TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-1

SWPPP INDEX OF SHEETS

NOTE: CITATIONS IN PARENTHESIS INDICATE SECTIONS OF THE CURRENT CGP.

1. SWPPP REQUIREMENTS (3.0)

1.1. HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (3.1.1)?

☒ 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

1.2. DO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, HYDROLOGIC OR OTHER ENGINEERING CALCULATIONS FOR EPSC STRUCTURAL MEASURES (E.G. SEDIMENT BASINS) (3.1.1)? YES ☐ NO ☒

IF YES, HAVE THE EPSC PLANS BEEN PREPARED, STAMPED AND CERTIFIED BY A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT? ☒ YES ☐ NO

1.3. DO THE PROJECT STORMWATER OUTFALLS DIRECTLY DISCHARGE INTO THE FOLLOWING (5.4.1)? ☒ YES (CHECK ALL THAT APPLY BELOW) ☐ NO

- ☒ WATERS WITH UNAVAILABLE PARAMETERS (303d FOR SILTATION OR HABITAT ALTERATION)
- ☐ EXCEPTIONAL TENNESSEE WATERS

IF YES TO SECTION 1.3, HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (5.4.1.b)?

☒ YES (CHECK ALL THAT APPLY BELOW) ☐ NO

- ☐ CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC)
- ☒ A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT
- ☒ HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE

2. SITE DESCRIPTION (3.5.1)

2.1. PROJECT LIMITS (3.5.1.h): REFER TO TITLE SHEET

2.2. PROJECT DESCRIPTION (3.5.1.a):

TITLE: SR-56, FROM SOUTH OF SR-288 NEAR MAGNESS ROAD TO EAST BRYANT STREET IN SMITHVILLE
COUNTY: DEKALB
PIN: 100263.00

2.3. SITE MAP(S) (2.6.2.): REFER TO TITLE SHEET

2.4. DESCRIPTION OF EXISTING SITE TOPOGRAPHY (3.5.1.d): REFER TO EXISTING CONTOURS SHEET(S) 69A-69Z, DRAINAGE MAP SHEET(S) 43A-43E, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.3.

2.5. MAJOR SOIL DISTURBING ACTIVITIES (3.5.1.b) (CHECK ALL THAT APPLY):

- ☒ CLEARING AND GRUBBING
- ☒ EXCAVATION
- ☒ CUTTING AND FILLING
- ☒ FINAL GRADING AND SHAPING
- ☒ UTILITIES
- ☐ OTHER (DESCRIBE): ____

2.6. TOTAL PROJECT AREA (3.5.1.c): 131.6 ACRES

2.7. TOTAL AREA TO BE DISTURBED (3.5.1.c): 131.6 ACRES

2.8. NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT.

2.9. ARE THERE ANY SEASONAL LIMITATIONS ON WORK? ☐ YES ☒ NO

IF YES, LIST THE CORRESPONDING PLAN SHEET: ____

2.10. 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)

2.11. SOIL PROPERTIES (3.5.1.f) (4.1.1).

SOIL PROPERTIES FOR THE PRIMARY SOILS ARE LISTED IN THE TABLE BELOW.

SOIL PROPERTIES

PRIMARY SOIL NAME	HSG	% OF SITE	ERODIBILITY (k value)
BODINE GRAVELLY SILT LOAM, 5 TO 20 PERCENT SLOPES	A	1.7%	0.24
BODINE GRAVELLY SILT LOAM, 20 TO 40 PERCENT SLOPES	A	0.5%	0.24
CHRISTIAN SILT LOAM, 5 TO 12 PERCENT SLOPES, ERODED	B	6.4%	0.37
CHRISTIAN SILTY CLAY, 5 TO 12 PERCENT SLOPES, SEVERELY ERODED	B	1.9%	0.28
DICKSON SILT LOAM, 0 TO 2 PERCENT SLOPES	C/D	1.1%	0.43
DICKSON SILT LOAM, 2 TO 5 PERCENT SLOPES	C/D	29.5%	0.43
ENNIS CHERTY SILT LOAM	A	3.0%	0.17
ENNIS SILT LOAM	B	2.9%	0.37
ETOWAH CHERTY SILT LOAM, 2 TO 12 PERCENT SLOPES	B	5.6%	0.2
ETOWAH SILT LOAM, 2 TO 5 PERCENT SLOPES	B	6.9%	0.32
FULLERTON CHERTY SILT LOAM, 5 TO 12 PERCENT SLOPES, ERODED	B	9.9%	0.17
FULLERTON CHERTY SILT LOAM, 12 TO 25 PERCENT SLOPES, ERODED	B	0.9%	0.17
GUTHRIE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY PONDED	C/D	0.5%	0.32
LOBELVILLE CHERTY SILT LOAM	B/D	2.2%	0.24
LOBELVILLE SILT LOAM	B/D	3.3%	0.43
MOUNTVIEW SILT LOAM, 2 TO 5 PERCENT SLOPES	C	13.1%	0.43
MOUNTVIEW SILT LOAM, 5 TO 12 PERCENT SLOPES	C	0.6%	0.43
SANGO SILT LOAM, 0 TO 2 PERCENT SLOPES	C/D	3.9%	0.55
TAFT SILT LOAM, 0 TO 2 PERCENT SLOPES	C/D	2.7%	0.32
WAYNESBORO LOAM, 2 TO 5 PERCENT SLOPES, ERODED	B	1.3%	0.32
WAYNESBORO LOAM, 5 TO 12 PERCENT SLOPES, ERODED	B	2.0%	0.28

2.12. IS ACID PRODUCING ROCK (APR) (i.e. PYRITE) LOCATED WITHIN THE PROJECT LIMITS? ☐ YES ☒ NO

2.12.1. IF YES TO SECTION 2.13, HAVE APR LOCATIONS BEEN IDENTIFIED WITHIN THE CONSTRUCTION PLANS AND/OR THE GEOTECHNICAL REPORT? ☐ YES ☐ NO; AND

2.12.2. 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.)

2.13. PROJECT RUNOFF COEFFICIENTS AND AREA PERCENTAGES (3.5.1.g).

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS

AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
IMPERVIOUS	16.5	12.5%	98	0.95
PERVIOUS	115.1	87.5%	80	0.35
WEIGHTED CURVE NUMBER OR C-FACTOR =			82.25	0.43

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS

AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
IMPERVIOUS	42	32%	98	0.95
PERVIOUS	89.6	68%	80	0.35
WEIGHTED CURVE NUMBER OR C-FACTOR =			85.8	0.54

3. ORDER OF CONSTRUCTION ACTIVITIES (3.5.1.b, 3.5.2.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.

3.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS NS-1 – NS-8)

3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

3.3. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM THE SITE.

3.4. 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.

3.5. PERFORM CLEARING AND GRUBBING (NOT MORE THAN 14 DAYS PRIOR TO GRADING OR EARTH-MOVING. REFER TO THE STABILIZATION PRACTICES BELOW.).

3.6. REMOVE AND STORE TOPSOIL.

3.7. STABILIZE DISTURBED AREAS WITHIN 14 DAYS OF COMPLETING ANY STAGE AND/OR PHASE OF ACTIVITY.

3.8. INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE STRUCTURES.

3.9. INSTALL INLET AND CULVERT PROTECTION ONCE STRUCTURES ARE IN PLACE AND CAPABLE OF INTERCEPTING FLOW.

3.10. PERFORM FINAL GRADING AND INSTALL BASE STONE.

3.11. COMPLETE FINAL PAVING AND SEALING OF CONCRETE.

3.12. INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.

3.13. COMPLETE FINAL STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION CONTROL BLANKET, SOD, ETC.)

3.14. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER.

3.15. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.

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

4.1. STREAM INFORMATION (3.5.1.j, 3.5.1.k)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

4.1.1. 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.

4.1.2. 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

☒ 303d WITH UNAVAILABLE PARAMETERS FOR HABITAT ALTERATION

☐ EXCEPTIONAL TENNESSEE WATERS (ETW)

4.1.3. RECEIVING WATERS OF THE STATE (3.5.1.k).

RECEIVING WATERS OF THE STATE INFORMATION

TDOT STATE WATER LABEL FROM EBR	NAME OF RECEIVING STATE WATER	303d WITH UNAVAILABLE PARAMETERS FOR SILTATION OR HABITAT ALTERATION (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)
STR-1	Pine Creek	No	No	Yes	Yes
STR-2	Cappy Springs	No	No	Yes	Yes
STR-3	Pine Creek	No	No	Yes	Yes
STR-4	Pine Creek	No	No	Yes	Yes
STR-5	Pine Creek	No	No	Yes	Yes
STR-6	Fall Creek	Yes	No	Yes	Yes
STR-7	Morgan Branch	No	No	Yes	Yes
STR-8	Morgan Branch	No	No	Yes	Yes
N/A	Central Branch	No	No	No	Yes
N/A	Murphy Branch	No	No	No	Yes

4.1.4. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WATERS OF THE STATE? (4.1.2, 5.4.2)

☒ 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) Yes.

IF YES, CHECK THE APPROPRIATE BOX BELOW FOR SIZE OF BUFFER.

☒ 60-FEET FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (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.

4.1.5. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS DUE TO A TDEC ARAP? (9.0)

☒ YES ☐ NO

4.1.6. ARE THERE WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2.1) ☐ YES ☒ NO

IF YES, EXISTING CONDITIONS DESCRIPTION:_____

4.1.7. 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. (5.4.2.)

4.1.8. 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.

4.1.9. 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. RECEIVING WATERS OF THE UNITED STATES (WOTUS) (EPHEMERAL)

WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WOTUS (EPHEMERAL)? ☒ YES ☐ NO

RECEIVING WOTUS (EPHEMERAL) INFORMATION

TDOT WOTUS LABEL	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN 15-FT OF THE PROJECT LIMITS (YES OR NO)
WWC-1 / EPH-1	YES	YES
WWC-2 / EPH-2	YES	YES
WWC-3 / EPH-3	YES	YES

4.2.1. ARE WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WOTUS (4.1.2)? ☐ YES ☒ NO

IF YES, A 15 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING EPHEMERAL STREAM IDENTIFIED AS A WOTUS (EPHEMERAL) BY THE U.S. ARMY CORPS OF ENGINEERS (USACE) OR THE ENVIRONMENTAL PROTECTION AGENCY SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE.

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) _____

4.2.2. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR WOTUS (EPHEMERAL) DUE TO A USACE PERMIT?

☒ YES ☐ NO

4.3. OUTFALL INFORMATION

4.3.1. OUTFALL TABLE (3.5.1.e). SEE SWPPP SHEET S-8-11 FOR OUTFALL INFORMATION.

4.3.2. HAVE ALL OUTFALLS BEEN LABELED ON THE EPSC PLAN SHEETS (3.5.1.h)? ☒ YES ☐ NO

4.3.3. HAVE ALL OUTFALLS BEEN LABELED ON A USGS TOPOGRAPHIC MAP INCLUDED IN THE "DOCUMENTATION AND PERMITS" BINDER (2.6.2)? ☒YES ☐ NO

4.3.4. 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

4.3.5. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN(S)? ☐ YES ☐ NO ☒ N/A

4.3.6. 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. 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 FINAL STABILIZATION OF THE SITE. (3.5.3.3)

OR

OF FIVE ACRES OR MORE FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS. 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 FINAL STABILIZATION OF THE SITE. (5.4.1.g).

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.

4.4. 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)
WTL-1	114+00 RT	116+00 RT	NONE	0.13
WTL-2	198+00 RT	200+00 RT	NONE	NONE
WTL-3	304+00 LT	306+90 LT	NONE	0.213
WTL-4	306+00 RT	307+00 RT	NONE	0.016

4.5. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (3.5.10)

4.5.1. IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAT MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND HABITAT ALTERATION?

☒YES ☐ NO

4.5.2. IF YES, IS THIS PROJECT LOCATED WITHIN A HUC-12 SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)?

☒ YES ☐ NO

4.5.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A 303(d) LISTED STREAM FOR SILTATION OR HABITAT ALTERATION?

☒ YES ☐ NO

4.5.4. IF YES, HAS A SUMMARY OF THE CONSULTATION LETTER BEEN SUBMITTED/RECEIVED?

☒ YES ☐ NO

4.6. 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) _____.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-3

4.7. ENVIRONMENTAL COMMITMENTS

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?

☒ YES ☐ NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) 69 A1.

5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (3.5.3)

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 (3.5.3.3)?

☒YES ☐ NO

5.4. THE CONTROL MEASURES HAVE, AT A MINIMUM, BEEN DESIGNED FOR THE 5-YEAR, 24 HOUR STORM EVENT (3.5.3.3, 5.4.1.a).

5.5. ARE THE LIMITS OF DISTURBANCE CLEARLY MARKED ON THE EPSC PLANS (3.5.1.h)? ☒ 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. HAVE STAGED EPSC PLANS BEEN PREPARED FOR THE PROJECT (3.5.2)?

YES ☒ NO ☐ (IF YES, CHECK ONE BELOW)

5.9.1. ☐ PROJECT DISTURBED AREA IS THAN LESS THAN 5 ACRES (MINIMUM OF TWO STAGES OF EPSC PLANS)

5.9.2. ☒ PROJECT DISTURBED AREA IS GREATER THAN 5 ACRES (MINIMUM OF THREE STAGES OF EPSC PLANS)

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 (3.5.3.2) (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 (3.5.1.j). 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 69A3 HAVE BEEN SELECTED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES (3.5.3.1.b).

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 69A3 (3.5.3.1.n).

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. (4.1.4).

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. (4.1.7).

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 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 14 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED (3.5.3.1.h).

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 14 DAYS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE (3.5.3.2).

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. A SOIL ANALYSIS SHALL BE PERFORMED PRIOR TO THE APPLICATION OF FERTILIZERS TO ANY PORTION OF THE STE. SOILS SHOULD BE ANALYZED FOR pH, BUFFER VALUE, PHOSPHOROUS, POTASSIUM, CALCIUM AND MAGNESIUM. SOIL SAMPLES SHOULD BE REPRESENTATIVE OF THE AREA FOR WHICH FERTILIZER WILL BE APPLIED. SAMPLE TYPE SHOULD BE COLLECTED AND ANALYZED IN ACCORDANCE WITH THE UT EXTENSION "SOIL TESTING" BROCHURE PB1061. (4.1.5.)

5.31. FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED FROM THE ANALYSES. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.

5.32. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (3.5.3.2).

6. FLOCCULANTS (3.5.3.1.b)

IS ADDITIONAL PHYSICAL OR CHEMICAL TREATMENT OF STORMWATER RUNOFF NECESSARY (5.4.1.a)? ☐ YES ☒ NO

IF YES, THE FOLLOWING NOTES APPLY:

6.1. POLYACRYLAMIDES (PAM) SHALL BE OF THE ANIONIC OR NEUTRALLY CHARGED TYPE ONLY. PAM REQUIREMENTS ARE AS FOLLOWS:

6.1.1. CATIONIC PAM IS NOT ALLOWED BECAUSE OF ITS TOXICITY TO FISH AND AQUATIC LIFE.

6.1.2. ANIONIC AND NEUTRALLY CHARGED PAM SHALL MEET THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR LESS THAN 0.05% BY WEIGHT ACRYLAMIDE MONOMER.

6.1.3. ANIONIC AND NEUTRALLY CHARGED PAM SHALL HAVE A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLES.

6.1.4. PAM MIXTURES SHALL BE NON-COMBUSTIBLE.

6.1.5. PAM SHALL CONTAIN ONLY MANUFACTURER-RECOMMENDED ADDITIVES.

6.2. ALL PHYSICAL AND/OR CHEMICAL TREATMENT WILL BE RESEARCHED, APPLIED IN ACCORDANCE WITH MANUFACTURE'S GUIDELINES AND FULLY DESCRIBED ON THE EPSC PLANS (3.5.3.1.b).

6.3. FLOCCULANTS SHALL BE HANDLED IN ACCORDANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) MATERIAL SAFETY DATA SHEET (MSDS) REQUIREMENTS AND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED USE CONFORMING TO ALL FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS.

6.4. ALL VENDORS AND SUPPLIERS OF FLOCCULANTS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT FOR BOTH ACUTE AND CHRONIC TOXICITY TESTS WHICH VERIFIES THAT THE FLOCCULANT EXHIBITS ACCEPTABLE TOXICITY PARAMETERS WHICH MEET OR EXCEED THE EPA 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.

6.5. 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.

6.6. BEFORE FLOCCULANTS CAN BE USED ON A CONSTRUCTION PROJECT, SITE-SPECIFIC SOIL SAMPLES MUST BE OBTAINED AND TESTED BY THE MANUFACTURER OR THEIR REPRESENTATIVE, TO IDENTIFY THE OPTIMUM FLOCCULANT TYPE AND APPLICATION RATE. SINCE FLOCCULANT EFFICACY IS HIGHLY DEPENDENT ON SOIL TYPE, SOIL SAMPLES WILL NEED TO BE OBTAINED FROM EACH SOIL HORIZON THAT WILL BE ACCESSED DURING EXCAVATION. FLOCCULANTS SHOULD BE APPLIED ON A CONSTRUCTION SITE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED APPLICATION OR DOSAGE RATE. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. DO NOT APPLY EMULSION FORMS OF FLOCCULANTS DIRECTLY TO STORMWATER RUNOFF OR TO STREAMS, WETLANDS, OR OTHER WATER RESOURCES DUE TO SURFACTANT TOXICITY.

6.7. FLOCCULANT POWDER MAY BE APPLIED BY A HAND SPREADER OR A MECHANICAL SPREADER. IF APPROVED BY THE MANUFACTURER, FLOCCULANT MAY BE MIXED WITH DRY SILICA SAND, FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS TO AID IN SPREADING. FLOCCULANTS MAY ALSO BE APPLIED WITH A WATER TRUCK OR AS PART OF HYDRO-

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SEEDING. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.

6.8. MANUFACTURER'S GUIDANCE SHOULD BE FOLLOWED FOR BLOCK, LOG AND SOCK SPACING CONFIGURATIONS. BEFORE FLOCCULANTS CAN BE USED ON A CONSTRUCTION PROJECT, SITE-SPECIFIC SOIL SAMPLES MUST BE OBTAINED AND TESTED BY THE MANUFACTURER OR THEIR REPRESENTATIVE, TO IDENTIFY THE OPTIMUM FLOCCULANT TYPE AND APPLICATION RATE. SINCE FLOCCULANT EFFICACY IS HIGHLY DEPENDENT ON SOIL TYPE, SOIL SAMPLES WILL NEED TO BE OBTAINED FROM EACH SOIL HORIZON THAT WILL BE ACCESSED DURING EXCAVATION. FLOCCULANTS SHOULD BE APPLIED ON A CONSTRUCTION SITE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED APPLICATION OR DOSAGE RATE.

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 FINAL 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 (3.5.8)

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 (3.5.8.1.):

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") (3.5.1.o).

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 (3.5.8.2.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 (3.5.8.2.a).

8.1.8. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY 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 (3.5.8.2.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 7 DAYS OF THE INSPECTION. REVISION(S) WILL BE IMPLEMENTED WITHIN 14 DAYS OF THE INSPECTION (3.5.8.2.e AND 3.5.8.2.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 FINAL 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 (3.5.8.2.h).

8.2. DULY AUTHORIZED REPRESENTATIVE (7.7.3)

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 (3.5.3.1 AND 3.5.7)

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. (3.5.3.1.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. (3.5.8.2.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%). (3.5.3.1.e).

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

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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 (3.5.3.1.f).

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 (3.1.2)

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 (3.5.4)

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 (3.5.4): SHEETS 69CA-69CZ

10.3. OTHER ITEMS NEEDING CONTROL (3.5.5)

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 (3.5.5.b)

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 (3.5.5.c) (7.9)

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 (3.5.5.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 (3.5.9)

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 (3.5.1.i)?

☐ YES ☒ NO

IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT NUMBER: _____

12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (3.5.5.c, 5.1)

12.1. SPILL PREVENTION (3.5.5.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.

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 NEEDED PRODUCTS WILL 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 WILL BE KEPT 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 THE SOIL ANALYSIS OR 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. 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. 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.

12.4.2. APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE AND UNDER COVER. AS APPROPRIATE, EQUIPMENT AND MATERIALS MAY INCLUDE ITEMS SUCH AS BOOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES.

STATE OF TENNESSEE
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12.4.3. ALL SPILLS WILL 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.

12.4.4. 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.

12.4.5. 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.

12.4.6. 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.

12.4.7. IF A SPILL OCCURS THE CONTRACTOR'S SITE SUPERINTENDENT SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT CONSTRUCTION ENGINEER AND/OR PROJECT ENGINEER. 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.

12.4.8. APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL 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.

12.5. SPILL NOTIFICATION (5.1)

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 14 DAYS OF KNOWLEDGE OF THE RELEASE.

12.5.4. THE SWPPP MUST BE MODIFIED WITHIN 14 DAYS 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 (3.5.3.1.m) (4.1.5.) (6.2.1):

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. COPY OF REQUIRED SOIL ANALYSIS

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

13.2. RAINFALL MONITORING PLAN (3.5.3.1.o):

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 (3.4)

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 7 DAYS 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 FINAL 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 (6.2).

13.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE FINAL STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (3.3.3) (6.2.1):

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-7

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 (8.0)

13.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY FINAL 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 FINALLY 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 FINAL 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 (6.2)

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 (7.7.5)

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.

Scott Medlin Digitally signed by Scott Medlin DN: cn=Scott Medlin, o=TDOT, ou=Region 2 Environmental Tech Office, email=Scott.Medlin@tn.gov, c=US Date: 2018.09.27 11:38:20 -04'00'

AUTHORIZED TDOT PERSONNEL SIGNATURE (3.3.1)

Scott Medlin

PRINTED NAME

Transportation Manager 2

TITLE

27 SEP 2018

DATE

15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (7.7.6)

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 TDOT PERSONNEL SIGNATURE (3.3.1)

PRINTED NAME

TITLE

DATE

16. ENVIRONMENTAL PERMITS (9.0)

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	YES	NRS 18.068	August 13, 2023
CORPS OF ENGINEERS (USACE)	YES	LRN-2009-00721	March 18, 2022
TVA 26A	NO	N/A	N/A
TDEC CGP	YES	PENDING	
OTHER:	N/A	N/A	N/A

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-8

OUTFALL TABLE (3.5.1.d, 5.4.1.g)

		STAGE 1		STAGE 2		STAGE 3		STAGE 4				
OUTFALL LABEL	STATION CL, LT, OR RT	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	SEDIMENT BASIN /EQV. (YES, NO, N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
OUT-1	112+50 LT	-	-	0.56	2.30%	0.56	2.30%	0.56	2.30%	N/A	Central Branch	
OUT-2	112+50 RT	-	-	0.24	2.38%	0.24	2.38%	0.24	2.38%	N/A	Central Branch	
OUT-3	112+50 RT	0.62	1.07%	1.02	2.85%	0.47	2.66%	0.47	2.66%	N/A	Central Branch	
OUT-5	127+00 LT	-	-	-	-	0.68	3.53%	0.68	3.53%	N/A	WWC-1	
OUT-6	128+50 RT	-	-	-	-	1.38	2.59%	1.38	2.59%	N/A	WWC-1	
OUT-6A	128+50 RT	-	-	-	-	0.37	4.86%	0.37	4.86%	N/A	WWC-1	
OUT-6B	128+50 RT	-	-	-	-	5.60	6.88%	5.65	6.91%	N/A	WWC-1	
OUT-7	129+00 RT	-	-	0.22	1.45%	0.22	1.45%	0.22	1.45%	N/A	WWC-1	
OUT-8	129+00 RT	-	-	1.22	2.96%	0.17	4.54%	0.17	4.54%	N/A	WWC-1	
OUT-9	131+50 LT	-	-	6.85	2.41%	6.85	2.41%	6.85	2.41%	N/A	WWC-2	
OUT-10	133+00 RT	-	-	0.49	4.41%	0.49	4.41%	0.49	4.41%	N/A	WWC-2	
OUT-11	147+00 RT	6.11	4.11%	8.23	6.47%	5.55	7.14%	5.55	7.14%	N/A	Cappy Springs Branch	
OUT-12	147+50 LT	-	-	2.87	5.51%	5.64	7.08%	5.64	7.08%	N/A	Cappy Springs Branch	
OUT-13	160+50 LT	-	-	7.13	4.17%	7.13	4.17%	7.13	4.17%	N/A	STR-1	
OUT-14	172+00 LT	-	-	1.69	4.04%	1.69	4.04%	1.69	4.04%	N/A	STR-2	
OUT-14A	172+00 LT	9.96	2.98%	9.93	3.57%	9.93	3.57%	9.93	3.57%	N/A	STR-2	
OUT-14B	177+50 LT	9.24	2.98%	9.27	3.05%	9.27	3.05%	9.27	3.05%	N/A	STR-2	
OUT-14C	183+00 LT	2.06	2.64%	2.06	2.64%	2.06	2.64%	2.06	2.64%	N/A	STR-2	
OUT-15	171+00 RT	1.62	4.66%	1.62	4.66%	5.98	6.13%	5.98	6.13%	N/A	STR-2	
OUT-16	172+50 RT	6.68	4.33%	2.56	4.91%	0.23	4.25%	0.23	4.25%	N/A	STR-2	
OUT-17	174+50 RT	-	-	5.02	8.41%	7.35	8.69%	7.35	8.69%	N/A	STR-2	
OUT-18	200+00 LT	-	-	9.63	3.35%	9.63	3.35%	9.63	3.35%	N/A	Pine Creek (STR-3/STR-4)	
OUT-18A	193+00 LT	-	-	9.38	3.32%	9.38	3.32%	9.38	3.32%	N/A	Pine Creek (STR-3/STR-4)	
OUT-19	200+50 RT	-	-	2.87	2.04%	2.87	2.04%	2.87	2.04%	N/A	Pine Creek (STR-3/STR-4)	
OUT-19A	209+00 RT	-	-	5.46	2.25%	5.46	2.25%	5.46	2.25%	N/A	Pine Creek (STR-3/STR-4)	
OUT-19B	212+50 RT	-	-	9.82	2.08%	9.82	2.08%	9.82	2.08%	N/A	Pine Creek (STR-3/STR-4)	
OUT-19C	216+00 RT	-	-	3.25	1.78%	3.25	1.78%	3.25	1.78%	N/A	Pine Creek (STR-3/STR-4)	
OUT-19D	223+50 RT	-	-	9.78	1.57%	9.78	1.57%	9.78	1.57%	N/A	Pine Creek (STR-3/STR-4)	
OUT-20	203+50 RT	-	-	1.09	3.89%	1.09	3.89%	1.09	3.89%	N/A	Pine Creek (STR-3/STR-4)	
OUT-20A	210+00 LT	-	-	6.19	3.72%	6.19	3.72%	6.19	3.72%	N/A	Pine Creek (STR-3/STR-4)	
OUT-20B	219+50 LT	-	-	6.84	4.80%	6.84	4.80%	6.84	4.80%	N/A	Pine Creek (STR-3/STR-4)	
OUT-21	15+00 LT	-	-	1.81	3.54%	1.81	3.54%	1.81	3.54%	N/A	Pine Creek (STR-3/STR-4)	
OUT-22	15+50 LT	-	-	0.15	10.90%	0.15	10.90%	0.15	10.90%	N/A	Pine Creek (STR-3/STR-4)	
OUT-23	14+00 RT	-	-	1.02	6.67%	1.02	6.67%	1.02	6.67%	N/A	Pine Creek (STR-3/STR-4)	
OUT-24	18+00 RT	-	-	9.82	4.29%	9.82	4.29%	9.82	4.29%	N/A	Pine Creek (STR-3/STR-4)	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-9

		STAGE 1		STAGE 2		STAGE 3		STAGE 4				
OUTFALL LABEL	STATIONCL, LT, OR RT	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	SEDIMENT BASIN /EQV. (YES, NO, N/A)	RECEIVING RESOURCE(TDOT EBR LABEL) OR OTHER	COMMENTS
OUT24A	22+50 RT	-	-	5.04	3.28%	5.04	3.28%	5.04	3.28%	N/A	Pine Creek (STR-3/STR-4)	
OUT-25	18+00 LT	-	-	0.21	6.68%	0.21	6.68%	0.21	6.68%	N/A	Pine Creek (STR-3/STR-4)	
OUT-26	22+00 LT	3.89	3.06%	5.63	4.80%	5.63	4.80%	5.63	4.80%	N/A	Pine Creek (STR-3/STR-4)	
OUT-27	24+75 RT	3.74	3.30%	2.92	3.75%	2.92	3.75%	2.92	3.75%	N/A	Pine Creek (STR-3/STR-4)	
OUT-27A	24+75 RT	0.04	1.37%	0.45	5.40%	0.45	5.40%	0.45	5.40%	N/A	Pine Creek (STR-3/STR-4)	
OUT-28	35+00 RT	0.37	1.05%	0.34	1.94%	0.05	3.75%	0.05	3.75%	N/A	Pine Creek (STR-3/STR-4)	
OUT-29	35+00 LT	0.46	1.36%	0.04	1.44%	0.06	2.38%	0.06	2.38%	N/A	Pine Creek (STR-3/STR-4)	
OUT-30	236+00 RT	-	-	0.54	9.87%	0.54	9.87%	0.54	9.87%	N/A	Pine Creek (STR-3/STR-4)	
OUT-31	236+50 LT	-	-	8.26	2.01%	8.26	2.01%	8.26	2.01%	N/A	Pine Creek (STR-3/STR-4)	
OUT-31A	243+00 LT	-	-	7.84	2.35%	7.84	2.35%	7.84	2.35%	N/A	Pine Creek (STR-3/STR-4)	
OUT-32	237+50 RT	-	-	6.09	2.17%	6.09	2.17%	6.09	2.17%	N/A	Pine Creek (STR-3/STR-4)	
OUT-32A	241+00 RT	-	-	5.10	2.07%	5.10	2.07%	5.10	2.07%	N/A	Pine Creek (STR-3/STR-4)	
OUT-32B	245+00 RT	-	-	4.59	1.97%	4.59	1.97%	4.59	1.97%	N/A	Pine Creek (STR-3/STR-4)	
OUT-33	268+00 RT	-	-	5.23	2.54%	5.23	2.54%	5.23	2.54%	N/A	Murphy Branch	
OUT-33A	268+00 LT	-	-	0.65	4.05%	0.65	4.05%	0.65	4.05%	N/A	Murphy Branch	
OUT-33B	269+00 LT	-	-	0.65	4.76%	0.65	4.76%	0.65	4.76%	N/A	Murphy Branch	
OUT-34	272+00 LT	0.08	4.46%	0.21	1.81%	0.21	1.81%	0.21	1.81%	N/A	Murphy Branch	
OUT-35	272+50 LT	0.17	5.40%	0.95	1.30%	0.95	1.30%	0.95	1.30%	N/A	Murphy Branch	
OUT-36	271+00 RT	0.18	1.64%	0.14	2.81%	0.14	2.81%	0.14	2.81%	N/A	Murphy Branch	
OUT-37	271+50 RT	0.39	2.32%	0.85	0.90%	0.85	0.90%	0.85	0.90%	N/A	Murphy Branch	
OUT-38	278+50 RT	-	-	4.96	1.96%	4.96	1.96%	4.96	1.96%	N/A	Murphy Branch	
OUT-39	279+00 LT	-	-	0.45	6.17%	0.45	6.17%	0.45	6.17%	N/A	Murphy Branch	
OUT-40	284+00 LT	7.41	2.13%	3.94	3.49%	3.41	3.62%	3.41	3.62%	N/A	Murphy Branch	
OUT-40A	284+00 LT	2.83	1.90%	2.83	1.90%	2.72	2.12%	2.72	2.12%	N/A	Murphy Branch	
OUT-41	305+00 LT	-	-	10.03	0.91%	10.03	0.91%	10.03	0.91%	N/A	WTL -3 /WTL - 4	
OUT-41A	295+00 LT	8.90	0.76%	9.33	1.13%	9.33	1.13%	9.33	1.13%	N/A	WTL -3 /WTL - 4	
OUT-42	306+00 LT	-	-	6.41	0.48%	6.41	0.48%	6.41	0.48%	N/A	WTL -3 /WTL - 4	
OUT-43	306+00 RT	2.93	1.30%	3.09	1.10%	3.09	1.10%	3.09	1.10%	N/A	WTL -3 /WTL - 4	
OUT-43A	299+50 RT	9.45	1.94%	9.02	1.38%	9.02	1.38%	9.02	1.38%	N/A	WTL -3 /WTL - 4	
OUT-43B	301+00 RT	9.98	2.34%	9.98	2.34%	9.98	2.34%	9.98	2.34%	N/A	WTL -3 /WTL - 4	

STATE OF TENNESSEE
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-10

		STAGE 1		STAGE 2		STAGE 3		STAGE 4				
OUTFALL LABEL	STATION CL, LT, OR RT	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	SEDIMENT BASIN /EQV. (YES, NO, N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
OUT-44	312+50 LT	0.19	5.11%	0.19	5.11%	0.19	5.11%	0.19	5.11%	N/A	Fall Creek	impaired TDEC ID# TN05130108684_2000
OUT-45	313+00 LT	0.24	6.91%	0.24	6.91%	0.24	6.91%	0.24	6.91%	N/A	Fall Creek	impaired TDEC ID# TN05130108684_2000
OUT-46	312+00 RT	-	-	0.28	6.21%	0.28	6.21%	0.28	6.21%	N/A	Fall Creek	impaired TDEC ID# TN05130108684_2000
OUT-47	312+50 RT	-	-	0.25	4.76%	0.25	4.76%	0.25	4.76%	N/A	Fall Creek	impaired TDEC ID# TN05130108684_2000
OUT-48	316+00 LT	0.11	2.41%	0.11	2.41%	0.11	2.41%	0.11	2.41%	N/A	Fall Creek	impaired TDEC ID# TN05130108684_2000
OUT-49	320+00 RT	-	-	0.09	1.96%	0.09	1.96%	0.09	1.96%	N/A	Morgan Branch	
OUT-50	320+50 RT	-	-	0.06	4.15%	0.06	4.15%	0.06	4.15%	N/A	Morgan Branch	
OUT-51	324+50 RT	-	-	0.10	2.19%	0.10	2.19%	0.10	2.19%	N/A	Morgan Branch	
OUT-53	327+50 RT	5.45	1.03%	2.95	1.03%	2.95	1.03%	2.95	1.03%	N/A	Morgan Branch	
OUT-53A	324+00 RT	-	-	2.50	1.05%	2.50	1.05%	2.50	1.05%	N/A	Morgan Branch	
OUT-54	328+00 RT	-	-	0.11	4.16%	0.11	4.16%	0.11	4.16%	N/A	Morgan Branch	
OUT-55	341+00 LT	1.25	6.78%	1.25	6.78%	1.25	6.78%	1.25	6.78%	N/A	Morgan Branch	
OUT-56	341+50 RT	-	-	0.82	6.81%	0.82	6.81%	0.82	6.81%	N/A	Morgan Branch	
OUT-57	357+00 LT	8.85	2.71%	8.85	2.71%	8.85	2.71%	8.85	2.71%	N/A	Morgan Branch	
OUT-57A	351+00 LT	6.05	2.65%	6.05	2.65%	6.05	2.65%	6.05	2.65%	N/A	Morgan Branch	
OUT-58	357+50 LT	0.96	6.19%	0.47	6.76%	0.47	6.76%	0.47	6.76%	N/A	Morgan Branch	
OUT-58A	358+00 LT	-	-	0.19	1.19%	0.19	1.19%	0.19	1.19%	N/A	Morgan Branch	
OUT-58B	360+00 LT	-	-	0.30	5.42%	0.30	5.42%	0.30	5.42%	N/A	Morgan Branch	
OUT-58C	361+50 LT	-	-	0.17	1.28%	0.17	1.28%	0.17	1.28%	N/A	Morgan Branch	
OUT-58D	361+50 LT	-	-	0.55	3.75%	0.55	3.75%	0.55	3.75%	N/A	Morgan Branch	
OUT-59	356+00 RT	-	-	2.33	4.46%	2.33	4.46%	2.33	4.46%	N/A	Morgan Branch	
OUT-60	357+00 RT	-	-	0.90	3.26%	0.35	12.90%	0.35	12.90%	N/A	Morgan Branch	
OUT-60A	358+00 RT	-	-	-	-	0.23	3.44%	0.23	3.44%	N/A	Morgan Branch	
OUT-60B	360+00 RT	-	-	-	-	0.33	2.94%	0.33	2.94%	N/A	Morgan Branch	
OUT-61	363+50 LT	-	-	0.38	4.41%	0.38	4.41%	0.38	4.41%	N/A	Morgan Branch	
OUT-62	363+50 LT	-	-	0.06	1.81%	0.06	1.81%	0.06	1.81%	N/A	Morgan Branch	
OUT-63	365+00 RT	-	-	-	-	0.23	3.06%	0.23	3.06%	N/A	Morgan Branch	
OUT-64	366+00 LT	-	-	0.23	0.93%	0.23	0.93%	0.23	0.93%	N/A	Morgan Branch	
OUT-65	367+50 RT	-	-	-	-	0.09	8.33%	0.09	8.33%	N/A	Morgan Branch	

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DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2017	STP-56 (29)	
CONST.	2018	STP-56 (29)	S-11

		STAGE 1		STAGE 2		STAGE 3		STAGE 4				
OUTFALL LABEL	STATION CL, LT, OR RT	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	DRAINAGE AREA (AC)	SLOPE WITHIN ROW (%)	SEDIMENT BASIN /EQV. (YES, NO, N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
OUT-66	367+50 RT	-	-	-	-	0.22	3.22%	0.22	3.22%	N/A	Morgan Branch	
OUT-67	367+50 LT	-	-	0.24	1.41%	0.24	1.41%	0.24	1.41%	N/A	Morgan Branch	
OUT-68	369+00 LT	0.13	6.12%	0.07	2.38%	0.07	2.38%	0.07	2.38%	N/A	Morgan Branch	
OUT-69	369+00 LT	0.11	2.83%	0.15	2.82%	0.15	2.82%	0.15	2.82%	N/A	Morgan Branch	
OUT-70	369+50 LT	0.09	2.41%	0.09	2.41%	0.09	2.41%	0.09	2.41%	N/A	Morgan Branch	
OUT-71	368+00 RT	-	-	-	-	0.15	2.81%	0.15	2.81%	N/A	Morgan Branch	
OUT-72	369+00 RT	-	-	0.95	1.32%	0.20	8.75%	0.20	8.75%	N/A	Morgan Branch	
OUT-73	369+00 RT	-	-	-	-	0.09	3.27%	0.09	3.27%	N/A	Morgan Branch	
OUT-74	369+00 RT	-	-	-	-	0.05	5.43%	0.05	5.43%	N/A	Morgan Branch	
OUT-75	370+00 RT	-	-	0.15	2.55%	0.15	2.55%	0.15	2.55%	N/A	Morgan Branch	
OUT-76	370+50 RT	-	-	-	-	0.12	3.44%	-	-	N/A	Morgan Branch	

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

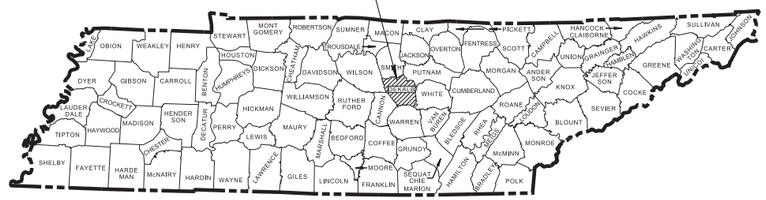
TENN.	YEAR	SHEET NO.
	2018	1
FED. AID PROJ. NO.	STP-56(29)	
STATE PROJ. NO.	21004-3252-14	

REV.06/14/17 : ADDED SHEET.

