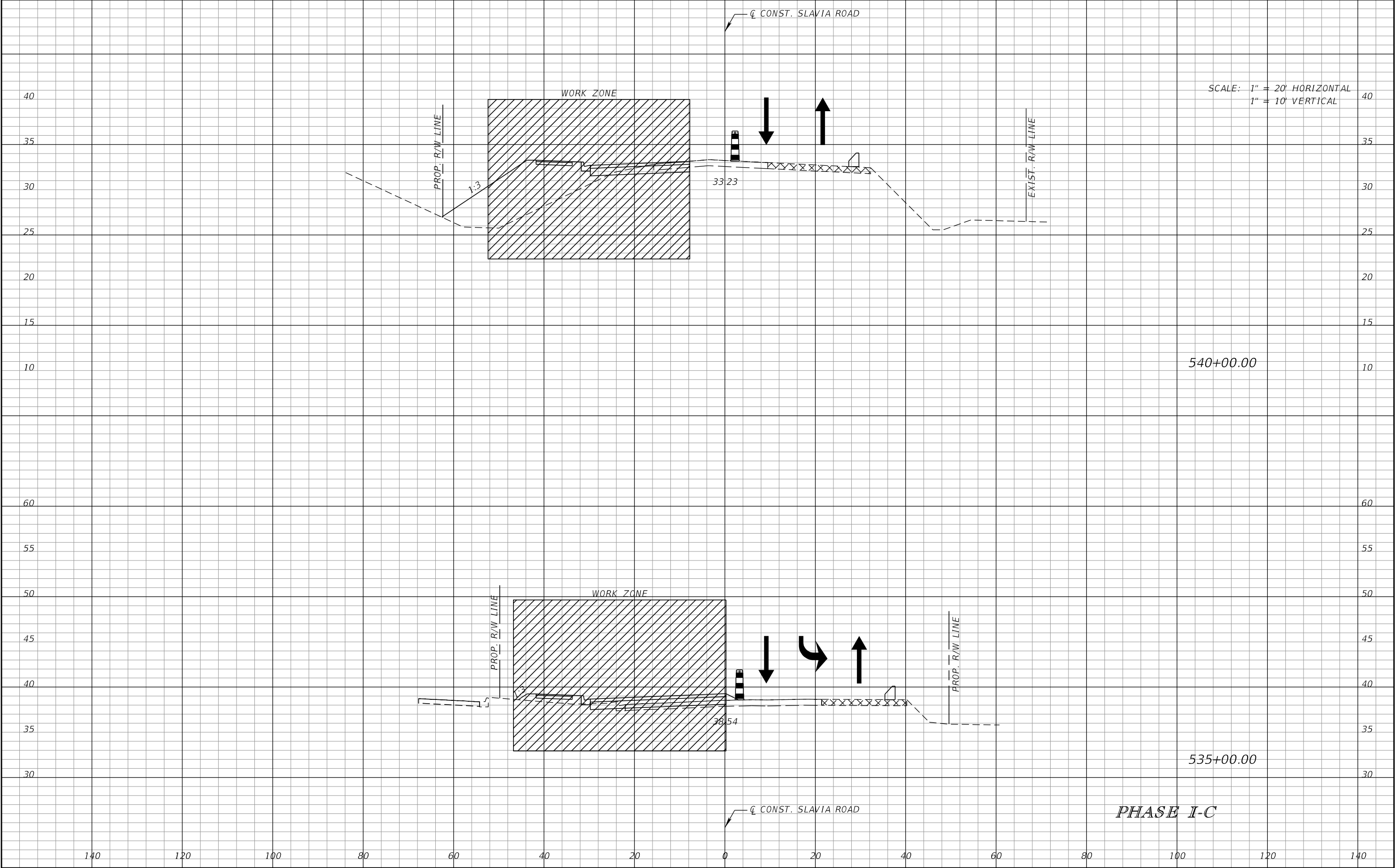
01785146

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

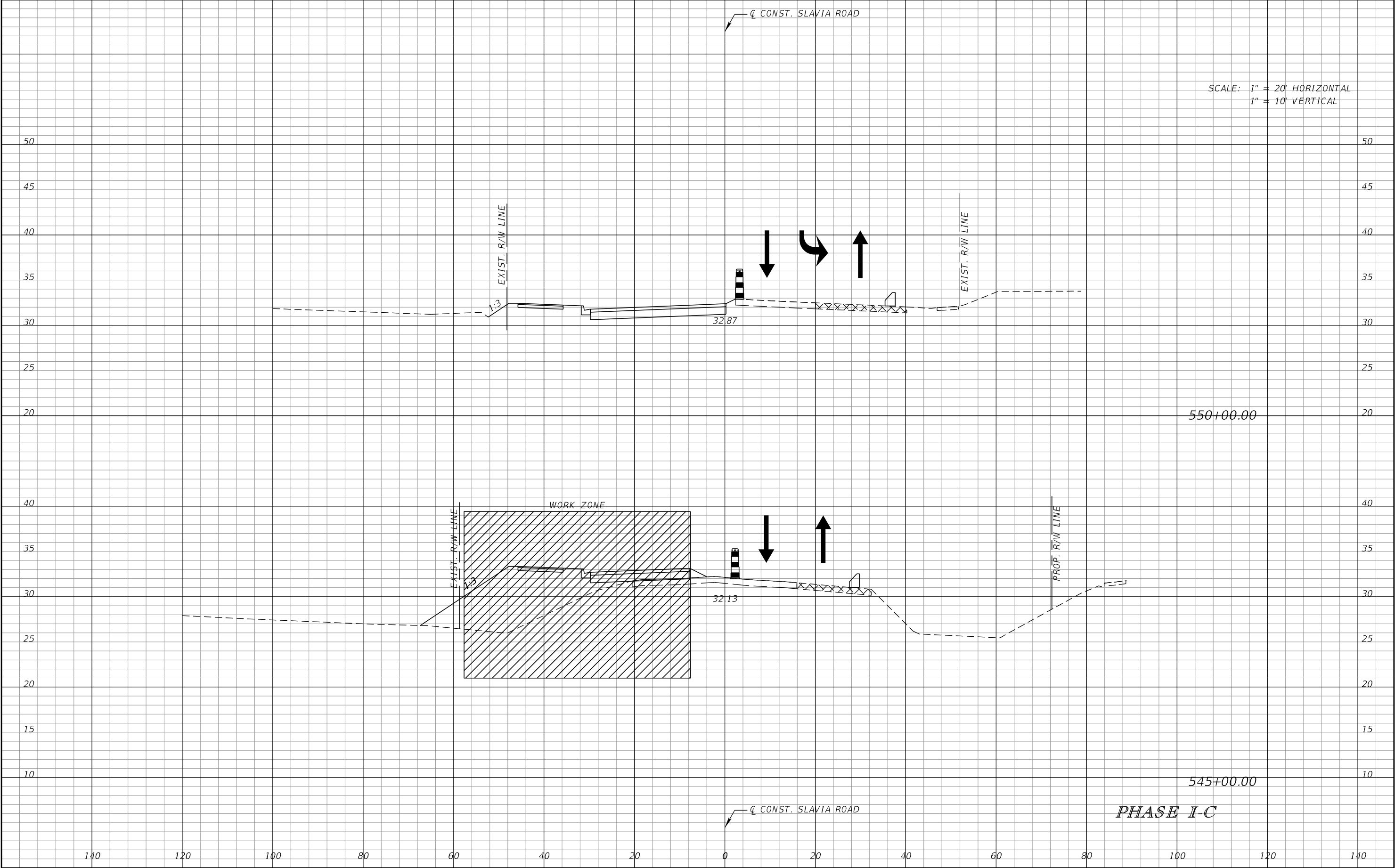


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|--|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                       |                    |                                   |  |              |
|           |             |      |             |                                                                                                                                            | ROAD                                                                                                  | COUNTY PROJECT NO. |                                   |  |              |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                | PS-2552-19/GCM     | CIP NO.<br>01785146               |  | 137          |





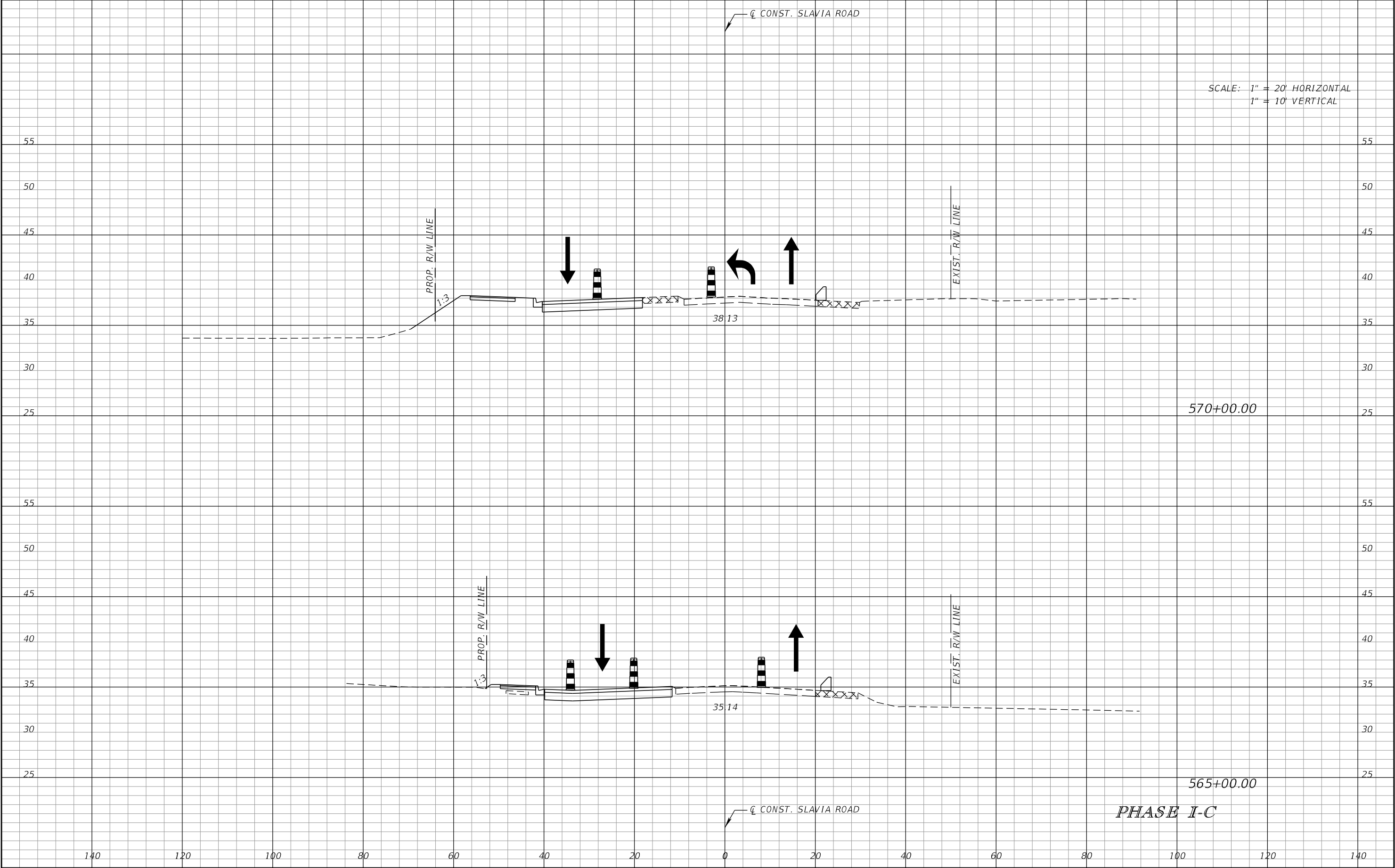
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SIGNAL CENTER |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO.<br><br>138 |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|-----------------------------------|--|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                     | COUNTY PROJECT NO. |                                   |  |                         |
|           |             |      |             |                                                                                                                                            | SLAVIA                                   | PS-2552-19/GCM     | 01785146                          |  |                         |



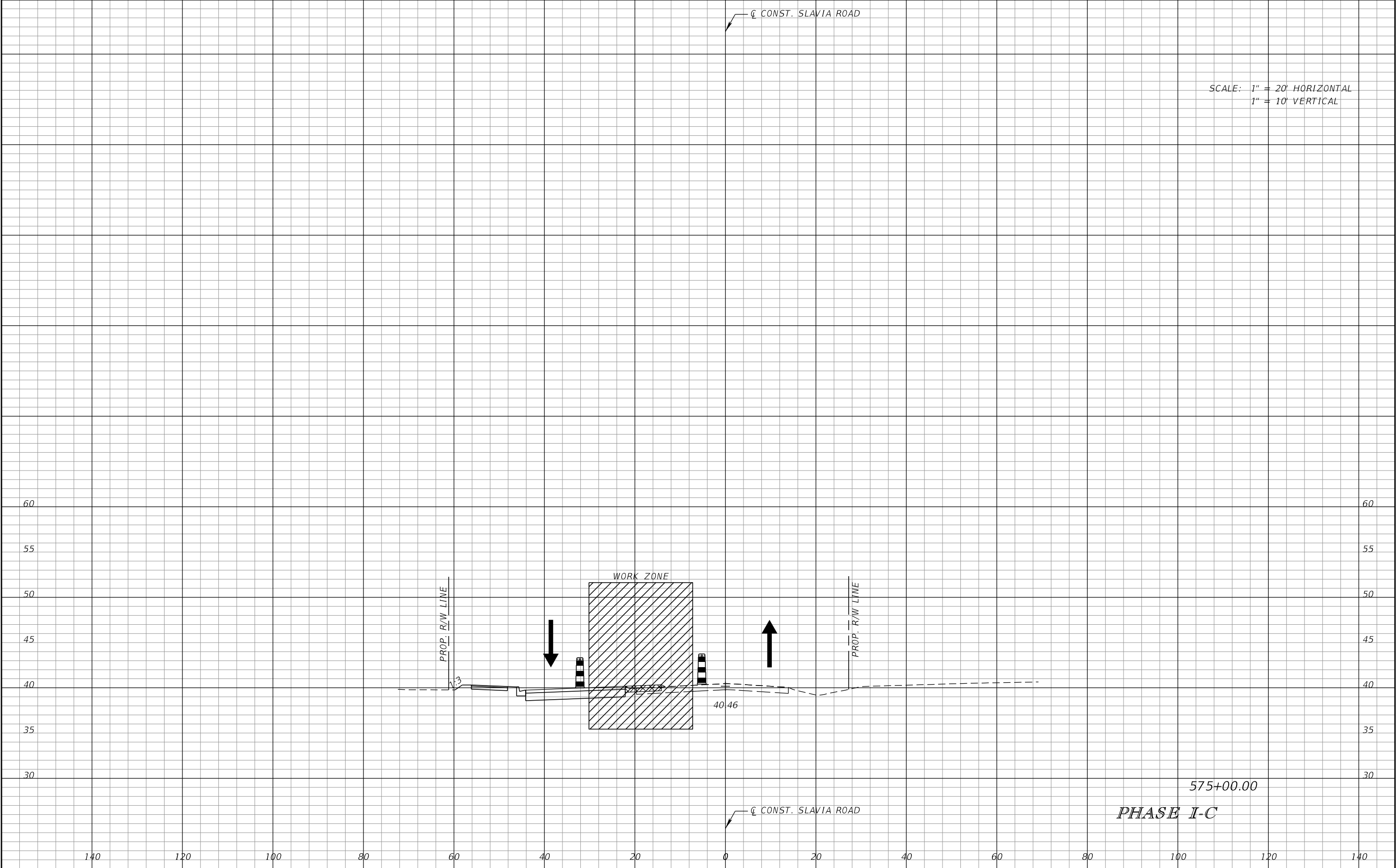
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROAD</div></div> <div><div>COUNTY PROJECT NO.</div>PS-2552-19/GCM</div> <div>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







| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                                   | 141          |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                                   |              |



