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 Date: 2026.03.30 14:16:31 -05'00'

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TENNESSEE DEPARTMENT OF TRANSPORTATION  
 ADMINISTRATION BUILDING, FIRST FLOOR  
 300 BENCHMARK PLACE  
 JACKSON, TN 38301  
 ELIZABETH DAVID, P.E. NO. 124129

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

| SHEET NAME  | SHEET NO.     |
|---|---------------|
| SIGNATURE SHEET .....   | ROADWAY-SIGN1 |
| TITLE SHEET .....   | 1             |
| ROADWAY INDEX, STANDARD ROADWAY DRAWINGS AND TRAFFIC                          |               |
| DESIGN DRAWINGS .....   | 1A            |
| ESTIMATED ROADWAY QUANTITIES .....  | 2             |
| TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....                                  | 2B, 2B1, 2B2  |
| GENERAL NOTES.....  | 2C, 2C1       |
| SPECIAL NOTES.....  | 2D            |
| ENVIRONMENTAL NOTES.....  | 2E            |
| TABULATED QUANTITIES .....  | 2F            |
| RIGHT-OF-WAY NOTES, ACQUISITION TABLE, UTILITY NOTES AND UTILITY OWNERS ..... | 3             |
| PROPERTY MAP(S).....  | 3A – 3B       |
| PRESENT LAYOUT(S).....  | 4 – 5         |
| RIGHT OF WAY DETAILS.....   | 4A – 5A       |
| PROPOSED LAYOUT(S) .....  | 4B – 5B       |
| PROPOSED PROFILE(S) .....   | 4C – 5C       |
| SIDE ROADS PROFILE(S).....  | 6 – 7         |
| PRIVATE DRIVE AND FIELD ENTRANCE PROFILE(S) .....                             | 8 - 9         |
| DRAINAGE MAP(S).....  | 10 – 11       |
| EROSION PREVENTION AND SEDIMENT CONTROL PLANS .....                           | 12, 13-15A    |
| SIGNING AND PAVEMENT MARKING PLAN(S).....                                     | 16 – 17       |
| SIGN SCHEDULE.....  | 18            |
| ROADWAY CROSS SECTIONS .....  | 19 – 28       |
| SIDE ROAD CROSS SECTIONS.....   | 29 – 32       |
| TRAFFIC CONTROL PLANS .....   | T1-T5A        |

| YEAR | PROJECT NO.   | SHEET NO.     |
|------|---------------|---------------|
| 2026 | PHSIP-100(68) | ROADWAY-SIGN1 |
|      |               |               |
|      |               |               |

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE  
SHEET**

Index Of Sheets  
SEE SHEET NO. 1A

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

|  |     |      |
|--|-----|------|
| DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86 | YES | NO X |
| WORK ZONE SIGNIFICANCE DETERMINATION             |     |      |
| SIGNIFICANT                                      | YES | NO X |
| RAILROAD INVOLVEMENT                             | YES | NO X |

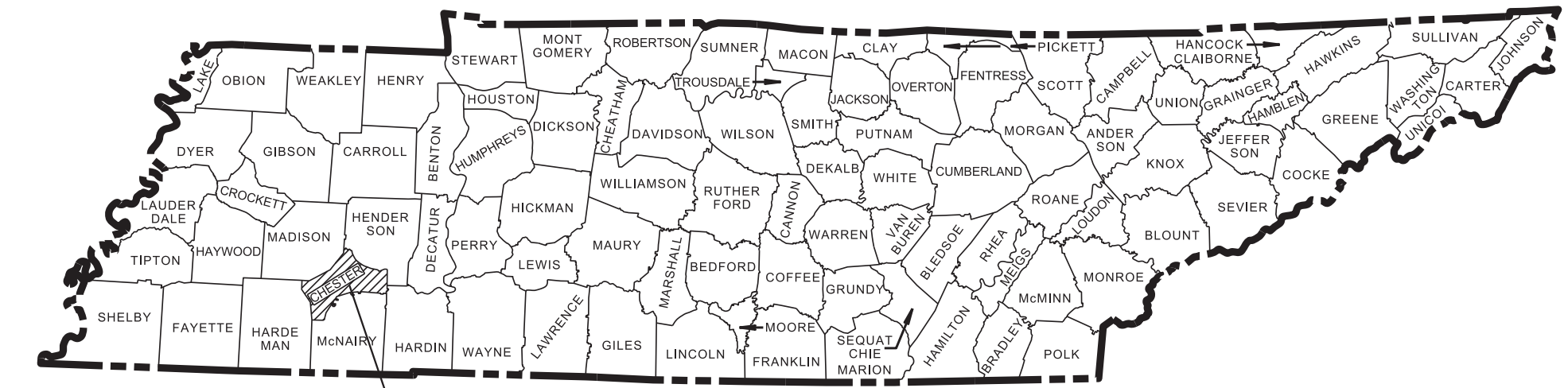
|                    |               |           |
|--------------------|---------------|-----------|
| TENN.              | YEAR          | SHEET NO. |
|                    | 2026          | 1         |
| FED. AID PROJ. NO. | PHSIP-100(68) |           |
| STATE PROJ. NO.    | 12006-3218-94 |           |

**CHESTER COUNTY**

SR-100  
INTERSECTION AT SR-225, L.M. 7.78

PS&E  
TURN LANES, WIDENING

STATE HIGHWAY NO. 100 U.S. ROUTE NO. N.A.



PROJECT LOCATION

ADJACENT PROJECT  
PIN 123929.00  
RESURFACING  
L.M. 10.25 TO L.M. 14.16

NO EXCLUSIONS

ROAD TO BE  
CONSTRUCTED  
UNDER TRAFFIC

12006-3218-94  
END PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 70+83.00

N 404108.5182 E 1163310.7782

12006-2218-94

END PROJECT NO. PHSIP-100(68) R.O.W.

STA. 70+25.00

N 404092.9472 E 1163254.9075

12006-2218-94

BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00

N 403723.8074 E 1161930.3846

12006-3218-94

BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00

N 403737.2307 E 1161978.5491

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED APRIL 1, 2026 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

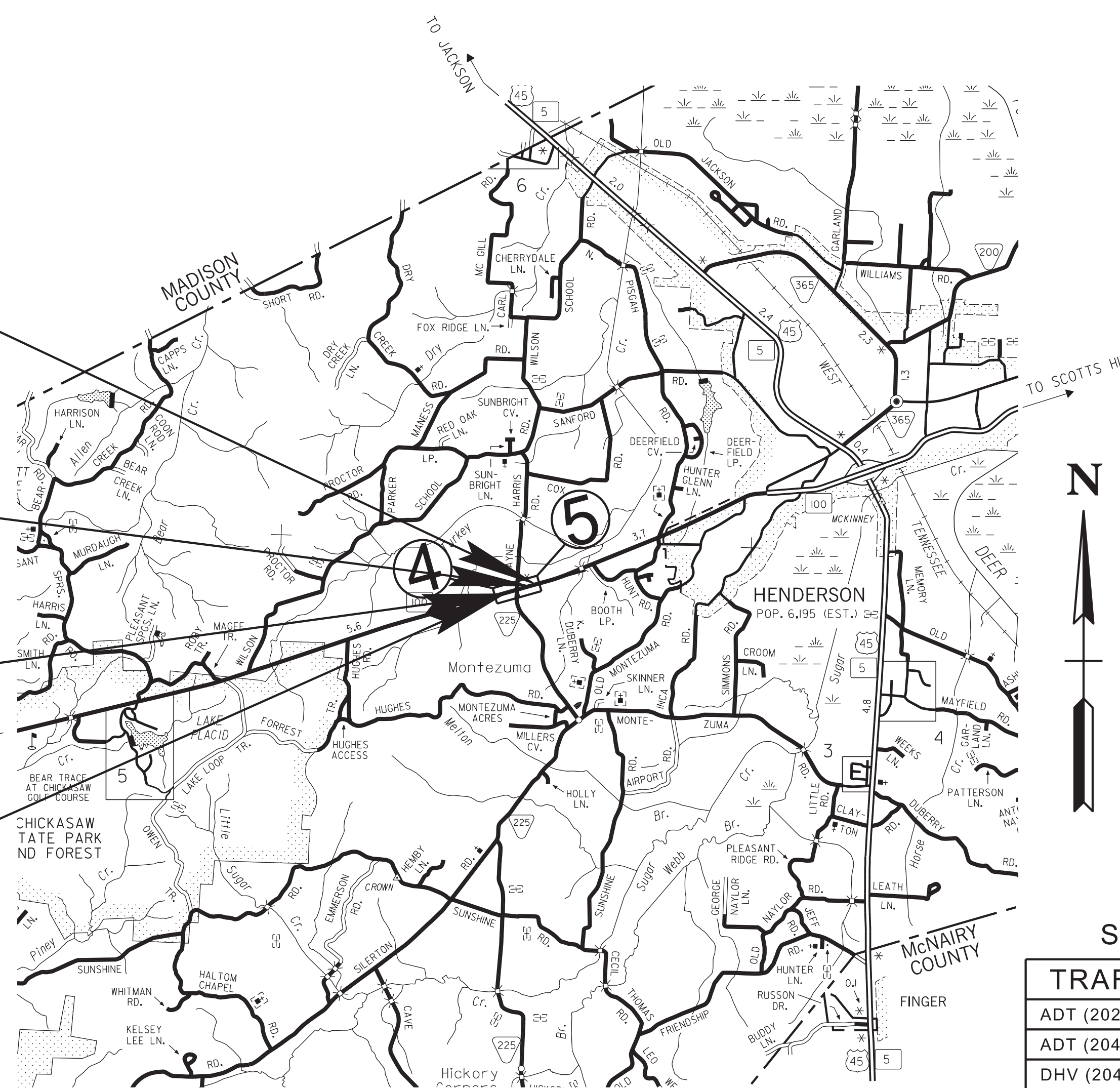
TDOT PROJECT MANAGER: ELI JONES, REG. 4

DESIGNER : GINA GOLIGHTLY, REG. 4

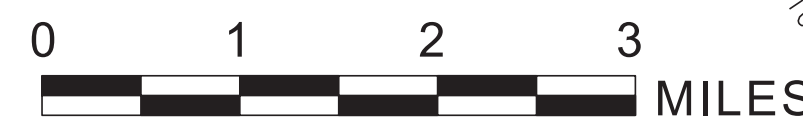
CHECKED BY : ELIZABETH DAVID, P.E., REG. 4

P.E. NO. 12006-1218-94 (DESIGN)

PIN NO. 120069.00



SCALE: 1"= 5280'



|                   |               |
|-------------------|---------------|
| R.O.W. LENGTH     | 0.260 MILES   |
| ROADWAY LENGTH    | 0.261 MILES   |
| BRIDGE LENGTH     | 0.000 MILES   |
| BOX BRIDGE LENGTH | 0.000 MILES   |
| BOX BRIDGE LENGTH | 0.000 MILES ▲ |
| PROJECT LENGTH    | 0.261 MILES   |

▲ Not included in the project length (Non Riding Surface).

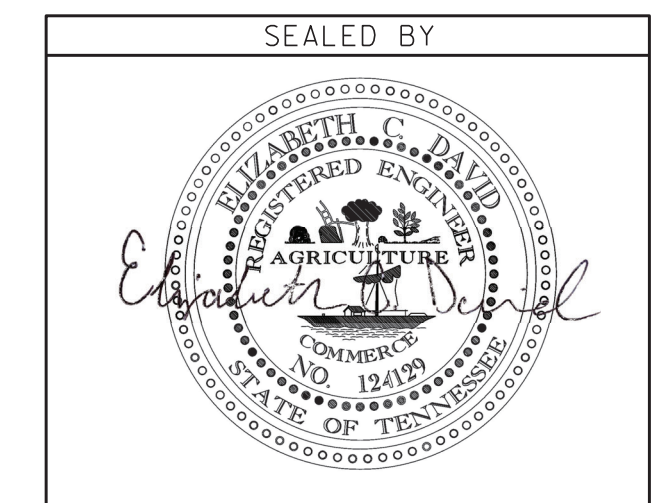
|              | SR-100  | SR-225          |
|--------------|---------|-----------------|
| TRAFFIC DATA |         |                 |
| ADT (2026)   | 3470    | ADT (2026) 1430 |
| ADT (2046)   | 3820    | ADT (2046) 1580 |
| DHV (2046)   | 389     | DHV (2046) 153  |
| D            | 55 - 45 | D 60 - 40       |
| T (ADT)      | 12 %    | T (ADT) 6 %     |
| T (DHV)      | 8 %     | T (DHV) 4 %     |
| V            | 60 MPH  | V 60 MPH        |

SURVEY 06/19/14

UPDATED 08/18/15

UPDATED 09/13/22

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.



APPROVED:

*Shane Hester*

SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:

*Will Reid*

WILL REID, COMMISSIONER

30-MAR-2026 09:43 \\TDOT\04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\B\Chester\SR 100\Project\001.dgn

# ROADWAY INDEX

| SHEET NAME  | SHEET NO.     |
|---|---------------|
| SIGNATURE SHEET .....   | ROADWAY-SIGN1 |
| TITLE SHEET .....   | 1             |
| ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND TRAFFIC DESIGN DRAWINGS.....    | 1A            |
| ESTIMATED ROADWAY QUANTITIES.....   | 2             |
| TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....                                   | 2B, 2B1, 2B2  |
| GENERAL NOTES .....   | 2C, 2C1       |
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| SIDE ROAD CROSS SECTIONS .....  | 29 – 32       |
| TRAFFIC CONTROL PLANS .....   | T1 – T5A      |
| STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS .....                     | S-1           |
| UTILITY PLANS .....   | U1-1          |

NOTE:  
 THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.  
 NO PROJECT COMMITMENTS IN THIS SET OF PLANS.

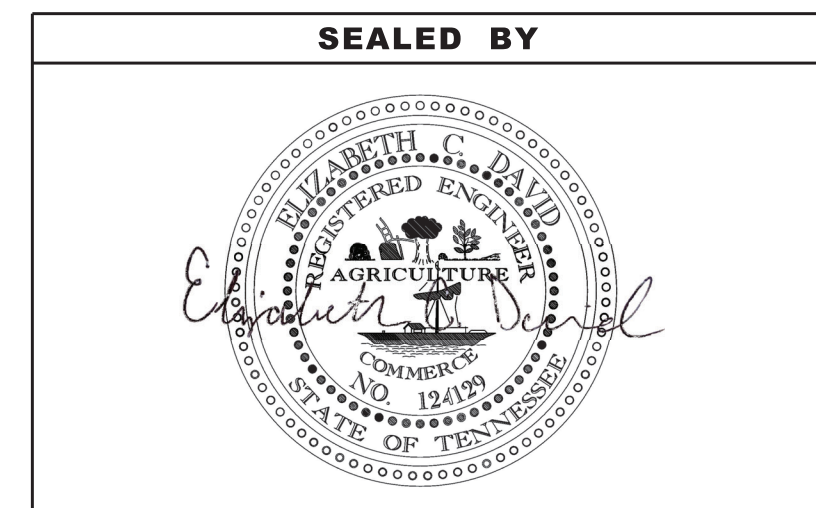
# STANDARD ROADWAY DRAWINGS

| DWG.   | REV.     | DESCRIPTION   |
|--|----------|---|
| <b>STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS</b>          |          |   |
| RD-TP-1  | 09-26-16 | STANDARD ROADWAY DRAWINGS TITLE SHEET   |
| RD-A-1   | 02-20-20 | STANDARD ABBREVIATIONS A THROUGH L  |
| RD-A-2   |          | STANDARD ABBREVIATIONS M THROUGH Z  |
| RD-L-1   | 01-30-26 | STANDARD LEGEND   |
| RD-L-1A  |          | STANDARD LEGEND   |
| RD-L-2   | 02-20-20 | STANDARD LEGEND FOR UTILITY INSTALLATIONS   |
| RD-L-5   | 07-30-24 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL                         |
| RD-L-6   | 02-20-20 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL                         |
| RD-L-7   | 02-20-20 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL                         |
| <b>ROADWAY DESIGN STANDARDS</b>  |          |   |
| RD18-TS-5A   | 01-30-26 | RURAL MINOR ARTERIAL (2-3 LANE)   |
| RD11-S-11  |          | DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT                      |
| RD11-S-11A   |          | ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION                                  |
| <b>AQUATIC ORGANISM PASSAGE (AOP) DESIGN, PIPE CULVERTS AND ENDWALLS</b> |          |   |
| D-PB-1   | 03-01-23 | STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION                                     |
| D-PE-18A   | 06-28-19 | TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE   |
| D-SEW-1A   | 01-30-26 | TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE |
| <b>ROADWAY, PAVEMENT APPURTENANCES, AND FENCES</b>                       |          |   |
| RP-D-15  | 04-01-25 | DETAILS OF STANDARD CONCRETE DRIVEWAYS  |
| RP-R-1   | 04-21-25 | STANDARD RAMP DETAILS FOR ROADWAYS AND DRIVEWAYS                                    |
| S-RP-2   | 06-28-19 | STANDARD CONCRETE RIGHT-OF-WAY MARKERS  |
| <b>EROSION PREVENTION AND SEDIMENT CONTROL</b>                           |          |   |
| EC-STR-3B  | 06-15-21 | SILT FENCE  |
| EC-STR-3E  | 04-01-08 | SILT FENCE FABRIC JOINING DETAILS   |
| EC-STR-37  | 06-10-14 | SEDIMENT TUBE   |
| EC-STR-6A  | 05-06-16 | ENHANCED ROCK CHECK DAM   |
| EC-STR-11  | 03-16-17 | CULVERT PROTECTION TYPE 1   |
| EC-STR-25  | 08-01-12 | TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD                    |

# STANDARD TRAFFIC DESIGN DRAWINGS

| DWG.                    | REV.     | DESCRIPTION   |
|-------------------------|----------|---|
| <b>SIGNS</b>            |          |   |
| T-S-9                   | 07-30-25 | STANDARD LAYOUT GROUND MOUNTED SIGNS  |
| T-S-10                  | 07-30-25 | STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN                          |
| T-S-16                  | 07-30-25 | GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS  |
| T-S-16A                 | 07-02-15 | GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS  |
| T-S-17                  | 07-30-25 | STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE                        |
| T-S-19                  | 07-30-25 | STANDARD STEEL SIGN SUPPORTS  |
| T-S-20                  | 07-30-25 | SIGN DETAILS  |
| T-S-23A                 | 07-30-25 | MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT                                 |
| <b>PAVEMENT MARKING</b> |          |   |
| T-M-1                   | 01-24-25 | DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS             |
| T-M-3                   | 01-24-25 | MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS |
| T-M-4                   | 01-24-25 | STANDARD INTERSECTION PAVEMENT MARKINGS   |
| T-M-15A                 | 01-24-25 | ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES |
| T-M-16                  | 01-24-25 | RUMBLE STRIPE INSTALLATION LAYOUT   |
| T-M-16A                 | 01-24-25 | RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE                                 |
| <b>WORKZONE</b>         |          |   |
| T-WZ-10                 | 03-26-25 | ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS  |
| T-WZ-21                 | 03-26-25 | LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT  |
| T-WZ-FAB1               | 03-26-25 | FLASHING YELLOW ARROW BOARD   |
| T-WZ-PBR1               | 03-26-25 | INTERCONNECTED PORTABLE BARRIER RAIL  |
| T-WZ-PBR2               | 03-26-25 | DETAILS FOR WORK ZONE CHANNELIZATION DEVICES  |
| T-WZ-PCB3               | 03-26-25 | PORTABLE CONCRETE BARRIER RAIL DETAILS  |
| T-WZ-PCB4               | 07-22-25 | PORTABLE CONCRETE BARRIER RAIL ANCHOR PIN DETAILS   |

| TYPE  | YEAR | PROJECT NO.   | SHEET NO. |
|-------|------|---------------|-----------|
| P.I.H | 2025 | PHSIP-100(68) | 1A        |
| PS&E  | 2026 | PHSIP-100(68) | 1A        |
|       |      |               |           |



**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

ROADWAY INDEX,  
 STANDARD ROADWAY  
 DRAWINGS, AND  
 TRAFFIC DESIGN  
 DRAWINGS

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| TYPE  | YEAR | PROJECT NO.   | SHEET NO. |
|-------|------|---------------|-----------|
| P.I.H | 2025 | PHSIP-100(68) | 2         |
| PS&E  | 2026 | PHSIP-100(68) | 2         |
|       |      |               |           |

### ESTIMATED ROADWAY QUANTITIES

| ITEM NO.             | DESCRIPTION  | UNIT | QUANTITY<br>12006-3218-94 |
|----------------------|--|------|---------------------------|
| 105-01               | CONSTRUCTION STAKES, LINES AND GRADES                  | LS   | 1                         |
| 201-01               | CLEARING AND GRUBBING                                  | LS   | 1                         |
| 202-02.01            | REMOVAL OF PIPE (12" RCP, STA. 57+81.89)               | L.F. | 24                        |
| 202-02.02            | REMOVAL OF PIPE (18" RCP, STA. 60+65.39)               | L.F. | 20                        |
| 202-02.03            | REMOVAL OF PIPE (15" RCP, STA. 67+44.41)               | L.F. | 25                        |
| 202-02.04            | REMOVAL OF PIPE (18" RCP, STA. 69+55.30)               | L.F. | 30                        |
| (1) 202-03           | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.              | S.Y. | 75                        |
| (2) 202-03.01        | REMOVAL OF ASPHALT PAVEMENT                            | S.Y. | 1000                      |
| (3)(4)(5)(6) 203-01  | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)              | C.Y. | 3947                      |
| (5) 203-03           | BORROW EXCAVATION (UNCLASSIFIED)                       | C.Y. | 18                        |
| (3)(7) 203-04        | PLACING AND SPREADING TOPSOIL                          | C.Y. | 400                       |
| 203-06               | WATER  | M.G. | 26                        |
| (8) 204-08.01        | BACKFILL MATERIAL (FLOWABLE FILL)                      | C.Y. | 6                         |
| (3)(6) 209-05        | SEDIMENT REMOVAL                                       | C.Y. | 55                        |
| (3)(6) 209-08.03     | TEMPORARY SILT FENCE (WITHOUT BACKING)                 | L.F. | 1188                      |
| (3)(6) 209-08.08     | ENHANCED ROCK CHECK DAM                                | EACH | 2                         |
| (3)(6) 209-09.01     | SANDBAGS   | BAG  | 25                        |
| (3)(6) 209-20.04     | POLYETHYLENE SHEETING (10 MIL.)                        | S.Y. | 200                       |
| (9)(4)(2) 303-01     | MINERAL AGGREGATE, TYPE A BASE, GRADING D              | TON  | 2942                      |
| (3)(7) 303-10.01     | MINERAL AGGREGATE (SIZE 57)                            | TON  | 17                        |
| (4) 307-01.01        | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A     | TON  | 228                       |
| (4)(2) 307-01.08     | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2  | TON  | 389                       |
| (4) 402-01           | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                | TON  | 4                         |
| (7)(4) 402-02        | AGGREGATE FOR COVER MATERIAL (PC)                      | TON  | 14                        |
| (4)(2) 403-01        | BITUMINOUS MATERIAL FOR TACK COAT (TC)                 | TON  | 3.66                      |
| (2) 407-20.05        | SAW CUTTING ASPHALT PAVEMENT                           | L.F. | 1966                      |
| (2)(4) 411-01.10     | ACS MIX(PG64-22) GRADING D                             | TON  | 495                       |
| 411-12.03            | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH) | L.M. | 0.45                      |
| (4) 415-01.01        | COLD PLANING BITUMINOUS PAVEMENT                       | TON  | 263                       |
| (4)(10) 607-39.02    | 18" PIPE CULVERT (SIDE DRAIN)                          | L.F. | 74                        |
| 611-07.31            | 18IN ENDWALL (SIDE DRAIN)                              | EACH | 8                         |
| (17) 621-03.02       | 18" TEMPORARY DRAINAGE PIPE                            | L.F. | 72                        |
| 701-02.02            | CONCRETE DRIVEWAY (8")                                 | S.F. | 2740                      |
| 708-02.01            | MARKERS (CONCRETE R.O.W. POSTS)                        | EACH | 20                        |
| (3)(4)(17) 709-05.05 | MACHINED RIP-RAP (CLASS A-3)                           | TON  | 200                       |
| (3)(7) 709-05.06     | MACHINED RIP-RAP (CLASS A-1)                           | TON  | 91                        |
| (2) 712-01           | TRAFFIC CONTROL  | LS   | 1                         |
| (2) 712-02.02        | INTERCONNECTED PORTABLE BARRIER RAIL                   | L.F. | 1767                      |
| (2)(11) 712-02.60    | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)          | EACH | 16                        |
| (2) 712-04.01        | FLEXIBLE DRUMS (CHANNELIZING)                          | EACH | 167                       |
| (2) 712-04.50        | BARRIER RAIL DELINEATOR                                | EACH | 89                        |
| (2) 712-05.01        | WARNING LIGHTS (TYPE A)                                | EACH | 21                        |
| (2) 712-05.03        | WARNING LIGHTS (TYPE C)                                | EACH | 175                       |
| (2)(18) 712-06       | SIGNS (CONSTRUCTION)                                   | S.F. | 594                       |
| (2) 712-07.03        | TEMPORARY BARRICADES (TYPE III)                        | L.F. | 56                        |
| 712-09.02            | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)           | L.F. | 1768                      |
| 712-09.08            | REMOVABLE PAVEMENT MARKING (6" line)                   | L.F. | 8835                      |
| 713-02.21            | SIGN POST DELINEATION ENHANCEMENT                      | L.F. | 14                        |
| 713-11.21            | P POST SLIP BASE                                       | EACH | 5                         |
| 713-16.01            | CHANGEABLE MESSAGE SIGN UNIT                           | EACH | 2                         |
| (12) 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                         | EACH | 14                        |
| (13) 713-16.20       | SIGNS (D1-1, MONTEZUMA)                                | EACH | 1                         |
| (13) 713-16.21       | SIGNS (TN-22A, M3-4P, TN-6D)                           | EACH | 1                         |
| (13) 713-16.22       | SIGNS (R2-1)   | EACH | 1                         |
| (13) 713-16.23       | SIGNS (D1-2, CHICKASAW STATE PARK)                     | EACH | 1                         |
| (13) 713-16.24       | SIGNS (M3-3, TN-6B, M6-1)                              | EACH | 1                         |
| (13) 713-16.25       | SIGNS (D3-1, R1-1)                                     | EACH | 1                         |
| (13) 713-16.26       | SIGNS (TN-30)  | EACH | 1                         |
| (13) 713-16.27       | SIGNS (R1-1)   | EACH | 1                         |
| (13) 713-16.28       | SIGNS (TN-22B, M3-4, TN-6D, M6-1)                      | EACH | 1                         |
| (13) 713-16.29       | SIGNS (TN-68B, M6-3)                                   | EACH | 1                         |

### ESTIMATED ROADWAY QUANTITIES

| ITEM NO.           | DESCRIPTION  | UNIT | QUANTITY<br>12006-3218-94 |
|--------------------|--|------|---------------------------|
| (13) 713-16.30     | SIGNS (M3-2, TN-6D, M6-1)                                | EACH | 1                         |
| (13) 713-16.31     | SIGNS (M3-3, TN-6B, M6-1)                                | EACH | 1                         |
| (13) 713-16.32     | SIGNS (D1-1, MONTEZUMA)                                  | EACH | 1                         |
| (13) 713-16.33     | SIGNS (TN-22A, M3-2, TN-6D)                              | EACH | 1                         |
| (2) 716-01.05      | TEMPORARY RAISED PAVEMENT MARKER                         | EACH | 45                        |
| (14) 716-01.21     | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)  | EACH | 105                       |
| (14) 716-01.22     | SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR) | EACH | 10                        |
| 716-01.30          | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER                | EACH | 9                         |
| (14)(15) 716-02.04 | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)        | S.Y. | 80                        |
| (14)(15) 716-02.05 | PLASTIC PAVEMENT MARKING (STOP LINE)                     | L.F. | 72                        |
| (14)(15) 716-02.06 | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)               | EACH | 2                         |
| (14) 716-02.08     | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)                | L.F. | 80                        |
| (14) 716-02.12     | PLASTIC PAVEMENT MARKING (8IN LINE)                      | L.M. | 0.04                      |
| (16) 716-05.04     | PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)       | S.Y. | 80                        |
| (16) 716-05.05     | PAINTED PAVEMENT MARKING (STOP LINE)                     | L.F. | 45                        |
| (16) 716-05.06     | PAINTED PAVEMENT MARKING (TURN LANE ARROW)               | EACH | 2                         |
| (16)(2) 716-05.20  | PAINTED PAVEMENT MARKING (6" LINE)                       | L.M. | 1.66                      |
| (16) 716-05.49     | PAINTED PAVEMENT MARKINGS(8" LINE)                       | L.M. | 0.04                      |
| (2) 716-08.01      | REMOVAL OF PAVEMENT MARKING (LINE)                       | L.F. | 1661                      |
| (14) 716-12.02     | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)           | L.M. | 1.4                       |
| 717-01             | MOBILIZATION   | LS   | 1                         |
| (3)(6) 740-10.03   | GEOTEXTILE (TYPE III)(EROSION CONTROL)                   | S.Y. | 559                       |
| (3)(6) 740-11.04   | TEMPORARY SEDIMENT TUBE 20IN                             | L.F. | 920                       |
| (3)(6) 801-01.07   | TEMPORARY SEEDING (WITH MULCH)                           | UNIT | 22                        |
| (3) 801-03         | WATER (SEEDING & SODDING)                                | M.G. | 27                        |
| (19) 803-01        | SODDING (NEWSOD)   | S.Y. | 2756                      |

### FOOTNOTES

- (1) FOR REMOVAL OF CONCRETE DRIVEWAY AT SR-100 STA. 60+65.06 RT.
- (2) SEE TABULATED TRAFFIC CONTROL QUANTITIES, SHEET T2, FOR DETAILS.
- (3) SEE TABULATED EPSC QUANTITIES, SHEET 12, FOR DETAILS.
- (4) SEE TABULATED QUANTITIES, SHEET 2F, FOR DETAILS.
- (5) SEE GRADING SPECIAL NOTES, SHEET 2D.
- (6) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY TDOT ENGINEER.
- (7) ITEM TO BE USED AS DIRECTED BY THE TDOT ENGINEER.
- (8) TO BE USED AT REMOVAL OF PIPE LOCATIONS.
- (9) INCLUDES 185 TONS FOR DRIVEWAYS.
- (10) THE BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVE THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREI OF AASHTO MASH FOR TEST LEVEL 3. THE PAY ITEM WILL INCLUDE FURNISHING AND INST/ ALL COMPONENTS SHOWN ON THE MANUFACTURER'S DRAWING.
- (11) REMOVE SIGN FACE AND SUPPORT ON APPROX 14 EXISTING SIGNS AND SUPPORTS WITHI THE GRADING LIMITS OF THE PROJECT AND ANY OTHER CONFLICTING SIGNING OR AS DIRECTED BY THE ENGINEER.
- (12) SIGN FACE, SUPPORT INSTALLATION AND HARDWARE TO BE INCLUDED IN ITEM NUMBER. SEE SIGN SCHEDULE SHEET 18.
- (13) FOR USE AS FINAL PAVEMENT MARKINGS ONLY.
- (14) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (15) FOR USE AS TEMPORARY LINE MARKINGS.
- (16) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
- (17) THIS CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS AS DIRECTED BY THE TD ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES. ALL SIGNING SHALL BE IN STR ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- (18) INCLUDES 358 S.Y. FOR SPECIAL DITCHES.
- (19)

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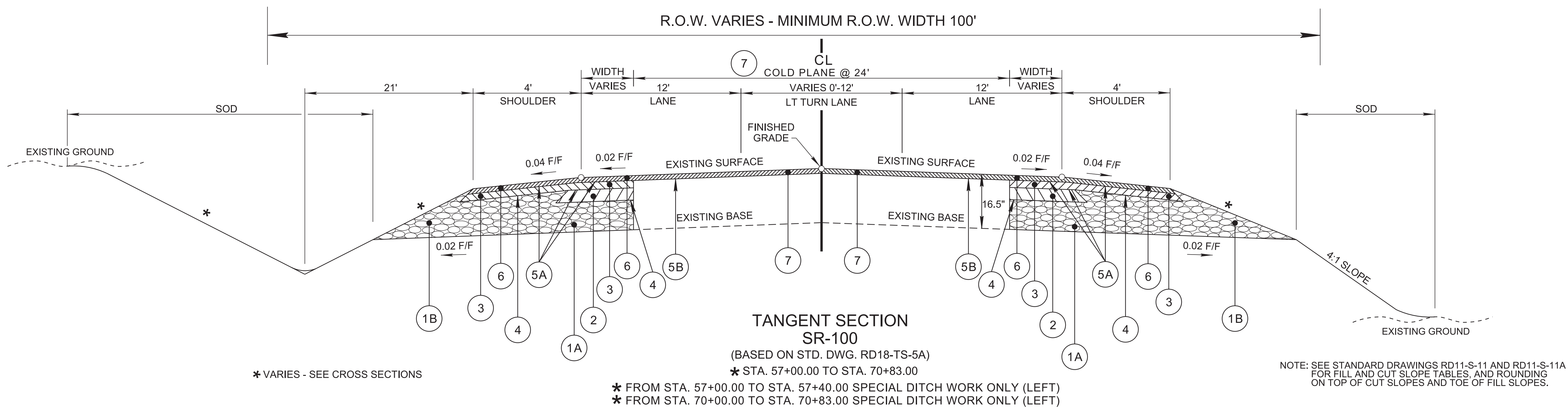


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 2B        |
| P.I.H. | 2025 | PHSIP-100(68) | 2B        |
| PS&E   | 2026 | PHSIP-100(68) | 2B        |

REV. 01/23/25: REVISED BACKSLOPE LABEL FOR THE TYPICAL SECTION.



| TRANSITION TABLE         |        |            |              |          |            |
|--------------------------|--------|------------|--------------|----------|------------|
| DESCRIPTION              | LENGTH | BEGIN STA. | BEGIN OFFSET | END STA. | END OFFSET |
| LT. TURN LANE TRANSITION | 360'   | 57+40.00   | 0.00'        | 61+00.00 | 6.00' RT   |
| BAY TAPER                | 120'   | 61+00.00   | 6.00' RT     | 62+20.00 | 6.00' LT   |
| STORAGE                  | 100'   | 62+20.00   | 6.00' RT     | 63+20.00 | 6.00' RT   |
| STORAGE                  | 100'   | 65+20.00   | 6.00' LT     | 64+20.00 | 6.00' LT   |
| BAY TAPER                | 120'   | 66+40.00   | 6.00' LT     | 65+20.00 | 6.00' RT   |
| LT. TURN LANE TRANSITION | 360'   | 70+00.00   | 0.00'        | 66+40.00 | 6.00' LT   |

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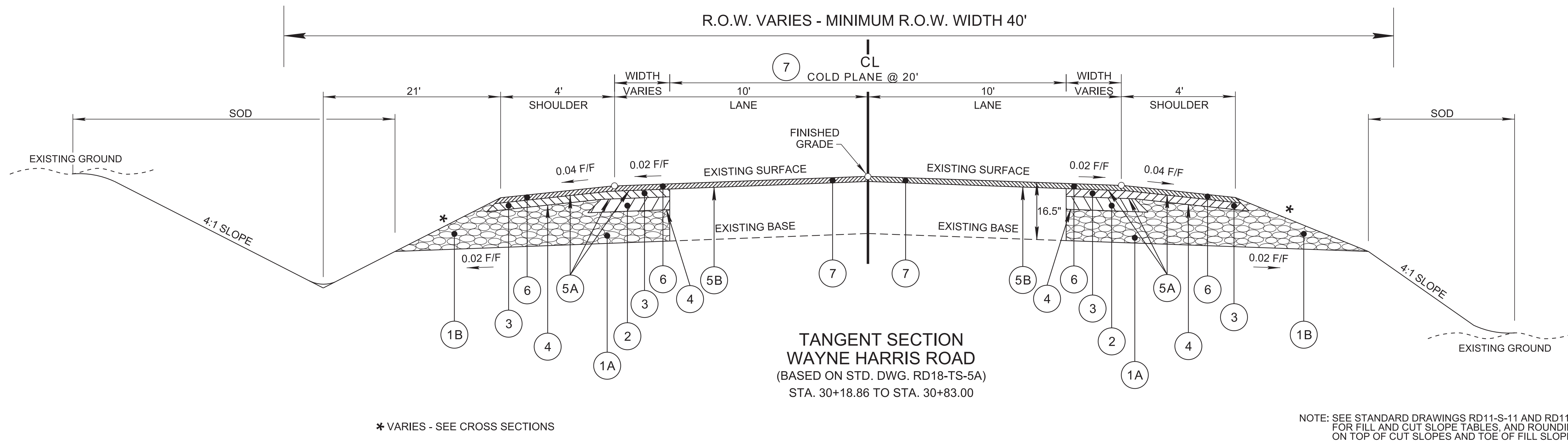
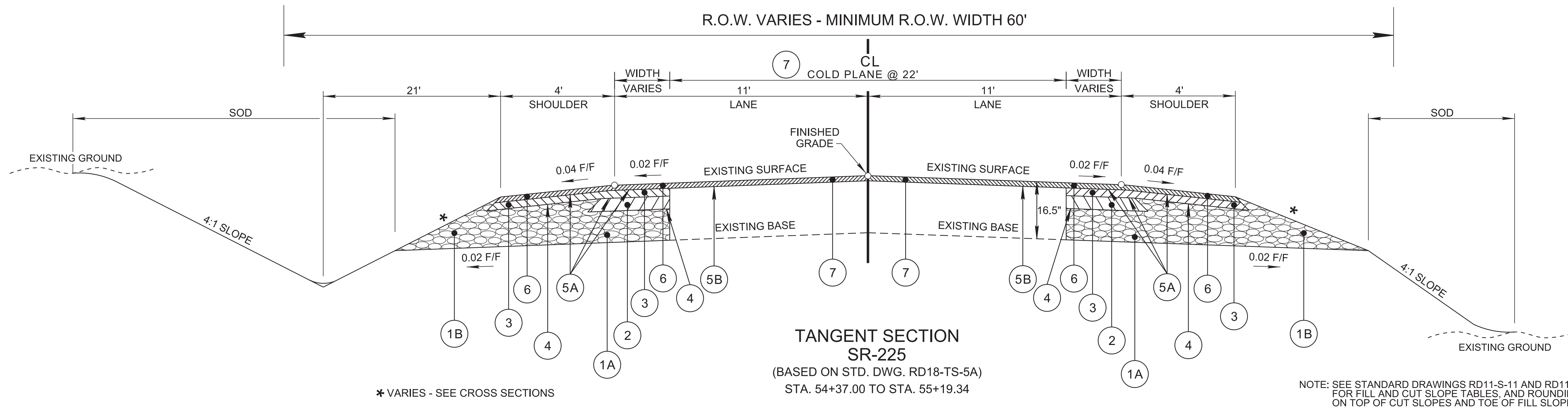
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SEE PAVEMENT SCHEDULE ON SHEET 2B2


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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 2B1       |
| P.I.H. | 2025 | PHSIP-100(68) | 2B1       |
| PS&E   | 2026 | PHSIP-100(68) | 2B1       |



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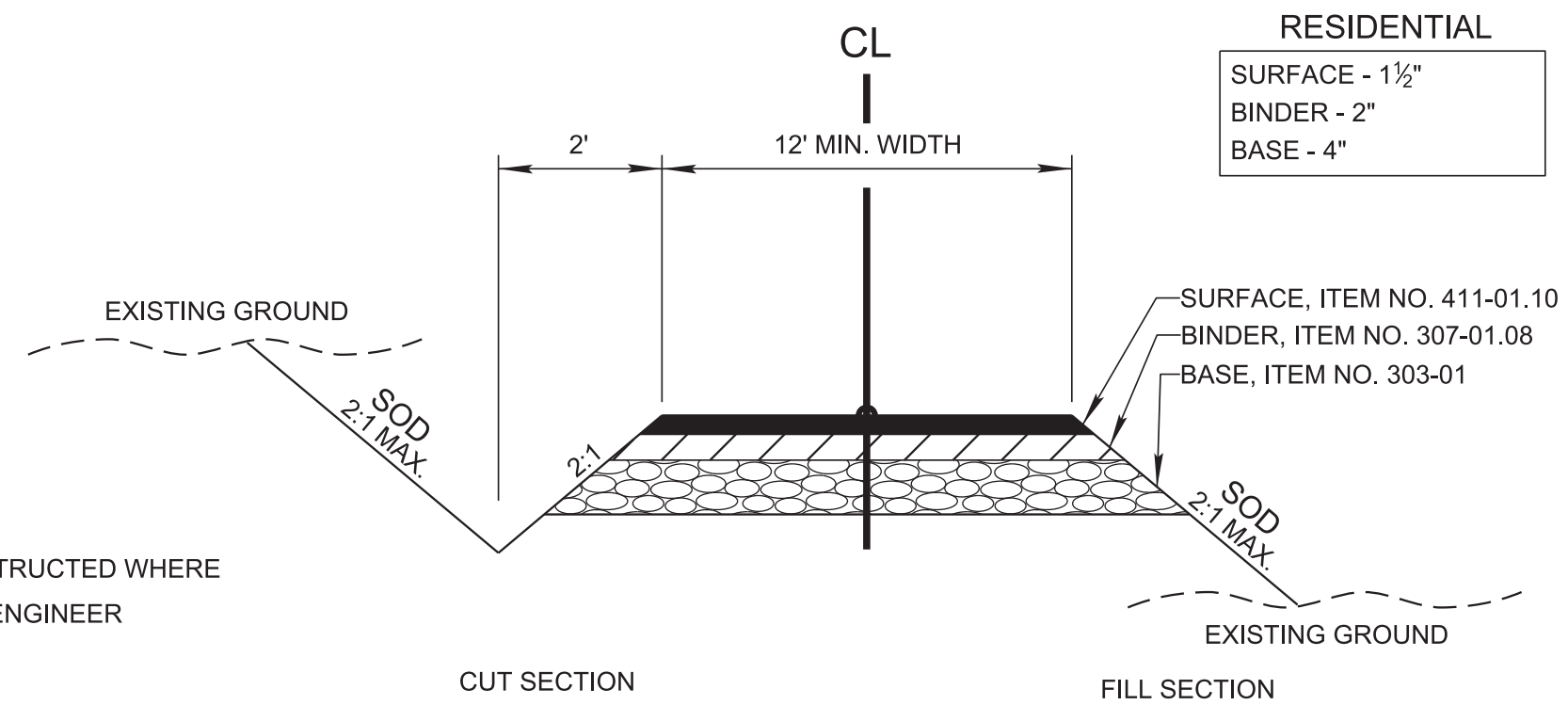
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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL  
SECTIONS**

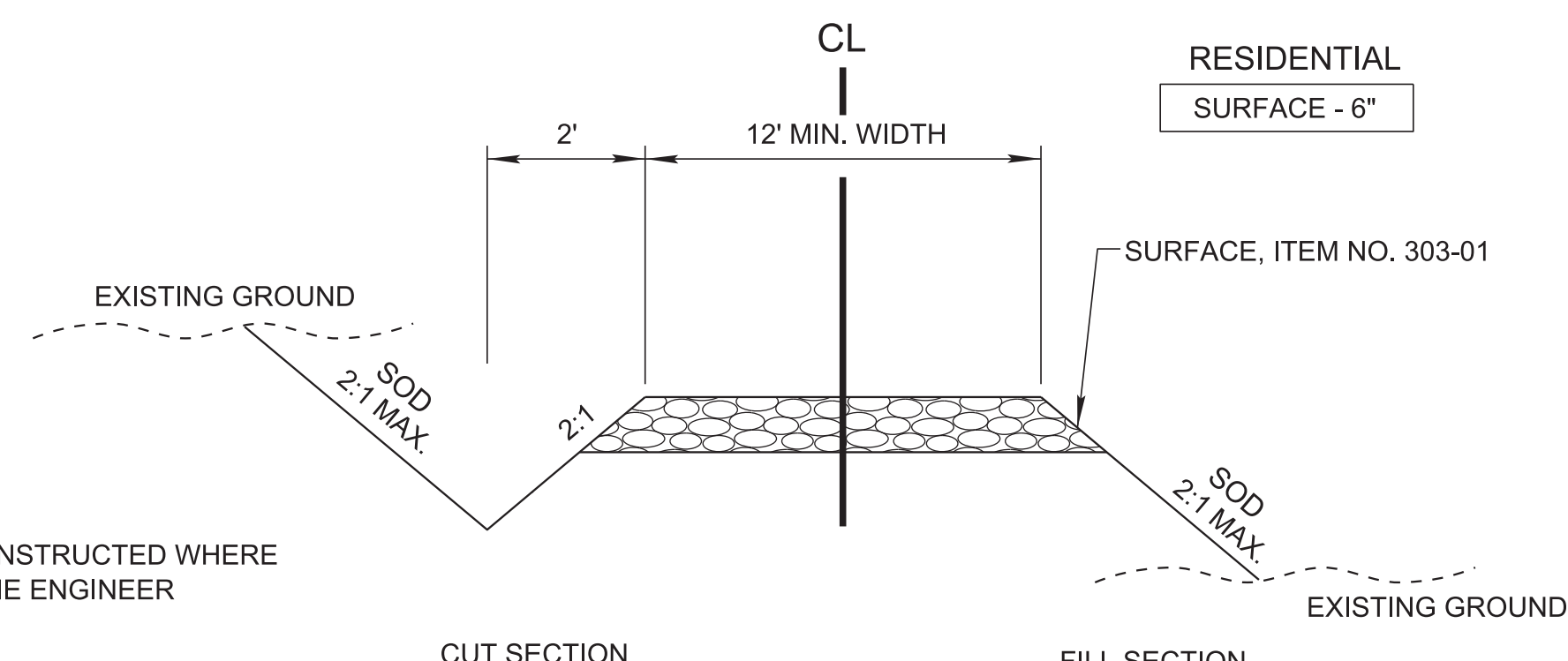
SEE PAVEMENT SCHEDULE ON SHEET 2B2

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 2B2       |
| P.I.H. | 2025 | PHSIP-100(68) | 2B2       |
| PS&E   | 2026 | PHSIP-100(68) | 2B2       |