DEKALB COUNTY

SR-56, FROM SOUTH OF SR-288 NEAR MAGNESS ROAD
TO EAST BRYANT STREET IN SMITHVILLE

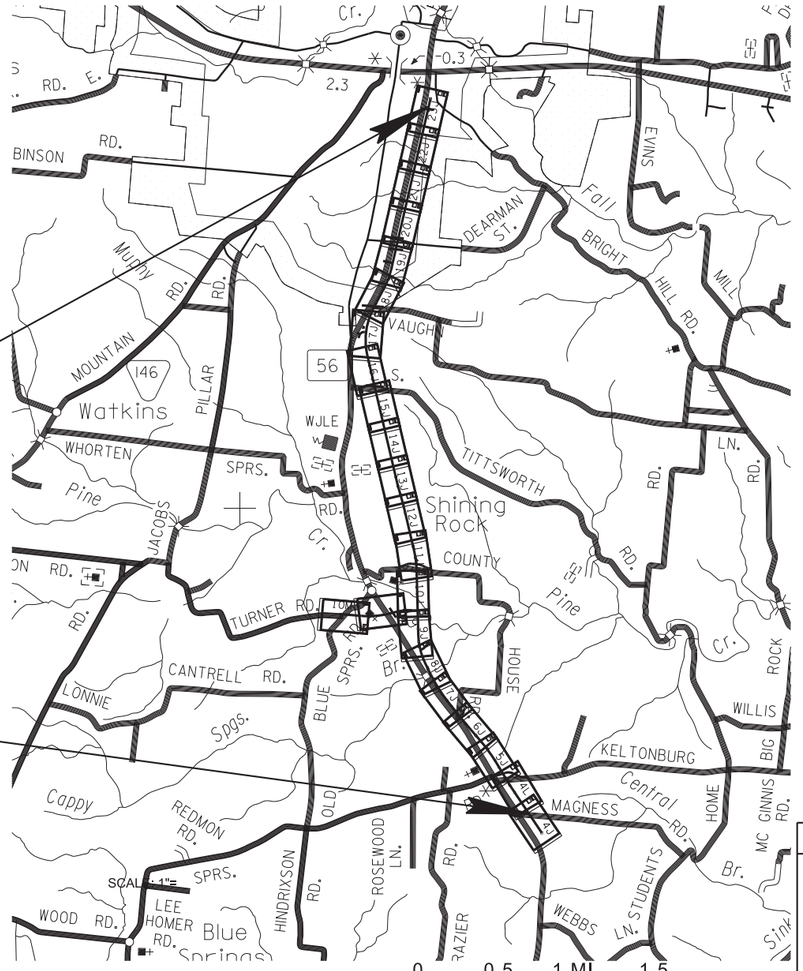
PROJECT NO. 21004-3252-14



CONSTRUCTION

GRADE, DRAIN, PAVE, STRIPE, SIGN & SIGNAL

STATE HIGHWAY NO. 56 F.A.H.S. NO. 56



N

EQUATION *	
DESCRIPTION	NET EFFECT ON ENUMERATION
STA. 227+04.12 BK= STA. 126+76.68 AH	+10027.440
STA. 173+02.60 BK= T.S. STA. 173+30.79 AH	-28.190'
TOTAL	+9999.250'

* EQUATION APPLIES TO R.O.W. ALIGNMENT ONLY.

CONSTRUCTION FIELD REVIEW

STP-56(29)
END PROJECT NO. 21004-3252-14 CONSTRUCTION

STA. 370+27.01

N 590046.7281 E 2024277.8575

STP-56(29)
BEGIN PROJECT NO. 21004-3252-14 CONSTRUCTION

STA. 112+97.53

N 565992.6597 E 2027691.3205

DESIGN EXCEPTION APPROVED - -

1) [EXCEPTION DESCRIPTION]
[EXCEPTION DESCRIPTION]

2) [EXCEPTION DESCRIPTION]
[EXCEPTION DESCRIPTION]

3) [EXCEPTION DESCRIPTION]
[EXCEPTION DESCRIPTION]

SEALED BY

APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

DATE:

APPROVED:
JOHN SCHROER, COMMISSIONER

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 JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT C.E. MANAGER 2: ROBERT RODGERS

DESIGNED BY : HDR, INC.

DESIGNER : JIM SARR, PE CHECKED BY BRIAN TROTTER, PE

P.E. NO. 21004-1244-14

PIN NO. 100263.00

ROADWAY LENGTH	4.828 MILES
BRIDGE LENGTH	0.045 MILES
** BOX BRIDGE LENGTH	0.006 MILES
PROJECT LENGTH	4.873 MILES

** NOT INCLDUDED IN PROJECT LENGTH

SURVEY 10/1999	TRAFFIC DATA	
UPDATED 2/2000	ADT (2018)	7370
UPDATED 1/2001	ADT (2038)	8480
UPDATED 9/2001	DHV (2038)	909
UPDATED 1/2006	D	55 - 45
UPDATED 11/2016	T (ADT)	8 %
	T (DHV)	5 %
	V 70 MPH	STA. 112+97.53 TO STA. 240+00.00
	V 60 MPH	STA. 240+00.00 TO STA. 299+62.56
	V 45 MPH	STA. 299+62.56 TO STA. 370+27.01

STATE PLANE COORDINATES ARE BASED ON GPS MEASUREMENTS OBTAINED 9-14-99 USING GEOID 99 MODEL AND DATUM ADJUSTMENT FACTOR OF 1.000095

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69A1
CONST.	2018	STP-56(29)	69A1

REV. 02-08-17: ADDED SHEET.

EPSC NOTES

STREAMS, WETLANDS & BUFFER ZONES

(1) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., PIER FOOTING, RIP-RAP PLACEMENT, CULVERT/BRIDGE CONSTRUCTION, ETC.) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNELS (EC-STR-31) AND TEMPORARY DIVERSION CULVERTS (EC STR-32) FOR SINGLE BARREL CULVERT CONSTRUCTION.

(2) ONCE WATER IS DIVERTED INTO A NEWLY CONSTRUCTED AND STABILIZED RELOCATED STREAM / CHANNEL, THE ECOLOGY SECTION SHALL BE NOTIFIED. THE STREAM NAME, STREAM NUMBER, AND DATE THE WATER WAS DIVERTED INTO THE NEWLY CONSTRUCTED STREAM / CHANNEL SHALL BE SUPPLIED WITH THE NOTIFICATION.

ENVIRONMENTAL

(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.

STAGE 1 -CLEARING & GRUBBING			STAGE 2 -CONSTRUCTION			STAGE 3 -CONSTRUCTION			STAGE 4 - FINAL STABILIZATION		
OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE
OUT-1	-		OUT-1	0.56	2.30%	OUT-1	0.56	2.30%	OUT-1	0.56	2.30%
OUT-2	-		OUT-2	0.24	2.38%	OUT-2	0.24	2.38%	OUT-2	0.24	2.38%
OUT-3	0.62	1.07%	OUT-3	1.02	2.85%	OUT-3	0.47	2.66%	OUT-3	0.47	2.66%
OUT-5	-		OUT-5	-		OUT-5	0.68	3.53%	OUT-5	0.68	3.53%
OUT-6	-		OUT-6	-		OUT-6	1.38	2.59%	OUT-6	1.38	2.59%
OUT-6A	-		OUT-6A	-		OUT-6A	0.37	4.86%	OUT-6A	0.37	4.86%
OUT-6B	-		OUT-6B	-		OUT-6B	5.60	6.88%	OUT-6B	5.65	6.91%
OUT-7	-		OUT-7	0.22	1.45%	OUT-7	0.22	1.45%	OUT-7	0.22	1.45%
OUT-8	-		OUT-8	1.22	2.96%	OUT-8	0.17	4.54%	OUT-8	0.17	4.54%
OUT-9	-		OUT-9	6.85	2.41%	OUT-9	6.85	2.41%	OUT-9	6.85	2.41%
OUT-10	-		OUT-10	0.49	4.41%	OUT-10	0.49	4.41%	OUT-10	0.49	4.41%
OUT-11	6.11	4.11%	OUT-11	8.23	6.47%	OUT-11	5.55	7.14%	OUT-11	5.55	7.14%
OUT-12	-		OUT-12	2.87	5.51%	OUT-12	5.64	7.08%	OUT-12	5.64	7.08%
OUT-13	-		OUT-13	7.13	4.17%	OUT-13	7.13	4.17%	OUT-13	7.13	4.17%
OUT-14	-		OUT-14	1.69	4.04%	OUT-14	1.69	4.04%	OUT-14	1.69	4.04%
OUT-14A	9.96	2.98%	OUT-14A	9.93	3.57%	OUT-14A	9.93	3.57%	OUT-14A	9.93	3.57%
OUT-14B	9.24	2.98%	OUT-14B	9.27	3.05%	OUT-14B	9.27	3.05%	OUT-14B	9.27	3.05%
OUT-14C	2.06	2.64%	OUT-14C	2.06	2.64%	OUT-14C	2.06	2.64%	OUT-14C	2.06	2.64%
OUT-15	1.62	4.66%	OUT-15	1.62	4.66%	OUT-15	5.98	6.13%	OUT-15	5.98	6.13%
OUT-16	6.68	4.33%	OUT-16	2.56	4.91%	OUT-16	0.23	4.25%	OUT-16	0.23	4.25%
OUT-17	-		OUT-17	5.02	8.41%	OUT-17	7.35	8.69%	OUT-17	7.35	8.69%
OUT-18	-		OUT-18	9.63	3.35%	OUT-18	9.63	3.35%	OUT-18	9.63	3.35%
OUT-18A	-		OUT-18A	9.38	3.32%	OUT-18A	9.38	3.32%	OUT-18A	9.38	3.32%
OUT-19	-		OUT-19	2.87	2.04%	OUT-19	2.87	2.04%	OUT-19	2.87	2.04%
OUT-19A	-		OUT-19A	5.46	2.25%	OUT-19A	5.46	2.25%	OUT-19A	5.46	2.25%
OUT-19B	-		OUT-19B	9.82	2.08%	OUT-19B	9.82	2.08%	OUT-19B	9.82	2.08%
OUT-19C	-		OUT-19C	3.25	1.78%	OUT-19C	3.25	1.78%	OUT-19C	3.25	1.78%
OUT-19D	-		OUT-19D	9.78	1.57%	OUT-19D	9.78	1.57%	OUT-19D	9.78	1.57%
OUT-20	-		OUT-20	1.09	3.89%	OUT-20	1.09	3.89%	OUT-20	1.09	3.89%
OUT-20A	-		OUT-20A	6.19	3.72%	OUT-20A	6.19	3.72%	OUT-20A	6.19	3.72%
OUT-20B	-		OUT-20B	6.84	4.80%	OUT-20B	6.84	4.80%	OUT-20B	6.84	4.80%
OUT-21	-		OUT-21	1.81	3.54%	OUT-21	1.81	3.54%	OUT-21	1.81	3.54%
OUT-22	-		OUT-22	0.15	10.90%	OUT-22	0.15	10.90%	OUT-22	0.15	10.90%
OUT-23	-		OUT-23	1.02	6.67%	OUT-23	1.02	6.67%	OUT-23	1.02	6.67%
OUT-24	-		OUT-24	9.82	4.29%	OUT-24	9.82	4.29%	OUT-24	9.82	4.29%
OUT-24A	-		OUT-24A	5.04	3.28%	OUT-24A	5.04	3.28%	OUT-24A	5.04	3.28%
OUT-25	-		OUT-25	0.21	6.68%	OUT-25	0.21	6.68%	OUT-25	0.21	6.68%

E.P.D.

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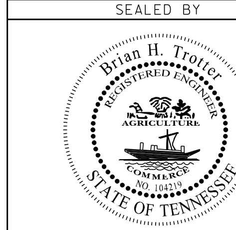

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2018	STP-56(29)	69A2

STAGE 1 -CLEARING & GRUBBING			STAGE 2 -CONSTRUCTION			STAGE 3 -CONSTRUCTION			STAGE 4 - FINAL STABILIZATION		
OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE	OUTFALL	AREA (AC)	SLOPE
OUT-26	3.89	3.06%	OUT-26	5.63	4.80%	OUT-26	5.63	4.80%	OUT-26	5.63	4.80%
OUT-27	3.74	3.30%	OUT-27	2.92	3.75%	OUT-27	2.92	3.75%	OUT-27	2.92	3.75%
OUT-27A	0.04	1.37%	OUT-27A	0.45	5.40%	OUT-27A	0.45	5.40%	OUT-27A	0.45	5.40%
OUT-28	0.37	1.05%	OUT-28	0.34	1.94%	OUT-28	0.05	3.75%	OUT-28	0.05	3.75%
OUT-29	0.46	1.36%	OUT-29	0.04	1.44%	OUT-29	0.06	2.38%	OUT-29	0.06	2.38%
OUT-30	-		OUT-30	0.54	9.87%	OUT-30	0.54	9.87%	OUT-30	0.54	9.87%
OUT-31	-		OUT-31	8.26	2.01%	OUT-31	8.26	2.01%	OUT-31	8.26	2.01%
OUT-31A	-		OUT-31A	7.84	2.35%	OUT-31A	7.84	2.35%	OUT-31A	7.84	2.35%
OUT-32	-		OUT-32	6.09	2.17%	OUT-32	6.09	2.17%	OUT-32	6.09	2.17%
OUT-32A	-		OUT-32A	5.10	2.07%	OUT-32A	5.10	2.07%	OUT-32A	5.10	2.07%
OUT-32B	-		OUT-32B	4.59	1.97%	OUT-32B	4.59	1.97%	OUT-32B	4.59	1.97%
OUT-33	-		OUT-33	5.23	2.54%	OUT-33	5.23	2.54%	OUT-33	5.23	2.54%
OUT-33A	-		OUT-33A	0.65	4.05%	OUT-33A	0.65	4.05%	OUT-33A	0.65	4.05%
OUT-33B	-		OUT-33B	0.65	4.76%	OUT-33B	0.65	4.76%	OUT-33B	0.65	4.76%
OUT-34	0.08	4.46%	OUT-34	0.21	1.81%	OUT-34	0.21	1.81%	OUT-34	0.21	1.81%
OUT-35	0.17	5.40%	OUT-35	0.95	1.30%	OUT-35	0.95	1.30%	OUT-35	0.95	1.30%
OUT-36	0.18	1.64%	OUT-36	0.14	2.81%	OUT-36	0.14	2.81%	OUT-36	0.14	2.81%
OUT-37	0.39	2.32%	OUT-37	0.85	0.90%	OUT-37	0.85	0.90%	OUT-37	0.85	0.90%
OUT-38	-		OUT-38	4.96	1.96%	OUT-38	4.96	1.96%	OUT-38	4.96	1.96%
OUT-39	-		OUT-39	0.45	6.17%	OUT-39	0.45	6.17%	OUT-39	0.45	6.17%
OUT-40	7.41	2.13%	OUT-40	3.94	3.49%	OUT-40	3.41	3.62%	OUT-40	3.41	3.62%
OUT-40A	2.83	1.90%	OUT-40A	2.83	1.90%	OUT-40A	2.72	2.12%	OUT-40A	2.72	2.12%
OUT-41	-		OUT-41	10.03	0.91%	OUT-41	10.03	0.91%	OUT-41	10.03	0.91%
OUT-41A	8.90	0.76%	OUT-41A	9.33	1.13%	OUT-41A	9.33	1.13%	OUT-41A	9.33	1.13%
OUT-42	-		OUT-42	6.41	0.48%	OUT-42	6.41	0.48%	OUT-42	6.41	0.48%
OUT-43	2.93	1.30%	OUT-43	3.09	1.10%	OUT-43	3.09	1.10%	OUT-43	3.09	1.10%
OUT-43A	9.45	1.94%	OUT-43A	9.02	1.38%	OUT-43A	9.02	1.38%	OUT-43A	9.02	1.38%
OUT-43B	9.98	2.34%	OUT-43B	9.98	2.34%	OUT-43B	9.98	2.34%	OUT-43B	9.98	2.34%
OUT-44	0.19	5.11%	OUT-44	0.19	5.11%	OUT-44	0.19	5.11%	OUT-44	0.19	5.11%
OUT-45	0.24	6.91%	OUT-45	0.24	6.91%	OUT-45	0.24	6.91%	OUT-45	0.24	6.91%
OUT-46	-		OUT-46	0.28	6.21%	OUT-46	0.28	6.21%	OUT-46	0.28	6.21%
OUT-47	-		OUT-47	0.25	4.76%	OUT-47	0.25	4.76%	OUT-47	0.25	4.76%
OUT-48	0.11	2.41%	OUT-48	0.11	2.41%	OUT-48	0.11	2.41%	OUT-48	0.11	2.41%
OUT-49	-		OUT-49	0.09	1.96%	OUT-49	0.09	1.96%	OUT-49	0.09	1.96%
OUT-50	-		OUT-50	0.06	4.15%	OUT-50	0.06	4.15%	OUT-50	0.06	4.15%
OUT-51	-		OUT-51	0.10	2.19%	OUT-51	0.10	2.19%	OUT-51	0.10	2.19%
OUT-53	5.45	1.03%	OUT-53	2.95	1.03%	OUT-53	2.95	1.03%	OUT-53	2.95	1.03%
OUT-53A	-		OUT-53A	2.50	1.05%	OUT-53A	2.50	1.05%	OUT-53A	2.50	1.05%
OUT-54	-		OUT-54	0.11	4.16%	OUT-54	0.11	4.16%	OUT-54	0.11	4.16%
OUT-55	1.25	6.78%	OUT-55	1.25	6.78%	OUT-55	1.25	6.78%	OUT-55	1.25	6.78%
OUT-56	-		OUT-56	0.82	6.81%	OUT-56	0.82	6.81%	OUT-56	0.82	6.81%
OUT-57	8.85	2.71%	OUT-57	8.85	2.71%	OUT-57	8.85	2.71%	OUT-57	8.85	2.71%
OUT-57A	6.05	2.65%	OUT-57A	6.05	2.65%	OUT-57A	6.05	2.65%	OUT-57A	6.05	2.65%
OUT-58	0.96	6.19%	OUT-58	0.47	6.76%	OUT-58	0.47	6.76%	OUT-58	0.47	6.76%
OUT-58A	-		OUT-58A	0.19	1.19%	OUT-58A	0.19	1.19%	OUT-58A	0.19	1.19%
OUT-58B	-		OUT-58B	0.30	5.42%	OUT-58B	0.30	5.42%	OUT-58B	0.30	5.42%
OUT-58C	-		OUT-58C	0.17	1.28%	OUT-58C	0.17	1.28%	OUT-58C	0.17	1.28%
OUT-58D	-		OUT-58D	0.55	3.75%	OUT-58D	0.55	3.75%	OUT-58D	0.55	3.75%
OUT-59	-		OUT-59	2.33	4.46%	OUT-59	2.33	4.46%	OUT-59	2.33	4.46%
OUT-60	-		OUT-60	0.90	3.26%	OUT-60	0.35	12.90%	OUT-60	0.35	12.90%
OUT-60A	-		OUT-60A	-		OUT-60A	0.23	3.44%	OUT-60A	0.23	3.44%
OUT-60B	-		OUT-60B	-		OUT-60B	0.33	2.94%	OUT-60B	0.33	2.94%
OUT-61	-		OUT-61	0.38	4.41%	OUT-61	0.38	4.41%	OUT-61	0.38	4.41%
OUT-62	-		OUT-62	0.06	1.81%	OUT-62	0.06	1.81%	OUT-62	0.06	1.81%
OUT-63	-		OUT-63			OUT-63	0.23	3.06%	OUT-63	0.23	3.06%
OUT-64	-		OUT-64	0.23	0.93%	OUT-64	0.23	0.93%	OUT-64	0.23	0.93%
OUT-65	-		OUT-65	-		OUT-65	0.09	8.33%	OUT-65	0.09	8.33%
OUT-66	-		OUT-66	-		OUT-66	0.22	3.22%	OUT-66	0.22	3.22%
OUT-67	-		OUT-67	0.24	1.41%	OUT-67	0.24	1.41%	OUT-67	0.24	1.41%
OUT-68	0.13	6.12%	OUT-68	0.07	2.38%	OUT-68	0.07	2.38%	OUT-68	0.07	2.38%
OUT-69	0.11	2.83%	OUT-69	0.15	2.82%	OUT-69	0.15	2.82%	OUT-69	0.15	2.82%
OUT-70	0.09	2.41%	OUT-70	0.09	2.41%	OUT-70	0.09	2.41%	OUT-70	0.09	2.41%
OUT-71	-		OUT-71	-		OUT-71	0.15	2.81%	OUT-71	0.15	2.81%
OUT-72	-		OUT-72	0.95	1.32%	OUT-72	0.20	8.75%	OUT-72	0.20	8.75%
OUT-73	-		OUT-73	-		OUT-73	0.09	3.27%	OUT-73	0.09	3.27%
OUT-74	-		OUT-74	-		OUT-74	0.05	5.43%	OUT-74	0.05	5.43%
OUT-75	-		OUT-75	0.15	2.55%	OUT-75	0.15	2.55%	OUT-75	0.15	2.55%
OUT-76	-		OUT-76	-		OUT-76	0.12	3.44%	OUT-76	-	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2018	STP-56(29)	69A3

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	DEWATERING STRUCTURE	EC-STR-1
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2
SF SF SF SF	SILT FENCE	EC-STR-3B
SFB SFB SFB SFB	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
E	CATCH BASIN PROTECTION (TYPE E)	EC-STR-19
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	TEMPORARY SLOPE DRAIN	EC-STR-27
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	EROSION CONTROL BLANKET	EC-STR-34
	FLOATING TURBIDITY CURTAIN	EC-STR-38
	CULVERT PROTECTION (TYPE 1)	EC-STR-11

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	STAGE 1 CLEARING & GRUBBING	STAGE 2 CONSTRUCTION PHASING	STAGE 3 CONSTRUCTION PHASING	STAGE 4 FINAL STABILIZATION	TOTAL	UNIT
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1802	374	0	0	2176	C.Y.
209-02.03	8" TEMPORARY SLOPE DRAIN	239	45	0	0	284	L.F.
209-02.05	12" TEMPORARY SLOPE DRAIN	251	52	0	0	303	L.F.
209-02.06	15" TEMPORARY SLOPE DRAIN	163	0	0	0	163	L.F.
209-05	SEDIMENT REMOVAL	187	187	187	187	748	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	5284	2245	755	0	8284	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	14744	3835	537	0	19116	L.F.
209-08.07	ROCK CHECK DAM	10	218	16	0	244	EACH
209-08.08	ENHANCED ROCK CHECK DAM	21	51	6	0	78	EACH
209-09.01	SANDBAGS	0	1900	600	0	2500	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	0	3	1	0	4	EACH
209-13.04	TURBIDITY CURTAIN (12" DEPTH)	100	0	100	0	200	L.F.
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	0	76	28	0	104	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	0	4	5	0	9	EACH
209-40.34	CATCH BASIN PROTECTION (TYPE E)	0	5	5	0	10	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	0	178	206	0	384	L.F.
303-10.01	MINERAL AGGREGATE (SIZE 57)	133	133	4	0	270	TON
607-08.05	42" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	0	300	0	0	300	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1888	506	0	0	2394	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	1300	50	0	0	1350	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1319	1643	443	0	3405	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	0	146	0	0	146	TON
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	4551	3025	787	0	8363	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1443	1111	465	0	3019	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	1920	960	960	0	3840	UNIT
801-02.15	FERTILIZER	38	19	19	0	76	TON
801-03	WATER (SEEDING AND SODDING)	192	96	96	0	384	M.G.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	0	0	14400	11450	25850	S.Y.

NOTE: ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
ALL TEMPORARY CONSTRUCTION EXIT LOCATIONS TO BE DETERMINED BY THE ENGINEER

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
NO. 116214
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND & TABULATION

9/19/2018 11:23:43 AM
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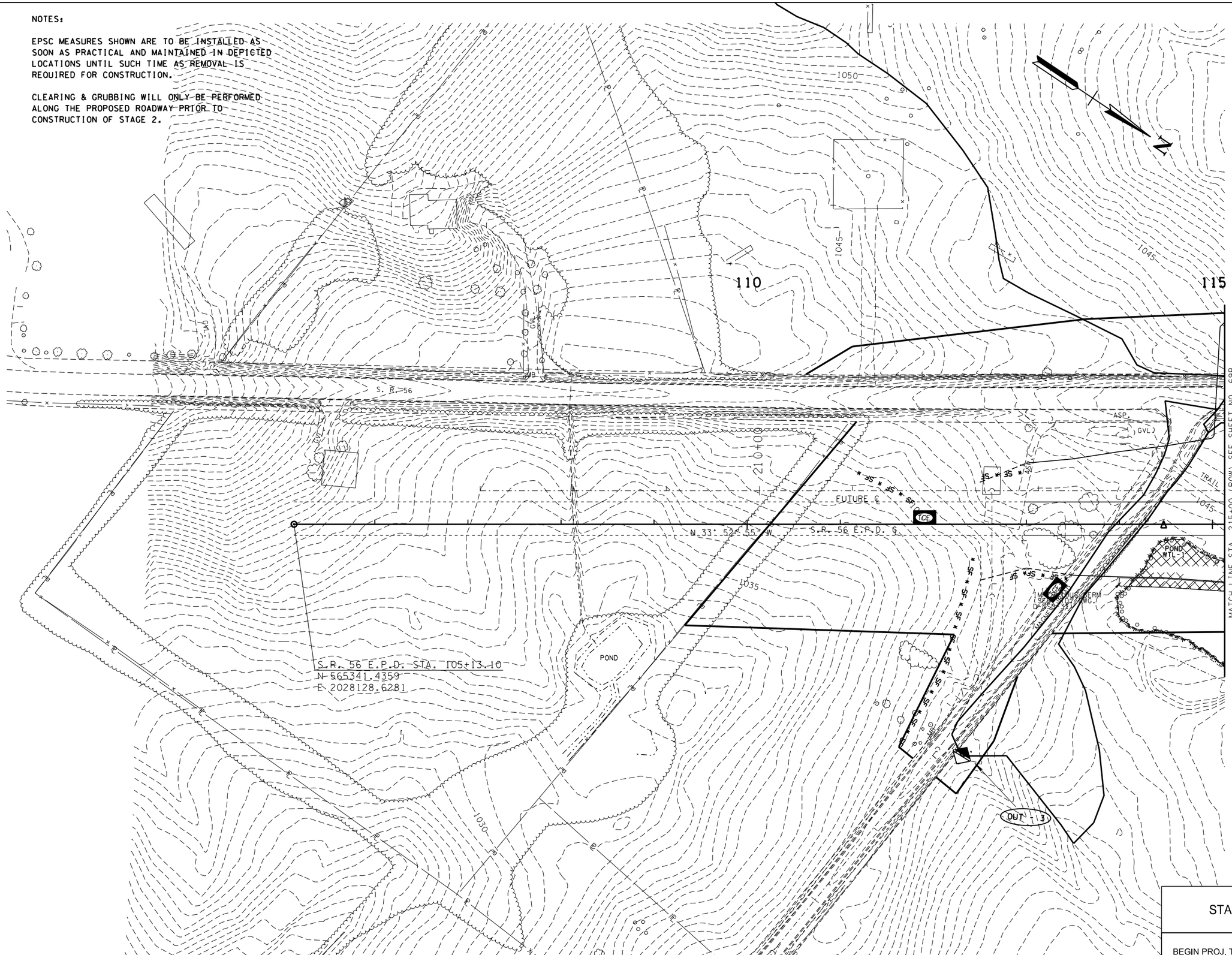
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69A
CONST.	2018	STP-56(29)	69A

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

BEGIN PROJ. TO STA. 215+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:24:34 AM
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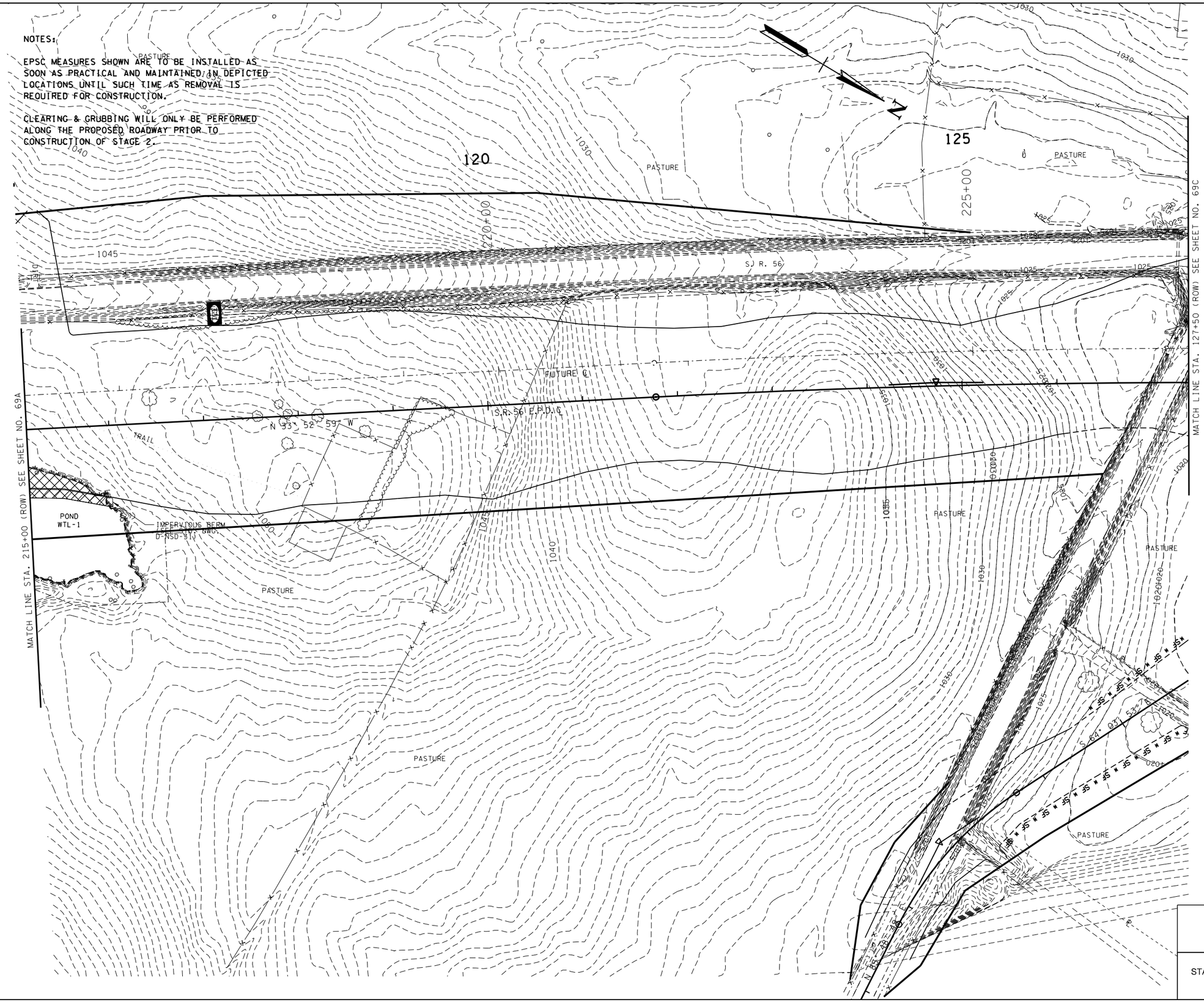
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69B
CONST.	2018	STP-56(29)	69B

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
AND INSURANCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 215+00 TO STA. 127+50
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:24:49 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69C
CONST.	2018	STP-56(29)	69C

REV. 02-08-17: ADDED SHEET.

S.R. 56 E.P.D. STA. 129+28.80 =
BLUE SPRINGS RD. E.P.D. STA. 30+37.06 =
N 567359.6603
E 2026801.7354

BLUE SPRINGS RD. E.P.D. STA. 25+72.92
N 576206.2420
E 2026364.2160

MATCH LINE STA. 127+00 (ROW) SEE SHEET NO. 69B

MATCH LINE STA. 140+00 (ROW) SEE SHEET NO. 69D

S.R. 56 E.P.D. STA. 129+28.80=
S.R. 288 E.P.D. STA. 30+37.06 =
N 567359.6603
E 2026801.7354

NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 127+50 TO STA. 140+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:25:04 AM
c:\pwworking\east01\d0176426\069C.sht

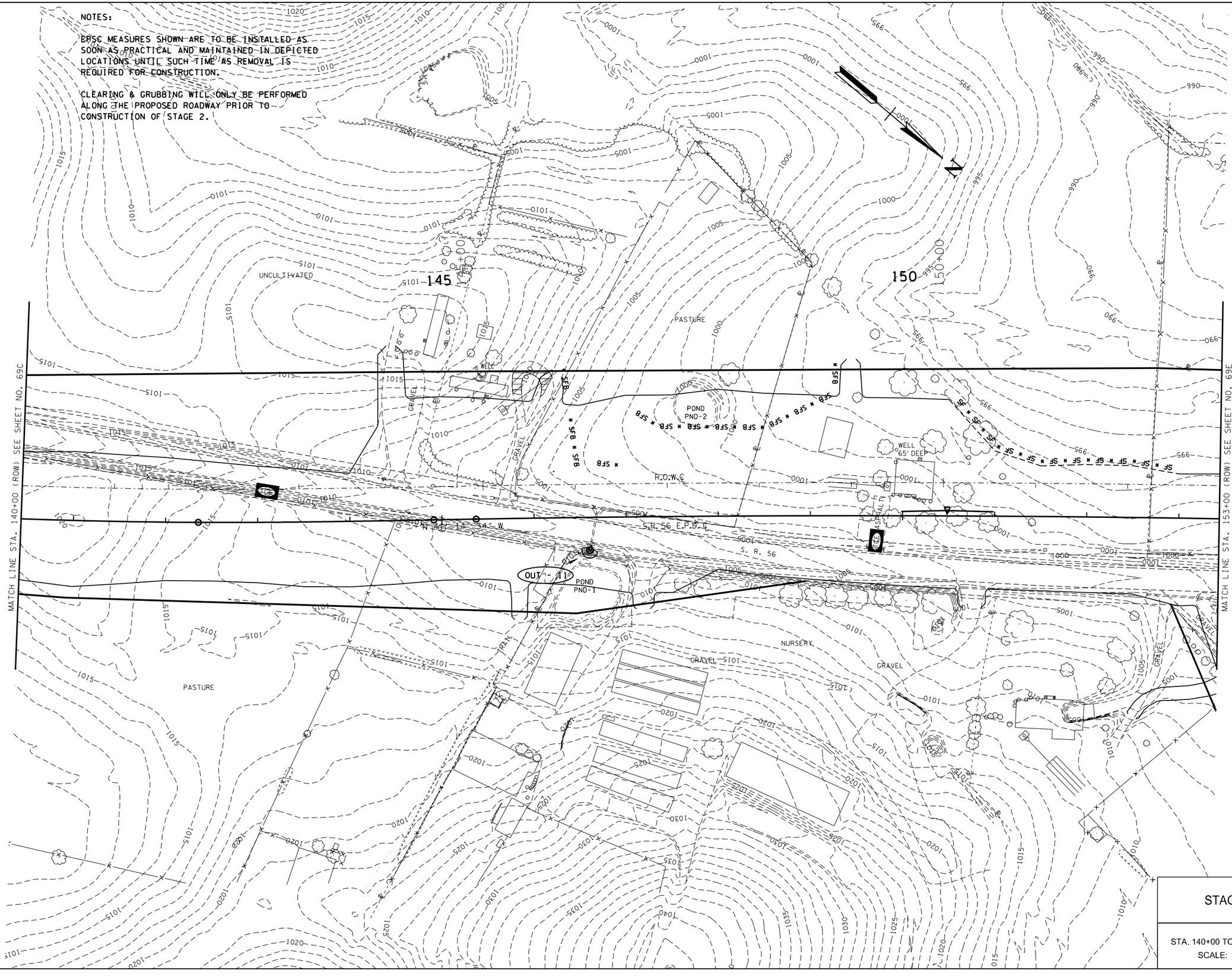
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69D
CONST.	2018	STP-56(29)	69D

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 140+00 TO STA. 153+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:25:19 AM
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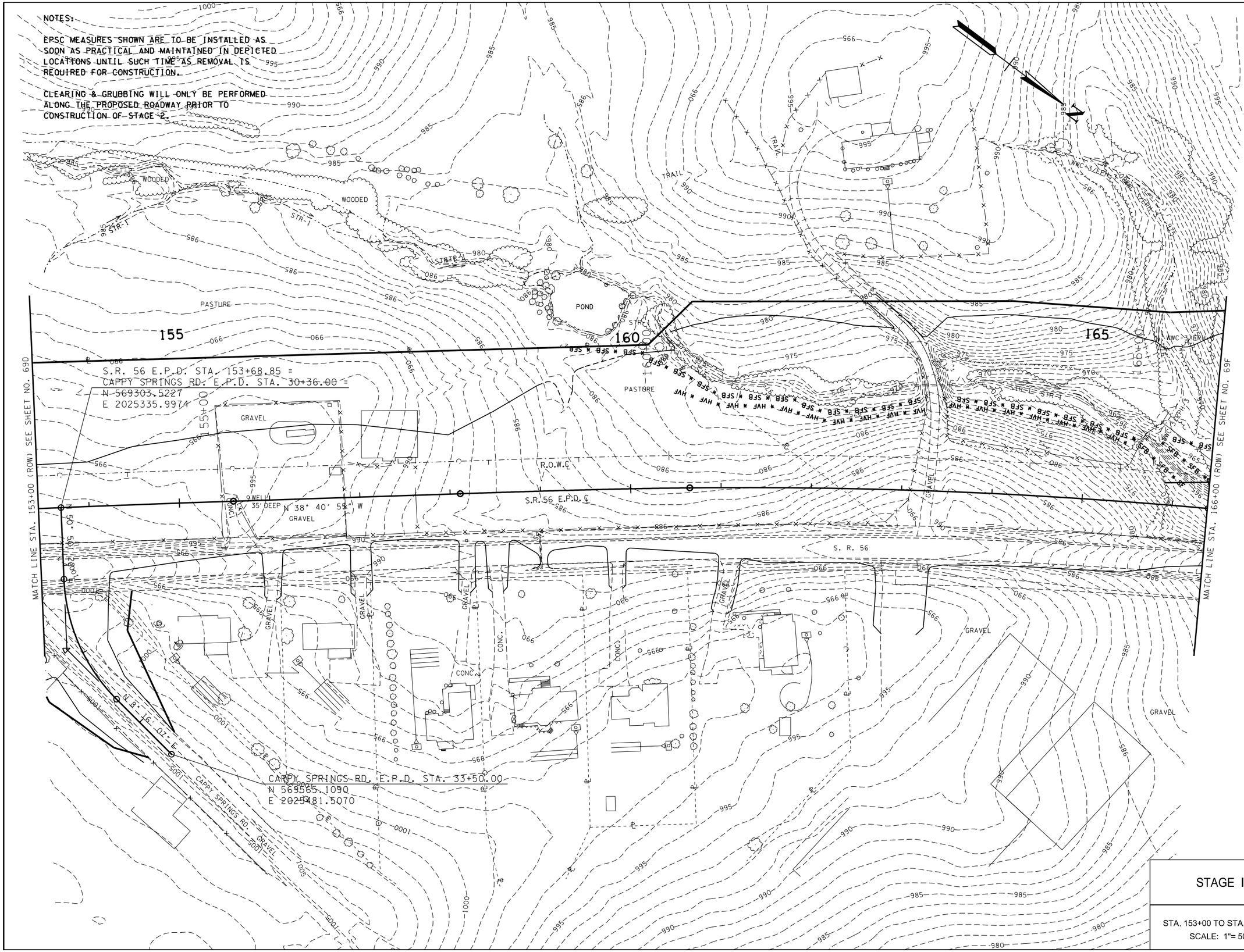
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69E
CONST.	2018	STP-56(29)	69E

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
No. 109174
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 153+00 TO STA. 166+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:25:35 AM
c:\pwworking\east01\d0176426\069E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69F
CONST.	2018	STP-56(29)	69F

REV. 02-08-17: ADDED SHEET.