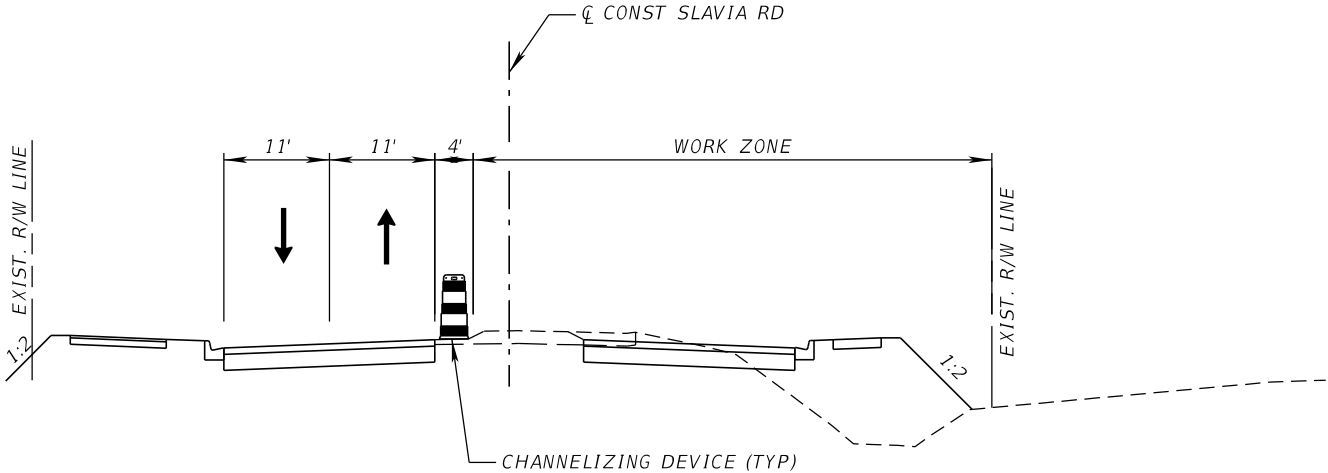
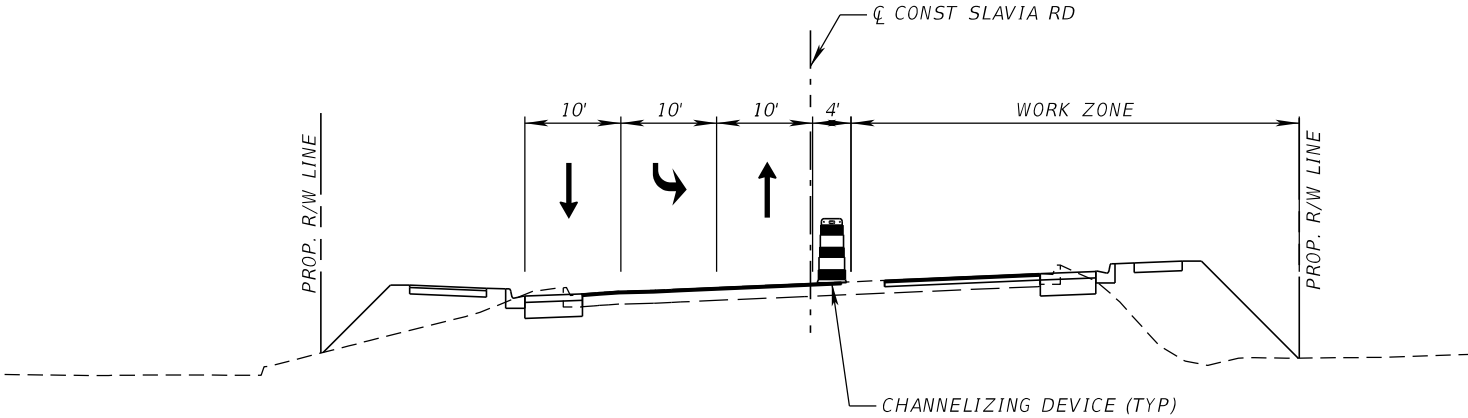
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>SEMINOLE COUNTY<br>SEMINOLE COUNTY |                    |          | TEMPORARY TRAFFIC<br>CONTROL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

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

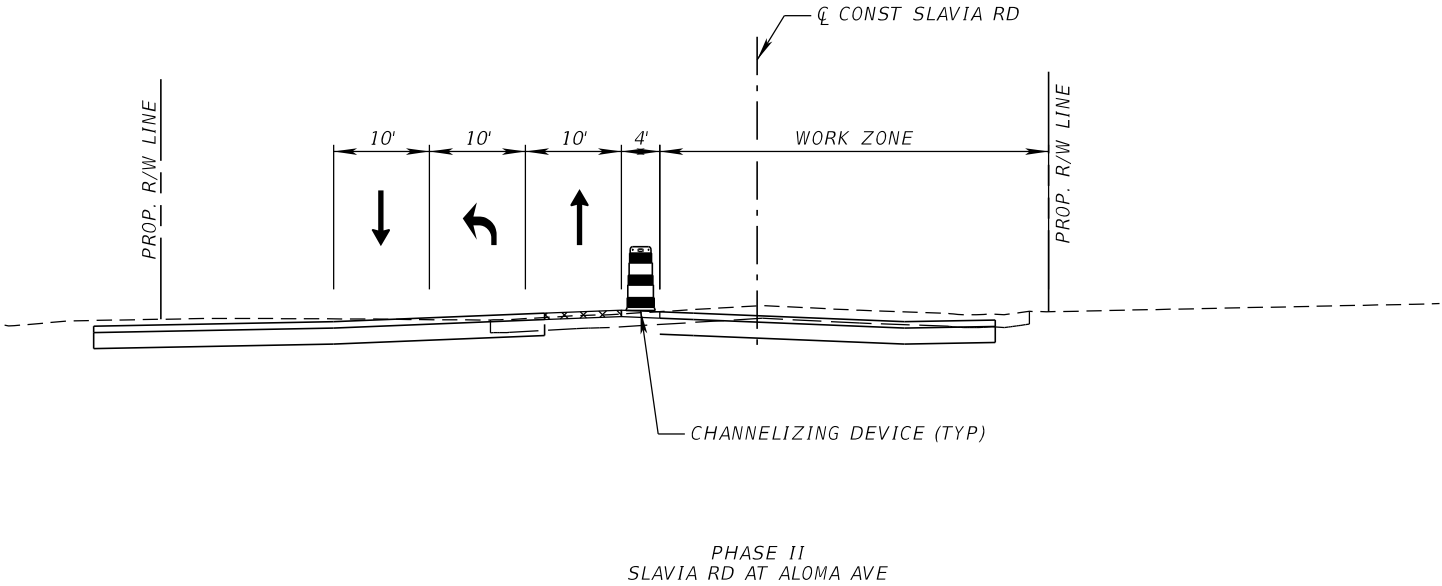
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY<br><small>FLORIDA'S NORTHERN GEM</small> | SEMINOLE COUNTY |                    | TEMPORARY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

PHASE NOTES:

PHASE II

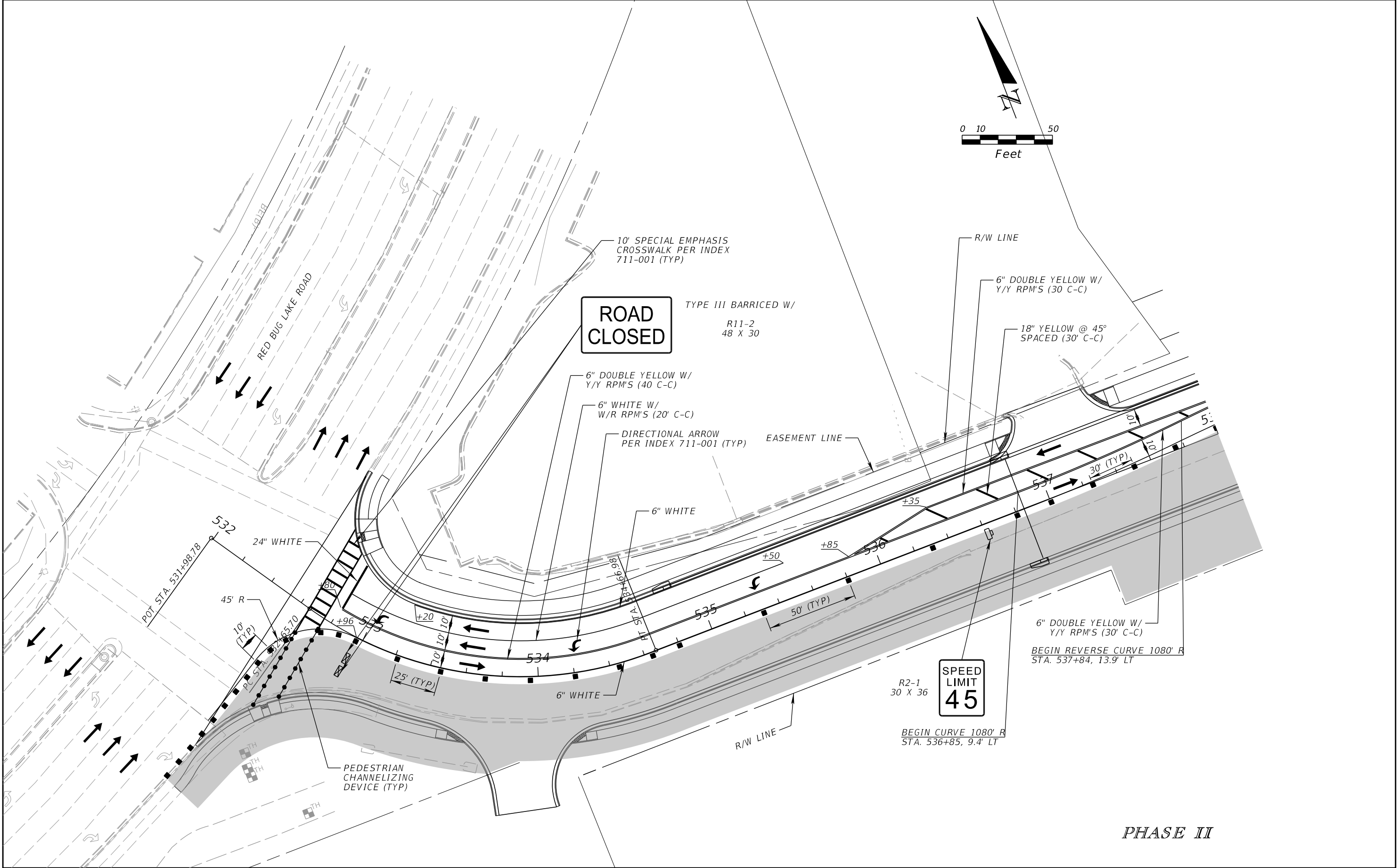
SHIFT TRAFFIC ONTO THE PROPOSED ROAD  
CONSTRUCTED IN PHASE I-B AND I-C.

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



PHASE II

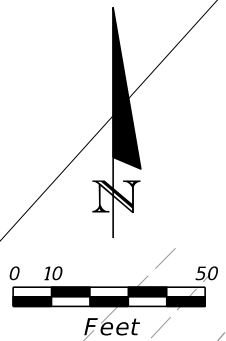
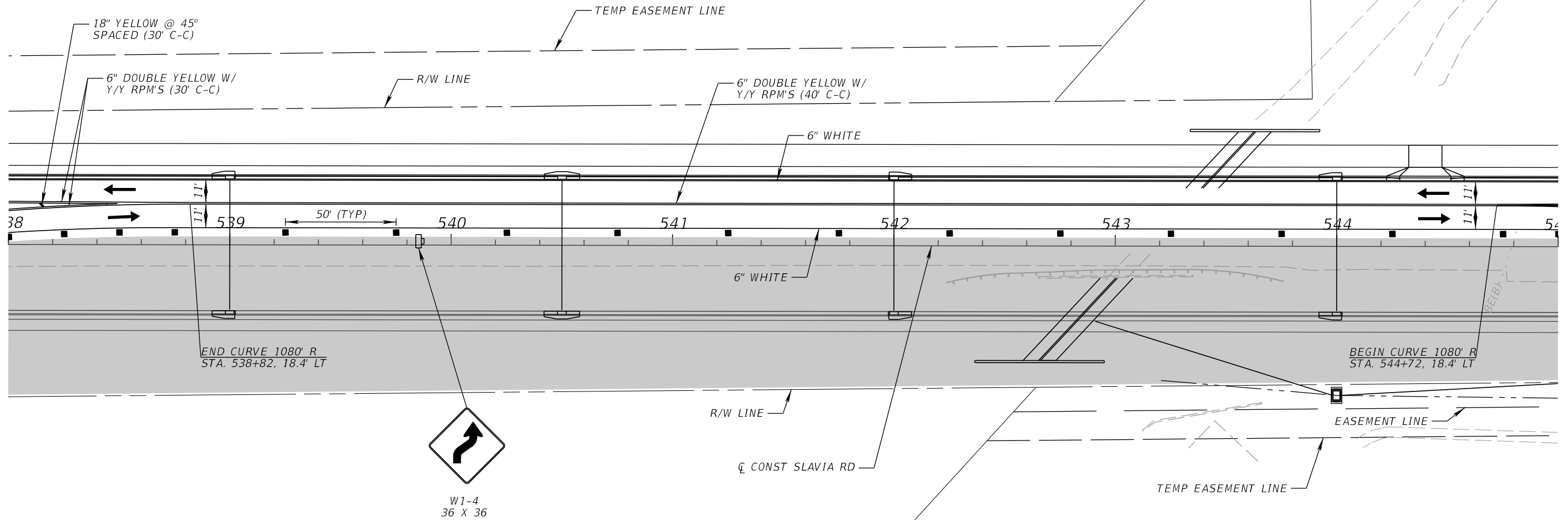
| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY<br/><small>FLORIDA'S NORTHERN GEM</small></div><div>SEMINOLE COUNTY</div></div> <table><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 | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|-----------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |      |                    |         |        |                |          |                                   |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |      |                    |         |        |                |          |                                   |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION | 144                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                 |      |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |      |                    |         |        |                |          |                                   |              |



| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SIGNALS DIVISION |                    |          | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO.<br><br>145 |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------|----------|-----------------------------------|--|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                        | COUNTY PROJECT NO. | CIP NO.  |                                   |  |                         |
|           |             |      |             |                                                                                                                                            | SLAVIA                                      | PS-2552-19/GCM     | 01785146 |                                   |  |                         |

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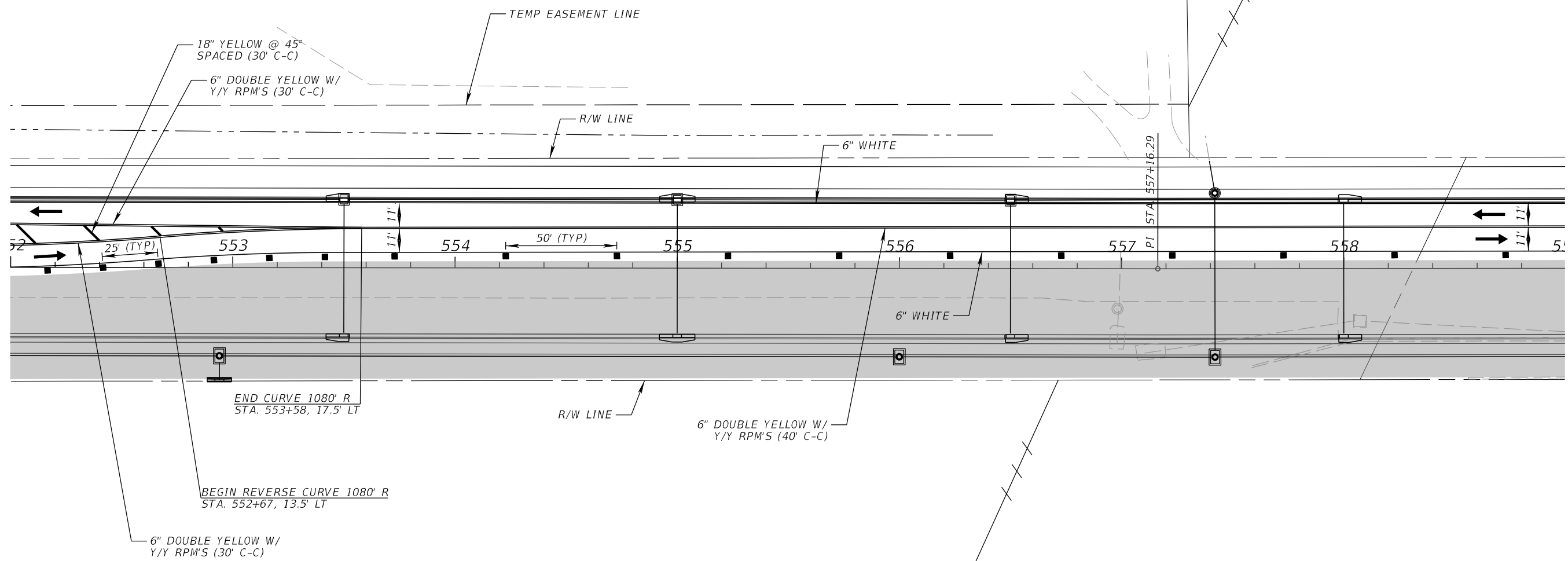
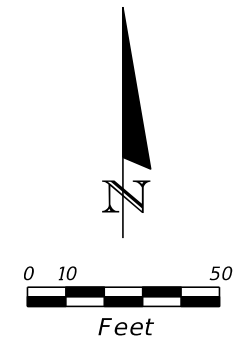