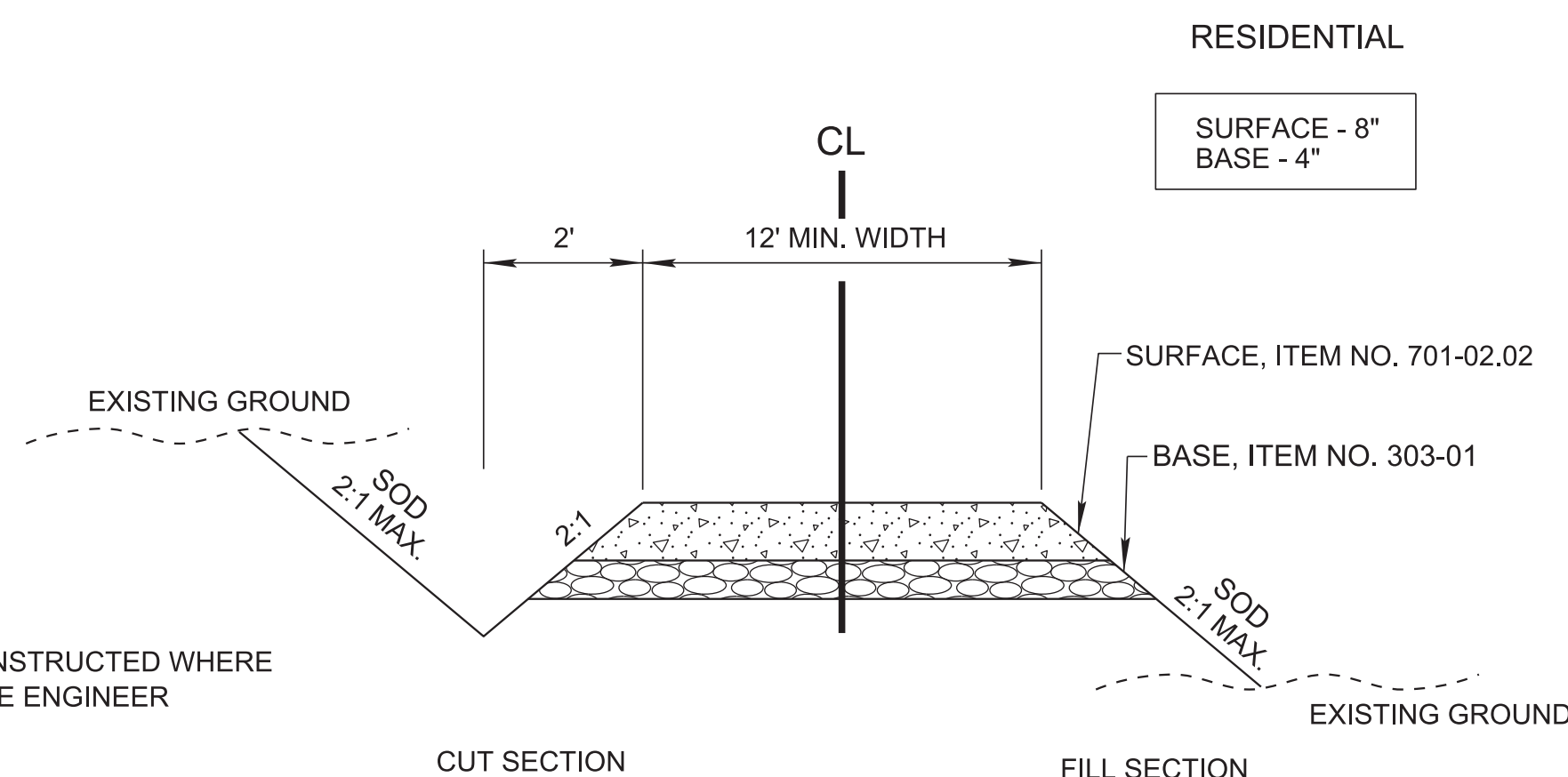
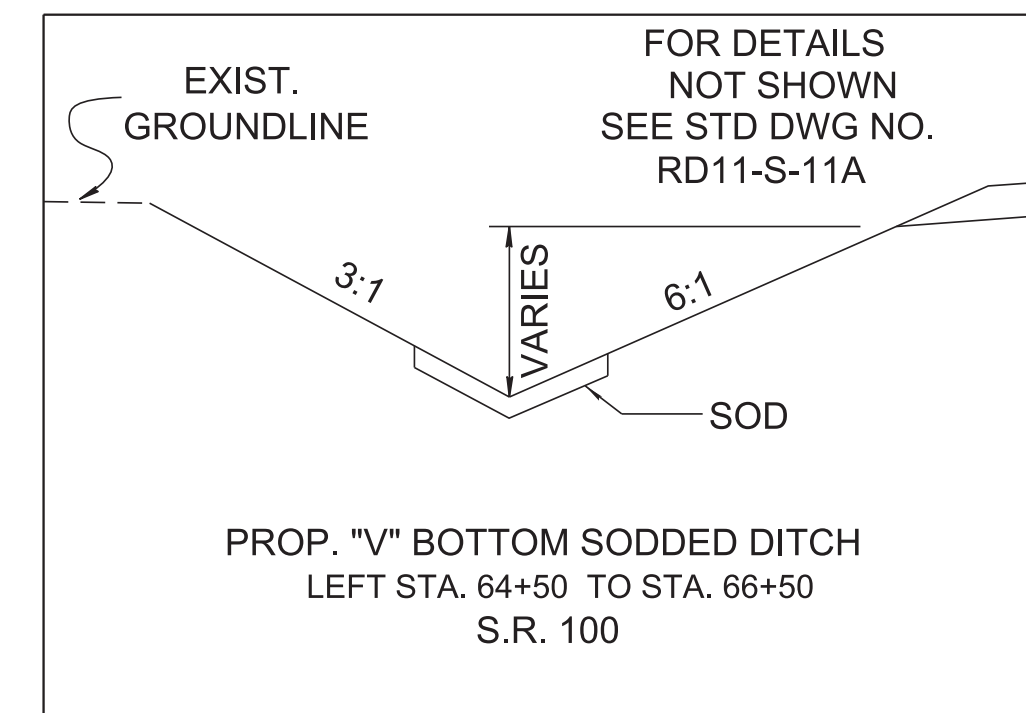
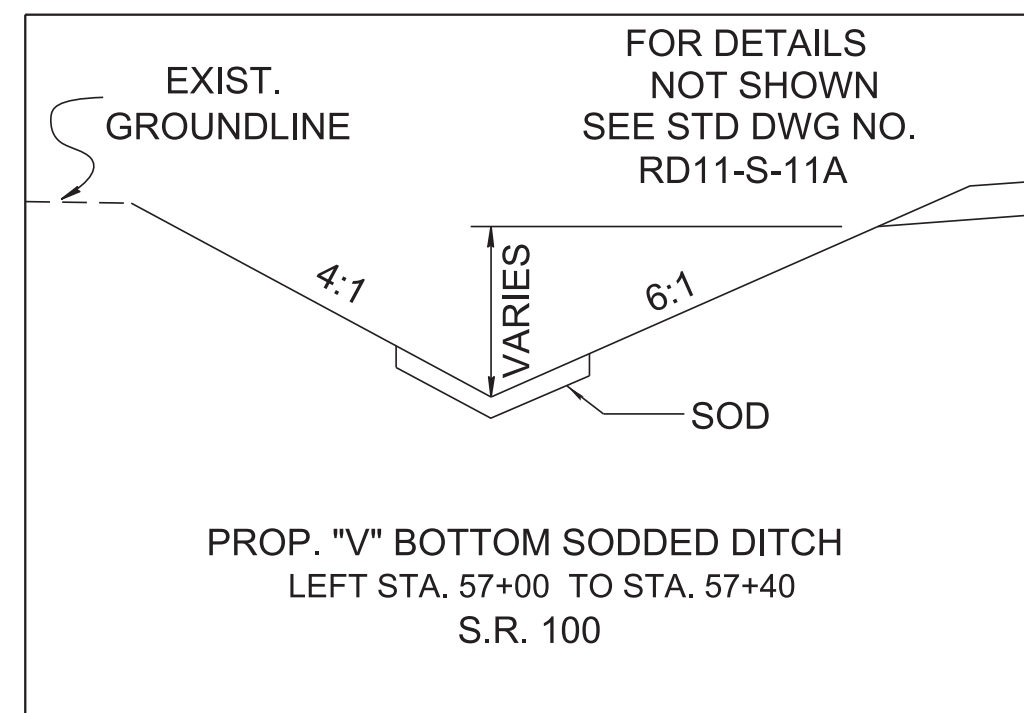
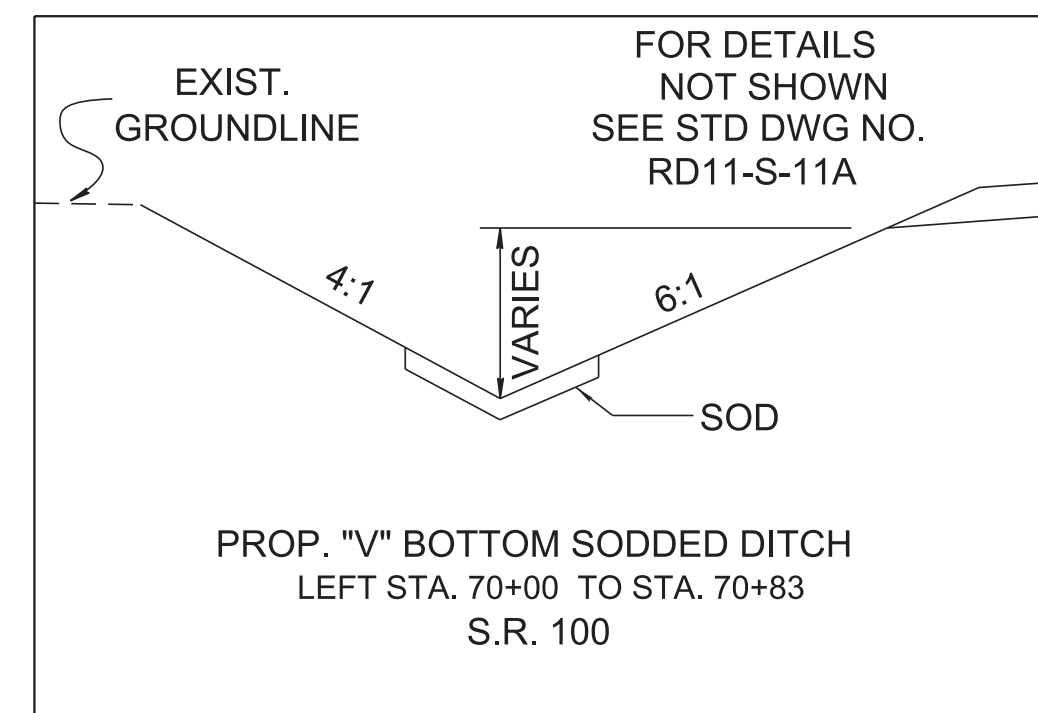
NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION  
(ASPHALT ALTERNATIVE)  
PRIVATE DRIVE TO FIELD  
OR RESIDENTIAL PROPERTY



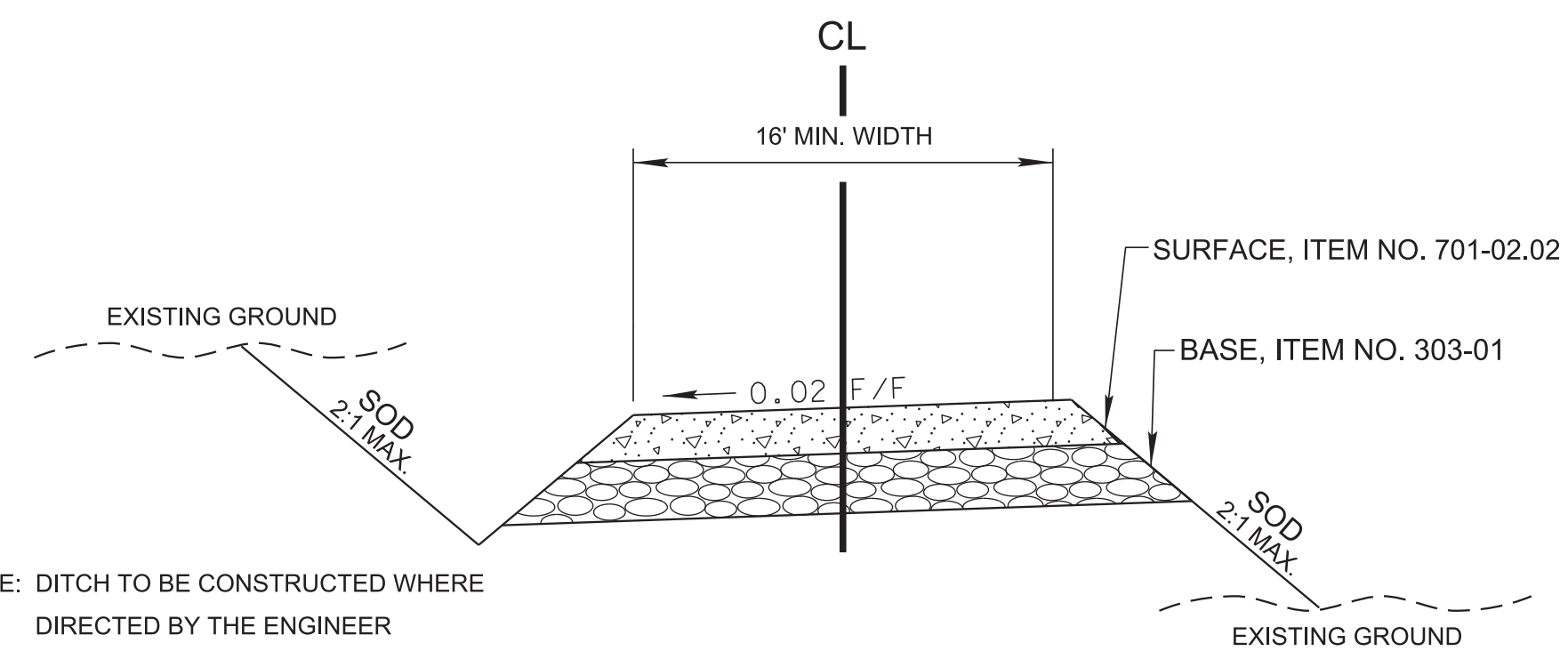
NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION  
(GRAVEL ALTERNATIVE)  
PRIVATE DRIVE TO FIELD  
OR RESIDENTIAL PROPERTY



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION  
(CONCRETE ALTERNATIVE)  
PRIVATE DRIVE TO BUSINESS



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION  
TRACT 1  
CONCRETE PVT. DRIVE  
STA. 59+50.00

PROPOSED PAVEMENT SCHEDULE

|   |  |
|---|--|
| 1A) MINERAL AGGREGATE @ 10" THICK (ROADWAY)<br>303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D   | 5A) TACK COAT<br>403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)<br>SEE SECTION 403.05 OF TDOT SPECIFICATIONS FOR DETERMINING APPLICATION RATE IN THE FIELD. |
| 1B) MINERAL AGGREGATE @ 13.25" THICK (SHOULDER)<br>303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D   | 5B) TACK COAT<br>403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)<br>SEE SECTION 403.05 OF TDOT SPECIFICATIONS FOR DETERMINING APPLICATION RATE IN THE FIELD. |
| 2) BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22<br>GRADING "A" @ 3.25" THICK (APPROX. 373.75 LB./S.Y.)<br>307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A   | 6) ASPHALTIC CONCRETE SURFACE (HOT MIX) PG64-22<br>GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.50 LB./S.Y.)<br>411-01.10 ACS MIX (PG64-22) GRADING D    |
| 3) BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22<br>GRADING "B-M2" @ 2" THICK (APPROX. 226.0 LB./S.Y.)<br>307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2 | 7) COLD PLANING @ 1.25" THICK (APPROX. 131.25 LB./S.Y.)<br>415-01.01 COLD PLANING BITUMINOUS PAVEMENT  |
| 4) PRIME COAT<br>402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT 0.30 - 0.35 GALLONS/S.Y.<br>402-02 AGGREGATE FOR COVER MATERIAL (PC) AT 8 - 12 LB./S.Y.              |  |

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS AND  
PAVEMENT  
SCHEDULE

# GENERAL NOTES

## GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (2) CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.
- (3) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

## SEEDING AND SODDING

- (2) SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.

## DRAINAGE

- (1) THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.
- (2) EXCAVATION FOR PIPE CULVERTS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.
- (6) DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.
- (7) ALL EXISTING PIPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER THAT ARE TO BE LEFT IN PLACE AND ABANDONED MUST BE BACKFILLED AND PLUGGED. ALL COST FOR THIS WORK SHALL BE INCLUDED IN ITEM NO. 204-08.01, BACKFILL MATERIAL (FLOWABLE FILL), C.Y.

## MISCELLANEOUS

- (2) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

## PAVEMENT MARKINGS

### TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (2) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.
- (1) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.49, PAINTED PAVEMENT MARKING (8" LINE), LIN.FT.

## FINAL PAVEMENT MARKING

- (8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.
- (14) PERMANENT PAVEMENT LINE MARKINGS SHALL BE REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6IN LINE), L.M.

## DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

- (16) THE PAVEMENT MARKING ON THE LANE SHIFT FOR CENTERLINE AND EDGELINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKINGS ON THE MAIN ROADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20 L.M.
- (17) BEFORE OPENING THE LANE SHIFT TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.01 PER L.F. ALL EXISTING MARKINGS IN THE AREA OF THESE TRANSITIONAL MARKINGS SHALL BE OBLITERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01, TRAFFIC CONTROL, LUMP SUM.

## SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

- (19) REMOVE EXISTING SNOWPLOWABLE MARKERS PRIOR TO PAVING AND/OR COLD PLANING. REMOVE ALL ADHESIVES PRIOR TO PAVING. PATCH ANY HOLES OR DIVOTS RESULTING FROM THE REMOVAL OF A MARKER IN A MANNER WHICH ENSURES A UNIFORM PAVED SURFACE. PATCH WORK SHALL BE INCLUDED WITH COST OF OTHER ITEMS OF CONSTRUCTION.

## PAVEMENT

### PAVING

- (2) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

### SIGNING

- (3) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS WERE COMPUTED FROM THE CROSS-SECTIONS CONTAINED IN THE CONSTRUCTION PLANS. IN THE EVENT THE SUPPORT LENGTHS ARE 2 FEET SHORTER OR LONGER THAN SHOWN ON THE PLANS, THE ENGINEER SHALL VERIFY THE SUPPORT TYPE WITH THE TRAFFIC DESIGN DIVISION, SIGNING SECTION, TELEPHONE NO. (615)-741-0802. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.
- (4) THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.
- (5) AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL OPERATIONS OFFICE.
- (7) ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM NO. 713-15.36 AND BECOME THE PROPERTY OF THE CONTRACTOR.
- (8) THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.
- (9) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.

- (11) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.
- (12) ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH THE REGIONAL TRAFFIC ENGINEER PRIOR TO MOVING ANY PERMANENT SIGNS.
- (13) AFTER THE PERMANENT SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE CONSTRUCTION FIELD OFFICE. PAYMENT FOR LOCATION AND STAKING SHOULD BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

## TRAFFIC CONTROL DIRECTIONAL SIGNING

- (7) WHEN EXISTING "TOURIST ORIENTED DIRECTIONAL SIGNS" (TODS) ARE ON NON-ACCESS CONTROLLED CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING THESE "TODS" AND TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. (D) , AS DIRECTED BY THE ENGINEER. NEW SUPPORTS AND SIGN FACE FOR FINAL LOCATION WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

## CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (5) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 2C        |
| PS&E   | 2026 | PHSIP-100(68) | 2C        |
|        |      |               |           |



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

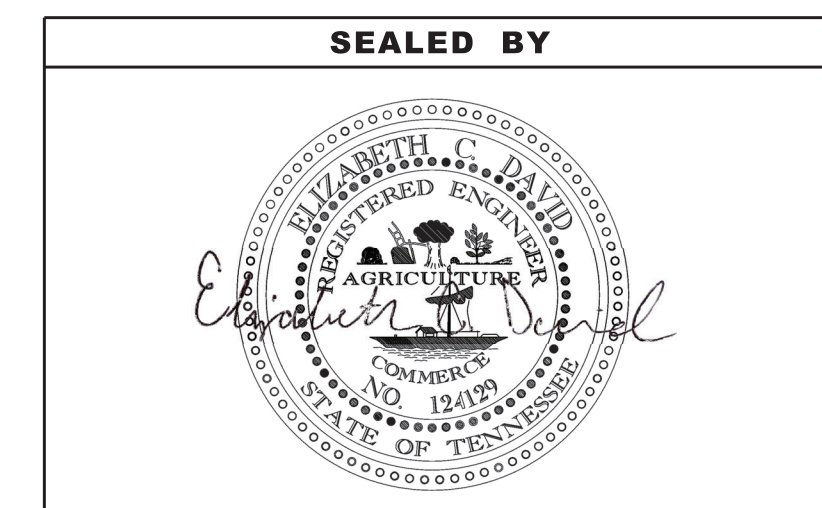
**GENERAL  
NOTES**

# GENERAL NOTES CONT.

- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 2C1       |
| PS&E   | 2026 | PHSIP-100(68) | 2C1       |
|        |      |               |           |

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**GENERAL  
NOTES**

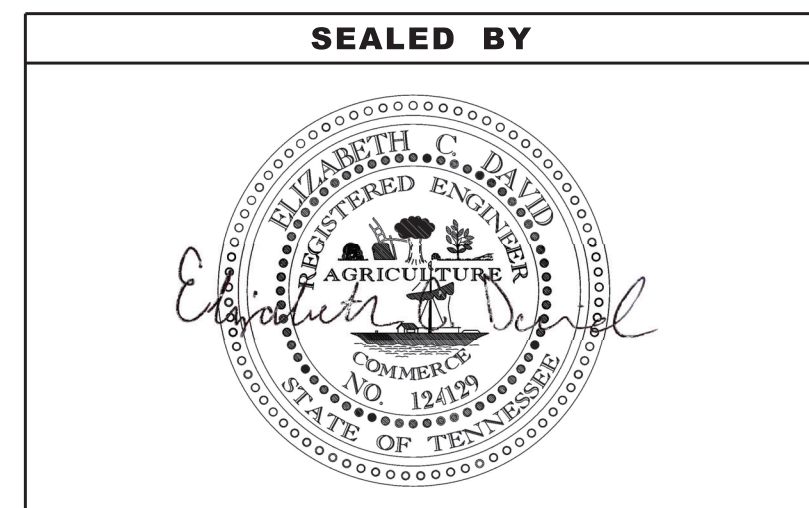
# SPECIAL NOTES

## GRADING

- (1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- (4) THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- (5) EARTHWORK IS PAID FOR UNDER ITEM NO. 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 2D        |
| PS&E   | 2026 | PHSIP-100(68) | 2D        |
|        |      |               |           |

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SPECIAL  
NOTES**

# ENVIRONMENTAL NOTES

## SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

### ENVIRONMENTAL GENERAL NOTES

#### NATURAL RESOURCES

- (1) SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT NATURAL RESOURCES AND WATER QUALITY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG NATURAL RESOURCES IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS, WETLANDS OR OTHER NATURAL FEATURES IN ACCORDANCE WITH TDOT STANDARDS. EPSC MEASURES SHALL BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.
- (2) NEW CHANNEL CONSTRUCTION SHALL BE COMPLETED IN THE DRY AND STABILIZED FOR AT LEAST 72 HOURS PRIOR TO DIVERTING WATER FROM THE EXISTING AND/OR TEMPORARY CHANNEL.
- (3) INSTREAM EPSC DEVICES REQUIRE THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION REVIEW AND MUST BE PROCESSED BY THE PERMITS SECTION TO OBTAIN WATER QUALITY PERMITS.
- (4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.
- (5) THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING, NOT TO EXCEED THE WIDTH SPECIFIED IN THE STANDARD DRAWING.
- (6) STREAM BEDS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR CONSTRUCTION EQUIPMENT. TEMPORARY CULVERT CROSSINGS SHALL BE LIMITED TO ONE POINT PER STREAM AND EPSC MEASURES SHALL BE USED WHERE THE STREAM BANKS ARE DISTURBED. WHERE THE STREAMBED IS NOT COMPOSED OF BEDROCK, A PAD OF CLEAN ROCK SHALL BE USED AT THE CROSSING POINT AND CULVERTED TO PREVENT THE IMPOUNDMENT OF WATER FLOW. CLEAN ROCK IS ROCK OF VARIOUS TYPE AND SIZE, DEPENDING UPON APPLICATION, WHICH CONTAINS NO FINES, SOILS, OR OTHER WASTES OR CONTAMINANTS. OTHER MATERIALS USED FOR ALL TEMPORARY FILLS SHALL BE COMPLETELY REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED AND THE AFFECTED AREAS RETURNED TO PREEXISTING ELEVATIONS. ALL TEMPORARY CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. EC-STR-25 UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ALTERNATIVELY, PLACING A TEMPORARY BRIDGE (E.G. BAILEY BRIDGE OR EQUIVALENT, TIMBERS, ETC.) FROM TOP OF BANK TO TOP OF BANK OR THE APPROPRIATE USE OF BARGES AT THE CROSSING TO AVOID DISTURBANCE OF THE STREAMBED IS AN ACCEPTABLE OPTION.
- (7) HEAVY EQUIPMENT WORKING IN WETLANDS WITH PERMITTED TEMPORARY IMPACTS SHALL BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE AND COMPACTION UNLESS SPECIFICALLY ADDRESSED IN THE CONSTRUCTION PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT SHALL BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED. ALL AFFECTED AREAS SHOULD BE RETURNED TO PRE-EXISTING CONDITIONS.
- (8) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS, UNLESS SPECIFICALLY PROVIDED FOR IN THE CONSTRUCTION PLANS AND PERMITS.
- (9) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS PRIOR TO ANY CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G., STREAMS, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION ENVIRONMENTAL TECH GROUP IMMEDIATELY.

#### SPECIES

- (10) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.
- (11) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).
- (12) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

#### PERMITS, PLANS & RECORDS

- (13) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO ARCHAEOLOGY, ECOLOGY, HISTORICAL, HAZARDOUS MATERIALS, AIR AND NOISE, TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING ANY MATERIAL AND STAGING AREAS AND THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS TO BE USED. ANY SUCH PERMITS SHALL BE SUPPLIED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO THE USE OF THE PERMITTED AREA(S).
- (14) ANY DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT RESPONSIBLE PARTY. THE ENVIRONMENTAL DIVISION, DESIGN DIVISION, AND HEADQUARTERS CONSTRUCTION OFFICE SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.
- (15) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE TDOT PERMIT SECTION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE PROJECT MANAGER SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.
- (16) THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATE. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.
- (17) ALL WATER QUALITY PERMITS SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.

#### SUPPORT ACTIVITIES

- (18) MATERIALS AND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.

#### ENVIRONMENTAL

- (20) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

## SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

### ENVIRONMENTAL SPECIAL NOTES

#### ENVIRONMENTAL

- (1) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL PRE-CONSTRUCTION MEETINGS.

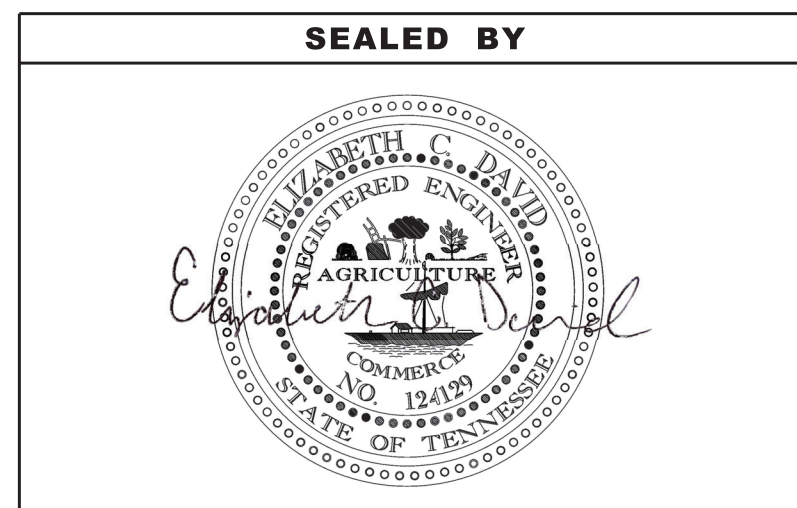
#### ECOLOGY

- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRECONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

#### SCOPE OF WORK

- (6) THIS PROJECT INCLUDES WIDENING THE TRAVEL LANES TO INCLUDE TWO LEFT TURN LANES AT THE INTERSECTION, WIDENING FOR THE SHOULDERS, PAVING THE TRAVEL LANES, COLD PLANING, INSTALLING RUMBLE STRIPES, SIGNS AND SIDE DRAINS.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 2E        |
| P.I.H. | 2025 | PHSIP-100(68) | 2E        |
| PS&E   | 2026 | PHSIP-100(68) | 2E        |
|        |      |               |           |



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL  
NOTES**

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 2F        |
| P.I.H. | 2025 | PHSIP-100(68) | 2F        |
| PS&E   | 2026 | PHSIP-100(68) | 2F        |

| ESTIMATED GRADING QUANTITIES              |                         |               |                       |                            |               |             |
|---|-------------------------|---------------|-----------------------|----------------------------|---------------|-------------|
| DESCRIPTION                               | UNADJUSTED VOLUMES (CY) |               | ADJUSTED VOLUMES (CY) | BALANCE SUMMARY            |               |             |
|   | EXC.                    | EMB.          | EXC.                  | SHRINK = 10 % SWELL = 15 % |               |             |
| MAINLINE                                  | 2177                    | 1969          | 1960                  |                            |               |             |
| SIDE ROADS                                | 122                     | 83            | 110                   |                            |               |             |
| PVT. DRIVES, BUSINESS AND FIELD ENTRANCES | 139                     | 185           | 126                   |                            |               |             |
| TEMPORARY CONSTRUCTION EXITS              | 29                      | 0             | 27                    |                            |               |             |
| TOPSOIL (EMB.)                            | 965                     |               |                       |                            |               |             |
| TOPSOIL (EXC.)                            | 0                       |               |                       |                            |               |             |
| TOPSOIL TOTALS (SEE TOPSOIL TABLE)        |                         |               |                       | BORROW MATERIAL = 18       |               |             |
| ROCK (C.Y.)                               |                         | TOTALS (C.Y.) |                       |                            |               |             |
| EXC.                                      | EMB.                    | EXC. (UNCL.)  | EMB. (UNCL.)          | EXC. (COMMON)              | EXC. (AVAIL.) | EXC. (ADJ.) |
| 0   | 0                       | 3432          | 2237                  | 3432                       | 2467          | 2221        |

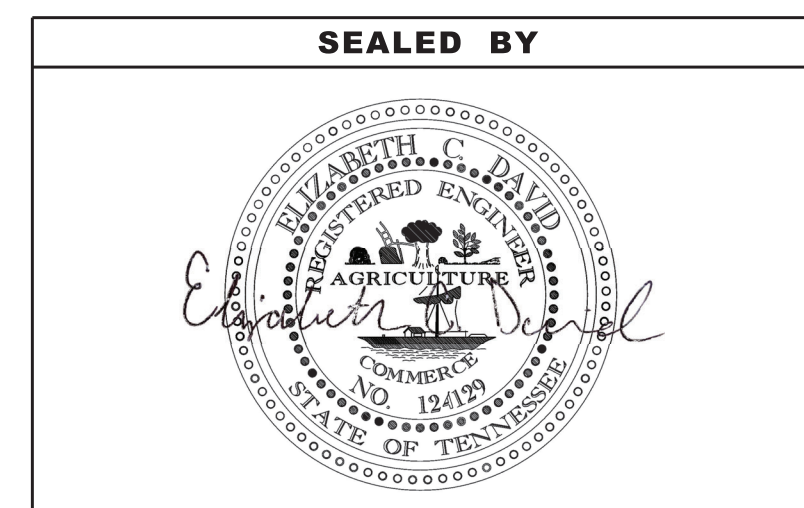
| SPECIAL DITCHES |          |          |      |            |               |                    |            |                               |
|-----------------|----------|----------|------|------------|---------------|--------------------|------------|-------------------------------|
| ROADWAY         | STATION  |          | SIDE | DETAIL NO. | CONFIGURATION |                    |            | SODDING NEW SOD 803-01 (S.Y.) |
|                 | FROM     | TO       |      |            | FORE (H/V)    | BOTTOM WIDTH (FT.) | BACK (H/V) |                               |
| SR-100          | 57+00.00 | 57+40.00 | LT   |            | 6:1           | 0                  | 4:1        | 44                            |
| SR-100          | 64+50.00 | 66+50.00 | LT   |            | 6:1           | 0                  | 3:1        | 222                           |
| SR-100          | 70+00.00 | 70+83.00 | LT   |            | 6:1           | 0                  | 4:1        | 92                            |
| TOTALS          |          |          |      |            |               |                    |            | 358                           |

| RIGHT OF WAY MARKERS |            |     |     |        |
|----------------------|------------|-----|-----|--------|
| Item #: 708-02.01    |            |     |     |        |
| SHEET NO.            | QUANTITIES |     |     |        |
|                      | "A"        | "B" | "C" | TOTALS |
| 4                    |            | 4   | 10  | 14     |
| 5                    |            | 3   | 3   | 6      |
| TOTALS               |            | 7   | 13  | 20     |

| TOPSOIL                  |                         |                         |                               |                       |                             |                               |                     |
|--------------------------|-------------------------|-------------------------|-------------------------------|-----------------------|-----------------------------|-------------------------------|---------------------|
| PROPOSED SLOPE AREA S.F. | EXISTING TOPSOIL (EXC.) | EXISTING TOPSOIL (EMB.) | EXISTING TOPSOIL (TOTAL) C.Y. | REQUIRED TOPSOIL C.Y. | PLACING TOPSOIL 203-04 C.Y. | FURNISHED TOPSOIL 203-07 C.Y. | EXCESS TOPSOIL C.Y. |
| 21573                    | 0                       | 965                     | 965                           | 400                   | 400                         | 0                             | 566                 |

| PAVEMENT QUANTITIES |                               |                                     |            |             |           |             |                                      |                                   |
|---------------------|-------------------------------|-------------------------------------|------------|-------------|-----------|-------------|--------------------------------------|-----------------------------------|
| LOCATION (ROADWAY)  | TYPE - GRADE - PAY ITEM (TON) |                                     |            |             |           |             |                                      | COLD PLANING BITUMINOUS PLANT MIX |
|                     | MINERAL AGG.                  | BITUMINOUS PLANT MIX BASE (HOT MIX) |            | PRIME COAT  |           | TACK COAT   | ASPHALTIC CONCRETE SURFACE (HOT MIX) |                                   |
|                     | D                             | A                                   | B-M2       | 402-01      | 402-02    | 403-01      | D                                    | TON                               |
|                     | 303-01                        | 307-01.01                           | 307-01.08  |             |           |             | 411-01.10                            | 415-01.01                         |
| SR-100              | 2101                          | 207                                 | 238        | 2.95        | 10.52     | 1.61        | 140                                  |                                   |
| SR-225              | 87                            | 10                                  | 15         | 0.18        | 0.67      | 0.09        | 9                                    |                                   |
| WAYNE HARRIS RD     | 85                            | 11                                  | 14         | 0.18        | 0.18      | 0.10        | 8                                    |                                   |
| TEMPORARY SHOULDER  | 484                           |                                     | 65         |             |           | 0.34        | 38                                   |                                   |
| DRIVEWAYS           | 185                           |                                     | 57         | 0.70        | 2.63      | 0.31        | 34                                   |                                   |
| RESURFACING         |                               |                                     |            |             |           | 1.21        | 266                                  | 263.0                             |
| <b>TOTALS</b>       | <b>2942</b>                   | <b>228</b>                          | <b>389</b> | <b>4.00</b> | <b>14</b> | <b>3.66</b> | <b>495</b>                           | <b>263</b>                        |

| SIDE DRAIN TABULATION |          |     |   |  |            |        |            |         |
|-----------------------|----------|-----|---|--|------------|--------|------------|---------|
| STATION               | LOCATION |     | RCP CLASS III OR CMP 16 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.)<br>FILL HEIGHT ≤ 10 FT. | END TREATMENT  |            |        |            | REMARKS |
|                       | LT.      | RT. |   | INLET  |            | OUTLET |            |         |
|                       |          |     |   | TYPE   | DRAWING NO | TYPE   | DRAWING NO |         |
| 57+81.89              | X        |     | 17  | SEW  | D-SEW-1A   | SEW    | D-SEW-1A   |         |
| 60+41.28              | X        |     | 17  | SEW  | D-SEW-1A   | SEW    | D-SEW-1A   |         |
| 67+44.41              | X        |     | 25  | SEW  | D-SEW-1A   | SEW    | D-SEW-1A   |         |
| 69+55.30              | X        |     | 15  | SEW  | D-SEW-1A   | SEW    | D-SEW-1A   |         |
| <b>TOTALS</b>         |          |     | <b>74</b>   | Pipe Tabulation For Private Drives & Field Entrances |            |        |            |         |



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES

**RIGHT-OF-WAY**

- (2) ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD ROADWAY DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.
- (3) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
- (4) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.
- (5) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.
- (6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (9) ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.
- (11) ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

**UTILITY**

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

**UTILITY OWNERS**

**ELECTRIC:**

**STEMC**

1009 E. MAIN STREET  
BROWNSVILLE, TN 38012  
CONTACT: JOSHUA KENNEDY  
731-585-0531  
jkennedy@stemc.com

**COMMUNICATIONS:**

**AT&T**

315 E. COLLEGE STREET  
JACKSON, TN 38301  
CONTACT: DANIEL POTTS  
901-488-2359  
dp7607@att.com

**GAS, WATER, SEWER**

**HENDERSON UTILITY DEPARTMENT**

121 CROOK AVENUE  
HENDERSON, TN 38340  
CONTACT: DARRYL GREEN  
OFFICE: 731-983-5020  
CELL: 731-608-3738  
dgreen@hendersontn.gov

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 3         |
| P.I.H. | 2025 | PHSIP-100(68) | 3         |
| PS&E   | 2026 | PHSIP-100(68) | 3         |

REV. 01/23/25: REVISED THE BOOK AND PAGE NUMBER FOR TRACT 2A. REVISED THE ACQUISITION AREA FOR TRACT 6 AND TRACT 8.

REV. 03/10/25: REVISED THE PROPERTY OWNER AND BOOK AND PAGE NUMBER FOR TRACT 5. REVISED THE ACQUISITION AREA FOR TRACT 2, 3, AND 4.

REV. 03/19/25: REVISED THE PROPERTY OWNER FOR TRACT 2A AND REVISED THE ORDER OF BOOK AND PAGE NUMBERS FOR TRACT 8.

| DISTURBED AREA (AC)                     |       |
|---|-------|
| IN-BETWEEN SLOPE LINES                  | 2.246 |
| 15 FT. WIDE STRIP (OUTSIDE SLOPE LINES) | 0.918 |
| TOTAL DISTURBED AREA                    | 3.164 |
| TOTAL RESURFACING                       | 0.815 |
| TOTAL PROJECT AREA                      | 4.445 |

**R.O.W. ACQUISITION TABLE**

| TRACT NO.                  | PROPERTY OWNERS  | COUNTY RECORDS |            |               |      | TOTAL AREA (ACRES) |        |        | AREA TO BE ACQUIRED (ACRES) |             |              | AREA REMAINING (ACRES) |        | EASEMENT (SQUARE FEET) |       |        |
|----------------------------|--|----------------|------------|---------------|------|--------------------|--------|--------|-----------------------------|-------------|--------------|------------------------|--------|------------------------|-------|--------|
|                            |  | TAX MAP NO.    | PARCEL NO. | DEED DOCUMENT |      | LEFT               | RIGHT  | TOTAL  | LEFT                        | RIGHT       | TOTAL        | LEFT                   | RIGHT  | PERM DRAINAGE          | SLOPE | CONST. |
|                            |  |                |            | BK.           | PAGE |                    |        |        |                             |             |              |                        |        |                        |       |        |
| 1                          | HAROLD DOUGLAS THOMAS                                      | 54             | 33.00      | 416           | 633  |                    | 55.340 | 55.340 |                             | 0.291       | 0.291        |                        | 55.049 |                        |       |        |
| 2                          | PATRICIA GRAVES DOYLE                                      | 54             | 6.00       | 4             | 176  | 4.687              |        | 4.687  | 1116.36 S.F.                |             | 1116.36 S.F. | 4.661                  |        |                        |       |        |
| 2A                         | HARRIS RUSTY ALAN AND BRANDI NICOLE HARRIS TRUST           | 54             | 6.06       | 520           | 439  | 4.635              |        | 4.635  | 0.286                       |             | 0.286        | 4.349                  |        |                        |       |        |
| 3                          | HAROLD DOUGLAS THOMAS                                      | 54             | 33.02      | 416           | 633  |                    | 0.562  | 0.562  |                             | 703.67 S.F. | 703.67 S.F.  |                        | 0.546  |                        |       |        |
| 4                          | CHRISTOPHER L DOYLE ETAL PATRICIA G DOYLE                  | 54             | 6.03       | 320           | 193  | 1.420              |        | 1.420  | 2678.31 S.F.                |             | 2678.31 S.F. | 1.359                  |        |                        |       |        |
| 5                          | SIMMONS JAMES AARON AND ANNE BINGHAM JOINT REVOCABLE TRUST | 54             | 9.00       | 503           | 811  |                    | 8.374  | 8.374  |                             | 0.273       | 0.273        |                        | 8.101  |                        |       |        |
| 6                          | HAROLD DOUGLAS THOMAS                                      | 54             | 8.00       | 416           | 633  | 0.641              |        | 0.641  |                             | 0.105       |              | 0.536                  |        |                        |       |        |
| 7                          | DANIEL PAUL ASKEW ETUX DEBORAH RENNER ASKEW                | 54             | 11.05      | 473           | 99   | 1.316              |        | 1.316  |                             |             |              | 1.316                  |        |                        |       |        |
| 8                          | JAMES L. INGLEY ETUX DEBORAH B. INGLEY                     | 54             | 11.06      | 170           | 727  | 3.731              |        | 3.731  |                             | 0.131       |              | 3.600                  |        |                        |       |        |
|                            |  | 54             | 11.06      | 166           | 491  |                    |        |        |                             |             |              |                        |        |                        |       |        |
|                            |  | 54             | 11.06      | 264           | 342  |                    |        |        |                             |             |              |                        |        |                        |       |        |
| ACQUISITION TOTALS (ACRES) |  |                |            |               |      |                    |        |        |                             | 1.189       |              |                        |        |                        |       |        |

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

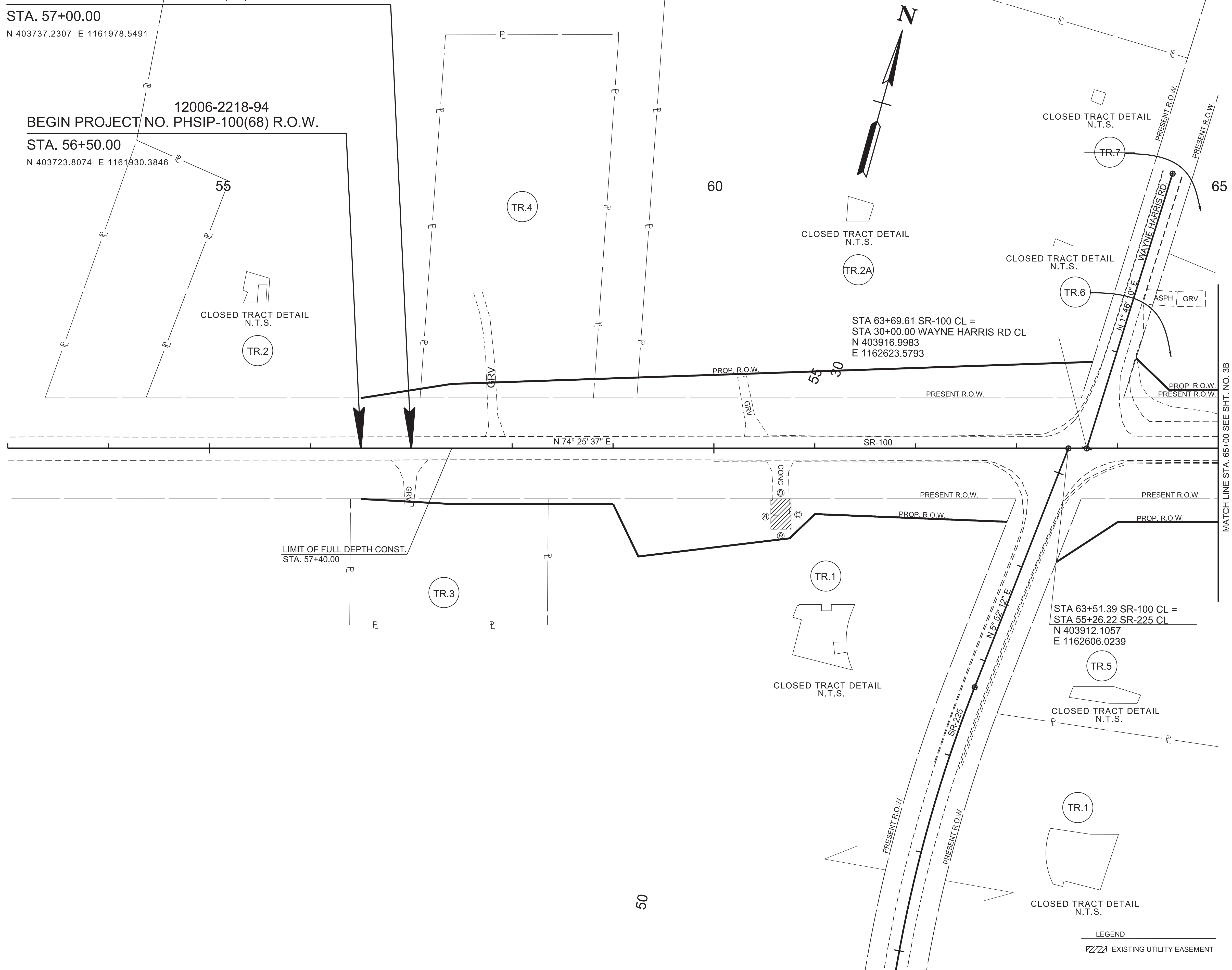
RIGHT-OF-WAY  
NOTES, ACQUISITION  
TABLE, UTILITY NOTES  
AND  
UTILITY OWNERS

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 3A        |
| P.I.H. | 2025 | PHSIP-100(68) | 3A        |
| PS&E   | 2026 | PHSIP-100(68) | 3A        |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6.

12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION  
 STA. 57+00.00  
 N 403737.2307 E 1161978.5491

12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.  
 STA. 56+50.00  
 N 403723.8074 E 1161930.3846



MATCH LINE STA. 65+00 SEE SHT. NO. 3B

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COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**PROPERTY MAP**

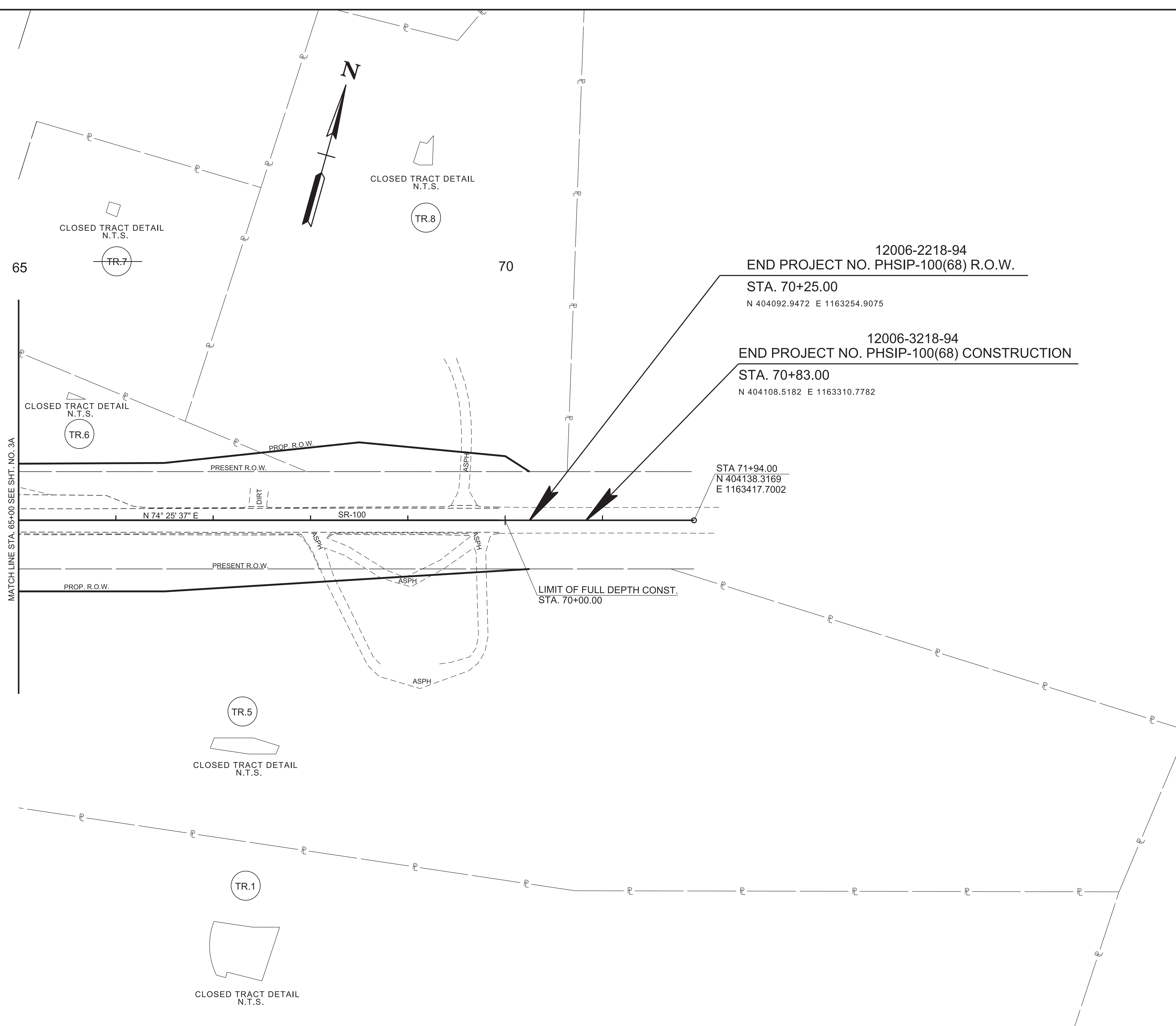
STA.53+00 TO STA.65+00  
 SCALE: 1"=50'

LEGEND  
 [Hatched Box] EXISTING UTILITY EASEMENT

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 3B        |
| P.I.H. | 2025 | PHSIP-100(68) | 3B        |
| PS&E   | 2026 | PHSIP-100(68) | 3B        |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8.



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**SEALED BY**

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**PROPERTY MAP**

STA.65+00 TO STA.71+94  
SCALE: 1"=50'

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 4         |
| P.I.H. | 2025 | PHSIP-100(68) | 4         |
| PS&E   | 2026 | PHSIP-100(68) | 4         |

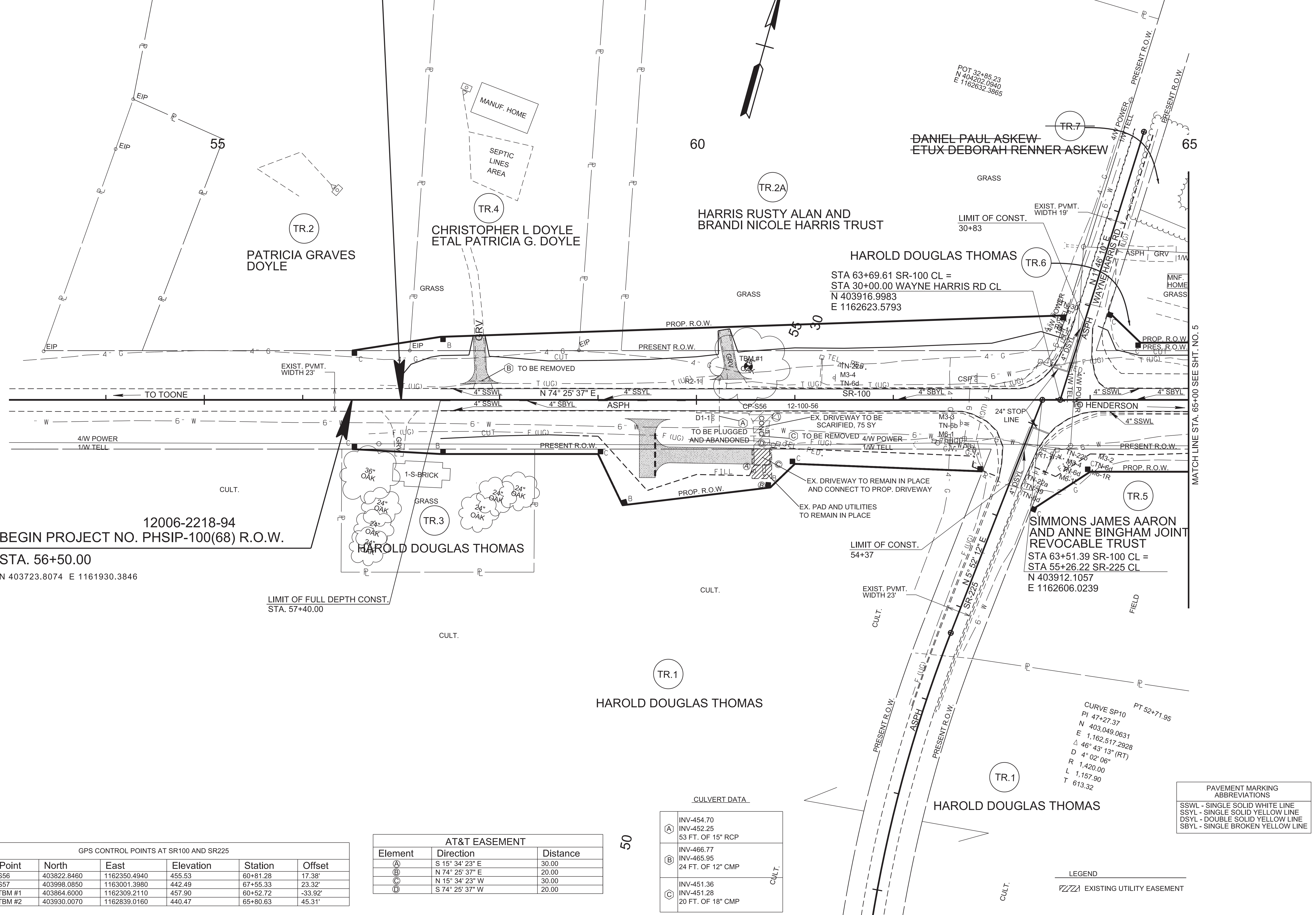
REV. 01/23/25: TURNED ON THE VEGETATION LEVEL. REVISED THE PROPOSED ROW AND CUT LINE ALONG TRACT 6.

REV. 03/10/25: REVISED THE PROPERTY OWNER FOR TRACT 5.

REV. 03/19/25: REVISED THE PROPERTY OWNER FOR TRACT 2A.