NOTES:

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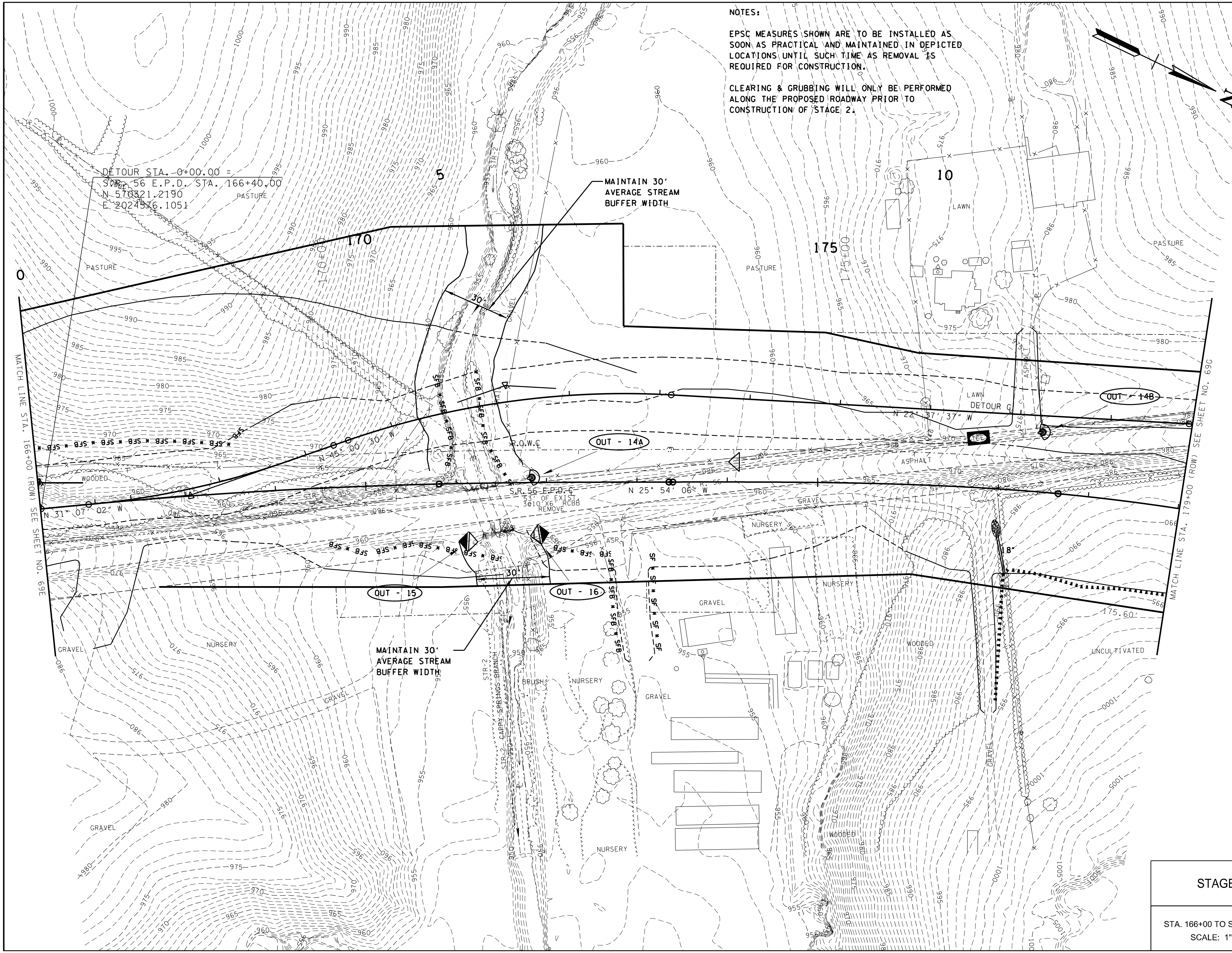
CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 166+00 TO STA. 179+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:25:50 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69G
CONST.	2018	STP-56(29)	69G

REV. 02-08-17: ADDED SHEET.

NOTES:

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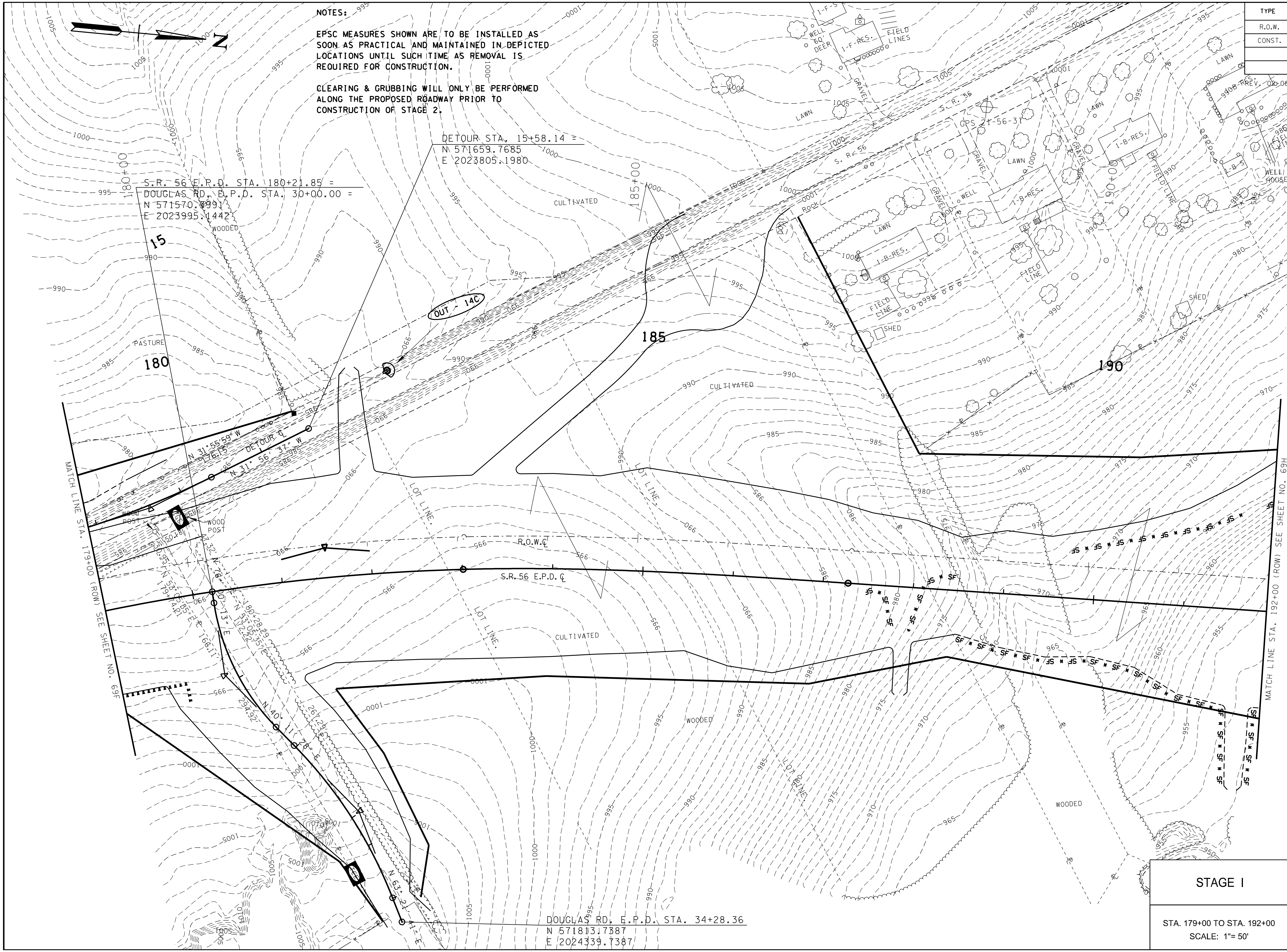
CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.



E.P.D.

SEALED BY

Brian H. Trotter — STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 179+00 TO STA. 192+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:26:03 AM
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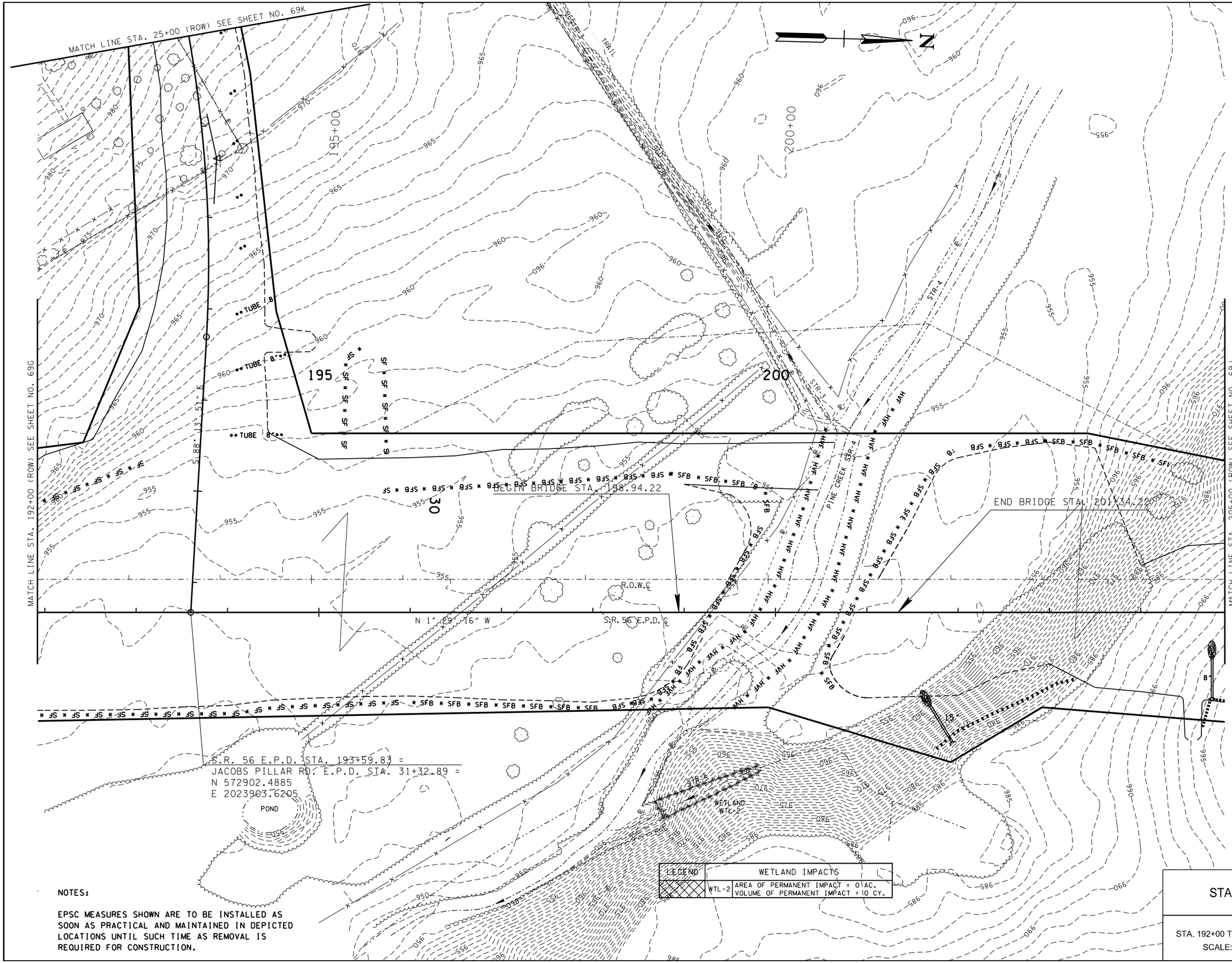
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69H
CONST.	2018	STP-56(29)	69H

REV. 02-08-17: ADDED SHEET.



NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

E.P.D.

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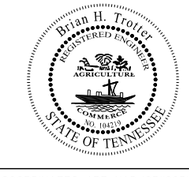

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 192+00 TO STA. 205+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:26:18 AM
c:\pwworking\east01\d0176426\069H.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69J
CONST.	2018	STP-56(29)	69J

REV. 02-08-17: ADDED SHEET.

NOTES:

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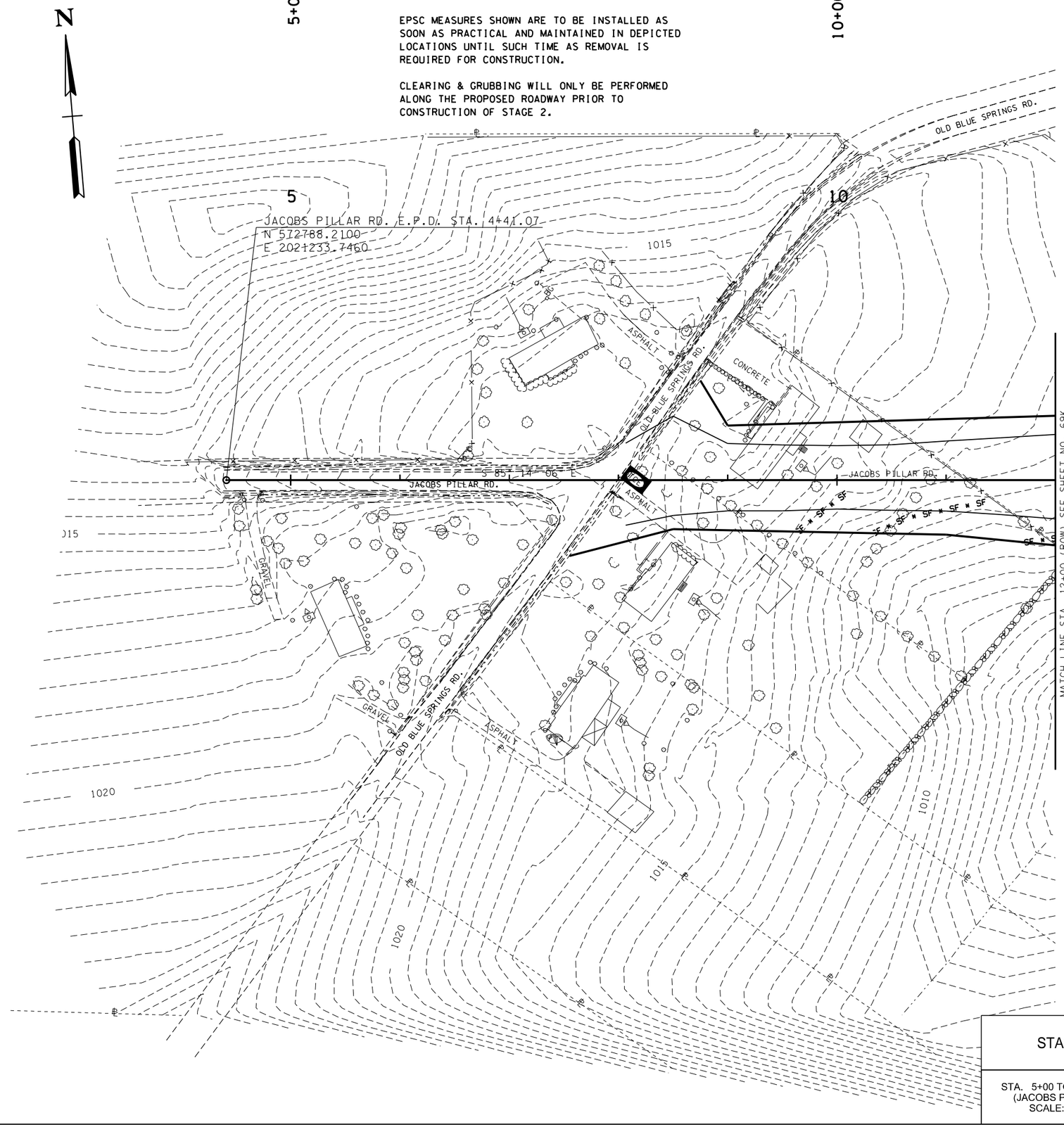

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE
DEPARTMENT OF AGRICULTURE
COMMERCE
NO. 102315

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 5+00 TO STA. 12+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:26:31 AM
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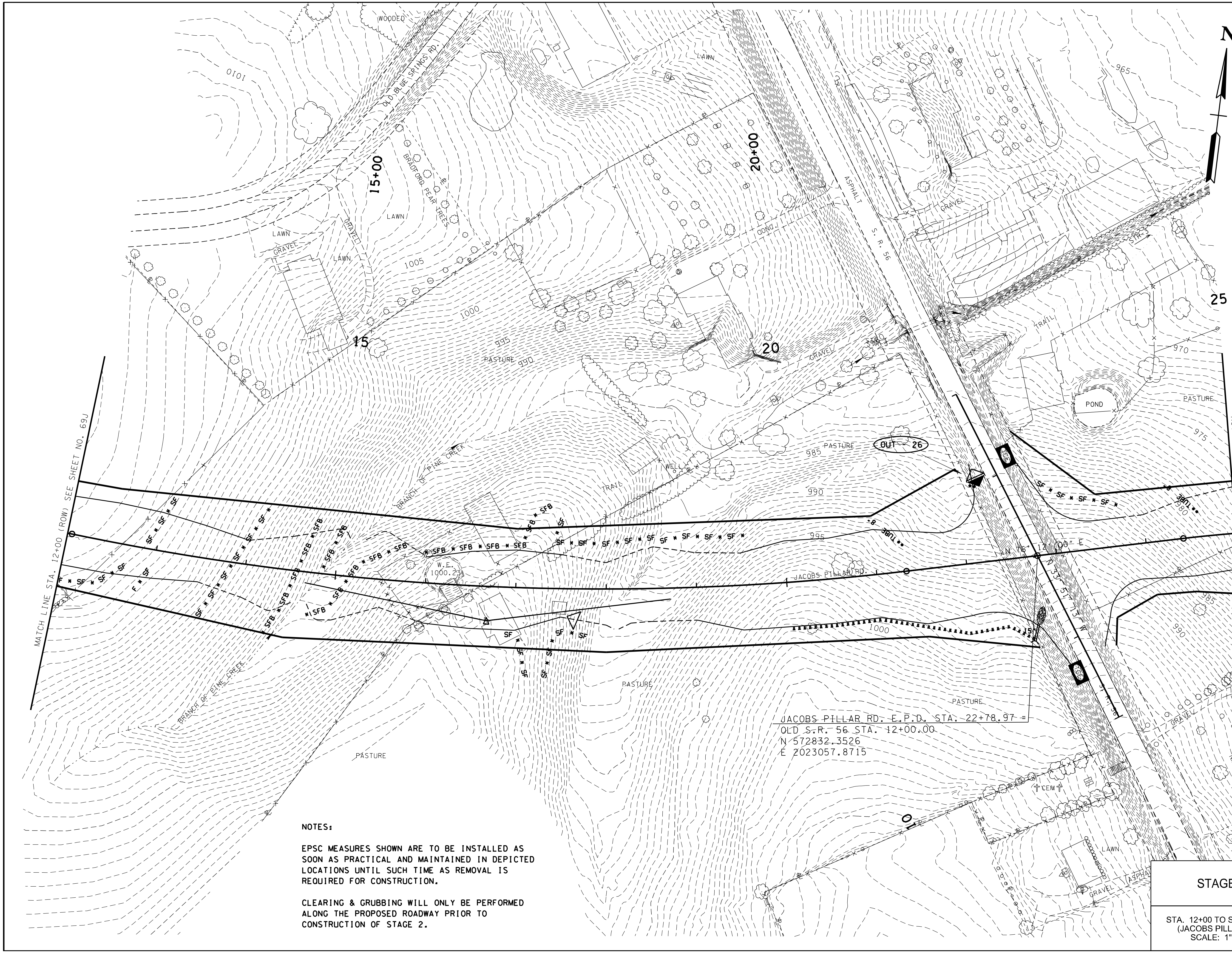
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69K
CONST.	2018	STP-56(29)	69K

REV. 02-08-17: ADDED SHEET.



NOTES:

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E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 12+00 TO STA. 25+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69L
CONST.	2018	STP-56(29)	69L

REV. 02-08-17: ADDED SHEET.

NOTES;

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

MATCH LINE STA. 24+75

MATCH LINE STA. 24+75

OUT - 27A

OUT - 27

N 69° 03' 05" E

S 85° 09' 50" E

S 62° 43' 09" E

COUNTY HOUSE RD.

S.R. 56 E.P.D. ℄

R.O.W. ℄

S.R. 56 E.P.D. STA. 209+41.68 =
COUNTY HOUSE RD. E.P.D. STA. 30+49.65 =
N 574483.5001
E 2023855.5282

OUT - 28

OUT - 29

MATCH LINE STA. 35+25

MATCH LINE STA. 35+25

MATCH LINE STA. 205+00 (ROW) SEE SHEET NO. 69K

MATCH LINE STA. 218+00 (ROW) SEE SHEET NO. 69M

GRAVEL

LAWN

WELL

WOODED

UNCULTIVATED

CULTIVATED

GRAPEVINES

CHAIN LINK

CONC.

205

210

215

220

225

230

235

E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 205+00 TO STA. 218+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69M
CONST.	2018	STP-56(29)	69M

REV. 02-08-17: ADDED SHEET.

NOTES:

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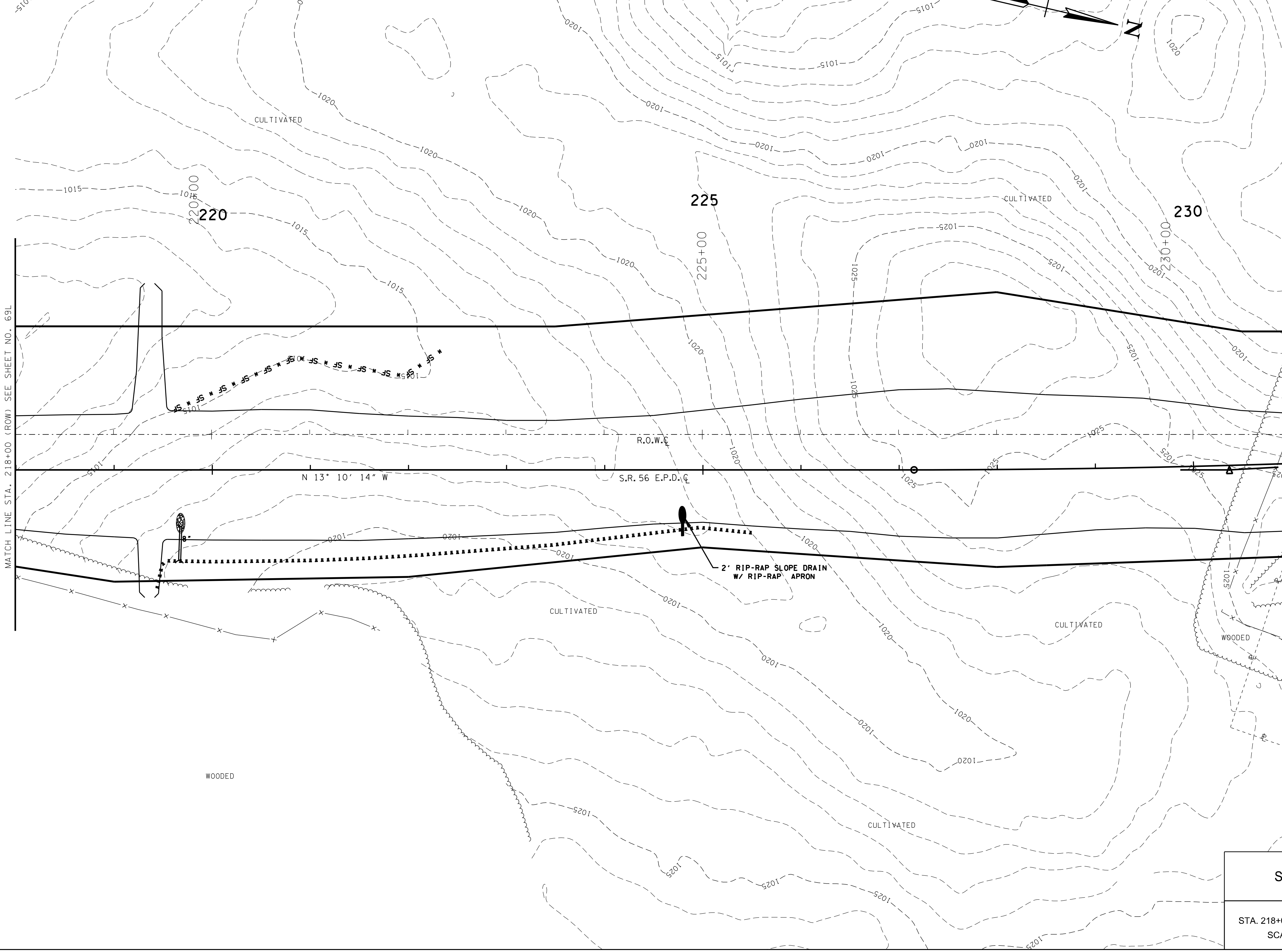

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 218+00 TO STA. 231+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:27:14 AM
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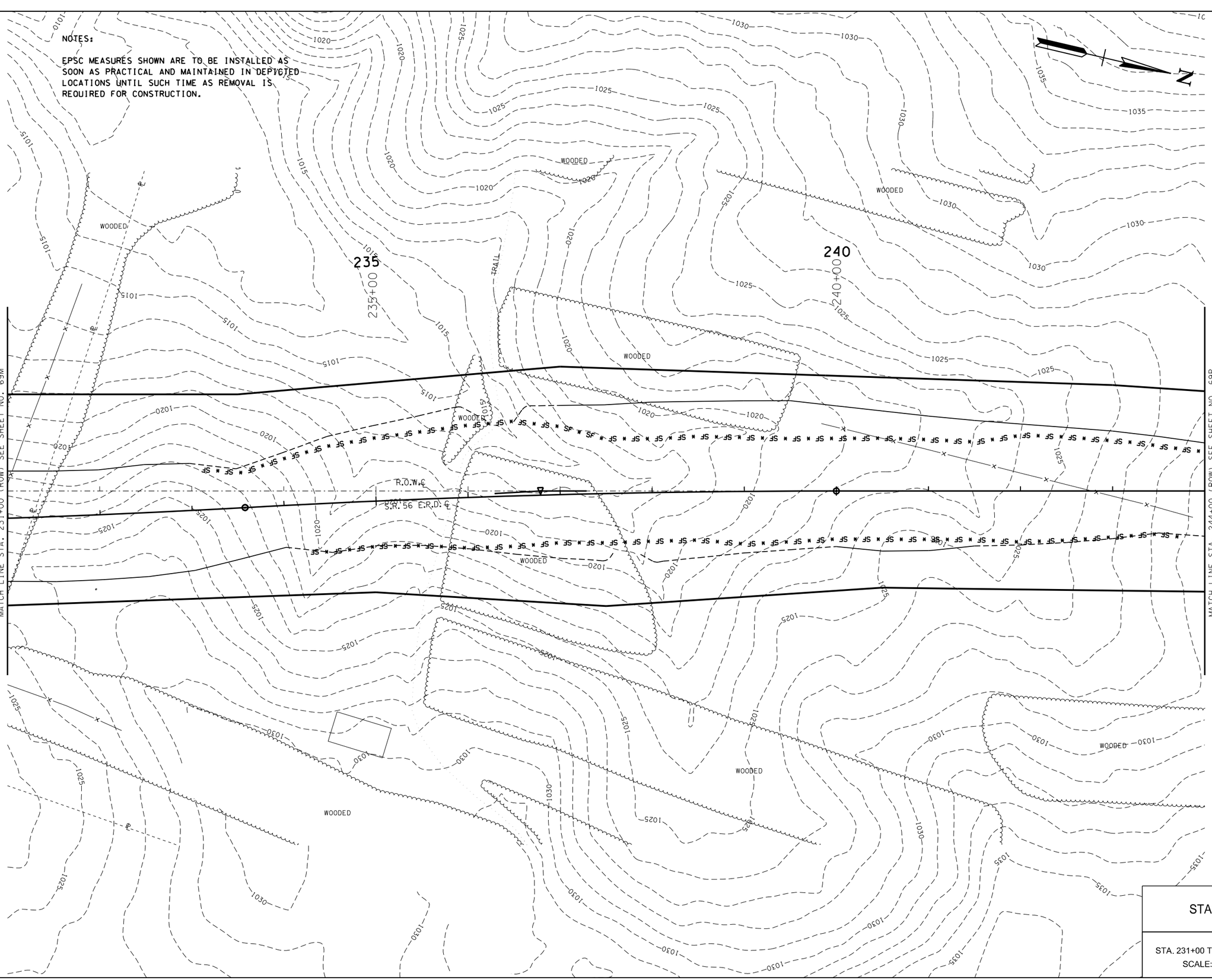
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69N
CONST.	2018	STP-56(29)	69N

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 231+00 TO STA. 244+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:27:26 AM
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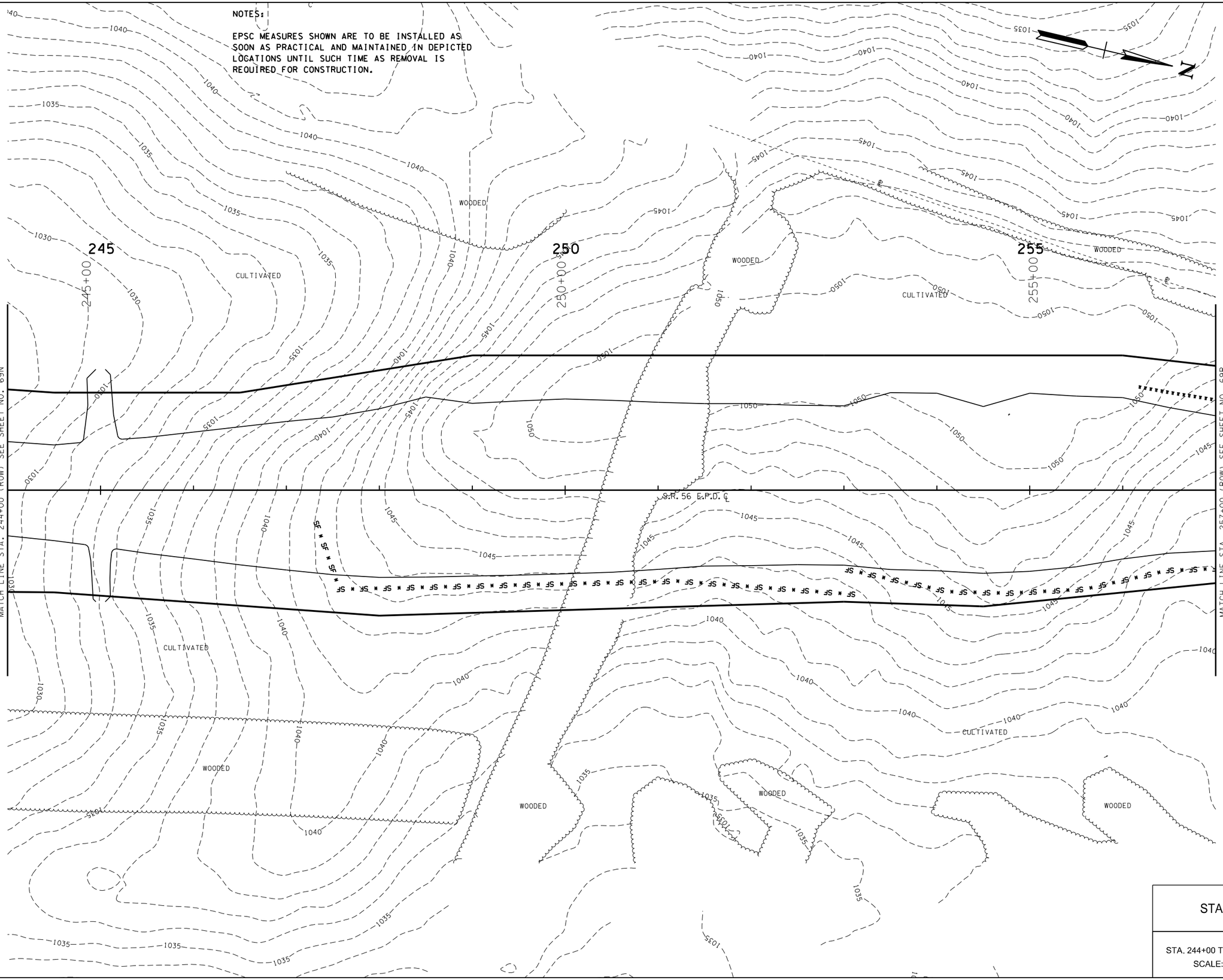
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69P
CONST.	2018	STP-56(29)	69P

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE AND INSURANCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 244+00 TO STA. 257+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:27:37 AM
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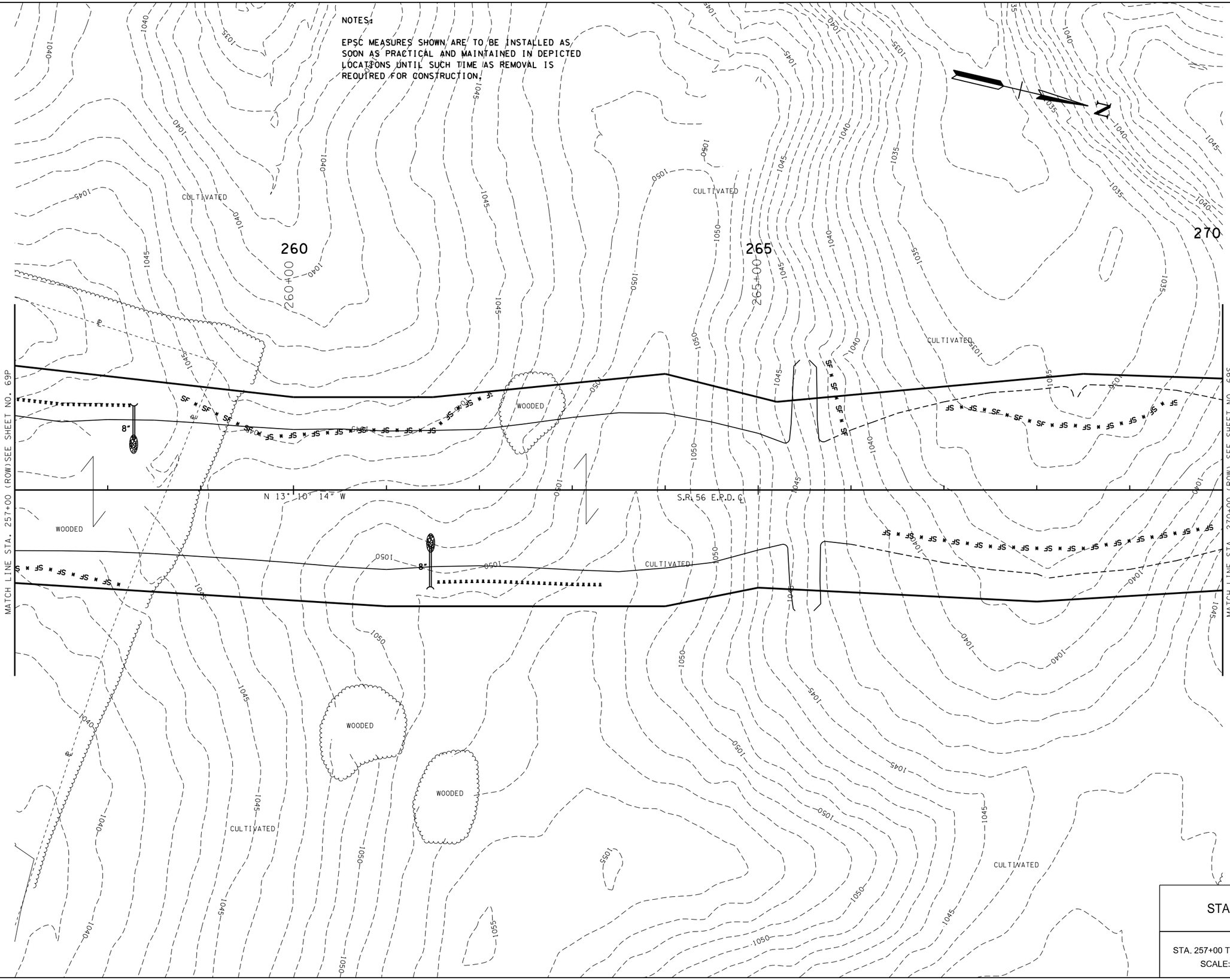
NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69R
CONST.	2018	STP-56(29)	69R

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
AND INSPECTION
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 257+00 TO STA. 270+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:21:47 AM
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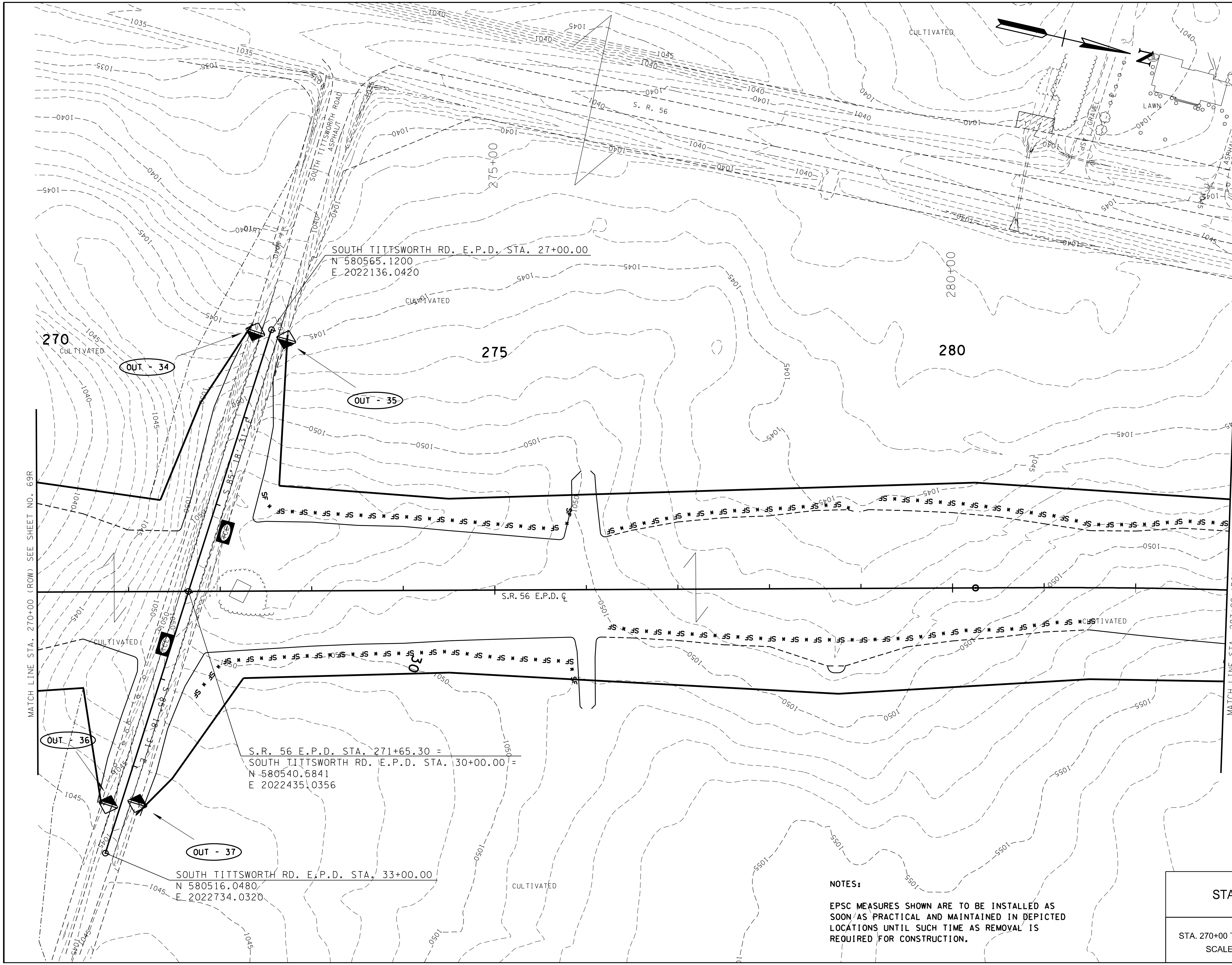
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69S
CONST.	2018	STP-56(29)	69S

REV. 02-08-17: ADDED SHEET.



NOTES:

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E.P.D.

SEALED BY

Brian H. Trotter, Registered Engineer, No. 104219, State of Tennessee

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 270+00 TO STA. 283+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69T
CONST.	2018	STP-56(29)	69T

REV. 02-08-17: ADDED SHEET.