PHASE II

| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>  <b>SEMINOLE COUNTY</b><br/> <small>FLORIDA'S NATURAL CORNER</small> </div> <div>           COUNTY PROJECT NO.<br/>           PS-2552-19/GCM         </div> <div>           CIP NO.<br/>           01785146         </div> | <b>TEMPORARY TRAFFIC<br/>CONTROL PLAN</b> | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                       |                                           |              |
|           |             |      |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                       |                                           | 146          |



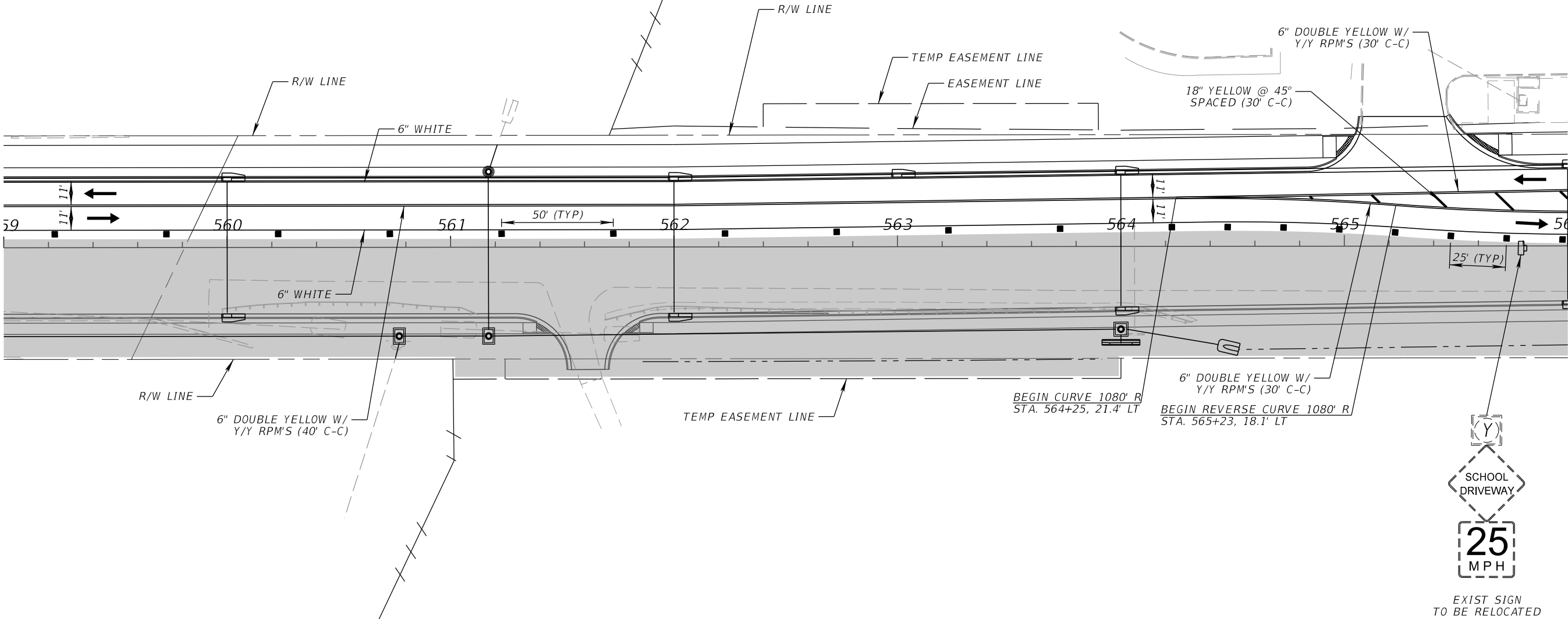
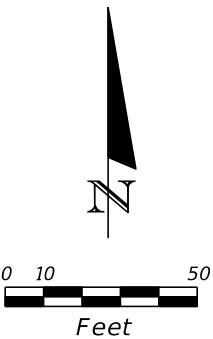




PHASE II

| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><br/>SEMINOLE COUNTY<br/><small>FLORIDA'S NORTHERN RIVER</small></div><div>SEMINOLE COUNTY</div></div> <table><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 | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|--------------------|---------|--------|----------------|----------|-----------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                        |  |  |      |                    |         |        |                |          |                                   |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                        |  |  |      |                    |         |        |                |          |                                   |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION |                                                                                                                                            | 148                                                                                                                                                                                                                                                                                                                                                    |  |  |      |                    |         |        |                |          |                                   |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                        |  |  |      |                    |         |        |                |          |                                   |              |
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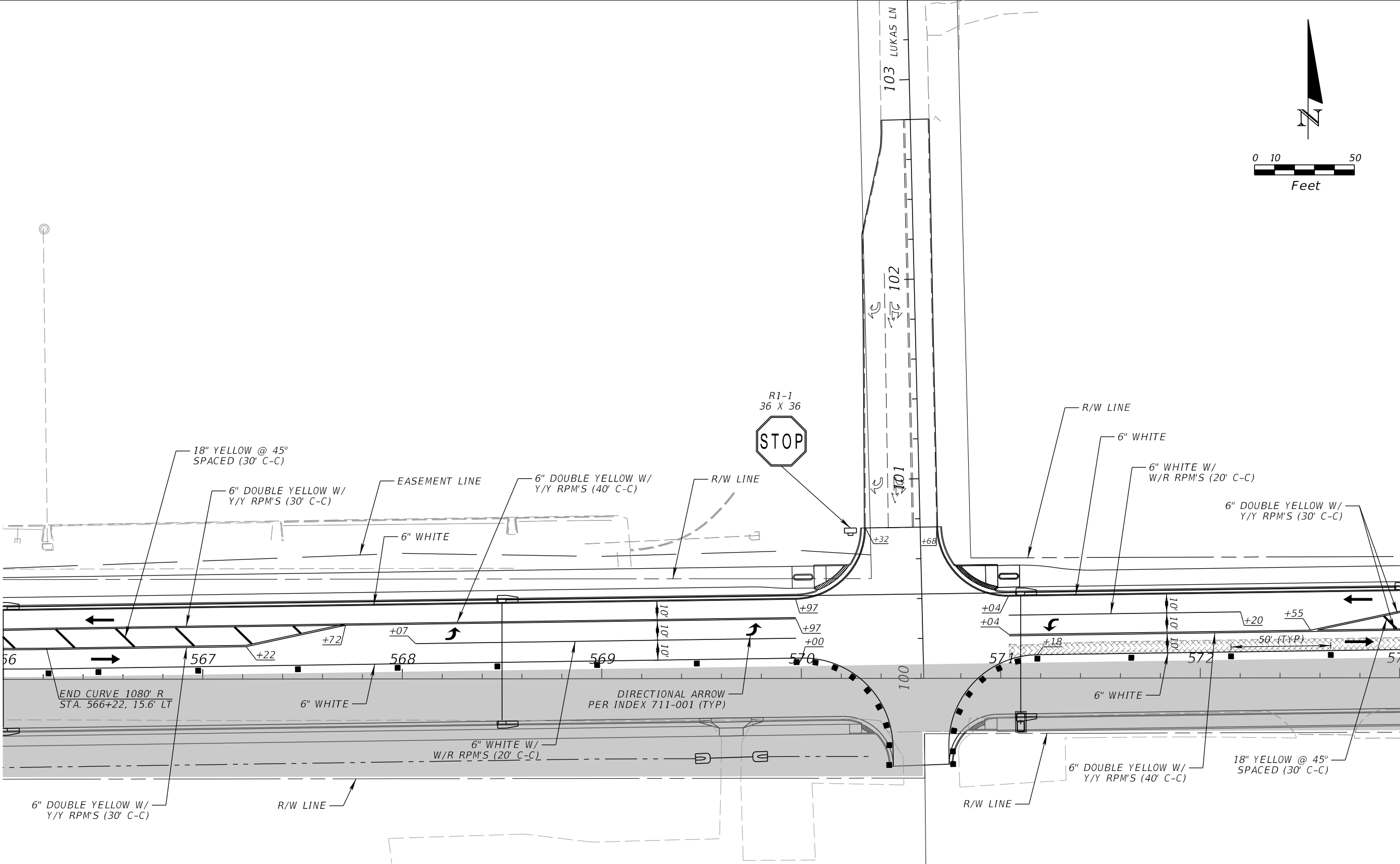
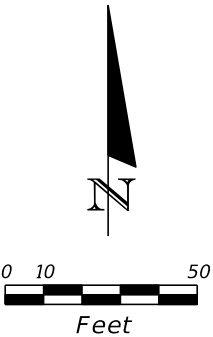
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PHASE II

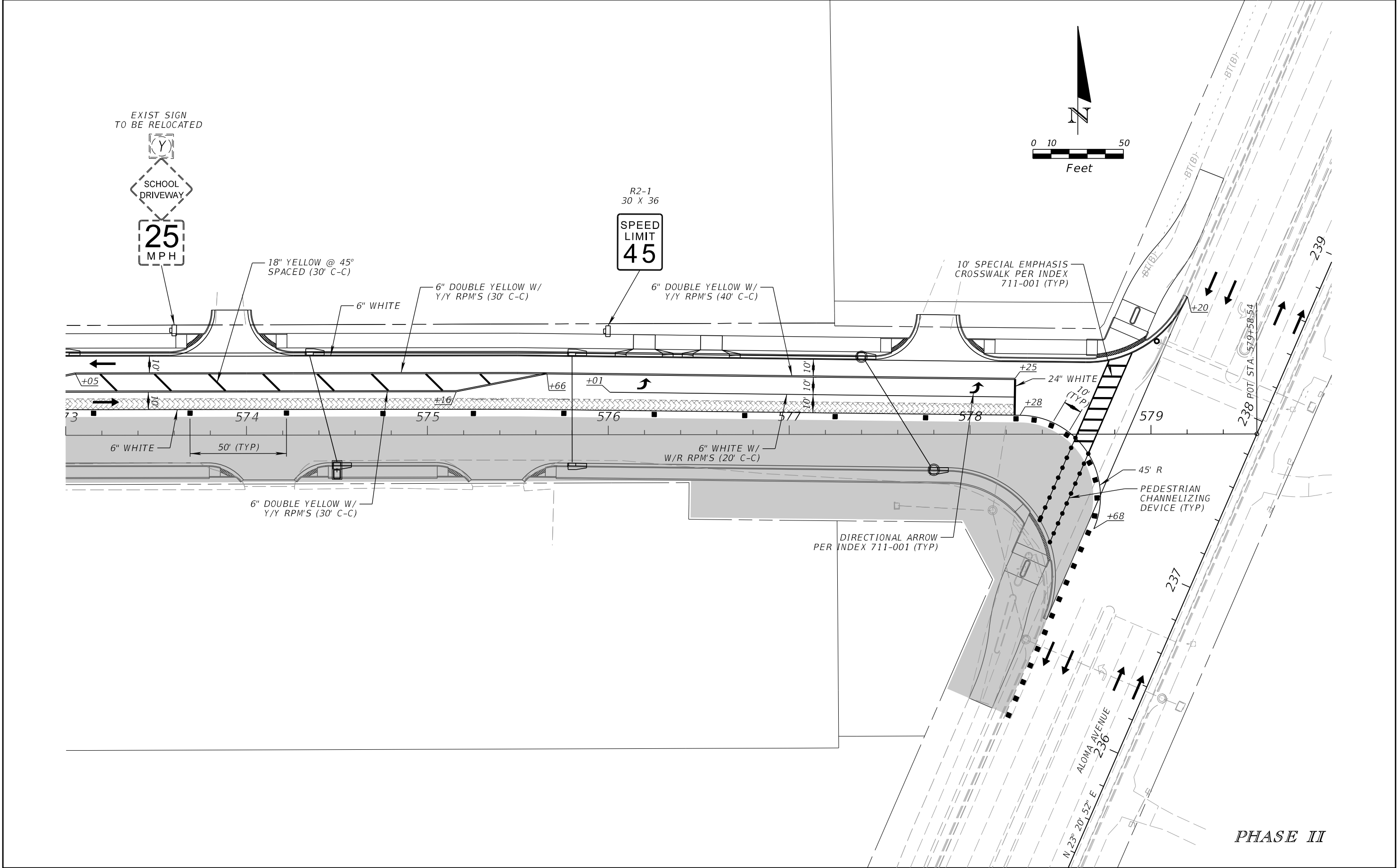
| REVISIONS |                    |          |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><b>SEMINOLE COUNTY</b><br/><small>FLORIDA'S NORTHERN GEM</small></div> <div><table><tr><th>ROAD</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></div> | ROAD | COUNTY PROJECT NO. | CIP NO. | SLAVIA | PS-2552-19/GCM | 01785146 | <div>TEMPORARY TRAFFIC<br/>CONTROL PLAN</div> | SHEET<br>NO. |
|-----------|--------------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|--------|----------------|----------|-----------------------------------------------|--------------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                              |      |                    |         |        |                |          |                                               |              |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                              |      |                    |         |        |                |          |                                               |              |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                              | 149  |                    |         |        |                |          |                                               |              |
|           |                    |          |             |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                              |      |                    |         |        |                |          |                                               |              |
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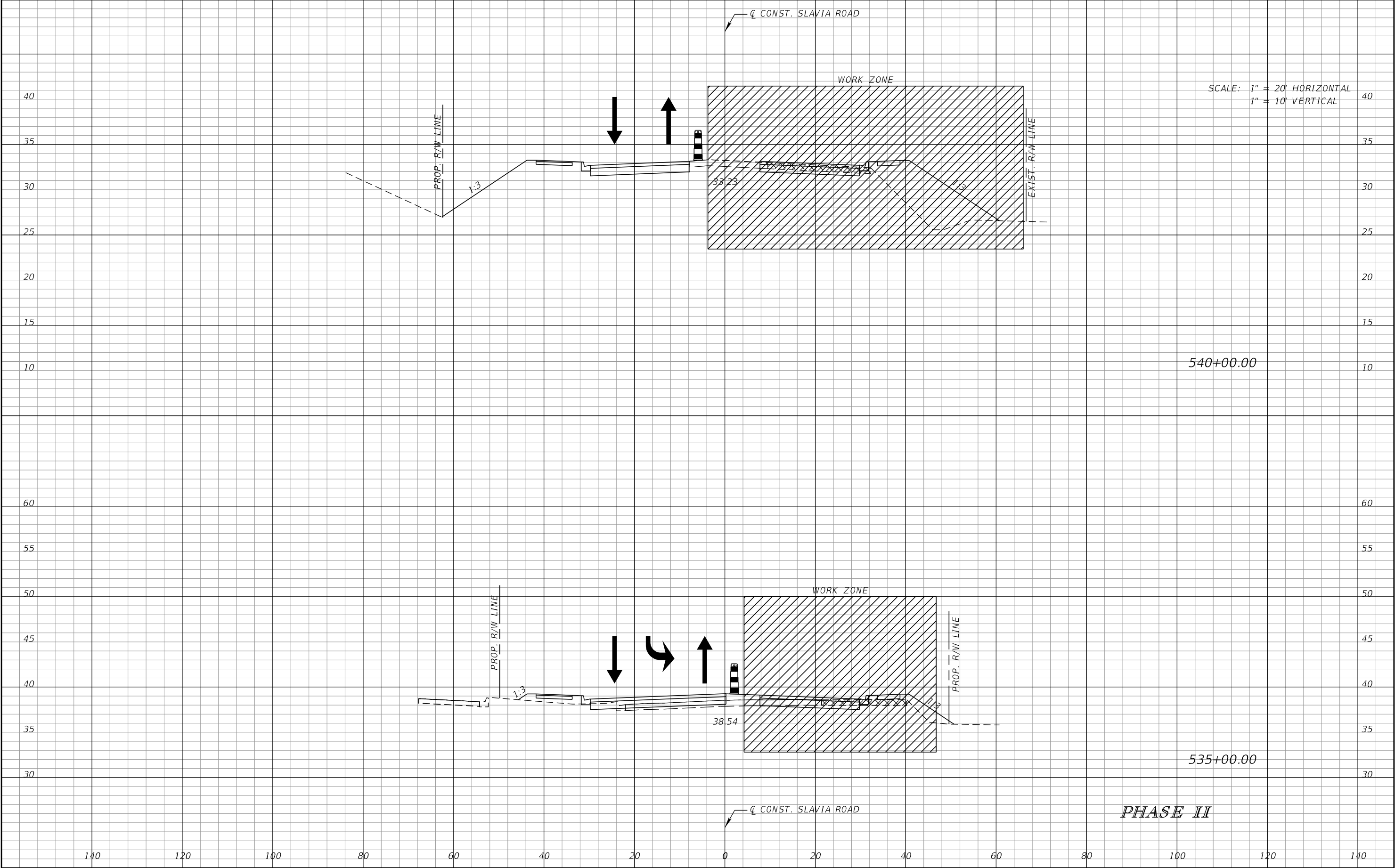
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| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |  |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |     |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|--------------------|-----------------------------------|--------------|-----|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD                                                                                                  |  | COUNTY PROJECT NO. |                                   | CIP NO.      | 150 |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                |  | PS-2552-19/GCM     |                                   | 01785146     |     |
|           |             |      |             |                                                                                                                                            |                                                                                                       |  |                    |                                   |              |     |