12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00  
 N 403737.2307 E 1161978.5491



12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00  
 N 403723.8074 E 1161930.3846

GPS CONTROL POINTS AT SR100 AND SR225

| Point  | North       | East         | Elevation | Station  | Offset  |
|--------|-------------|--------------|-----------|----------|---------|
| S56    | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57    | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1 | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2 | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |

AT&T EASEMENT

| Element | Direction       | Distance |
|---------|-----------------|----------|
| (A)     | S 15° 34' 23" E | 30.00    |
| (B)     | N 74° 25' 37" E | 20.00    |
| (C)     | N 15° 34' 23" W | 30.00    |
| (D)     | S 74° 25' 37" W | 20.00    |

CULVERT DATA

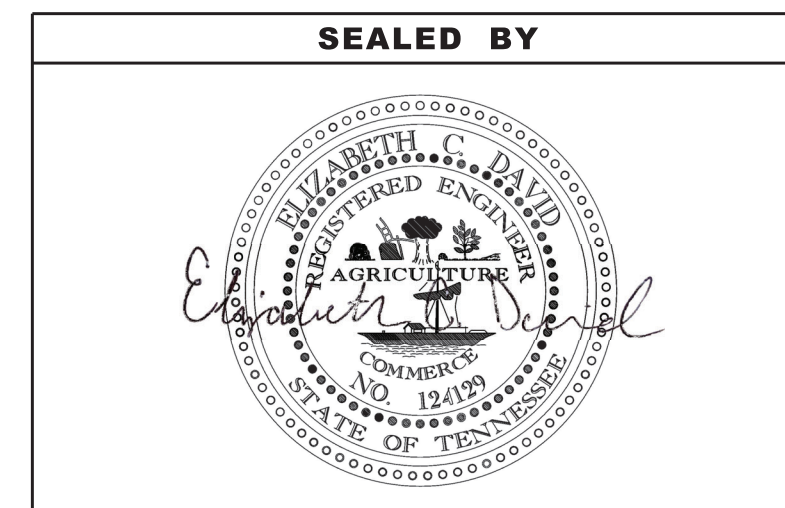
|     |   |       |
|-----|---|-------|
| (A) | INV-454.70<br>INV-452.25<br>53 FT. OF 15" RCP | CULT. |
| (B) | INV-466.77<br>INV-465.95<br>24 FT. OF 12" CMP |       |
| (C) | INV-451.36<br>INV-451.28<br>20 FT. OF 18" CMP | CULT. |

CURVE SP10  
 PI 47+27.37  
 N 403,049.0631  
 E 1,162,517.2928  
 Δ 46° 43' 13" (RT)  
 D 4° 02' 06"  
 R 1,420.00  
 L 1,157.90  
 T 613.32

PAVEMENT MARKING ABBREVIATIONS

|      |                             |
|------|-----------------------------|
| SSWL | - SINGLE SOLID WHITE LINE   |
| SSYL | - SINGLE SOLID YELLOW LINE  |
| DSYL | - DOUBLE SOLID YELLOW LINE  |
| SBYL | - SINGLE BROKEN YELLOW LINE |

LEGEND  
 [Symbol] EXISTING UTILITY EASEMENT



COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**PRESENT LAYOUT**  
 STA.53+00 TO STA.65+00  
 SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 4A        |
| P.I.H. | 2025 | PHSIP-100(68) | 4A        |
| PS&E   | 2026 | PHSIP-100(68) | 4A        |

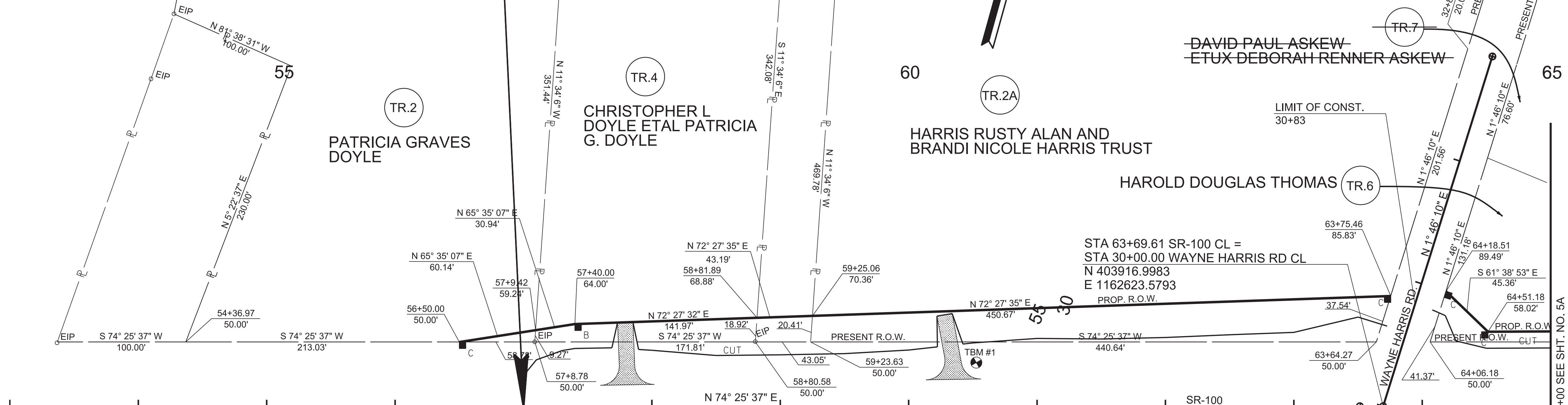
REV. 01/23/25: REVISED THE PROPOSED ROW AND CUT LINE ALONG TRACT 6. REVISED PROP. ROW LABEL STATION 59+25.00 AND OFFSET 25.00' FOR TRACT 1.

REV. 03/10/25: REVISED THE PROPERTY OWNER FOR TRACT 5.

REV. 03/19/25: REVISED THE PROPERTY OWNER FOR TRACT 2A AND ADDED Z-BARS TO TRACT 1.

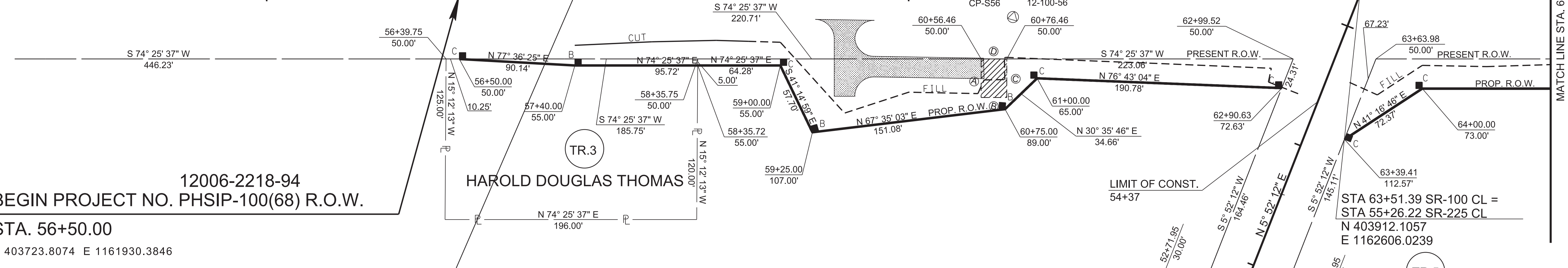
12006-3218-94  
BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00  
N 403737.2307 E 1161978.5491



12006-2218-94  
BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

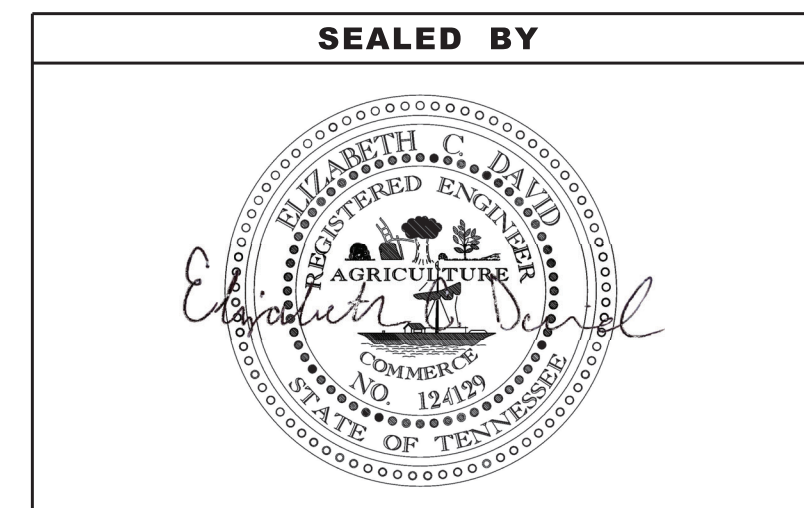
STA. 56+50.00  
N 403723.8074 E 1161930.3846



| Point  | North       | East         | Elevation | Station  | Offset  |
|--------|-------------|--------------|-----------|----------|---------|
| S56    | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57    | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1 | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2 | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |

| Element | Direction       | Distance |
|---------|-----------------|----------|
| (A)     | S 15° 34' 23" E | 30.00    |
| (B)     | N 74° 25' 37" E | 20.00    |
| (C)     | N 15° 34' 23" W | 30.00    |
| (D)     | S 74° 25' 37" W | 20.00    |

LEGEND  
 EXISTING UTILITY EASEMENT



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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY  
DETAILS  
STA.53+00 TO STA.65+00  
SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 4C        |
| P.I.H. | 2025 | PHSIP-100(68) | 4C        |
| PS&E   | 2026 | PHSIP-100(68) | 4C        |

12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00

N 403737.2307 E 1161978.5491

12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00

N 403723.8074 E 1161930.3846

EXISTING GROUND

PROPOSED GRAPHICAL GRADE  
 SR-100 STA. 57+40.00 TO STA. 65+00.00 MAINTAIN EXISTING FINISHED GRADE ELEVATION RESURFACE

BEGIN SPECIAL (LT) V DITCH STA. 57+00.00 EL. 470.15

LIMIT OF FULL DEPTH CONST. STA. 57+40.00

END SPECIAL (LT) V DITCH STA. 57+40.00 EL. 467.31

STA. 63+68.61 SR-100 CL = STA. 30+00.00 WAYNE HARRIS RD CL  
 N 403916.9983 E 1162623.5793

OH WIRE STA. 63+82.14  
 LOW WIRE EL. 469.89'  
 TEMP. 70 DEG.  
 4/W POWER  
 1/W TELL

EX. 15" RCP TO BE PLUGGED AND ABANDONED

DRAINAGE DATA FOR STATION: 60+23.22  
 EXISTING STRUCTURE: 15" RCP

|                  |         |       |
|------------------|---------|-------|
| INLET            | 454.70  | ELEV. |
| OUTLET           | 452.25  | ELEV. |
| SKEW             | 90      | DEG.  |
| FLOW             | SOUTH   |       |
| DRAINAGE AREA    | 1.0     | AC.   |
| TERRAIN          | ROLLING |       |
| IMPERVIOUS AREA  | 10      | %     |
| DISCHARGE (Q50)  | 2.73    | CFS   |
| DISCHARGE (Q100) | 3.04    | CFS   |
| VELOCITY (Q50)   | 0.36    | FT/S  |
| VELOCITY (Q100)  | 0.40    | FT/S  |

62+57.86 CROSSING 4" GAS LINE

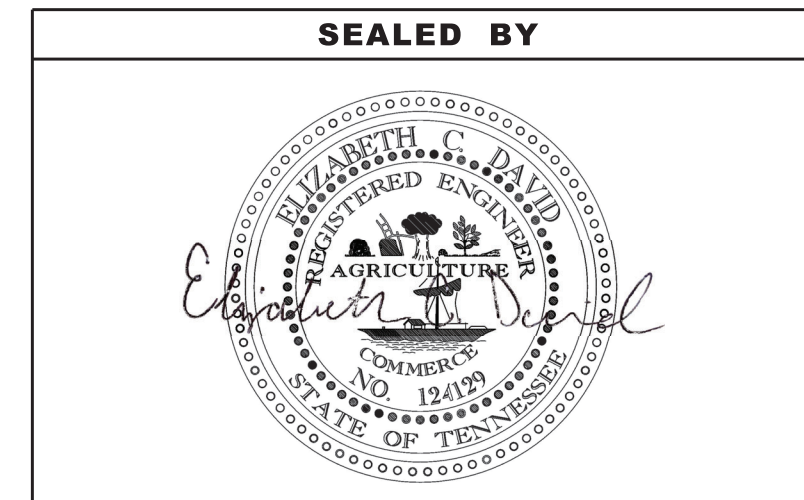
62+77.14 CROSSING 6" WATER LINE

BEGIN SPECIAL (LT) V DITCH STA. 64+50.00 EL. 444.62

MATCH LINE STA. 65+00 SEE SHT. NO. 5C

CP-S56  
 STA. 60+81.28 17.38'(RT)  
 N 403822.8460 E 1162350.4940  
 ELEV 455.53

TBM #1  
 STA. 60+52.72 -33.92'(LT)  
 N 403864.6000 E 1162309.2110  
 ELEV 457.90  
 BENCH TIE IN 48" OAK TREE



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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA.53+00 TO STA.65+00

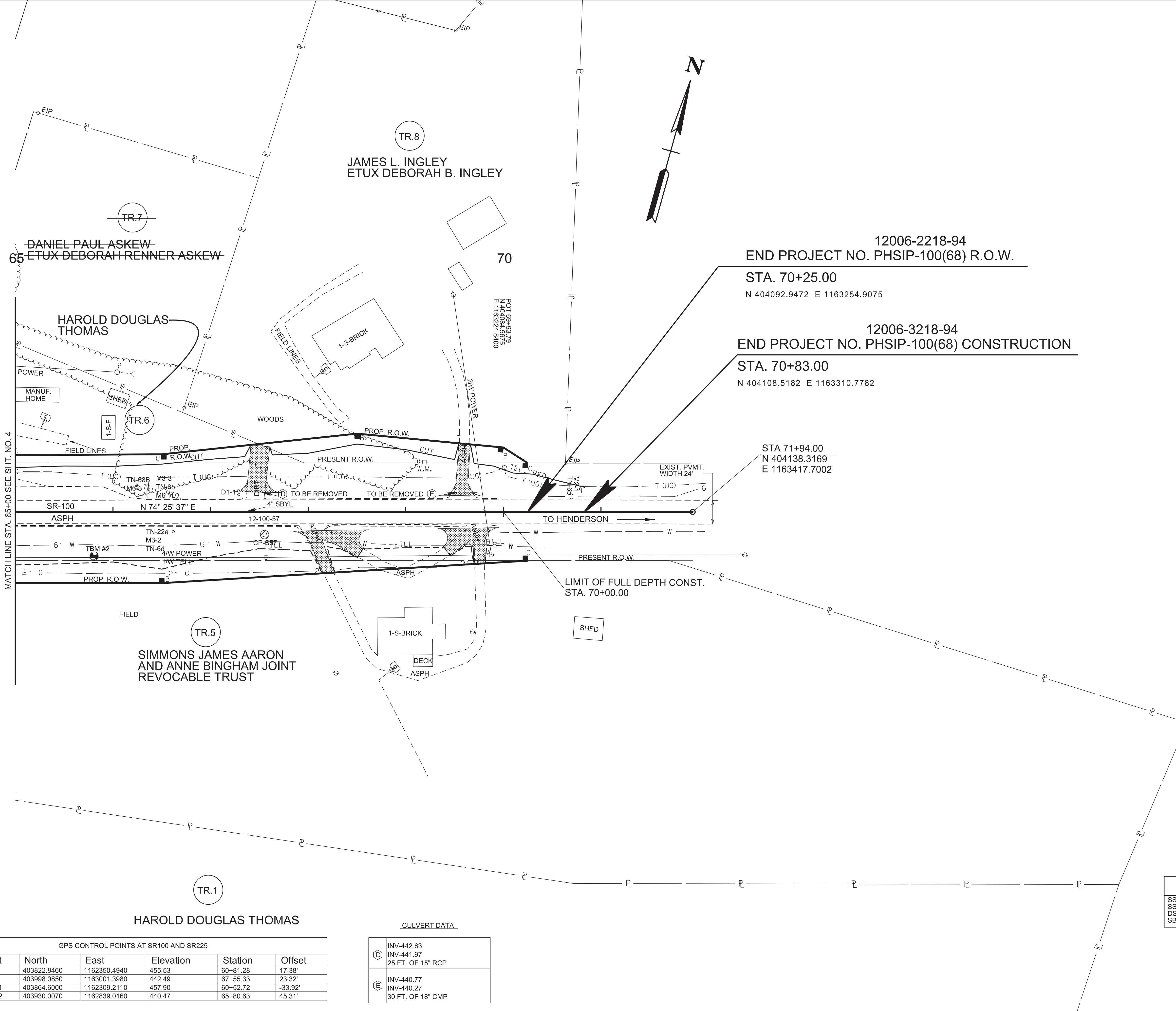
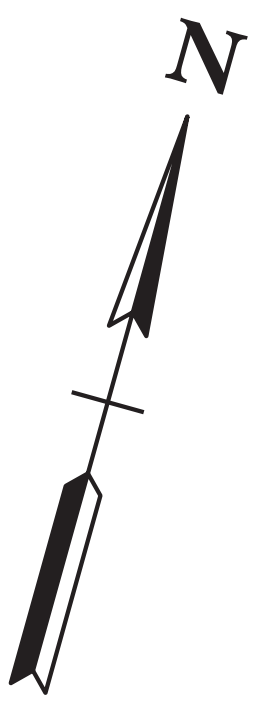
SCALE: 1"=50' HORIZ.  
 1"=5' VERT.

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 5         |
| P.I.H. | 2025 | PHSIP-100(68) | 5         |
| PS&E   | 2026 | PHSIP-100(68) | 5         |

REV. 01/23/25: TURNED ON THE SEPTIC LINE FOR TRACT 5. TURNED ON THE VEGETATION LEVEL AND REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8. REVISED THE CUT LINE ALONG TRACT 6.

REV. 03/10/25: REVISED THE PROPERTY OWNER FOR TRACT 5.



MATCH LINE STA. 65+00 SEE SHT. NO. 4

12006-2218-94  
END PROJECT NO. PHSIP-100(68) R.O.W.  
STA. 70+25.00  
N 404092.9472 E 1163254.9075

12006-3218-94  
END PROJECT NO. PHSIP-100(68) CONSTRUCTION  
STA. 70+83.00  
N 404108.5182 E 1163310.7782

STA 71+94.00  
N 404138.3169  
E 1163417.7002

LIMIT OF FULL DEPTH CONST.  
STA. 70+00.00

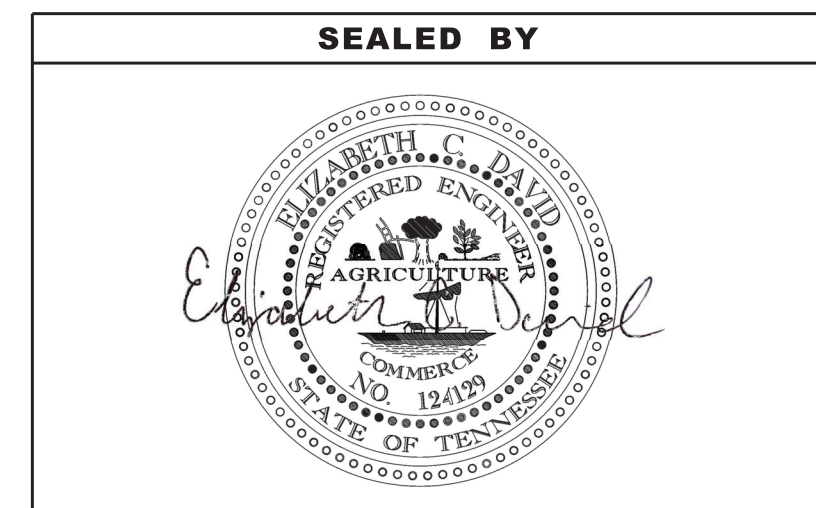
CULVERT DATA

|   |   |
|---|---|
| ① | INV-442.63<br>INV-441.97<br>25 FT. OF 15" RCP |
| ② | INV-440.77<br>INV-440.27<br>30 FT. OF 18" CMP |

GPS CONTROL POINTS AT SR100 AND SR225

| Point  | North       | East         | Elevation | Station  | Offset  |
|--------|-------------|--------------|-----------|----------|---------|
| S56    | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57    | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1 | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2 | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |

PAVEMENT MARKING ABBREVIATIONS  
SSWL - SINGLE SOLID WHITE LINE  
SSYL - SINGLE SOLID YELLOW LINE  
DSYL - DOUBLE SOLID YELLOW LINE  
SBYL - SINGLE BROKEN YELLOW LINE



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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

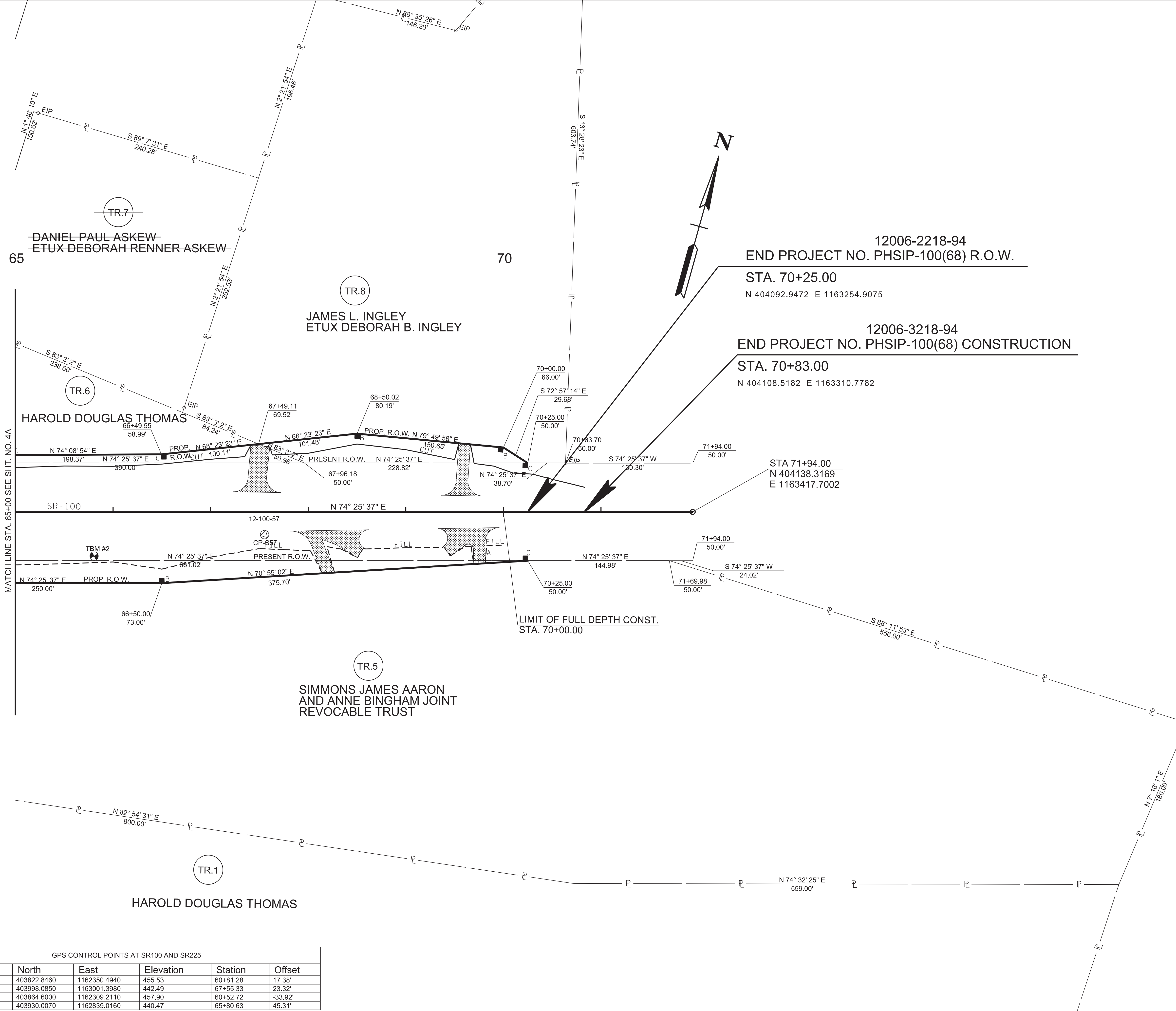
**PRESENT LAYOUT**  
STA. 65+00 TO STA. 71+94  
SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 5A        |
| P.I.H. | 2025 | PHSIP-100(68) | 5A        |
| PS&E   | 2026 | PHSIP-100(68) | 5A        |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8. REVISED THE CUT LINE ALONG TRACT 6. REVISED THE EXISTING ROW BEARING N 74° 25' 37" E AND DISTANCE 661.02' FOR TRACT 5.

REV. 03/10/25: REVISED THE PROPERTY OWNER FOR TRACT 5.



MATCH LINE STA. 65+00 SEE SHT. NO. 4A

65

70

SR-100

66+50.00  
73.00'

66+49.55  
58.99'

67+49.11  
69.52'

68+50.02  
80.19'

70+00.00  
66.00'

70+25.00  
50.00'

70+63.70  
50.00'

71+94.00  
50.00'

250.00'

661.02'

375.70'

144.98'

70+25.00  
50.00'

71+69.98  
50.00'

71+94.00  
50.00'

N 82° 54' 31" E  
800.00'

N 74° 32' 25" E  
559.00'

N 7° 16' 1" E  
180.00'

MATCH LINE STA. 65+00 SEE SHT. NO. 4A

| GPS CONTROL POINTS AT SR100 AND SR225 |             |              |           |          |         |
|---------------------------------------|-------------|--------------|-----------|----------|---------|
| Point                                 | North       | East         | Elevation | Station  | Offset  |
| S56                                   | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57                                   | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1                                | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2                                | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |

**SEALED BY**

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

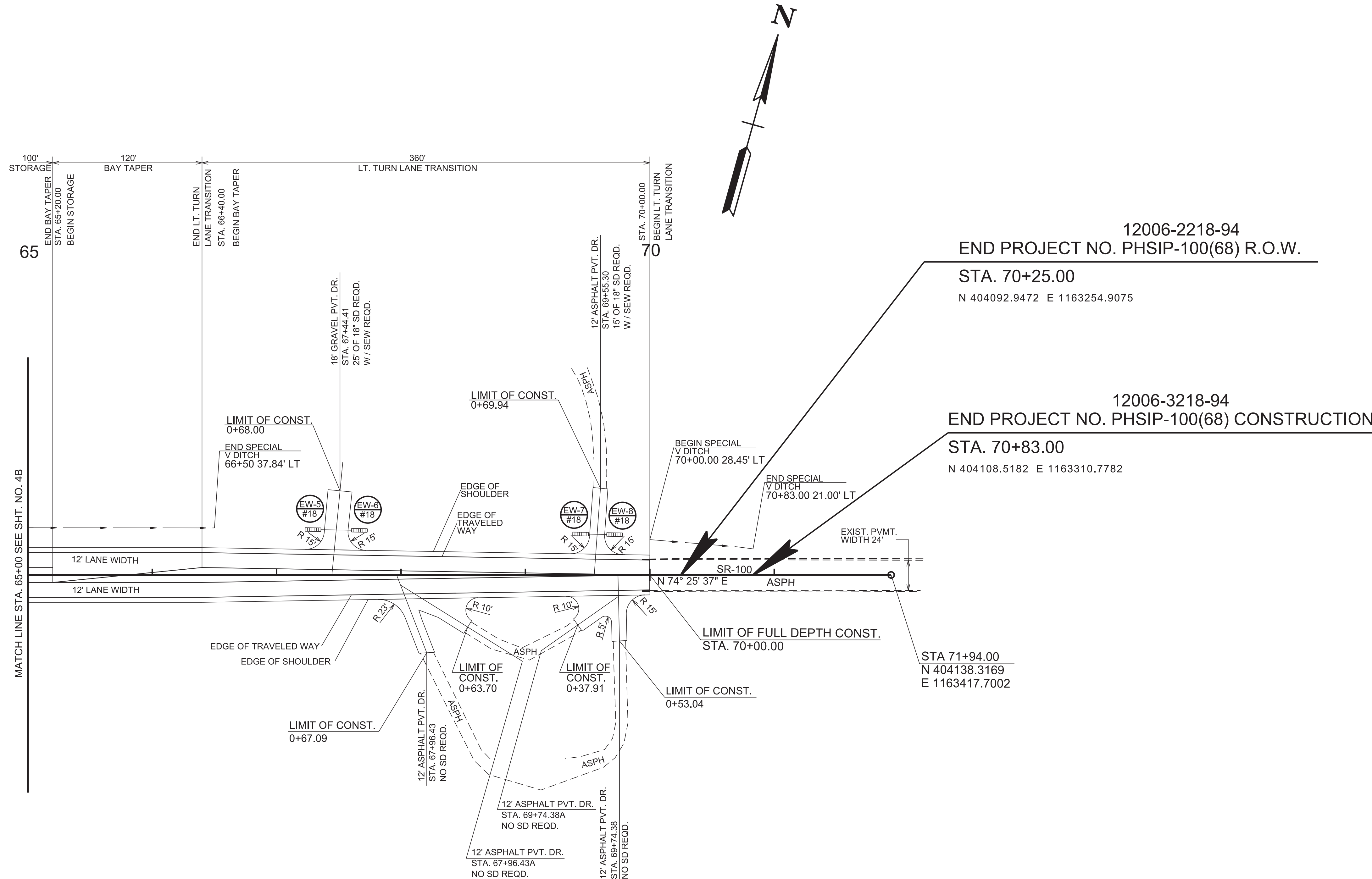
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY  
DETAILS**

STA. 65+00 TO STA. 71+94  
SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 5B        |
| P.I.H. | 2025 | PHSIP-100(68) | 5B        |
| PS&E   | 2026 | PHSIP-100(68) | 5B        |



| CODE | TYPE | SIZE | LENGTH  | STATION  | OFFSET   | INLET ELEVATION |
|------|------|------|---------|----------|----------|-----------------|
| EW-5 | SEW  | 18"  | 3' - 0" | 67+35.56 | 36.41 LT | 442.04          |
| EW-6 | SEW  | 18"  | 3' - 0" | 67+60.23 | 36.00 LT | 441.88          |
| EW-7 | SEW  | 18"  | 3' - 0" | 69+50.66 | 32.80 LT | 440.48          |
| EW-8 | SEW  | 18"  | 3' - 0" | 69+65.33 | 32.58 LT | 440.34          |

NOTE: SEE SHEET 16 AND 17, SIGNING AND PAVEMENT MARKING PLANS, FOR ALL PROPOSED SIGNAGE WITHIN THE PROJECT LIMITS.

**SEALED BY**

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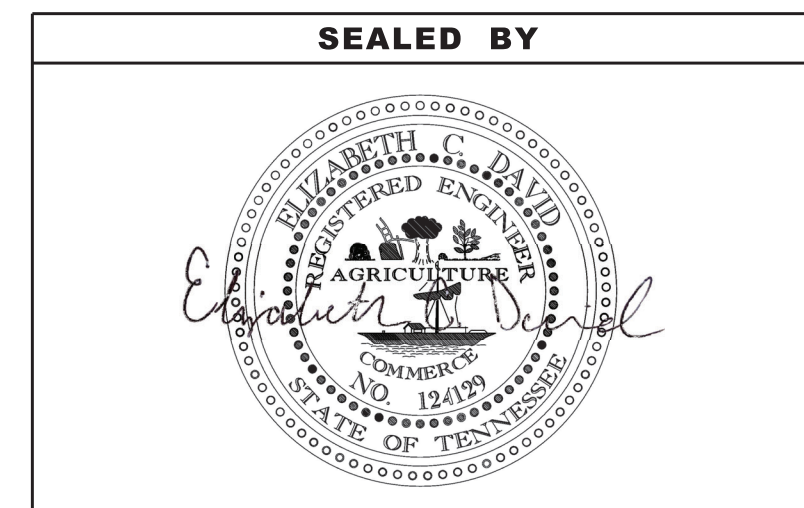
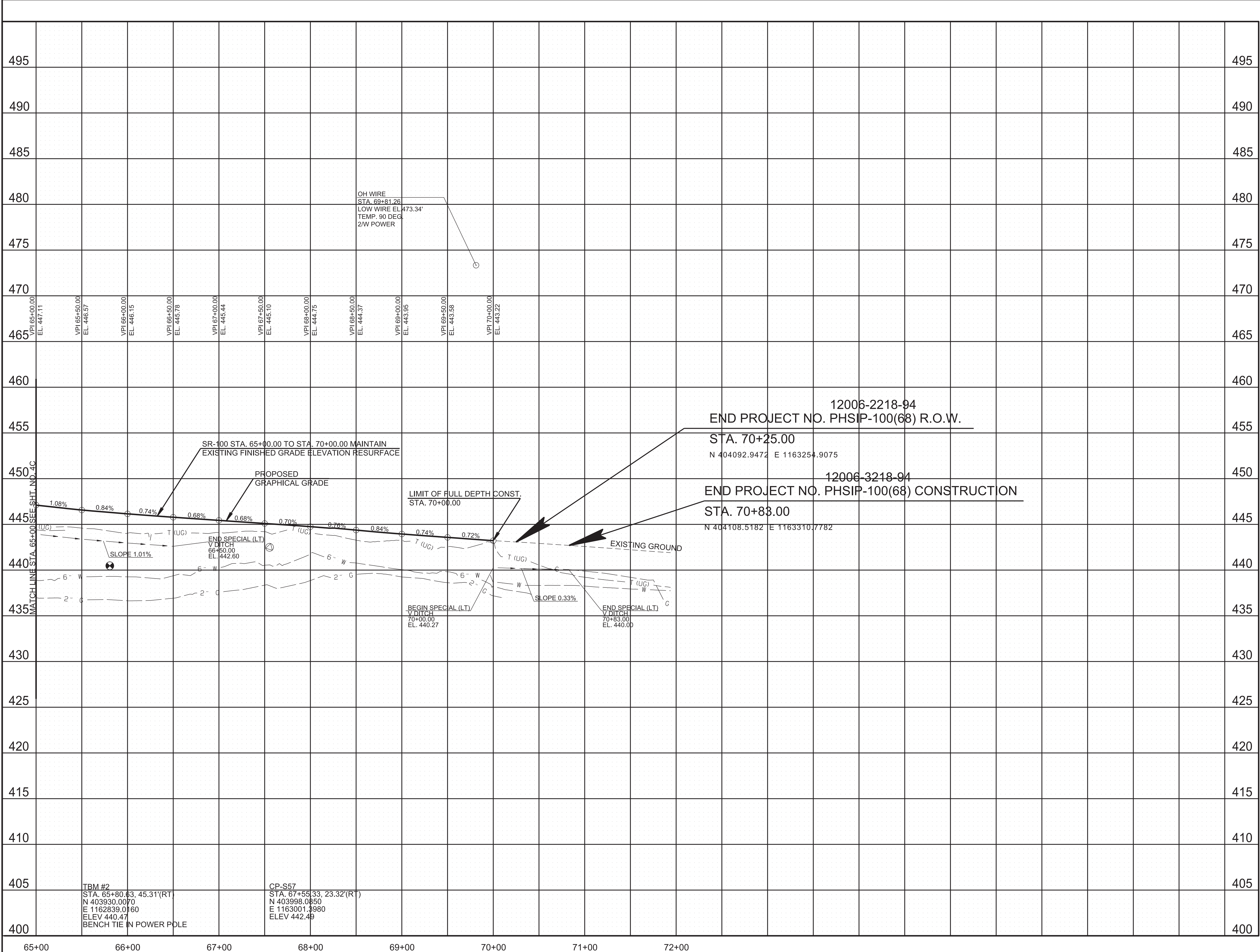
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
LAYOUT**

STA.65+00 TO STA.71+94  
SCALE: 1"=50'

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 5C        |
| P.I.H. | 2025 | PHSIP-100(68) | 5C        |
| PS&E   | 2026 | PHSIP-100(68) | 5C        |

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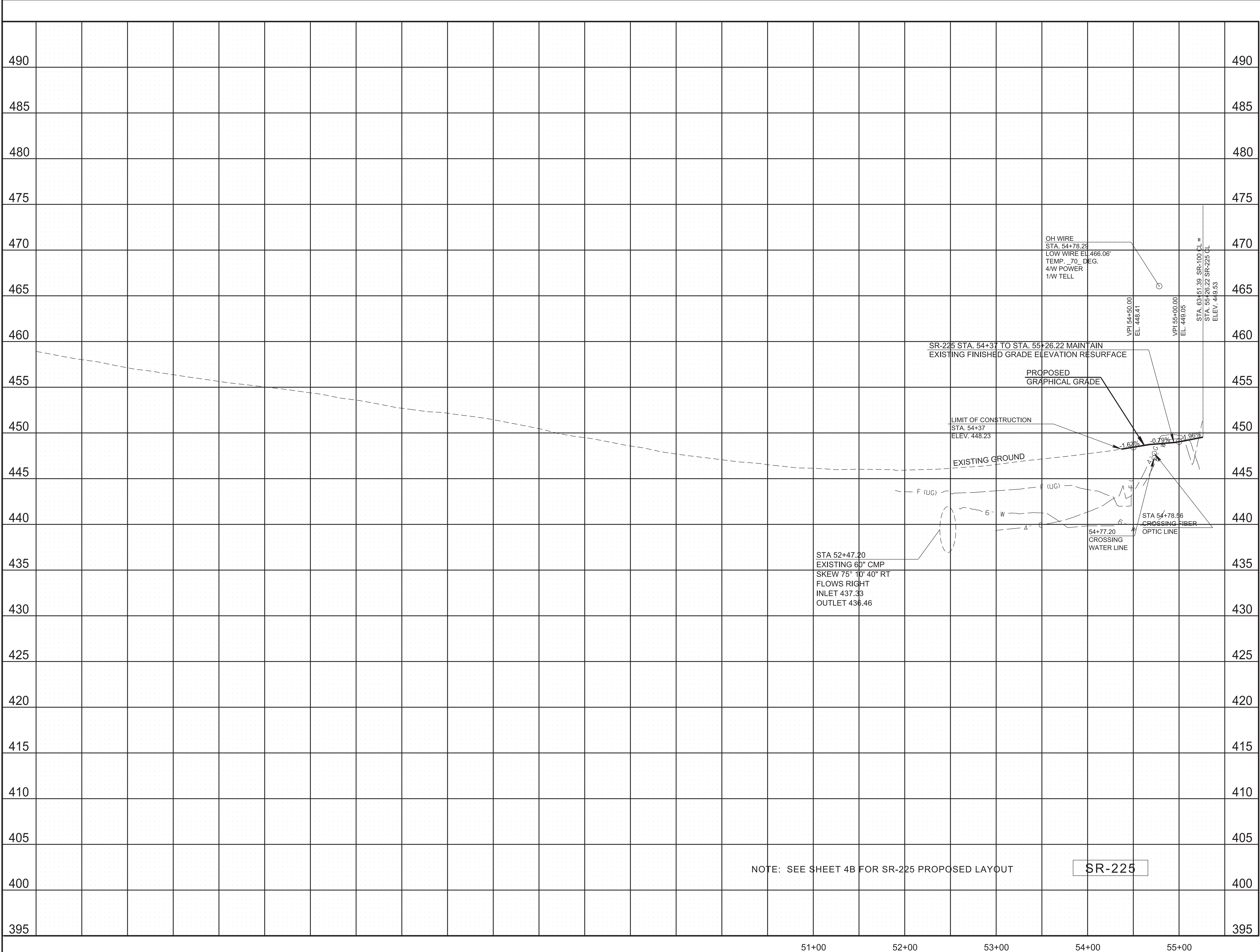
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
PROFILE**

STA. 65+00 TO STA. 71+94

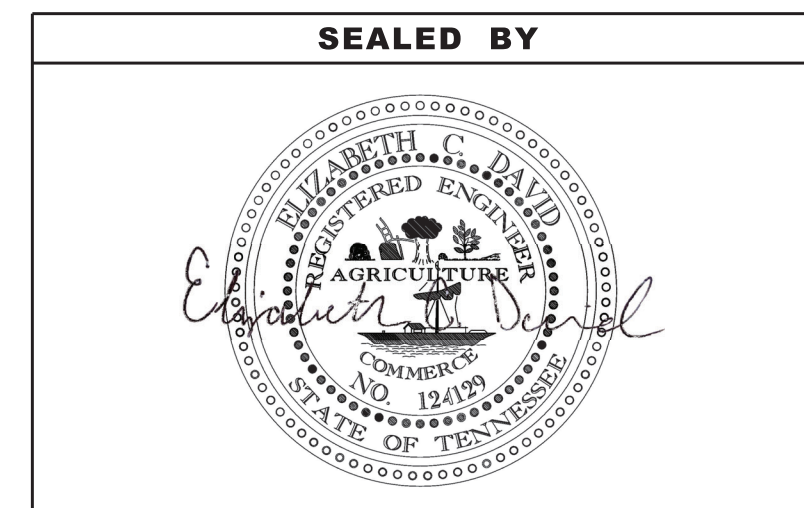
SCALE: 1"=50' HORIZ.  
1"=5' VERT.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 6         |
| P.I.H. | 2025 | PHSIP-100(68) | 6         |
| PS&E   | 2026 | PHSIP-100(68) | 6         |



NOTE: SEE SHEET 4B FOR SR-225 PROPOSED LAYOUT

SR-225



COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

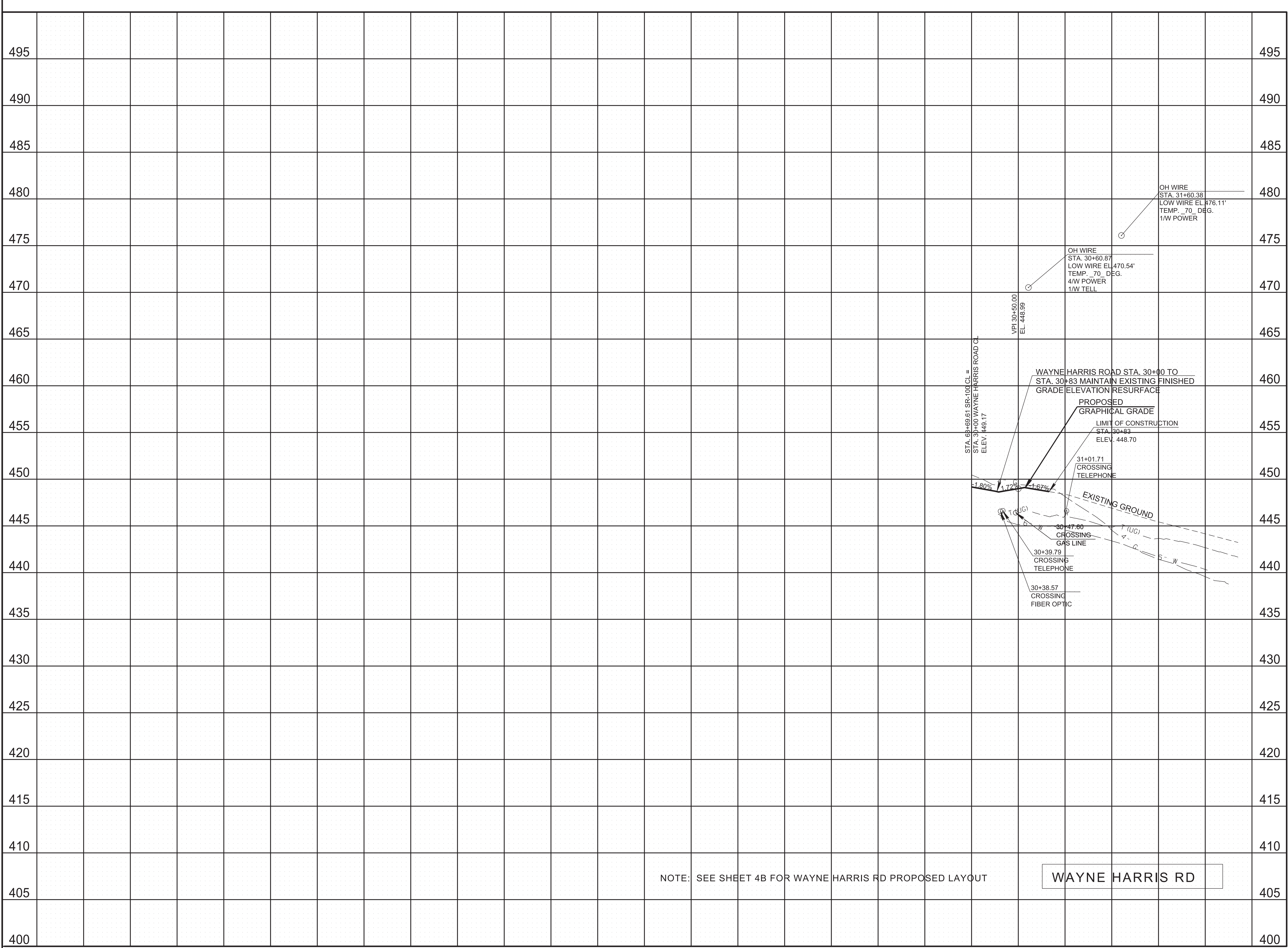
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SIDE ROAD  
PROFILE

SCALE: 1"=50' HORIZ.  
1"=5' VERT.

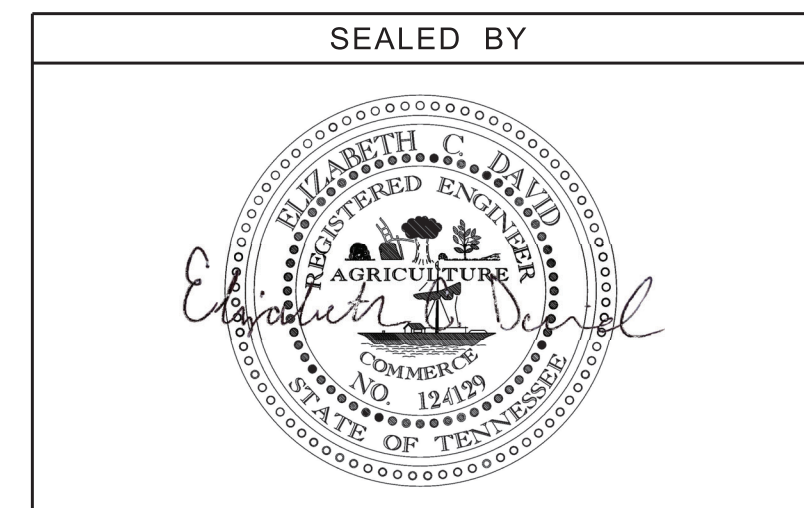
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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 7         |
| P.I.H. | 2025 | PHSIP-100(68) | 7         |
| PS&E   | 2026 | PHSIP-100(68) | 7         |



NOTE: SEE SHEET 4B FOR WAYNE HARRIS RD PROPOSED LAYOUT

WAYNE HARRIS RD



COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

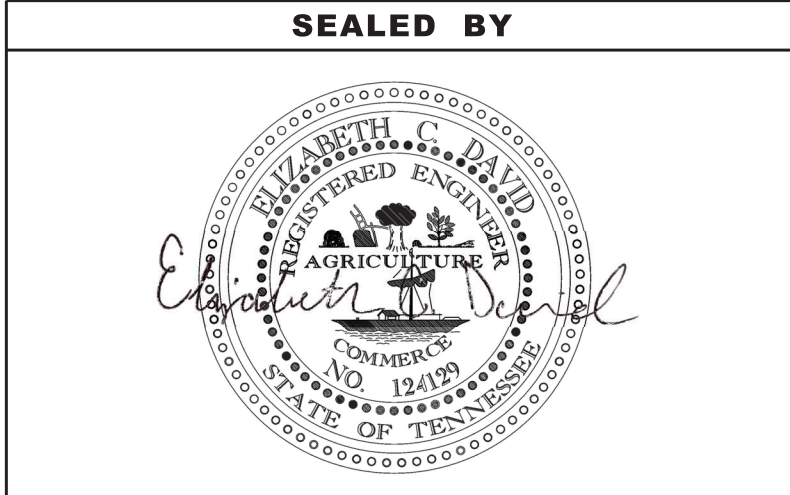
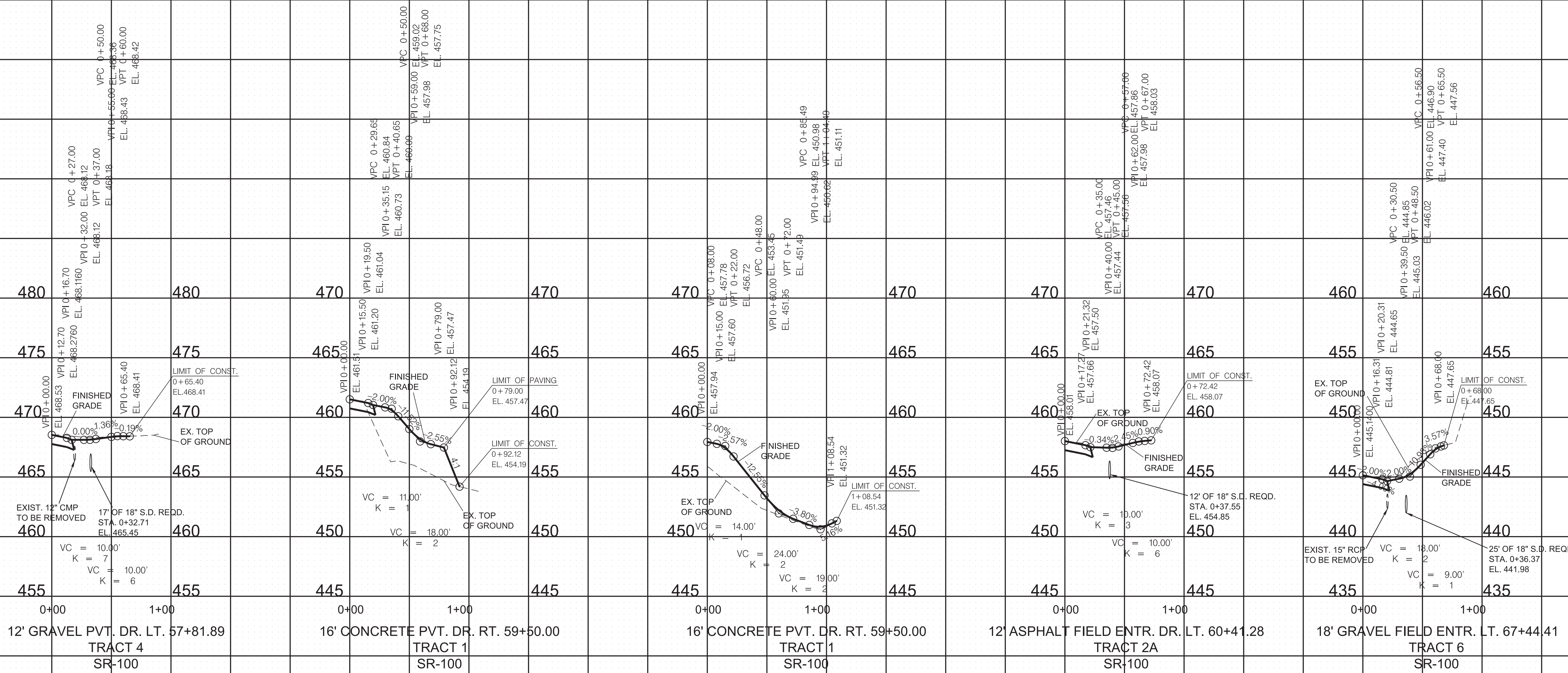
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**SIDE ROAD  
PROFILE**

SCALE: 1"=50' HORIZ.  
1"=5' VERT.