S. COLLEGE ST. E.P.D. STA. 35+81.99 =
S.R. 56 CONNECTOR E.P.D. STA. 26+58.87 =
N 582326.2777
E 2021802.8909

S. COLLEGE ST. E.P.D. STA. 30+00.00
N 581745.9000
E 2021801.0350

S. COLLEGE ST. E.P.D. STA. 37+24.85
N 582468.7245
E 2021792.0850

S.R. 56 E.P.D. STA. 289+80.00 =
S.R. 56 CONNECTOR E.P.D. STA. 30+00.00 =
N 582322.7794
E 2022143.0285

OUT - 40A

OUT - 40

S. COLLEGE STREET

S. R. 56

N 5° 09' 08" E

N 4° 20' 17" W

N 89° 39' 43" E

S 84° 40' 27" E

285+00

290+00

295+00

285

290

295

30

35

GRAVEL

GRASS

UNCULTIVATED

CULTIVATED

ASPHALT

DR

S.R. 56 E.P.D. ℄

MATCH LINE STA. 283+00 (ROW) SEE SHEET NO. 69S

MATCH LINE STA. 296+00 (ROW) SEE SHEET NO. 69U

12"

15"

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
NO. 104319
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 283+00 TO STA. 296+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

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NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE LEFT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69U
CONST.	2018	STP-56(29)	69U

REV. 02-08-17: ADDED SHEET.

VAUGHN LANE E.P.I.D. STA. 25+70.20
N 583284.6900
E 2022004.9400

300+00

305+00

300

305

30

NOTE:
UNDERCUT AND REMOVE UNSUITABLE MATERIAL LEFT OF STA. 304+00.00 TO STA. 306+76.75 AS SHOWN ON THE CROSS SECTIONS AND IDENTIFIED AS WTL-3 ON SHEET 18J. SUITABLE MATERIAL FROM EXCESS EXCAVATION SHALL BE PLACED TO SUBGRADE COMPACTION SPECIFICATIONS, TOPSOILED, AND SODDED.

VAUGHN LANE

S 85° 35' 41" E

N 27° 52' 54" E

S.R. 56 E.P.D. C

S.R. 56

FIELD

PASTURE

GRAVEL

GRAVEL

ASPHALT

WTL-3
WETLAND

WTL-4
WETLAND

POND
WTL-4

POND
OVERFLOW

POND

CULTIVATED

WOODED

ASPHALT

OUT - 41A

OUT - 43A

OUT - 43B

OUT - 43

TCE

MATCH LINE STA. 296+00 (ROW) SEE SHEET NO. 69T

MATCH LINE STA. 309+00 (ROW) SEE SHEET NO. 69V

S.R. 56 E.P.D. STA. 299+62.55
VAUGHN LANE E.P.D. STA. 30+00.45 =
N 583254.1381
E 2022434.1072

NOTE:
THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-3 OR WTL-4 AND THAT THE WETLANDS AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCERT AT THE PERMITTED LOCATIONS.

CONSTRUCT 93' OF TYPE I TURBIDITY CURTAIN FOR POND PROTECTION.

VAUGHN LANE E.P.D. STA. 33+25.01
N 583231.0920
E 2022757.8396

LEGEND	WETLAND IMPACTS	
	WTL-3	AREA OF PERMANENT IMPACT = 0.213 AC VOLUME OF PERMANENT IMPACT = 344 CY

LEGEND	WETLAND IMPACTS	
	WTL-3	AREA OF PERMANENT IMPACT = 0.213 AC VOLUME OF PERMANENT IMPACT = 344 CY

LEGEND	WETLAND IMPACTS	
	WTL-4	AREA OF PERMANENT IMPACT = 0.010 AC VOLUME OF PERMANENT IMPACT = 28 CY.
NOTE: POND IMPACTS ARE INCLUDED IN WTL-4 IMPACTS.		AREA OF TEMPORARY IMPACT = 0.023 AC

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 296+00 TO STA. 309+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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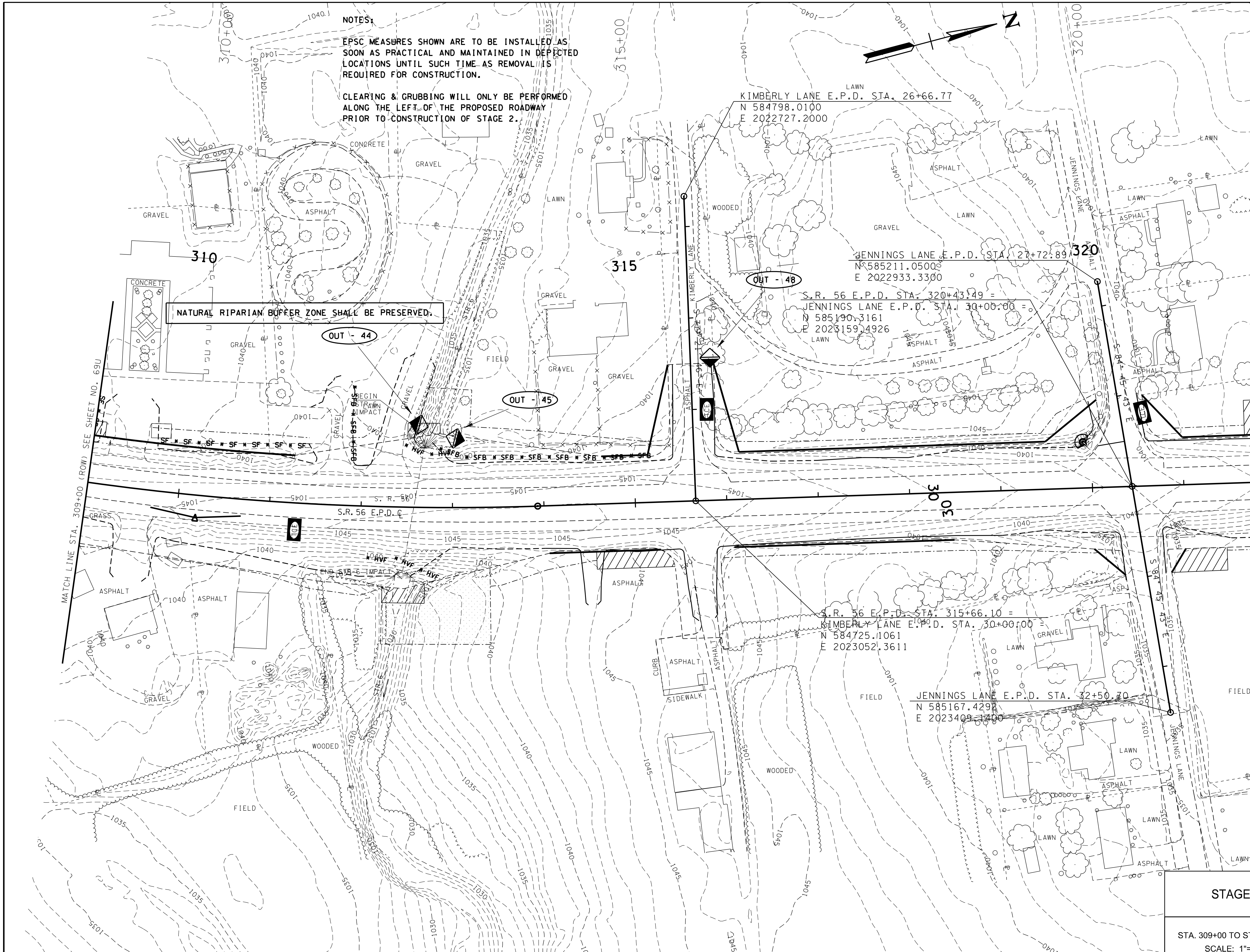
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69V
CONST.	2018	STP-56(29)	69V

REV. 02-08-17: ADDED SHEET.

NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE LEFT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.



E.P.D.

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Brian H. Trotter
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AGRICULTURE COMMERCE
NO. 104219
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 309+00 TO STA. 322+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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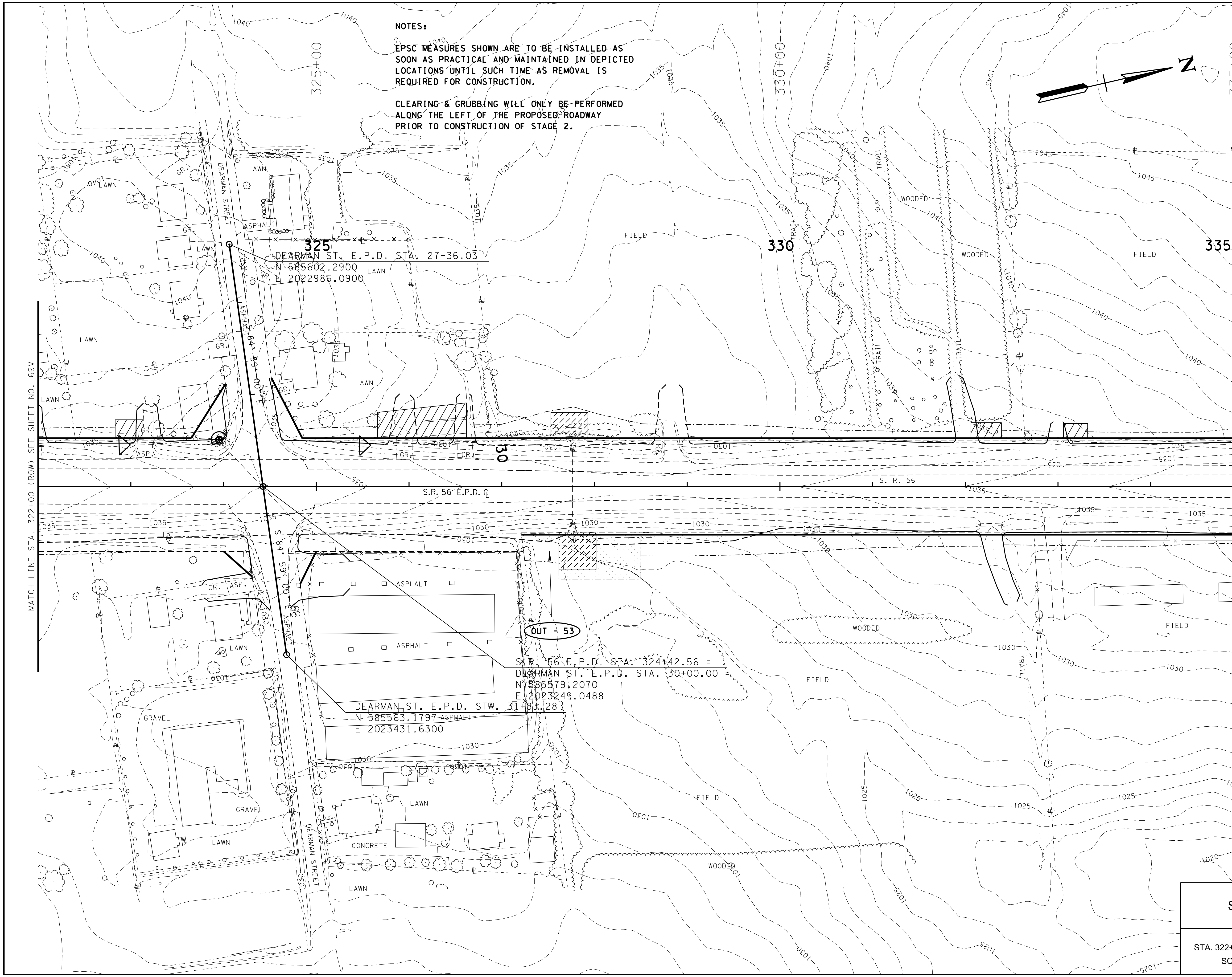
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69W
CONST.	2018	STP-56(29)	69W

REV. 02-08-17: ADDED SHEET.

NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE LEFT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.



E.P.D.

SEALED BY

Brian H. Trotter
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AGRICULTURE
COMMERCE
NO. 104219
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 322+00 TO STA. 335+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE LEFT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69X
CONST.	2018	STP-56(29)	69X

REV. 02-08-17: ADDED SHEET.

NATURAL RIPARIAN BUFFER ZONE SHALL BE PRESERVED.

JOE TITTSWORTH ST. E.P.D. STA. 27+60.74
N 586857.3100
E 2023298.5300

S. R. 56 E.P.D. STA. 337+16.85
JOE TITTSWORTH ST. E.P.D. STA. 30+00.00 =
N 586821.0401
E 2023535.0289

N 12° 58' 06" E

MATCH LINE STA. 335+00 (ROW) SEE SHEET NO. 69W

MATCH LINE STA. 348+00 (ROW) SEE SHEET NO. 69Y

E.P.D.

SEALED BY

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AGRICULTURE
COMMISSION NO. 108218
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 335+00 TO STA. 348+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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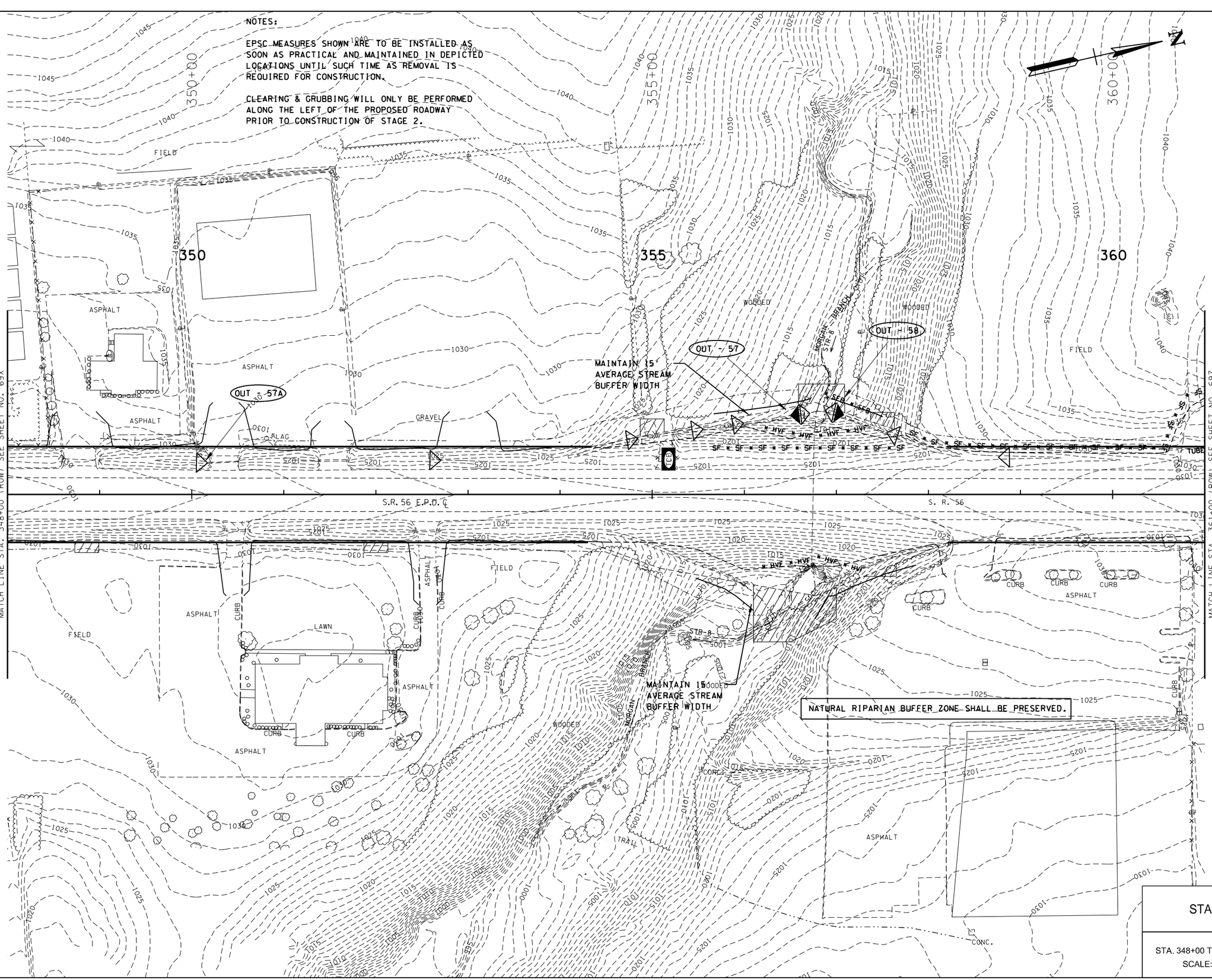
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69Y
CONST.	2018	STP-56(29)	69Y

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 102171
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 348+00 TO STA. 361+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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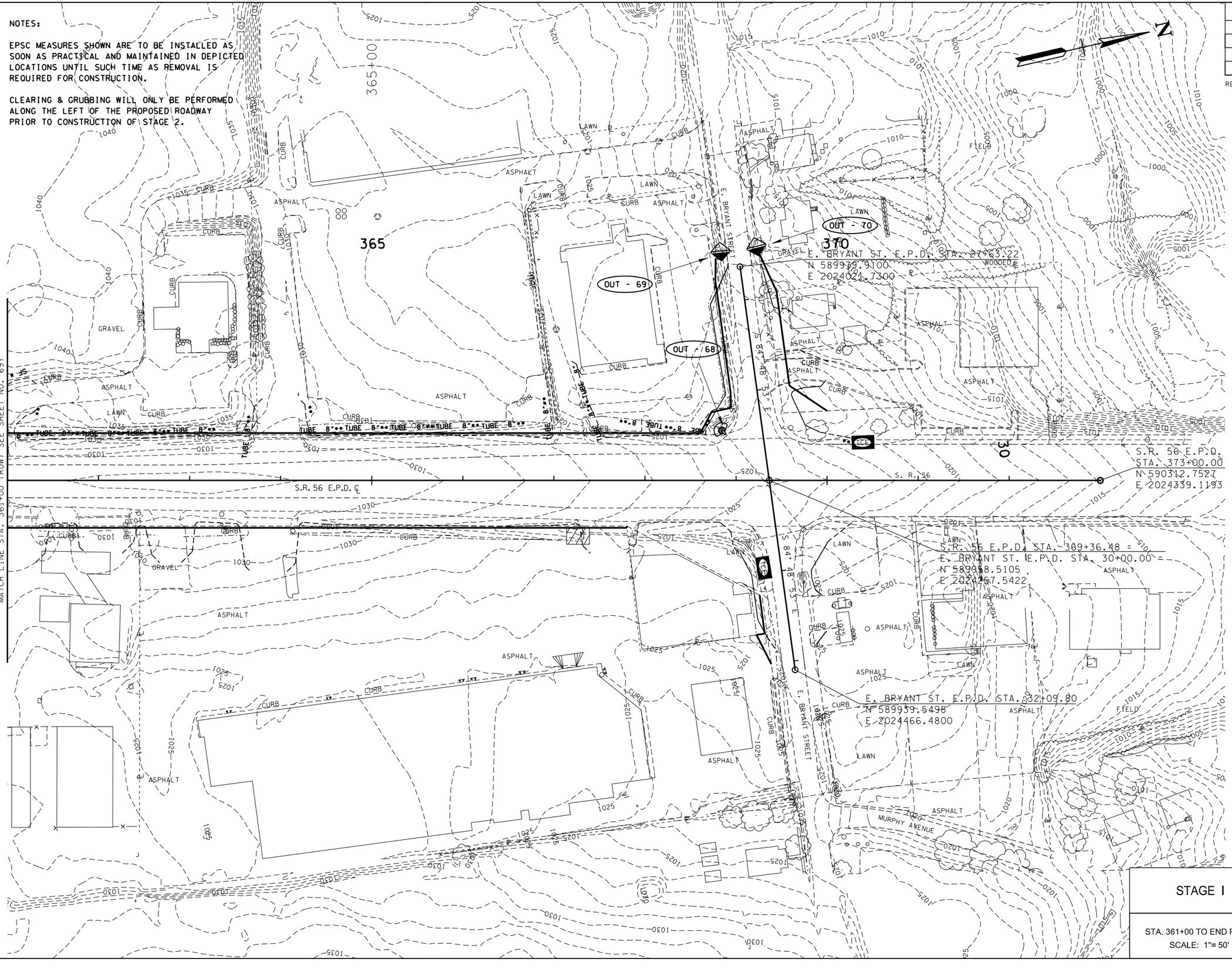
CLEARING & GRUBBING WILL ONLY BE PERFORMED ALONG THE LEFT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 2.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69Z
CONST.	2018	STP-56(29)	69Z

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE I

STA. 361+00 TO END PROJ.
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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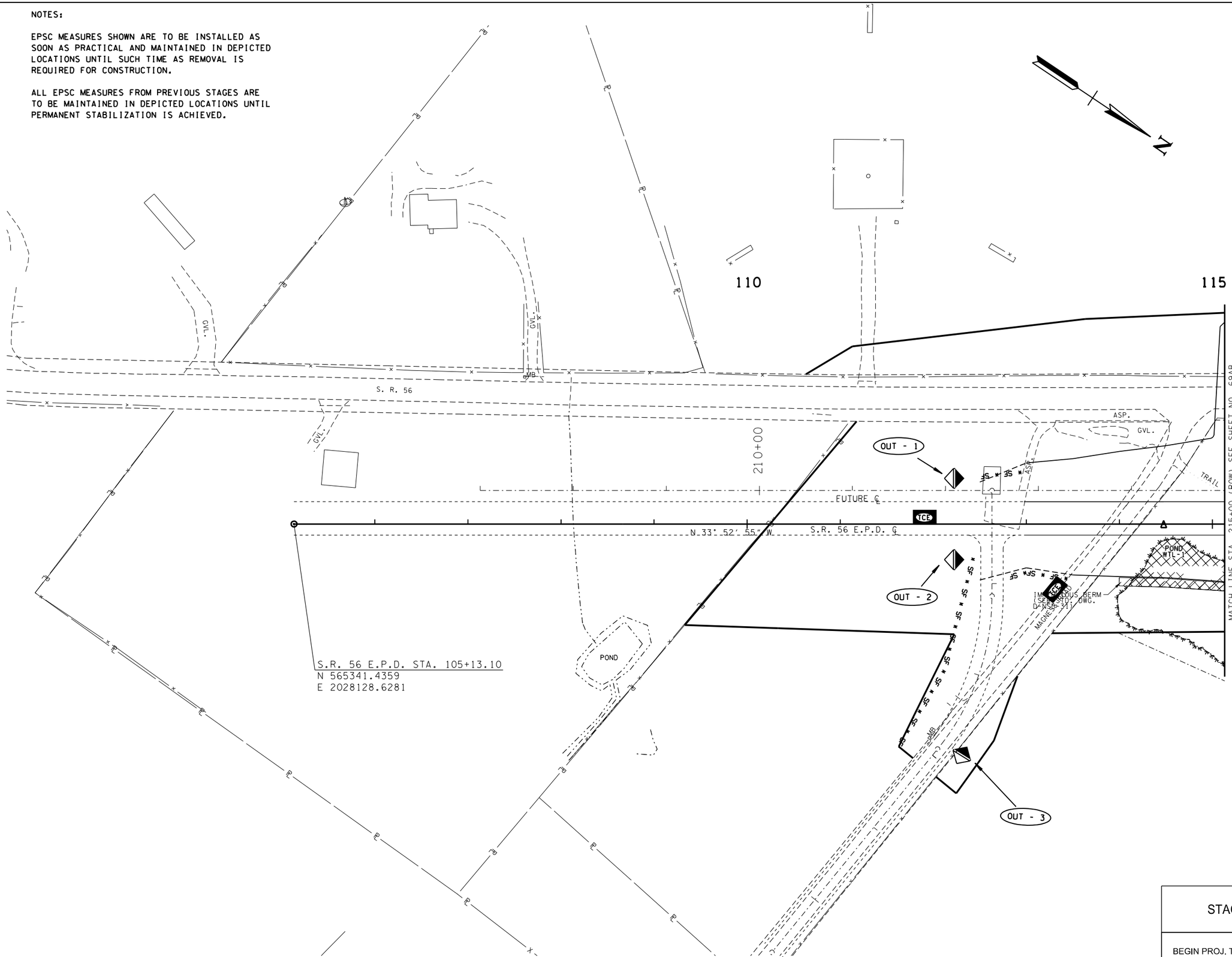
ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AA
CONST.	2018	STP-56(29)	69AA

REV. 02-08-17: ADDED SHEET.



E.P.D.

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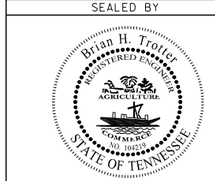

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

BEGIN PROJ. TO STA. 215+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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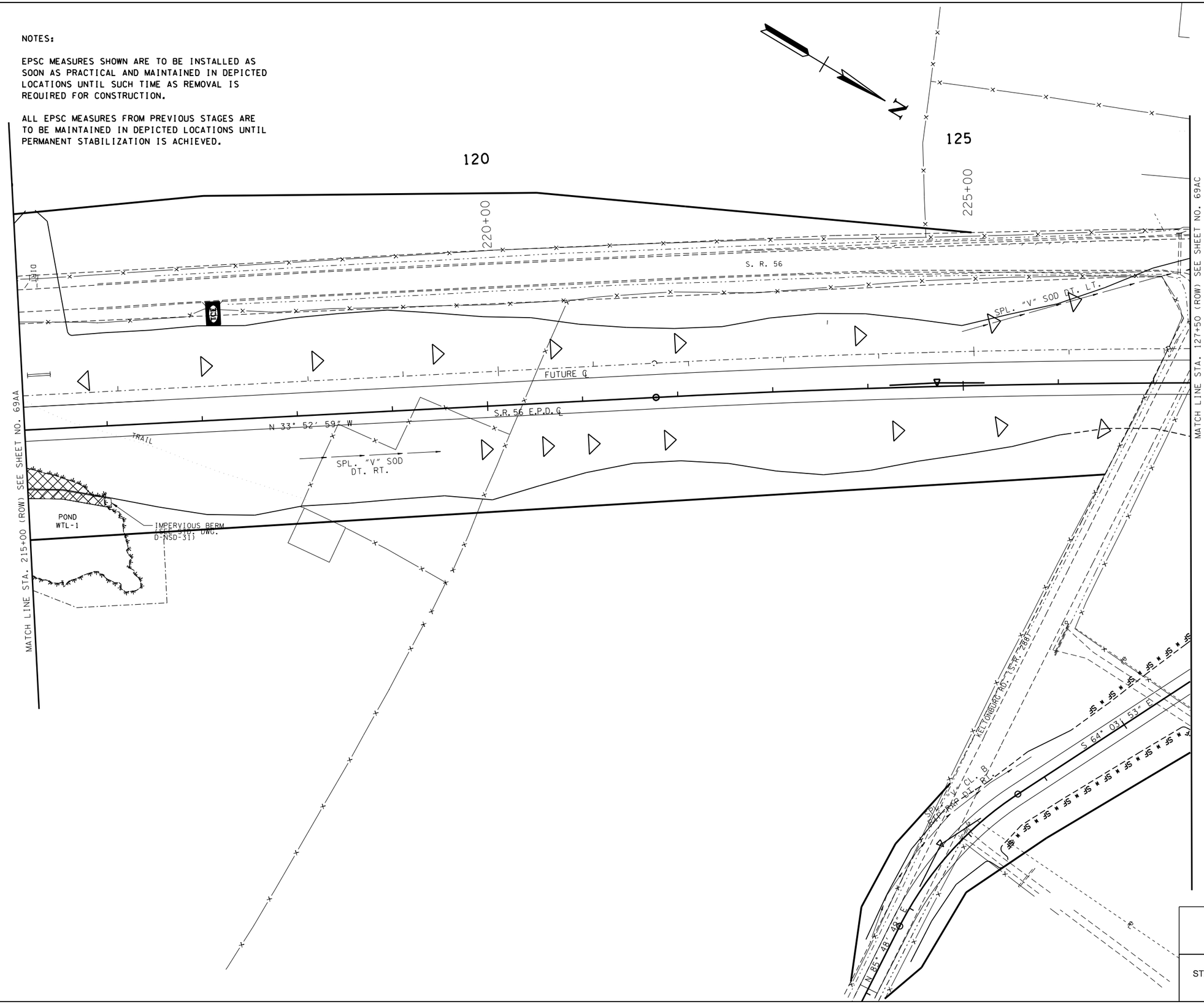
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AB
CONST.	2018	STP-56(29)	69AB

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 108370
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 215+00 TO STA. 127+50
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AC
CONST.	2018	STP-56(29)	69AC

REV. 02-08-17: ADDED SHEET.

S.R. 56 E.P.D. STA. 129+28.80 =
BLUE SPRINGS RD. E.P.D. STA. 30+37.06 =
N 567359.6603
E 2026801.7354

BLUE SPRINGS RD. E.P.D. STA. 25+72.92
N 576206.2420
E 2026364.2160

130+00

135+00

N

GRAVEL

TRAIL

POND

WELL

WELL

GRAVEL

GRAVEL

ASPHALT

GRAVEL

ASPHALT

130

135

140

BLUE SPRINGS ROAD

N 66° 07' 03" E

OUT - 9

SPL. "V" SOD
DT. LT.

S. R. 56

TCE

N 72° 47' 50" E

MATCH LINE STA. 127+00 (ROW) SEE SHEET NO. 69AB

MATCH LINE STA. 140+00 (ROW) SEE SHEET NO. 69AD

R.O.W.℄

N 30° 55' 11" W

S.R. 56 E.P.D. ℄

30

N 72° 50' 59" E

N 72° 50' 04" E

WWC-2/EPH-2

WWC-2/EPH-2

SPL. "V" SOD
DT. LT.

SPL. "V" RIP-RAP
DT. RT.

SPL. RIP-RAP
DT. LT.

RIP-RAP DT. LT.

OUT - 8

OUT - 10

OUT - 7

S.R. 56 E.P.D. STA. 129+28.80=
S.R. 288 E.P.D. STA. 30+37.06 =
N 567359.6603
E 2026801.7354

CONSTRUCT 178' OF 6' TEMPORARY DIVERSION CHANNEL. EC-STR-31 AND EC-STR-31A.

POND

NOTES:

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E.P.D.

SEALED BY

Brian H. Trotter
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No. 102215
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 127+50 TO STA. 140+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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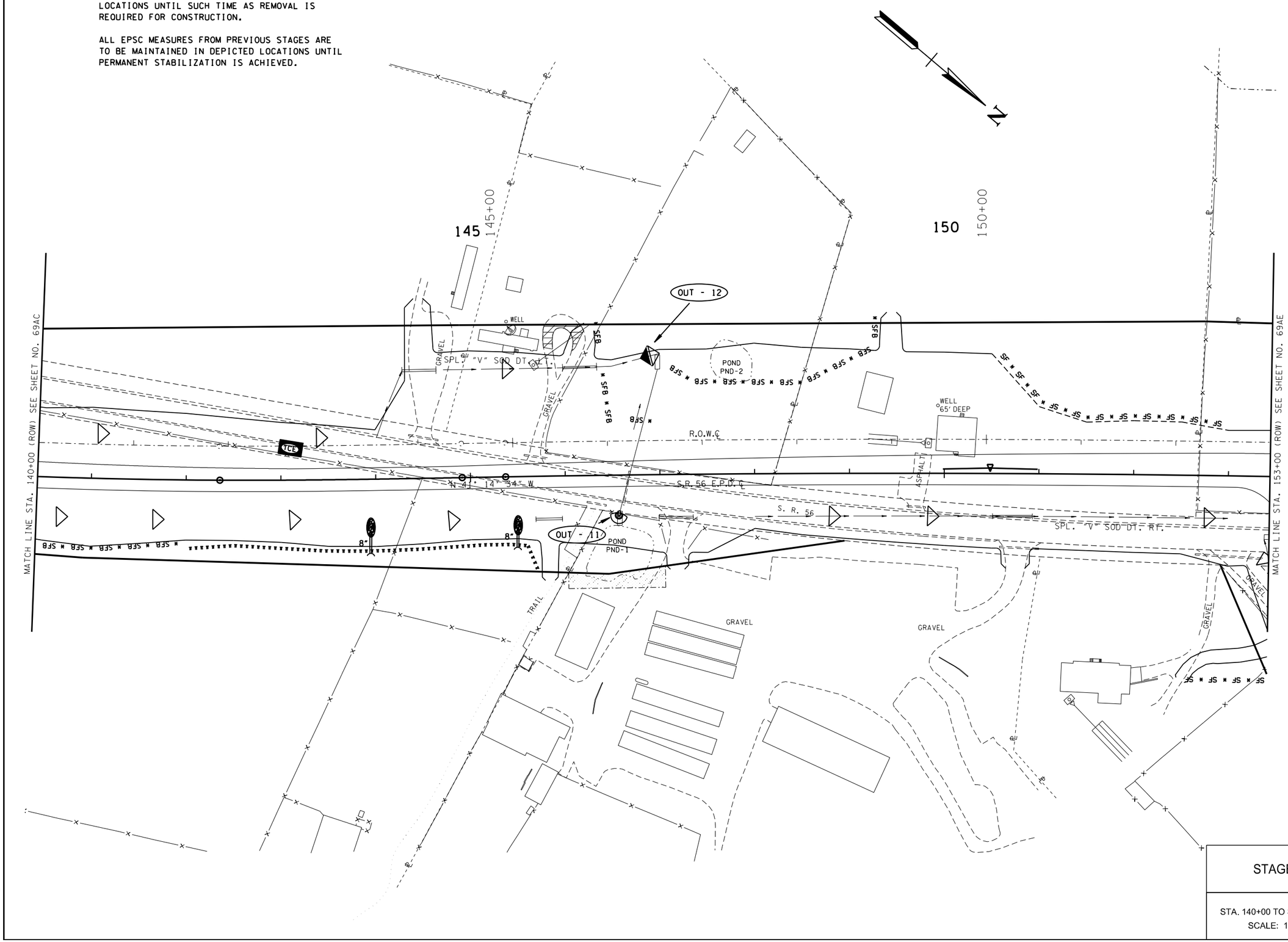
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AD
CONST.	2018	STP-56(29)	69AD

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
No. 104151
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 140+00 TO STA. 153+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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NOTES:

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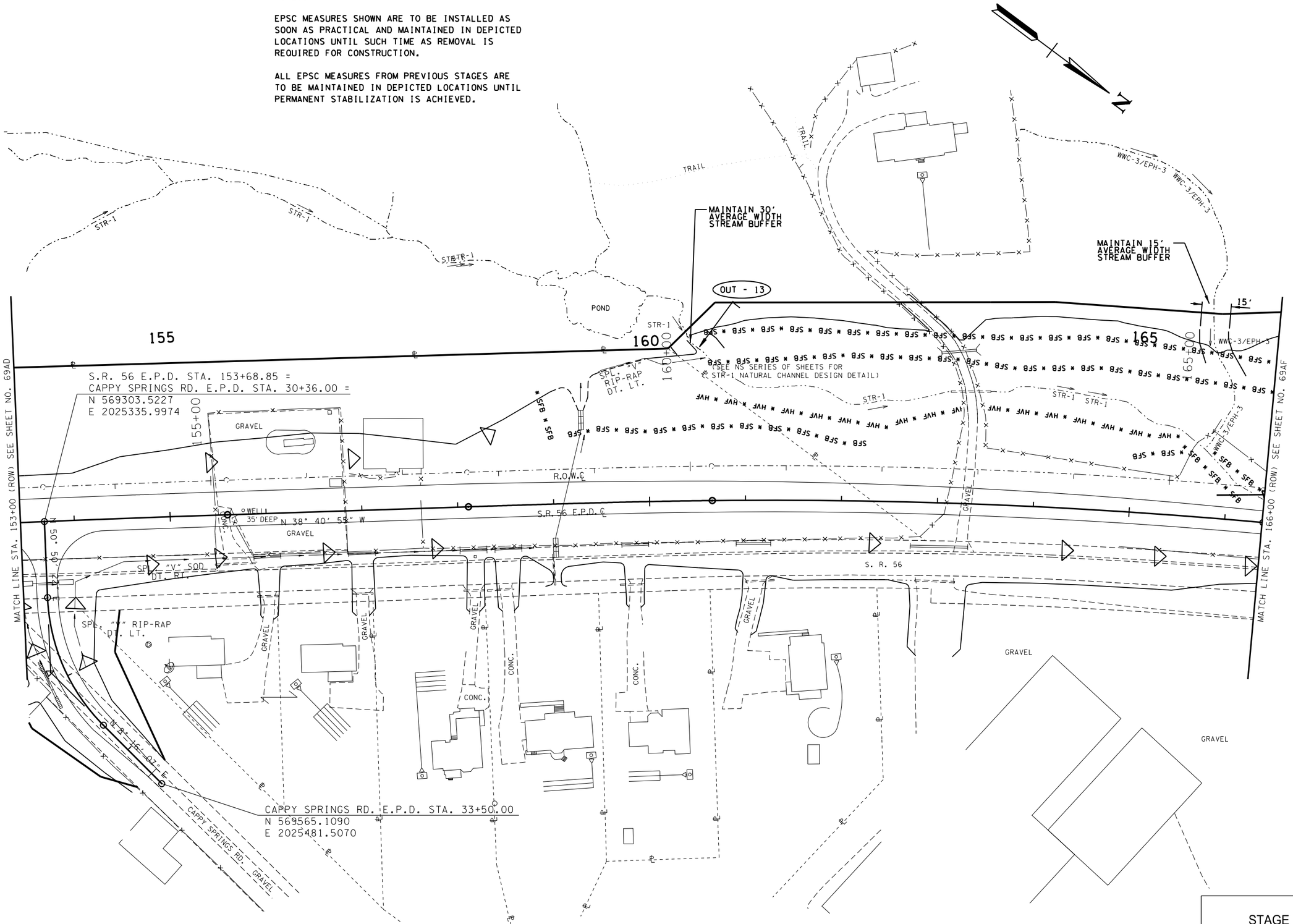
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AE
CONST.	2018	STP-56(29)	69AE

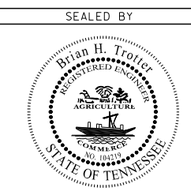
REV. 02-08-17: ADDED SHEET.

REV. 03-20-18: REVISED STR-1 AND SFB.



E.P.D.

SEALED BY



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 153+00 TO STA. 166+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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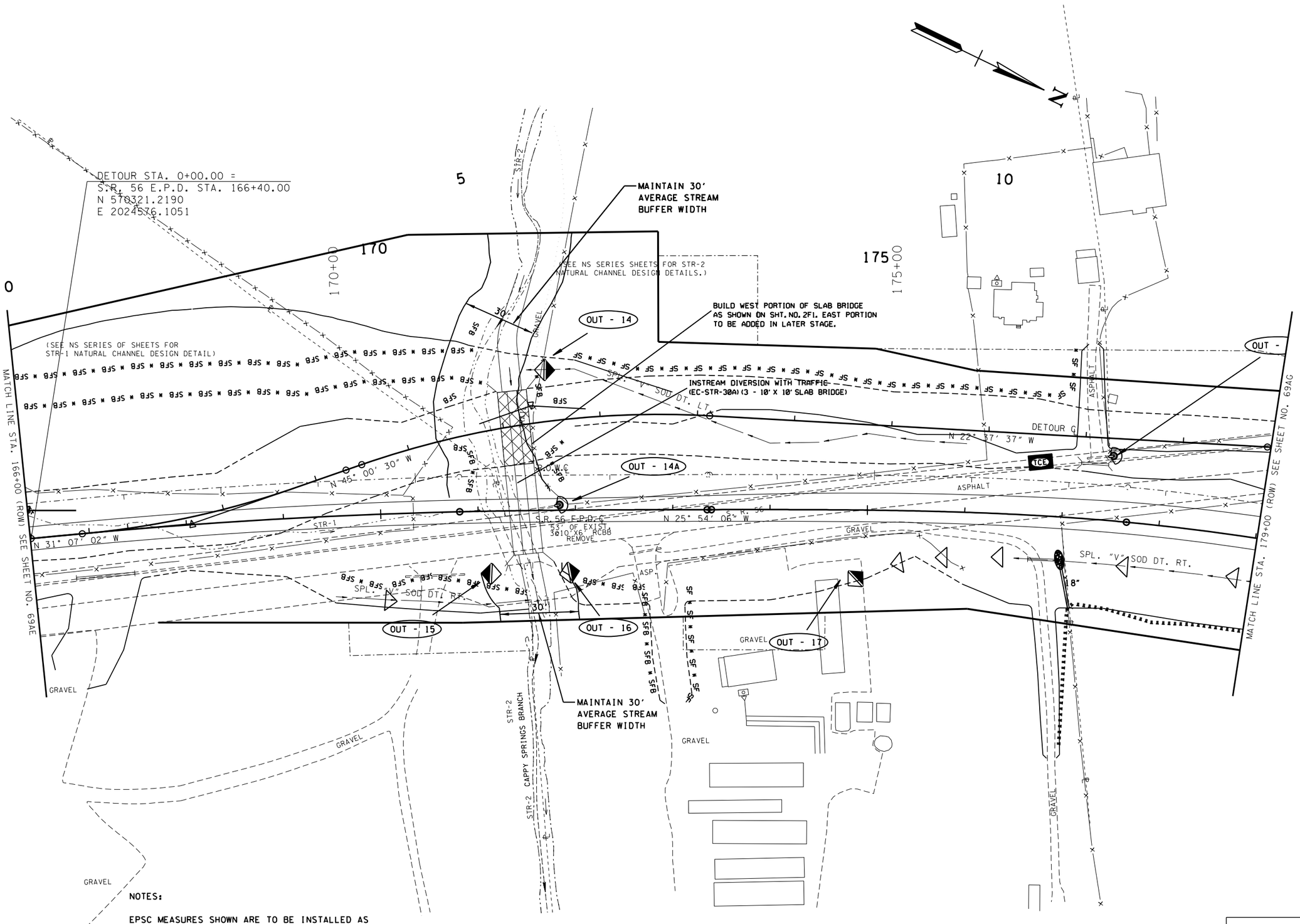
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AF
CONST.	2018	STP-56(29)	69AF

REV. 02-08-17: ADDED SHEET.