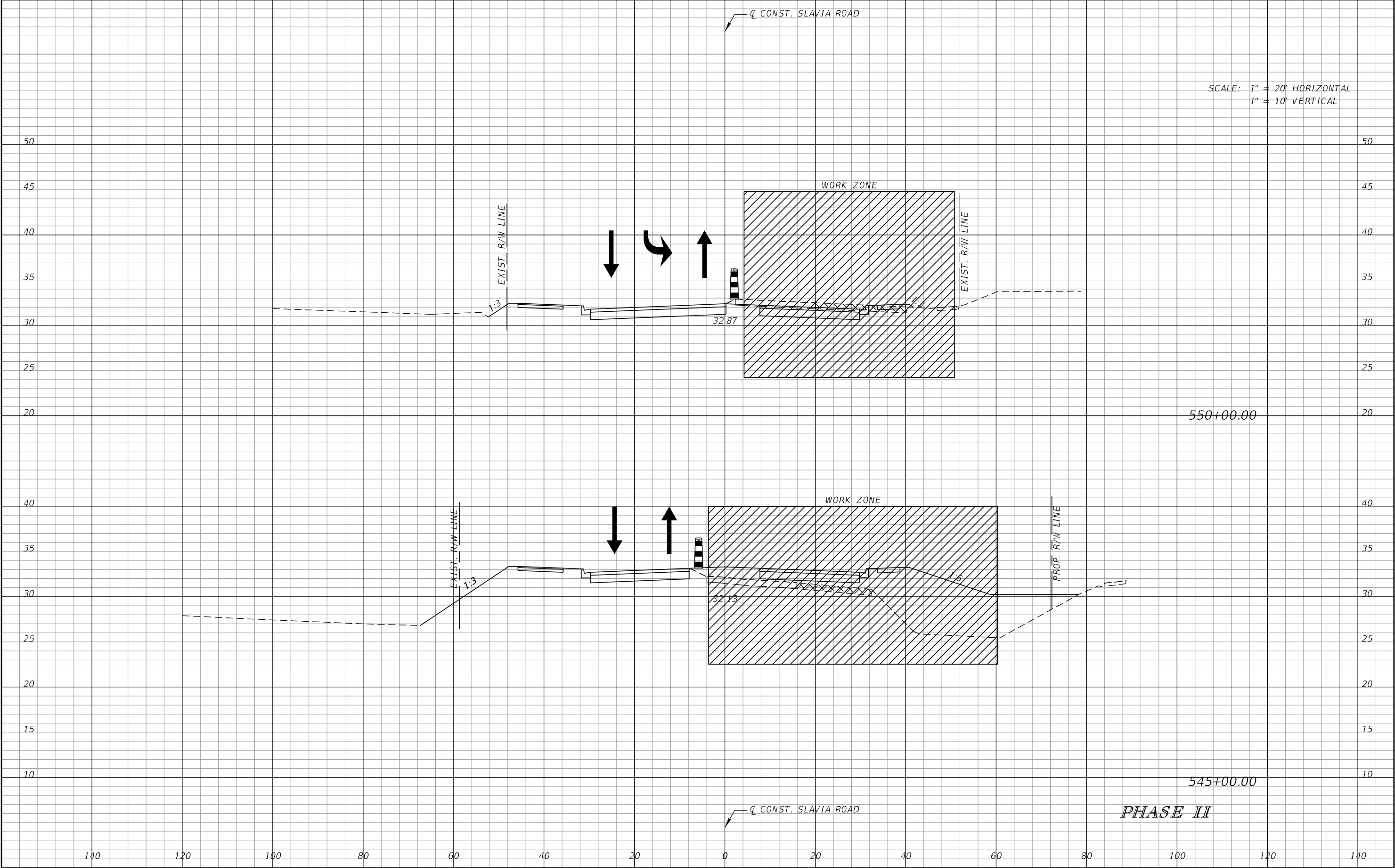
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. |                                   |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     | 01785146                          | 151          |

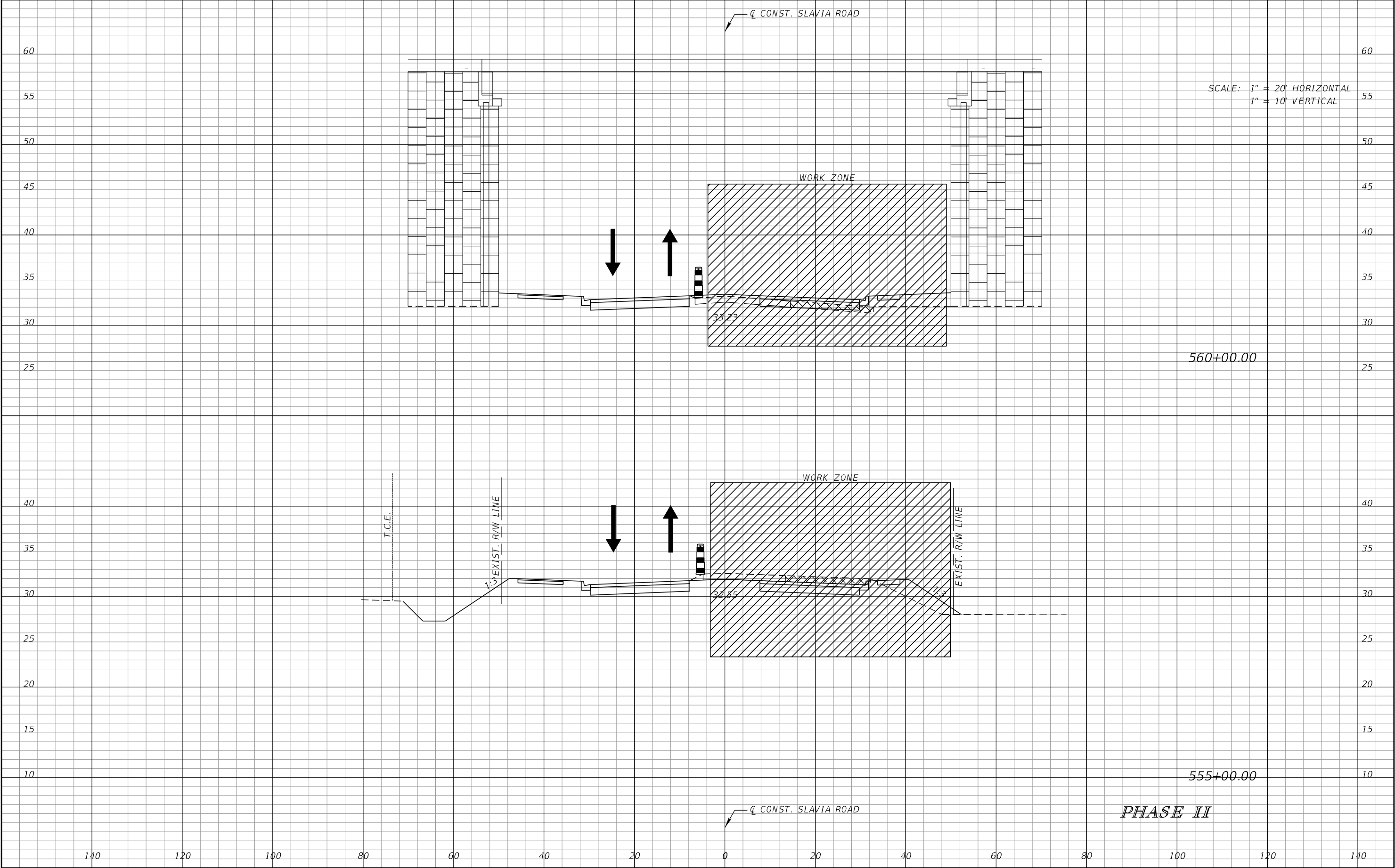


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO.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

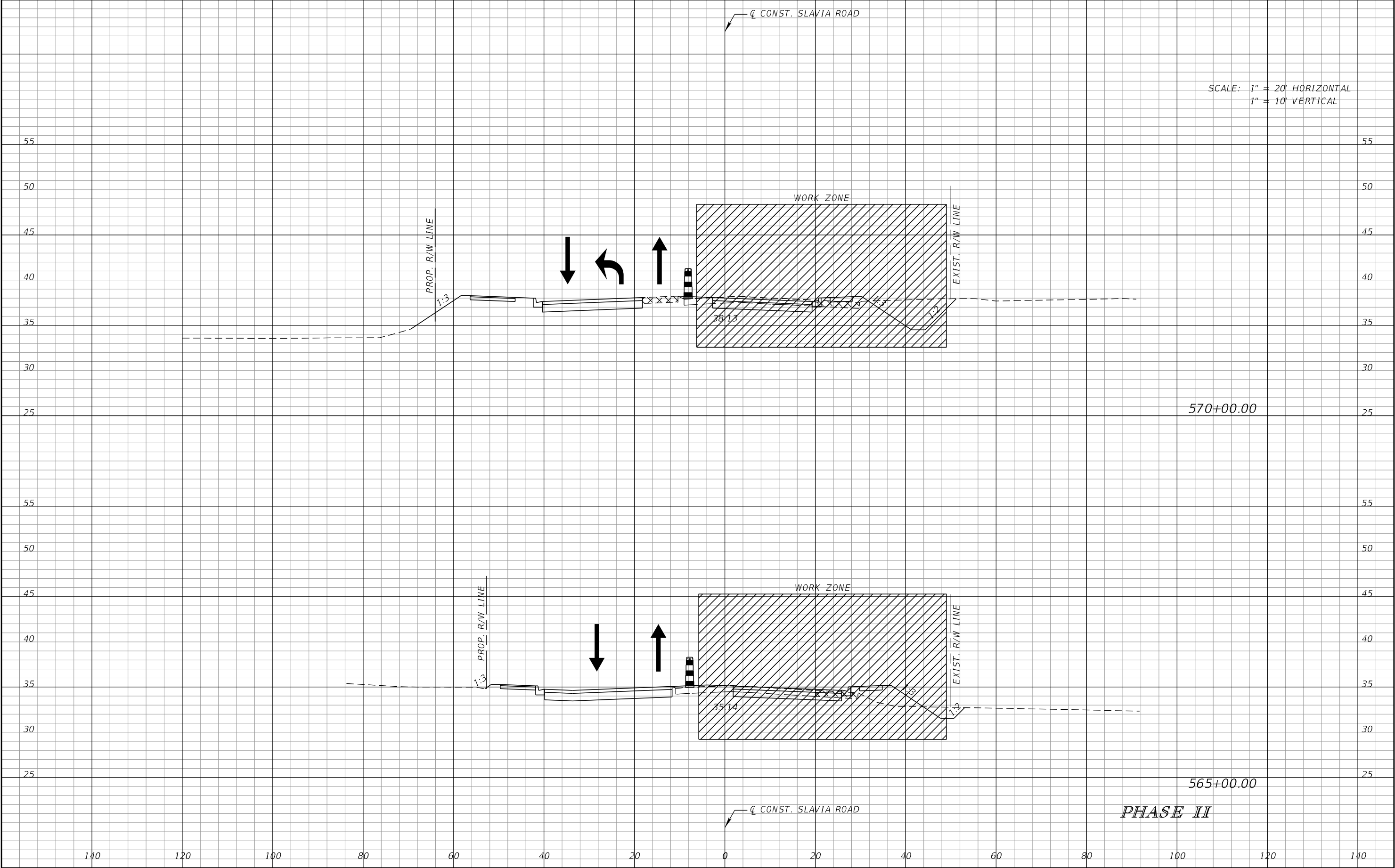


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROAD</div></div> <div>SLAVIA</div> | <div>COUNTY PROJECT NO.</div> <div>PS-2552-19/GCM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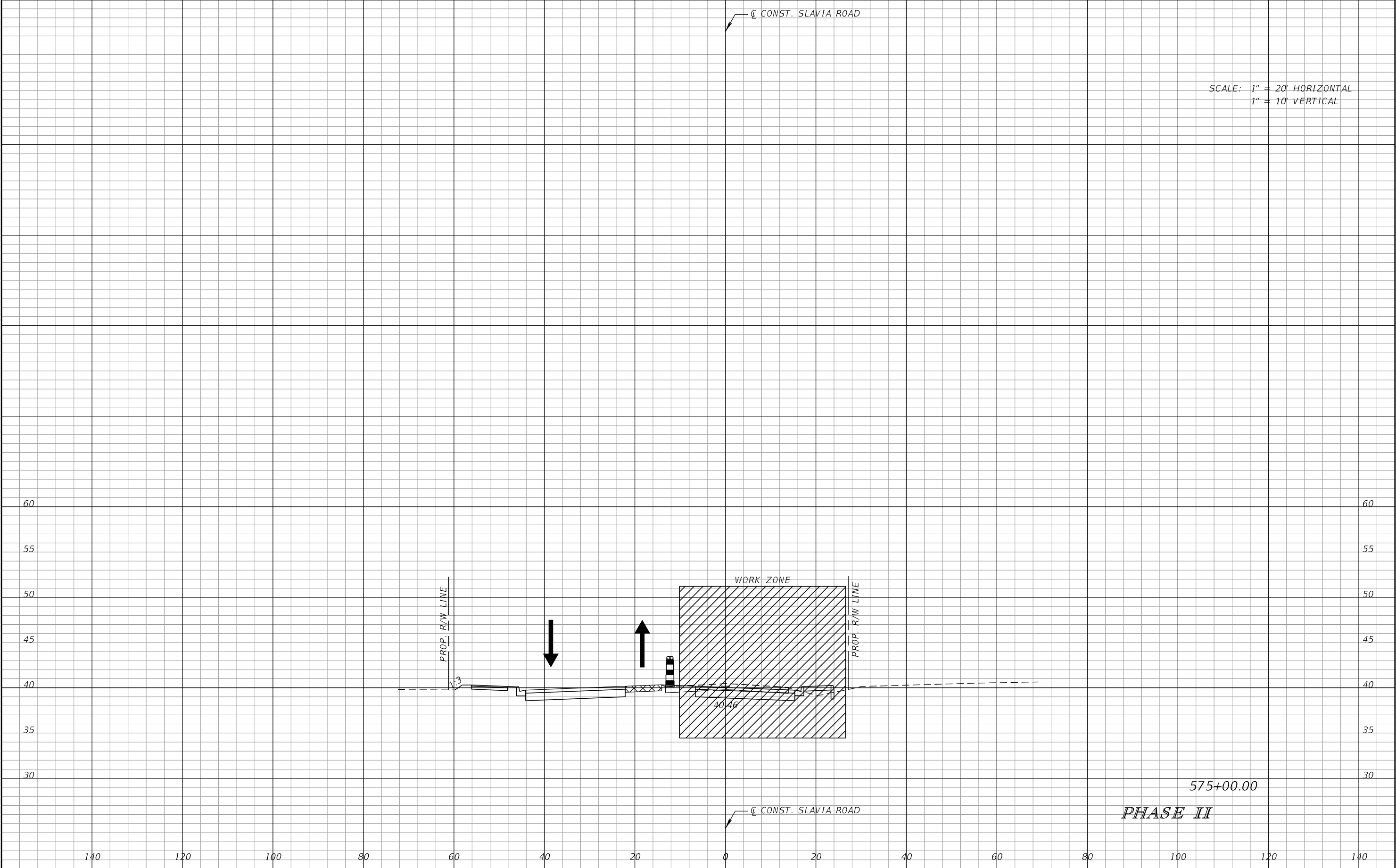


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROAD</div></div> <div><div>COUNTY PROJECT NO.</div>PS-2552-19/GCM</div> <div><div>CIP NO.</div>01785146</div> | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                                                        |                                   |  |              |
|           |             |      |             |                                                                                                                                            |                                                                                                                                                                                                                                        |                                   |  | 154          |



| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN |  | SHEET<br>NO. |
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                       |                    |                                   |  |              |
|           |             |      |             |                                                                                                                                            | ROAD                                                                                                  | COUNTY PROJECT NO. |                                   |  |              |
|           |             |      |             |                                                                                                                                            | SLAVIA                                                                                                | PS-2552-19/GCM     | CIP NO.<br>01785146               |  | 155          |