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 8         |
| P.I.H. | 2025 | PHSIP-100(68) | 8         |
| PS&E   | 2026 | PHSIP-100(68) | 8         |



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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

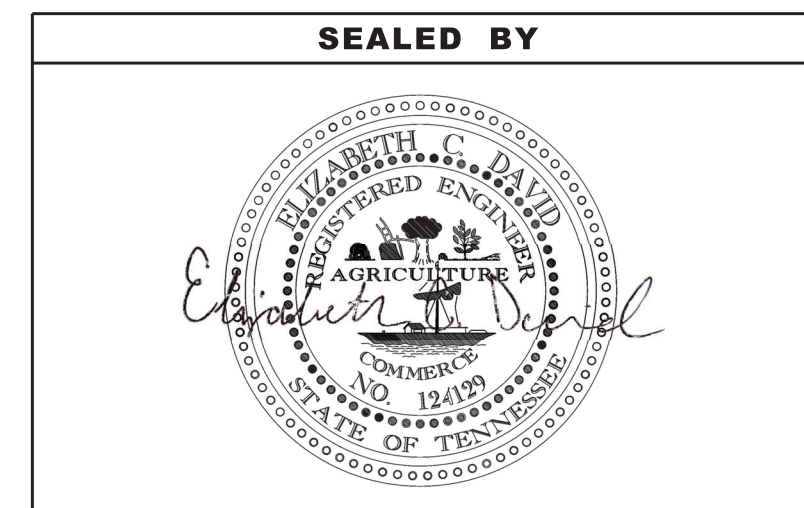
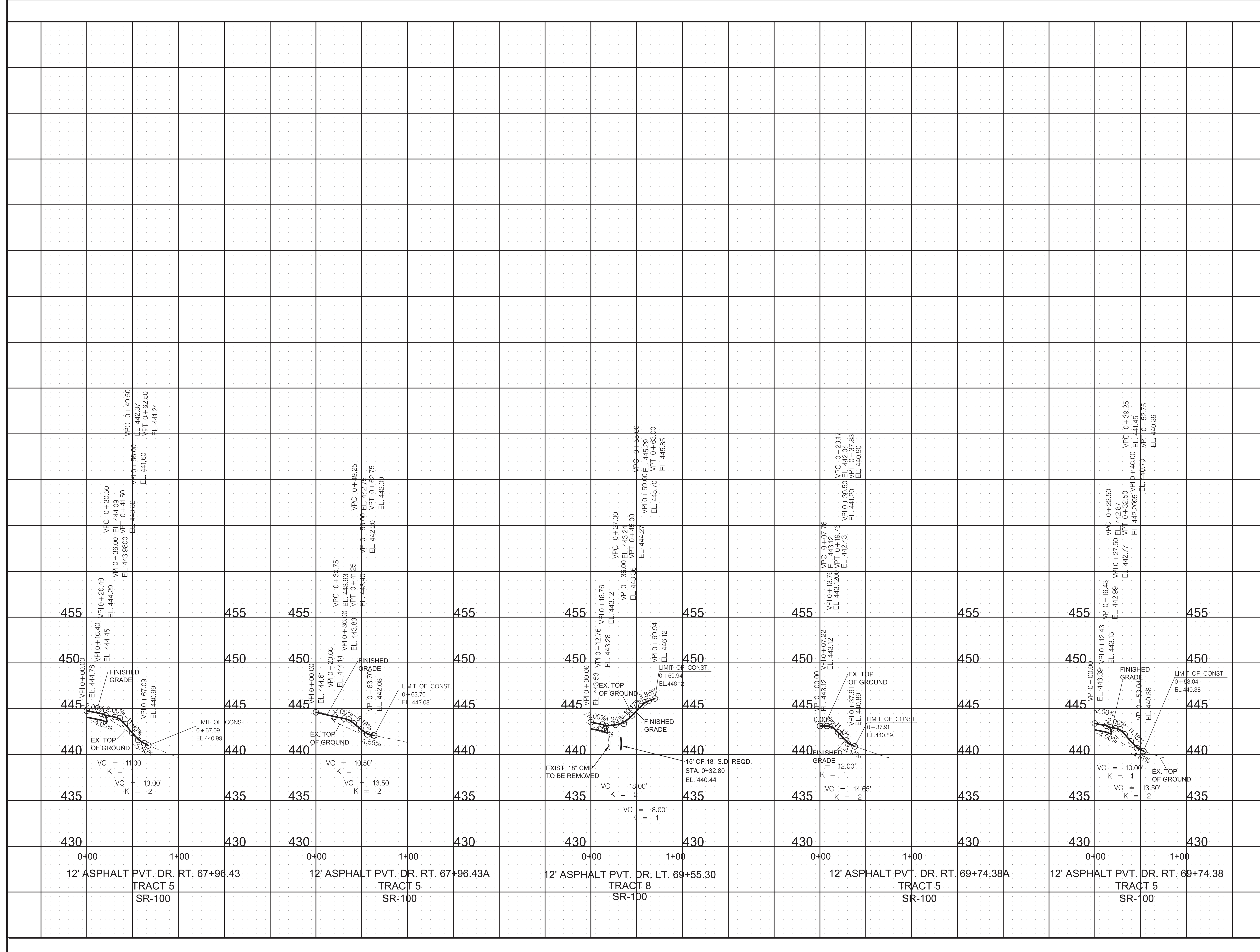
## PRIVATE DRIVE AND FIELD ENTRANCE PROFILES

SCALE: 1"=50' HORIZ.  
1"=5' VERT.

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 9         |
| PS&E   | 2026 | PHSIP-100(68) | 9         |
|        |      |               |           |

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

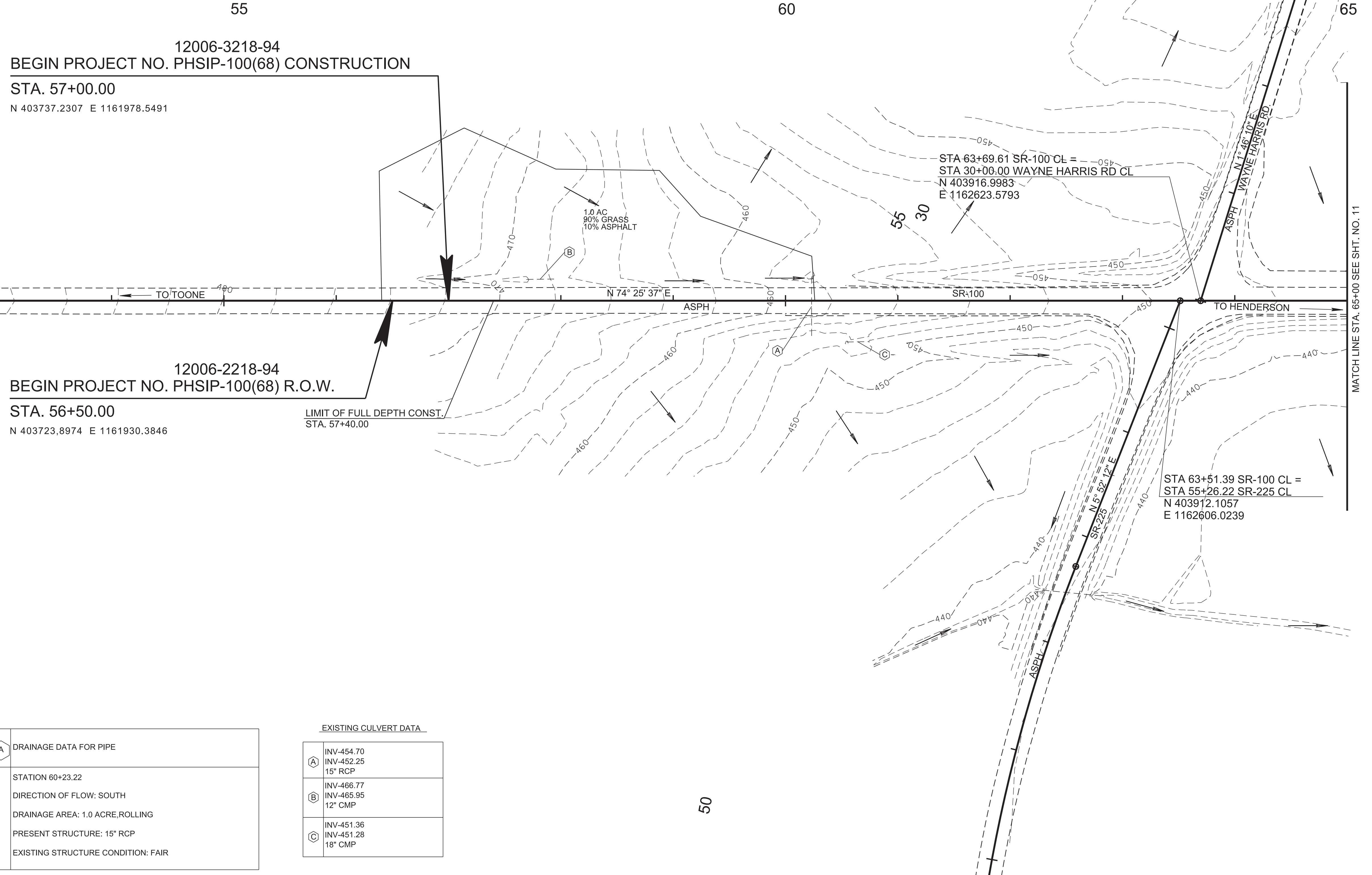
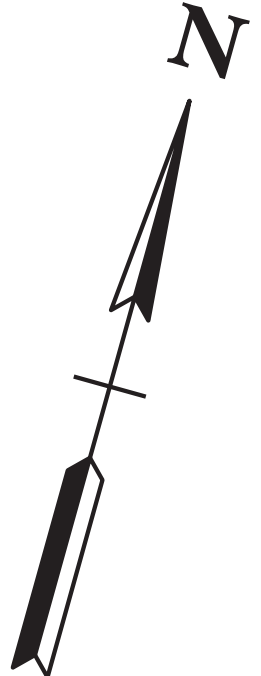
**PRIVATE DRIVE  
AND  
FIELD ENTRANCE  
PROFILES**

SCALE: 1"=50' HORIZ.  
1"=5' VERT.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 9         |
| P.I.H. | 2025 | PHSIP-100(68) | 10        |
| PS&E   | 2026 | PHSIP-100(68) | 10        |

DRAINAGE DATA FOR  
STATION: 60+23.22  
EXISTING STRUCTURE: 15" RCP

|                  |         |       |
|------------------|---------|-------|
| INLET            | 454.70  | ELEV. |
| OUTLET           | 452.25  | ELEV. |
| SKEW             | 90      | DEG.  |
| FLOW             | SOUTH   |       |
| DRAINAGE AREA    | 1.0     | AC.   |
| TERRAIN          | ROLLING |       |
| IMPERVIOUS AREA  | 10      | %     |
| DISCHARGE (Q50)  | 2.73    | CFS   |
| DISCHARGE (Q100) | 3.04    | CFS   |
| VELOCITY (Q50)   | 0.36    | FT/S  |
| VELOCITY (Q100)  | 0.40    | FT/S  |



12006-3218-94  
BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00  
N 403737.2307 E 1161978.5491

12006-2218-94  
BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00  
N 403723.8974 E 1161930.3846

LIMIT OF FULL DEPTH CONST.  
STA. 57+40.00

| A | DRAINAGE DATA FOR PIPE             |
|---|------------------------------------|
|   | STATION 60+23.22                   |
|   | DIRECTION OF FLOW: SOUTH           |
|   | DRAINAGE AREA: 1.0 ACRE, ROLLING   |
|   | PRESENT STRUCTURE: 15" RCP         |
|   | EXISTING STRUCTURE CONDITION: FAIR |

| EXISTING CULVERT DATA |                                     |
|-----------------------|-------------------------------------|
| A                     | INV-454.70<br>INV-452.25<br>15" RCP |
| B                     | INV-466.77<br>INV-465.95<br>12" CMP |
| C                     | INV-451.36<br>INV-451.28<br>18" CMP |

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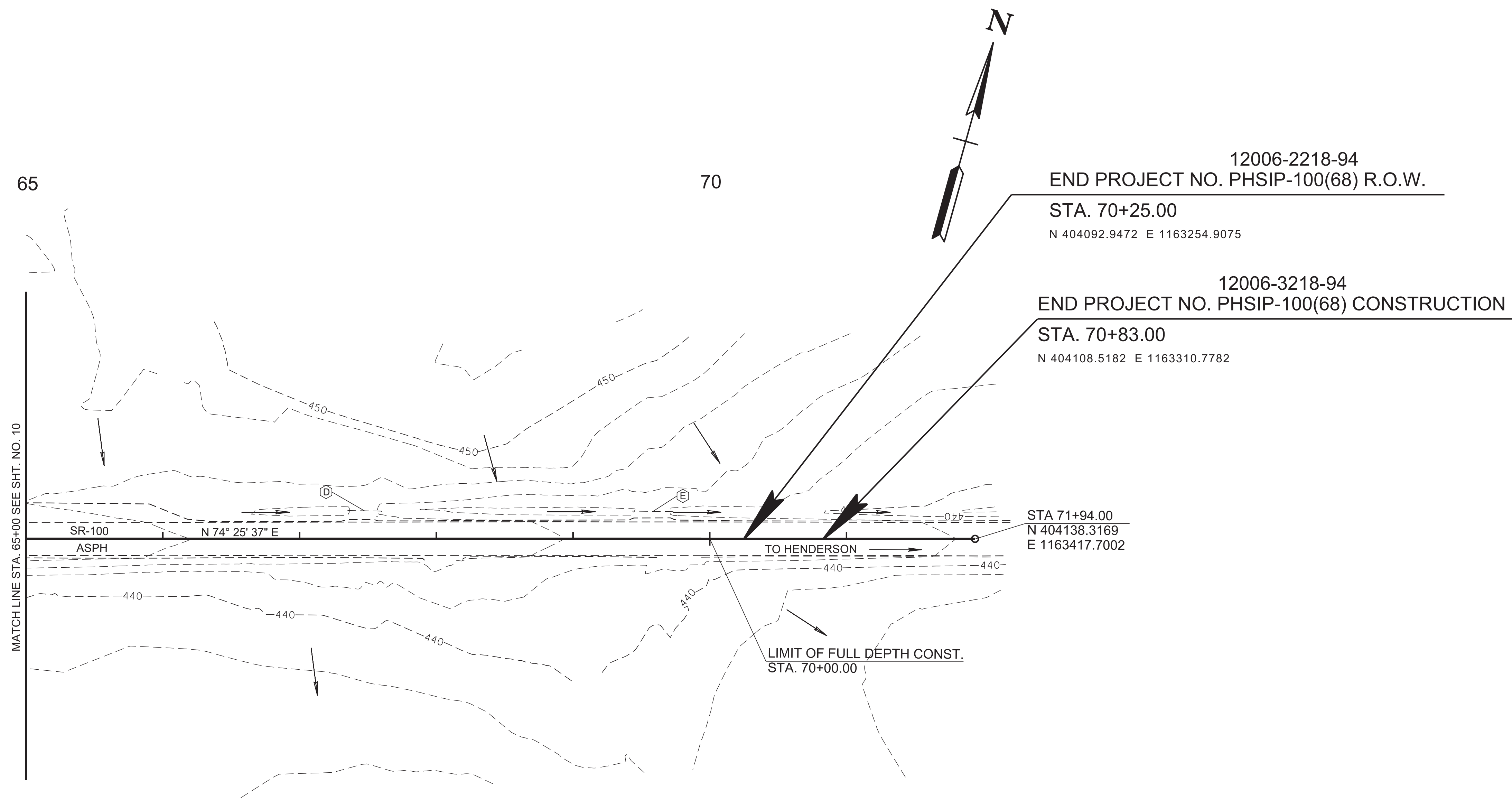
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

DRAINAGE  
MAP  
STA. 53+00 TO STA. 65+00  
SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 10        |
| P.I.H. | 2025 | PHSIP-100(68) | 11        |
| PS&E   | 2026 | PHSIP-100(68) | 11        |



MATCH LINE STA. 65+00 SEE SHT. NO. 10

CULVERT DATA

|   |                                     |
|---|-------------------------------------|
| ⊕ | INV-442.63<br>INV-441.97<br>15" RCP |
| ⊕ | INV-440.77<br>INV-440.27<br>18" CMP |

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE  
MAP**  
STA.65+00 TO STA.71+94  
SCALE: 1"=50'

# ENVIRONMENTAL NOTES

## SUBSECTION 3 – EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

### EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

#### INSPECTION, MAINTENANCE & REPAIR

- (11) REFER TO THE STORM WATER POLLUTION AND PREVENTION PLAN SHEET SERIES (S-1) FOR SWPPP, PERMITS, AND RECORDS NOTES.

#### GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (29) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (30) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (31) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (32) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (33) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- (34) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (35) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (37) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (38) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.

- (39) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- (40) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

## EPSC NOTES

- (1) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

| DISTURBED AREA (AC)                     |       |
|---|-------|
| IN-BETWEEN SLOPE LINES                  | 2.246 |
| 15 FT. WIDE STRIP (OUTSIDE SLOPE LINES) | 0.918 |
| TOTAL DISTURBED AREA                    | 3.164 |
| TOTAL RESURFACING                       | 0.815 |
| TOTAL PROJECT AREA                      | 4.445 |

(1)

(2)

(4)

(2)

(4)

(3)

(5)

| TABULATED EPSC QUANTITIES |   |      |               |
|---------------------------|---|------|---------------|
| ITEM NO.                  | DESCRIPTION                               | UNIT | QUANTITY      |
|                           |   |      | 12006-3218-94 |
| 203-01                    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) | C.Y. | 29            |
| 203-04                    | PLACING AND SPREADING TOPSOIL             | C.Y. | 400           |
| 209-05                    | SEDIMENT REMOVAL                          | C.Y. | 55            |
| 209-08.03                 | TEMPORARY SILT FENCE (WITHOUT BACKING)    | L.F. | 1188          |
| 209-08.08                 | ENHANCED ROCK CHECK DAM                   | EACH | 2             |
| 209-09.01                 | SANDBAGS                                  | BAG  | 25            |
| 209-20.04                 | POLYETHYLENE SHEETING (10 MIL.)           | S.Y. | 200           |
| 303-10.01                 | MINERAL AGGREGATE (SIZE 57)               | TON  | 17            |
| 709-05.05                 | MACHINED RIP-RAP (CLASS A-3)              | TON  | 200           |
| 709-05.06                 | MACHINED RIP-RAP (CLASS A-1)              | TON  | 91            |
| 740-10.03                 | GEOTEXTILE (TYPE III)(EROSION CONTROL)    | S.Y. | 559           |
| 740-11.04                 | TEMPORARY SEDIMENT TUBE 20IN              | L.F. | 920           |
| 801-01.07                 | TEMPORARY SEEDING (WITH MULCH)            | UNIT | 22            |
| 801-03                    | WATER (SEEDING & SODDING)                 | M.G. | 27            |
| 803-01                    | SODDING (NEW SOD)                         | S.Y. | 2756          |

- ① SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY TDOT ENGINEER.
- ② FOR TEMPORARY CONSTRUCTION EXITS, TO BE FIELD LOCATED BY THE PROJECT ENGINEER.
- ③ INCLUDES 344 S.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 215 S.Y. FOR CULVERT PROTECTION TYPE 1.
- ④ FOR CULVERT PROTECTION TYPE 1.
- ⑤ INCLUDES 358 SY FOR SPECIAL DITCHES.

| EROSION PREVENTION AND SEDIMENT CONTROL LEGEND |                                   |           |
|--|-----------------------------------|-----------|
| SYMBOL   | ITEM                              | STD. DWG. |
| * SF * SF * SF *                               | SILT FENCE                        | EC-STR-3B |
|  | ENHANCED ROCK CHECK DAM (V-DITCH) | EC-STR-6A |
|  | CULVERT PROTECTION (TYPE 1)       | EC-STR-11 |
| **TUBE 20" **TUBE 20" **                       | 20 INCH SEDIMENT TUBE             | EC-STR-37 |

\* J-HOOKS SHALL BE INSTALLED FOR SILT FENCE INSTALLED ACROSS A CONTOUR.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 12        |
| P.I.H. | 2025 | PHSIP-100(68) | 12        |
| PS&E   | 2026 | PHSIP-100(68) | 12        |

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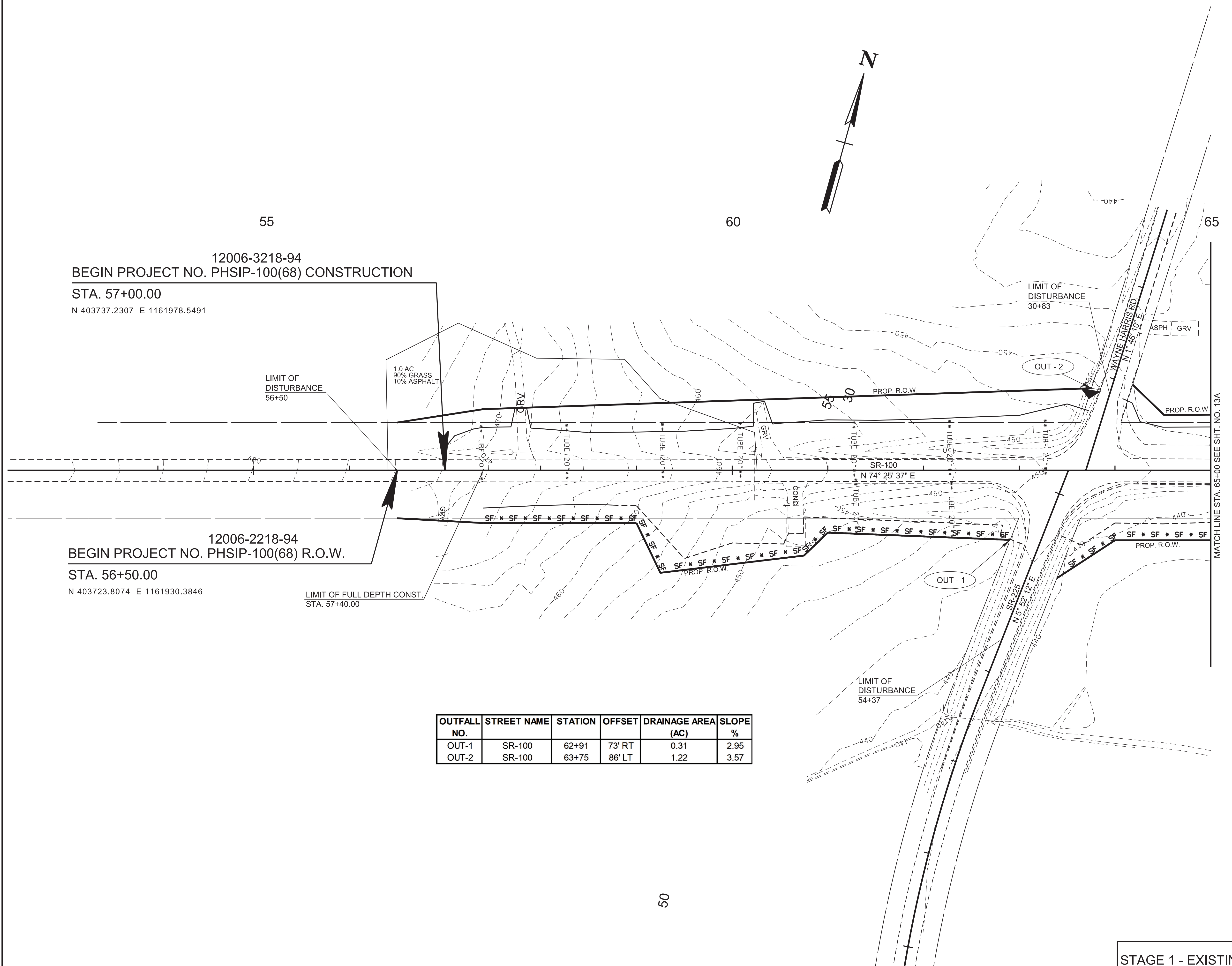


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

EROSION  
PREVENTION &  
SEDIMENT CONTROL  
(EPSC) PLANS

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 13        |
| P.I.H. | 2025 | PHSIP-100(68) | 13        |
| PS&E   | 2026 | PHSIP-100(68) | 13        |

REV. 01/23/25: REVISED THE PROPOSED ROW AND CUT LINE ALONG TRACT 6.



12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION  
 STA. 57+00.00  
 N 403737.2307 E 1161978.5491

12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.  
 STA. 56+50.00  
 N 403723.8074 E 1161930.3846

| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-1       | SR-100      | 62+91   | 73' RT | 0.31               | 2.95    |
| OUT-2       | SR-100      | 63+75   | 86' LT | 1.22               | 3.57    |

STAGE 1 - EXISTING CONTOURS

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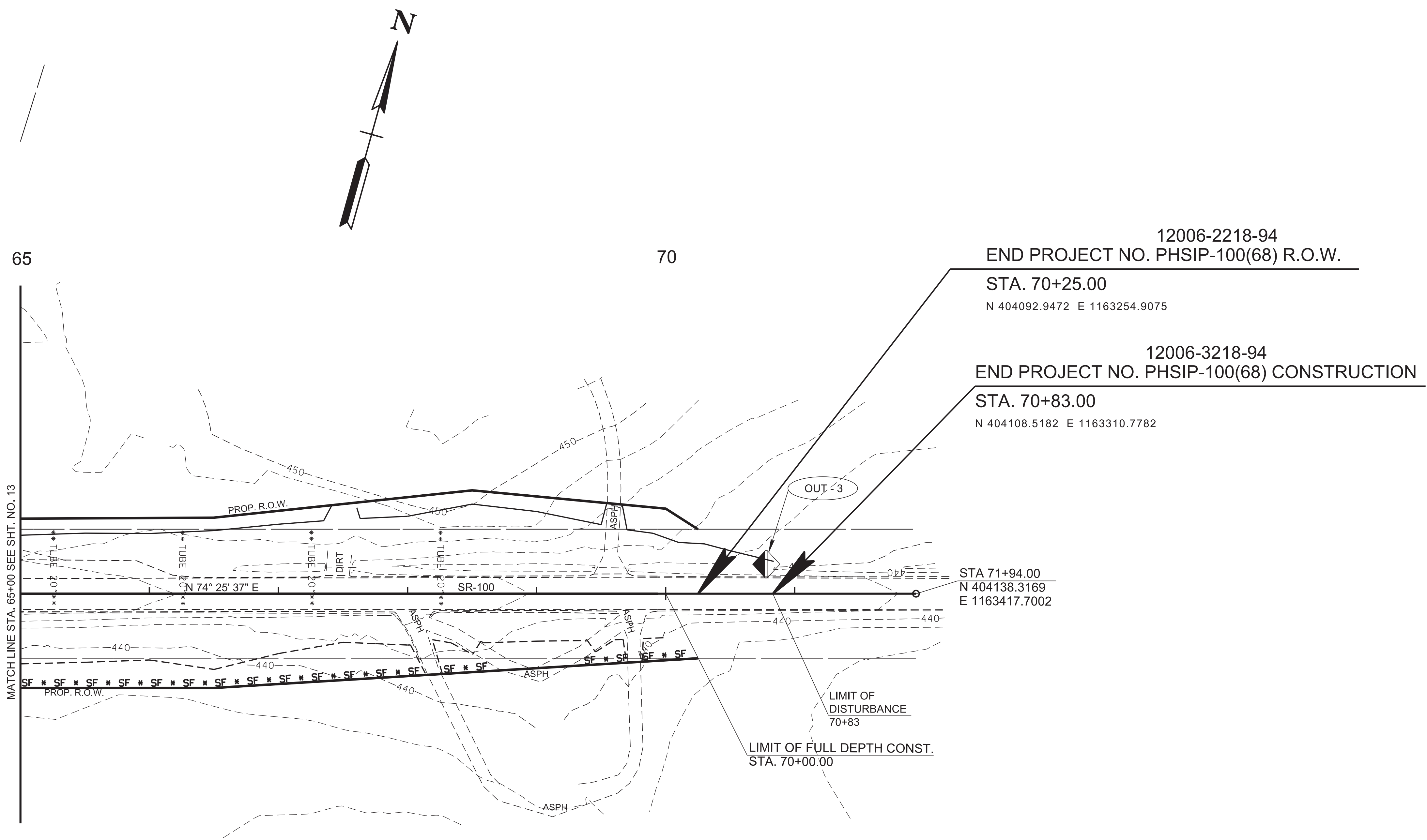
STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS  
 STA. 53+00 TO STA. 65+00  
 SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 13A       |
| P.I.H. | 2025 | PHSIP-100(68) | 13A       |
| PS&E   | 2026 | PHSIP-100(68) | 13A       |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8.  
REVISED THE CUT LINE ALONG TRACT 6.



MATCH LINE STA. 65+00 SEE SHT. NO. 13

12006-2218-94  
END PROJECT NO. PHSIP-100(68) R.O.W.  
STA. 70+25.00  
N 404092.9472 E 1163254.9075

12006-3218-94  
END PROJECT NO. PHSIP-100(68) CONSTRUCTION  
STA. 70+83.00  
N 404108.5182 E 1163310.7782

STA 71+94.00  
N 404138.3169  
E 1163417.7002

| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-3       | SR-100      | 70+00   | 19' LT | 1.78               | 2.29    |

**SEALED BY**

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

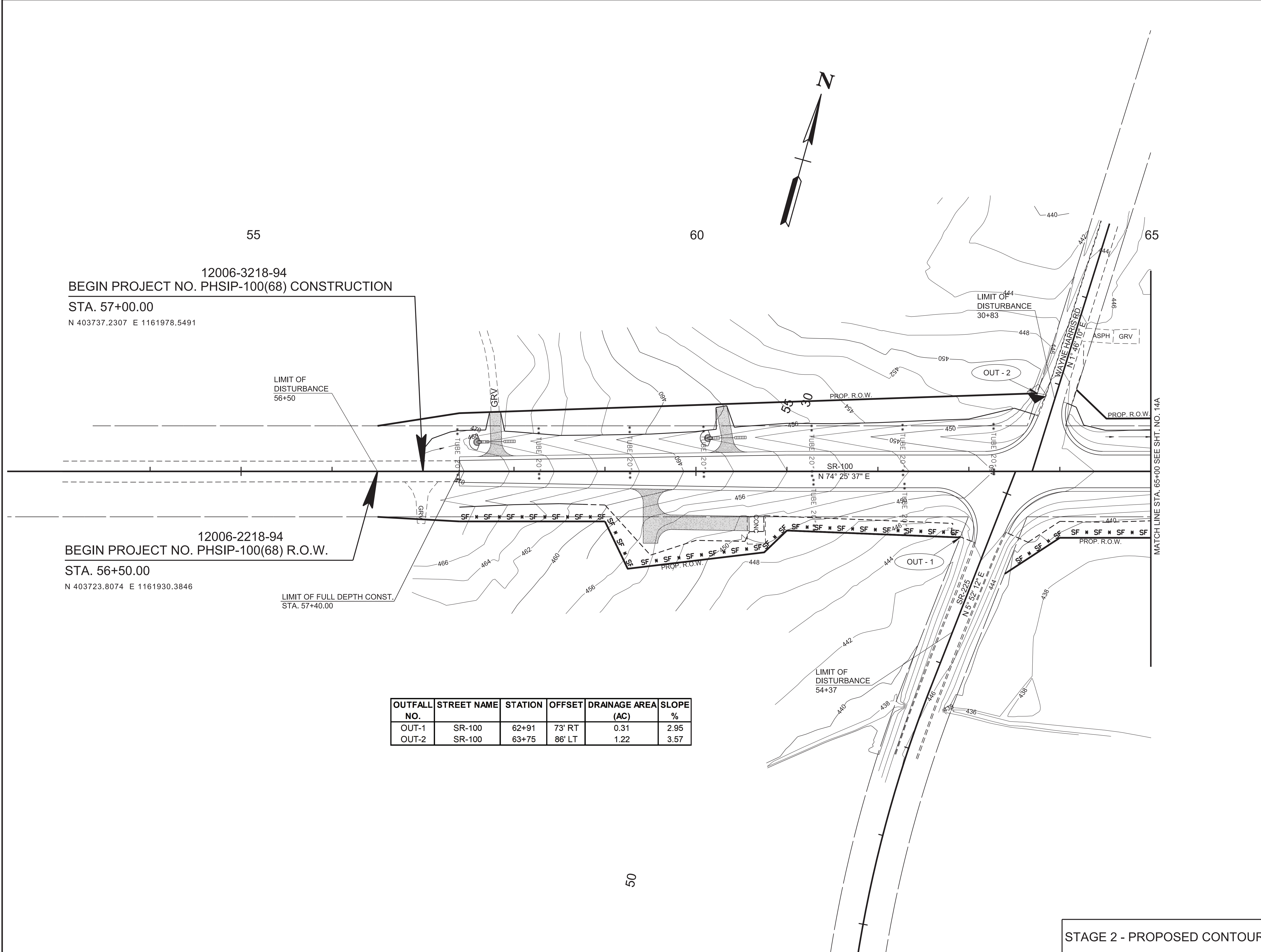
**EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS**  
STA. 65+00 TO STA. 71+94  
SCALE: 1"=50'

STAGE 1 - EXISTING CONTOURS

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 14        |
| P.I.H. | 2025 | PHSIP-100(68) | 14        |
| PS&E   | 2026 | PHSIP-100(68) | 14        |

REV. 01/23/25: REVISED THE PROPOSED ROW AND CUT LINE ALONG TRACT 6.



| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-1       | SR-100      | 62+91   | 73' RT | 0.31               | 2.95    |
| OUT-2       | SR-100      | 63+75   | 86' LT | 1.22               | 3.57    |

STAGE 2 - PROPOSED CONTOURS

**SEALED BY**

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

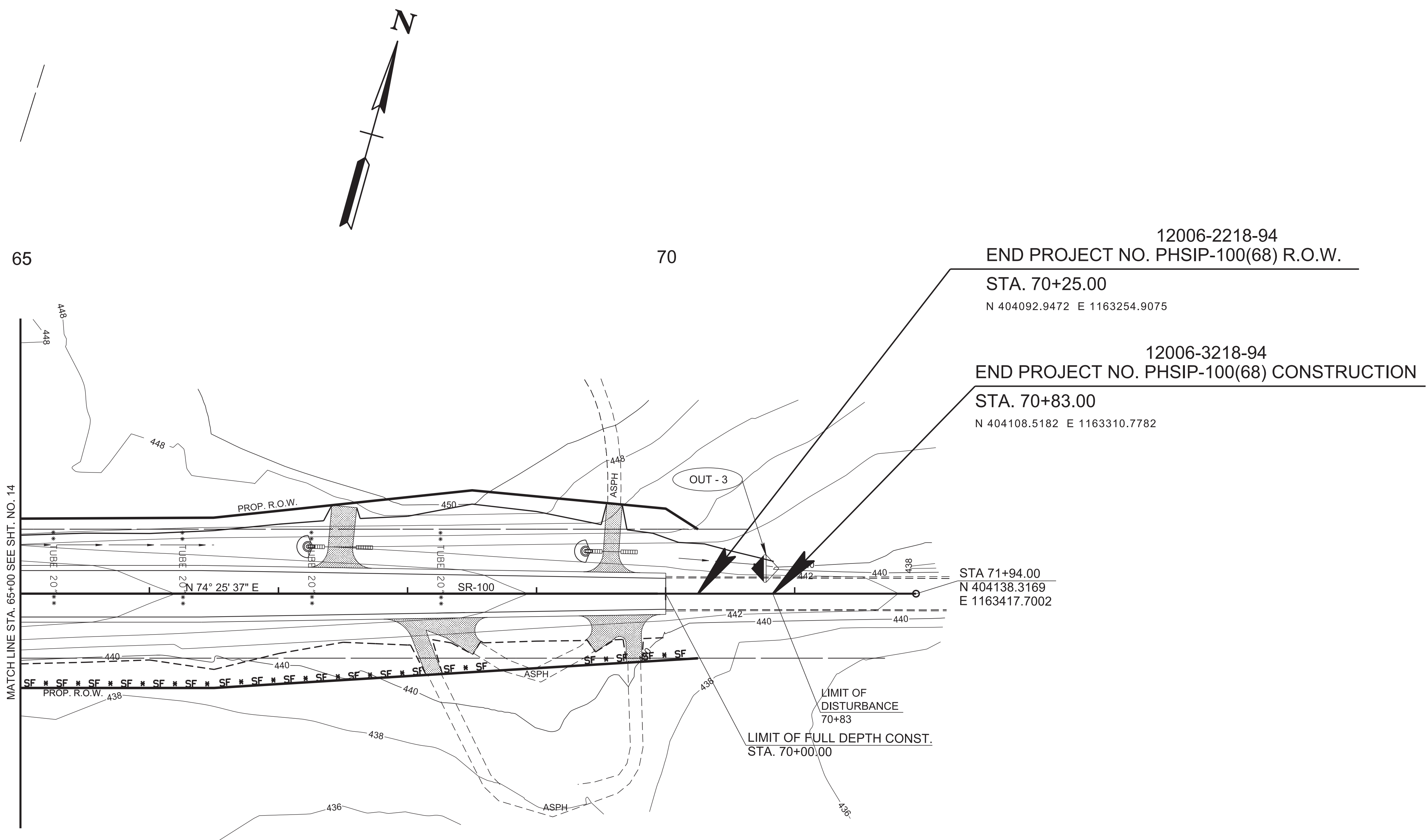
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**EROSION  
PREVENTION &  
SEDIMENT CONTROL  
(EPSC) PLANS**  
STA. 53+00 TO STA. 65+00  
SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 14A       |
| P.I.H. | 2025 | PHSIP-100(68) | 14A       |
| PS&E   | 2026 | PHSIP-100(68) | 14A       |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8.  
REVISED THE CUT LINE ALONG TRACT 6.



65

70

12006-2218-94  
END PROJECT NO. PHSIP-100(68) R.O.W.

STA. 70+25.00  
N 404092.9472 E 1163254.9075

12006-3218-94  
END PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 70+83.00  
N 404108.5182 E 1163310.7782

STA 71+94.00  
N 404138.3169  
E 1163417.7002

| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-3       | SR-100      | 70+00   | 19' LT | 1.78               | 2.29    |

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

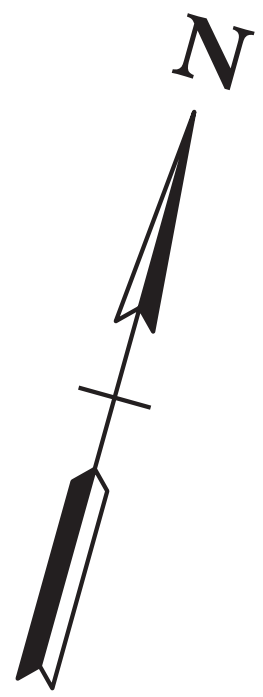
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS  
STA. 65+00 TO STA. 71+94  
SCALE: 1"=50'

STAGE 2 - PROPOSED CONTOURS

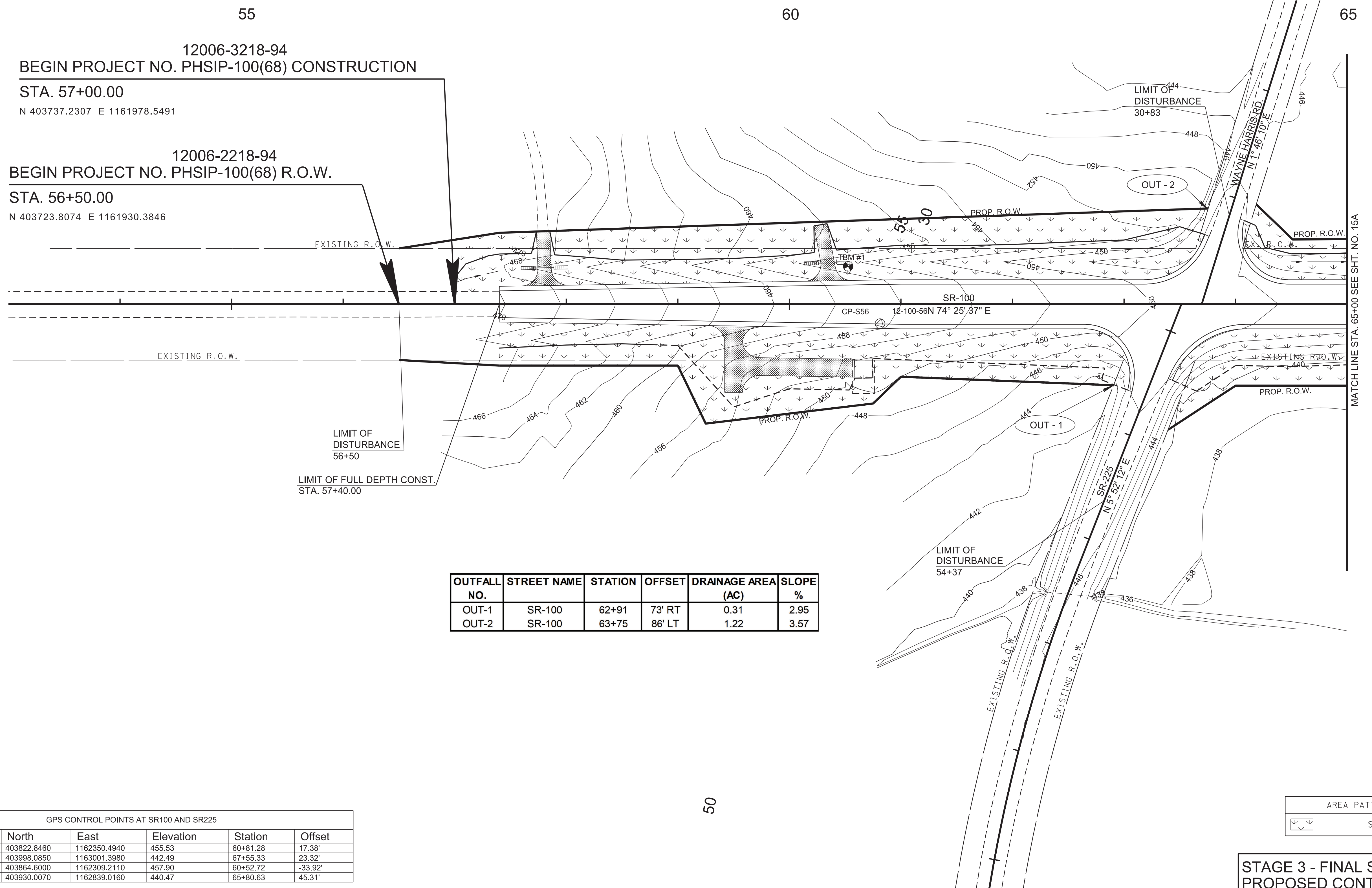
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ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED



| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 15        |
| P.I.H. | 2025 | PHSIP-100(68) | 15        |
| PS&E   | 2026 | PHSIP-100(68) | 15        |

REV. 01/23/25: REVISED THE PROPOSED ROW AND CUT LINE ALONG TRACT 6.  
 REV. 03/10/25: TURNED THE PROPERTY OWNER AND TRACT NUMBER LEVEL OFF.



| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-1       | SR-100      | 62+91   | 73' RT | 0.31               | 2.95    |
| OUT-2       | SR-100      | 63+75   | 86' LT | 1.22               | 3.57    |

GPS CONTROL POINTS AT SR100 AND SR225

| Point  | North       | East         | Elevation | Station  | Offset  |
|--------|-------------|--------------|-----------|----------|---------|
| S56    | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57    | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1 | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2 | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |

| AREA PATTERNS |
|---------------|
| 50D           |

STAGE 3 - FINAL STABILIZATION  
 PROPOSED CONTOURS

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

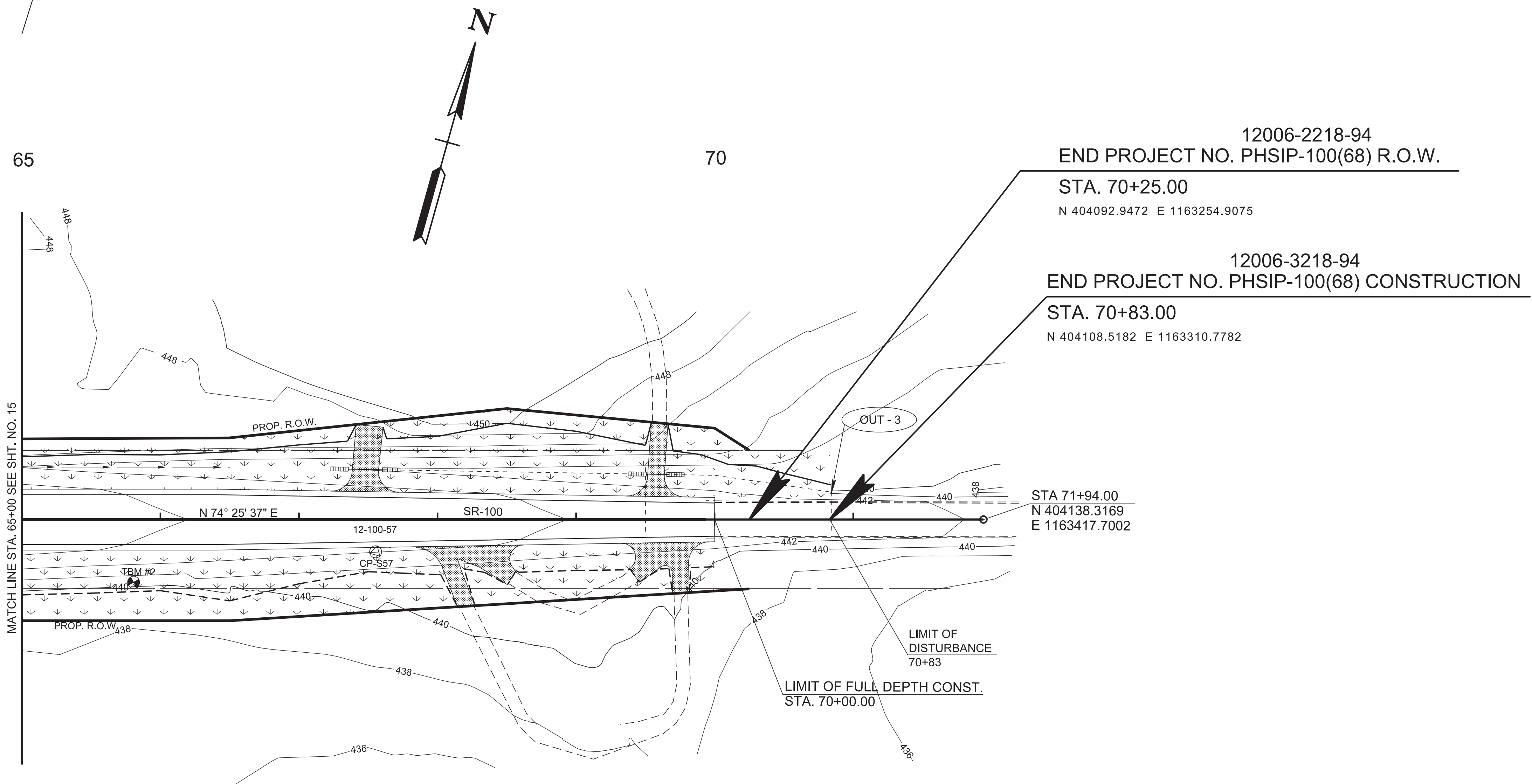
**EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS**  
 STA. 53+00 TO STA. 65+00  
 SCALE: 1"=50'

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 15A       |
| P.I.H. | 2025 | PHSIP-100(68) | 15A       |
| PS&E   | 2026 | PHSIP-100(68) | 15A       |

REV. 01/23/25: REVISED THE PROPOSED ROW ALONG TRACT 6 AND TRACT 8.  
REVISED THE CUT LINE ALONG TRACT 6.

ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED



MATCH LINE STA. 65+00 SEE SHT. NO. 15

12006-2218-94  
END PROJECT NO. PHSIP-100(68) R.O.W.  
STA. 70+25.00  
N 404092.9472 E 1163254.9075

12006-3218-94  
END PROJECT NO. PHSIP-100(68) CONSTRUCTION  
STA. 70+83.00  
N 404108.5182 E 1163310.7782

STA 71+94.00  
N 404138.3169  
E 1163417.7002

| OUTFALL NO. | STREET NAME | STATION | OFFSET | DRAINAGE AREA (AC) | SLOPE % |
|-------------|-------------|---------|--------|--------------------|---------|
| OUT-3       | SR-100      | 70+00   | 19' LT | 1.78               | 2.29    |

GPS CONTROL POINTS AT SR100 AND SR225

| Point  | North       | East         | Elevation | Station  | Offset  |
|--------|-------------|--------------|-----------|----------|---------|
| S56    | 403822.8460 | 1162350.4940 | 455.53    | 60+81.28 | 17.38'  |
| S57    | 403998.0850 | 1163001.3980 | 442.49    | 67+55.33 | 23.32'  |
| TBM #1 | 403864.6000 | 1162309.2110 | 457.90    | 60+52.72 | -33.92' |
| TBM #2 | 403930.0070 | 1162839.0160 | 440.47    | 65+80.63 | 45.31'  |



STAGE 3 - FINAL STABILIZATION  
PROPOSED CONTOURS

SEALED BY

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS  
STA.65+00 TO STA.71+94  
SCALE: 1"=50'

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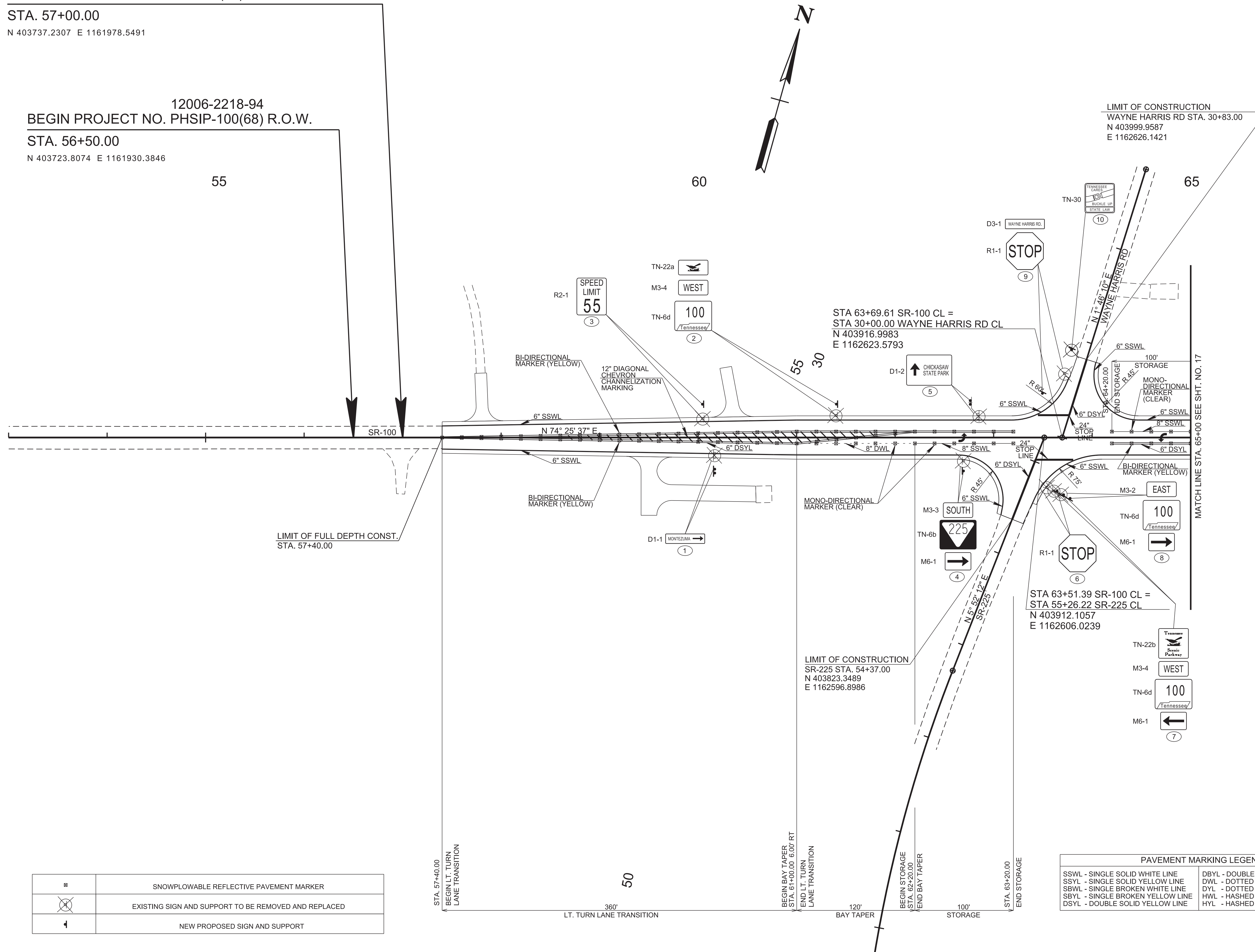
| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 16        |
| PS&E   | 2026 | PHSIP-100(68) | 16        |
|        |      |               |           |

12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00  
 N 403737.2307 E 1161978.5491

12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00  
 N 403723.8074 E 1161930.3846



LIMIT OF FULL DEPTH CONST.  
 STA. 57+40.00

LIMIT OF CONSTRUCTION  
 WAYNE HARRIS RD STA. 30+83.00  
 N 403999.9587  
 E 1162626.1421

LIMIT OF CONSTRUCTION  
 SR-225 STA. 54+37.00  
 N 403823.3489  
 E 1162596.8986

|   |  |
|---|--|
| ⊠ | SNOWPLOWABLE REFLECTIVE PAVEMENT MARKER              |
| ⊗ | EXISTING SIGN AND SUPPORT TO BE REMOVED AND REPLACED |
| ⊠ | NEW PROPOSED SIGN AND SUPPORT                        |

| PAVEMENT MARKING LEGEND          |                                  |
|----------------------------------|----------------------------------|
| SSWL - SINGLE SOLID WHITE LINE   | DBYL - DOUBLE BROKEN YELLOW LINE |
| SSYL - SINGLE SOLID YELLOW LINE  | DWL - DOTTED WHITE LINE          |
| SBWL - SINGLE BROKEN WHITE LINE  | DYL - DOTTED YELLOW LINE         |
| SBYL - SINGLE BROKEN YELLOW LINE | HWL - HASHED WHITE LINE          |
| DSYL - DOUBLE SOLID YELLOW LINE  | HYL - HASHED YELLOW LINE         |

SEALED BY

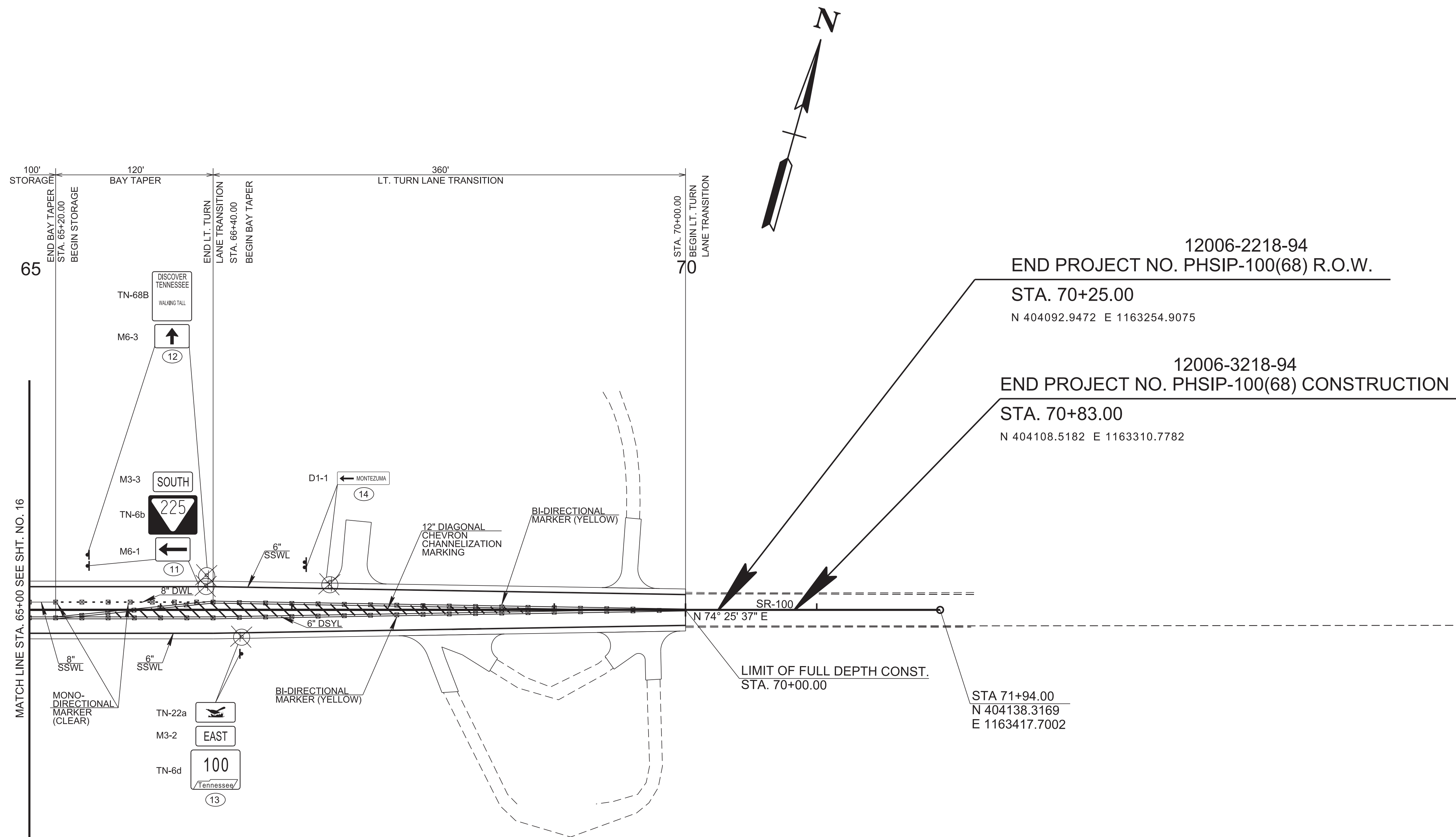
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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN  
 STA.53+00 TO STA.65+00  
 SCALE: 1"=50'

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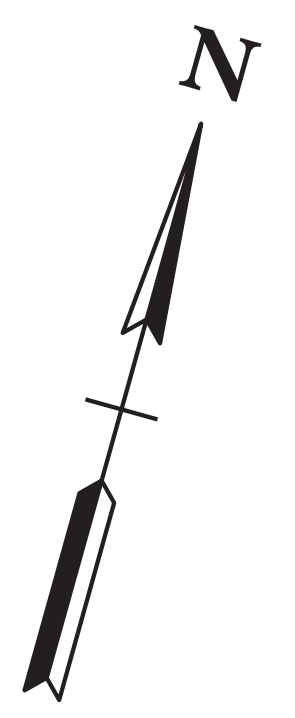
| TYPE  | YEAR | PROJECT NO.   | SHEET NO. |
|-------|------|---------------|-----------|
| P.I.H | 2025 | PHSIP-100(68) | 17        |
| PS&E  | 2026 | PHSIP-100(68) | 17        |
|       |      |               |           |



12006-2218-94  
 END PROJECT NO. PHSIP-100(68) R.O.W.  
 STA. 70+25.00  
 N 404092.9472 E 1163254.9075

12006-3218-94  
 END PROJECT NO. PHSIP-100(68) CONSTRUCTION  
 STA. 70+83.00  
 N 404108.5182 E 1163310.7782

SR-100  
 N 74° 25' 37" E  
 LIMIT OF FULL DEPTH CONST.  
 STA. 70+00.00  
 STA 71+94.00  
 N 404138.3169  
 E 1163417.7002



|   |  |
|---|--|
| ■ | SNOWPLOWABLE REFLECTIVE PAVEMENT MARKER              |
| ⊗ | EXISTING SIGN AND SUPPORT TO BE REMOVED AND REPLACED |
| ⬮ | NEW PROPOSED SIGN AND SUPPORT                        |

| PAVEMENT MARKING LEGEND          |                                  |
|----------------------------------|----------------------------------|
| SSWL - SINGLE SOLID WHITE LINE   | DBYL - DOUBLE BROKEN YELLOW LINE |
| SSYL - SINGLE SOLID YELLOW LINE  | DWL - DOTTED WHITE LINE          |
| SBWL - SINGLE BROKEN WHITE LINE  | DYL - DOTTED YELLOW LINE         |
| SBYL - SINGLE BROKEN YELLOW LINE | HWL - HASHED WHITE LINE          |
| DSYL - DOUBLE SOLID YELLOW LINE  | HYL - HASHED YELLOW LINE         |

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**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**SIGNING AND  
 PAVEMENT  
 MARKING  
 PLAN**

STA.65+00 TO STA.71+94  
 SCALE: 1"=50'

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ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

THE FOLLOWING STANDARD DRAWINGS APPLY UNLESS OTHERWISE NOTED IN THE REMARKS: FLAT SHEET (T-S SERIES 10, 12, 16, 17, 19, 20); EXTRUDED PANEL (T-S SERIES 6, 9, 13, 14); WALL/BARRIER MOUNTED (T-S-21); MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23B, 23C);

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| P.I.H. | 2025 | PHSIP-100(68) | 18        |
| PS&E   | 2026 | PHSIP-100(68) | 18        |

| SIGN NO | LEGEND                              | SHEET NO | SIZE   |        |        | COPY         |         |            |         |        | SHIELD | ARROW        | SIGN FACE |                  |              | STEEL DESIGN (BREAK-AWAY) |                            |                              |               |                 | MINIMUM VERTICAL CLEARANCE | REMARKS |    |    |    |                  |   |
|---------|-------------------------------------|----------|--------|--------|--------|--------------|---------|------------|---------|--------|--------|--------------|-----------|------------------|--------------|---------------------------|----------------------------|------------------------------|---------------|-----------------|----------------------------|---------|----|----|----|------------------|---|
|         |                                     |          | LENGTH | HEIGHT | RADIUS | BORDER WIDTH | CAPITAL | LOWER CASE | NUMERAL | SERIES |        |              | COPY      | BACKGROUND       | MATERIAL     | SUPPORT TYPE              | SUPPORT LENGTH             | FOOTING                      | CONC. CU. YD. | REIN STEEL LBS. |                            |         |    |    |    |                  |   |
| 1       | MONTEZUMA →                         | D1-1     | 15     | 60"    | 18"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | GREEN (REF.) | 0.080" SHEET ALUM.        | POST 1 = P2<br>POST 2 = P2 | H 1 = 12.00'<br>H 2 = 12.50' |               |                 |                            |         | 5' |    |    |                  |   |
| 2       | TN-22a                              |          | 15     | 24"    | 12"    |              |         |            |         |        |        |              |           | GREEN (REF.)     | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    | 5' |    |                  |   |
|         | WEST                                | M3-4P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P6                         | 15.00'                       |               |                 |                            |         |    | 5' |    |                  |   |
|         | 100                                 | TN-6d    |        | 30"    | 24"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    | 5' |                  |   |
| 3       | SPEED LIMIT 55                      | R2-1     | 15     | 24"    | 30"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P2                         | 13.00'                       |               |                 |                            |         |    |    | 5' |                  |   |
| 4       | SOUTH                               | M3-3P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    | 5' |                  |   |
|         | 225                                 | TN-6b    | 15     | 30"    | 24"    |              |         |            |         |        |        | WHITE (REF.) |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P6                         | 15.00'                       |               |                 |                            |         |    |    | 5' | NOTE B           |   |
|         | →                                   | M6-1P    |        | 21"    | 15"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    |                  |   |
| 5       | ↑ CHICKASAW STATE PARK              | D1-2     | 15     | 66"    | 24"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | BROWN (REF.) | 0.080" SHEET ALUM.        | POST 1 = P3<br>POST 2 = P3 | H 1 = 13.00'<br>H 2 = 12.50' |               |                 |                            |         |    |    | 5' |                  |   |
| 6       | STOP                                | R1-1     | 15     | 30"    | 30"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | RED (REF.)   | 0.080" SHEET ALUM.        | P2                         | 11.50'                       |               |                 |                            |         |    |    | 5' | NOTE A<br>NOTE B |   |
| 7       | Tennessee State Parkway             | TN-22b   |        | 24"    | 24"    |              |         |            |         |        |        |              |           | GREEN (REF.)     | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | WEST                                | M3-4P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | 100                                 | TN-6d    | 15     | 30"    | 24"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | ←                                   | M6-1P    |        | 21"    | 15"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
| 8       | EAST                                | M3-2P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | 100                                 | TN-6d    | 15     | 30"    | 24"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P6                         | 16.00'                       |               |                 |                            |         |    |    |    | 5'               | NOTE B  |
|         | →                                   | M6-1P    |        | 21"    | 15"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
| 9       | WAYNE HARRIS RD.                    | D3-1     |        | 36"    | 12"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | GREEN (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | STOP                                | R1-1     | 15     | 30"    | 30"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | RED (REF.)   | 0.080" SHEET ALUM.        | P5                         | 14.50'                       |               |                 |                            |         |    |    |    | 5'               | NOTE A<br>NOTE B  |
| 10      | TENNESSEE CARES BUCKLE UP STATE LAW | TN-30    | 15     | 24"    | 24"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | BLUE (REF.)  | 0.080" SHEET ALUM.        | P2                         | 12.00'                       |               |                 |                            |         |    |    |    | 5'               | SIGN FACE BUCKLE RED (REF.) AND SIGN FACE BUCKLE BLACK (NON-REF.) |
| 11      | SOUTH                               | M3-3P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | 225                                 | TN-6b    | 16     | 30"    | 24"    |              |         |            |         |        |        | WHITE (REF.) |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P6                         | 15.00'                       |               |                 |                            |         |    |    |    | 5'               |   |
|         | ←                                   | M6-1P    |        | 21"    | 15"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
| 12      | DISCOVER TENNESSEE WALKING TALL     | TN-68B   | 16     | 24"    | 36"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | BROWN (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | ↑                                   | M6-3P    |        | 21"    | 15"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P3/P8                      | 14.00'                       |               |                 |                            |         |    |    |    | 5'               |   |
| 13      | TN-22a                              |          | 16     | 24"    | 12"    |              |         |            |         |        |        |              |           | GREEN (REF.)     | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | EAST                                | M3-2P    |        | 24"    | 12"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        |                            |                              |               |                 |                            |         |    |    |    | 5'               |   |
|         | 100                                 | TN-6d    |        | 30"    | 24"    |              |         |            |         |        |        |              |           | BLACK (NON-REF.) | WHITE (REF.) | 0.080" SHEET ALUM.        | P6                         | 15.00'                       |               |                 |                            |         |    |    |    | 5'               |   |
| 14      | ← MONTEZUMA                         | D1-1     | 16     | 60"    | 18"    |              |         |            |         |        |        |              |           | WHITE (REF.)     | GREEN (REF.) | 0.080" SHEET ALUM.        | POST 1 = P2<br>POST 2 = P2 | H 1 = 12.00'<br>H 2 = 12.50' |               |                 |                            |         |    |    | 5' |                  |   |

NOTE A:  
INSTALL 2" MINIMUM REFLECTIVE RED STRIP, 60" LONG ON EACH SUPPORT, ITEM NO. 713-02.21.  
NOTE B:  
REQUIRES ITEM NO. 713-11.21, P POST SLIP BASE.

SEALED BY

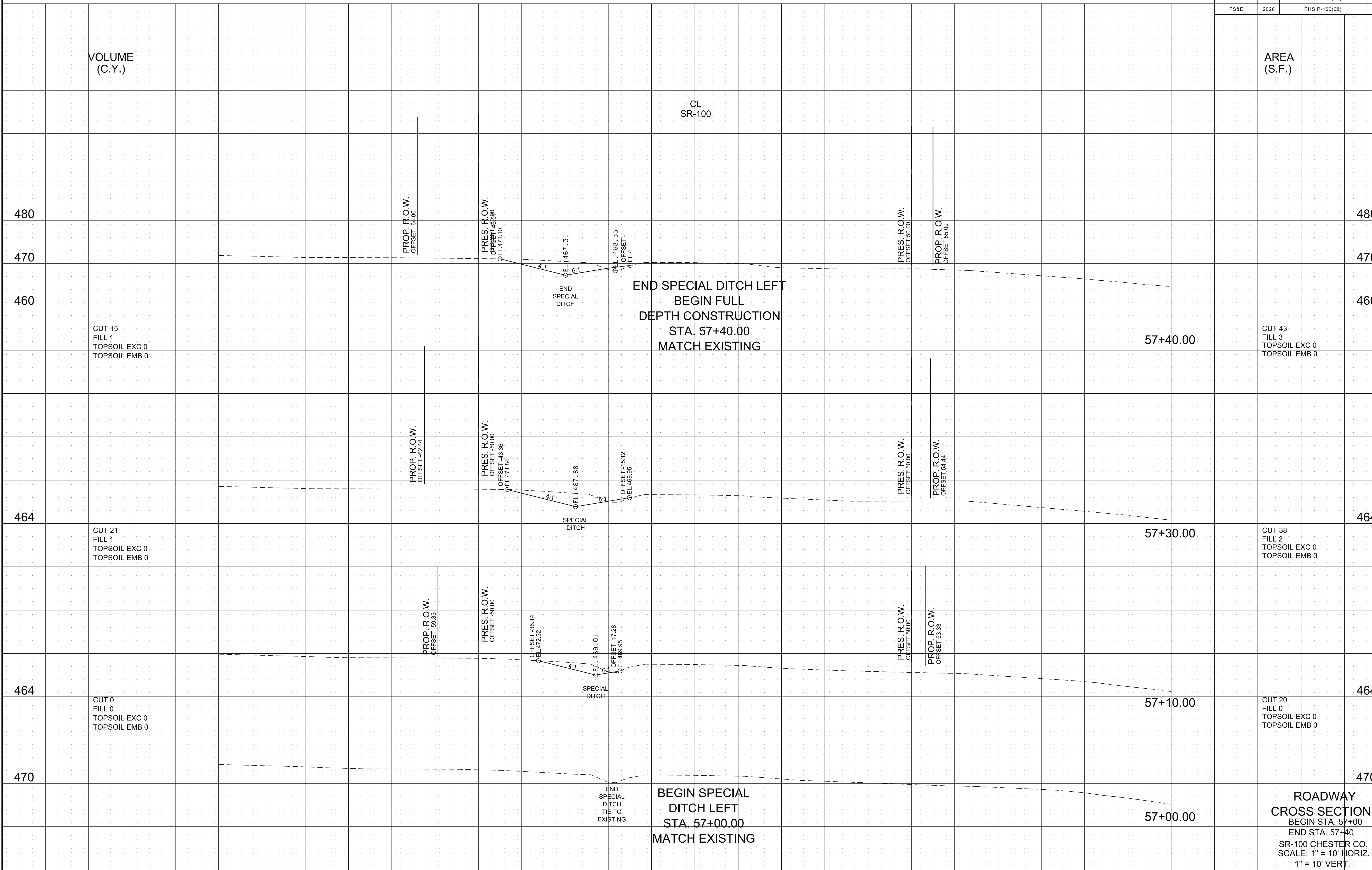


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SIGN  
SCHEDULE

30-MAR-2026 10:00 \\DOT04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\G\N\B\Chester\SR 100\Project\018.dgn

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 16        |
| P.I.H. | 2025 | PHSIP-100(68) | 19        |
| PS&E   | 2026 | PHSIP-100(68) | 19        |



VOLUME  
(C.Y.)

AREA  
(S.F.)

CL  
SR-100

480

480

470

470

460

460

END SPECIAL DITCH LEFT  
BEGIN FULL  
DEPTH CONSTRUCTION  
STA. 57+40.00  
MATCH EXISTING

57+40.00

CUT 15  
FILL 1  
TOPSOIL EXC 0  
TOPSOIL EMB 0

CUT 43  
FILL 3  
TOPSOIL EXC 0  
TOPSOIL EMB 0

464

464

57+30.00

CUT 21  
FILL 1  
TOPSOIL EXC 0  
TOPSOIL EMB 0

CUT 38  
FILL 2  
TOPSOIL EXC 0  
TOPSOIL EMB 0

464

464

57+10.00

CUT 0  
FILL 0  
TOPSOIL EXC 0  
TOPSOIL EMB 0

CUT 20  
FILL 0  
TOPSOIL EXC 0  
TOPSOIL EMB 0

470

470

57+00.00

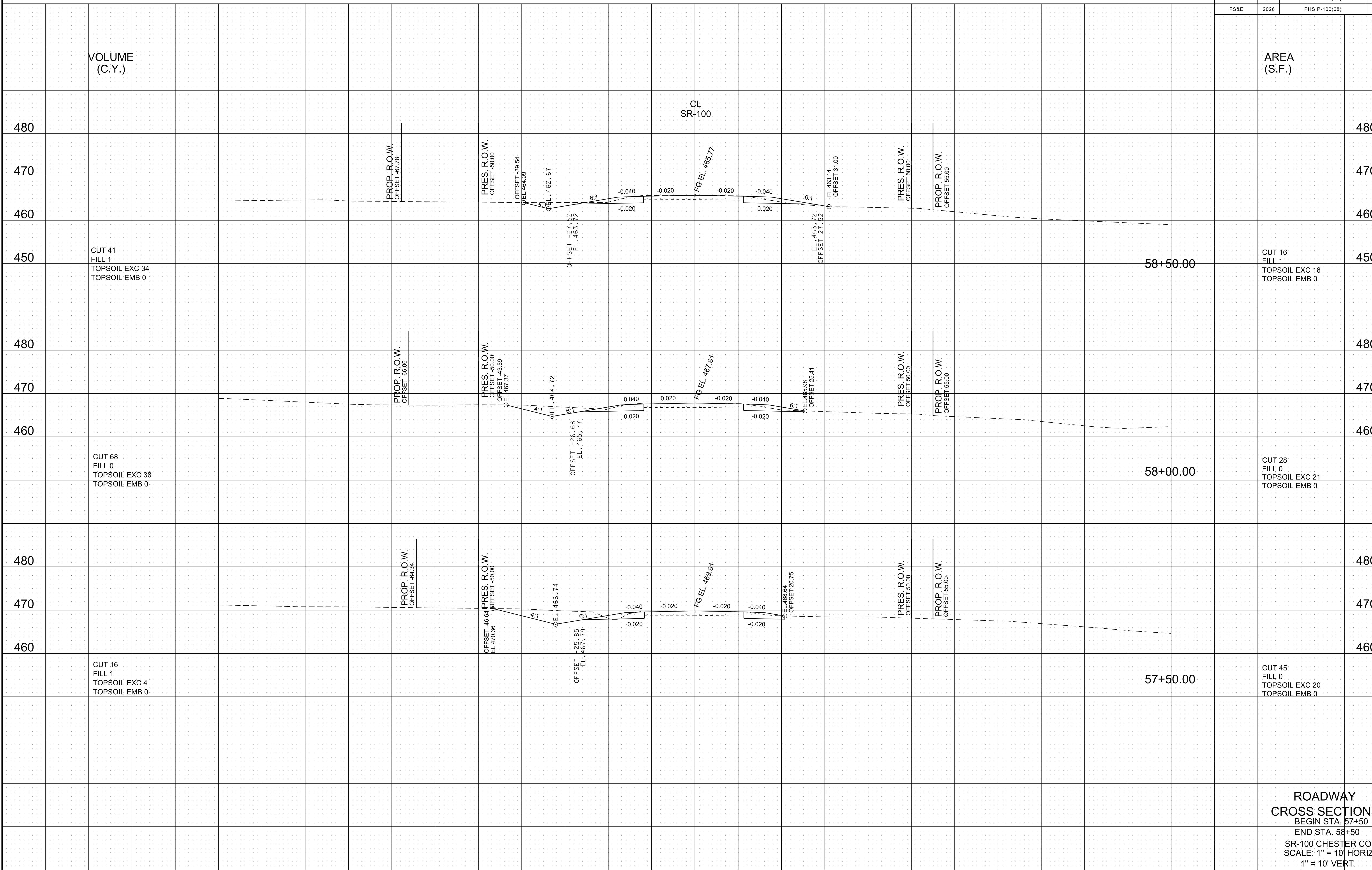
BEGIN SPECIAL  
DITCH LEFT  
STA. 57+00.00  
MATCH EXISTING

ROADWAY  
CROSS SECTIONS  
BEGIN STA. 57+00  
END STA. 57+40  
SR-100 CHESTER CO.  
SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

30-MAR-2026 13:29 \\DOT04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\B\Chester\SR 100\Project\SR100MainlineXSSheets.dgn

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

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 17        |
| P.I.H. | 2025 | PHSIP-100(68) | 20        |
| PS&E   | 2026 | PHSIP-100(68) | 20        |



VOLUME  
(C.Y.)

AREA  
(S.F.)

480

480

470

470

460

460

450

450

CUT 41  
FILL 1  
TOPSOIL EXC 34  
TOPSOIL EMB 0

58+50.00

CUT 16  
FILL 1  
TOPSOIL EXC 16  
TOPSOIL EMB 0

480

480

470

470

460

460

CUT 68  
FILL 0  
TOPSOIL EXC 38  
TOPSOIL EMB 0

58+00.00

CUT 28  
FILL 0  
TOPSOIL EXC 21  
TOPSOIL EMB 0

480

480

470

470

460

460

CUT 16  
FILL 1  
TOPSOIL EXC 4  
TOPSOIL EMB 0

57+50.00

CUT 45  
FILL 0  
TOPSOIL EXC 20  
TOPSOIL EMB 0

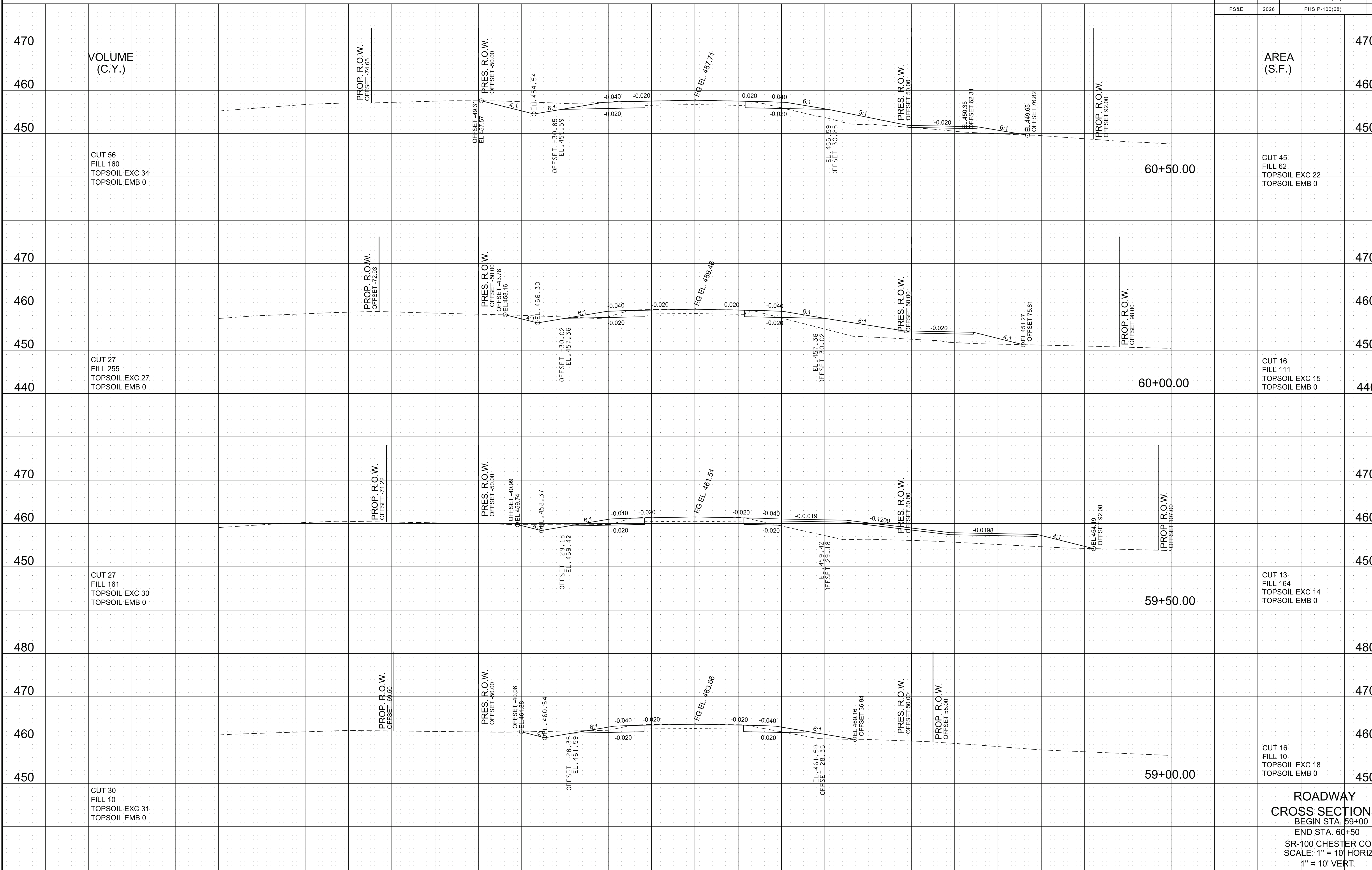
**ROADWAY  
CROSS SECTIONS**  
BEGIN STA. 57+50  
END STA. 58+50  
SR-100 CHESTER CO.  
SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

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

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 18        |
| P.I.H. | 2025 | PHSIP-100(68) | 21        |
| PS&E   | 2026 | PHSIP-100(68) | 21        |

CL  
SR-100

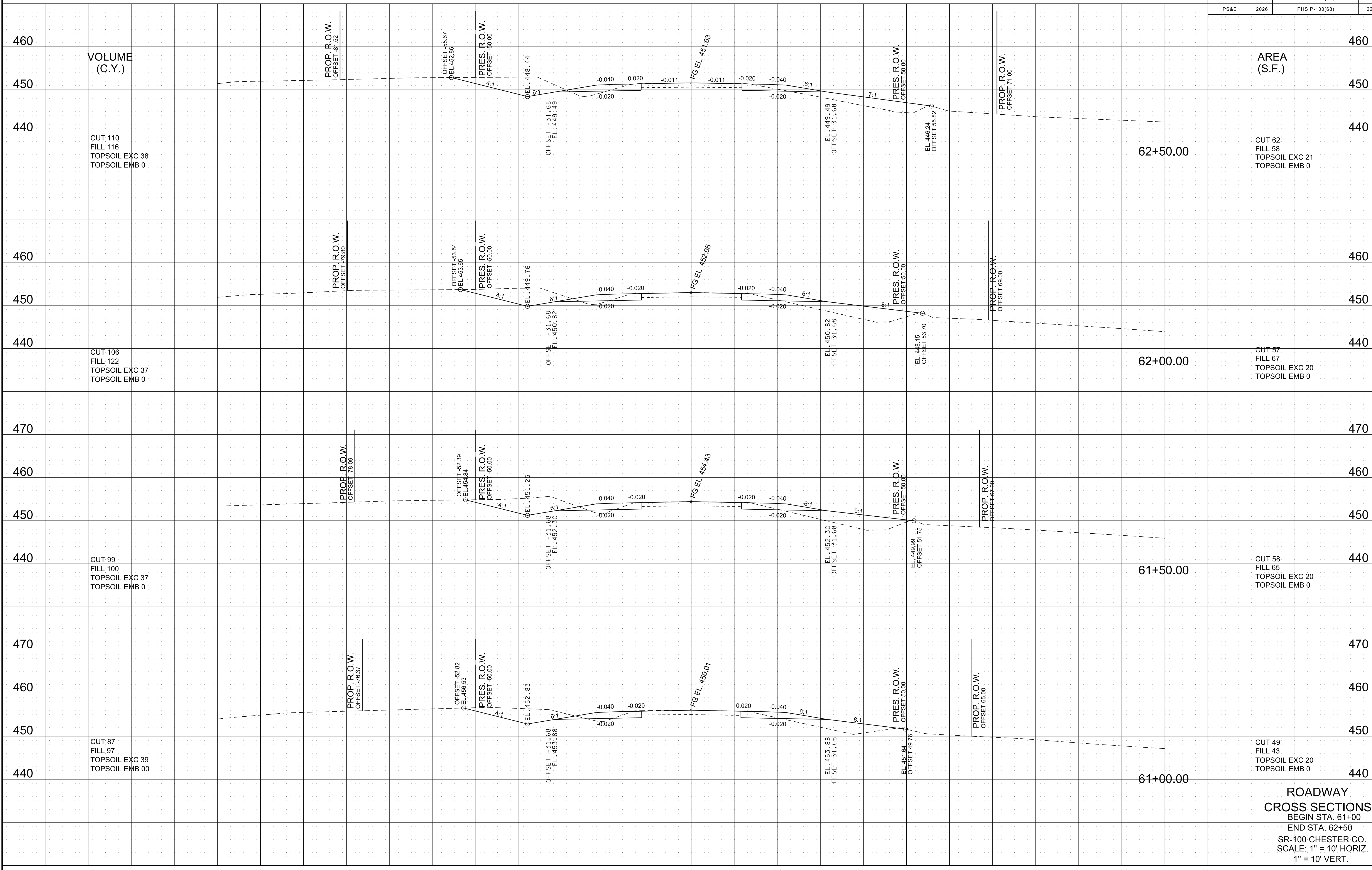


**ROADWAY  
CROSS SECTIONS**  
 BEGIN STA. 59+00  
 END STA. 60+50  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

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CL  
SR-100

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 19        |
| P.I.H. | 2025 | PHSIP-100(68) | 22        |
| PS&E   | 2026 | PHSIP-100(68) | 22        |



VOLUME  
(C.Y.)

AREA  
(S.F.)

CUT 110  
FILL 116  
TOPSOIL EXC 38  
TOPSOIL EMB 0

CUT 62  
FILL 58  
TOPSOIL EXC 21  
TOPSOIL EMB 0

CUT 106  
FILL 122  
TOPSOIL EXC 37  
TOPSOIL EMB 0

CUT 57  
FILL 67  
TOPSOIL EXC 20  
TOPSOIL EMB 0

CUT 99  
FILL 100  
TOPSOIL EXC 37  
TOPSOIL EMB 0

CUT 58  
FILL 65  
TOPSOIL EXC 20  
TOPSOIL EMB 0

CUT 87  
FILL 97  
TOPSOIL EXC 39  
TOPSOIL EMB 00

CUT 49  
FILL 43  
TOPSOIL EXC 20  
TOPSOIL EMB 0

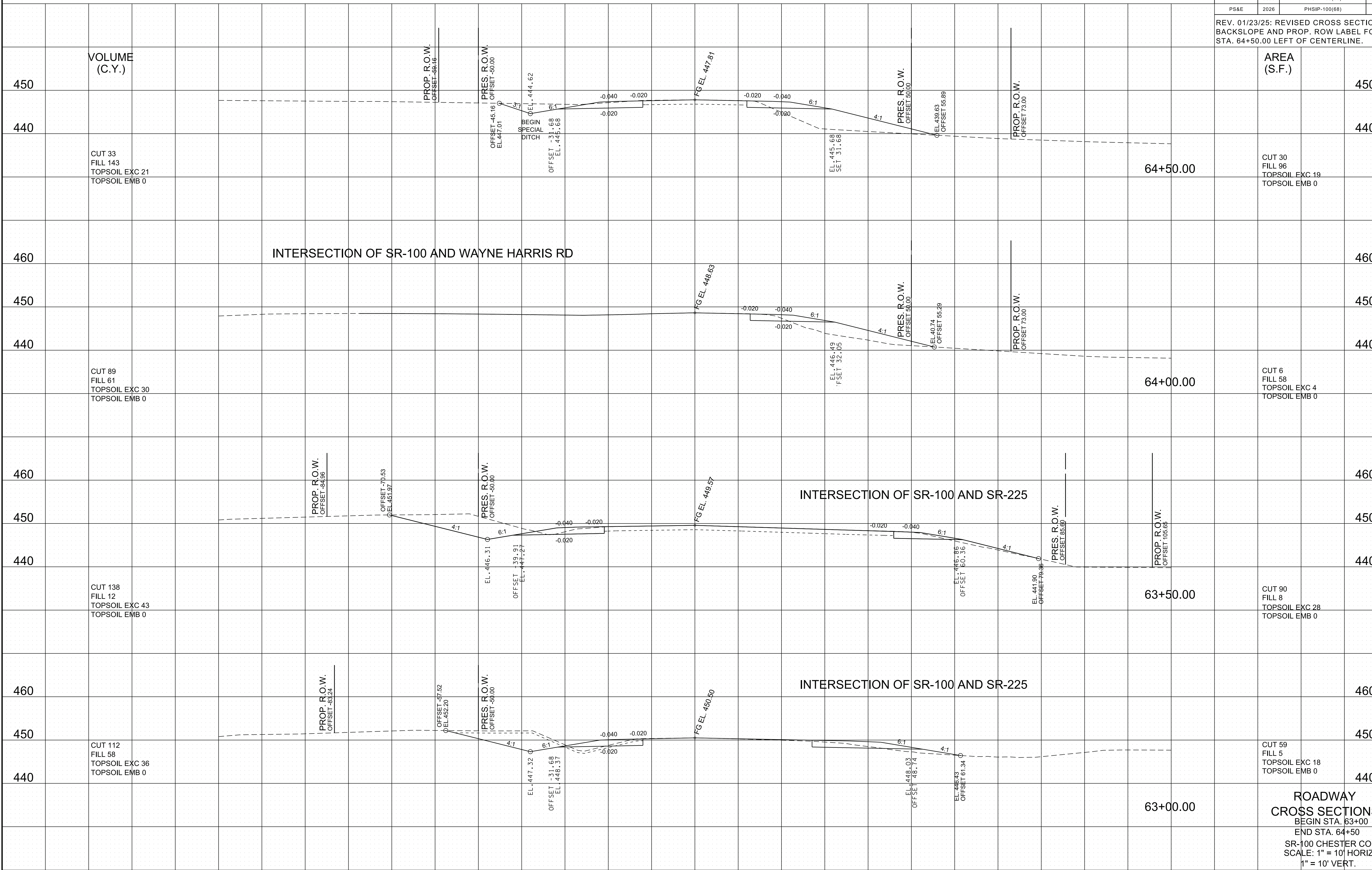
**ROADWAY  
CROSS SECTIONS**  
BEGIN STA. 61+00  
END STA. 62+50  
SR-100 CHESTER CO.  
SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 20        |
| P.I.H. | 2025 | PHSIP-100(68) | 23        |
| PS&E   | 2026 | PHSIP-100(68) | 23        |

REV. 01/23/25: REVISED CROSS SECTION BACKSLOPE AND PROP. ROW LABEL FOR STA. 64+50.00 LEFT OF CENTERLINE.

CL  
SR-100



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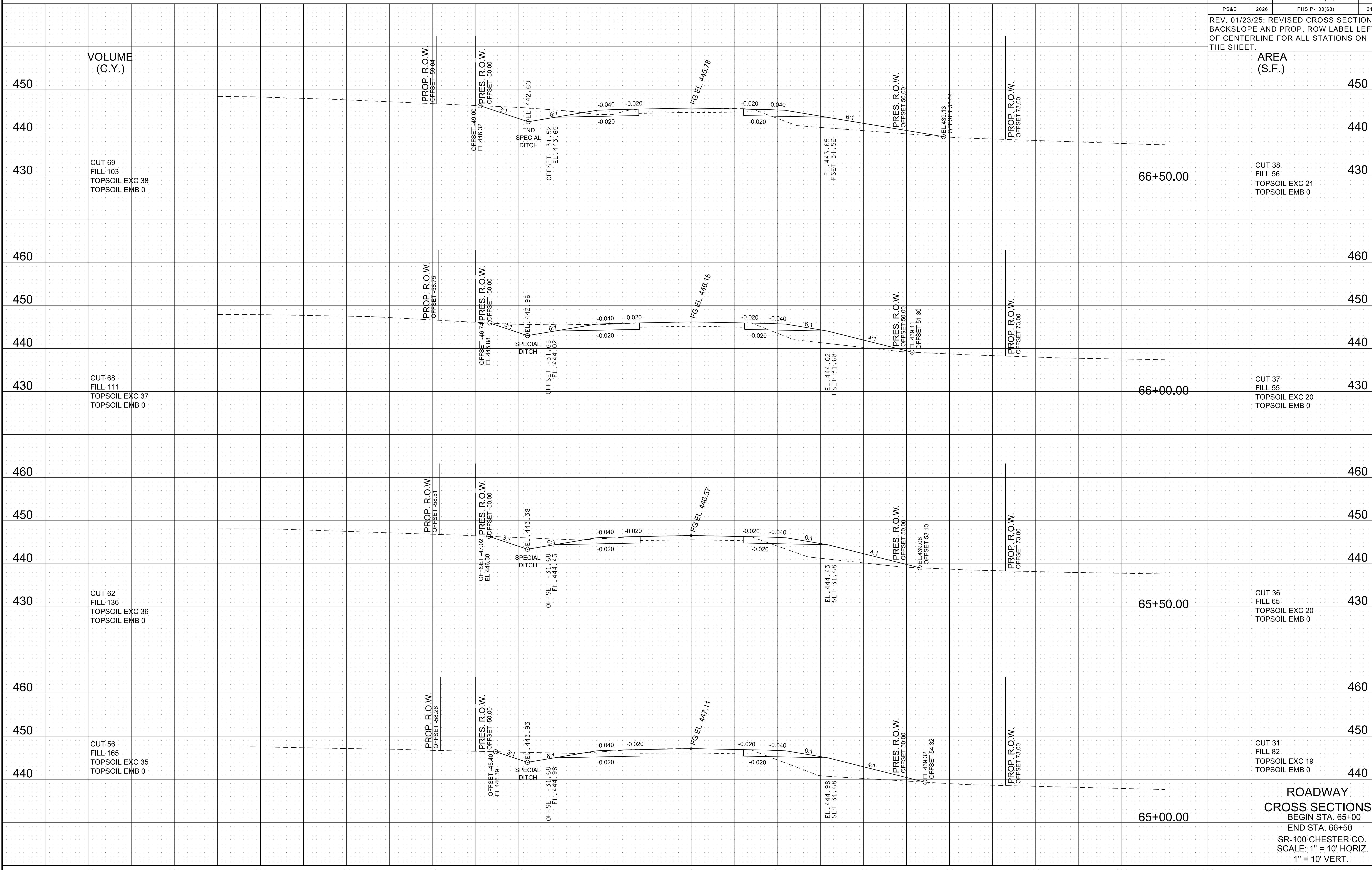
**ROADWAY CROSS SECTIONS**  
 BEGIN STA. 63+00  
 END STA. 64+50  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

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CL  
SR-100

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 21        |
| P.I.H. | 2025 | PHSIP-100(68) | 24        |
| PS&E   | 2026 | PHSIP-100(68) | 24        |

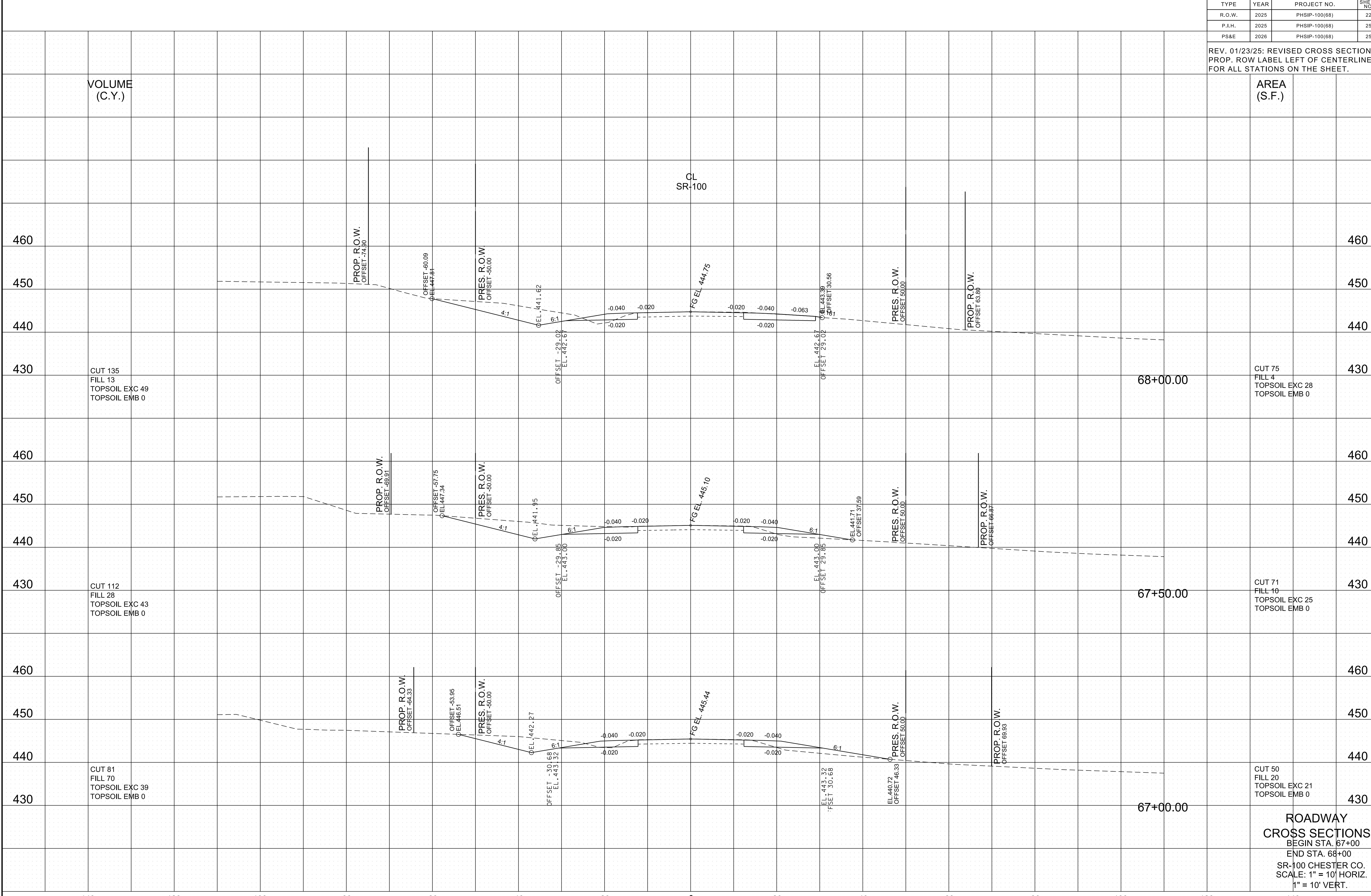
REV. 01/23/25: REVISED CROSS SECTION BACKSLOPE AND PROP. ROW LABEL LEFT OF CENTERLINE FOR ALL STATIONS ON THE SHEET.



**ROADWAY CROSS SECTIONS**  
 BEGIN STA. 65+00  
 END STA. 66+50  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 22        |
| P.I.H. | 2025 | PHSIP-100(68) | 25        |
| PS&E   | 2026 | PHSIP-100(68) | 25        |

REV. 01/23/25: REVISED CROSS SECTION  
 PROP. ROW LABEL LEFT OF CENTERLINE  
 FOR ALL STATIONS ON THE SHEET.