REV. 03-20-18: REVISED STR-1 AND SFB.



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E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 166+00 TO STA. 179+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AG
CONST.	2018	STP-56(29)	69AG

REV. 02-08-17: ADDED SHEET.

NOTES:

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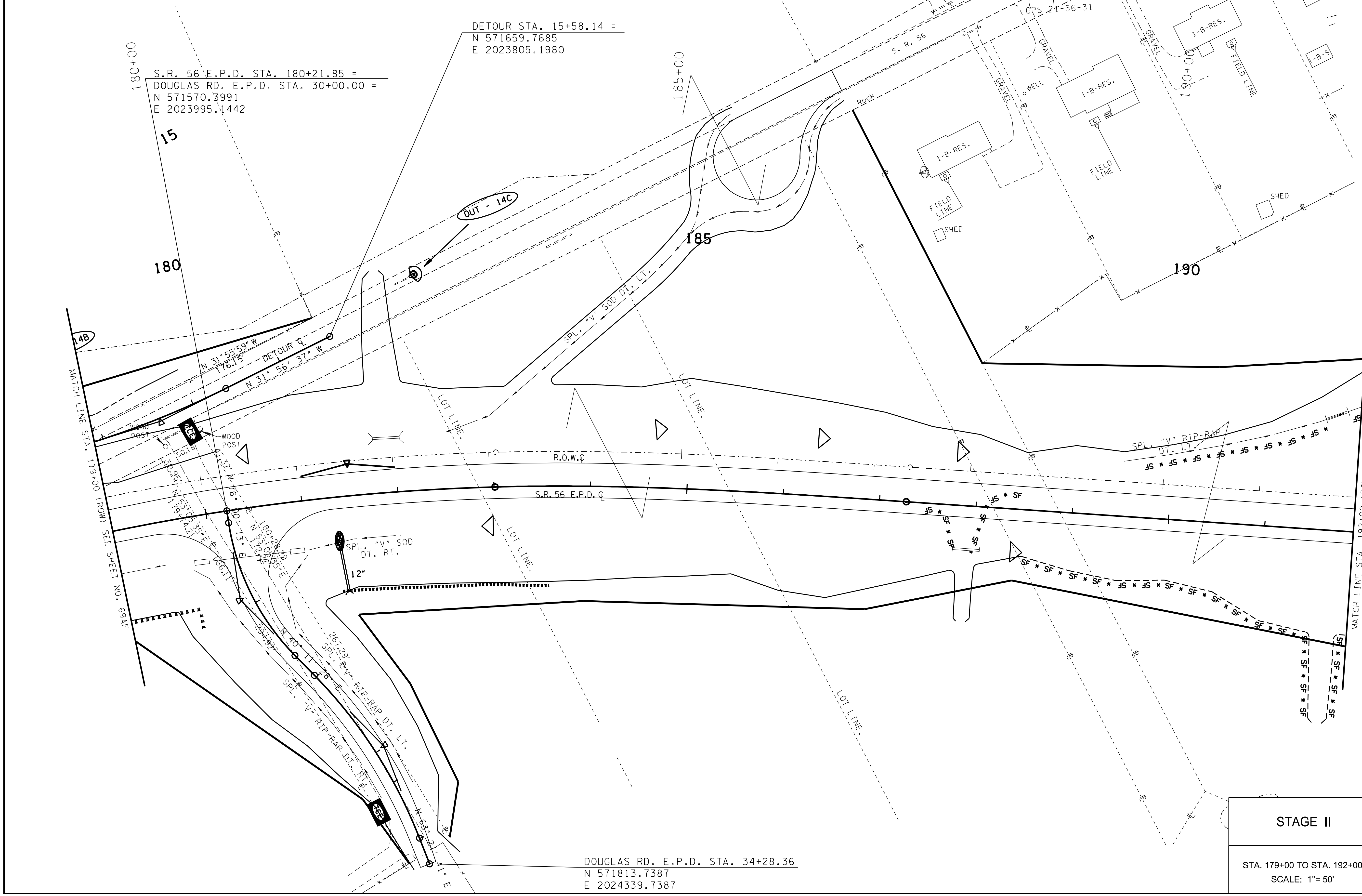
ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104219
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 179+00 TO STA. 192+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:30:48 AM
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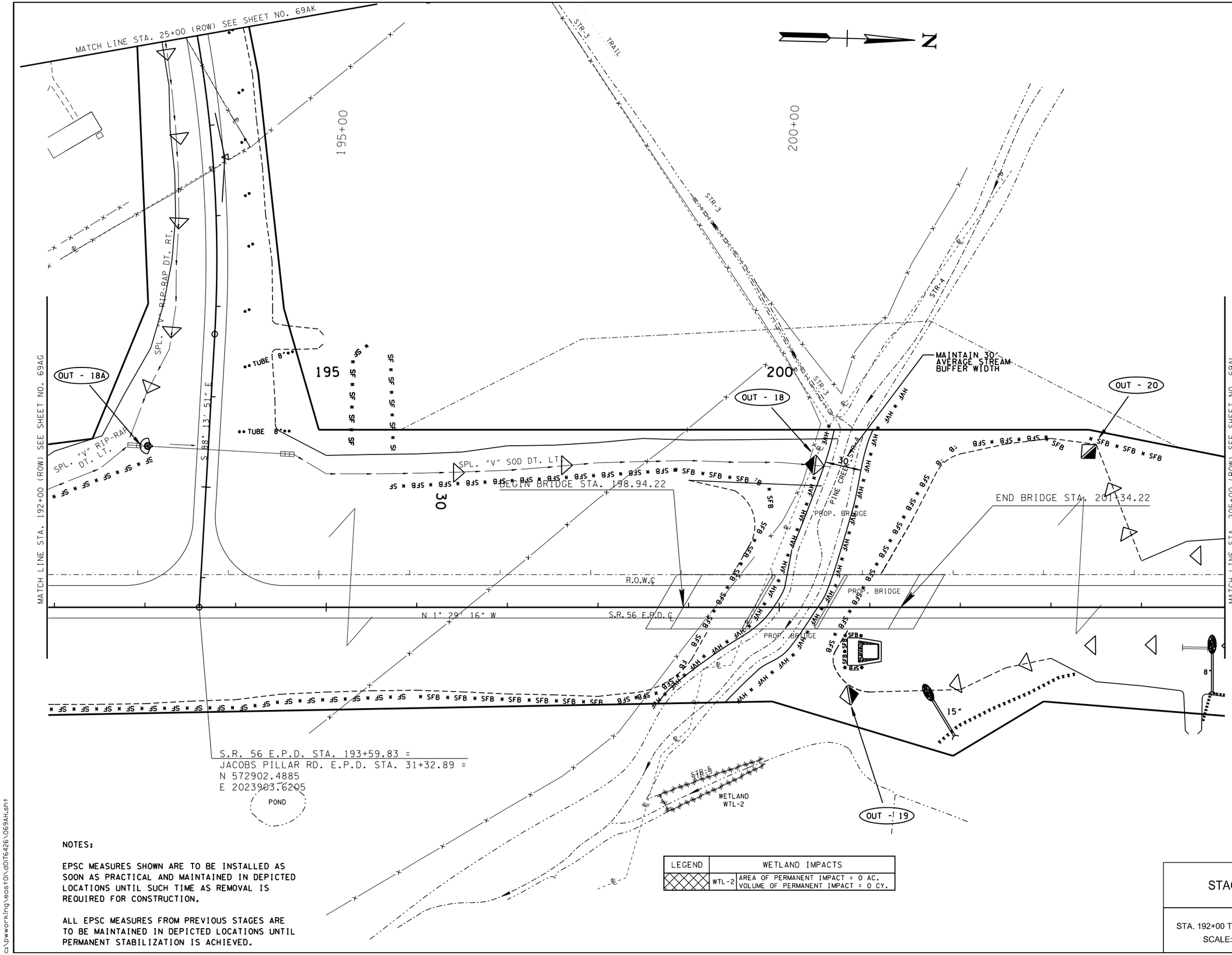
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AH
CONST.	2018	STP-56(29)	69AH

REV. 02-08-17: ADDED SHEET.



NOTES:

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

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LEGEND	WETLAND IMPACTS	
	WTL-2	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 CY.

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 192+00 TO STA. 205+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:30:59 AM
c:\pwworking\east01\d0176426\069AH.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AJ
CONST.	2018	STP-56(29)	69AJ

REV. 02-08-17: ADDED SHEET.

NOTES:

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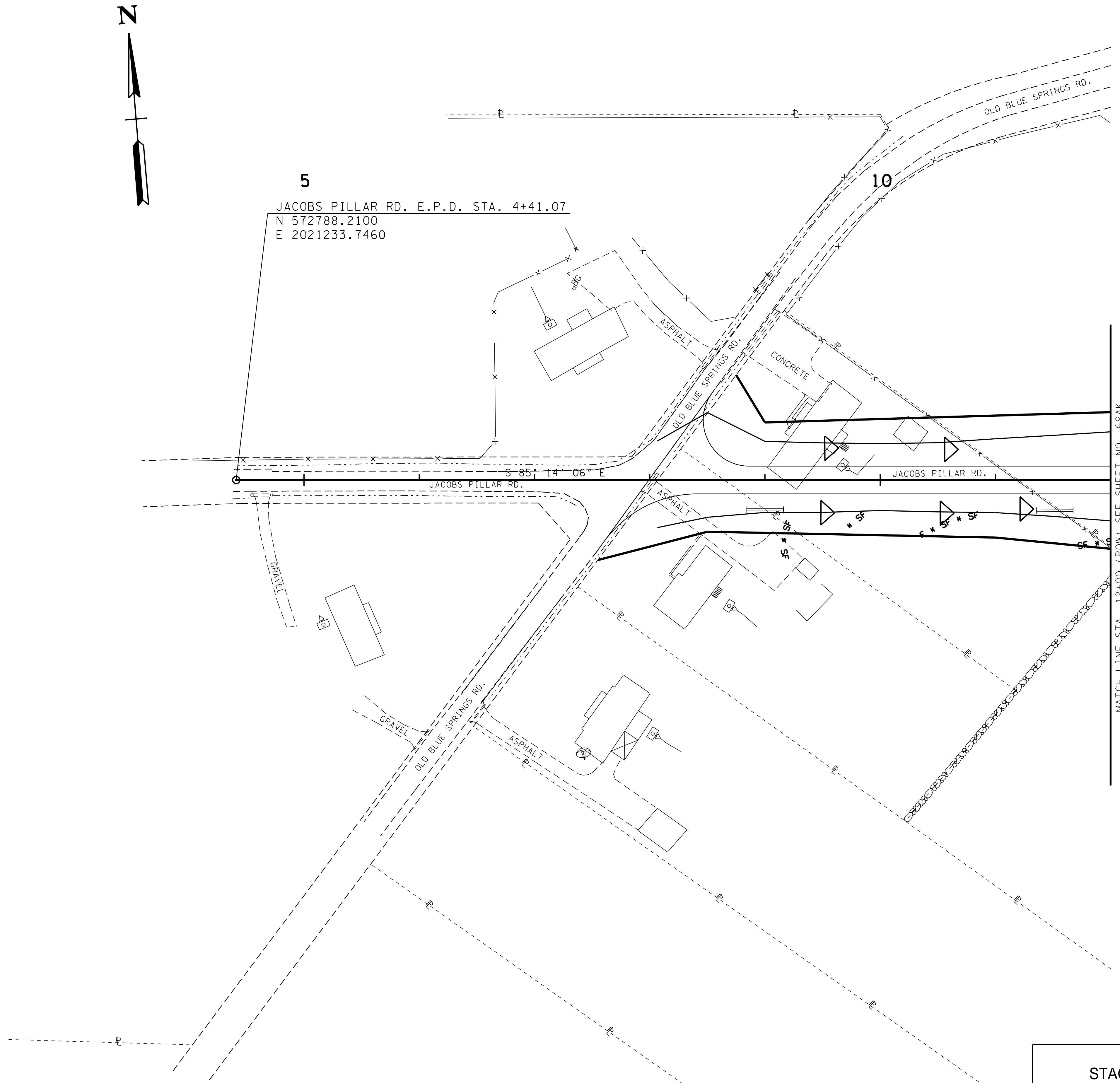

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 5+00 TO STA. 12+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:31:17 AM
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NOTES:

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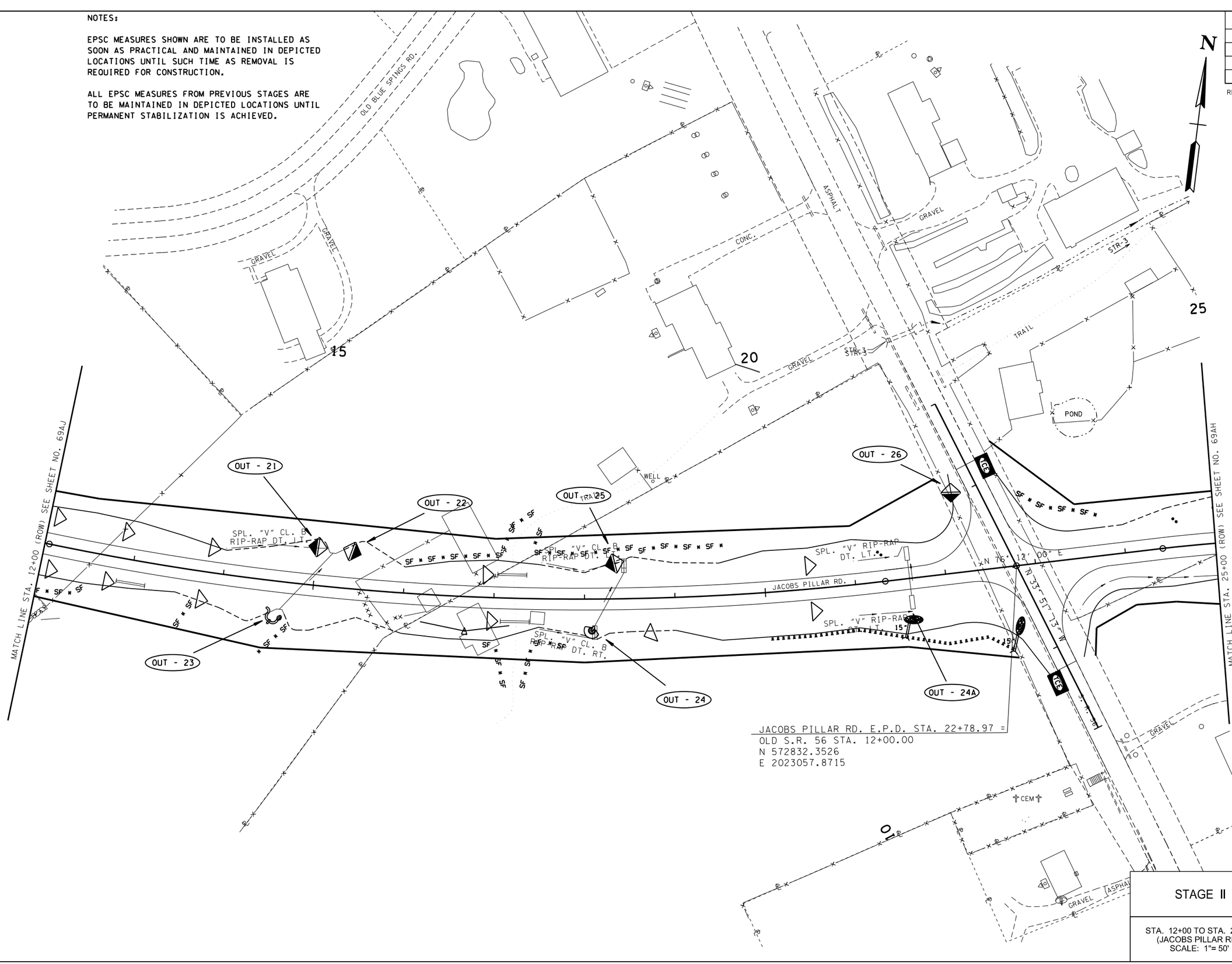
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AK
CONST.	2018	STP-56(29)	69AK

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 12+00 TO STA. 25+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:31:29 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AL
CONST.	2018	STP-56(29)	69AL

REV. 02-08-17: ADDED SHEET.

NOTES:

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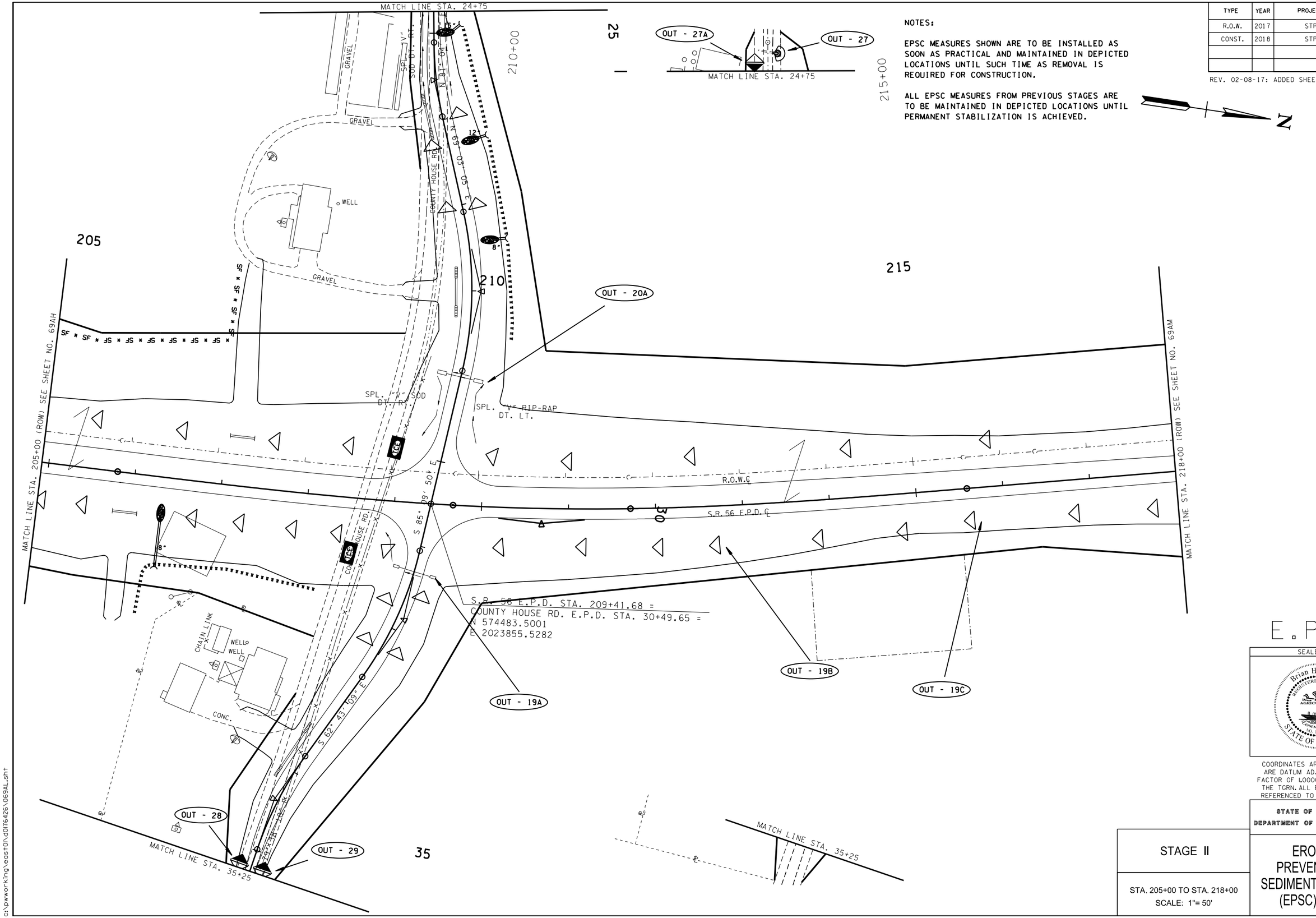
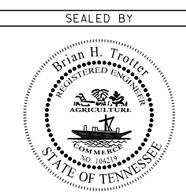


35

E.P.D.

SEALED BY



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0000095 AND TIED TO THE TCRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 205+00 TO STA. 218+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:31:40 AM
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NOTES:

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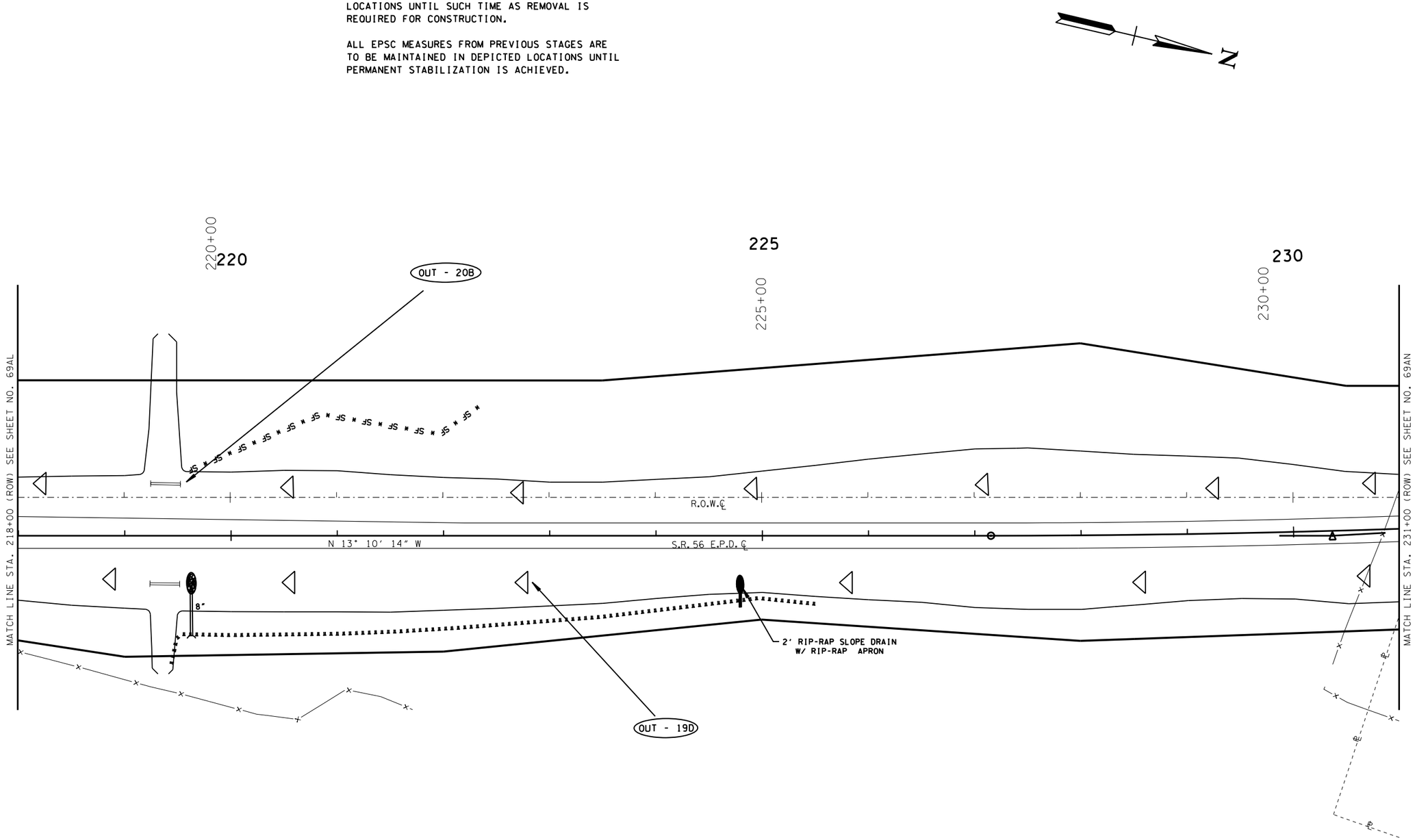
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AM
CONST.	2018	STP-56(29)	69AM

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 110219
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 218+00 TO STA. 231+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:31:52 AM
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NOTES:

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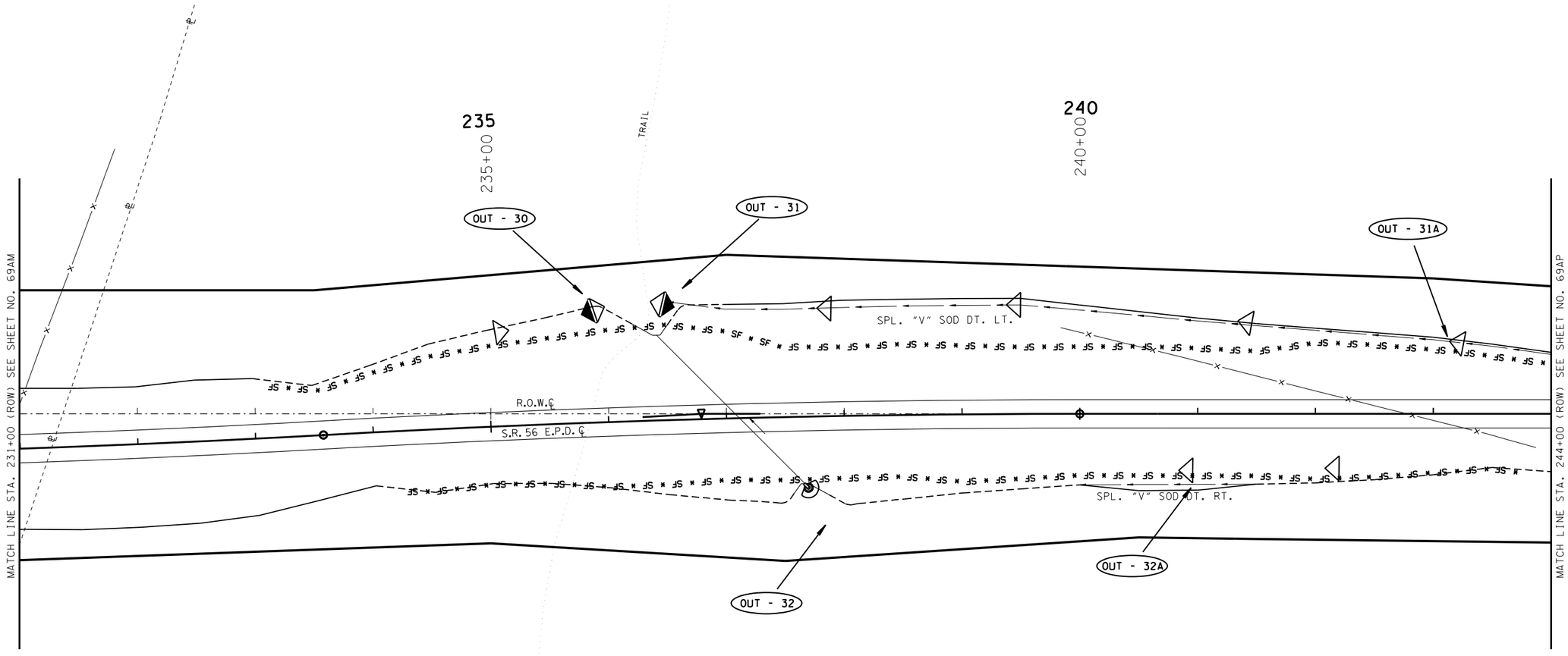
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AN
CONST.	2018	STP-56(29)	69AN

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 231+00 TO STA. 244+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:32:04 AM
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NOTES:

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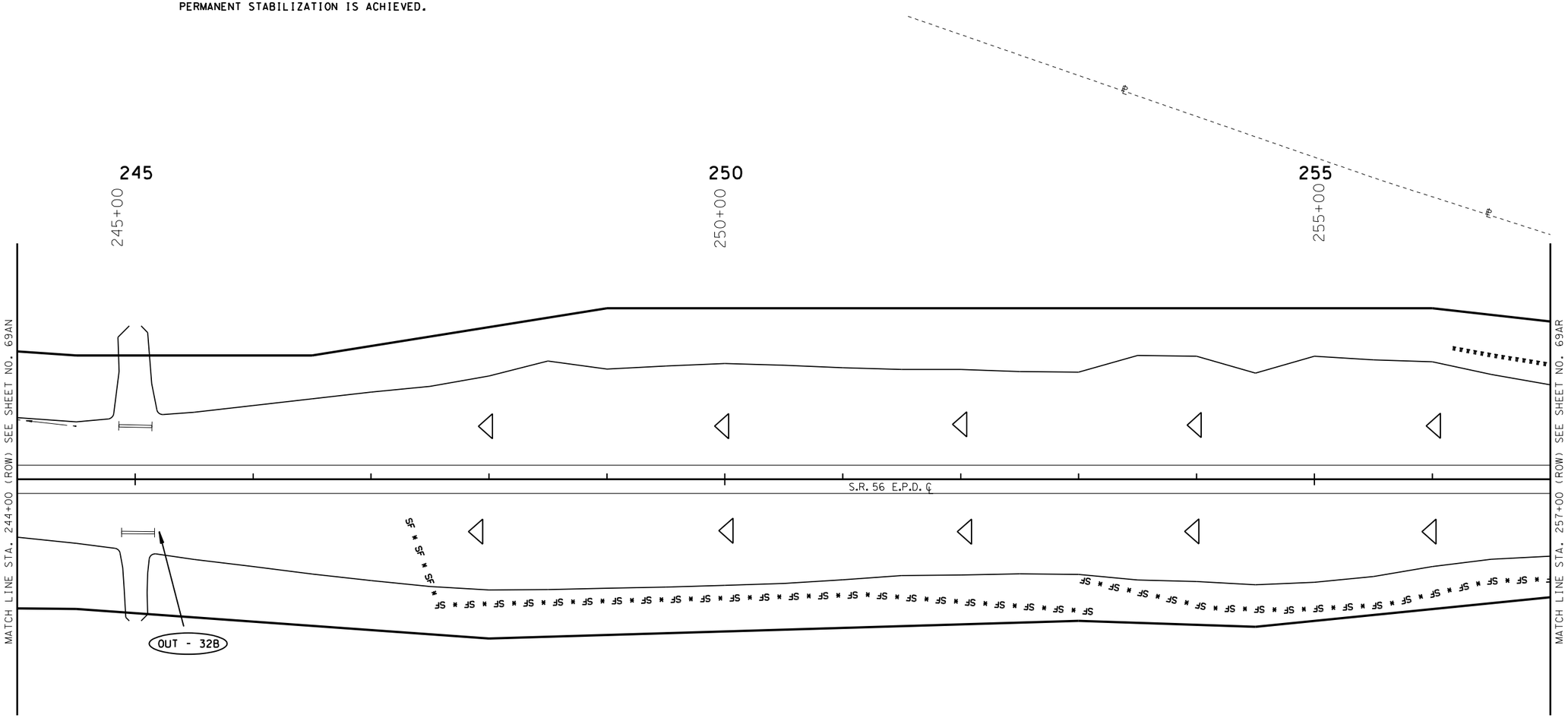
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AP
CONST.	2018	STP-56(29)	69AP

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
NO. 104219

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 244+00 TO STA. 257+00
SCALE: 1"= 50'

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS

9/19/2018 11:32:15 AM
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NOTES:

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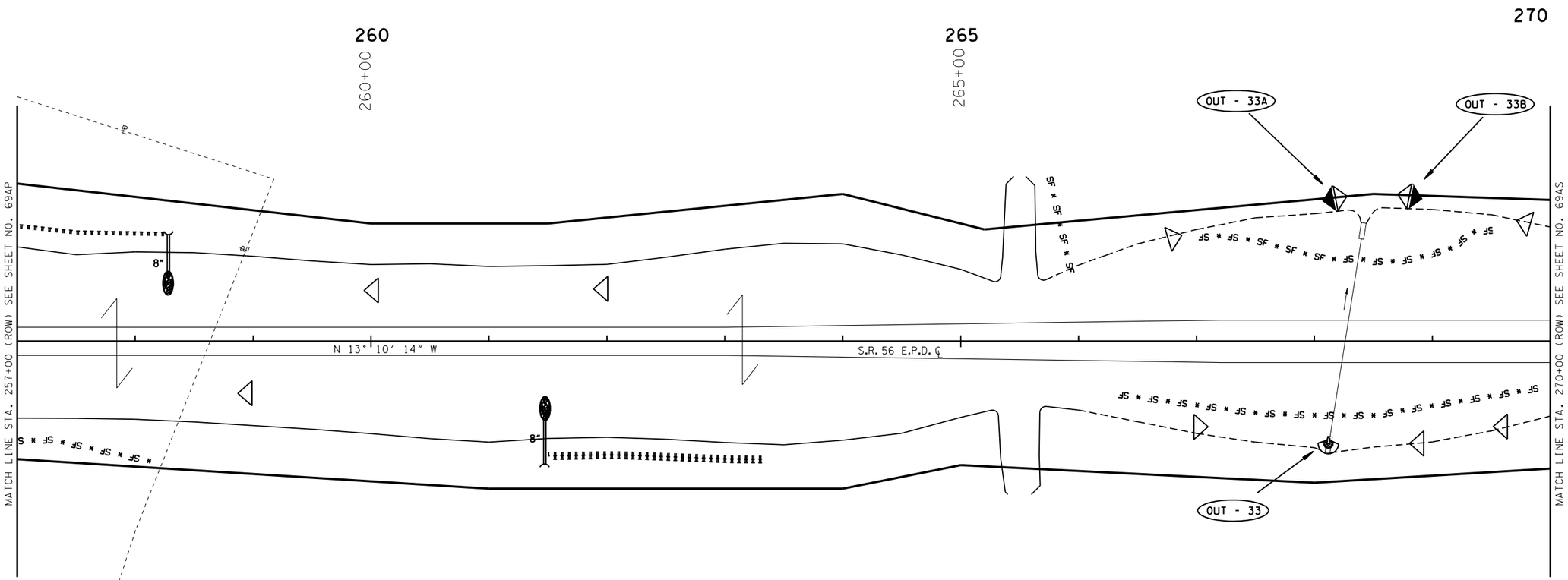
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AR
CONST.	2018	STP-56(29)	69AR

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 257+00 TO STA. 270+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:32:26 AM
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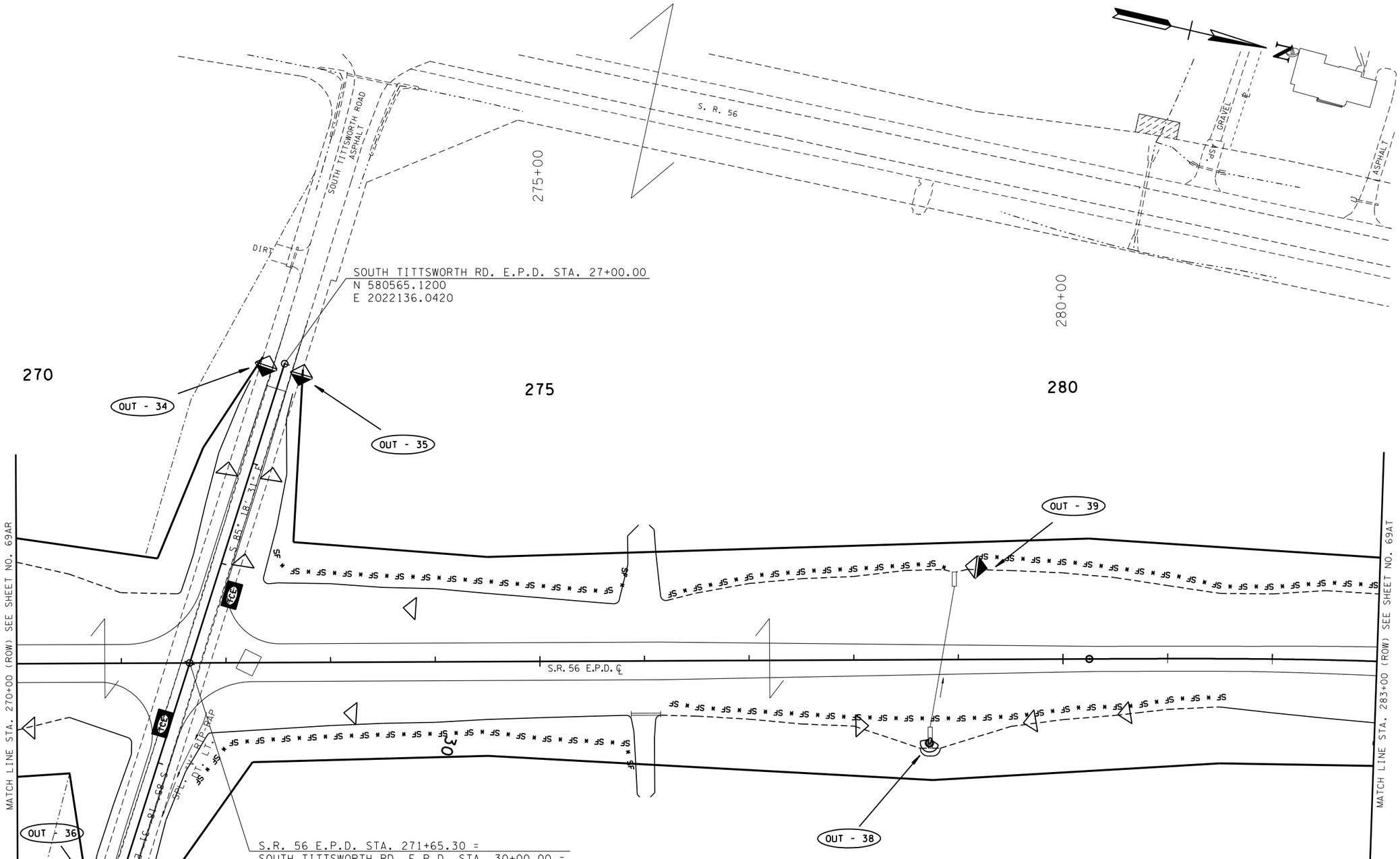
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AS
CONST.	2018	STP-56(29)	69AS

REV. 02-08-17: ADDED SHEET.



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E.P.D.

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 270+00 TO STA. 283+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:32:37 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AT
CONST.	2018	STP-56(29)	69AT

REV. 02-08-17: ADDED SHEET.

30

35

S. COLLEGE ST. E.P.D. STA. 35+81.99 =
S.R. 56 CONNECTOR E.P.D. STA. 26+58.87 =
N 582326.2777
E 2021802.8909

S. COLLEGE ST. E.P.D. STA. 37+24.85
N 582468.7245
E 2021792.0850

285+00

290+00

295+00

GRAVEL

OUT - 40A

ASPHALT

S. COLLEGE ST. E.P.D. STA. 30+00.00
N 581745.9000
E 2021801.0350

SPL. "V" SOD
DT. LT.