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

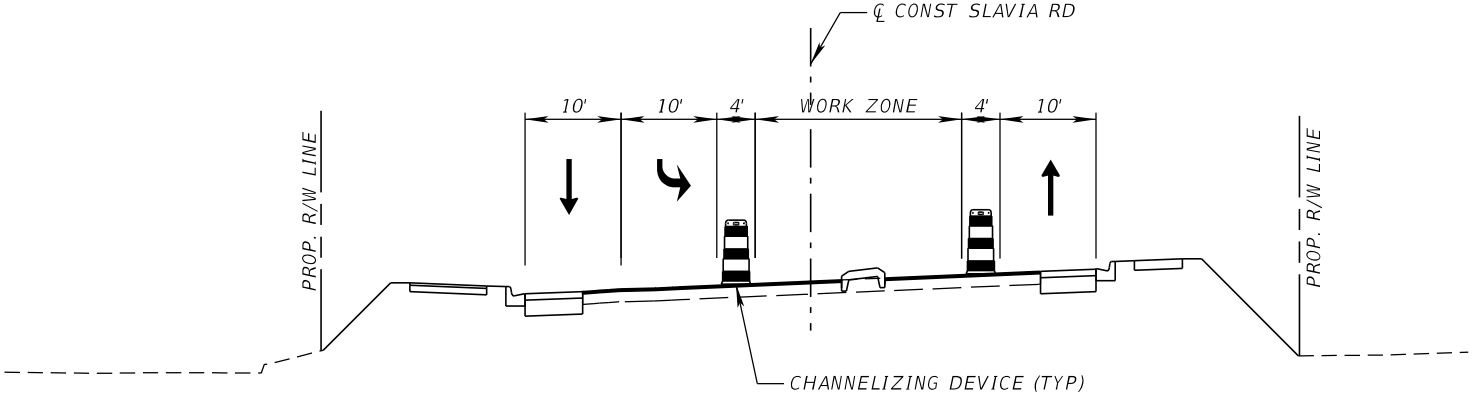
PHASE III

COMPLETE THE PROPOSED ROADWAY AND DRAINAGE CONSTRUCTION

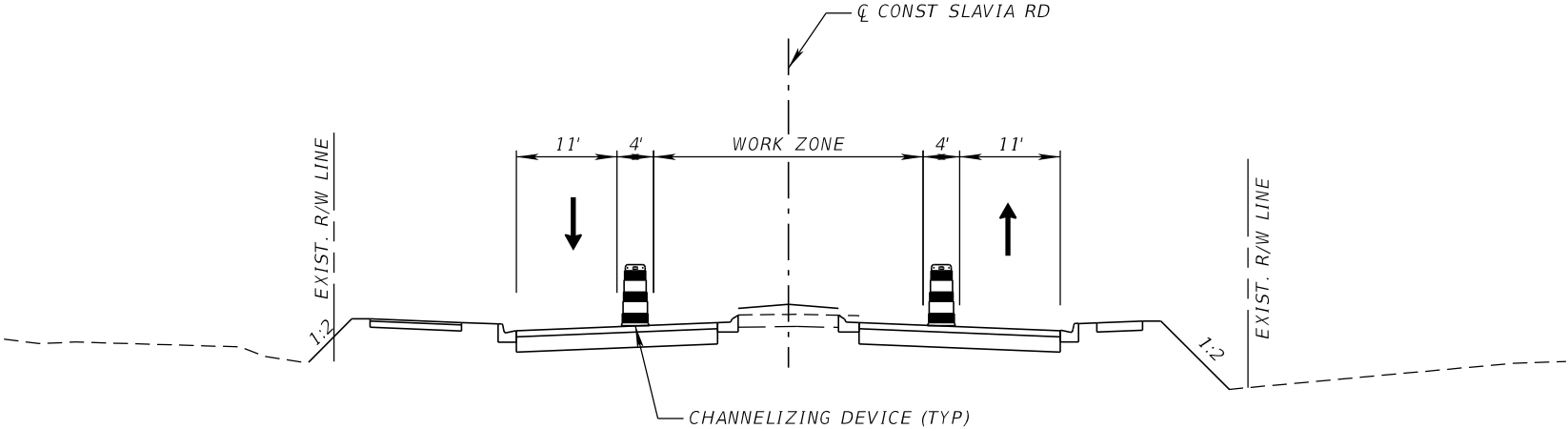
CONSTRUCT THE PROPOSED SIGNAL AT THE SLAVIA RD AND LUKAS LN INTERSECTION.

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.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div>SEMINOLE COUNTY</div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> |  |  | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            |                                                                                                                                                                                                           |  |  |                                   |              |
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PHASE NOTES:

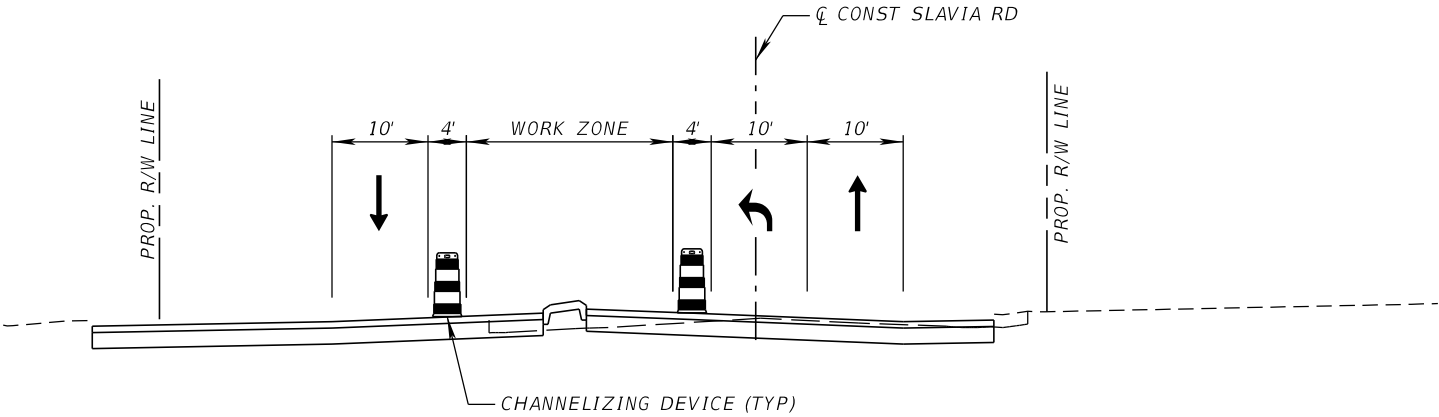
PHASE III

COMPLETE THE PROPOSED ROADWAY AND DRAINAGE CONSTRUCTION

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

PHASE IV (NOT SHOWN)

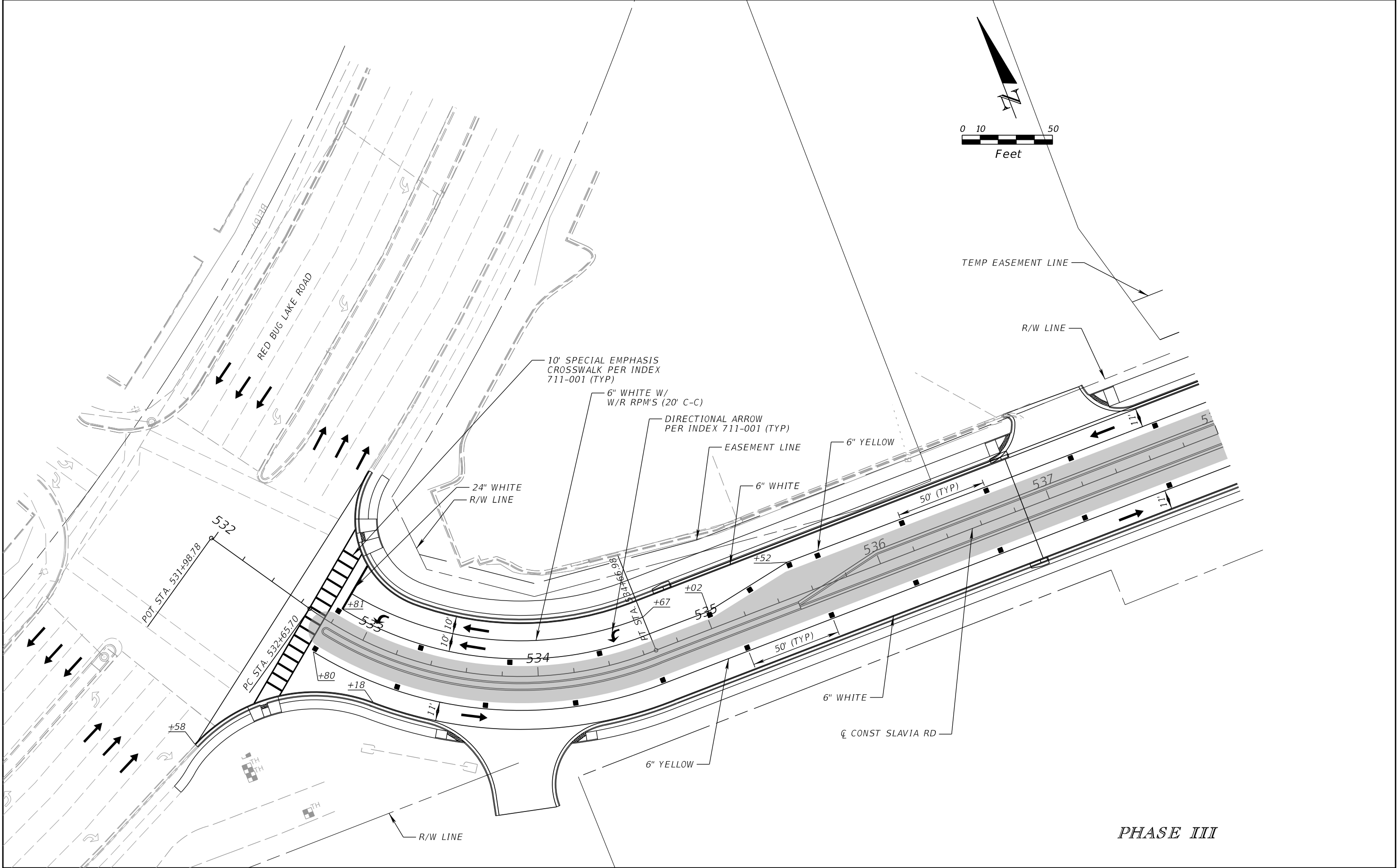
UTILIZE APPLICABLE STANDARD PLANS TO MILL AND RESURFACE AND PLACE THE FINAL PAVEMENT MARKINGS



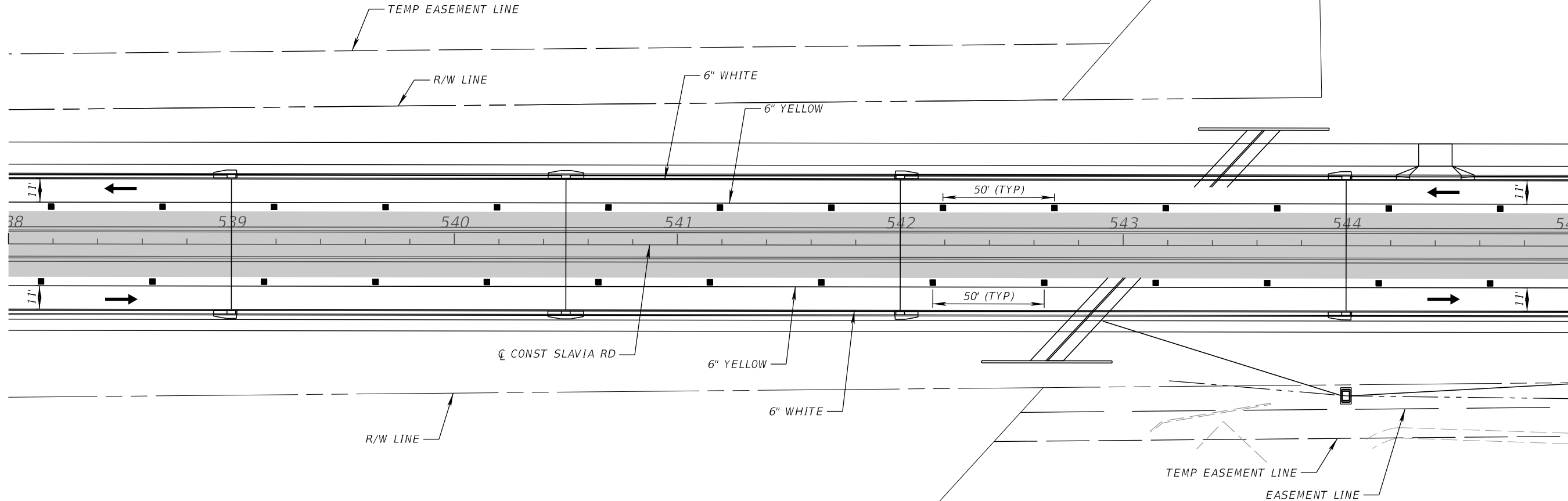
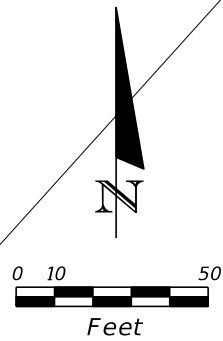
PHASE III  
SLAVIA RD AT ALOMA AVE

PHASE III

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



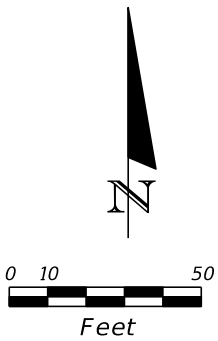
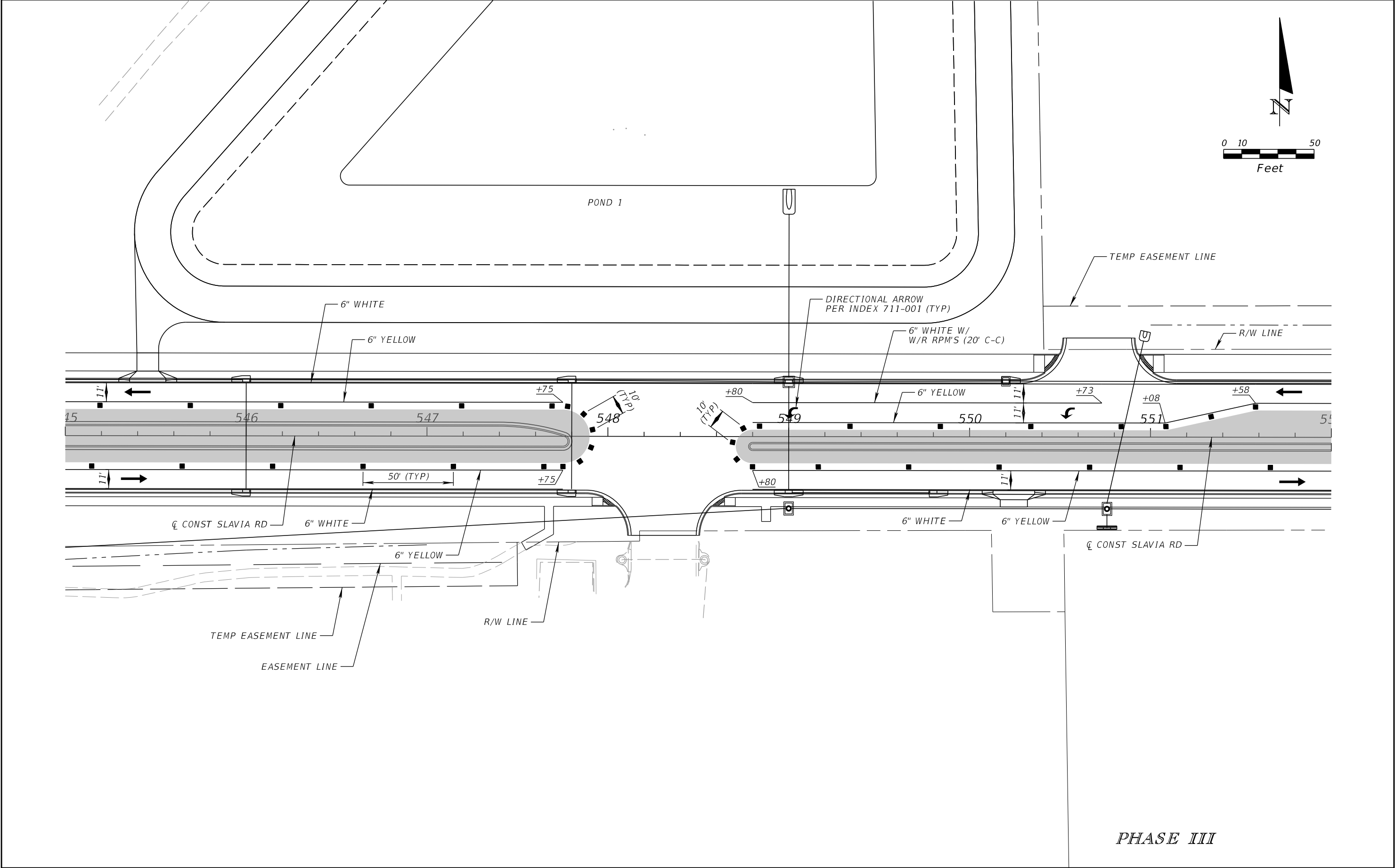
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |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