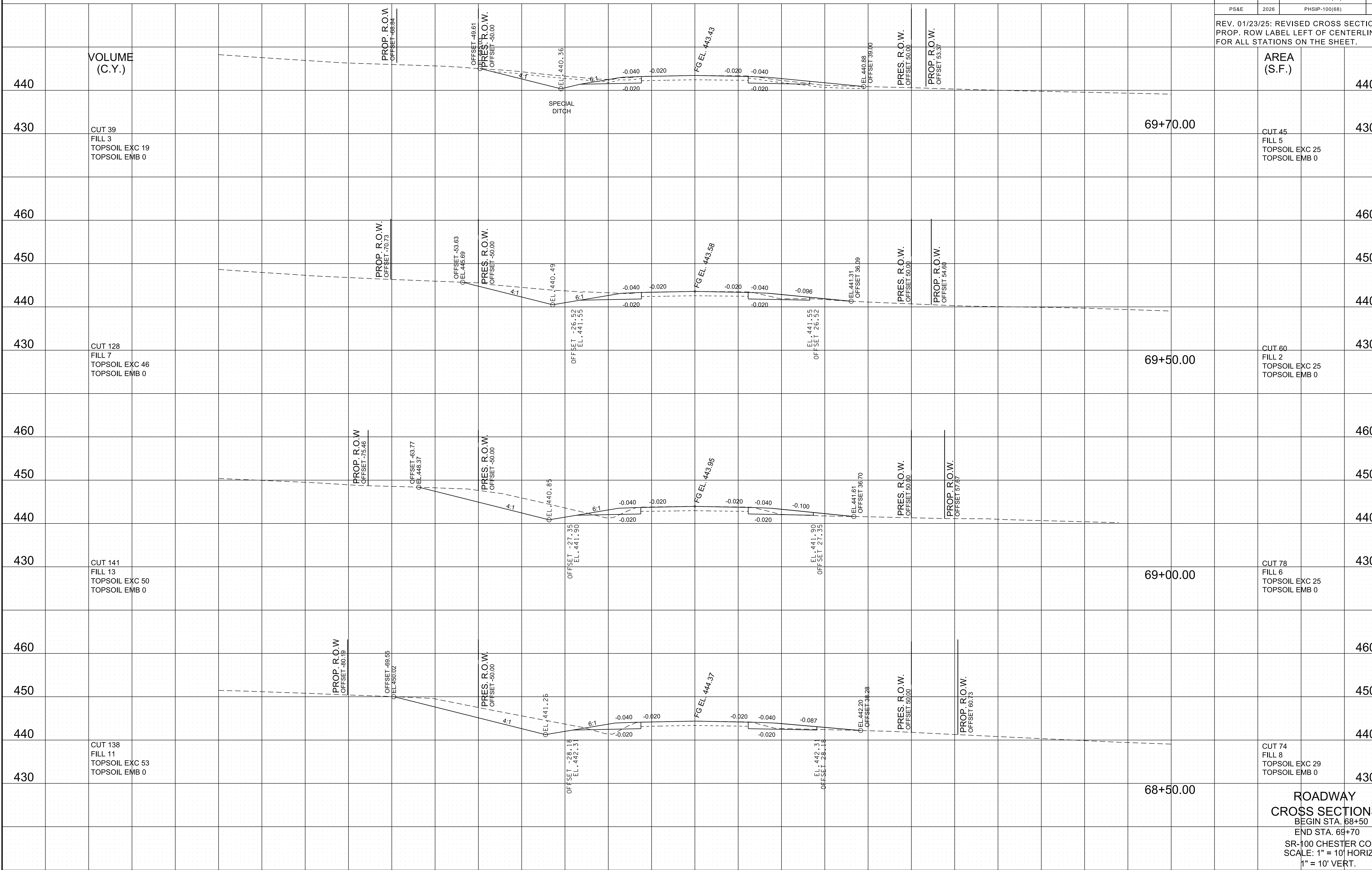
**ROADWAY  
 CROSS SECTIONS**  
 BEGIN STA. 67+00  
 END STA. 68+00  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

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CL  
SR-100

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2025 | PHSIP-100(68) | 23        |
| P.I.H. | 2025 | PHSIP-100(68) | 26        |
| PS&E   | 2026 | PHSIP-100(68) | 26        |

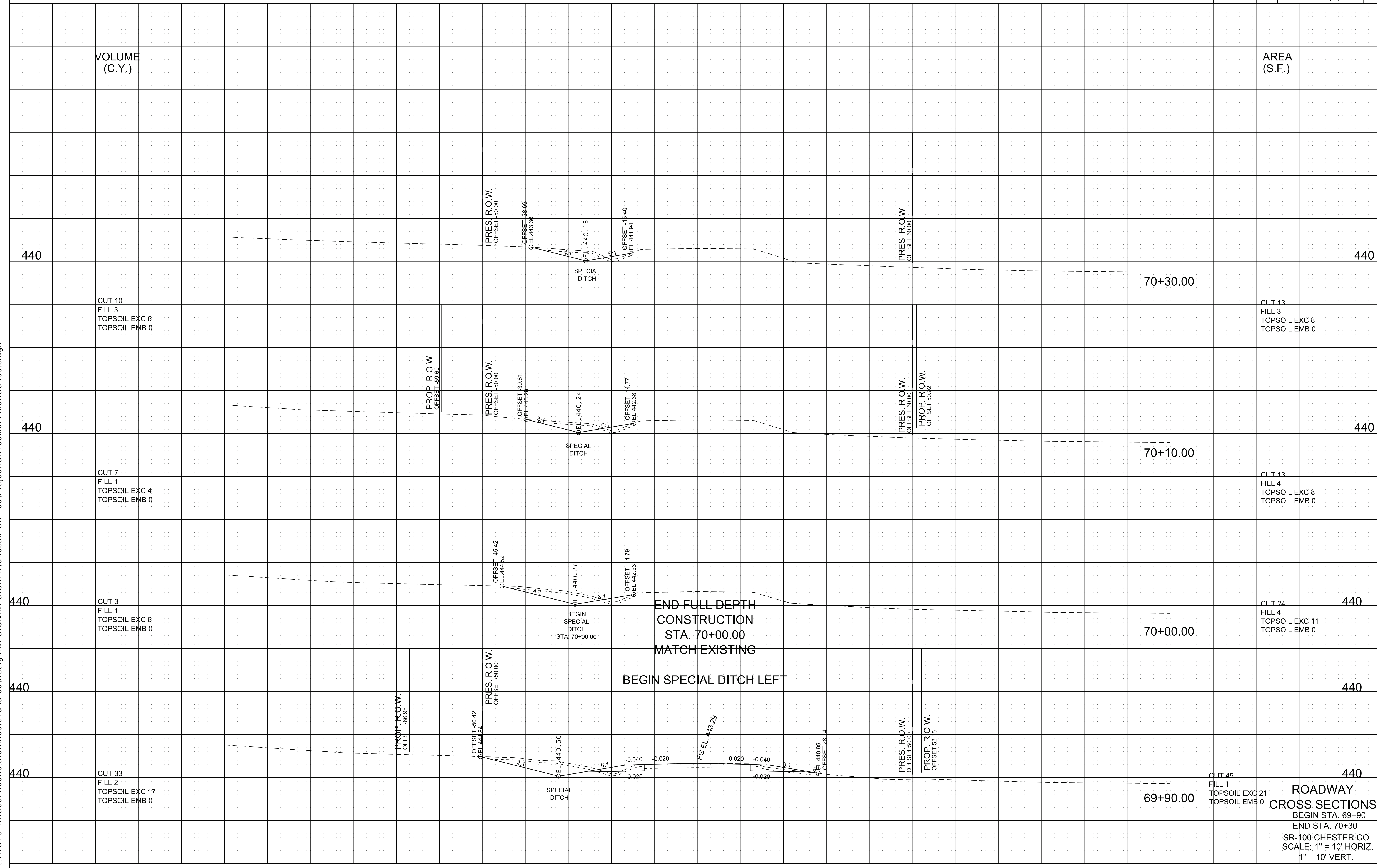
REV. 01/23/25: REVISED CROSS SECTION  
PROP. ROW LABEL LEFT OF CENTERLINE  
FOR ALL STATIONS ON THE SHEET.



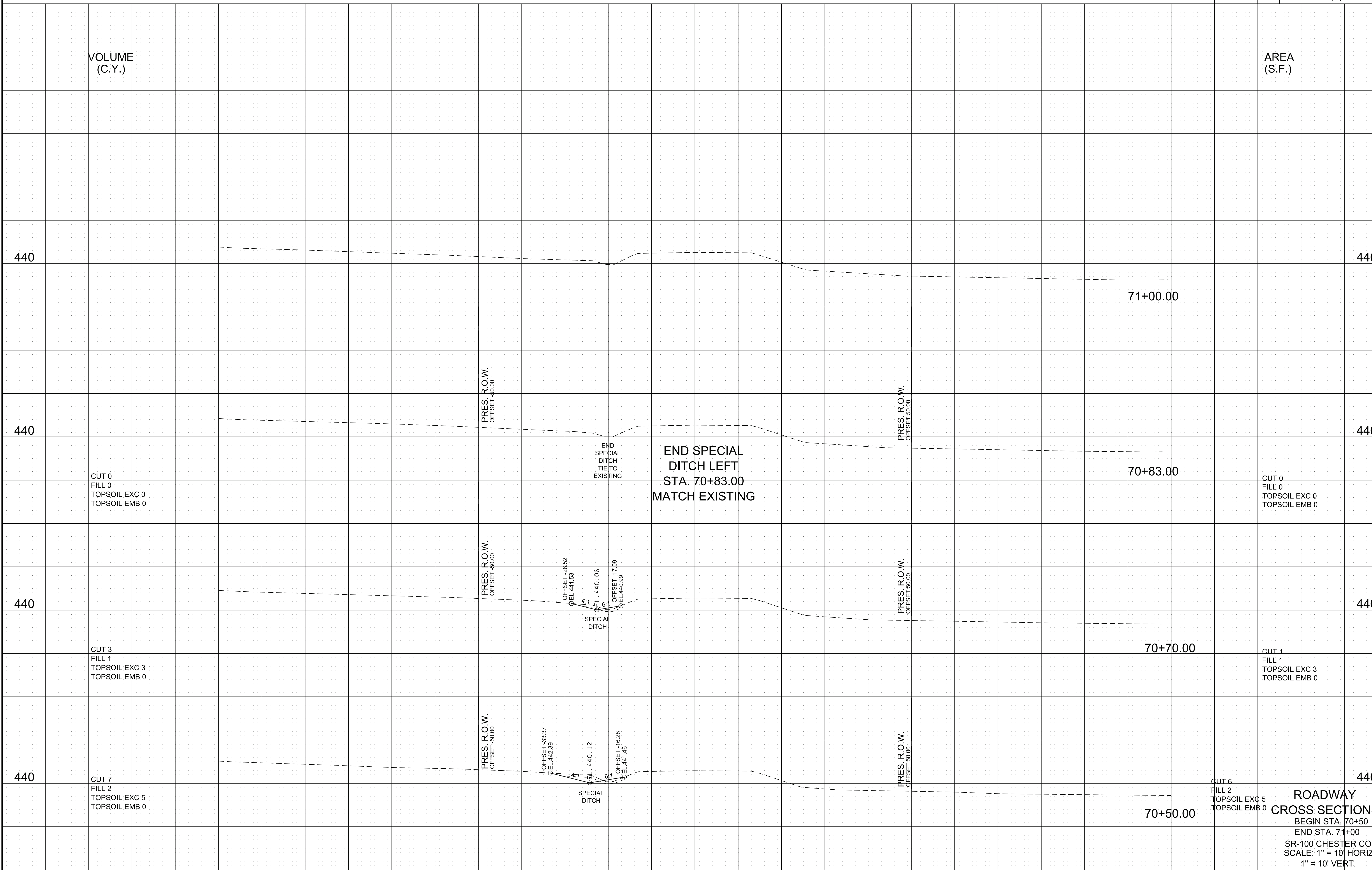
**ROADWAY  
CROSS SECTIONS**  
BEGIN STA. 68+50  
END STA. 69+70  
SR-100 CHESTER CO.  
SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

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**ROADWAY CROSS SECTIONS**  
 BEGIN STA. 69+90  
 END STA. 70+30  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

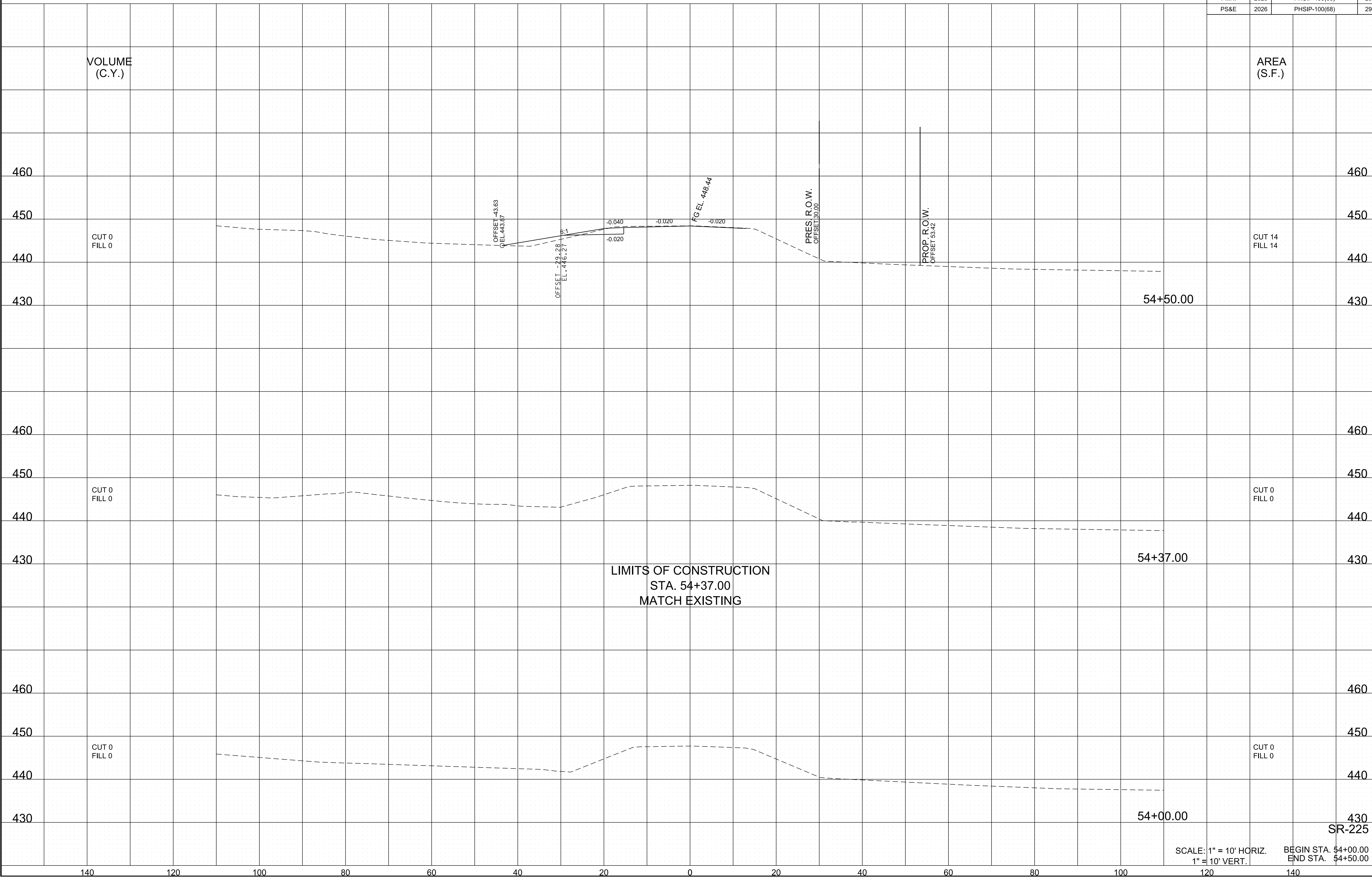


**ROADWAY CROSS SECTIONS**  
 BEGIN STA. 70+50  
 END STA. 71+00  
 SR-100 CHESTER CO.  
 SCALE: 1" = 10' HORIZ.  
 1" = 10' VERT.

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 24        |
| P.I.H. | 2025 | PHSIP-100(68) | 29        |
| PS&E   | 2026 | PHSIP-100(68) | 29        |

SR-225



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SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

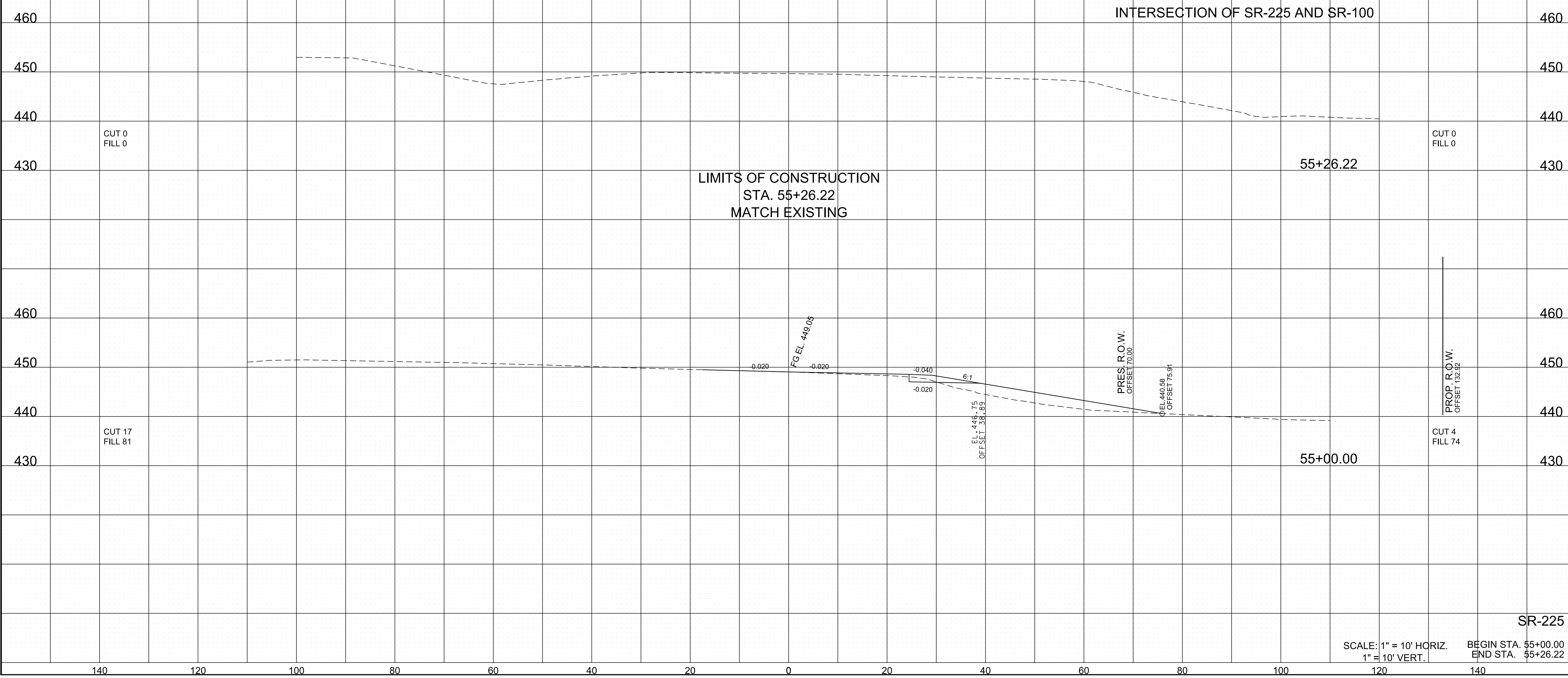
BEGIN STA. 54+00.00  
END STA. 54+50.00

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 25        |
| P.I.H. | 2025 | PHSIP-100(68) | 30        |
| PS&E   | 2026 | PHSIP-100(68) | 30        |

C  
SR-225

VOLUME  
(C.Y.)

AREA  
(S.F.)



30-MAR-2026 13:29 \\DOT04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\LB\Chester\SR 100\Project\SR225\SSheets.dgn

SCALE: 1" = 10' HORIZ. 1" = 10' VERT. BEGIN STA. 55+00.00 END STA. 55+26.22

SR-225

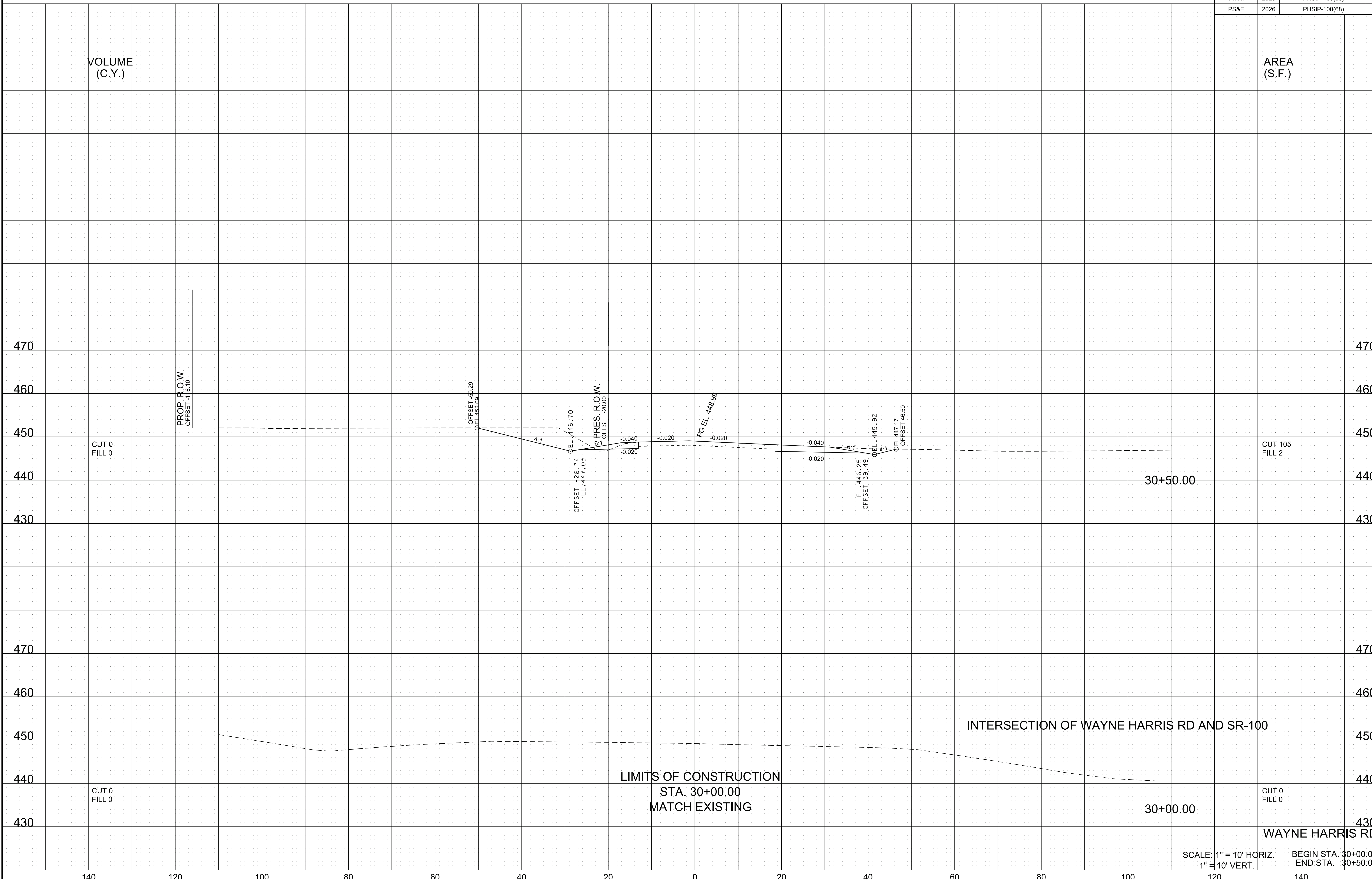
WAYNE HARRIS RD

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 26        |
| P.I.H. | 2025 | PHSIP-100(68) | 31        |
| PS&E   | 2026 | PHSIP-100(68) | 31        |

VOLUME  
(C.Y.)

AREA  
(S.F.)

30-MAR-2026 13:29 \\DOT04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\B\Chester\SR 100\Project\WHRDXSSheets.dgn



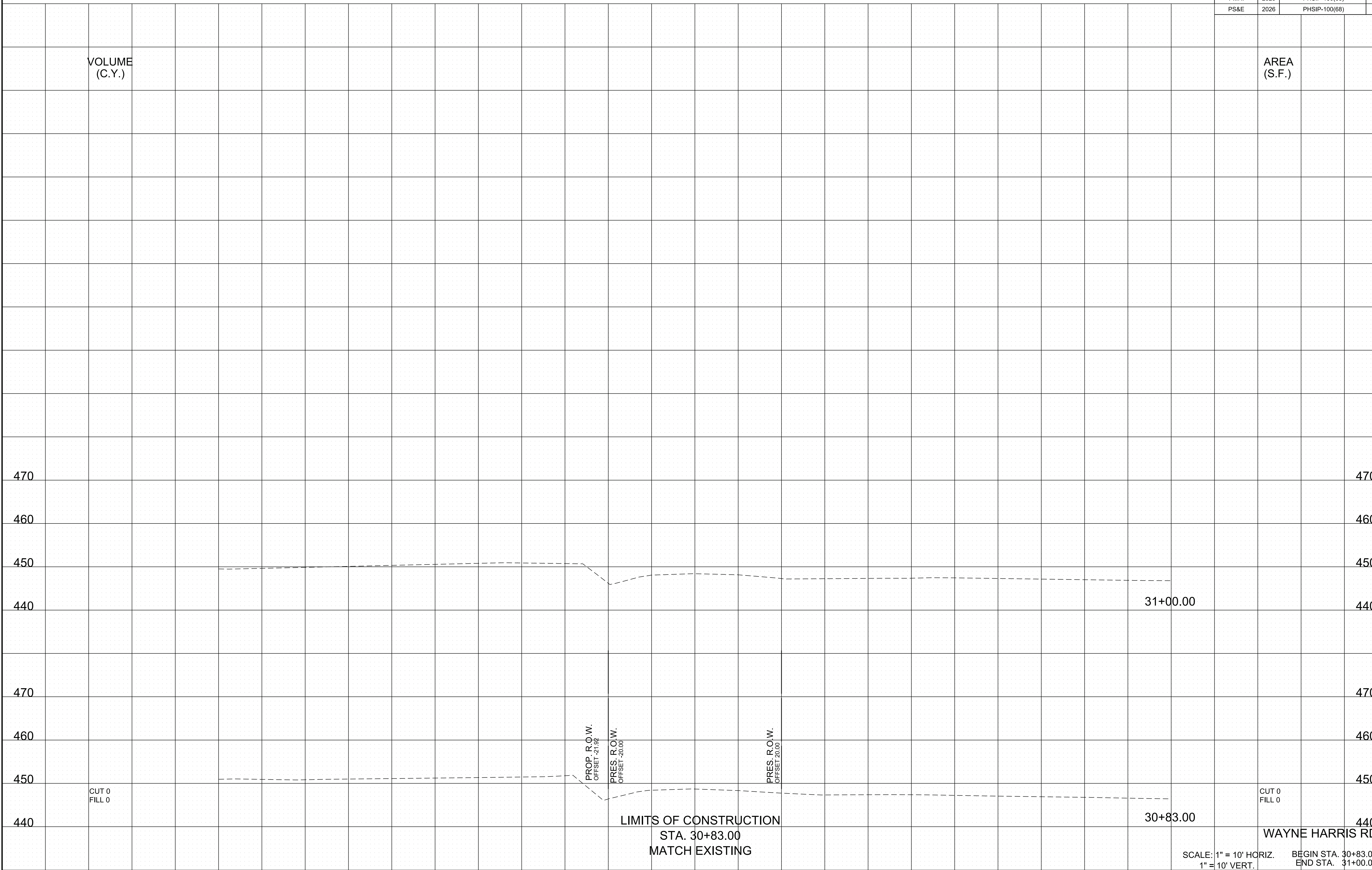
SCALE: 1" = 10' HORIZ.  
1" = 10' VERT. BEGIN STA. 30+00.00  
END STA. 30+50.00

WAYNE HARRIS RD

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | 27        |
| P.I.H. | 2025 | PHSIP-100(68) | 32        |
| PS&E   | 2026 | PHSIP-100(68) | 32        |

VOLUME  
(C.Y.)

AREA  
(S.F.)



PROP. R.O.W.  
OFFSET -21.92

PRES. R.O.W.  
OFFSET -20.00

PRES. R.O.W.  
OFFSET 20.00

LIMITS OF CONSTRUCTION  
STA. 30+83.00  
MATCH EXISTING

31+00.00

30+83.00

SCALE: 1" = 10' HORIZ.  
1" = 10' VERT.

BEGIN STA. 30+83.00  
END STA. 31+00.00

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

# PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T1        |
| P.I.H. | 2025 | PHSIP-100(68) | T1        |
| PS&E   | 2026 | PHSIP-100(68) | T1        |

## A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
  - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
  - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
  - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
  - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.
2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
  - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
    - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
    - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
  - b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
  - c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

## 3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

- a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
  - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
  - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO 6 INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

## 4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

## B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES.
  - a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:
  - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
    - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
    - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:
  - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
    - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
    - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
  - b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

## C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE  
DROP-OFF NOTES  
FOR  
TRAFFIC CONTROL

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T2        |
| P.I.H. | 2025 | PHSIP-100(68) | T2        |
| PS&E   | 2026 | PHSIP-100(68) | T2        |

| TABULATED TRAFFIC CONTROL QUANTITIES |   |      |               |
|--------------------------------------|---|------|---------------|
| ITEM NO.                             | DESCRIPTION   | UNIT | QUANTITY      |
|                                      |   |      | 12006-3218-94 |
| 202-03.01                            | REMOVAL OF ASPHALT PAVEMENT                           | S.Y. | 1000          |
| 303-01                               | MINERAL AGGREGATE, TYPE A BASE, GRADING D             | TON  | 484           |
| 307-01.08                            | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2 | TON  | 65            |
| 403-01                               | BITUMINOUS MATERIAL FOR TACK COAT (TC)                | TON  | 0.34          |
| 407-20.05                            | SAW CUTTING ASPHALT PAVEMENT                          | L.F. | 1966          |
| 411-01.10                            | ACS MIX(PG64-22) GRADING D                            | TON  | 38            |
| 712-02.60                            | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)         | EACH | 16            |
| 712-01                               | TRAFFIC CONTROL                                       | LS   | 1             |
| 712-02.02                            | INTERCONNECTED PORTABLE BARRIER RAIL                  | L.F. | 1767          |
| 712-04.01                            | FLEXIBLE DRUMS (CHANNELIZING)                         | EACH | 167           |
| 712-04.50                            | BARRIER RAIL DELINEATOR                               | EACH | 89            |
| 712-05.01                            | WARNING LIGHTS (TYPE A)                               | EACH | 21            |
| 712-05.03                            | WARNING LIGHTS (TYPE C)                               | EACH | 175           |
| 712-06                               | SIGNS (CONSTRUCTION)                                  | S.F. | 594           |
| 712-07.03                            | TEMPORARY BARRICADES (TYPE III)                       | L.F. | 56            |
| 712-09.02                            | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)          | L.F. | 1768          |
| 712-09.08                            | REMOVABLE PAVEMENT MARKING (6" line)                  | L.F. | 8835          |
| 716-01.05                            | TEMPORARY RAISED PAVEMENT MARKER                      | EACH | 45            |
| 716-05.20                            | PAINTED PAVEMENT MARKING (6" LINE)                    | L.M. | 1.66          |
| 716-08.01                            | REMOVAL OF PAVEMENT MARKING (LINE)                    | L.F. | 1661          |

| TRAFFIC CONTROL PLAN NOTES   |
|--|
| PLACEMENT OF ALL TRAFFIC CONTROL DEVICES TO BE APPROVED BY THE TDOT ENGINEER.  |
| ALL EXISTING TRAFFIC SIGNS, NOT IN CONFLICT, SHALL BE MAINTAINED DURING CONSTRUCTION.  |
| THIS CONSTRUCTION SIGNING IS TO BE USED AS A MINIMUM. OTHER SIGNS USED AS DIRECTED BY THE TDOT ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES. |
| SEE MANUAL ON UNIFORM TRAFFIC CONTROL (MUTCD) FOR RECOMMENDED LENGTHS AND FLEXIBLE DRUM PLACEMENT.   |

PHASE 1A:  
FLAGGING OPERATION.  
REMOVE EDGE LINE PAVEMENT MARKING ON E.B. SR-100, S.B. SR-225 AND N.B. SR-225.  
CONSTRUCT TEMPORARY SHOULDER EB SR-100 AND SR-225.

PHASE 1B:  
INSTALL TRAFFIC CONTROL WB SR-100 AND WAYNE HARRIS RD.  
INSTALL TEMPORARY PAVEMENT MARKING EB SR-100 AND SR-225.  
SHIFT TRAFFIC SOUTH OF BARRIER RAIL.  
WIDEN PAVEMENT AND CONSTRUCT NEW SHOULDERS WB SR-100 AND WAYNE HARRIS RD.

PHASE 2:  
REMOVE TRAFFIC CONTROL WB SR-100 AND WAYNE HARRIS RD.  
INSTALL TRAFFIC CONTROL EB SR-100 AND SR-225.  
INSTALL TEMPORARY PAVEMENT MARKING WB SR-100 AND WAYNE HARRIS RD.  
SHIFT TRAFFIC NORTH OF BARRIER RAIL.  
REMOVE TEMPORARY SHOULDER EB SR-100 AND SR-225.  
WIDEN PAVEMENT AND CONSTRUCT NEW SHOULDERS EB SR-100 AND SR-225.

| TRAFFIC CONTROL LEGEND |                                  |
|------------------------|----------------------------------|
| SYMBOL                 | ITEM                             |
| ●                      | FLEXIBLE DRUMS (CHANNELIZING)    |
| ▬▬▬▬▬                  | PORTABLE BARRIER RAIL            |
| ◁                      | TEMPORARY ATTENUATOR             |
| ▣                      | TEMPORARY BARRICADE (TYPE III)   |
| ⊠                      | TEMPORARY RAISED PAVEMENT MARKER |
| →                      | TRAFFIC FLOW                     |
| ▨                      | WORK ZONE                        |

| TRAFFIC CONTROL SIGN TABULATION |                            |                |     |    |      |                      |                       |                        |                       |                      |                    |                      |                      |  |
|---------------------------------|----------------------------|----------------|-----|----|------|----------------------|-----------------------|------------------------|-----------------------|----------------------|--------------------|----------------------|----------------------|--|
| M.U.T.C.D. SIGN NO.             | LEGEND                     | SIZE IN INCHES |     |    | S.F. | NO. REQUIRED PHASE I | NO. REQUIRED PHASE II | NO. REQUIRED PHASE III | NO. REQUIRED PHASE IV | NO. REQUIRED PHASE V | TOTAL NO. REQUIRED | ITEM NO. 712-06 S.F. | STANDARD DRAWING NO. | REMARKS                                  |
|                                 |                            | L              | X   | W  |      |                      |                       |                        |                       |                      |                    |                      |                      |  |
| G20-2A                          | END ROAD WORK              | 48"            | 24" | 8  | 4    | 4                    | 4                     |                        |                       |                      | 4                  | 32.00                | T-WZ-10              |  |
| R11-2                           | ROAD CLOSED                | 48"            | 30" | 10 | -    | 4                    | 1                     |                        |                       |                      | 4                  | 40.00                | T-WZ-10              |  |
| W1-4AR                          | REVERSE CURVE SYMBOL RIGHT | 48"            | 48" | 16 | -    | 1                    | 1                     |                        |                       |                      | 1                  | 16.00                | T-WZ-10              |  |
| W1-4AL                          | REVERSE CURVE SYMBOL LEFT  | 48"            | 48" | 16 | -    | 1                    | 1                     |                        |                       |                      | 1                  | 16.00                | T-WZ-10              |  |
| W1-6                            | ONE DIRECTION SYMBOL       | 48"            | 24" | 8  | -    | 4                    | 1                     |                        |                       |                      | 4                  | 32.00                | T-WZ-10              |  |
| W8-11                           | UNEVEN LANES               | 48"            | 48" | 16 | -    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W8-15                           | GROOVED PAVEMENT           | 48"            | 48" | 16 | -    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W8-15p                          | MOTORCYCLE PLAQUE          | 30"            | 24" | 5  | -    | 2                    | 2                     |                        |                       |                      | 2                  | 10.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W13-1P                          | MPH SPEED ADVISORY PLATE   | 48"            | 48" | 16 | -    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                | T-WZ-10              |  |
| W20-1                           | ROAD WORK 1 MILE           | 48"            | 48" | 16 | 3    | 3                    | 3                     |                        |                       |                      | 3                  | 48.00                | T-WZ-10              |  |
| W20-1                           | ROAD WORK AHEAD            | 48"            | 48" | 16 | 1    | 1                    | 1                     |                        |                       |                      | 1                  | 16.00                | T-WZ-10              |  |
| W20-1                           | ROAD WORK 1/2 MILE         | 48"            | 48" | 16 | 3    | 3                    | 3                     |                        |                       |                      | 3                  | 48.00                | T-WZ-10              |  |
| W20-1                           | ROAD WORK 1000 FEET        | 48"            | 48" | 16 | 3    | 1                    | 1                     |                        |                       |                      | 3                  | 48.00                | T-WZ-10              |  |
| W20-1                           | ROAD WORK 1500 FEET        | 48"            | 48" | 16 | -    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                | T-WZ-10              |  |
| W20-4                           | ONE LANE ROAD AHEAD        | 48"            | 48" | 16 | 2    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W20-7                           | FLAGGER                    | 48"            | 48" | 16 | 2    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                | T-WZ-10              | TO BE USED DURING RESURFACING OF SR 100. |
| W20-7a                          | FLAGGER AHEAD              | 48"            | 48" | 16 | 2    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W21-2                           | FRESH OIL                  | 48"            | 48" | 16 | -    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| W21-5                           | SHOULDER WORK              | 48"            | 48" | 16 | 2    | 2                    | 2                     |                        |                       |                      | 2                  | 32.00                |                      | TO BE USED DURING RESURFACING OF SR 100. |
| <b>TOTAL</b>                    |                            |                |     |    |      |                      |                       |                        |                       |                      | <b>594</b>         | <b>S.F.</b>          |                      |  |



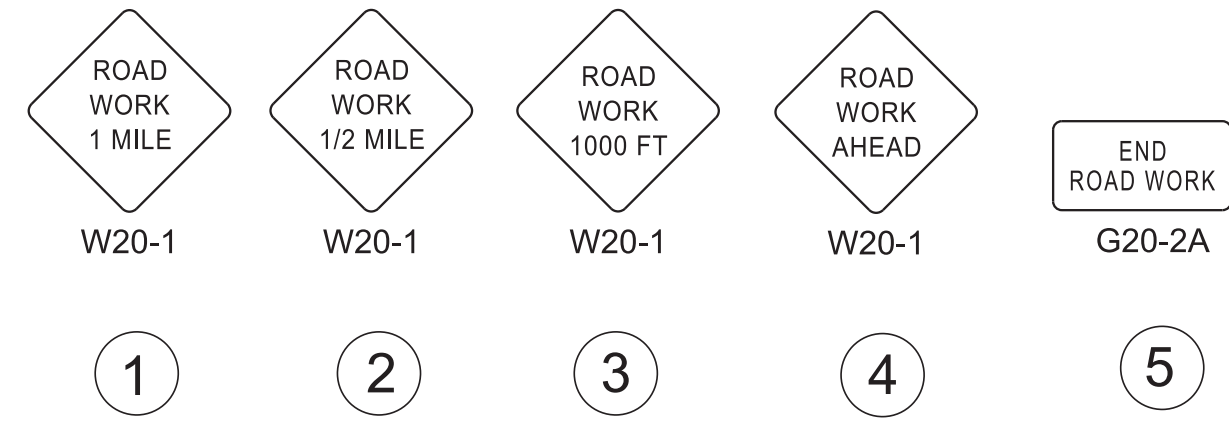
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T3        |
| P.I.H. | 2025 | PHSIP-100(68) | T3        |
| PS&E   | 2026 | PHSIP-100(68) | T3        |

**TRAFFIC CONTROL PLAN PHASE 1A NOTES**

SEE STANDARD DRAWING NO. T-WZ-10 FOR ADVANCE SIGNING.  
 REMOVE EDGE LINE PAVEMENT MARKING ON E.B. SR-100, S.B. SR-225 AND N.B. SR-225.  
 CONSTRUCT TEMPORARY SHOULDER EB SR-100 AND SR-225.  
 SEE STANDARD DRAWING NO. T-M-1 FOR PAVEMENT MARKING.

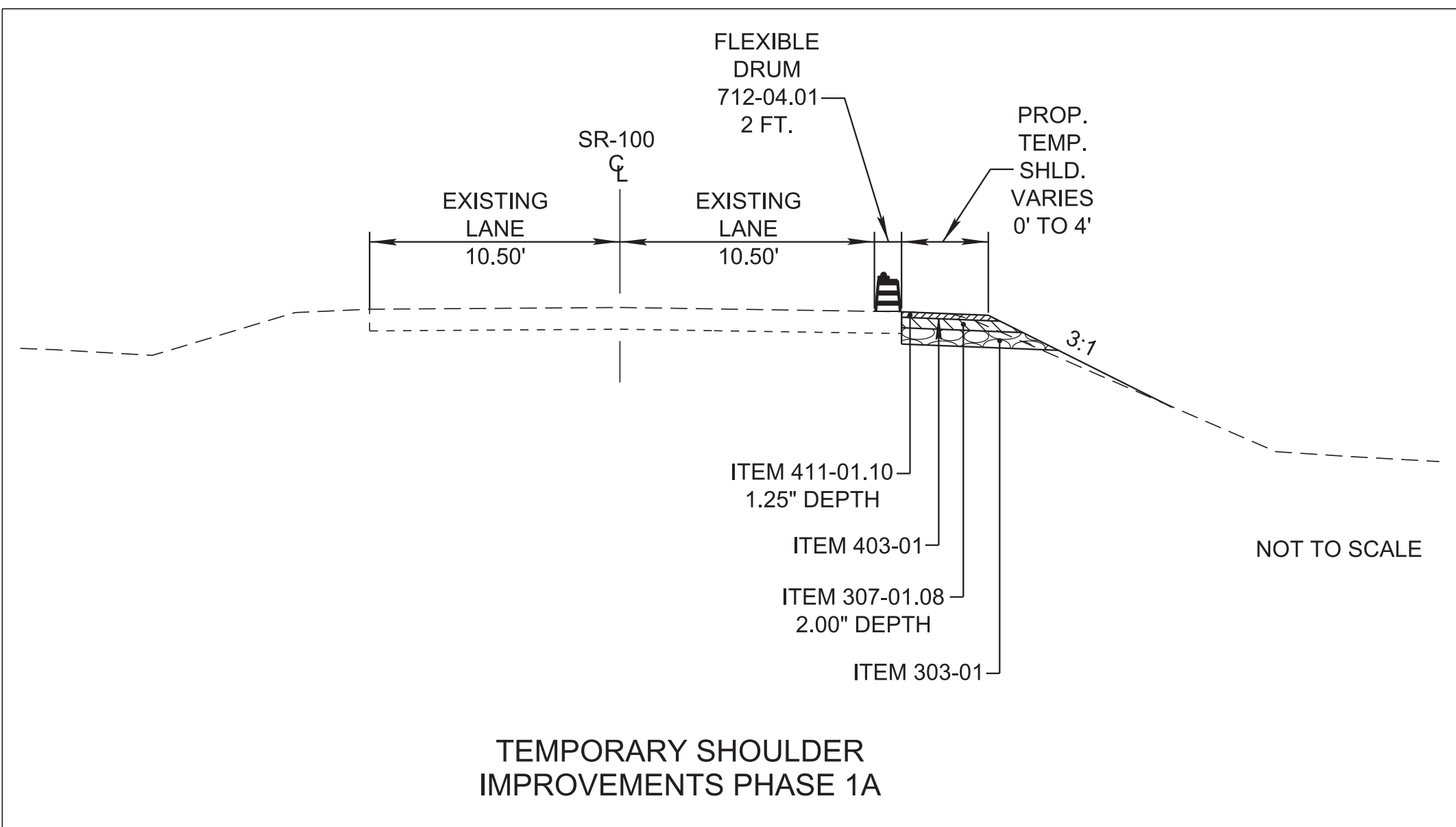
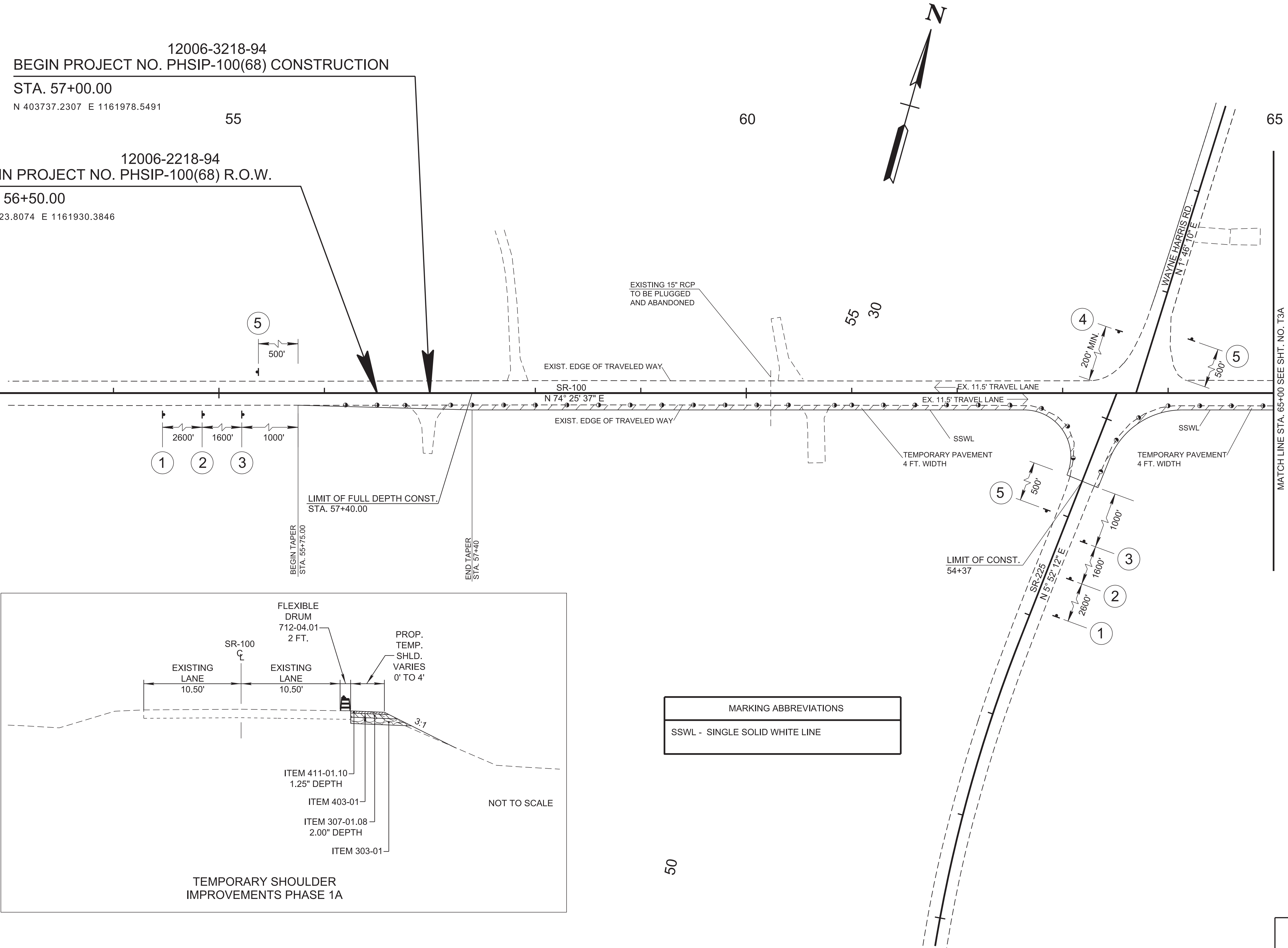


12006-3218-94  
 BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION

STA. 57+00.00  
 N 403737.2307 E 1161978.5491

12006-2218-94  
 BEGIN PROJECT NO. PHSIP-100(68) R.O.W.