N 5° 09' 16" E

S. R. 56

24'

LIMIT OF CONST.
30+00.00

OUT - 40

285

290

295

N 4° 20' 17" W

N 85° 39' 43" E

S 84° 40' 27" E

S. COLLEGE STREET

GRASS

LIMIT OF CONST.
37+24.85

SPL. "V" SOD
DT. LT.

TRAIL

S. R. 56

S.R. 56 E.P.D. ℄

MATCH LINE STA. 283+00 (ROW) SEE SHEET NO. 69AS

MATCH LINE STA. 296+00 (ROW) SEE SHEET NO. 69AU

12"

12"

12"

15"

S.R. 56 E.P.D. STA. 289+80.00 =
S.R. 56 CONNECTOR E.P.D. STA. 30+00.00 =
N 582322.7794
E 2022143.0285

NOTES:

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E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
IOWA STATE UNIVERSITY AGRICULTURE
COMMERCE
NO. 108178
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 283+00 TO STA. 296+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:32:54 AM
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NOTES:

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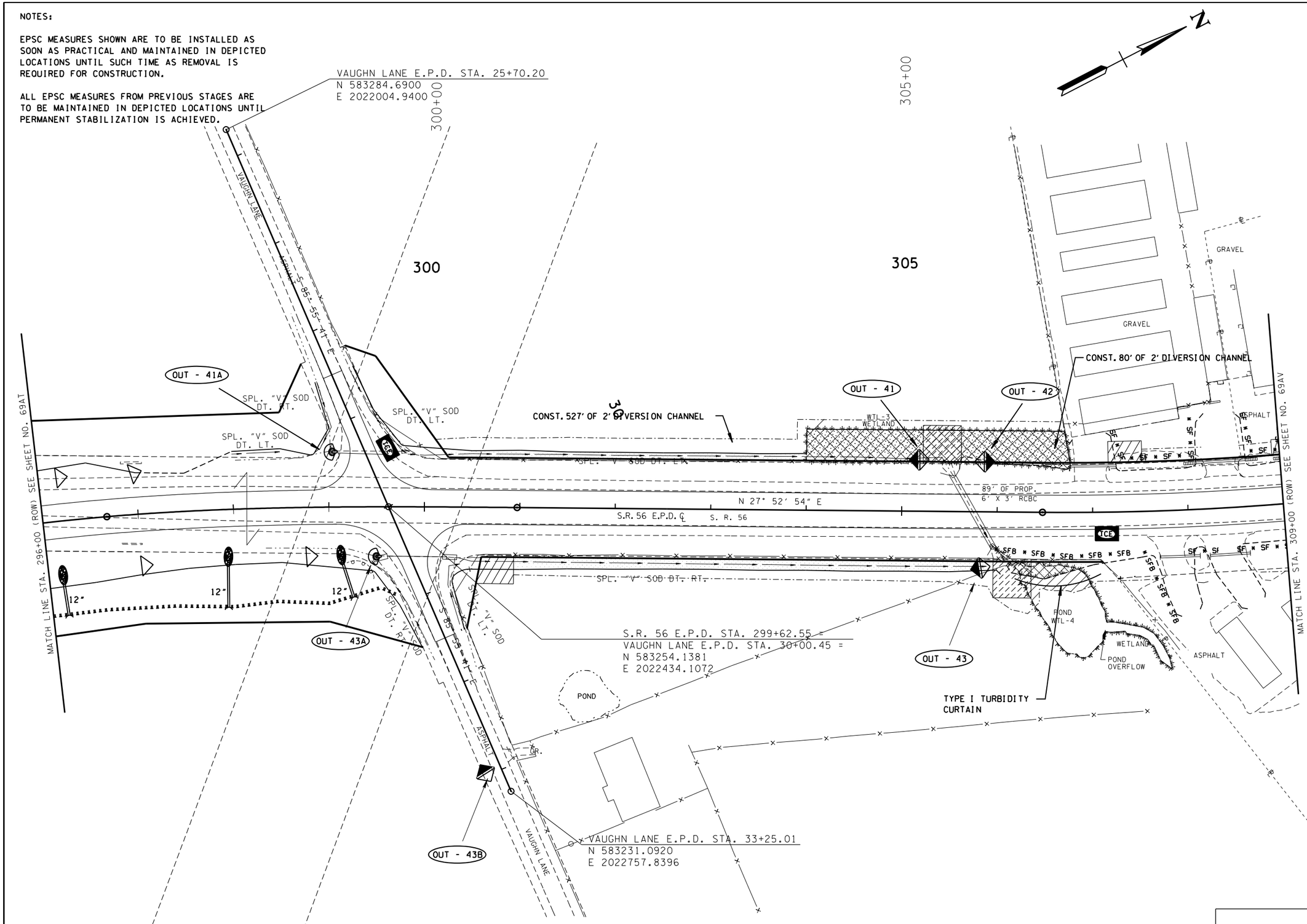
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AU
CONST.	2018	STP-56(29)	69AU

REV. 02-08-17: ADDED SHEET.



LEGEND	WETLAND IMPACTS
WTL-3	AREA OF PERMANENT IMPACT = 0.213 AC VOLUME OF PERMANENT IMPACT = 344 CY

LEGEND	WETLAND IMPACTS
WTL-4	AREA OF PERMANENT IMPACT = 0.016 AC VOLUME OF PERMANENT IMPACT = 26 CY.
WTL-4	AREA OF TEMPORARY IMPACT = 0.029 AC

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
No. 104319
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 296+00 TO STA. 309+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:33:05 AM
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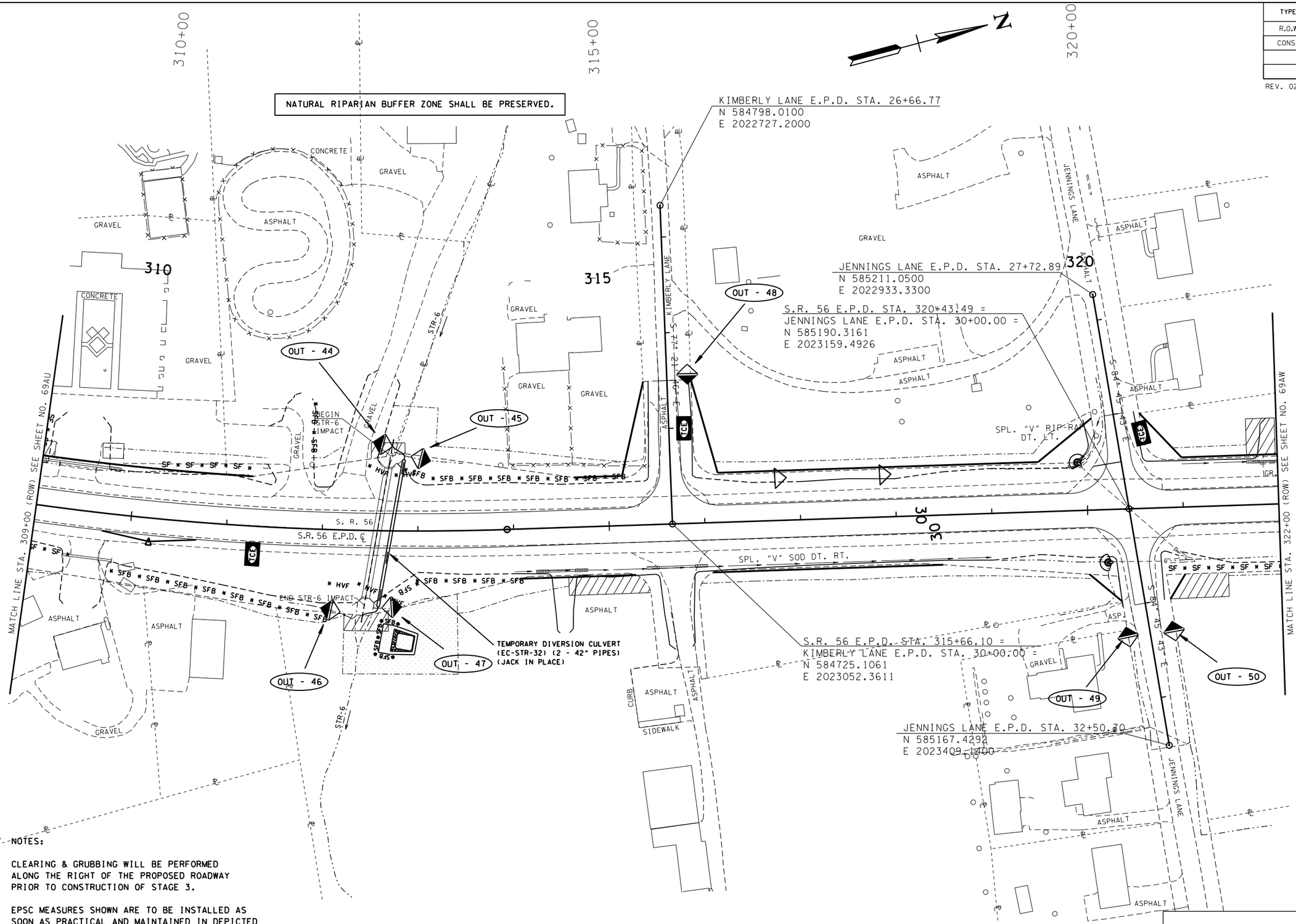
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AV
CONST.	2018	STP-56(29)	69AV

REV. 02-08-17: ADDED SHEET.



NOTES:

CLEARING & GRUBBING WILL BE PERFORMED ALONG THE RIGHT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 3.

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

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E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106239
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 309+00 TO STA. 322+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AW
CONST.	2018	STP-56(29)	69AW

REV. 02-08-17: ADDED SHEET.

NOTES:

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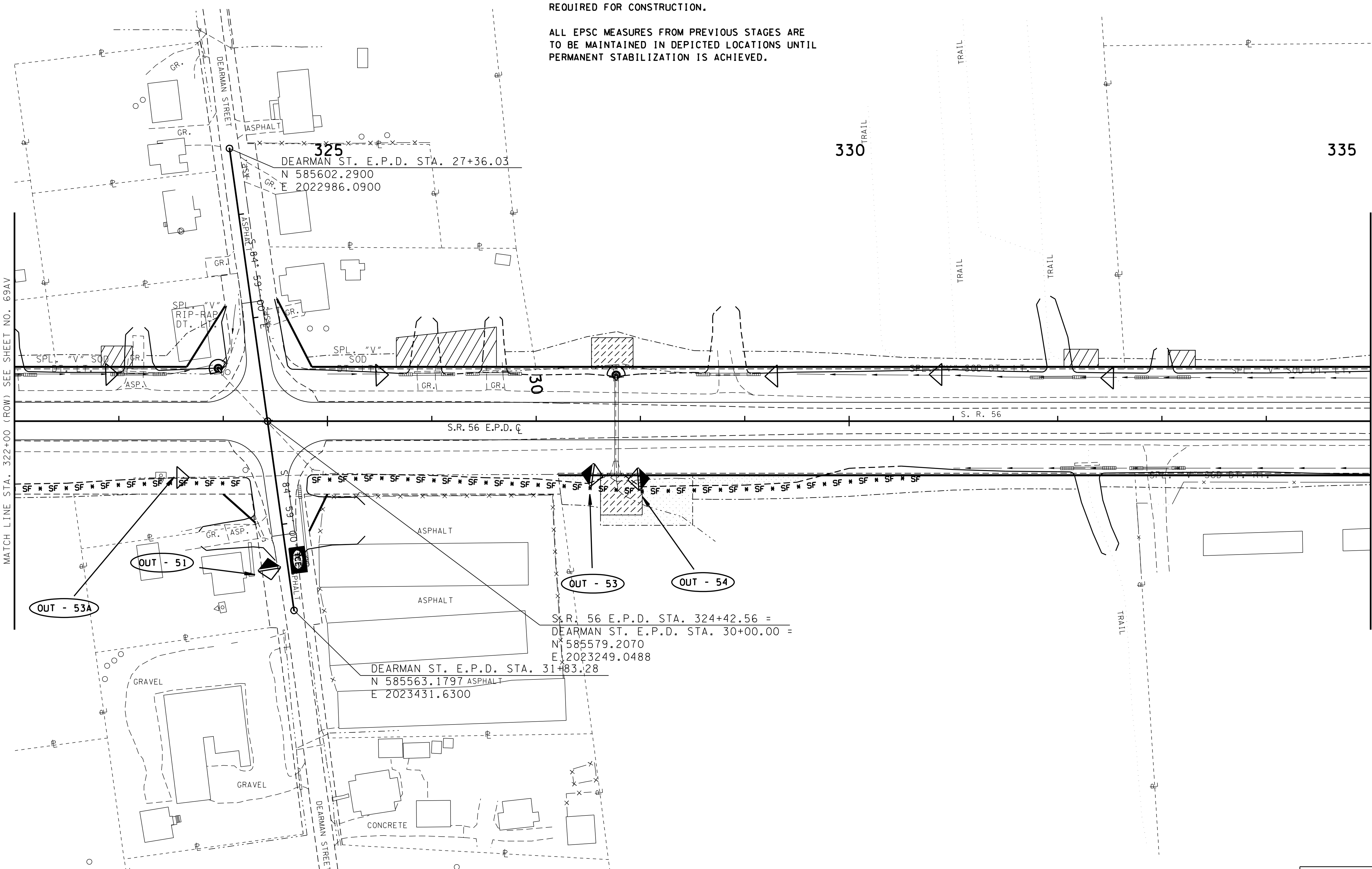

E.P.D.

SEALED BY

Brian H. Trotter REGISTERED ENGINEER STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 322+00 TO STA. 335+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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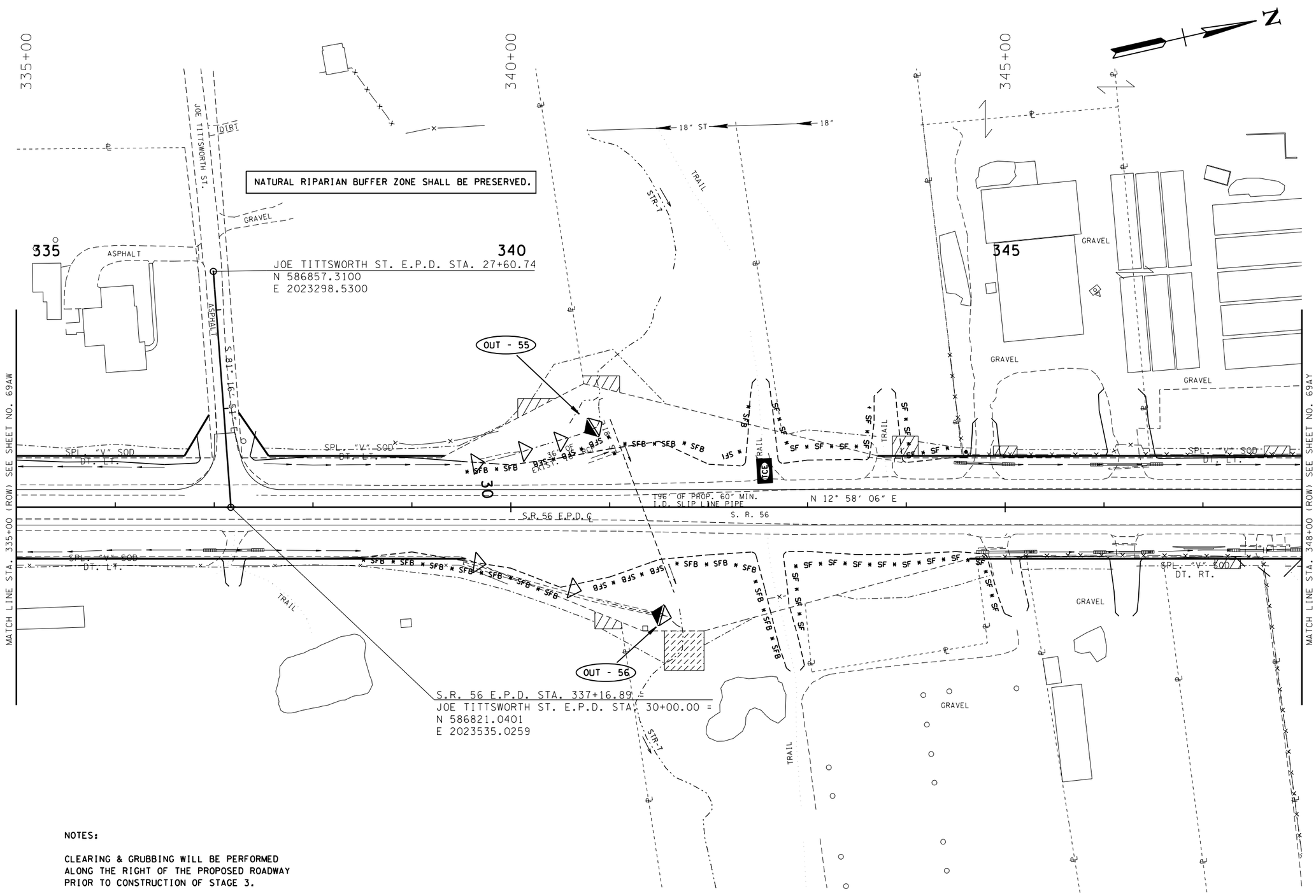
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AX
CONST.	2018	STP-56(29)	69AX

REV. 02-08-17: ADDED SHEET.



NOTES:

CLEARING & GRUBBING WILL BE PERFORMED ALONG THE RIGHT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 3.

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E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
NO. 104219
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 335+00 TO STA. 348+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:33:39 AM
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NOTES:

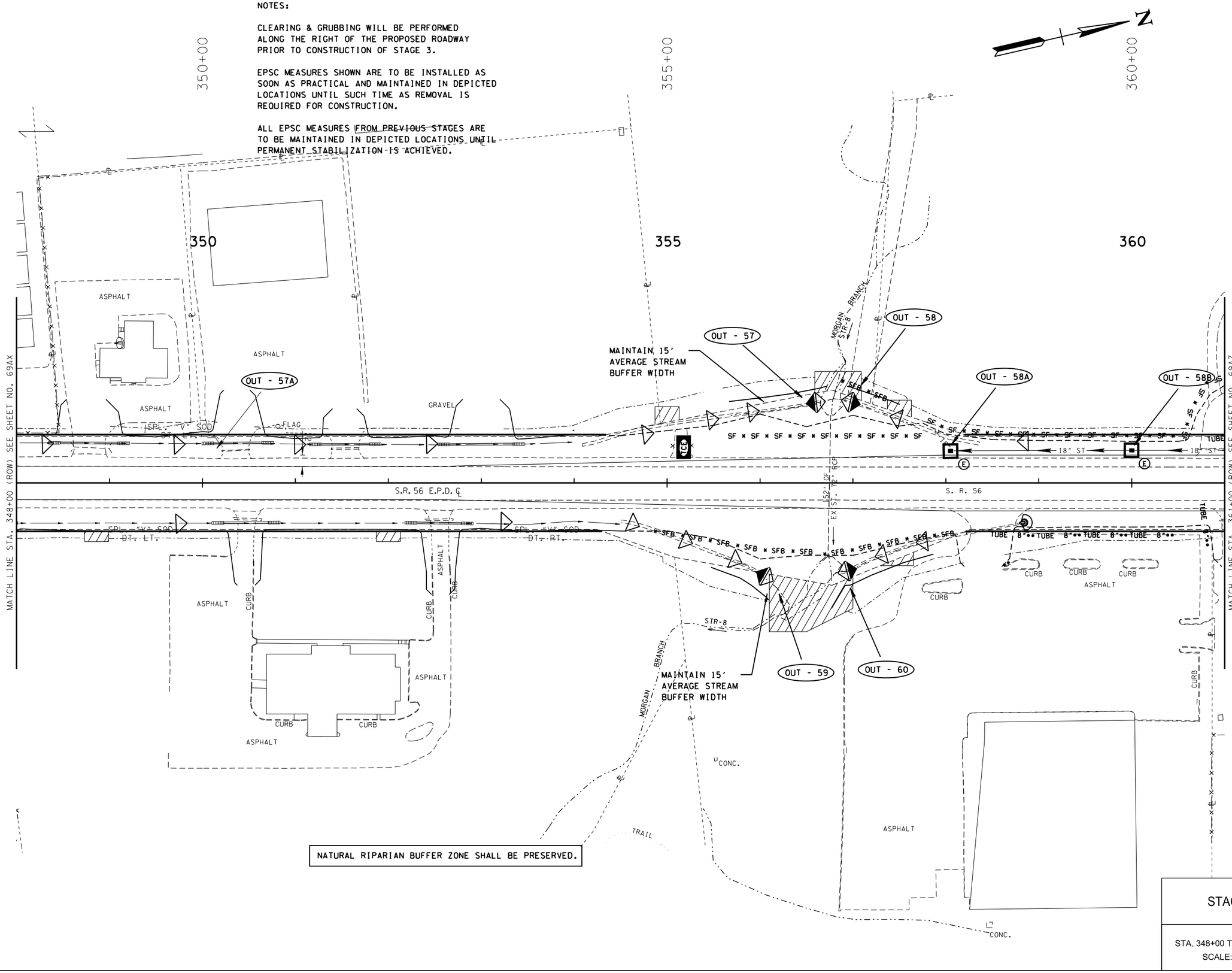
CLEARING & GRUBBING WILL BE PERFORMED ALONG THE RIGHT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 3.

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AY
CONST.	2018	STP-56(29)	69AY

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 348+00 TO STA. 361+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:33:50 AM
c:\pwworking\east01\d0176426\069AY.sht

NOTES:

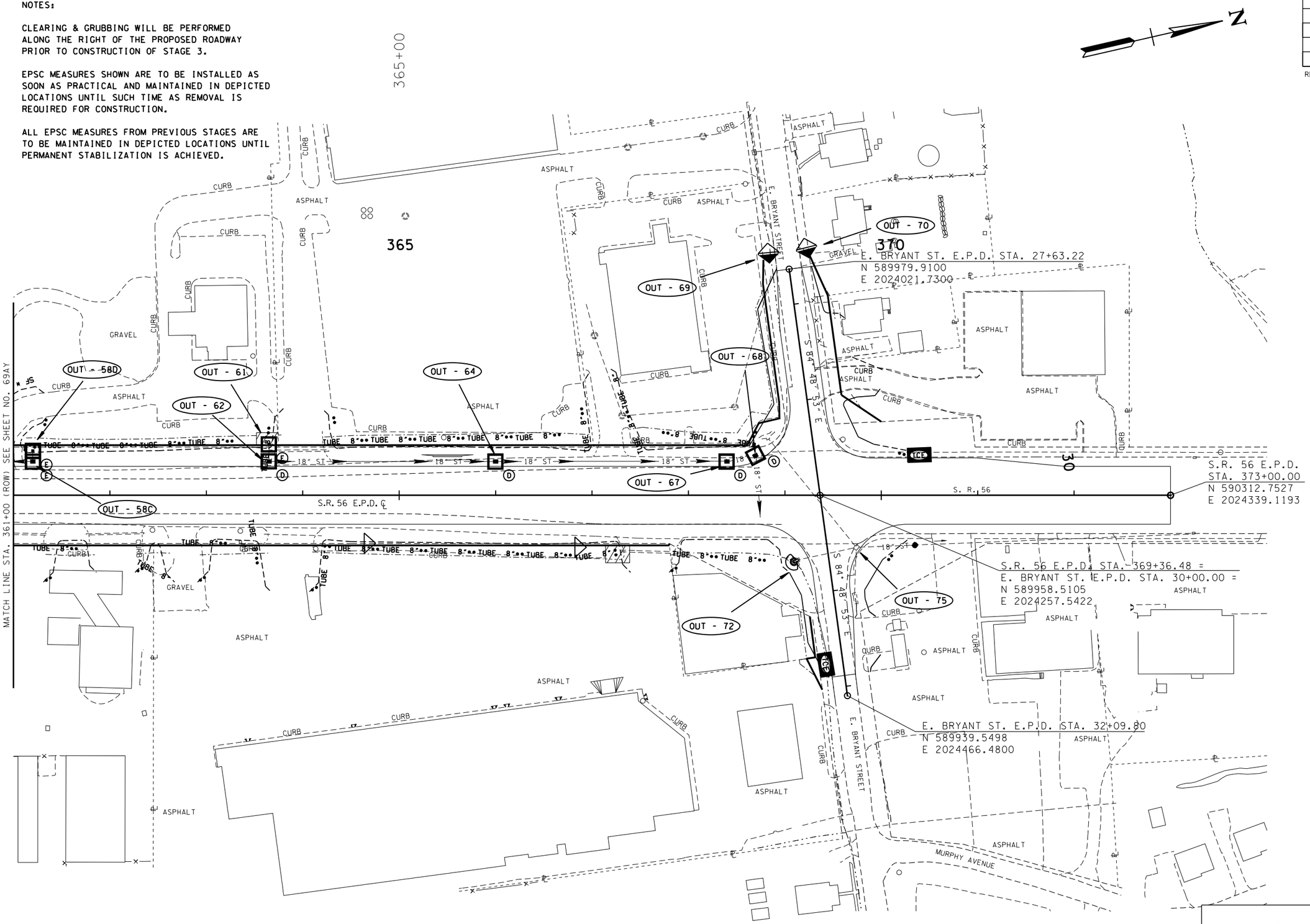
CLEARING & GRUBBING WILL BE PERFORMED ALONG THE RIGHT OF THE PROPOSED ROADWAY PRIOR TO CONSTRUCTION OF STAGE 3.

EPSC MEASURES SHOWN ARE TO BE INSTALLED AS SOON AS PRACTICAL AND MAINTAINED IN DEPICTED LOCATIONS UNTIL SUCH TIME AS REMOVAL IS REQUIRED FOR CONSTRUCTION.

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69AZ
CONST.	2018	STP-56(29)	69AZ

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE II

STA. 361+00 TO END PROJ.
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

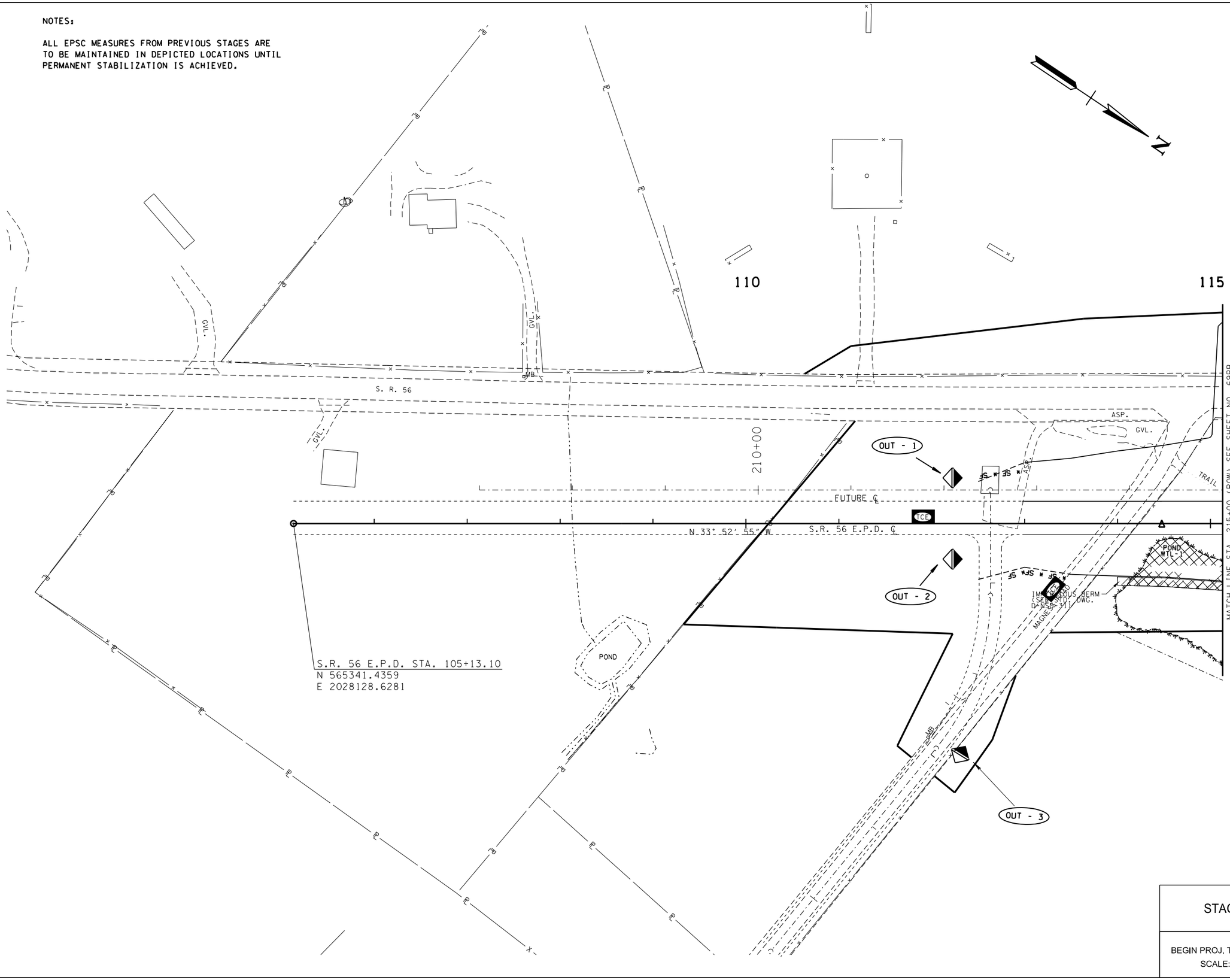
9/9/2018 11:34:01 AM
c:\pwworking\east01\d0176426\069AZ.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BA
CONST.	2018	STP-56(29)	69BA

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

BEGIN PROJ. TO STA. 215+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

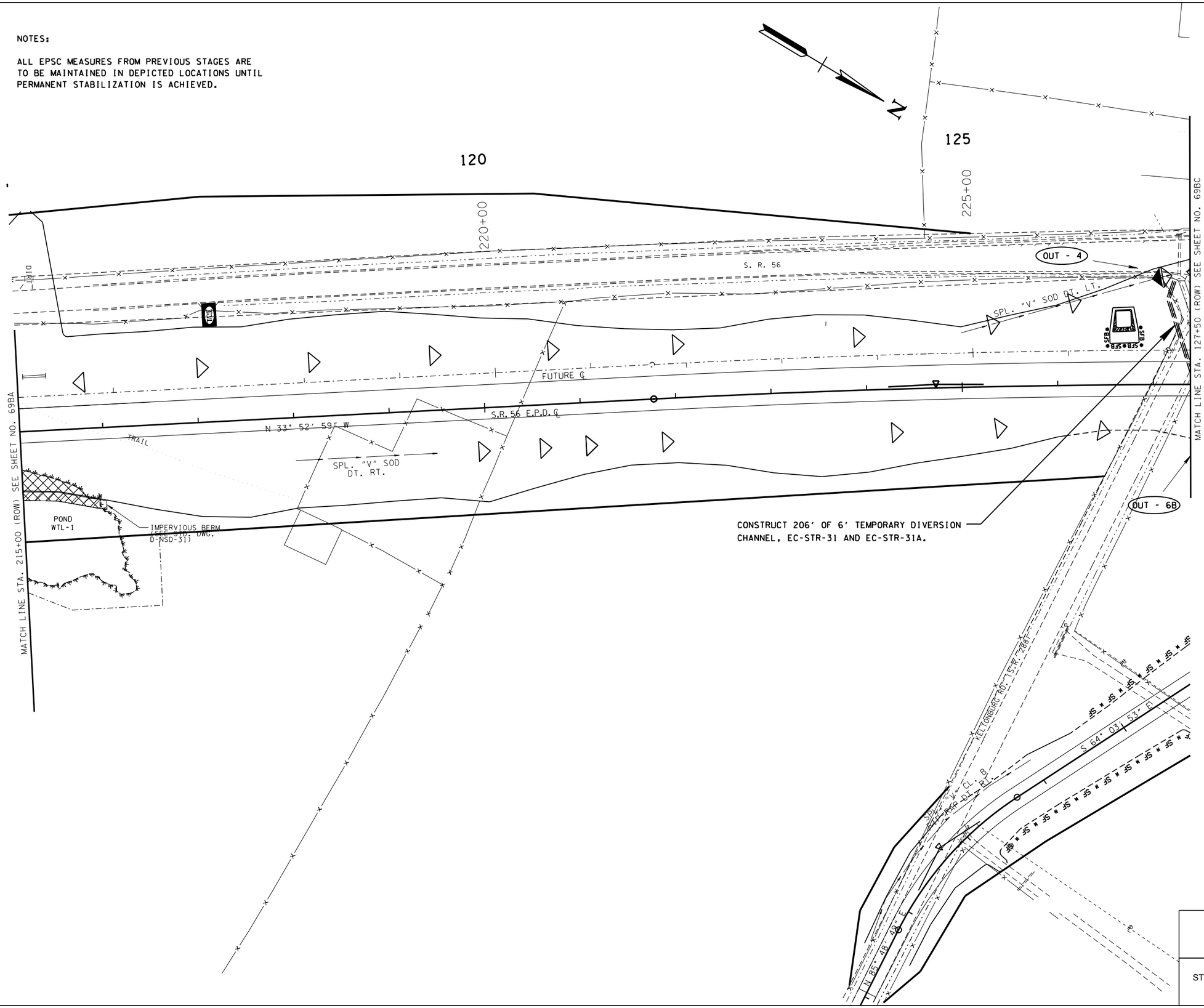
9/19/2018 11:34:19 AM
c:\pwworking\east01\d0176426\069BA.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BB
CONST.	2018	STP-56(29)	69BB

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 108370
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 215+00 TO STA. 127+50
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:34:31 AM
c:\pwworking\east01\d0176426\069BB.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BC
CONST.	2018	STP-56(29)	69BC

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

E.P.D.

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Brian H. Trotter

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 127+50 TO STA. 140+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

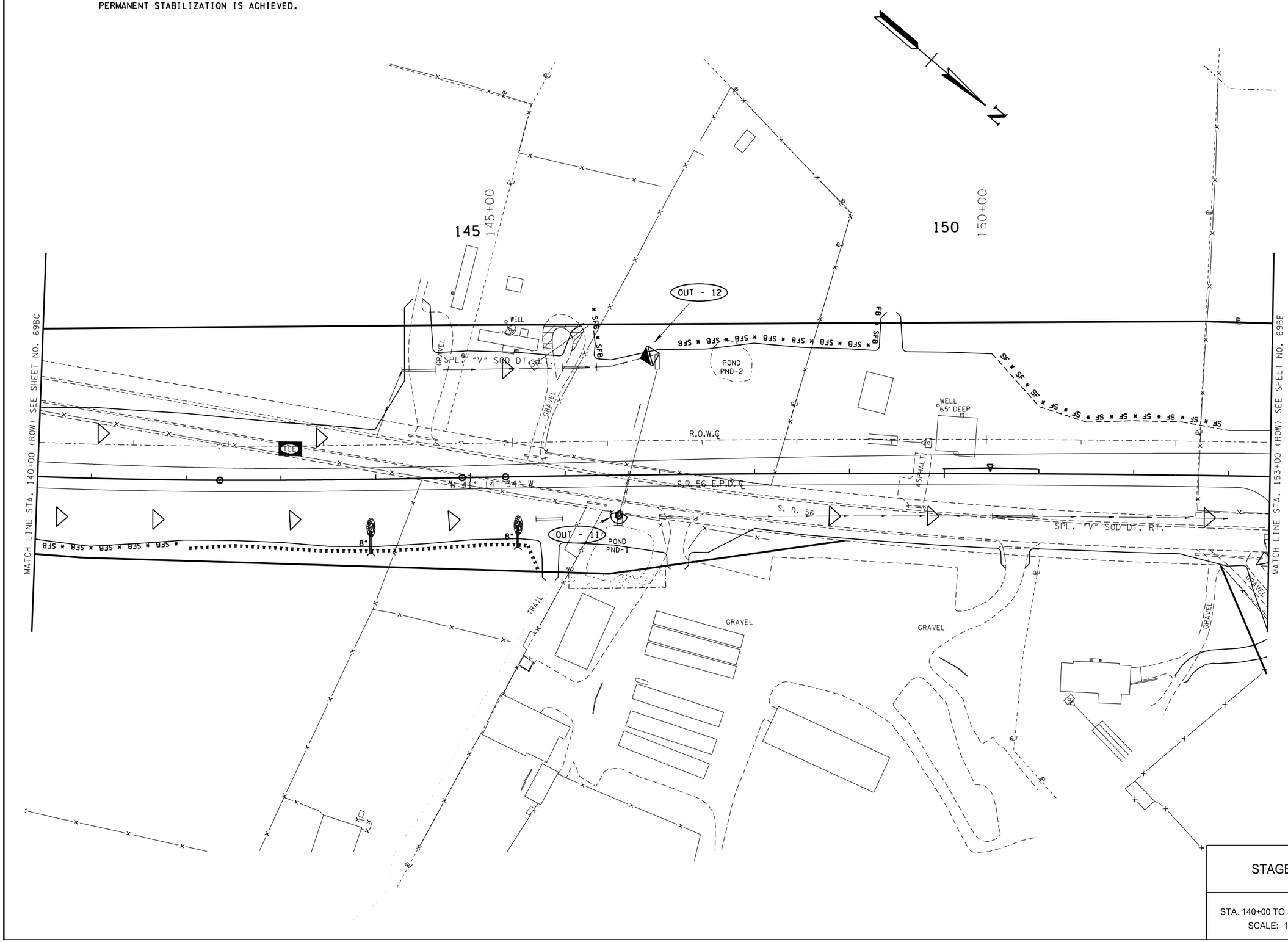
9/19/2018 11:34:41 AM
c:\pwworking\east01\d0176426\069BC.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BD
CONST.	2018	STP-56(29)	69BD

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 116119
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 140+00 TO STA. 153+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

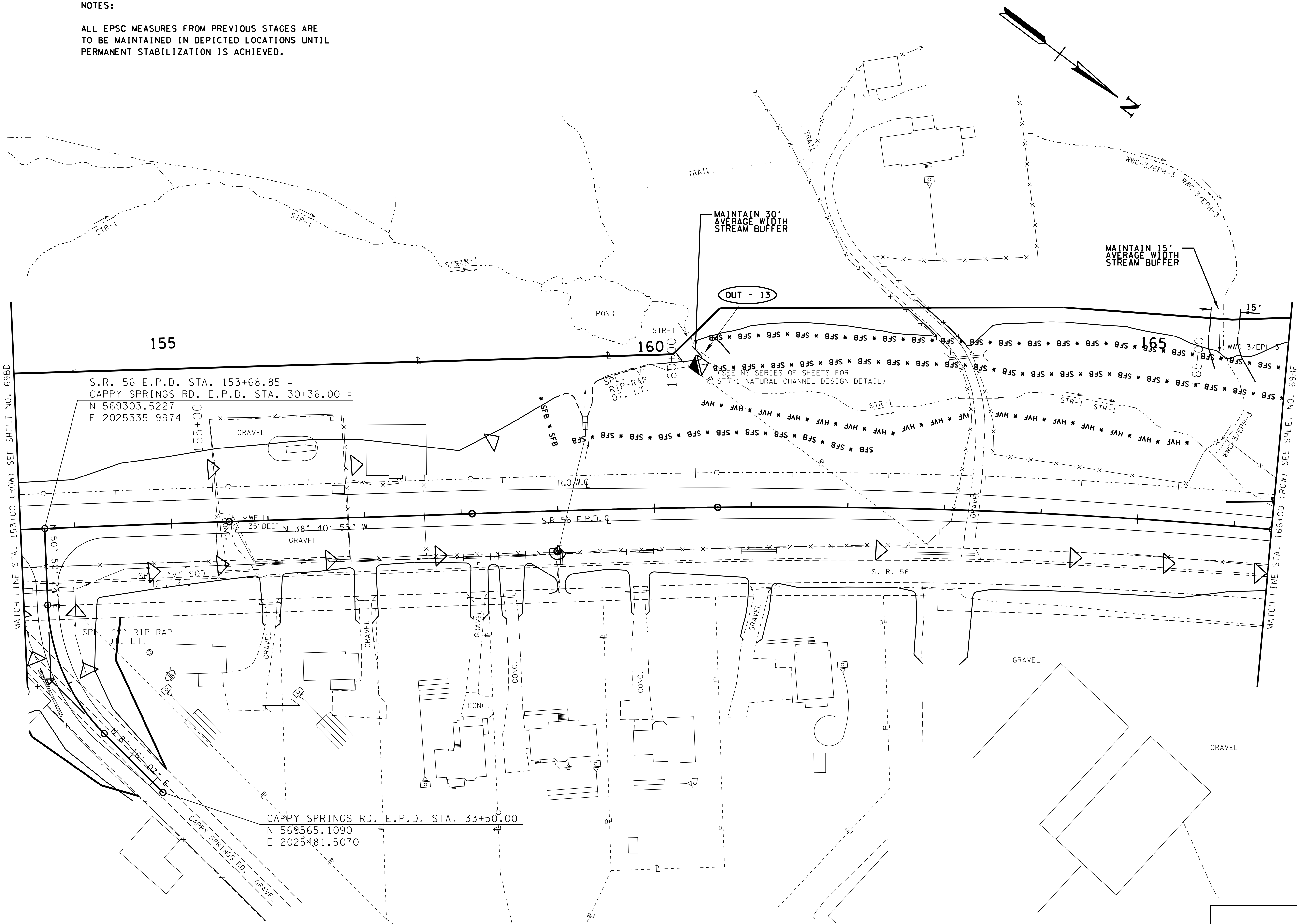
9/19/2018 11:34:52 AM
c:\pwworking\east01\d0176426\069BD.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BE
CONST.	2018	STP-56(29)	69BE

REV. 02-08-17: ADDED SHEET.
REV. 03-20-18: REVISED STR-1 AND SFB.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE COMMERCE
NO. 104219
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 153+00 TO STA. 166+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:35:05 AM
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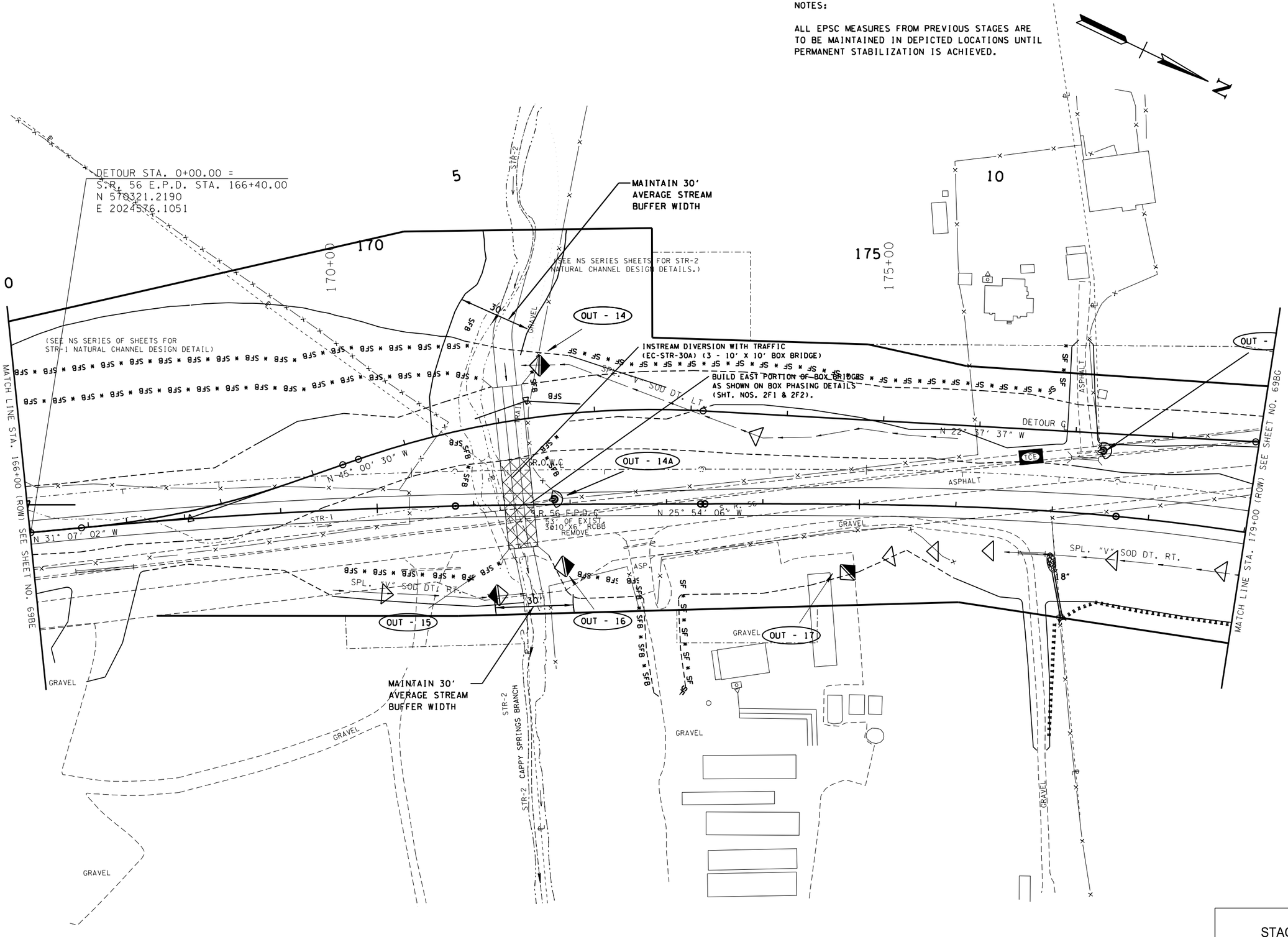
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BF
CONST.	2018	STP-56(29)	69BF

REV. 02-08-17: ADDED SHEET.