PHASE III

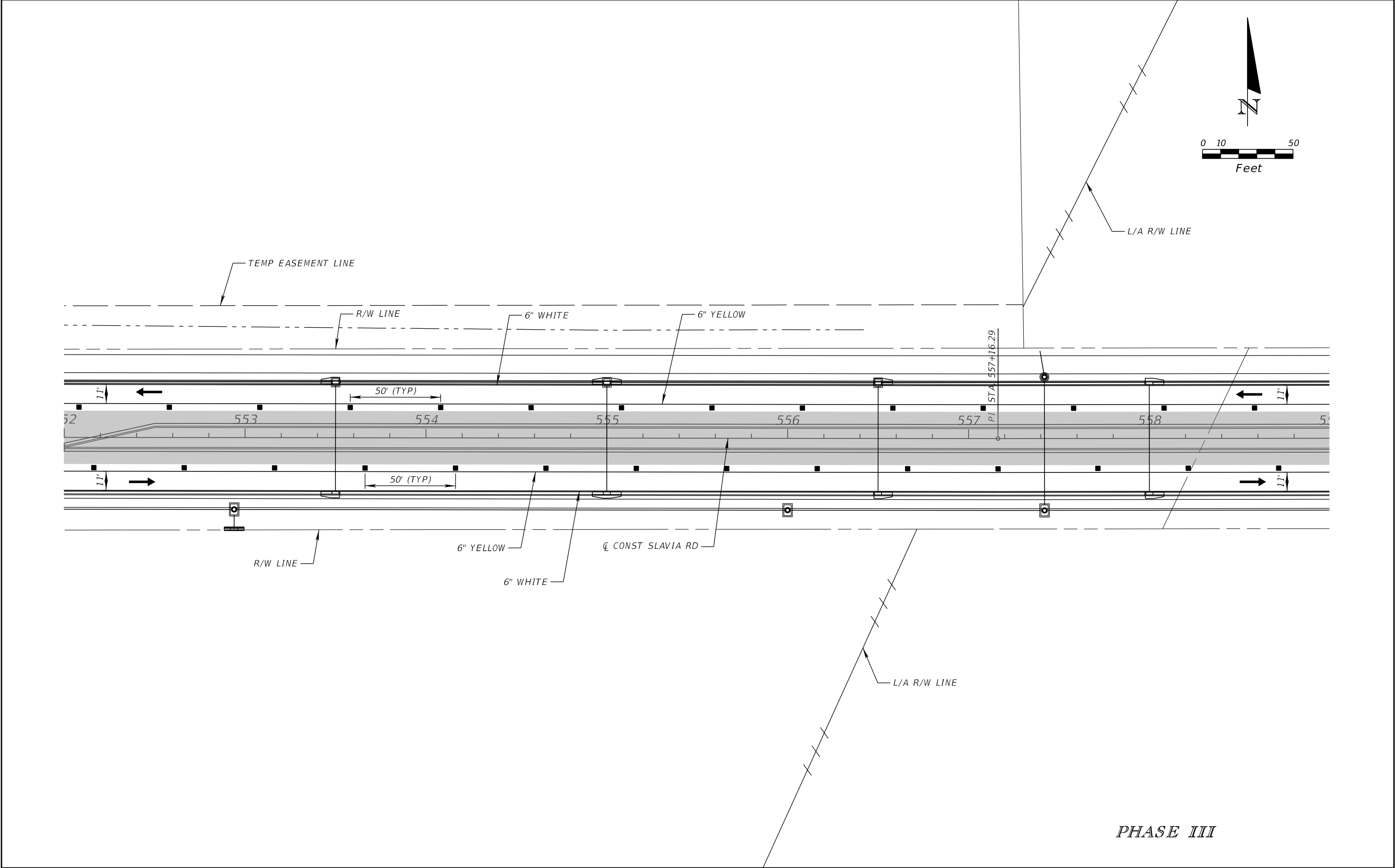
| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><div><b>SEMINOLE COUNTY</b></div><div>ROADCOUNTY PROJECT NO.CIP NO.</div><div>SLAVIAPS-2552-19/GCM01785146</div></div> |  |  | <b>TEMPORARY TRAFFIC<br/>CONTROL PLAN</b> | SHEET<br>NO. |
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| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | 160                                                                                                                                                                                                              |  |  |                                           |              |
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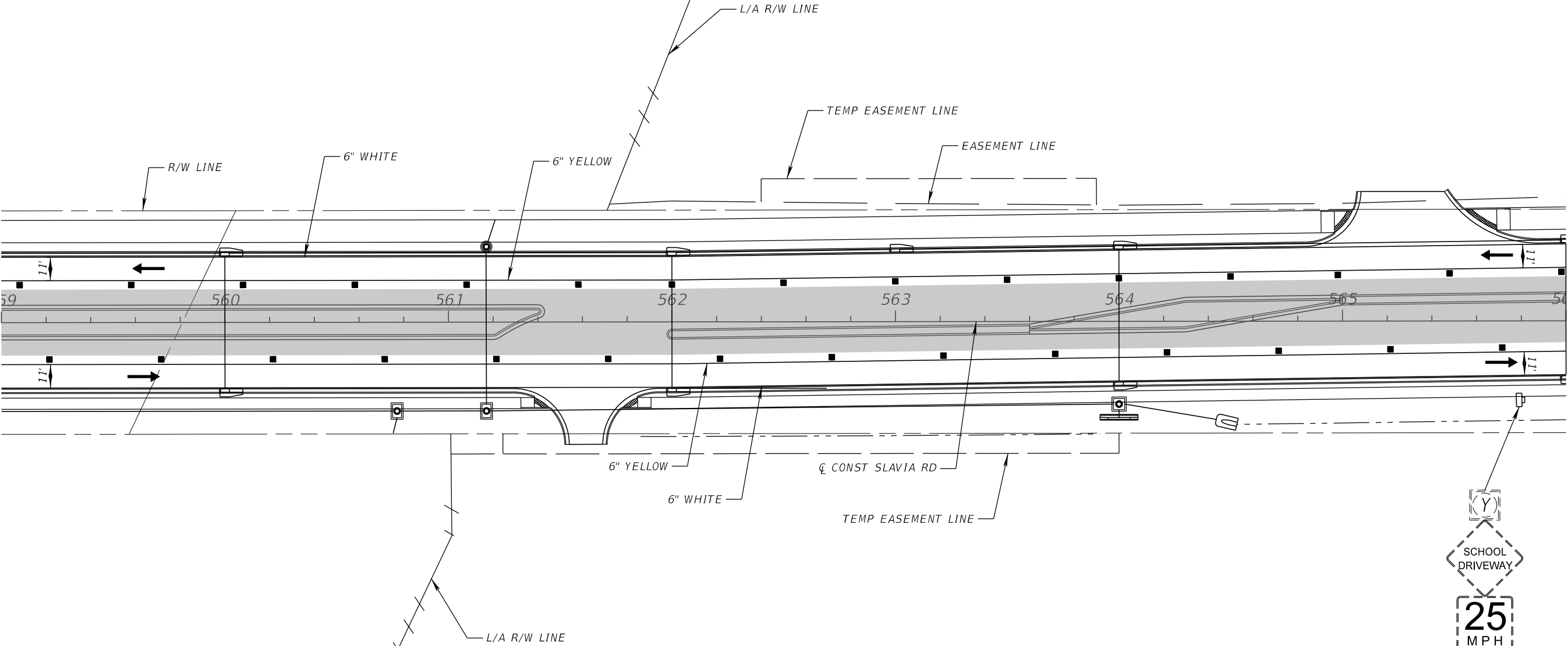
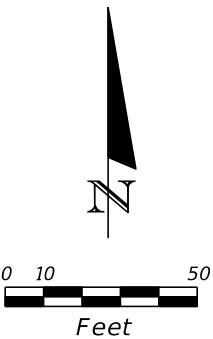


| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div><b>SEMINOLE COUNTY</b></div> <div>ROADCOUNTY PROJECT NO.CIP NO.</div> | TEMPORARY TRAFFIC<br>CONTROL PLAN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





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

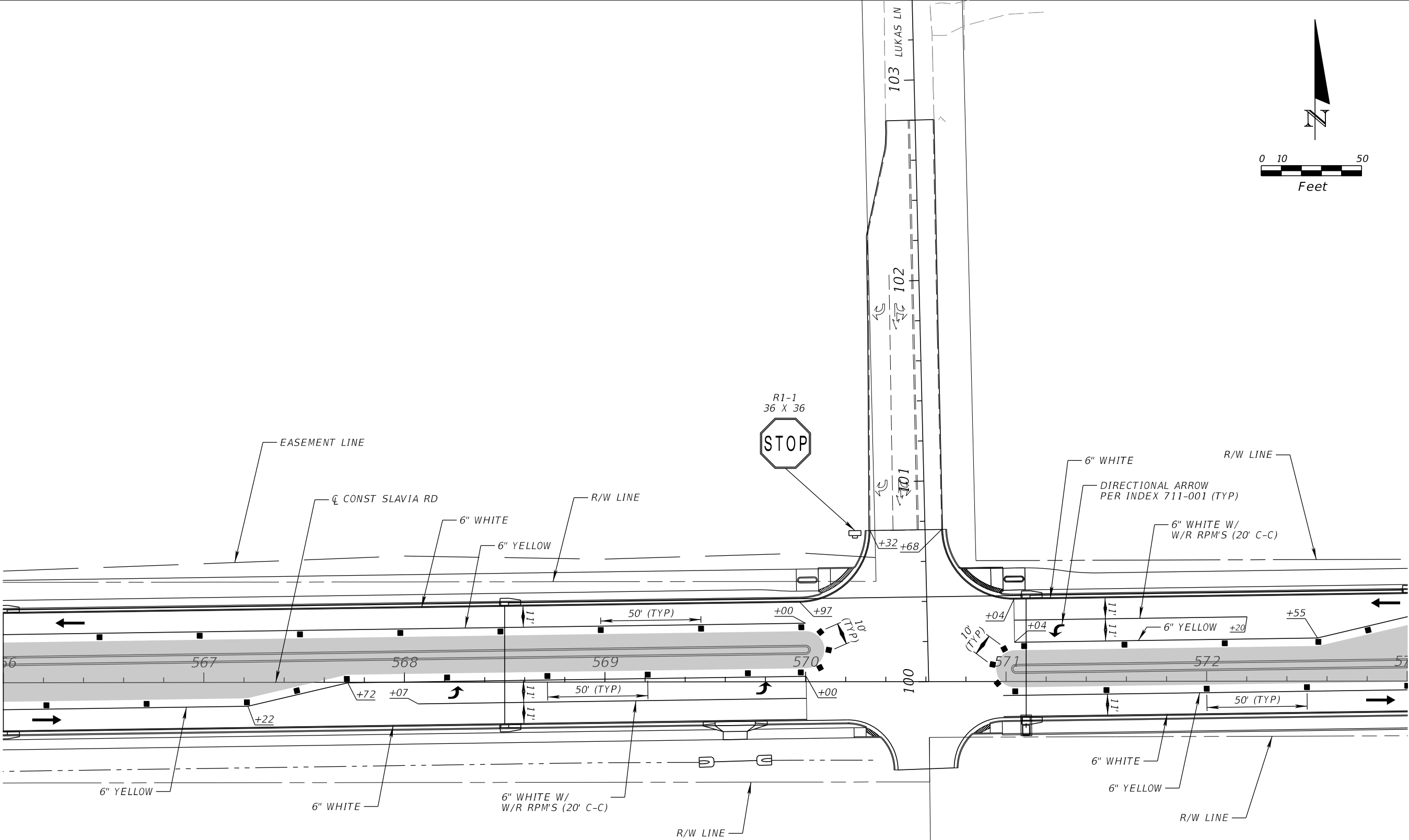
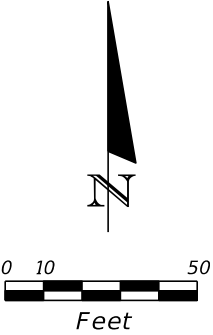


EXIST SIGN  
TO BE RELOCATED

PHASE III

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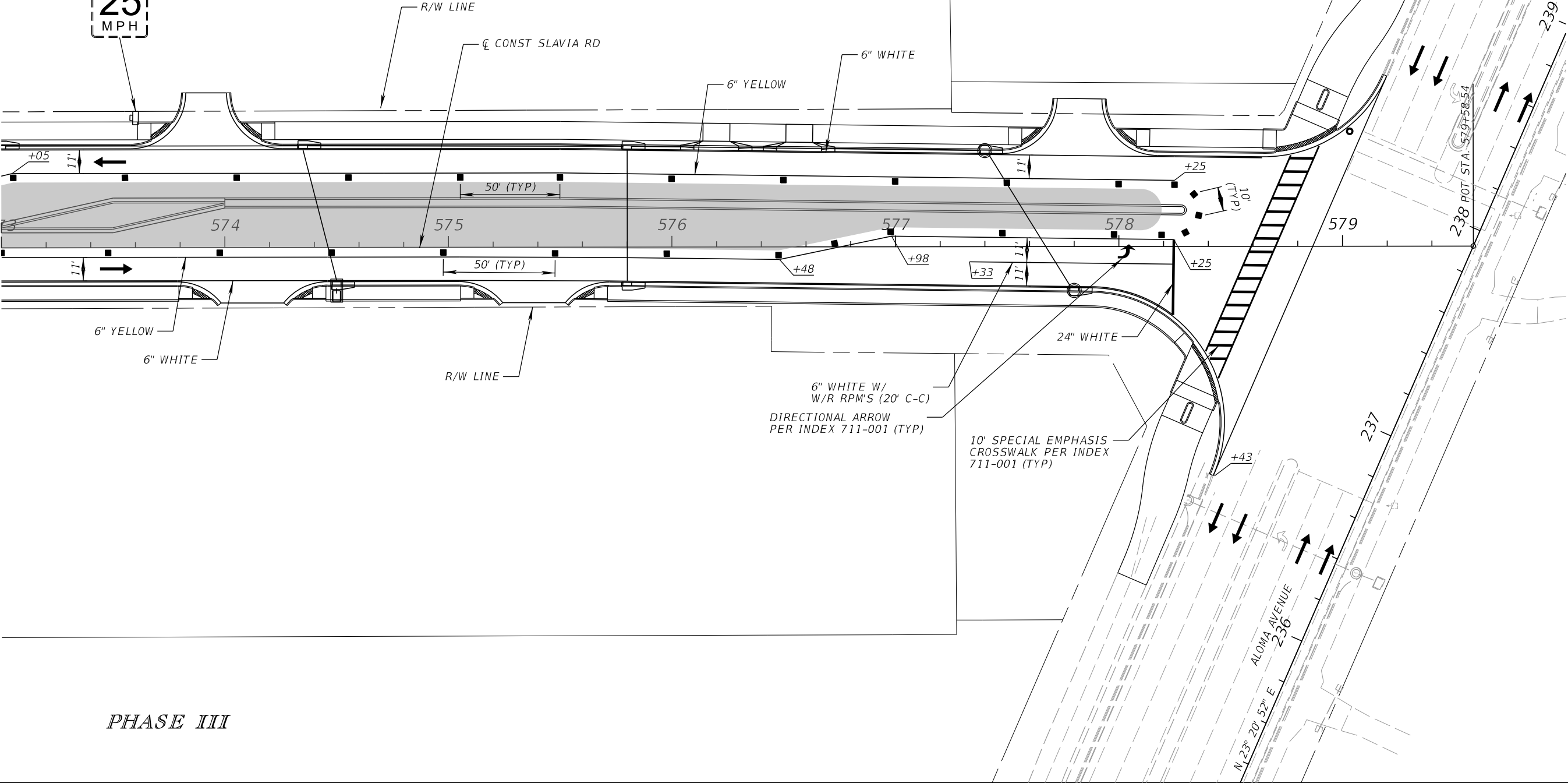
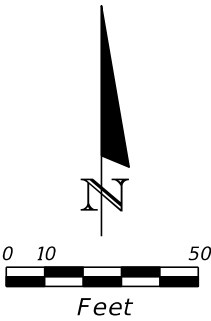