STA. 56+50.00  
 N 403723.8074 E 1161930.3846



**MARKING ABBREVIATIONS**

SSWL - SINGLE SOLID WHITE LINE

MATCH LINE STA. 65+00 SEE SHT. NO. T3A

**SEALED BY**

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**

STA. 53+00 TO STA. 65+00  
 SCALE: 1"=50'

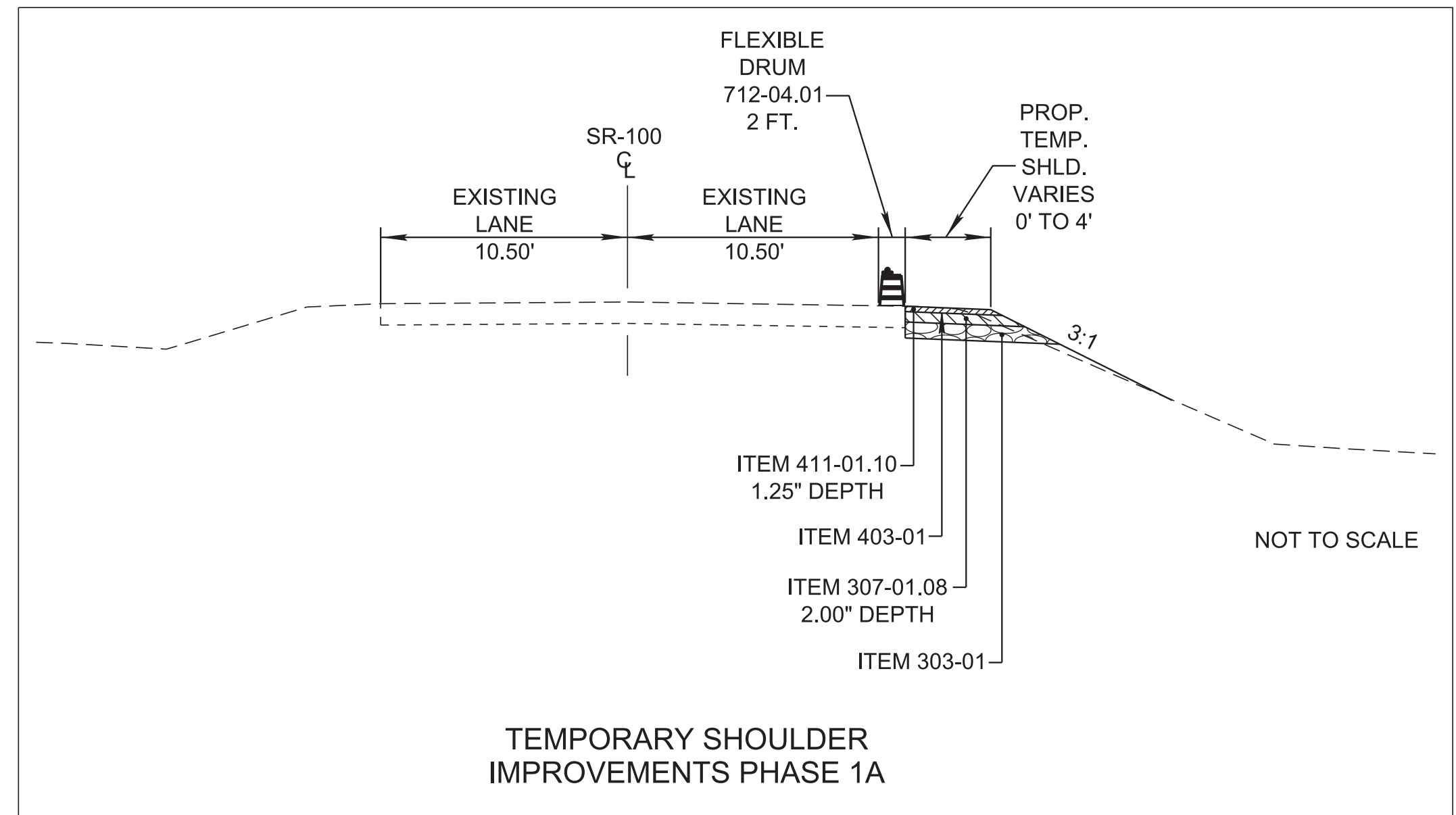
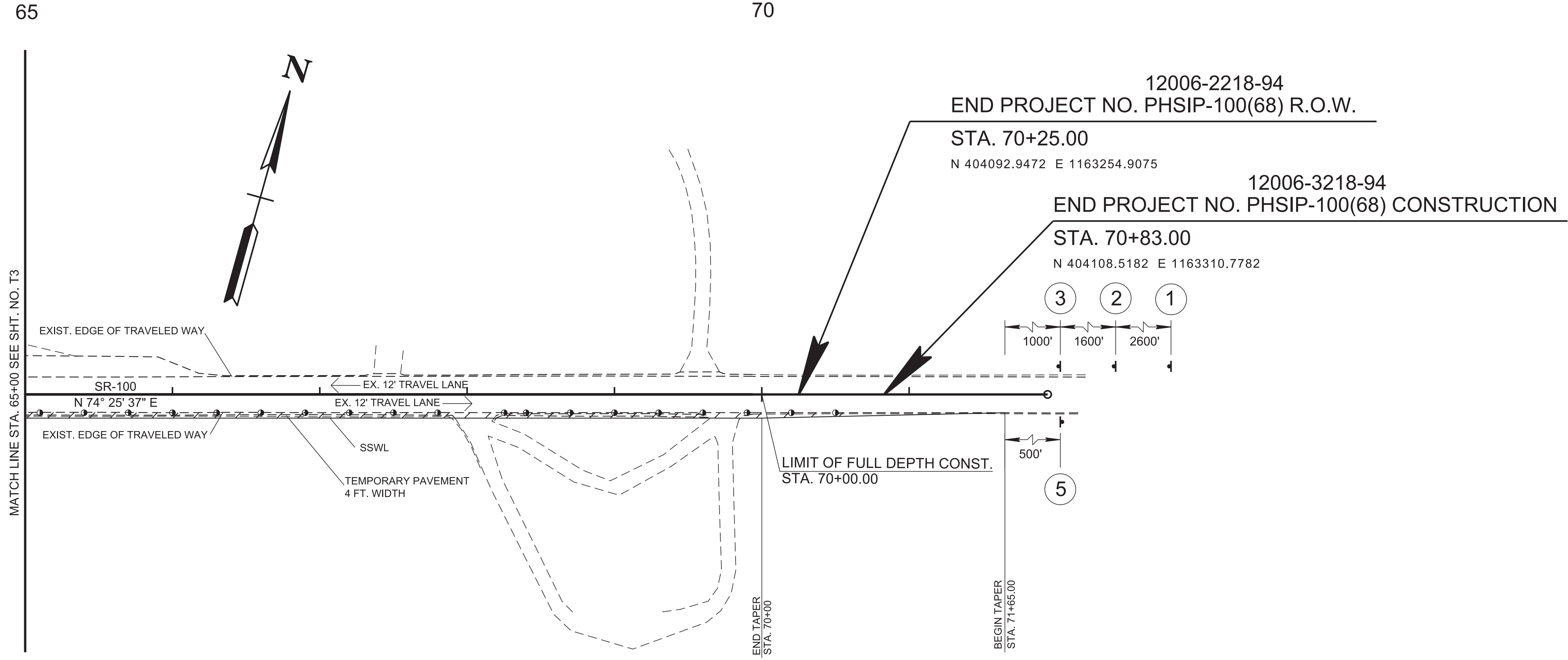
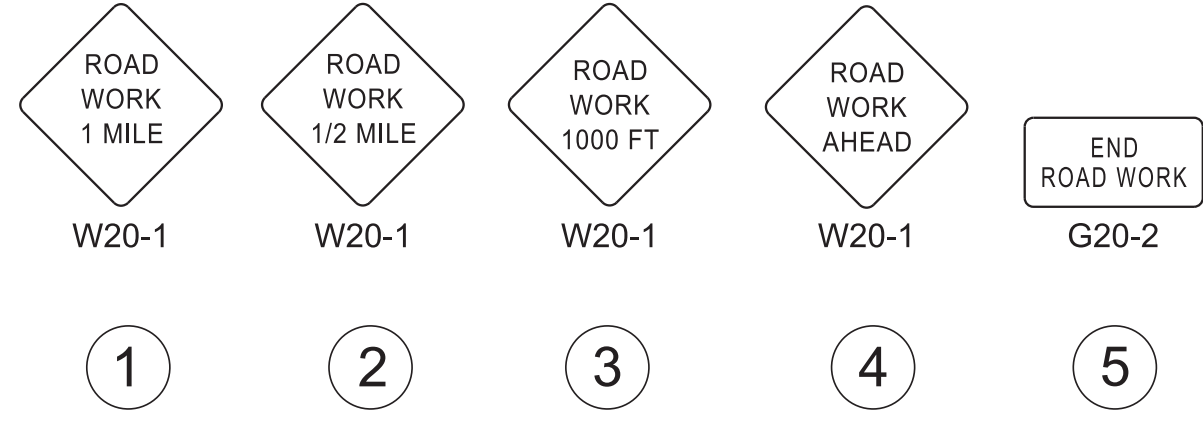
PHASE 1A

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T3A       |
| P.I.H. | 2025 | PHSIP-100(68) | T3A       |
| PS&E   | 2026 | PHSIP-100(68) | T3A       |

**TRAFFIC CONTROL PLAN PHASE 1A NOTES**

SEE STANDARD DRAWING NO. T-WZ-10 FOR ADVANCE SIGNING.  
 REMOVE EDGE LINE PAVEMENT MARKING ON E.B. SR-100, S.B. SR-225 AND N.B. SR-225.  
 CONSTRUCT TEMPORARY SHOULDER EB SR-100 AND SR-225.  
 SEE STANDARD DRAWING NO. T-M-1 FOR PAVEMENT MARKING.



**MARKING ABBREVIATIONS**

SSWL - SINGLE SOLID WHITE LINE

**SEALED BY**

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**

STA. 65+00 TO STA. 72+00  
SCALE: 1"=50'

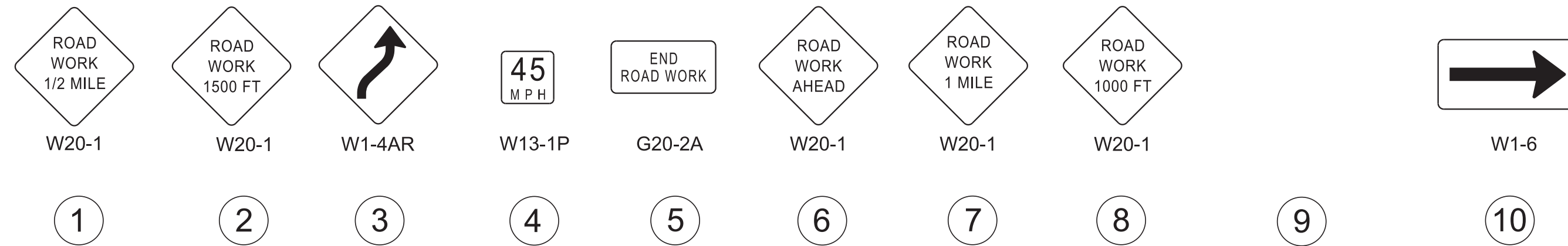
PHASE 1A

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T4        |
| P.I.H. | 2025 | PHSIP-100(68) | T4        |
| PS&E   | 2026 | PHSIP-100(68) | T4        |

**TRAFFIC CONTROL PLAN PHASE 1B NOTES**

INSTALL TRAFFIC CONTROL WB SR-100 AND WAYNE HARRIS RD.  
 SEE STANDARD DRAWING NO. T-M-1 FOR PAVEMENT MARKING.  
 INSTALL TEMPORARY PAVEMENT MARKING EB SR-100 AND SR-225.  
 SHIFT TRAFFIC SOUTH OF BARRIER RAIL.  
 WIDEN PAVEMENT AND CONSTRUCT NEW SHOULDERS WB SR-100 AND WAYNE HARRIS RD.

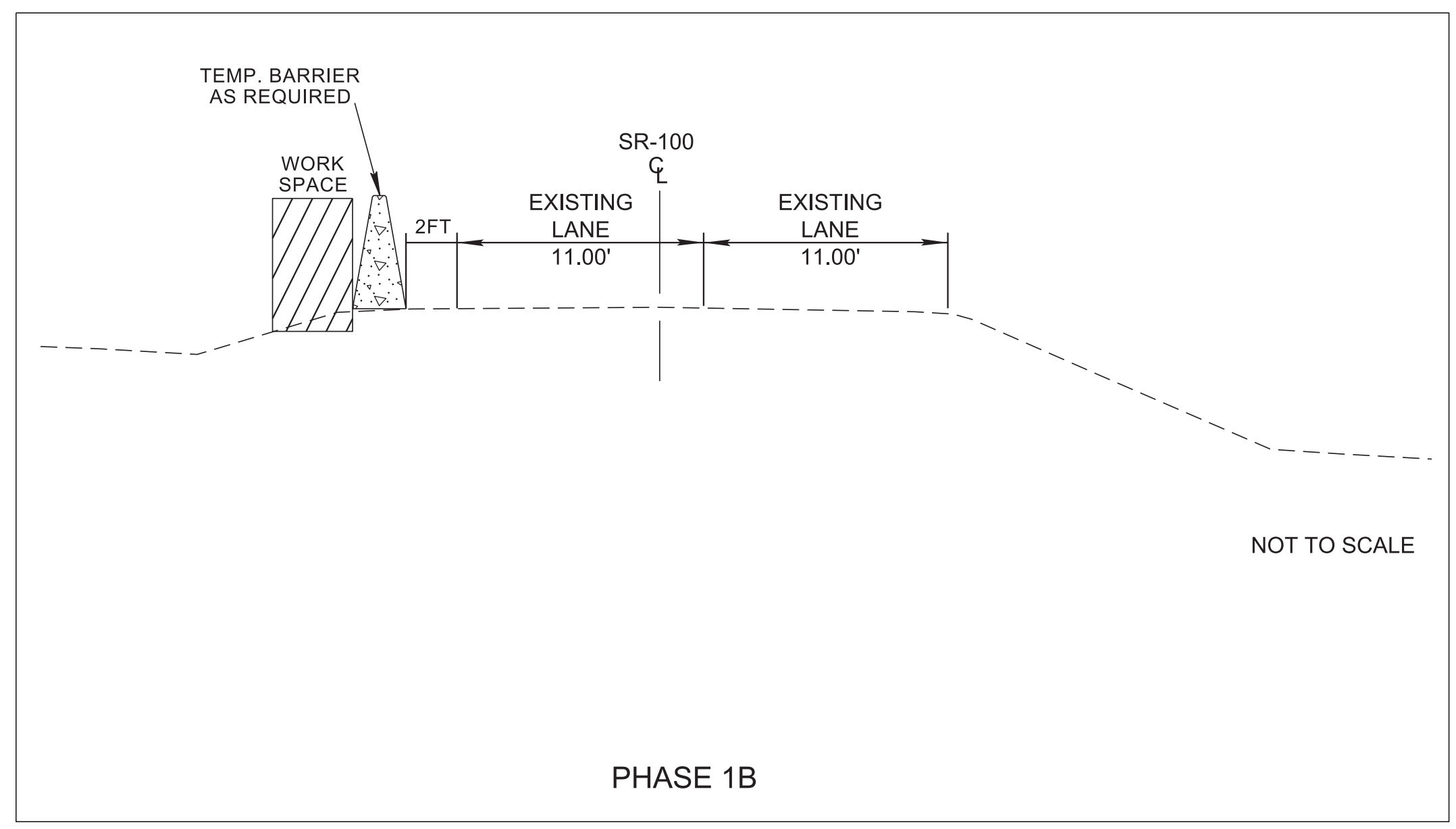
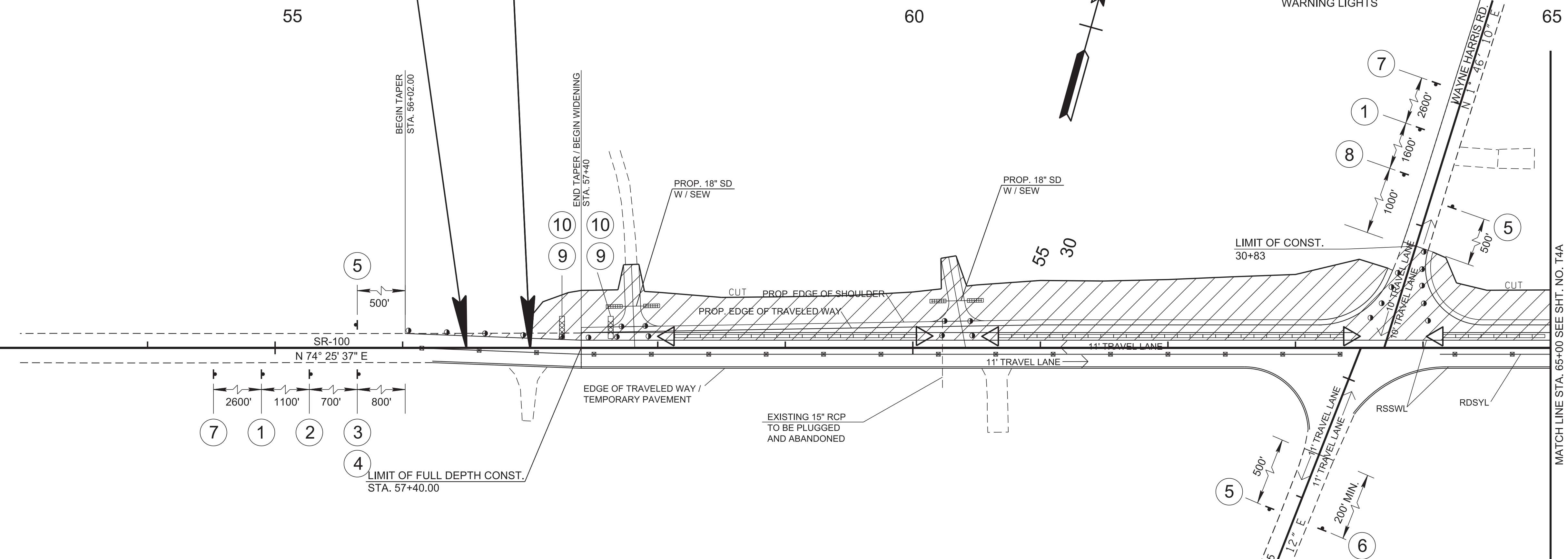


**12006-3218-94**  
**BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION**

**STA. 57+00.00**  
 N 403737.2307 E 1161978.5491

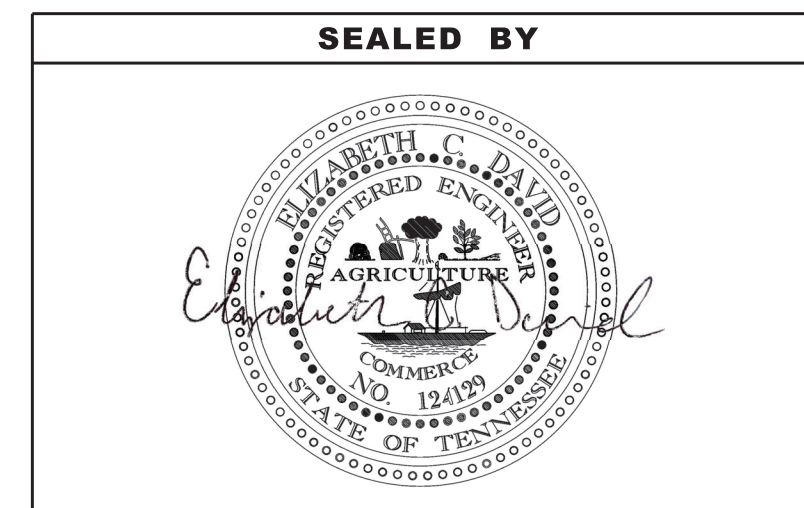
**12006-2218-94**  
**BEGIN PROJECT NO. PHSIP-100(68) R.O.W.**

**STA. 56+50.00**  
 N 403723.8074 E 1161930.3846



**MARKING ABBREVIATIONS**

RDSYL - REMOVABLE DOUBLE SOLID YELLOW LINE  
 RSSWL - REMOVABLE SINGLE SOLID WHITE LINE



COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 2003.

**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**  
 STA. 53+00 TO STA. 65+00  
 SCALE: 1"=50'

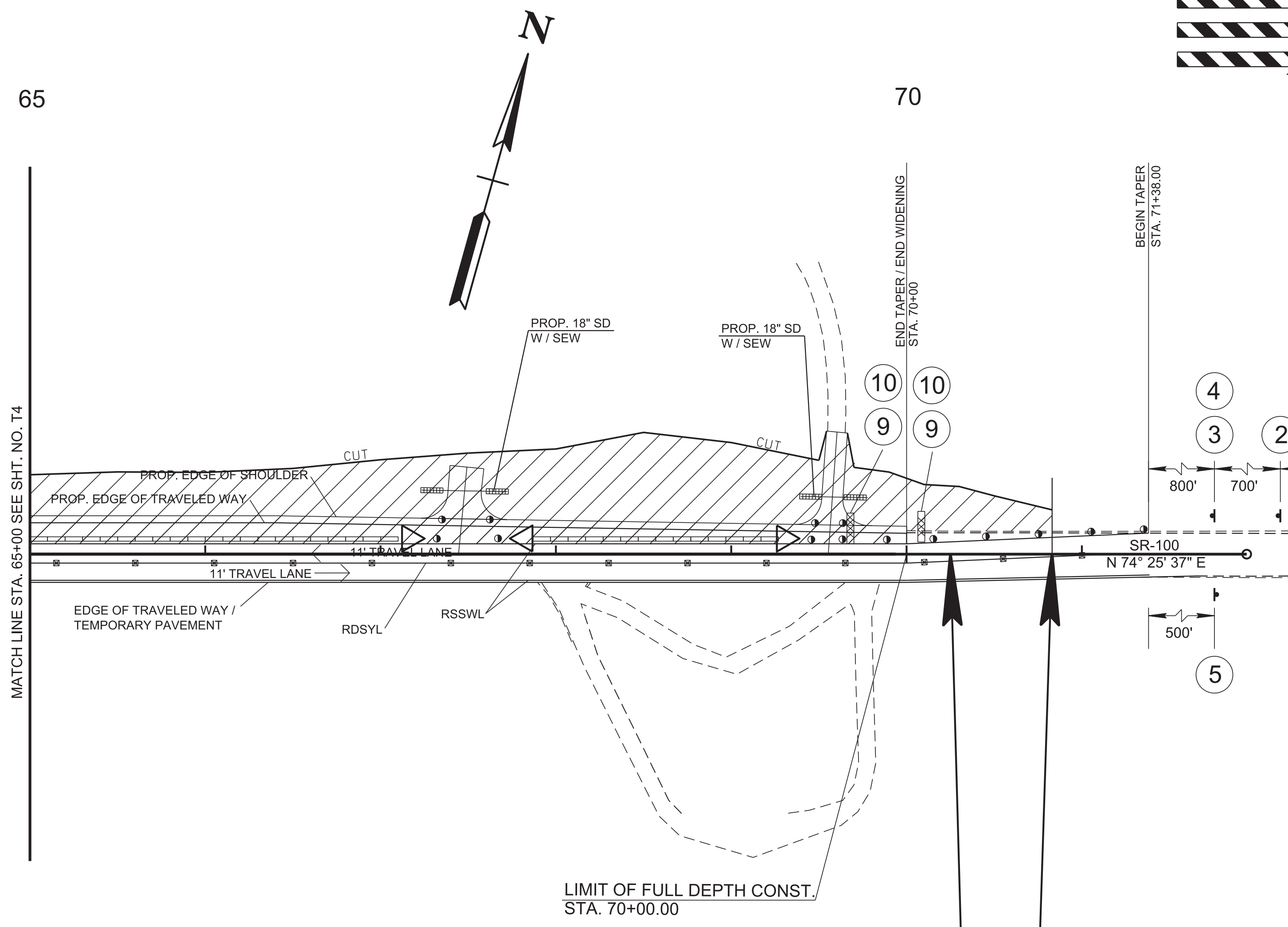
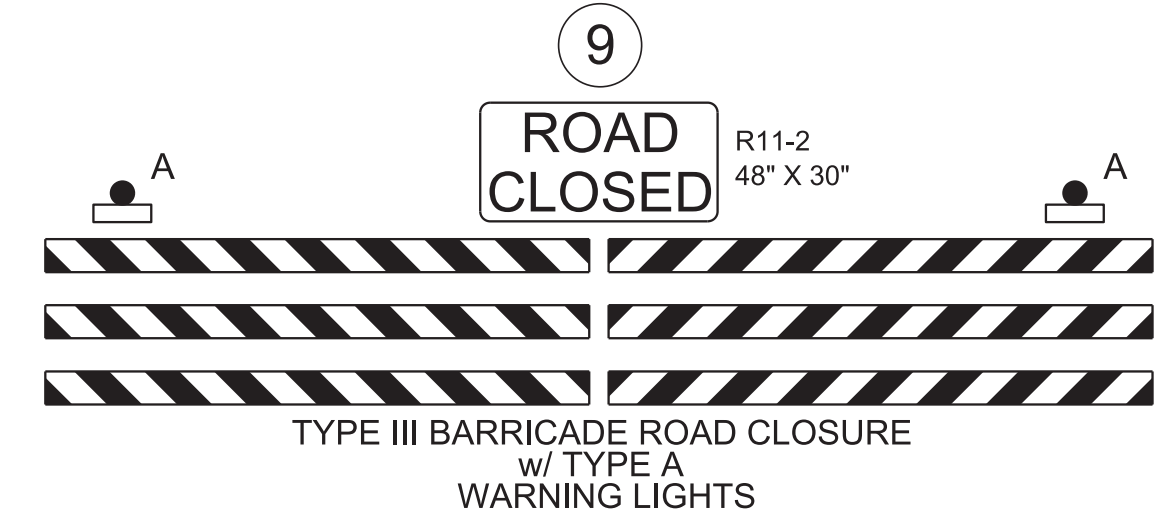
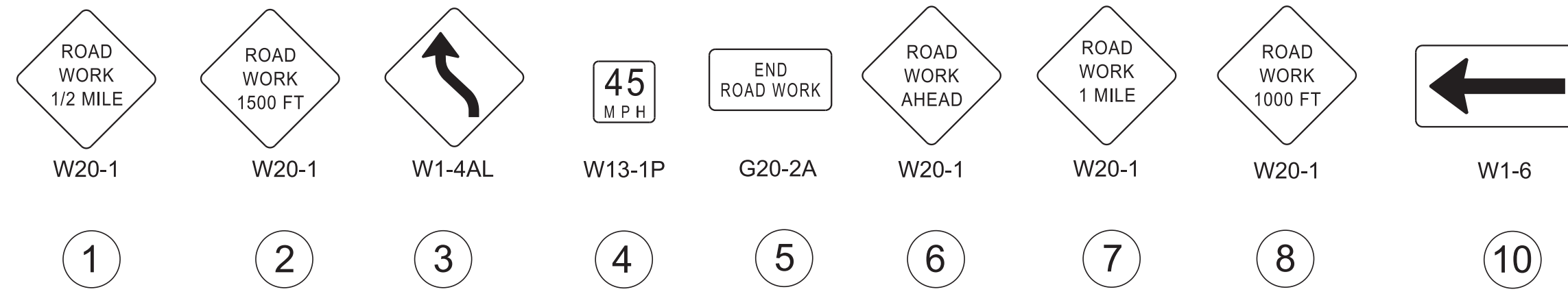
PHASE 1B

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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T4A       |
| P.I.H. | 2025 | PHSIP-100(68) | T4A       |
| PS&E   | 2026 | PHSIP-100(68) | T4A       |

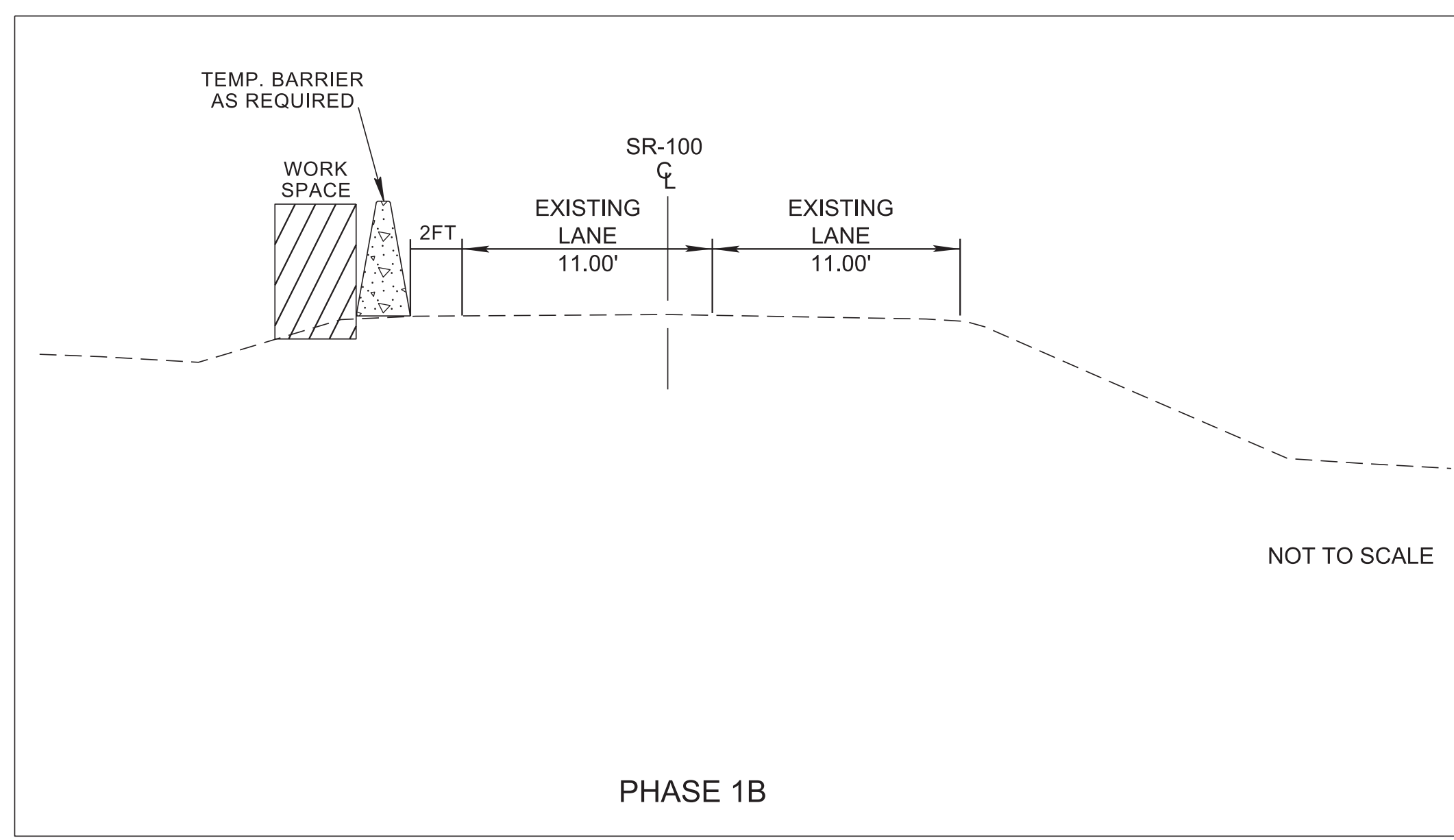
**TRAFFIC CONTROL PLAN PHASE 1B NOTES**

INSTALL TRAFFIC CONTROL WB SR-100 AND WAYNE HARRIS RD.  
 SEE STANDARD DRAWING NO. T-M-1 FOR PAVEMENT MARKING.  
 INSTALL TEMPORARY PAVEMENT MARKING EB SR-100 AND SR-225.  
 SHIFT TRAFFIC SOUTH OF BARRIER RAIL.  
 WIDEN PAVEMENT AND CONSTRUCT NEW SHOULDERS WB SR-100 AND WAYNE HARRIS RD.



**MARKING ABBREVIATIONS**

|       |                                      |
|-------|--------------------------------------|
| RDSYL | - REMOVABLE DOUBLE SOLID YELLOW LINE |
| RSSWL | - REMOVABLE SINGLE SOLID WHITE LINE  |



12006-2218-94  
 END PROJECT NO. PHSIP-100(68) R.O.W.  
 STA. 70+25.00  
 N 404092.9472 E 1163254.9075

12006-3218-94  
 END PROJECT NO. PHSIP-100(68) CONSTRUCTION  
 STA. 70+83.00  
 N 404108.5182 E 1163310.7782

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**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**  
 STA. 65+00 TO STA. 72+00  
 SCALE: 1"=50'

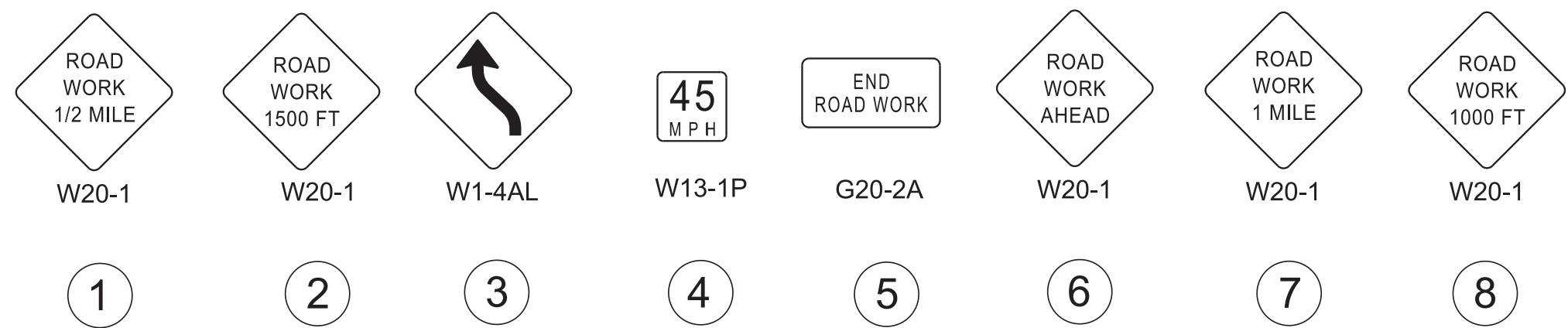
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| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T5        |
| P.I.H. | 2025 | PHSIP-100(68) | T5        |
| PS&E   | 2026 | PHSIP-100(68) | T5        |

**TRAFFIC CONTROL PLAN PHASE 2 NOTES**

REMOVE TRAFFIC CONTROL WB SR-100 AND WAYNE HARRIS RD.  
 INSTALL TRAFFIC CONTROL EB SR-100 AND SR-225.  
 SEE STANDARD DRAWING NO. T-M-1 FOR PAVEMENT MARKING.  
 INSTALL TEMPORARY PAVEMENT MARKING WB SR-100 AND WAYNE HARRIS RD.  
 SHIFT TRAFFIC NORTH OF BARRIER RAIL.  
 REMOVE TEMPORARY SHOULDER EB SR-100 AND SR-225.  
 WIDEN PAVEMENT AND CONSTRUCT NEW SHOULDERS EB SR-100 AND SR-225.

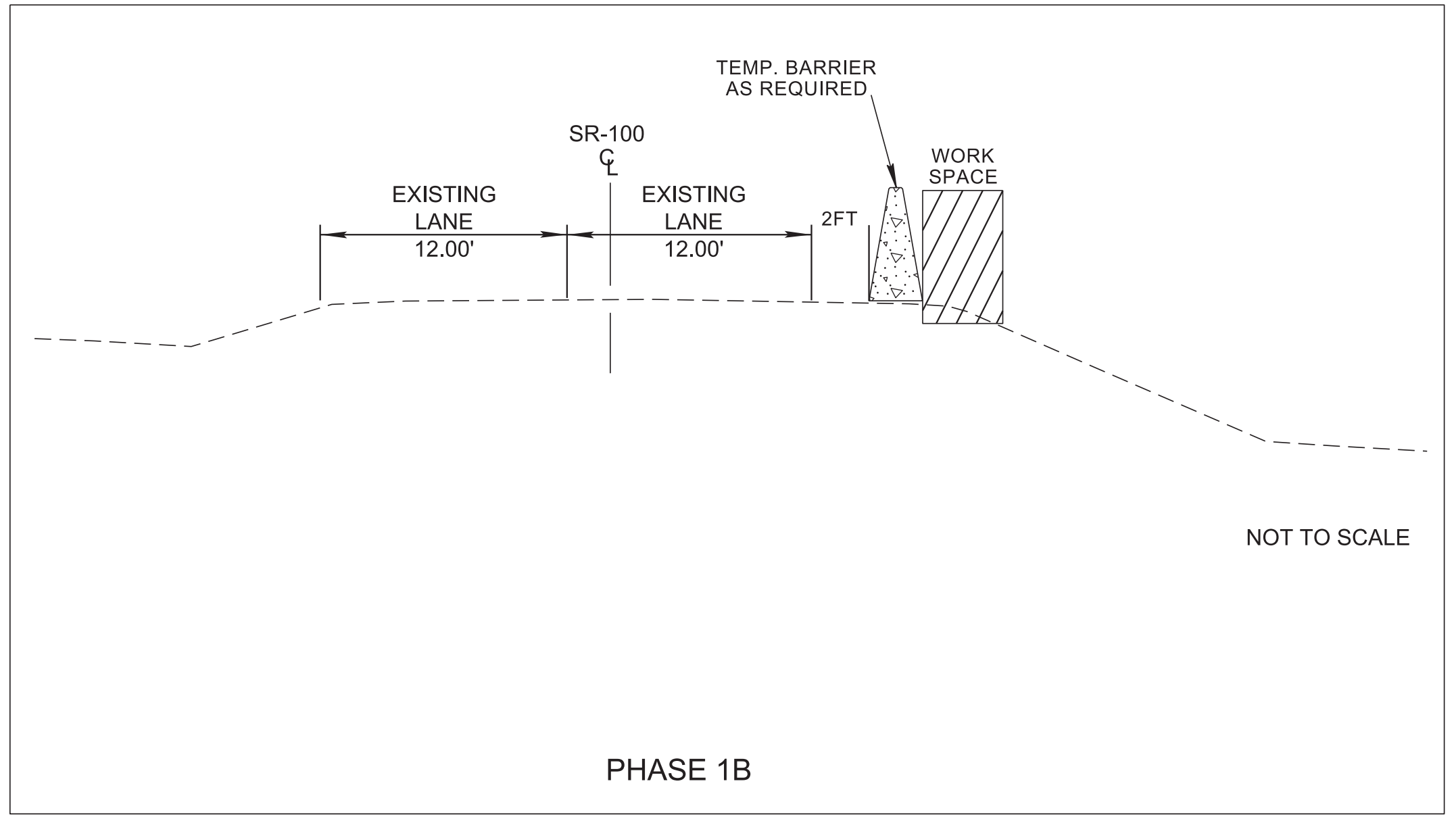
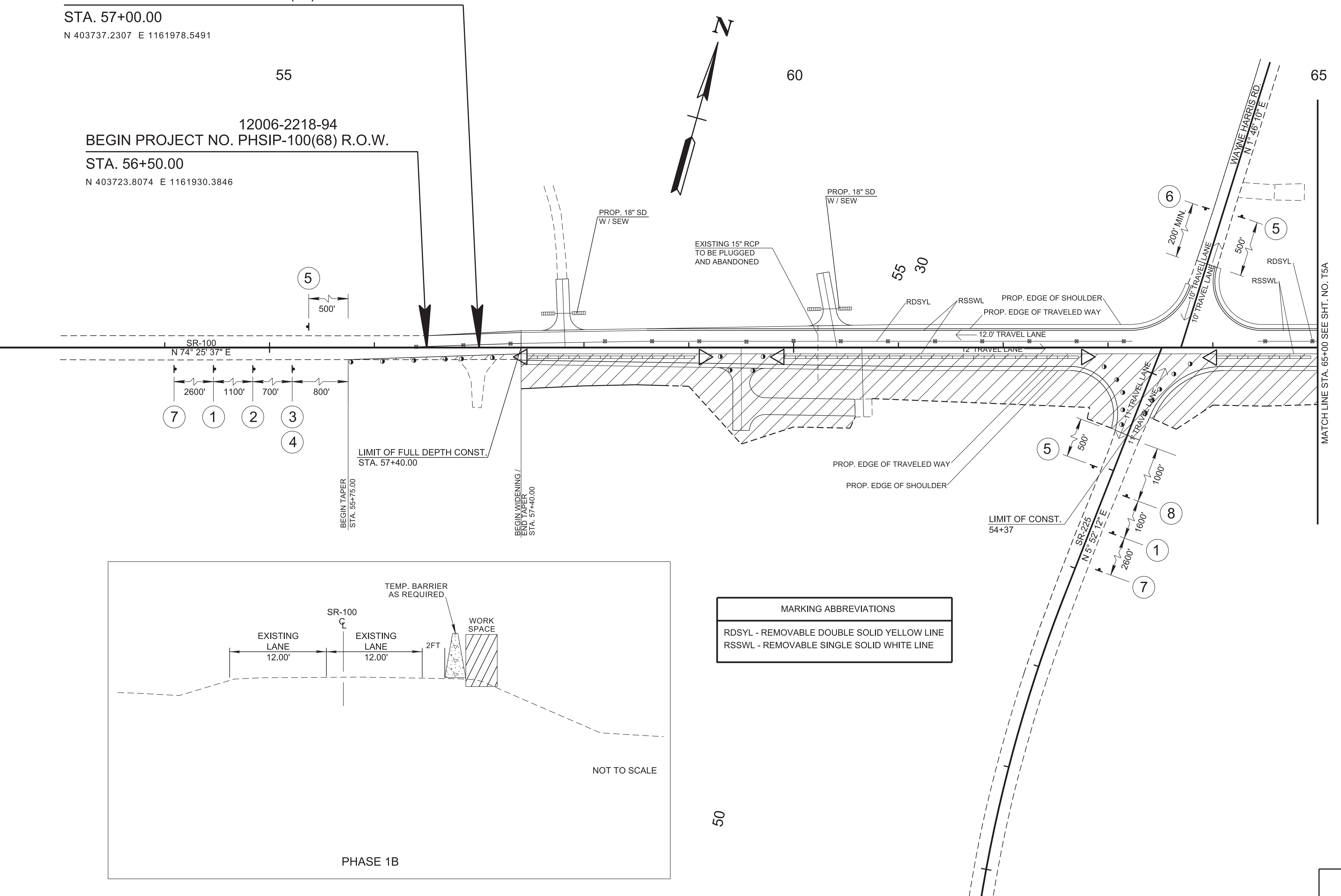


**12006-3218-94**  
**BEGIN PROJECT NO. PHSIP-100(68) CONSTRUCTION**

**STA. 57+00.00**  
 N 403737.2307 E 1161978.5491

**12006-2218-94**  
**BEGIN PROJECT NO. PHSIP-100(68) R.O.W.**

**STA. 56+50.00**  
 N 403723.8074 E 1161930.3846



**MARKING ABBREVIATIONS**

RDSYL - REMOVABLE DOUBLE SOLID YELLOW LINE  
 RSSWL - REMOVABLE SINGLE SOLID WHITE LINE

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**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**  
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 SCALE: 1"=50'

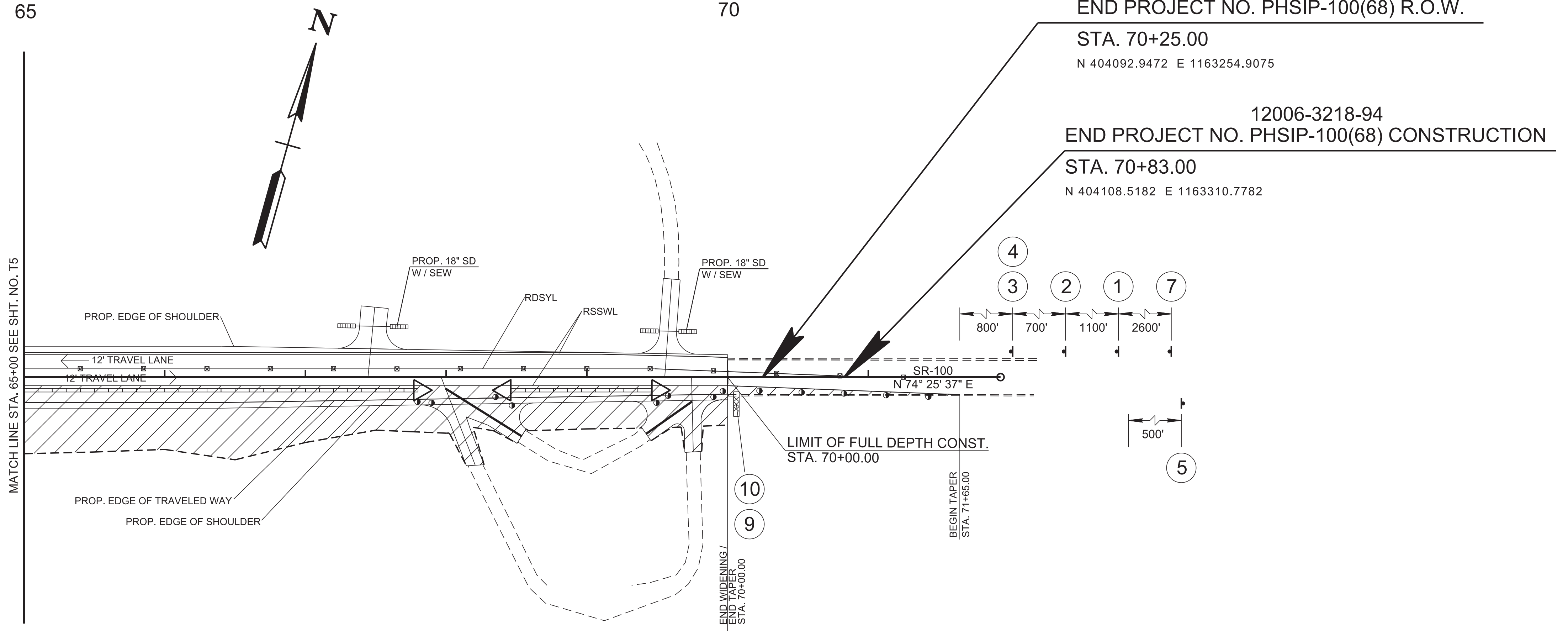
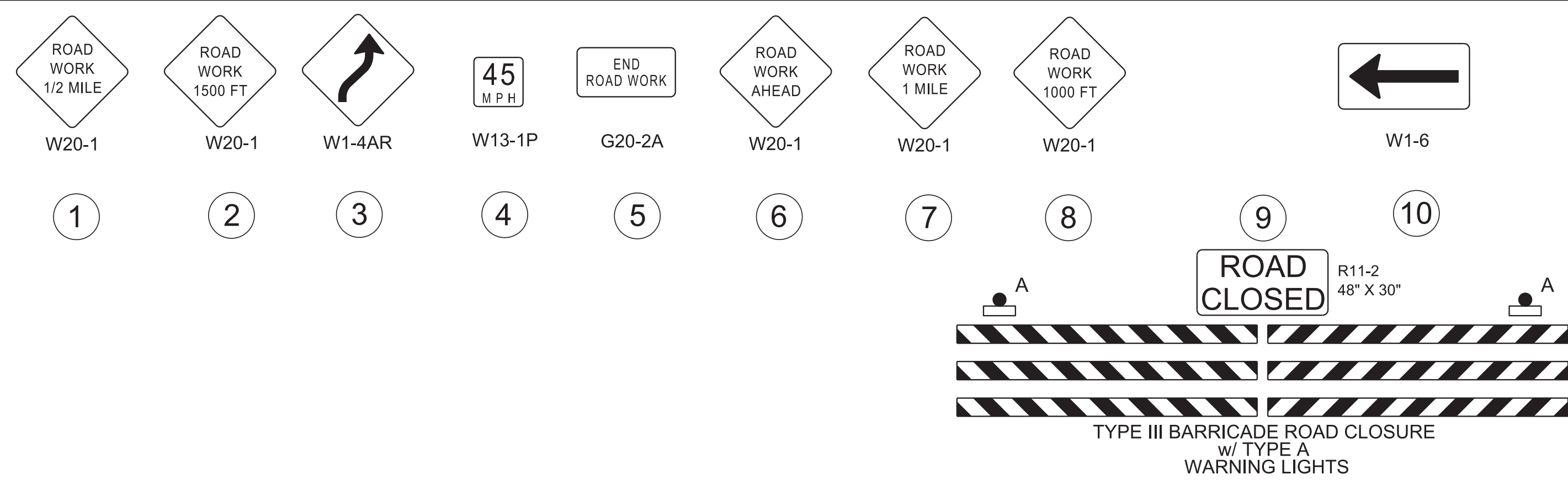
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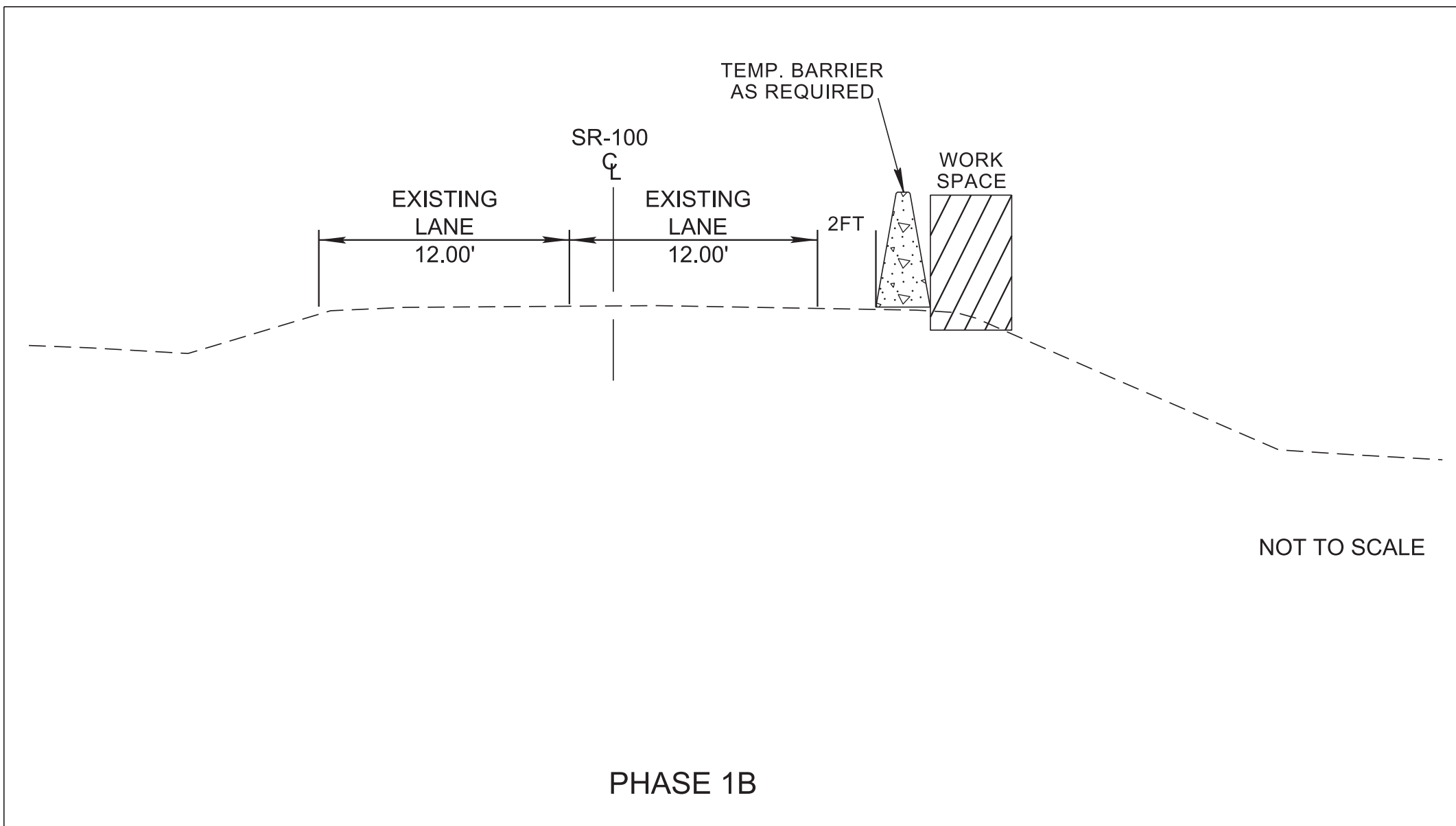
| TYPE   | YEAR | PROJECT NO.   | SHEET NO. |
|--------|------|---------------|-----------|
| R.O.W. | 2024 | PHSIP-100(68) | T5A       |
| P.I.H. | 2025 | PHSIP-100(68) | T5A       |
| PS&E   | 2026 | PHSIP-100(68) | T5A       |

### TRAFFIC CONTROL PLAN PHASE 2 NOTES

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| MARKING ABBREVIATIONS |                                      |
|-----------------------|--------------------------------------|
| RDSYL                 | - REMOVABLE DOUBLE SOLID YELLOW LINE |
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**STATE OF TENNESSEE  
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**TRAFFIC CONTROL PLANS**  
 STA. 65+00 TO STA. 72+00  
 SCALE: 1"=50'

PHASE 2

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**SWPPP INDEX OF SHEETS**

| DESCRIPTION   | SHT. |
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| 2. SITE DESCRIPTION (5.5.1.)  | 1    |
| 3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)                       | 1    |
| 4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION           | 1-2  |
| 5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.) | 2-3  |
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NOTE: CITATIONS IN PARENTHESIS INDICATE SECTIONS OF THE CURRENT CGP.