REV. 03-20-18: REVISED STR-1 AND SFB.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 166+00 TO STA. 179+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:35:16 AM
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NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BG
CONST.	2018	STP-56(29)	69BG

REV. 02-08-17: ADDED SHEET.

S.R. 56 E.P.D. STA. 180+21.85 =
DOUGLAS RD. E.P.D. STA. 30+00.00 =
N 571570.3991
E 2023995.1442

DETOUR STA. 15+58.14 =
N 571659.7685
E 2023805.1980

DOUGLAS RD. E.P.D. STA. 34+28.36
N 571813.7387
E 2024339.7387

MATCH LINE STA. 179+00 (ROW) SEE SHEET NO. 69BF

MATCH LINE STA. 192+00 (ROW) SEE SHEET NO. 69BH

E.P.D.

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STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 179+00 TO STA. 192+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:35:27 AM
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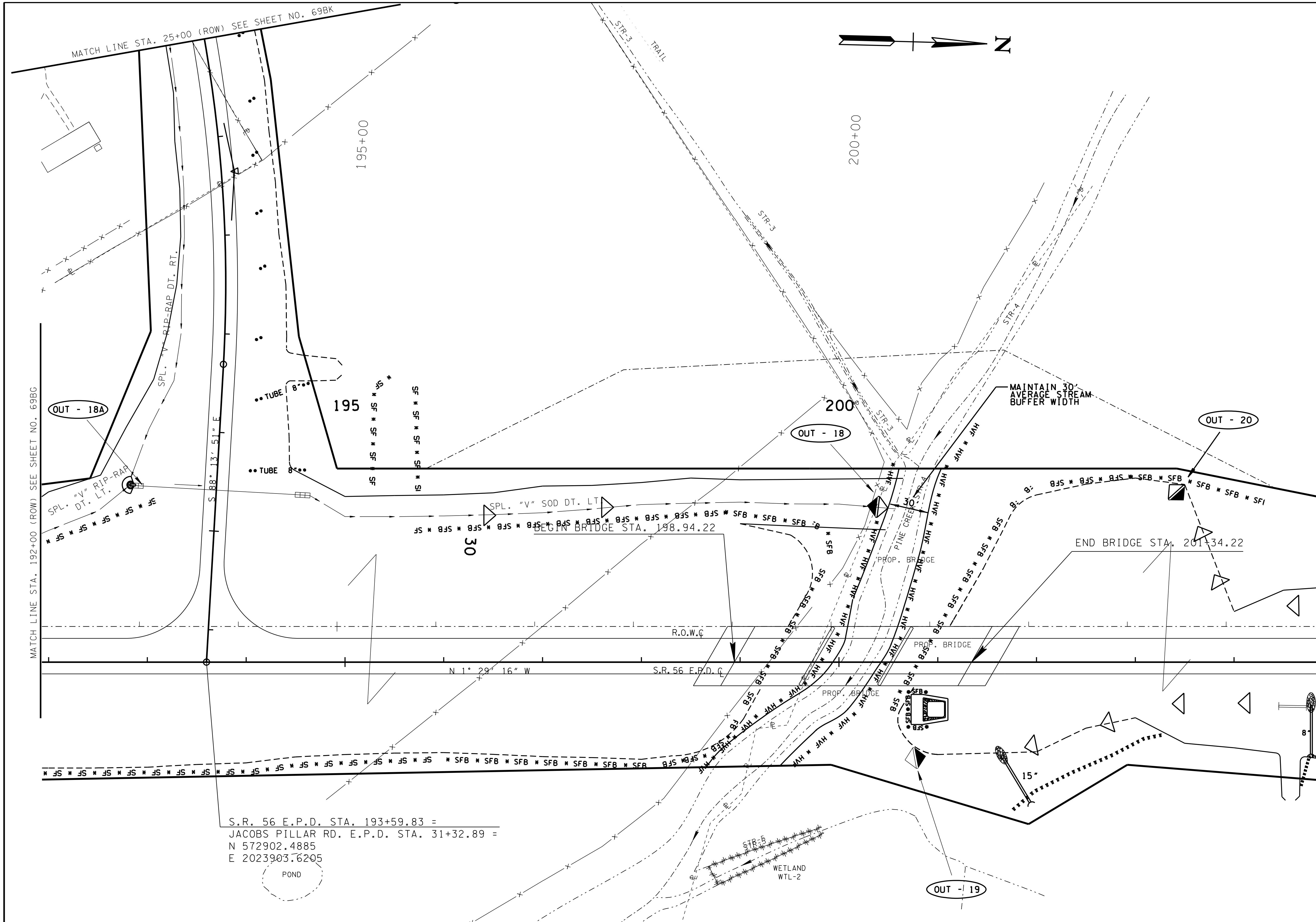
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BH
CONST.	2018	STP-56(29)	69BH

REV. 02-08-17: ADDED SHEET.



LEGEND	WETLAND IMPACTS	
	WTL-2	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 CY.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

STAGE III

STA. 192+00 TO STA. 205+00
SCALE: 1"= 50'

E.P.D.

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REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:35:40 AM
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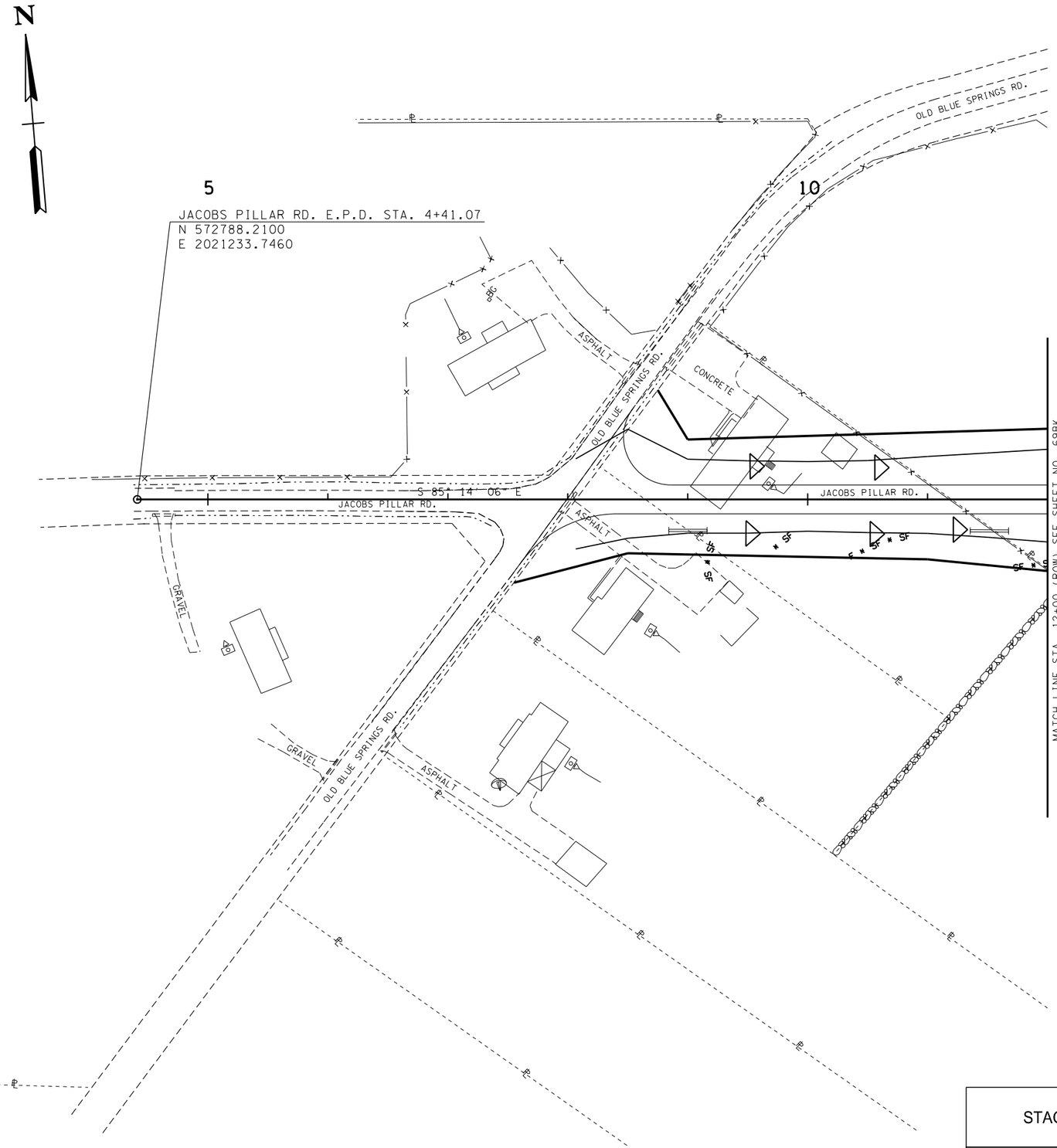
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BJ
CONST.	2018	STP-56(29)	69BJ

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 5+00 TO STA. 12+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

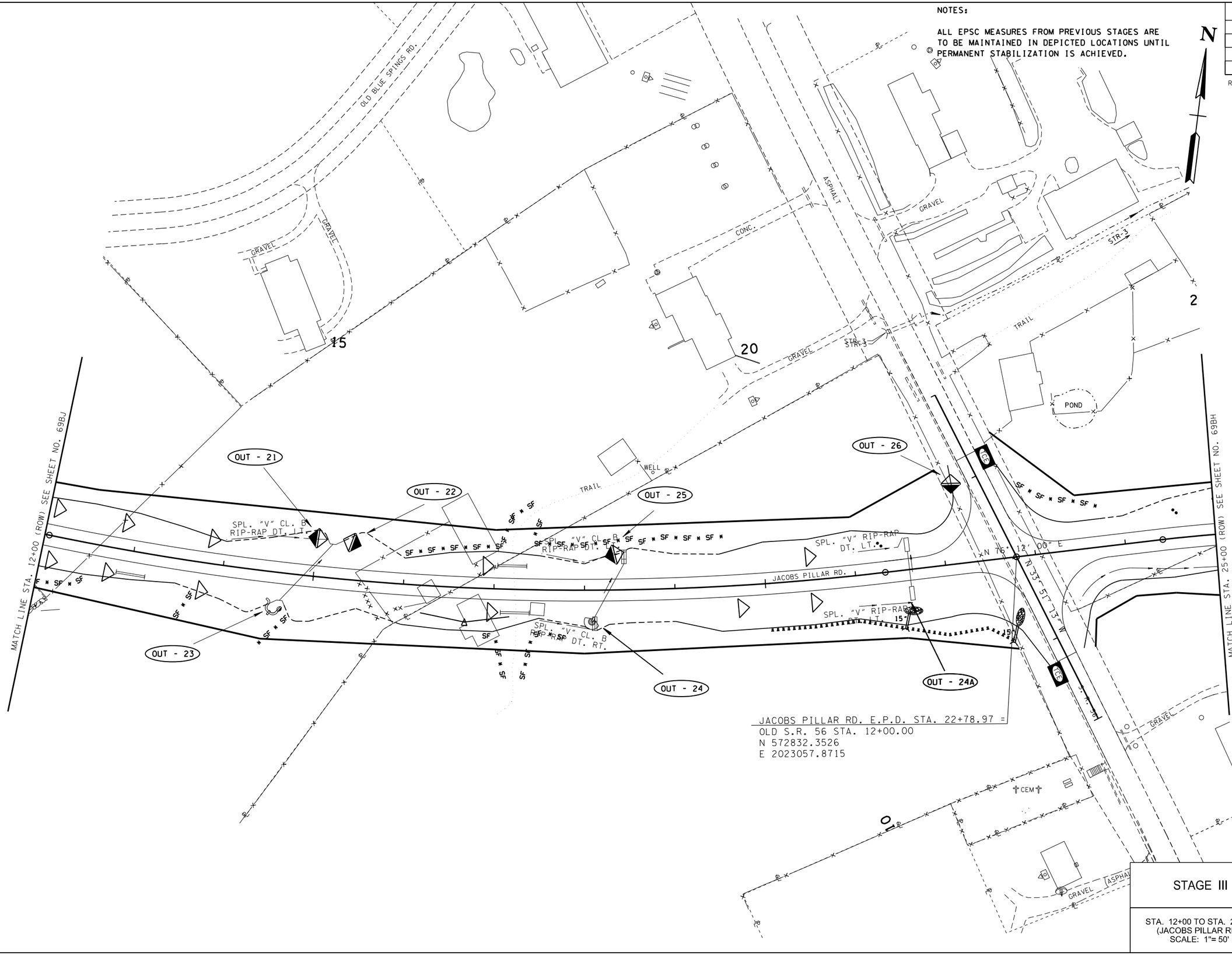
9/19/2018 11:36:00 AM
c:\pwworking\east01\d0176426\069BJ.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BK
CONST.	2018	STP-56(29)	69BK

REV. 02-08-17: ADDED SHEET.



JACOBS PILLAR RD. E.P.D. STA. 22+78.97 =
OLD S.R. 56 STA. 12+00.00
N 572832.3526
E 2023057.8715

E.P.D.

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REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 12+00 TO STA. 25+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:36:13 AM
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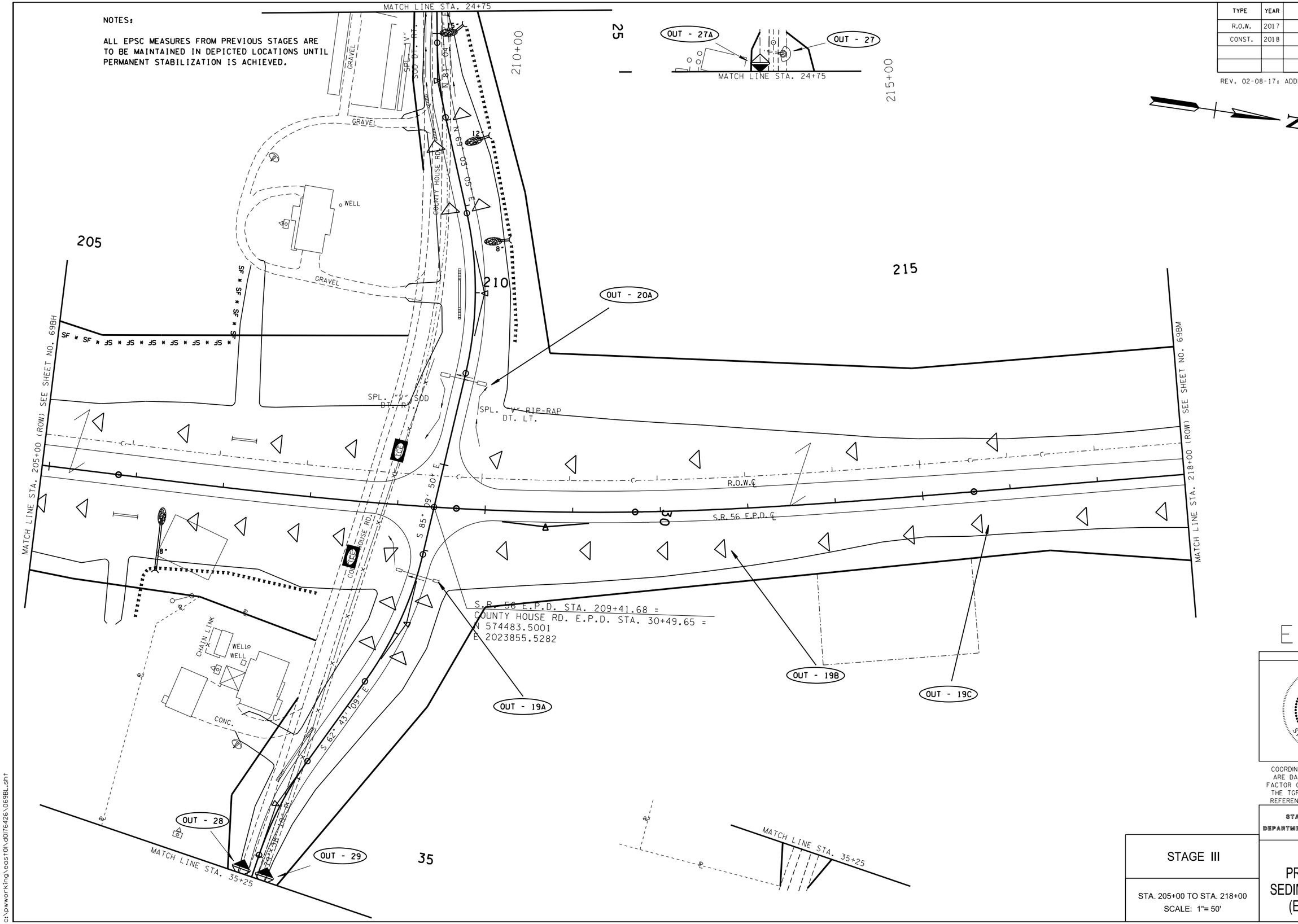
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BL
CONST.	2018	STP-56(29)	69BL

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
No. 104319
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 205+00 TO STA. 218+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:36:24 AM
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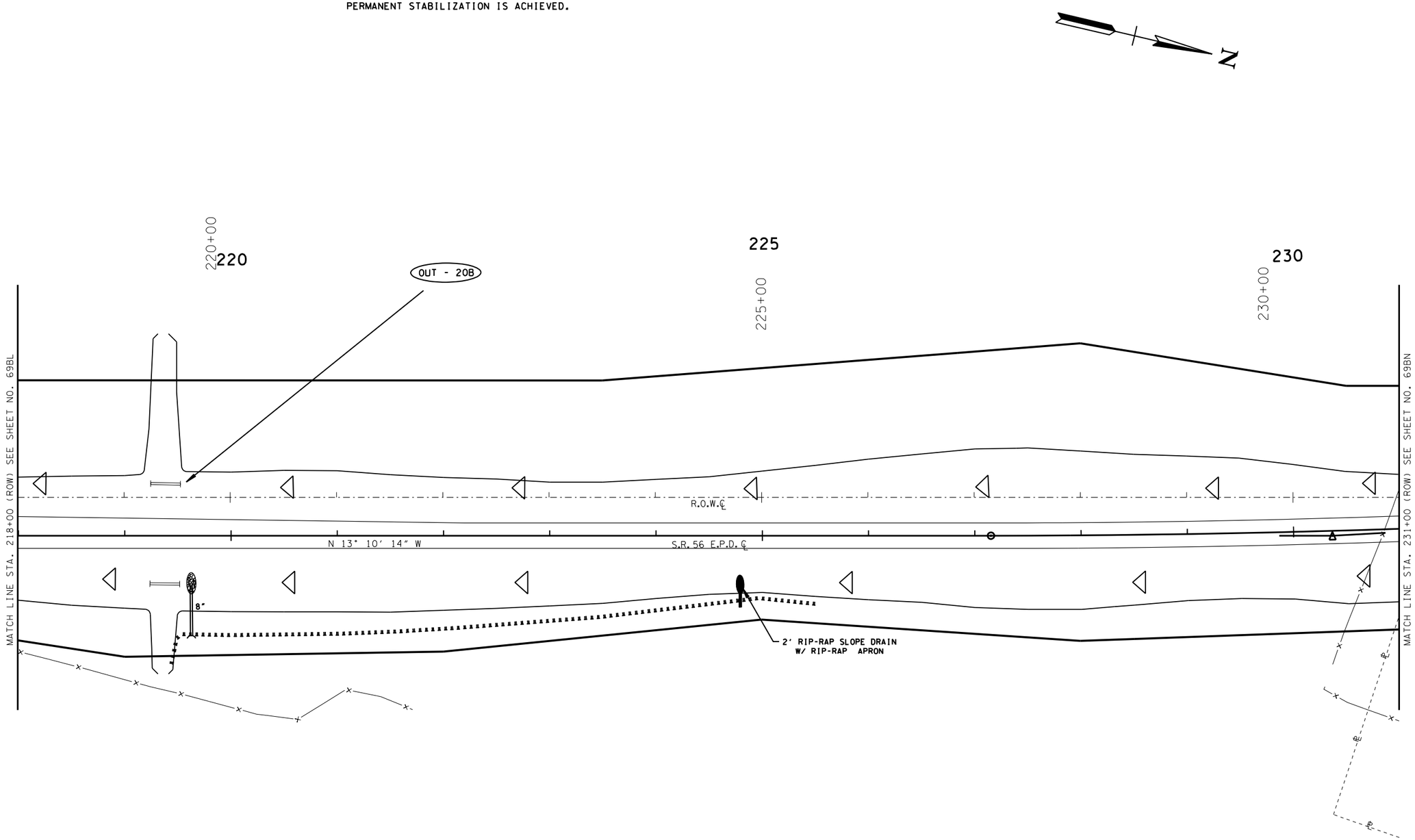
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BM
CONST.	2018	STP-56(29)	69BM

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 218+00 TO STA. 231+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:36:38 AM
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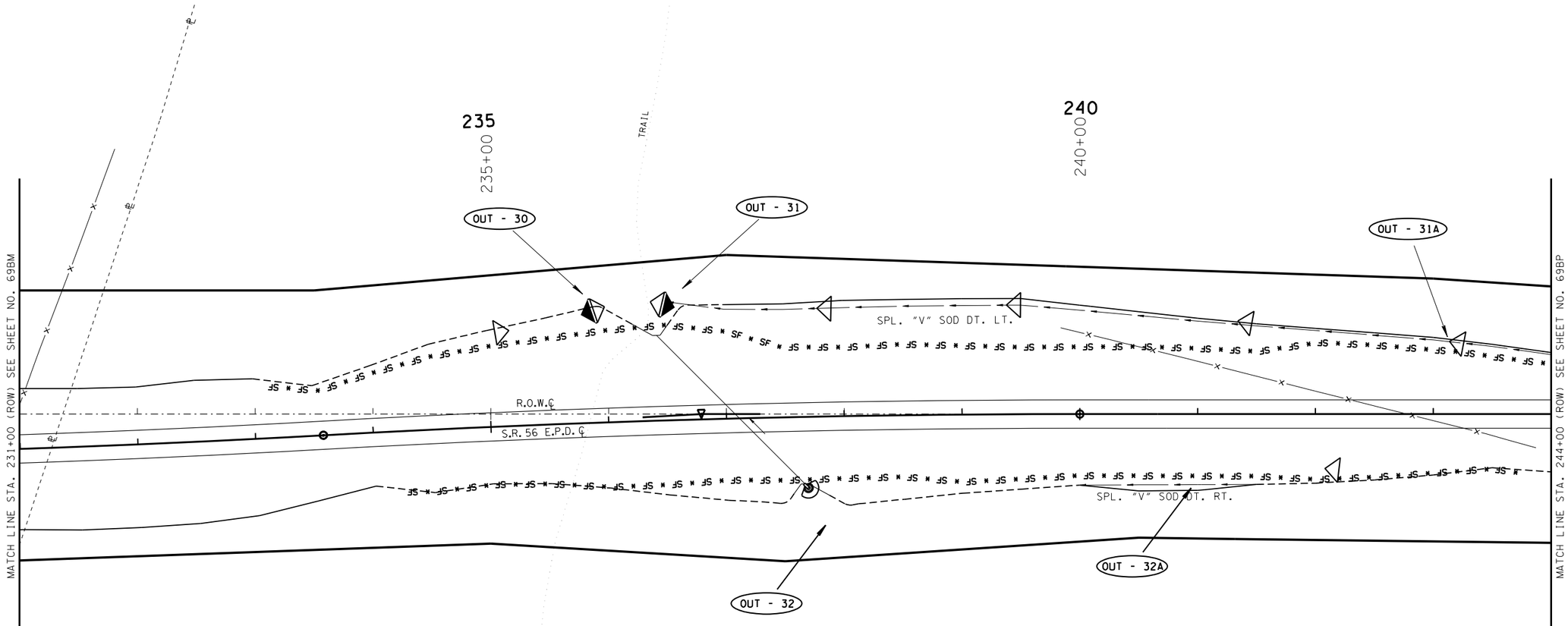
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BN
CONST.	2018	STP-56(29)	69BN

REV. 02-08-17: ADDED SHEET.



CONSTRUCTION FIELD REVIEW

E. P. D.

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Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
COMMERCE
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 231+00 TO STA. 244+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:36:52 AM
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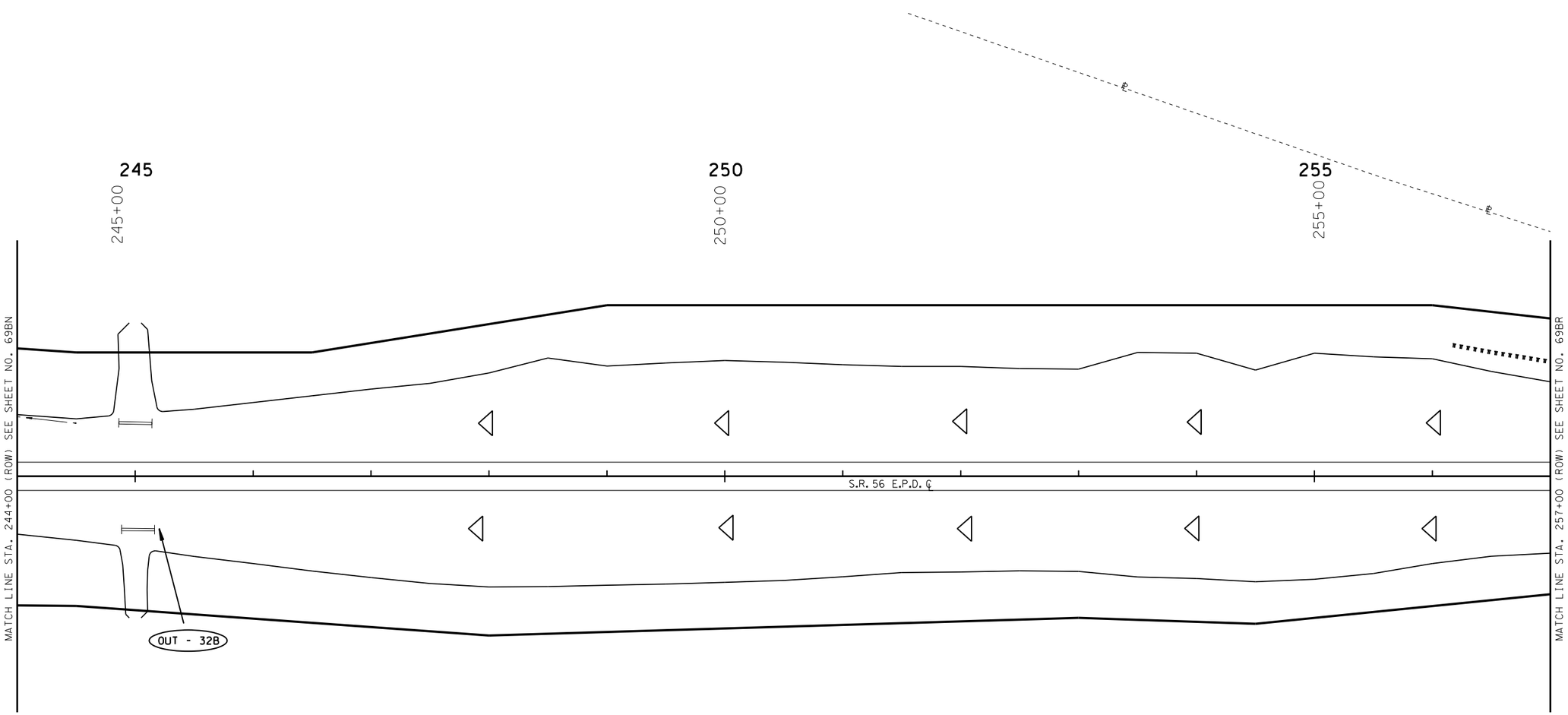
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BP
CONST.	2018	STP-56(29)	69BP

REV. 02-08-17: ADDED SHEET.



E.P.D.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 244+00 TO STA. 257+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:37:05 AM
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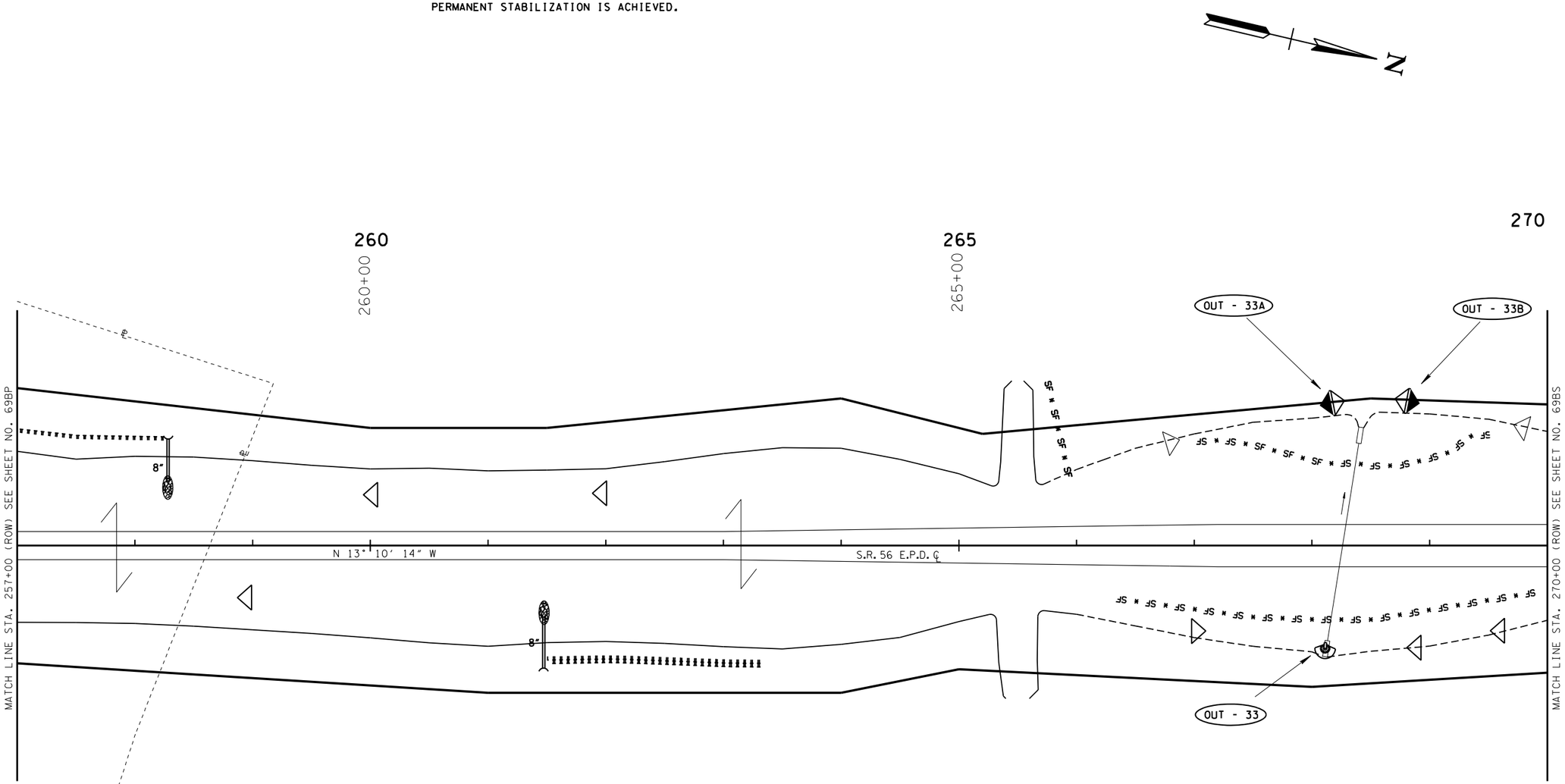

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BR
CONST.	2018	STP-56(29)	69BR

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

E.P.D.