PHASE III

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

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 III

| REVISIONS |             |      |             | SCOTT M. BICKAR, P.E.<br>P.E. LICENSE NUMBER 82643<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    | TEMPORARY TRAFFIC<br>CONTROL PLAN | SHEET<br>NO. |
|-----------|-------------|------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                            | ROAD            | COUNTY PROJECT NO. |                                   |              |
|           |             |      |             |                                                                                                                                            | SLAVIA          | PS-2552-19/GCM     |                                   | 165          |

UTILITY ADJUSTMENTS NOTES  
=====

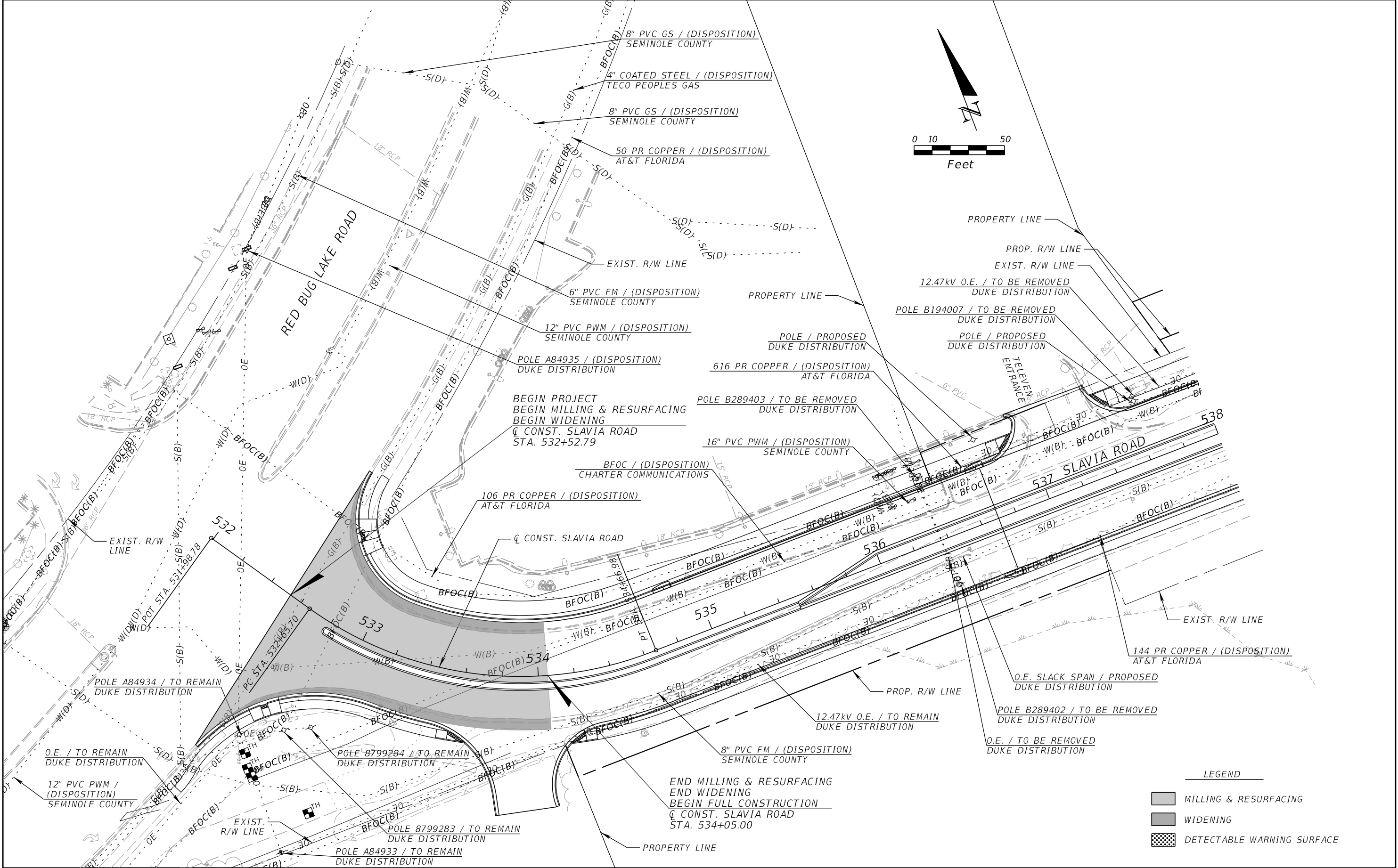
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN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

2. UTILITY/AGENCY OWNERS:

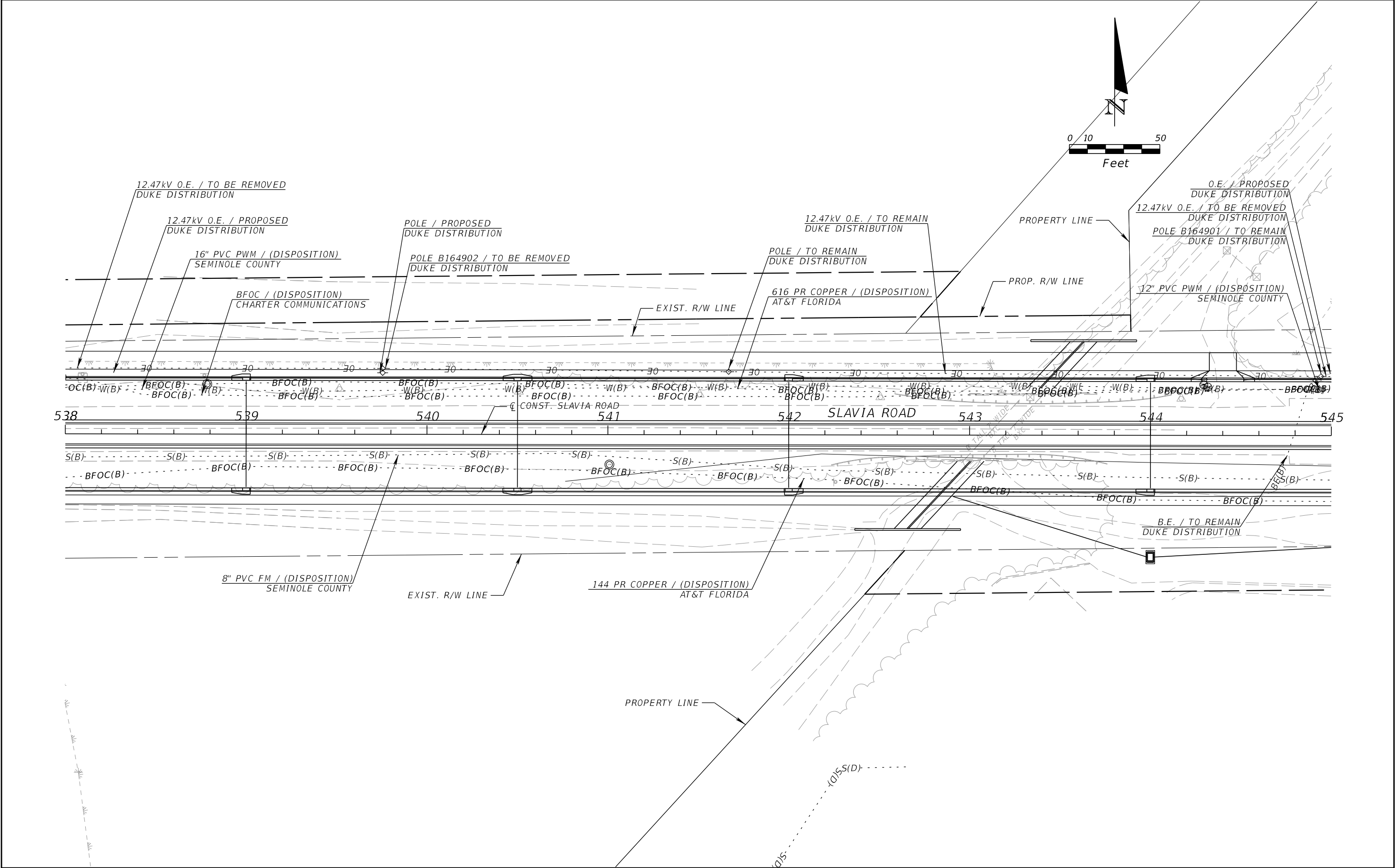
| COMPANY                   | CONTACT        | TELEPHONE NUMBERS |
|---------------------------|----------------|-------------------|
| AT&T FLORIDA DISTRIBUTION | DING FARRUGGIO | (561) 997-0240    |
| CENTURYLINK               | MARLON BROWN   | (877) 366-8344 X2 |
| CHARTER COMMUNICATIONS    | MARVIN 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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                    |          | UTILITY ADJUSTMENTS | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|---------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                 |                    |          |                     |           |
|           |             |      |             |                                                                                                                                          | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                     |           |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                          | PS-2552-19/GCM     | 01785146 |                     | 166       |

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

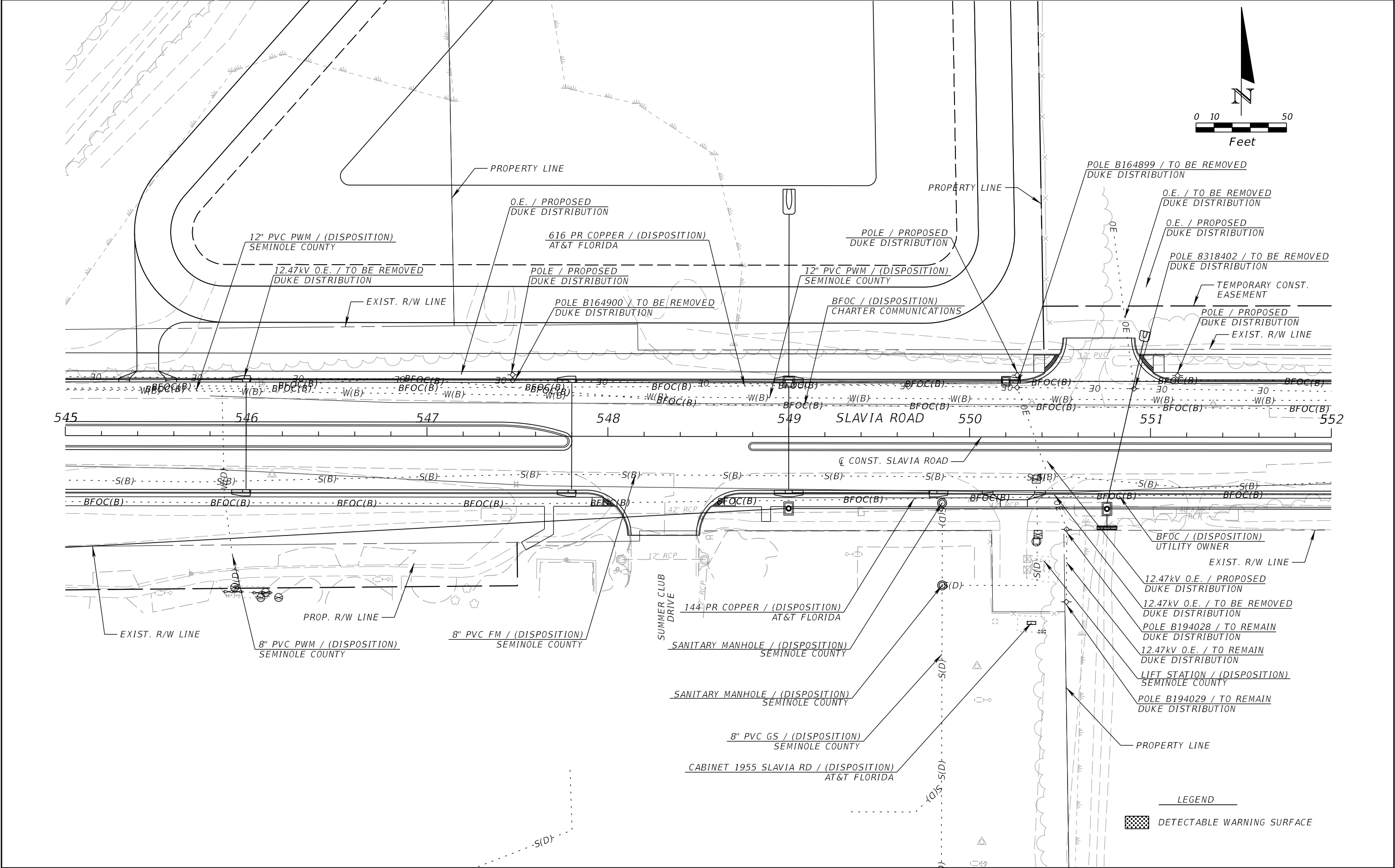


| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY GROUP |                    |          | UTILITY ADJUSTMENT (1)<br>SLAVIA ROAD | SHEET NO.<br>167 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------|----------|---------------------------------------|------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                    | COUNTY PROJECT NO. | CIP NO.  |                                       |                  |
|           |             |      |             |                                                                                                                                          | SLAVIA                                  | PS-2552-19/GCM     | 01785146 |                                       |                  |



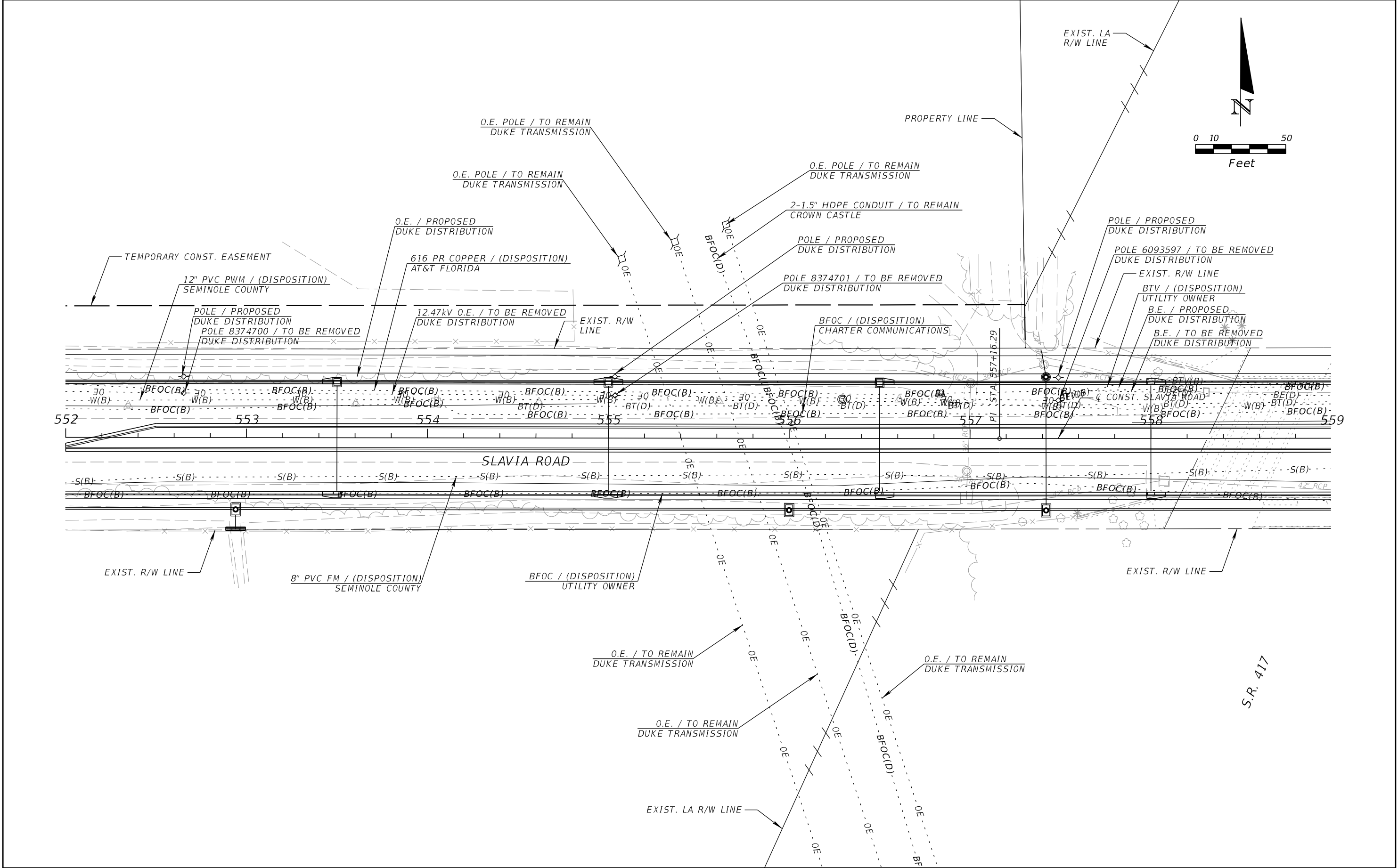
| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <div>SEMINOLE COUNTY</div> |                    |          | UTILITY ADJUSTMENT (2)<br><br>SLAVIA ROAD | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|-------------------------------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                            | COUNTY PROJECT NO. | CIP NO.  |                                           | 168       |
|           |             |      |             |                                                                                                                                          | 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.