- SWPPP REQUIREMENTS (5.0.)**
  - HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (5.2)?
    - YES (CHECK ALL THAT APPLY BELOW) OR  NO
    - CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC)
    - A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT
    - HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE
  - DO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, HYDROLOGIC OR OTHER ENGINEERING CALCULATIONS FOR EPSC STRUCTURAL MEASURES (E.G. SEDIMENT BASINS) (5.2)? YES  NO 

IF YES, HAVE THE EPSC PLANS BEEN PREPARED, STAMPED AND CERTIFIED BY A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT?  YES  NO
  - DO THE PROJECT STORMWATER OUTFALLS DISCHARGE INTO THE FOLLOWING (6.4.1.)?  YES (CHECK ALL THAT APPLY BELOW)  NO
    - WATERS WITH UNAVAILABLE PARAMETERS (303d FOR SILTATION)
    - EXCEPTIONAL TENNESSEE WATERS (ETW)
- SITE DESCRIPTION (5.5.1.)**
  - PROJECT LIMITS (5.5.1.f): REFER TO TITLE SHEET
  - TOTAL PROJECT AREA (5.5.1.b): 4.445 ACRES
  - TOTAL AREA TO BE DISTURBED (5.5.1.b): 3.164 ACRES
  - PROJECT DESCRIPTION (5.5.1.a):
 

TITLE: SR-100 Intersection at SR-225, LM 7.78  
COUNTY: Chester  
PIN: 120069.00
  - SITE MAP(S) (3.2.2.): REFER TO TITLE SHEET
  - DESCRIPTION OF EXISTING SITE TOPOGRAPHY (5.5.1.c): REFER TO EXISTING CONTOURS SHEET(S) 13-13A, DRAINAGE MAP SHEET(S) 10-11, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.2.
  - MAJOR SOIL DISTURBING ACTIVITIES (5.5.1.a) (CHECK ALL THAT APPLY):
    - CLEARING AND GRUBBING
    - EXCAVATION
    - CUTTING AND FILLING
    - FINAL GRADING AND SHAPING
    - UTILITIES
    - OTHER (DESCRIBE): \_\_\_\_\_
  - NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT.
  - ARE THERE ANY SEASONAL LIMITATIONS ON WORK?  YES  NO  
IF YES, LIST THE CORRESPONDING PLAN SHEET: \_\_\_\_\_

- WAS ROW FINALIZED PRIOR TO FEBRUARY 1, 2010 (4.1.2.2)?
  - YES \_\_\_\_\_ (DATE)  NO
  - IF ROW WAS FINALIZED PRIOR TO FEBRUARY 1, 2010, THIS PROJECT IS CONSIDERED A PRE-APPROVED SITE (4.1.2.2)**
- SOIL PROPERTIES (5.5.1.d, 5.5.3.3.d, 5.5.3.6.b).  
SOIL PROPERTIES FOR THE PRIMARY SOILS ARE LISTED IN THE TABLE BELOW.

| SOIL PROPERTIES   |     |           |                       |
|---|-----|-----------|-----------------------|
| PRIMARY SOIL NAME   | HSG | % OF SITE | ERODIBILITY (k value) |
| Dulac silty clay loam, 5 to 8 percent slopes, severely eroded   | D   | 97.4      | .37                   |
| Steens fine sandy loam, overwash and occasionally flooded soils | B/D | 2.6       | .24                   |

- IS ACID PRODUCING ROCK (APR) (i.e. PYRITE) LOCATED WITHIN THE PROJECT LIMITS?  YES  NO
  - IF YES TO SECTION 2.13, HAVE APR LOCATIONS BEEN IDENTIFIED WITHIN THE CONSTRUCTION PLANS AND/OR THE GEOTECHNICAL REPORT?  YES  NO; AND
  - IF YES TO SECTION 2.12.1, HAS A SPECIAL HANDLING PLAN AND/OR ADAPTIVE MANAGEMENT PLAN (AMP) BEEN PREPARED FOR THE PROJECT?  YES  NO  N/A (TDOT SP107L WILL BE APPLIED.)
- PROJECT RUNOFF COEFFICIENTS AND AREA PERCENTAGES (5.5.3.6.a).

| RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS |          |                              |           |          |
|---|----------|------------------------------|-----------|----------|
| AREA TYPE                                   | AREA(AC) | PERCENTAGE OF TOTAL AREA (%) | RUNOFF CN | C FACTOR |
| IMPERVIOUS                                  | 1.51     | 48                           | 0.90      | 1.359    |
| PERVIOUS                                    | 1.61     | 52                           | 0.40      | 0.644    |
| WEIGHTED CURVE NUMBER OR C-FACTOR =         |          |                              |           | 0.64     |

| RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS |          |                              |           |          |
|--|----------|------------------------------|-----------|----------|
| AREA TYPE  | AREA(AC) | PERCENTAGE OF TOTAL AREA (%) | RUNOFF CN | C FACTOR |
| IMPERVIOUS   | 1.51     | 48                           | 0.90      | 1.359    |
| PERVIOUS   | 1.61     | 52                           | 0.40      | 0.644    |
| WEIGHTED CURVE NUMBER OR C-FACTOR =                  |          |                              |           | 0.64     |

- ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)**  
CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO: MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL, AND MINIMIZE SOIL COMPACTION. NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE ORDER OF CONSTRUCTION ACTIVITIES AND THE BASIC EPSC DEVICES DEPICTED ON THE EPSC PLAN CONTAINED WITHIN THE APPROVED SWPPP.
  - SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 13-15A)
  - INSTALL STABILIZED CONSTRUCTION EXITS.
  - INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM THE SITE.
  - INSTALL INITIAL EPSC MEASURES BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CULVERT OR BRIDGE CONSTRUCTION, CUTTING, FILLING, OR ANY OTHER EARTHWORK OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.

- PERFORM CLEARING AND GRUBBING (NOT MORE THAN TWO WEEKS PRIOR TO GRADING OR EARTH-MOVING. REFER TO THE STABILIZATION PRACTICES BELOW.).
- REMOVE AND STORE TOPSOIL.
- STABILIZE DISTURBED AREAS WITHIN 2 WEEKS OF COMPLETING ANY STAGE AND/OR PHASE OF ACTIVITY (STEEP SLOPES SHALL BE STABILIZED WITHIN 1 WEEK AFTER CONSTRUCTION ACTIVITY HAS TEMPORARY OR PERMANENTLY CEASED).
- INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE STRUCTURES.
- INSTALL INLET AND CULVERT PROTECTION ONCE STRUCTURES ARE IN PLACE AND CAPABLE OF INTERCEPTING FLOW.
- PERFORM FINAL GRADING AND INSTALL BASE STONE.
- COMPLETE FINAL PAVING AND SEALING OF CONCRETE.
- INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.
- COMPLETE PERMANENT STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION CONTROL BLANKET, SOD, ETC.)
- REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER.
- RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.

**4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION**

- STREAM INFORMATION (5.5.1.h, 5.5.1.i)
  - WILL CONSTRUCTION AND/OR EROSION PREVENTION AND SEDIMENT CONTROLS IMPACT ANY STREAMS WITHIN THE PROJECT LIMITS?  YES  NO  
IF YES, THE IMPACT(S) HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE WATER QUALITY PERMITS.
  - HAVE ANY OF THE RECEIVING STATE WATERS LESS THAN OR EQUAL TO 1 FLOW MILE DOWN GRADIENT OF THE PROJECT LIMITS BEEN CLASSIFIED BY TDEC AS FOLLOWS (CHECK ALL THAT APPLY):
    - 303d WITH UNAVAILABLE PARAMETERS FOR SILTATION
    - EXCEPTIONAL TENNESSEE WATERS (ETW)
  - RECEIVING WATERS OF THE STATE (5.5.1.h, 5.5.1.j, 5.5.1.k).

| RECEIVING WATERS OF THE STATE INFORMATION |                               |  |                 |   |  |
|---|-------------------------------|--|-----------------|---|--|
| TDOT STATE WATER LABEL FROM EBR           | NAME OF RECEIVING STATE WATER | 303d WITH UNAVAILABLE PARAMETERS FOR SILTATION (YES OR NO) | ETW (YES OR NO) | LOCATED WITHIN PROJECT LIMITS (YES OR NO) | LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO) |
| N/A                                       | Turkey Creek                  | NO   | NO              | NO  | YES  |

- RECEIVING WATERS OF THE US (NON STATE WATERS) (4.1.2). LIST ANY FEATURE THAT IS IDENTIFIED AS A WET WEATHER CONVEYANCE (TDEC) AND IDENTIFIED AS WATERS OF THE US BY THE ARMY CORPS OF ENGINEERS.

| WET WEATHER CONVEYANCES THAT ARE WATERS OF THE US |   |  |
|---|---|--|
| TDOT STATE WATER LABEL FROM EBR                   | LOCATED WITHIN PROJECT LIMITS (YES OR NO) | LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO) |
| N/A   | N/A                                       | N/A  |

- ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WATERS OF THE STATE? (5.5.1.i, 6.4.2.)  
 YES  NO

**BUFFER ZONE REQUIREMENTS ARE NOT REQUIRED FOR PRE-APPROVED SITES (4.1.2.2.)**

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) N/A.  
IF YES, CHECK THE APPROPRIATE BOX BELOW FOR SIZE OF BUFFER.

60-FEET FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 30-FEET).

A 60 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE STREAM WITH THIS DESIGNATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 60 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 30 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

30-FEET FOR ALL OTHER STREAMS (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 15-FEET).

A 30 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE STREAM SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 30 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

15-FEET FOR ANY WET WEATHER CONVEYANCES IDENTIFIED AS WATERS OF THE US BY THE US ARMY CORPS OF ENGINEERS.

4.1.6. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS DUE TO A TDEC ARAP? (1.5.2.)  
 YES  NO

4.1.7. ARE THERE WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2.1.)  YES  NO  
IF YES, EXISTING CONDITIONS DESCRIPTION: \_\_\_\_\_

4.1.8. EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION ACTIVITIES TO NOT TAKE PLACE WITHIN THE WATER QUALITY RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED AREAS TO BE PRESERVED. (4.1.2., 6.4.2.)

4.1.9. BECAUSE OF HEAVY SEDIMENT LOAD ASSOCIATED WITH CONSTRUCTION SITE RUNOFF, WATER QUALITY RIPARIAN BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE WATER QUALITY RIPARIAN BUFFER ZONE SHALL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND THE DISTURBED CONSTRUCTION AREA.

4.1.10. WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER QUALITY RIPARIAN BUFFER, BEST MANAGEMENT PRACTICES (BMPs) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MUST BE USED. A JUSTIFICATION FOR USE AND DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE SWPPP. THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS SHALL REVIEW AND APPROVE THIS REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE SITE PROCEEDS, UNLESS PREVIOUSLY EXEMPT IN THE NPDES CGP. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

4.2. OUTFALL INFORMATION

4.2.1. OUTFALL TABLE (5.5.1.c). SEE SWPPP SHEET S-8 FOR OUTFALL INFORMATION.

4.2.2. HAVE ALL OUTFALLS BEEN LABELED ON THE EPSC PLAN SHEETS (5.5.1.f)?  YES  NO

4.2.3. HAVE ALL OUTFALLS BEEN LABELED ON A USGS TOPOGRAPHIC MAP INCLUDED IN THE "DOCUMENTATION AND PERMITS" BINDER (3.2.2.)?  YES  NO

4.2.4. WHERE POSSIBLE, HAS NON-PROJECT RUN-ON BEEN DIVERTED AROUND OR THROUGH THE PROJECT TO ELIMINATE CONTACT WITH DISTURBED AREAS OF THE PROJECT AND SEPARATE IT FROM PROJECT RUN-OFF THEREBY REDUCING THE DRAINAGE AREA OF TO THE OUTFALLS IN THIS AREA?  
 YES  NO  N/A

4.2.5. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN(S) OR SEDIMENT TRAP(S)? (5.5.3.5.)  
 YES  NO  N/A

4.2.6. A SEDIMENT BASIN, OR EQUIVALENT MEASURE(S) WILL BE PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA:

OF TEN ACRES OR MORE FOR AN OUTFALL(S) THAT DOES NOT DISCHARGE TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS (ETW). A TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURES THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR/ 24-HOUR STORM EVENT, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (5.5.3.5)  
OR

OF FIVE ACRES OR MORE FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS (ETW). A TEMPORARY (OR PERMANENT) SEDIMENT BASIN THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/ 24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (6.4.1.e).

ALL CALCULATIONS RELATED TO DRAINAGE AREAS, RUNOFF COEFFICIENTS, BASIN VOLUMES AND EQUIVALENT CONTROL MEASURES MUST BE PROVIDED IN THE SWPPP (5.5.3.5.)

4.2.7. A SEDIMENT TRAP, OR EQUIVALENT MEASURE(S) WILL BE PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA:

OF 3.5 - 4.9 ACRES FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR EXCEPTIONAL TENNESSEE WATERS (ETW). A SEDIMENT TRAP THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (6.4.1.f).

IN BOTH INSTANCES, THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS.

4.2.8. SEDIMENT STRUCTURES TREATING DRAINAGE AREAS IN EXCESS OF 25 ACRES REQUIRE A SITE-SPECIFIC DESIGN THAT ACCURATELY DEFINES THE SITE HYDROLOGY, SITE-SPECIFIC SEDIMENT LOADING, HYDRAULICS OF THE SITE, AND ADHERES TO ALL TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK DESIGN RECOMMENDATIONS FOR SEDIMENT BASINS. (5.5.3.5.)

4.3. WETLAND INFORMATION

WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WETLANDS?  YES  NO

IF YES, THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND IN THE WATER QUALITY PERMITS.

| WETLAND INFORMATION |                       |                     |                        |                        |
|---------------------|-----------------------|---------------------|------------------------|------------------------|
| TDOT WETLAND LABEL  | FROM STATION LT OR RT | TO STATION LT OR RT | TEMPORARY IMPACTS (AC) | PERMANENT IMPACTS (AC) |
| N/A                 | N/A                   | N/A                 | N/A                    | N/A                    |

4.4. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (1.3.j)

4.4.1. IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAT MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND HABITAT ALTERATION?  
 YES  NO

4.4.2. IF YES, IS THIS PROJECT LOCATED WITHIN A HUC-12 SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)?  
 YES  NO

4.4.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A 303(d) LISTED STREAM FOR SILTATION?  
 YES  NO

IF YES, SWPPP INCORPORATES MEASURES OR CONTROLS CONSISTENT WITH THE ASSUMPTIONS AND REQUIREMENTS OF THE TMDL.

4.5. ECOLOGY INFORMATION (3.5.5.e)

DOES THE TDOT ENVIRONMENTAL BOUNDARIES REPORT SPECIFY SPECIAL NOTES TO BE ADDED TO THE PLAN SHEETS?  
 YES  NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) N/A.

4.6. ENVIRONMENTAL COMMITMENTS

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?  
 YES  NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) N/A.

5. **EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.)**

5.1. EPSC MEASURES MUST BE DESIGNED, INSTALLED AND MAINTAINED TO CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE EROSION (4.1.1).

5.2. EPSC MEASURES MUST CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOWS AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS, STREAM CHANNELS, AND STREAM BANKS. (4.1.1)

5.3. HAVE THE CONTROL MEASURES BEEN DESIGNED PER THE SIZE AND SLOPE OF THE DISTURBED DRAINAGE AREA (5.5.3.5.)?  
 YES  NO

5.4. THE CONTROL MEASURES HAVE, AT A MINIMUM, BEEN DESIGNED FOR THE 5-YEAR, 24 HOUR STORM EVENT (5.5.3.5., 6.4.1.b).

5.5. ARE THE LIMITS OF DISTURBANCE CLEARLY MARKED ON THE EPSC PLANS (5.5.1.f)?  YES  NO

5.6. AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD BEFORE CONSTRUCTION ACTIVITIES BEGIN.

5.7. UNLESS OTHERWISE NOTED IN THE PLANS, THE CONTRACTOR SHALL NOT CLEAR/DISTURB ANY AREA BEYOND 15 FEET FROM SLOPE LINES OR ROW/ EASEMENT LINE, WHICHEVER IS LESSER.

5.8. CLEARING, GRUBBING, AND OTHER DISTURBANCE TO RIPARIAN VEGETATION SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR SLOPE CONSTRUCTION AND EQUIPMENT OPERATIONS. EXISTING VEGETATION, INCLUDING STREAM AND WETLAND BUFFERS (UNLESS PERMITTED), SHOULD BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE. UNNECESSARY VEGETATION REMOVAL IS PROHIBITED.

5.9. HAS A THREE STAGED EPSC PLAN BEEN PREPARED FOR THE PROJECT (5.5.2.)?  
YES  NO

**PLEASE NOTE THAT A THREE STAGED EPSC PLAN IS REQUIRED FOR ALL TDOT PROJECTS FOR WHICH AN NPDES PERMIT IS REQUIRED.**

5.10. STEEP SLOPES ARE DEFINED AS A NATURAL OR CREATED SLOPE OF 35% GRADE OR GREATER REGARDLESS OF HEIGHT. HAVE STEEP SLOPES BEEN MINIMALLY DISTURBED AND/OR PROTECTED BY CONVEYING RUNOFF NON-EROSIVELY AROUND OR OVER THE SLOPE (5.5.3.4.) (10. "STEEP SLOPE")?  YES  NO  N/A

5.11. THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE AQUATIC RESOURCE ALTERATION (ARAP) PERMIT OR SECTION 401 CERTIFICATION (5.5.1.h). REFER TO THE LIST OF APPLICABLE ENVIRONMENTAL PERMITS LOCATED ON SWPPP SHEET S-7. ALL PERMITS WILL BE MAINTAINED ON SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

5.12. THE EPSC CONTROL MEASURES LISTED IN THE QUANTITIES TABLE ON SHEET 12 HAVE BEEN SELECTED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES (5.1., 5.5.3.1.b, 5.5.3.5.).

- 5.13. EPSC MEASURES SHALL BE INSTALLED PER TDOT STANDARDS (i.e. STANDARD DRAWINGS) AND SHALL BE FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS.
- 5.14. EPSC MEASURES WILL NOT BE INSTALLED WITHIN A STREAM WITHOUT FIRST OBTAINING APPROVAL FROM THE PERMITS SECTION.
- 5.15. TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE A PRECIPITATION EVENT.
- 5.16. EPSC MEASURES LOCATED IN WOTUS (EPHEMERAL STREAMS) MUST BE CONSIDERED TEMPORARY AND SHALL BE REMOVED AT THE END OF CONSTRUCTION.
- 5.17. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT OFF THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.), INTO WATERS OF THE STATE/U.S., OR ONTO ROADWAYS USED BY THE PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED TO A LEVEL SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT. SEDIMENT THAT MIGRATES INTO WATERS OF THE STATE/US SHALL NOT BE REMOVED WITHOUT GUIDANCE FROM TDOT ENVIRONMENTAL PERSONNEL.
- 5.18. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION EXIT (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.
- 5.19. THE QUANTITIES REQUIRED FOR STABILIZED CONSTRUCTION EXITS PER TDOT STANDARDS HAVE BEEN SPECIFIED ON SHEET Z (5.5.3.1.j).
- 5.20. DISCHARGES FROM DEWATERING ACTIVITIES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF TREATMENT (FILTRATION) NECESSARY TO COMPLY WITH PERMIT REQUIREMENTS. (4.1.3.).
- 5.21. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT.
- 5.22. DISCHARGES FROM SEDIMENT BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE, WELL- VEGETATED AND/OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. (5.5.3.5.).
- 5.23. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.
- 5.24. WATER DISCHARGED FROM DEWATERING ACTIVITIES SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD WITHIN SETTLING BASINS UNTIL IT IS AT LEAST AS CLEAR AS THE RECEIVING WATERS.
- 5.25. DEWATERING STRUCTURES, SEDIMENT FILTER BAGS, SEDIMENT BASINS AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (60 FEET DESIRABLE VEGETATIVE BUFFER) FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) AND 15 FEET (30 FEET DESIRABLE VEGETATIVE BUFFER) FOR ALL OTHER FEATURES FROM THE TOP BANK OF A STREAM, WOTUS (EPHEMERAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED.
- 5.26. STABILIZATION PRACTICES: PRE-CONSTRUCTION VEGETATIVE COVER WILL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 2 WEEKS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED (5.5.3.5.f).

- 5.27. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS POSSIBLE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY OR PERMANENT STABILIZATION WILL BE COMPLETED WITHIN 2 WEEKS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE (5.5.3.4.).
- 5.28. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE
- 5.29. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.
- 5.30. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 1 WEEK AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (5.5.3.4.).

**6. FLOCCULANTS (3.5.3.1.b)**

IS ADDITIONAL PHYSICAL OR CHEMICAL TREATMENT OF STORMWATER RUNOFF NECESSARY (5.5.3.5.)?  YES  NO

IF YES, THE FOLLOWING NOTES APPLY:

- 6.1. ENSURE THE FLOCCULANT EMULSIONS AND POWDERS ARE OF THE ANIONIC TYPE (5.5.3.5.). AND MEET THE FOLLOWING REQUIREMENTS:
  - 6.1.1. MEETS THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR GREATER THAN 0.005% ACRYLAMIDE MONOMER.
  - 6.1.2. HAS A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLE (MILLIGRAM PER MOLE).
  - 6.1.3. MIXTURE IS NON-COMBUSTIBLE.
  - 6.1.4. CONTAINS ONLY MANUFACTURER'S RECOMMENDED ADDITIVES.
- 6.2. FLOCCULANT SHALL BE MIXED AND APPLIED IN ACCORDANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) MATERIAL SAFETY DATA SHEET REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED USES CONFORMING TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.
- 6.3. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT WHICH VERIFIES ACCEPTABLE TOXICITY PARAMETERS WHICH MEET OR EXCEED THE EPS REQUIREMENTS FOR THE STATE AND FEDERAL WATER QUALITY STANDARDS. WHOLE EFFLUENT TESTING DOES NOT MEET THIS REQUIREMENT AS PRIMARY REACTIONS HAVE OCCURRED AND TOXIC POTENTIALS HAVE BEEN REDUCED. CATIONIC FORMS OF FLOCCULANTS ARE NOT ALLOWED UNDER THIS SECTION DUE TO HIGH LEVELS OF TOXICITY TO AQUATIC ORGANISMS. FLOCCULANT EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS DUE TO SURFACTANT TOXICITY. THE CONTRACTOR MUST SEEK THE APPROVAL OF THE EPSC DESIGN ENGINEER AND TDOT IF CHITOSAN IS PROPOSED FOR THIS PROJECT.
- 6.4. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL SUPPLY WRITTEN "SITE SPECIFIC" TESTING RESULTS DEMONSTRATING A PERFORMANCE OF 95% OR GREATER REDUCTION OF NTU OR TSS FROM STORMWATER DISCHARGES.
- 6.5. EMULSION BATCHES SHALL BE MIXED FOLLOWING RECOMMENDATIONS OF THE TESTING LABORATORY THAT DETERMINES THE PROPER PRODUCT AND RATE TO MEET SITE REQUIREMENTS. APPLICATION METHODS SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN BUFFERS.
- 6.6. FLOCCULANT POWDER MAY BE APPLIED BY A HAND OR MECHANICAL SPREADER. MIXING OF THE FLOCCULANT POWDER WITH DRY SILICA SAND WILL AID IN SPREADING.
- 6.7. PREMIXING OF FLOCCULANT POWDER INTO FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS IS ALLOWED WHEN SPECIFIED IN THE DESIGN PLAN. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.
- 6.8. FLOCCULANT LOGS OR BLOCKS SHALL BE APPLIED FOLLOWING SITE TESTING RESULTS TO ENSURE PROPER PLACEMENT AND PERFORMANCE AND SHALL MEET OR EXCEED STATE AND FEDERAL WATER QUALITY REQUIREMENTS.

- 6.9. DO NOT APPLY FLOCCULANTS DIRECTLY TO, OR WITHIN 60 FEET, OF ANY STREAMS, WETLANDS, OR OTHER NATURAL WATER RESOURCE LOCATED ON OR ADJACENT TO THE CONSTRUCTION SITE. DO NOT APPLY FLOCCULANTS DIRECTLY INTO WATERS CONTAINED WITHIN SEDIMENT PONDS OR TO SLOPES THAT PRODUCE RUNOFF DIRECTLY INTO A STREAM, WETLAND, OR OTHER NATURAL WATER RESOURCE. DO NOT APPLY FLOCCULANTS IMMEDIATELY AT A STORMWATER OUTFALL WHERE RUNOFF LEAVES THE PROJECT LIMITS.

**7. UTILITY RELOCATION**

ARE UTILITIES INCLUDED IN THE CONTRACT?  YES  NO

IF YES, THE FOLLOWING APPLY:

- 7.1. STORMWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND TREATED PRIOR TO DISCHARGE.
- 7.2. SILT FENCE SHALL BE INSTALLED ON THE DOWNGRADIENT SIDE OF STOCKPILED SOIL. ANY TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING DRY CONDITIONS, REMOVED AND STABILIZED BY THE END OF THE WORK DAY.
- 7.3. UTILITY CROSSINGS IN ENVIRONMENTAL FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. ENVIRONMENTAL PERMITS APPLY TO UTILITIES IN THIS PROJECT. THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS.
- 7.4. IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR TO PROTECT EXPOSED EARTH FROM EROSION AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE EPSC MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME, SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.
- 7.5. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN FOURTEEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOILS OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EPSC MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL THE TRENCH IS BACKFILLED.
- 7.6. IN REGARDS TO EPSC, TDEC REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS ON THIS PROJECT. THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT.
- 7.7. TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORMWATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EPSC MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.
- 7.8. FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EPSC MEASURES SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH PERMANENT VEGETATIVE COVER.
- 7.9. THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS AS APPROVED BY THE TDOT RESPONSIBLE PARTY.
- 7.10. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EPSC MEASURES TO REPLACE ONSITE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT ENGINEER BEFORE COMMENCING WORK.
- 7.11. FOR UTILITY CROSSINGS THAT UTILIZE HORIZONTAL DIRECTIONAL DRILLING THE FOLLOWING SHALL APPLY:
  - 7.11.1. THE ENTRY AND EXIT POINTS SHALL BE AT LEAST 50 FEET FROM THE STREAM BANK OR WETLAND BOUNDARY.
  - 7.11.2. THE DEPTH OF BORE BELOW THE STREAMBED IS SUFFICIENT TO PREVENT RELEASE OF DRILLING FLUID, BASED ON THE PARENT MATERIAL.

7.11.3. A SITE-SPECIFIC CONTINGENCY AND CONTAINMENT PLAN FOR INADVERTENT RELEASE OF DRILLING FLUID SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT OF WORK. THIS PLAN SHALL BE SUBMITTED TO THE TDOT PROJECT ENGINEER AND THE TDOT ENVIRONMENTAL DIVISION PERMITS AND/OR COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW AND APPROVAL.

**8. MAINTENANCE AND INSPECTION**

- 8.1. INSPECTION PRACTICES (5.5.3.9.)
  - 8.1.1. PROJECT EPSC INSPECTORS AND ENGINEERS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE, AND/OR REPAIR OF EPSC MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENTS (5.5.3.10.):
    - 8.1.1.1. SUCCESSFULLY COMPLETED THE TDOT EPSC INSPECTIONS TRAINING AND ANY RECERTIFICATION COURSE AS REQUIRED.
    - 8.1.1.2. SUCCESSFULLY COMPLETED THE TDEC "LEVEL I - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL" COURSE AND ANY RECERTIFICATION COURSES AS REQUIRED.
    - 8.1.1.3. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT.
    - 8.1.1.4. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).
    - 8.1.1.5. SUCCESSFULLY COMPLETED TDEC "LEVEL II - DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY RECERTIFICATION COURSE AS REQUIRED.
  - 8.1.2. THE TDOT CONSTRUCTION ENGINEER (OR THEIR DULY AUTHORIZED REPRESENTATIVE) AND THE CONTRACTOR'S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT CONSTRUCTION ENGINEER OR THEIR DULY AUTHORIZED REPRESENTATIVE SHALL COMPLETE THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.
  - 8.1.3. THE INSPECTOR SHALL CONDUCT PRE-CONSTRUCTION INSPECTIONS TO VERIFY AREAS THAT ARE NOT TO BE DISTURBED HAVE BEEN MARKED IN THE SWPPP AND IN THE FIELD BEFORE LAND DISTURBANCE ACTIVITIES BEGIN AND INITIAL MEASURES HAVE BEEN INSTALLED (10 "INSPECTOR") (5.5.1.f).
  - 8.1.4. EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT FORM AND THE TDEC CONSTRUCTION STORMWATER INSPECTION CERTIFICATION (TWICE-WEEKLY INSPECTIONS) FORM.
  - 8.1.5. OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.
  - 8.1.6. INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY CALENDAR WEEK AND AT LEAST 72 HOURS APART (5.5.3.11.a). A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE INSPECTIONS OF TDOT EPSC, NPDES AND WATER QUALITY PERMIT REQUIREMENTS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE.
  - 8.1.7. THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE BEEN TEMPORARILY STABILIZED UNTIL CONSTRUCTION ACTIVITIES RESUME WITH WRITTEN NOTIFICATION BY THE TDOT REGIONAL ENGINEER TO TDEC NASHVILLE CENTRAL OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE FREQUENCY AND JUSTIFICATION (5.5.3.11.a).

- 8.1.8. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL WILL BE INSPECTED (5.5.3.11.b).
- 8.1.9. THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC ARAP, USACE SECTION 404, AND TVA SECTION 26a PERMITS) FOR CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10 "INSPECTOR").
- 8.1.10. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISION(S) WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. REVISION(S) WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11.e AND 5.5.3.11.f).
- 8.1.11. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE "DOCUMENTATION AND PERMITS" BINDER. REPORTS WILL BE SUBMITTED TO THE TDOT PROJECT ENGINEER PER THE CONTRACT.
- 8.1.12. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET PERMANENT STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP.
- 8.1.13. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11.h).
- 8.2. DULY AUTHORIZED REPRESENTATIVE (8.7.3.)
 

THE PROJECT ENGINEER MAY DELEGATE AN INDIVIDUAL AND/OR CONSULTANT TO SIGN EPSC INSPECTIONS REPORTS. FOR SATISFYING SIGNATORY REQUIREMENTS FOR EPSC INSPECTION REPORTS, THE PROJECT ENGINEER AND NEWLY AUTHORIZED INDIVIDUAL ACCEPTING RESPONSIBILITY MUST COMPLETE AND SIGN THE TDOT CONSTRUCTION DIVISION EPSC DELEGATION OF AUTHORITY.
- 8.3. MAINTENANCE PRACTICES (5.1 AND 8.13.)
  - 8.3.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES. (5.1. AND 5.5.3.1.b)
  - 8.3.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  - 8.3.3. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE, MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE 24-HOUR TIMEFRAME, WRITTEN DOCUMENTATION PROVIDED BY THE CONTRACTOR SHALL BE PLACED IN THE FIELD DIARY AND EPSC INSPECTION REPORT. AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION. (5.5.3.11.e).
  - 8.3.4. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC.) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). (5.5.3.1.d).
  - 8.3.5. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE.
  - 8.3.6. CHECK DAMS WILL BE INSPECTED FOR STABILITY. SEDIMENT WILL BE REMOVED WHEN DEPTH REACHES ONE-HALF (½) THE HEIGHT OF THE DAM.
  - 8.3.7. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS OF THE STATE/U.S.

- 8.3.8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EROSION CONTROL WILL BE REMOVED (5.5.3.7.a).
- 8.3.9. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, EROSION WASHOUTS, AND VIGOROUS GROWTH FREE OF SIGNIFICANT WEED INFESTATIONS.

**9. SITE ASSESSMENTS (5.5.3.8.)**

QUALITY ASSURANCE SITE ASSESSMENTS OF EROSION PREVENTION AND SEDIMENT CONTROLS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE GUIDELINES.

**10. STORMWATER MANAGEMENT (5.5.3.11.h)**

- 10.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE DEPICTED ON THE PLANS AND NOTED AS PERMANENT.
- 10.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6.c): N/A
- 10.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.)
 

CONSTRUCTION MATERIALS: THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

  - LUMBER, GUARDRAIL, TRAFFIC CONTROL DEVICES
  - CONCRETE WASHOUT
  - PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)
  - MINERAL AGGREGATES, ASPHALT
  - EARTH
  - LIQUID TRAFFIC STRIPING MATERIALS, PAINT
  - ROCK
  - CURING COMPOUND
  - EXPLOSIVES
  - OTHER \_\_\_\_\_

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.
- 10.4. WASTE MATERIALS (5.5.3.7.c)
 

WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE TDOT CONSTRUCTION CONTRACT AND FEDERAL AND STATE REGULATIONS. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S) CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.
- 10.5. HAZARDOUS WASTE (5.5.3.7.c) (8.8)
 

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S ON-SITE REPRESENTATIVE WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- 10.6. SANITARY WASTE (5.5.3.7.b)
 

PORTABLE SANITARY FACILITIES WILL BE PROVIDED ON ALL CONSTRUCTION SITES. SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL REGULATIONS. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- 10.7. OTHER MATERIALS
 

THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

- FERTILIZERS AND LIME
- PESTICIDES AND/OR HERBICIDES
- DIESEL AND GASOLINE
- MACHINERY LUBRICANTS (OIL AND GREASE)

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

**11. NON-STORMWATER DISCHARGES (5.5.3.12.)**

- 11.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT APPLY):
- DEWATERING OF WORK AREAS OF COLLECTED STORMWATER AND GROUND WATER.
  - WATERS USED TO WASH VEHICLES (OF DUST AND SOIL) WHERE DETERGENTS ARE NOT USED AND DETENTION AND/OR FILTERING IS PROVIDED BEFORE THE WATER LEAVES THE SITE.
  - WATER USED TO CONTROL DUST. (3.5.3.1.n)
  - POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING FROM WHICH CHLORINE HAS BEEN REMOVED TO THE MAXIMUM EXTENT PRACTICABLE.
  - UNCONTAMINATED GROUNDWATER OR SPRING WATER.
  - FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH POLLUTANTS.
  - OTHER: \_\_\_\_\_
- 11.2. ALL ALLOWABLE NON-STORMWATER DISCHARGES WILL BE DIRECTED TO STABLE DISCHARGE STRUCTURES PRIOR TO LEAVING THE SITE. FILTERING OR CHEMICAL TREATMENT MAY BE NECESSARY PRIOR TO DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.
- 11.3. THE DESIGN OF ALL IMPACTED EPSC MEASURES RECEIVING FLOW FROM ALLOWABLE NON-STORMWATER DISCHARGES MUST BE DESIGNED TO HANDLE THE VOLUME OF THE NON-STORMWATER COMPONENT.
- 11.4. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS WILL NOT BE PERMITTED ON-SITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- 11.5. ARE ANY DISCHARGES ASSOCIATED WITH INDUSTRIAL (NON-CONSTRUCTION STORMWATER) ACTIVITY EXPECTED (5.5.1.g)?
- YES  NO
- IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT NUMBER: \_\_\_\_\_

**12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c, 6.1)**

- 12.1. SPILL PREVENTION (5.5.3.7.c)
- 12.1.1. CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ON-SITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE TANKS WITH AGGREGATE STORAGE CAPACITY IN EXCESS OF 1,320 GALLONS SHALL HAVE SECONDARY CONTAINMENT.
- 12.1.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN AS REQUIRED BY TDOT SPECIAL PROVISION 107FP (REGARDING WATER QUALITY AND STORM WATER PERMITS) AND THE LAW PRIOR TO STORING 1320 GALLONS ON SITE.
- 12.1.3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ON-SITE AND A COPY PROVIDED TO THE TDOT CONSTRUCTION ENGINEER.
- 12.2. MATERIAL MANAGEMENT
- 12.2.1. HOUSEKEEPING
- ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ON-SITE BY THE CONTRACTOR. EXCEPT FOR BULK MATERIALS THE CONTRACTOR WILL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING WILL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHEN POSSIBLE, ALL PRODUCTS WILL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFF SITE. THE MANUFACTURER'S DIRECTIONS FOR

DISPOSAL OF MATERIALS AND CONTAINERS WILL BE FOLLOWED. THE CONTRACTOR'S SITE SUPERINTENDENT WILL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL. DUST GENERATED WILL BE CONTROLLED IN AN ENVIRONMENTALLY SAFE MANNER. VEGETATION AREAS NOT ESSENTIAL TO THE CONSTRUCTION PROJECT WILL BE PRESERVED AND MAINTAINED AS NOTED ON THE PLANS.

**12.2.2. HAZARDOUS MATERIALS**

PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS UNLESS THE CONTAINER IS NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED IN A SAFE PLACE TO RELAY IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S LABEL DIRECTIONS FOR DISPOSAL WILL BE FOLLOWED. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS WILL BE CONDUCTED ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WET WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONTO THE GROUND. WHEEL WASH WATER WILL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER WILL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM. POTENTIAL pH-MODIFYING MATERIALS SUCH AS: BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHINGS AND CURING WATERS, CONCRETE PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF STORMWATER RUNOFF.

**12.3. PRODUCT SPECIFIC PRACTICES**

- 12.3.1. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.
- 12.3.2. FERTILIZERS: FERTILIZERS WILL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED BY TDOT. ONCE APPLIED, FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. FERTILIZERS WILL BE STORED IN AN ENCLOSED AREA UNDER COVER. THE CONTENTS OF PARTIALLY USED FERTILIZER BAGS WILL BE TRANSFERRED TO SEALABLE CONTAINERS TO AVOID SPILLS.
- 12.3.3. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. THE EXCESS WILL BE DISPOSED OF PER THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- 12.3.4. CONCRETE TRUCKS: CONTRACTORS WILL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED AND NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. UPON COMPLETION OF CONSTRUCTION WASHOUT AREAS WILL BE PROPERLY STABILIZED.

**12.4. SPILL MANAGEMENT**

- IN ADDITION TO THE PREVIOUS HOUSEKEEPING AND MANAGEMENT PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP IF NECESSARY:
- 12.4.1. ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANGE OF LEAKAGE AND SPILLS.
- 12.4.2. FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- 12.4.3. APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.
- 12.4.4. ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR

APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

- 12.4.5. THE CONTRACTOR'S RESPONSIBLE PARTY WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- 12.4.6. IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING THE SITE AND ENTERING RECEIVING WATERS, PERSONNEL WILL RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.
- 12.4.7. IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- 12.4.8. IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.
- 12.5. SPILL NOTIFICATION (6.1)
- WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO, OR MORE THAN A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD:
- 12.5.1. THE TDOT PROJECT ENGINEER IS RESPONSIBLE FOR NOTIFYING THE REGIONAL PROJECT DEVELOPMENT OFFICE (E.G. TRANSPORTATION ENVIRONMENTAL STUDIES SPECIALIST) AS SOON AS HE OR SHE HAS KNOWLEDGE OF THE DISCHARGE.
- 12.5.2. THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE WILL NOTIFY THE LOCAL TDEC ENVIRONMENTAL FIELD OFFICE AND ANY OTHER APPLICABLE REGULATORY AGENCIES WITHIN 24 HOURS OF THE SPILL.
- 12.5.3. IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE AND CIRCUMSTANCES LEADING TO THE RELEASE, WHAT ACTIONS WERE TAKEN TO MITIGATE EFFECTS OF THE RELEASE, AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIATE TDEC ENVIRONMENTAL FIELD OFFICE WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE.
- 12.5.4. THE SWPPP MUST BE MODIFIED WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES.

**13. RECORD-KEEPING**

- 13.1. REQUIRED RECORDS
- TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (7.2.1.) (7.2.1.):
- 13.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
- 13.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.
- 13.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
- 13.1.4. RECORDS EPSC INSPECTION REPORTS AND CORRECTIVE MEASURES.
- 13.1.5. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS.
- 13.1.6. COPY OF SITE EPSC INSPECTOR'S CERTIFICATION AND/OR LICENSING

13.1.7. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS.

13.2. RAINFALL MONITORING PLAN (7.2.1.):

13.2.1. EQUIPMENT  
 AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE THAT MEASURES UP TO 6 INCHES OF RAINFALL. AN ENGLISH SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE ON THE OTHER FACE. GRADUATION WILL BE PERMANENTLY MOLDED IN DURABLE WEATHER-RESISTANT PLASTIC. THE MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT THE GAUGE ON A WOODEN SUPPORT.

13.2.2. LOCATION  
 THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT SITE, AS DEFINED IN THE NOI OF THE NPDES PERMIT, IN AN OPEN AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED BY OUTSIDE FACTORS (I.E. OVERHANGS, GUTTER, TREES, ETC.). AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED ALONG (AS MEASURED ALONG THE CENTERLINE OF THE PRIMARY ALIGNMENT) THE PROJECT WHERE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING IS ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED.

13.2.3. METHODS  
 RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL BE CHECKED FOR OPERATIONAL SOUNDNESS DAILY (DURING NORMAL BUSINESS HOURS) IN WET TIMES AND WEEKLY IN DRY TIMES. GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING.

13.2.4. EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF RAINFALL) AND EMPTIED AFTER EVERY RAINFALL EVENT OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE SAME TIME OF THE DAY (DURING NORMAL BUSINESS HOURS). DURING PERIODS OF DRY CONDITIONS, IT WILL NOT BE NECESSARY TO READ THE RAIN GAUGE EVERY DAY. IN LIEU OF THIS REQUIREMENT ON WEEKENDS AND ON STATE HOLIDAYS, THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY AND A REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION FOR THOSE DAYS. A REFERENCE SITE IS THE DOCUMENTATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE NOAA NATIONAL WEATHER SERVICE.

13.2.5. DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDE DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE DURATION (OR THE STARTING AND ENDING TIMES). THE RAINFALL RECORDS SHALL BE RECORDED ON THE TDOT RAINFALL RECORD SHEET AND SHALL BE MAINTAINED IN THE "DOCUMENTATION AND PERMITS" BINDER.

13.2.6. IF THE RAINFALL EVENT IS STILL IN PROGRESS AT THE DAILY RECORDING TIME, THE GAUGE WILL BE EMPTIED AND THE RECORD WILL INDICATE THAT THE STORM EVENT WAS STILL IN PROGRESS.

13.2.7. RAIN GAUGE INFORMATION (DETAILED RECORDS), INCLUDING THE LOCATION OF THE NEAREST OUTFALL, WILL BE RECORDED ON THE EPSC INSPECTION REPORT FORMS AT THE TIME OF MEASUREMENT.

13.3. KEEPING PLANS CURRENT (5.4.)

13.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.

13.3.2. THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL STAGES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC

PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS MUST BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

13.3.3. THE TDOT EPSC INSPECTOR OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN ANY OF THE FOLLOWING CONDITIONS APPLY:

13.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP;

13.3.3.2. WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS INDICATE THE SWPPP IS PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM CONSTRUCTION ACTIVITY SOURCES, OR IS OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY; WHERE LOCAL, STATE, OR FEDERAL OFFICIALS DETERMINE THAT THE SWPPP IS INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT EFFECT MUST BE RETAINED IN THE SWPPP;

13.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP;

13.3.3.4. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR PROPOSED THREATENED OR ENDANGERED AQUATIC FAUNA;

13.3.3.5. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS.

13.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

13.3.3.7. WHEN A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (SILTATION AND/OR HABITAT ALTERATION), CONSTRUCTION SHALL NOTIFY THE PERMITS SECTION FOR PROPER COORDINATION.

13.4. MAKING PLANS ACCESSIBLE

13.4.1. TDOT WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY OF THE "DOCUMENTATION AND PERMITS" BINDER AT THE CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TDEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION COMMENCES TO THE DATE OF PERMANENT STABILIZATION. TDOT WILL HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF OPERATORS AND THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE (7.2.).

13.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE PERMANENT STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (5.3.4.) (7.2.1.):

13.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT;

13.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, E-MAIL ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF THE LOCAL PROJECT SITE OWNER AND OPERATOR CONTACT;

13.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND

13.4.2.4. THE LOCATION OF THE SWPPP.

13.4.3. ALL INFORMATION DESCRIBED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS

INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A LOCAL BUILDING. THE NOTICE MUST BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY.

13.5. NOTICE OF TERMINATION (9.0.)

13.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY PERMANENT STABILIZATION, THE TDOT REGIONAL ENGINEER WILL SUBMIT A NOTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TDEC CENTRAL OFFICE IN NASHVILLE, TN.

13.5.2. FOR THE PURPOSES OF THE CERTIFICATION REQUIRED BY THE NOT, THE ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE

13.5.2.1. ALL EARTH-DISTURBING ACTIVITIES ON THE SITE ARE COMPLETED AND ALL DISTURBED SOILS AT THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL HAVE BEEN PERMANENTLY STABILIZED; AND

13.5.2.2. ALL CONSTRUCTION MATERIALS, WASTE AND WASTE HANDLING DEVICES, AND ALL EQUIPMENT, AND VEHICLES THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED; AND

13.5.2.3. ALL STORMWATER CONTROLS THAT WERE INSTALLED AND MAINTAINED DURING CONSTRUCTION, EXCEPT THOSE THAT ARE INTENDED FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE, HAVE BEEN REMOVED; AND

13.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT GENERATING ACTIVITIES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND

13.5.2.5. THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ANY STORMWATER CONTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND

13.5.2.6. TEMPORARY EPSC MEASURES HAVE BEEN OR WILL BE REMOVED AT AN APPROPRIATE TIME TO ENSURE PERMANENT STABILIZATION IS MAINTAINED; AND

13.5.2.7. ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE IDENTIFIED SITE THAT ARE AUTHORIZED BY A NPDES GENERAL PERMIT HAVE OTHERWISE BEEN ELIMINATED FROM THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL.

13.6. RETENTION OF RECORDS (7.1.)

TDOT WILL RETAIN COPIES OF THE SWPPP, ALL REPORTS REQUIRED BY THE PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR THE PROJECT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THE NOT WAS FILED.

**14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (8.7.5.)**

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED BY ME, OR UNDER MY DIRECTION OR SUPERVISION. THE SUBMITTED INFORMATION IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.



\_\_\_\_\_  
AUTHORIZED TDOT PERSONNEL SIGNATURE (5.3.3.)

Robbie Stephens  
\_\_\_\_\_  
PRINTED NAME

Statewide Transportation Engineer  
\_\_\_\_\_  
TITLE

February 24, 2026  
\_\_\_\_\_  
DATE

**15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.)**

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS DOCUMENT, ANY ATTACHMENTS, AND THE SWPPP REFERENCED ABOVE. BASED ON MY INQUIRY OF THE CONSTRUCTION SITE OWNER/DEVELOPER IDENTIFIED ABOVE AND/OR MY INQUIRY OF THE PERSON DIRECTLY RESPONSIBLE FOR ASSEMBLING THIS NOI AND SWPPP, I BELIEVE THE INFORMATION SUBMITTED IS ACCURATE. I AM AWARE THAT THIS NOI, IF APPROVED, MAKES THE ABOVE-DESCRIBED CONSTRUCTION ACTIVITY SUBJECT TO NPDES PERMIT NUMBER TNR100000, AND THAT CERTAIN OF MY ACTIVITIES ONSITE ARE THEREBY REGULATED. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS, AND FOR FAILURE TO COMPLY WITH THESE PERMIT REQUIREMENTS. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

\_\_\_\_\_  
AUTHORIZED CONTRACTOR PERSONNEL SIGNATURE (5.3.3.)

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

**16. ENVIRONMENTAL PERMITS (1.5.2.)**

LIST ALL ENVIRONMENTAL PERMITS AND EXPIRATION DATES FOR PROJECT (TO BE COMPLETED AT THE ENVIRONMENTAL PRECONSTRUCTION MEETING BY TDOT CONSTRUCTION OR THEIR DULY AUTHORIZED REPRESENTATIVE):

| ENVIRONMENTAL PERMITS      |           |                        |                  |
|----------------------------|-----------|------------------------|------------------|
| PERMIT                     | YES OR NO | PERMIT OR TRACKING NO. | EXPIRATION DATE* |
| TDEC ARAP                  |           |                        |                  |
| CORPS OF ENGINEERS (USACE) |           |                        |                  |
| TVA 26A                    |           |                        |                  |
| TDEC CGP                   |           |                        |                  |
| OTHER:                     |           |                        |                  |

\*THE TDOT ENVIRONMENTAL DIVISION MUST BE NOTIFIED SIX MONTHS PRIOR TO PERMIT EXPIRATION DATE.

17. **OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)**

| OUTFALL LABEL | SUB OUT-FALL | STATION CL, LT OR RT | SLOPE WITHIN ROW (%) | STAGE 1 DRAINAGE AREA (AC) | STAGE 2 DRAINAGE AREA (AC) | STAGE 3 DRAINAGE AREA (AC) | SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR N/A) | SEDIMENT TRAP OR EQUIVALENT MEASURE(S) (YES, NO OR N/A) | RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER | COMMENTS     |
|---------------|--------------|----------------------|----------------------|----------------------------|----------------------------|----------------------------|--|---|--|--------------|
| OUT-1         |              | 62+91.00 RT          | 2.95                 | 0.31                       | 0.31                       | 0.31                       | N/A  | N/A   | OTHER  | Turkey Creek |
| OUT-2         |              | 63+75.00 LT          | 3.57                 | 1.22                       | 1.22                       | 1.22                       | N/A  | N/A   | OTHER  | Turkey Creek |
| OUT-3         |              | 70+00.00 LT          | 2.29                 | 1.78                       | 1.78                       | 1.78                       | N/A  | N/A   | OTHER  | Turkey Creek |

ALL UNUSED FIELDS WITHIN THE OUTFALL TABLE ARE TO BE SHADED, HATCHED, OR REMOVED TO INDICATE THEIR NON-USAGE.

20-NOV-2025 10:45 \\AG03SDCWF00008.net.ads.state.tn.us\13\SHARED\UTILITY\REGION 4\UTILITY PROJECTS\COUNTIES\CHESTER\120069.00\fileNet\120069-00-Chester-SR-100-at SR225-U1.dgn

|      |      |               |           |
|------|------|---------------|-----------|
| TYPE | YEAR | PROJECT NO.   | SHEET NO. |
| PS&E | 2026 | PHSIP-100(68) | U1-1      |
|      |      |               |           |
|      |      |               |           |

| Index Of Sheets  |           |
|--|-----------|
| SHEET NAME   | SHEET NO. |
| UTILITIES INDEX, UTILITIES OWNERS, AND UTILITIES SHEETS: | U1-1      |
|  |           |
|  |           |
|  |           |
|  |           |
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|  |           |
| PIN: 120069.00   |           |

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

# CHESTER COUNTY

SR-100  
INTERSECTION AT SR-225, L.M. 7.78

STATE HIGHWAY NO. 100 F.A.H.S. NO. N/A

| CONTRACT TYPE  | UTILITY                  | UTILITY OWNERS & CONTACTS:  |
|----------------|--------------------------|---|
| NO<br>COST     | TELEPHONE<br>FIBER OPTIC | AT&T<br>DANIEL POTTS<br>315 E. COLLEGE STREET<br>JACKSON, TN. 38301<br>901-488-2359<br>dp7607@att.com   |
| NO<br>CONFLICT | GAS<br>WATER             | HENDERSON UTILITY DEPARTMENT<br>DARRYL GREEN<br>121 CROOK AVENUE<br>HENDERSON, TN 38340<br>731-983-5020/ 731-608-3738<br>dgreen@hendersontn.gov |
| NO<br>CONFLICT | FIBER OPTIC<br>ELECTRIC  | STEMC<br>JOSHUA KENNEDY<br>1009 E. MAIN STREET<br>BROWNSVILLE, TN 38012<br>731-585-0531<br>projects@stemc.com                                   |

**SEALED BY**

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

UTILITY INDEX  
AND  
UTILITY OWNERS

SPECIAL NOTES

SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE SYSTEM, INC. AT 1-800-351-1111.