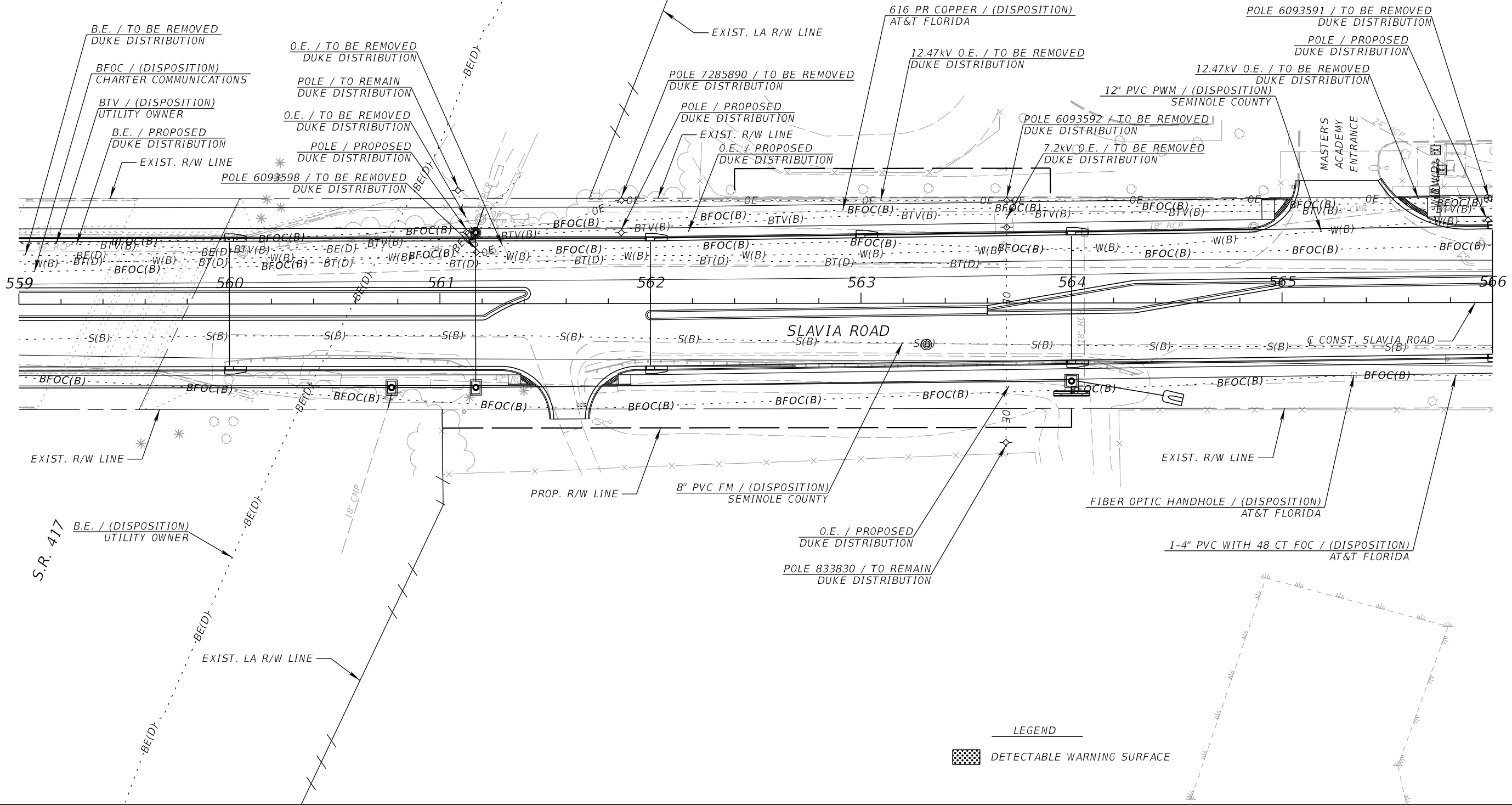
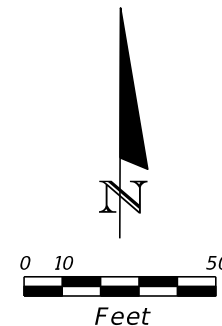


| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br>TRAFFIC SAFETY CENTER |                    |          | UTILITY ADJUSTMENT (3)<br>SLAVIA ROAD | SHEET NO.<br>169 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|----------|---------------------------------------|------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                     | COUNTY PROJECT NO. | CIP NO.  |                                       |                  |
|           |             |      |             |                                                                                                                                          | SLAVIA                                   | PS-2552-19/GCM     | 01785146 |                                       |                  |





| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | UTILITY ADJUSTMENT (4)<br>SLAVIA ROAD | SHEET NO.<br>170 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|---------------------------------------|------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                                       |                  |
|           |             |      |             |                                                                                                                                          | SLAVIA          | PS-2552-19/GCM     | 01785146 |                                       |                  |



| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | UTILITY ADJUSTMENT (5)<br><br>SLAVIA ROAD | SHEET NO.<br><br>171 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-------------------------------------------|----------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                                           |                      |
|           |             |      |             |                                                                                                                                          | SLAVIA          | PS-2552-19/GCM     | 01785146 |                                           |                      |







INDEX OF SUMMARY OF QUANTITIES

|               |                                                                                           |
|---------------|-------------------------------------------------------------------------------------------|
| SHEET NO.     | SHEET DESCRIPTION                                                                         |
| 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,<br>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        |   |              |                      |
|                           |                      |          |   |              |                      |
|                           |                      |          |   |              |                      |
|                           |                      |          |   |              |                      |
|                           |                      |          |   |              |                      |

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

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                                        | SIDE | AREA ID | SEDIMENT BARRIER |   | FLOATING TURBIDITY BARRIER |   | STAKED TURBIDITY BARRIER |   | INLET PROTECTION SYSTEM |   | DESIGN NOTES | CONSTRUCTION REMARKS |
| STA. TO STA.                                    |      |         | 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 |             |  |      | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|--|------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-----------------------|-----------|
| DATE      | DESCRIPTION |  | DATE |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. |          |                       |           |
|           |             |  |      |                                                                                                                                          |                 | CIP NO.            |          |                       |           |
|           |             |  |      |                                                                                                                                          | SLAVIA          | PS-2552-19/GCM     | 01785146 |                       | 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                                        | SIDE | AREA ID | SEDIMENT BARRIER |   | FLOATING TURBIDITY BARRIER |   | STAKED TURBIDITY BARRIER |   | INLET PROTECTION SYSTEM |   | DESIGN NOTES | CONSTRUCTION REMARKS |
| STA. TO STA.                                    |      |         | 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                      |   |              |                      |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br> SEMINOLE COUNTY |                    |          | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                                     | COUNTY PROJECT NO. | CIP NO.  |                       |           |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                                   | PS-2552-19/GCM     | 01785146 |                       | SQ-3      |

| 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      |   |        |           |            |   |   |              |                      |  |
|                                      | AREA ID                |       |                 |                  | L              | W | CYCLES | AREA      |            | AREA ID | L           | W | CYCLES | AREA      |            |   |   |              |                      |  |
|                                      |                        |       |                 |                  |                |   |        | AC/ CYCLE | TOTAL (AC) |         |             |   |        | AC/ CYCLE | TOTAL (AC) |   |   |              |                      |  |
|                                      | STA. TO STA.           |       |                 |                  |                |   |        |           | 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         |            |   |   |              |                      |  |
| SUB-TOTAL :                          |                        |       |                 |                  |                |   |        |           |            | 90.903  | SUB-TOTAL : |   |        |           |            |   |   |              |                      |  |
| TOTAL :                              |                        |       |                 |                  |                |   |        |           |            | 93.11   | TOTAL :     |   |        |           |            |   |   | 82.75        |                      |  |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>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 | SQ-4      |



| 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      |   |        |           |            |        |  |              |                      |  |
|                                      | AREA ID                |       |                 |                  | L              | W | CYCLES | AREA      |            | AREA ID | L           | W | CYCLES | AREA      |            |        |  |              |                      |  |
|                                      |                        |       |                 |                  |                |   |        | AC/ CYCLE | TOTAL (AC) |         |             |   |        | AC/ CYCLE | TOTAL (AC) |        |  |              |                      |  |
|                                      | STA. TO STA.           |       |                 |                  |                |   |        |           |            |         |             |   |        |           |            |        |  |              |                      |  |
| 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 :                          |                        |       |                 |                  |                |   |        |           |            | 2.21    | SUB-TOTAL : |   |        |           |            |        |  | 82.75        |                      |  |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>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 | SQ-5      |

## SUMMARY OF LITTER REMOVAL AND MOWING

[illegible]

| REVISIONS |                    |          |             | <div><div><div><div>SEMINOLE COUNTY<br/>FLORIDA NATURAL CORP.</div></div><div>SEMINOLE COUNTY</div></div><div>JOSEPH KEEZEL, P.E.<br/>P.E. LICENSE NUMBER 57501<br/>DEWBERRY ENGINEERS INC.<br/>800 NORTH MAGNOLIA AVENUE SUITE 1000<br/>ORLANDO, FL 32803</div></div> | <div><div><div><div>SEMINOLE COUNTY<br/>FLORIDA NATURAL CORP.</div></div><div>SEMINOLE COUNTY</div></div><div><table><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></div></div> |  |      | ROAD | COUNTY PROJECT NO. | CIP NO. | SLAVIA | PS-2552-19/GCM | 01785146 | <div>SUMMARY OF QUANTITIES</div> | SHEET NO. |
|-----------|--------------------|----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|------|--------------------|---------|--------|----------------|----------|----------------------------------|-----------|
| ROAD      | COUNTY PROJECT NO. | CIP NO.  |             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                 |  |      |      |                    |         |        |                |          |                                  |           |
| SLAVIA    | PS-2552-19/GCM     | 01785146 |             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                 |  |      |      |                    |         |        |                |          |                                  |           |
| DATE      | DESCRIPTION        | DATE     | DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                 |  |      |      |                    |         |        |                |          |                                  |           |
|           |                    |          |             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                 |  |      |      |                    |         |        |                |          |                                  |           |
|           |                    |          |             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                 |  | 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               | SIDE  | AREA ID | LENGTH | WIDTH | UNITS | SECONDARY UNITS (IF LUMP SUM) | QUANTITY |   | TOTAL |   | DESIGN NOTES | CONSTRUCTION REMARKS |
|                                                  |                              | STA. TO STA.           |       |         |        |       |       | 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     |   |       |   |              |                      |
|                                                  |                              |                        |       |         |        |       |       |                               |          |   |       |   |              |                      |

|       |                      |         |                                                         |
|-------|----------------------|---------|---------------------------------------------------------|
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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 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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | <br>SEMINOLE COUNTY<br>TRAFFIC SIGNALS CENTER | SEMINOLE COUNTY |                    | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          |                                                                                                                                    | ROAD            | COUNTY PROJECT NO. |                       | CIP NO.   |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                                             | PS-2552-19/GCM  | 01785146           |                       | SQ-8      |

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               | SIDE  | AREA ID | UNIT | QUANTITY     |            |        |            |   | TOTAL |   | DESIGN NOTES | CONSTRUCTION REMARKS |
|                                                    |                                 | STA. TO STA.           |       |         |      | GROSS LENGTH | DEDUCTIONS |        | NET LENGTH |   | P     | F |              |                      |
|                                                    |                                 |                        |       |         |      |              | TYPE       | LENGTH | P          | F | 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    |         |      |              |            |        |            |   |       |   |              |                      |

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| SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS |                                                       |                        |      |         |      |              |                 |        |                |       |     |              |                      |  |
|----------------------------------------------------|-------------------------------------------------------|------------------------|------|---------|------|--------------|-----------------|--------|----------------|-------|-----|--------------|----------------------|--|
| PAY ITEM NO.                                       | PAY ITEM DESCRIPTION                                  | LOCATION               | SIDE | AREA ID | UNIT | QUANTITY     |                 |        |                | TOTAL |     | DESIGN NOTES | CONSTRUCTION REMARKS |  |
|                                                    |                                                       | STA. TO STA.           |      |         |      | GROSS LENGTH | DEDUCTIONS TYPE | LENGTH | NET LENGTH P F |       | 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           |       |     |              |                      |  |
|                                                    |                                                       | 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 2 2                                           | Concrete Curb , Type B                                | 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           |       |     |              |                      |  |
| 0520 70                                            | Concrete Traffic Separator , Special - Variable Width | 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          |       |     |              |                      |  |
|                                                    |                                                       |                        |      |         |      |              |                 |        |                |       |     |              |                      |  |

| REVISIONS |             |      |             | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | SUMMARY OF QUANTITIES | SHEET NO.<br><br>SQ-10 |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-----------------------|------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. |          |                       |                        |
|           |             |      |             |                                                                                                                                          |                 | CIP NO.            |          |                       |                        |
|           |             |      |             | SLAVIA                                                                                                                                   | PS-2552-19/GCM  |                    | 01785146 |                       |                        |

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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 SIDEWALK & DETECTABLE WARNINGS |      |         |        |       |                  |   |                  |   |                     |   |              |                      |
|-------------------------------------------|------|---------|--------|-------|------------------|---|------------------|---|---------------------|---|--------------|----------------------|
| LOCATION                                  | 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                  |   |              |                      |
| STA. TO STA.                              |      |         |        |       | 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 |             |  |      | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |  |        | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|--|------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|--------|-----------------------|-----------|
| DATE      | DESCRIPTION |  | DATE |                                                                                                                                          | DESCRIPTION                                                                                           |  | ROAD   |                       |           |
|           |             |  |      |                                                                                                                                          |                                                                                                       |  | SLAVIA | PS-2552-19/GCM        | 01785146  |

| SUMMARY OF SIDEWALK & DETECTABLE WARNINGS |      |         |        |       |                  |   |                  |   |                     |   |              |                      |
|-------------------------------------------|------|---------|--------|-------|------------------|---|------------------|---|---------------------|---|--------------|----------------------|
| LOCATION                                  | 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                  |   |              |                      |
| STA. TO STA.                              |      |         |        |       | 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 |             |  |      | JOSEPH KEEZEL, P.E.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 |  SEMINOLE COUNTY |        |                    | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|--|------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------|--------------------|-----------------------|-----------|
| DATE      | DESCRIPTION |  | DATE |                                                                                                                                          | DESCRIPTION                                                                                           | ROAD   | COUNTY PROJECT NO. |                       |           |
|           |             |  |      |                                                                                                                                          |                                                                                                       | SLAVIA | PS-2552-19/GCM     | 01785146              |           |
|           |             |  |      |                                                                                                                                          |                                                                                                       |        |                    |                       |           |



| SUMMARY OF SIDEWALK & DETECTABLE WARNINGS |      |         |        |       |                  |   |                  |   |                     |   |              |                      |
|-------------------------------------------|------|---------|--------|-------|------------------|---|------------------|---|---------------------|---|--------------|----------------------|
| LOCATION                                  | 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               |   |                     |   |              |                      |
| STA. TO STA.                              |      |         |        |       | 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<br>NO.         | PAY ITEM DESCRIPTION       | LOCATION             | UNIT | QUANTITY |   | TOTAL   |   | DESIGN<br>NOTES | CONSTRUCTION<br>REMARKS |
|                         |                            | STATION              |      | P        | F | P       | F |                 |                         |
| 400- 2- 1               | CONCRETE CLASS II, 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               | 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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY<br> SEMINOLE COUNTY |                    |          | SUMMARY OF QUANTITIES | SHEET<br>NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD                                                                                                                     | COUNTY PROJECT NO. | CIP NO.  |                       |              |
|           |             |      |             |                                                                                                                                          | SLAVIA                                                                                                                   | PS-2552-19/GCM     | 01785146 |                       | SQ-13        |

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| SUMMARY OF PERFORMANCE TURF |      |         |        |       |                        |     |              |                      |
|-----------------------------|------|---------|--------|-------|------------------------|-----|--------------|----------------------|
| LOCATION                    | 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.<br>P.E. LICENSE NUMBER 57501<br>DEWBERRY ENGINEERS INC.<br>800 NORTH MAGNOLIA AVENUE SUITE 1000<br>ORLANDO, FL 32803 | SEMINOLE COUNTY |                    |          | SUMMARY OF QUANTITIES | SHEET<br>NO. |
|-----------|-------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------|-----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |                                                                                                                                          | ROAD            | COUNTY PROJECT NO. | CIP NO.  |                       |              |
|           |             |      |             |                                                                                                                                          | SLAVIA          | PS-2552-19/GCM     | 01785146 |                       | SQ-14        |
|           |             |      |             |                                                                                                                                          |                 |                    |          |                       |              |

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