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Brian H. Trotter
NO. 104219

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 257+00 TO STA. 270+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:37:17 AM
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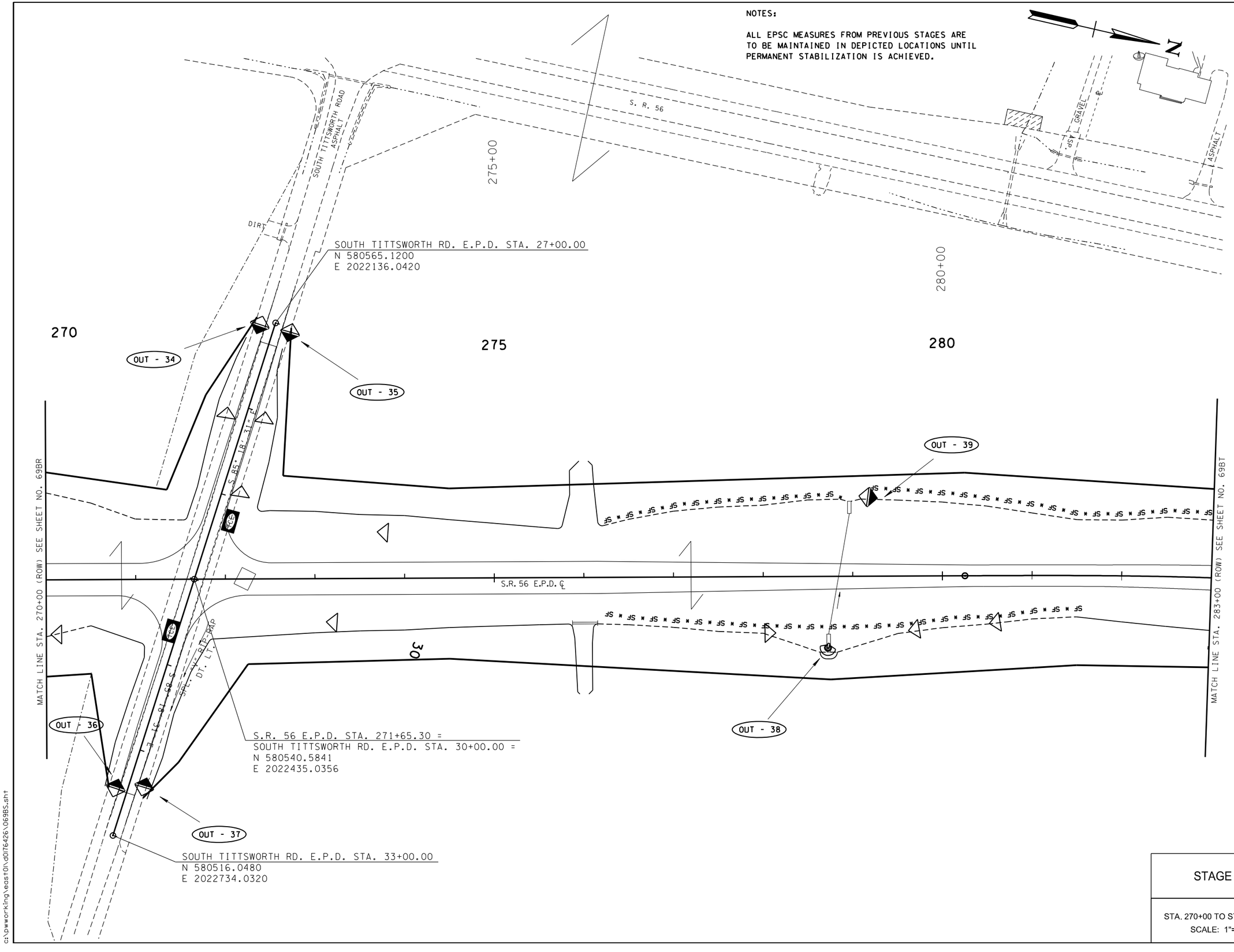
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

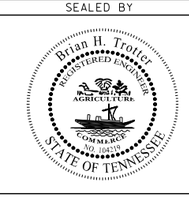
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BS
CONST.	2018	STP-56(29)	69BS

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

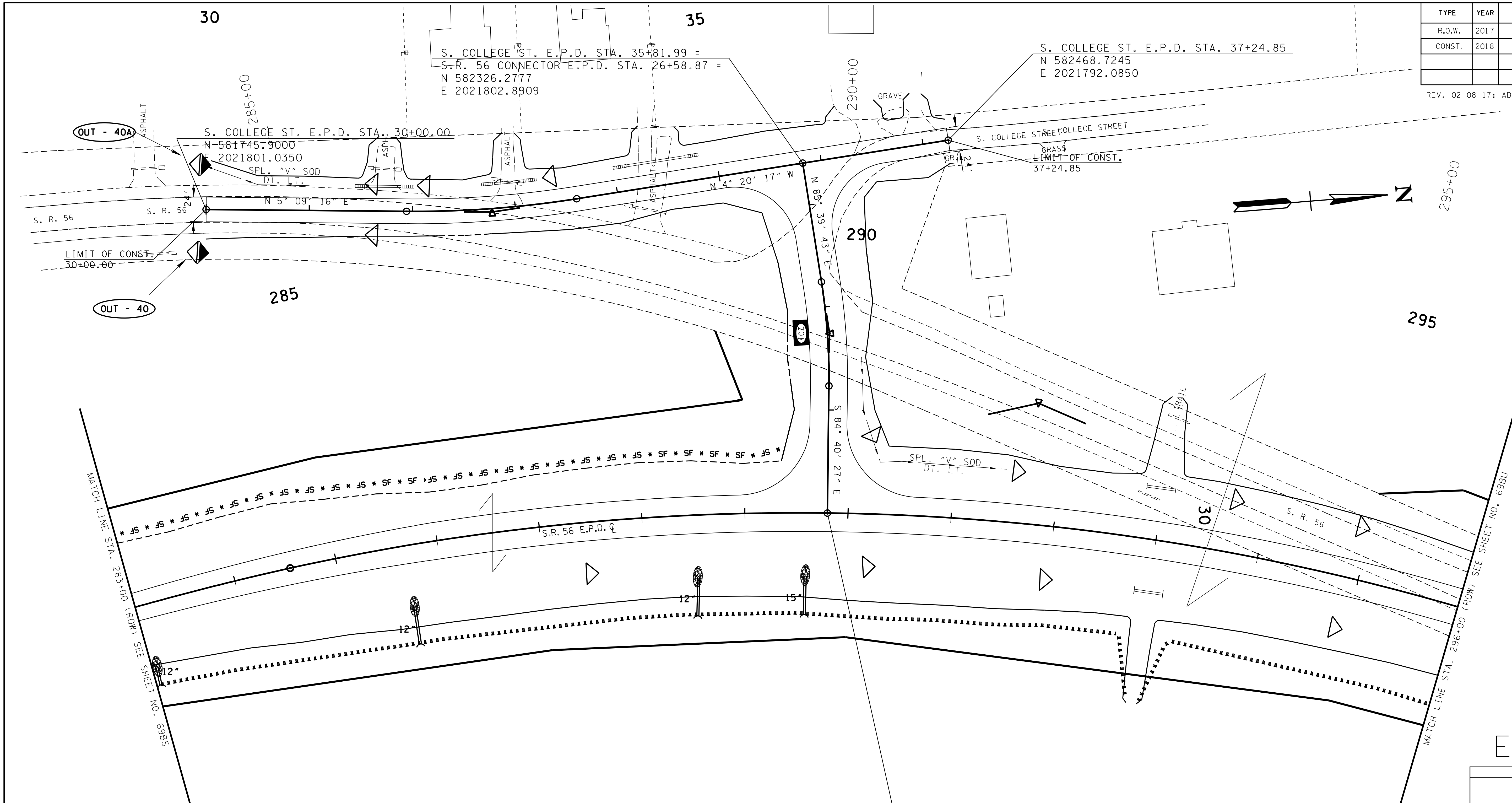
STA. 270+00 TO STA. 283+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:37:27 AM
c:\pwworking\east01\d0176426\069BS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BT
CONST.	2018	STP-56(29)	69BT

REV. 02-08-17: ADDED SHEET.



S. COLLEGE ST. E.P.D. STA. 35+81.99 =
S.R. 56 CONNECTOR E.P.D. STA. 26+58.87 =
N 582326.2777
E 2021802.8909
S. COLLEGE ST. E.P.D. STA. 37+24.85
N 582468.7245
E 2021792.0850
S. COLLEGE ST. E.P.D. STA. 30+00.00
N 581745.9000
E 2021801.0350
OUT - 40A
OUT - 40
SPL. "V" SOD
DT. LT.
LIMIT OF CONST.
30+00.00
LIMIT OF CONST.
37+24.85
N 5° 09' 16" E
N 4° 20' 17" W
N 85° 39' 43" E
S 84° 40' 27" E
S. R. 56
S. COLLEGE STREET
S.R. 56 E.P.D. ℄
MATCH LINE STA. 283+00 (ROW) SEE SHEET NO. 69BS
MATCH LINE STA. 296+00 (ROW) SEE SHEET NO. 69BU
S.R. 56 E.P.D. STA. 289+80.00 =
S.R. 56 CONNECTOR E.P.D. STA. 30+00.00 =
N 582322.7794
E 2022143.0285

E.P.D.

SEALED BY

Brian H. Trotter — Registered Engineer — State of Tennessee

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 283+00 TO STA. 296+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:37:45 AM
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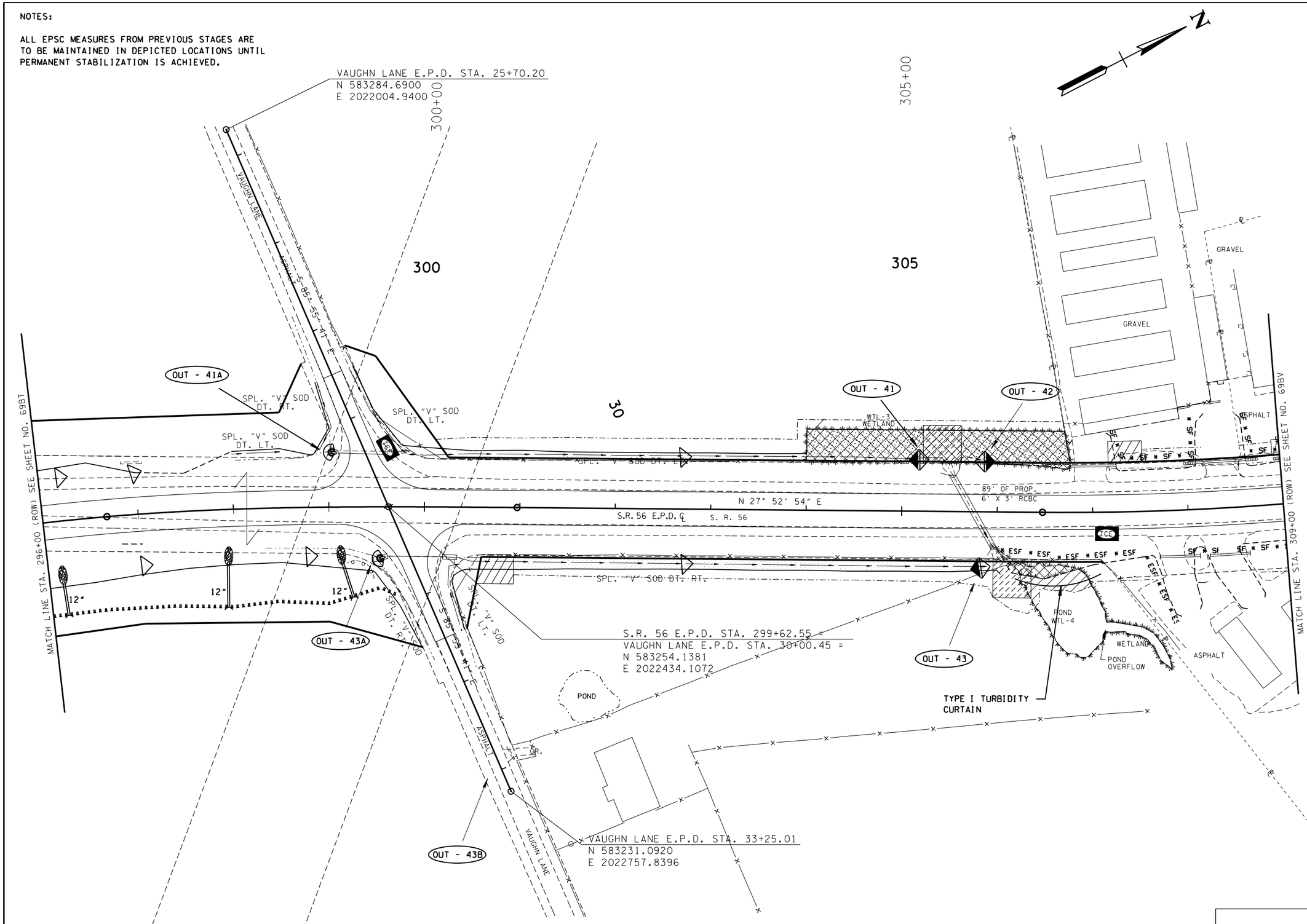
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BU
CONST.	2018	STP-56(29)	69BU

REV. 02-08-17: ADDED SHEET.



LEGEND	WETLAND IMPACTS
WTL-3	AREA OF PERMANENT IMPACT = 0.213 AC VOLUME OF PERMANENT IMPACT = 344 CY

LEGEND	WETLAND IMPACTS
WTL-4	AREA OF PERMANENT IMPACT = 0.016 AC VOLUME OF PERMANENT IMPACT = 26 CY.
WTL-4	AREA OF TEMPORARY IMPACT = 0.029 AC

E.P.D.

SEALED BY

Brian H. Trotter REGISTERED ENGINEER AGRICULTURE COMMERCE STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

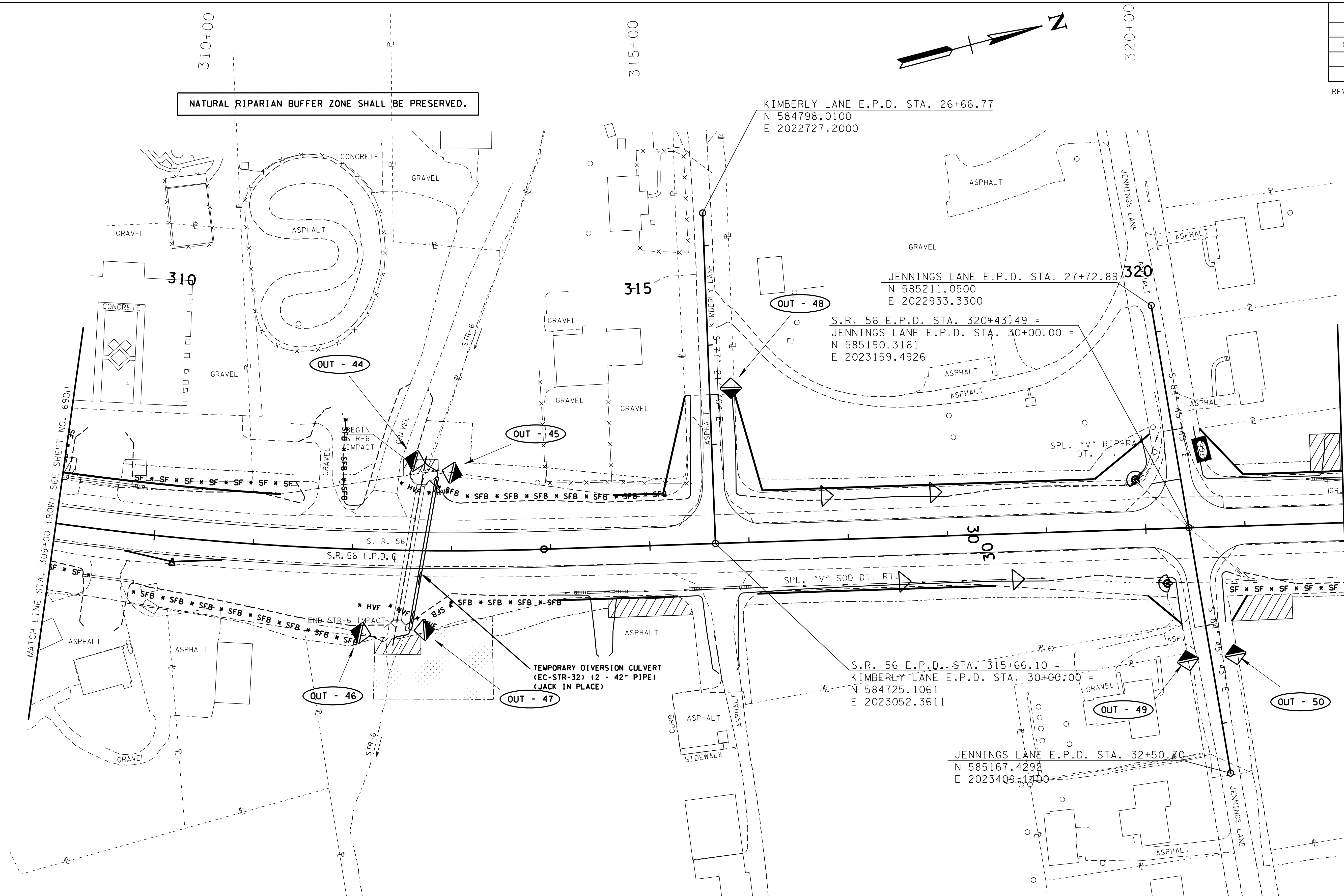
STA. 296+00 TO STA. 309+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:37:59 AM
c:\pwworking\east01\d0176426\069BU.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BV
CONST.	2018	STP-56(29)	69BV

REV. 02-08-17: ADDED SHEET.



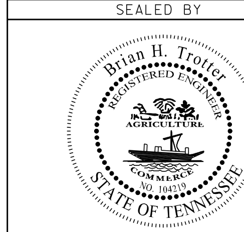
CULVERT INSTALLATION SHOULD BE CONDUCTED IN THE DRY.
DO NOT PUT RIP-RAP IN THE STREAM BED.
MIMIC EXISTING STREAM CONDITIONS AT THE TRANSITIONS.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

E.P.D.

SEALED BY



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 309+00 TO STA. 322+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

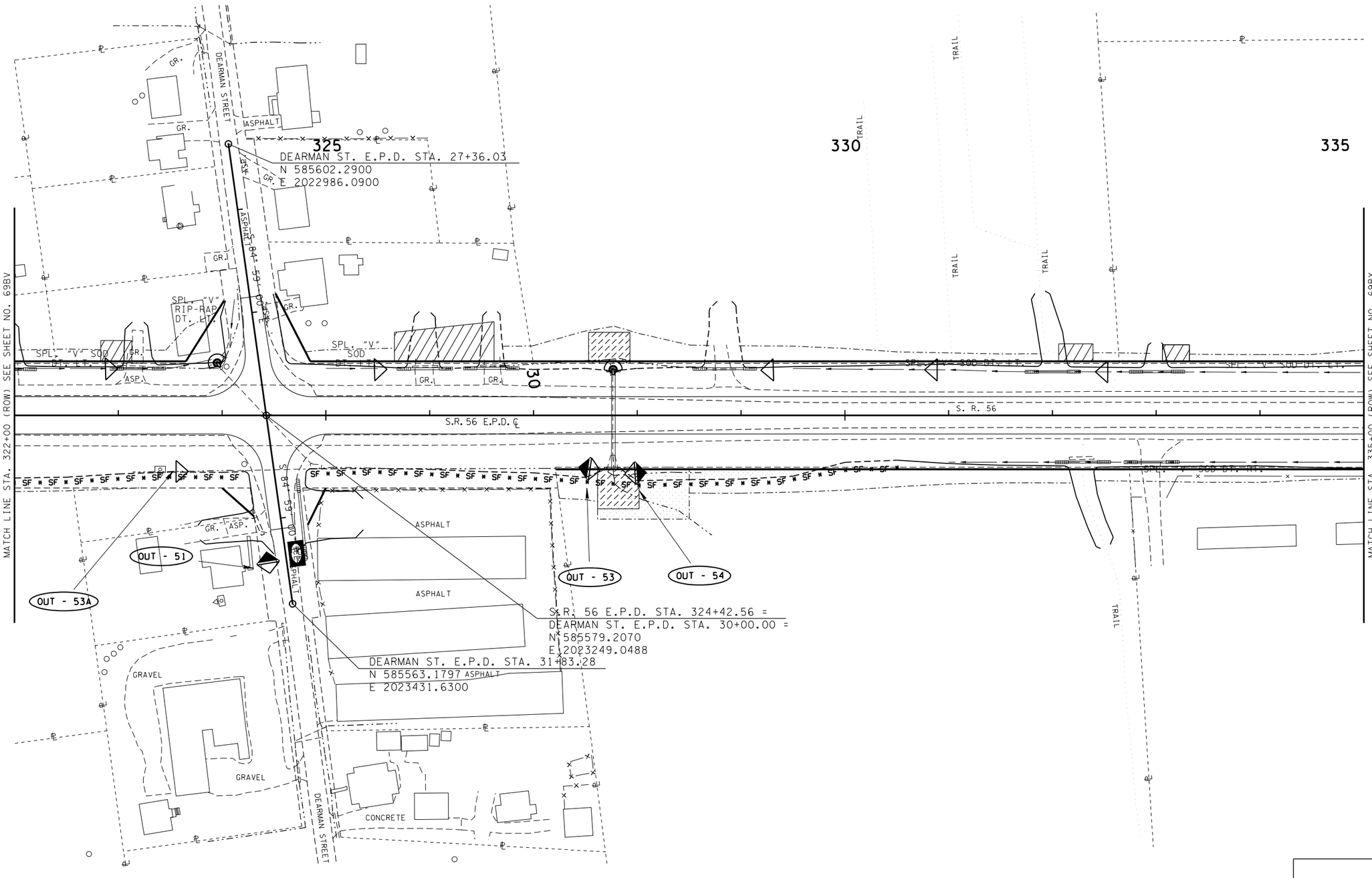
9/19/2018 11:38:10 AM
c:\pwworking\east01\d0176426\069BV.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BW
CONST.	2018	STP-56(29)	69BW

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104219
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 322+00 TO STA. 335+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

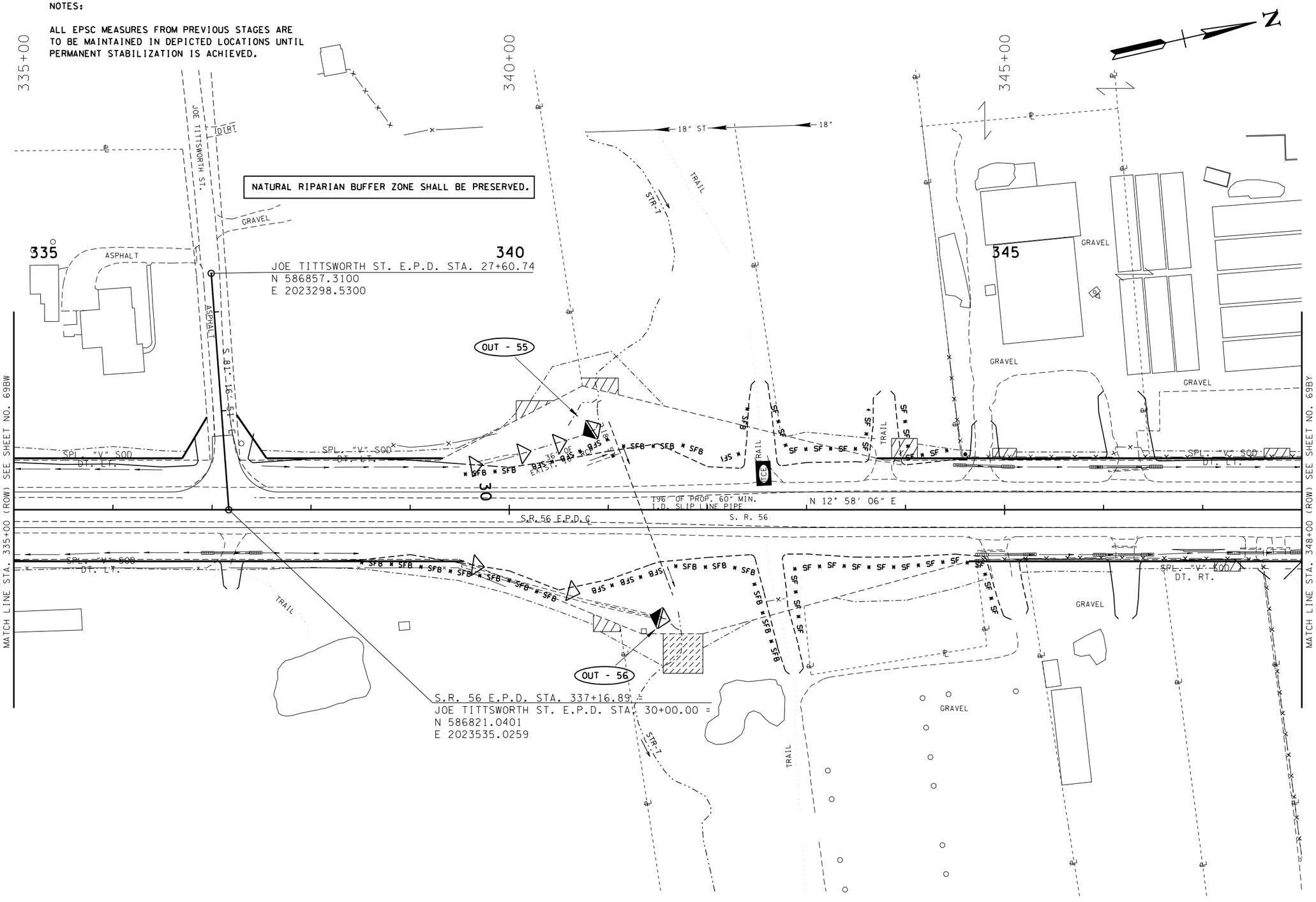
9/9/2018 11:38:20 AM
c:\pwworking\east01\d0176426\069BW.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BX
CONST.	2018	STP-56(29)	69BX

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE
NO. 102339
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 335+00 TO STA. 348+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:38:33 AM
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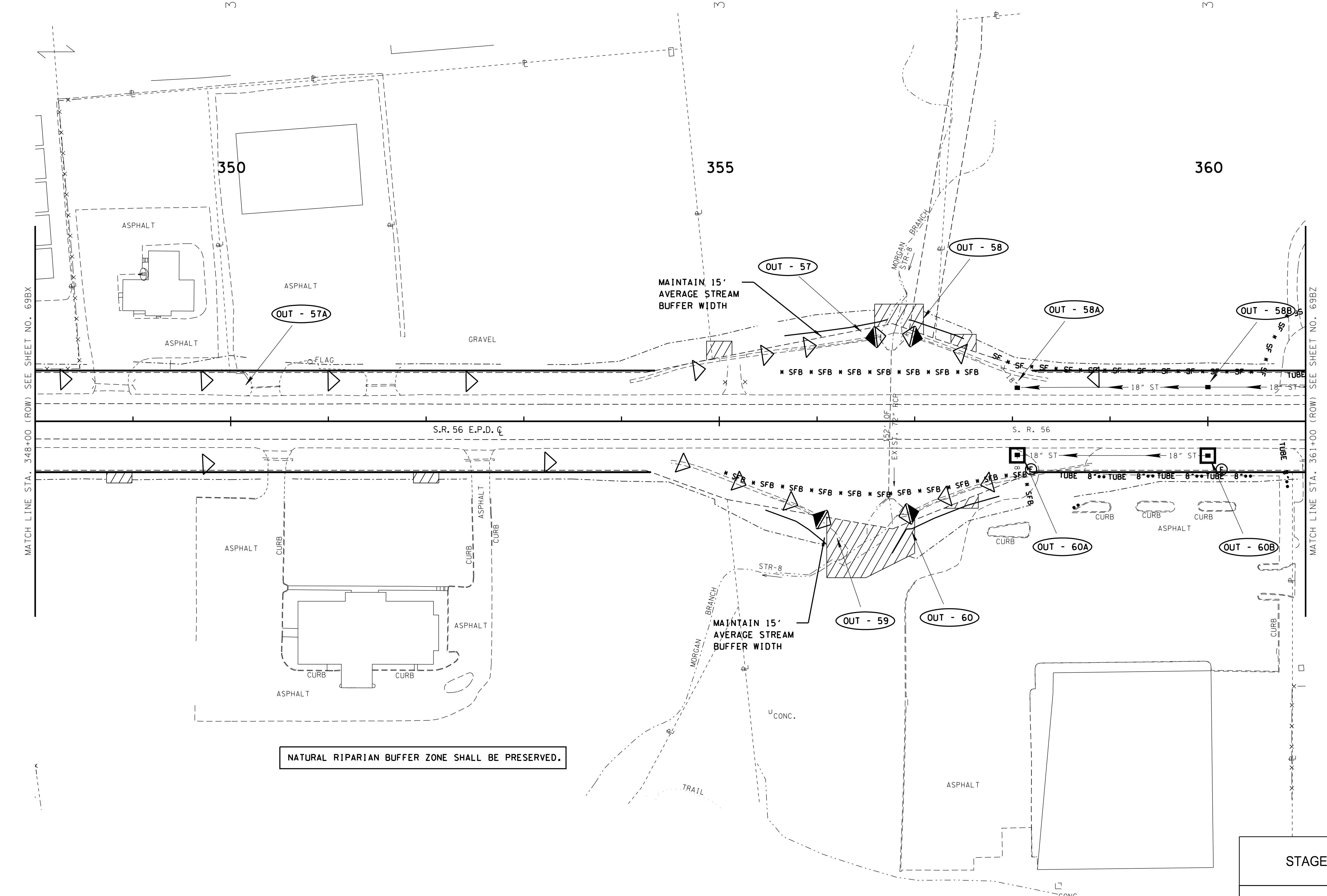
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BY
CONST.	2018	STP-56(29)	69BY

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.



NATURAL RIPARIAN BUFFER ZONE SHALL BE PRESERVED.

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE COMMERCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 348+00 TO STA. 361+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:38:44 AM
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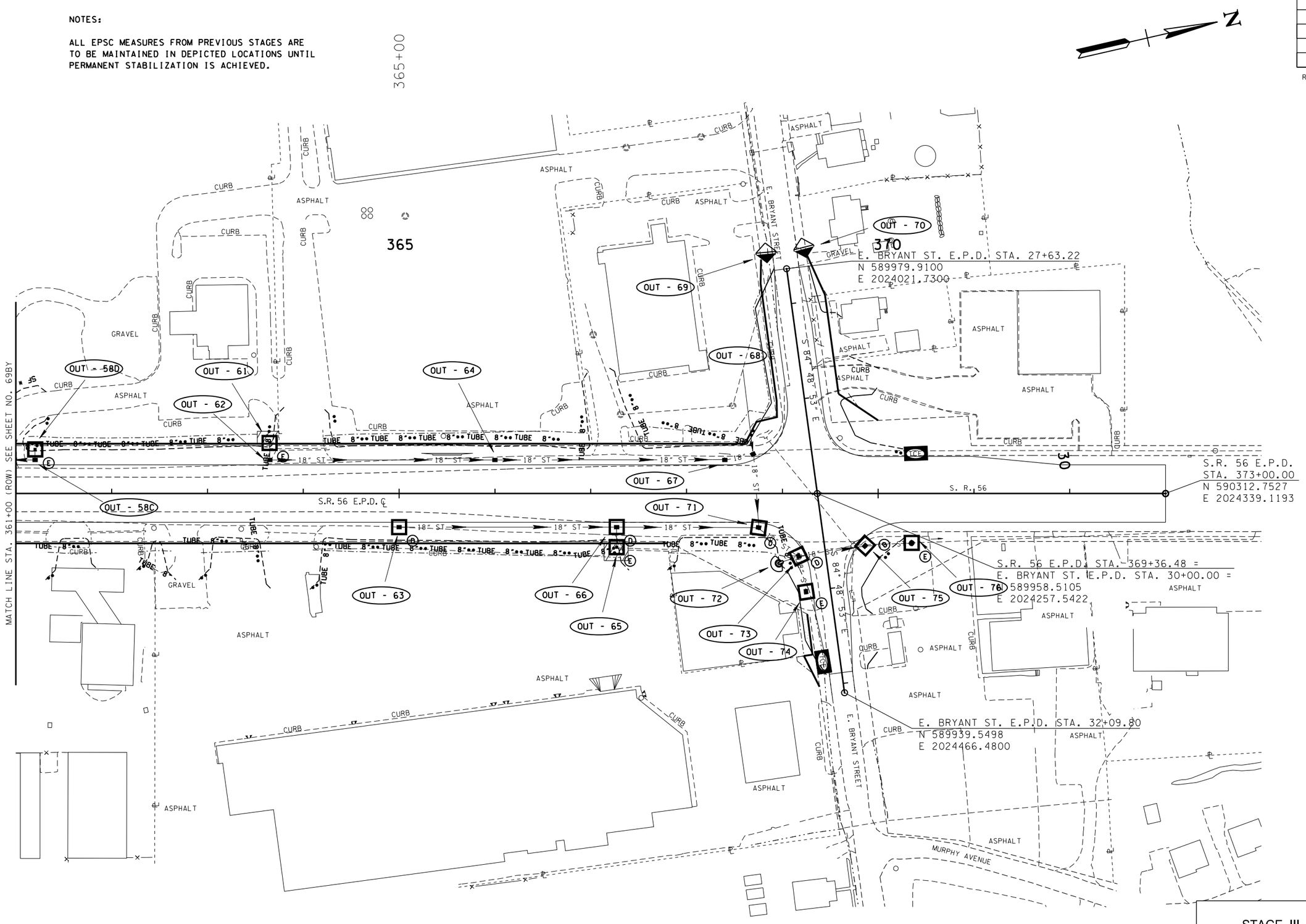
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69BZ
CONST.	2018	STP-56(29)	69BZ

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE AND INSURANCE
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE III

STA. 361+00 TO END PROJ.
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:38:57 AM
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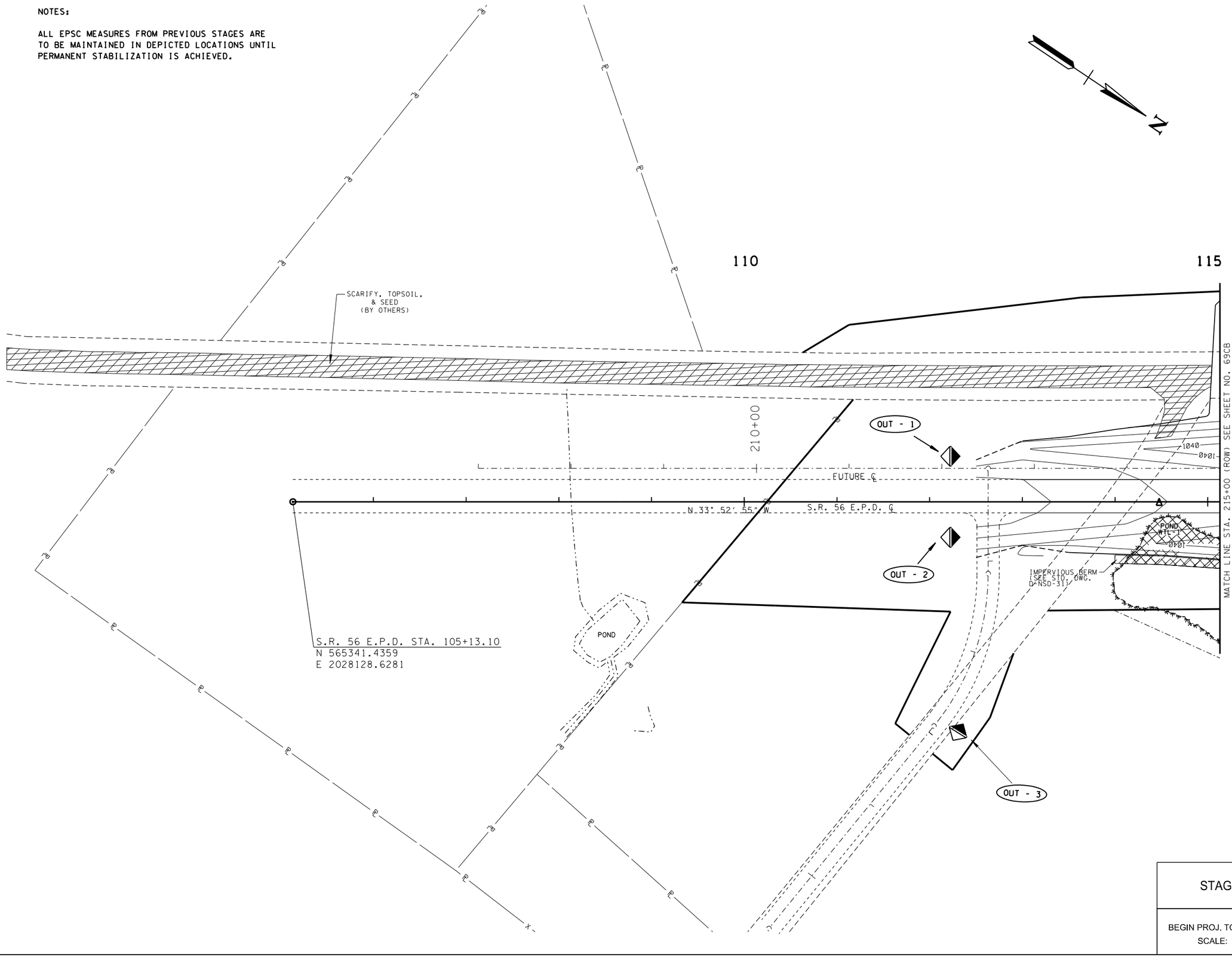
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CA
CONST.	2018	STP-56(29)	69CA

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

BEGIN PROJ. TO STA. 215+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

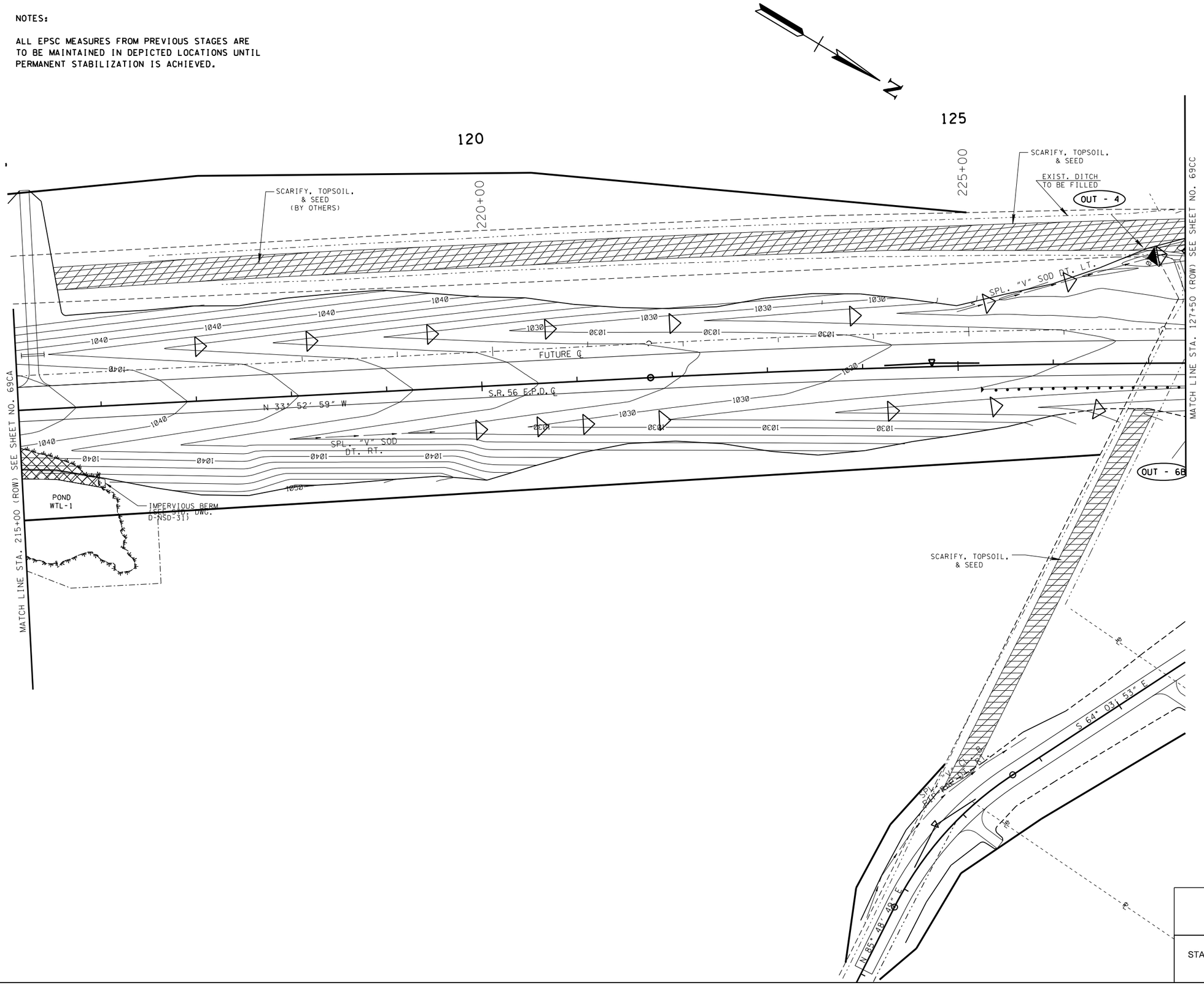
9/19/2018 11:39:13 AM
c:\pwworking\east01\d0176426\l069CA.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CB
CONST.	2018	STP-56(29)	69CB

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 215+00 TO STA. 127+50
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:39:24 AM
c:\pw\working\east01\d0176426\069CB.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CC
CONST.	2018	STP-56(29)	69CC

REV. 02-08-17: ADDED SHEET.

S.R. 56 E.P.D. STA. 129+28.80 =
BLUE SPRINGS RD. E.P.D. STA. 30+37.06 =
N 567.359.6603
E 2026801.7354

BLUE SPRINGS RD. E.P.D. STA. 25+72.92
N 576206.2420
E 2026364.2160

130+00

135+00

N 66° 07' 03" E

N 72° 47' 50" E

N 72° 50' 04" E

N 72° 50' 59" E

N 30° 55' 11" W

POND

130

135

140

30

SCARIFY, TOPSOIL & SEED

OUT - 5

EXIST. DITCH TO BE FILLED

SPL. "V" SOD DT. RT.

SCARIFY, TOPSOIL & SEED

OUT - 9

1020

R.O.W.℄

S.R. 56 E.P.D. ℄

WWC-2/EPH-2

MATCH LINE STA. 140+00 (ROW) SEE SHEET NO. 69CD

MATCH LINE STA. 127+00 (ROW) SEE SHEET NO. 69CB

OUT - 6

WWC-1/EPH-1

SPL. "V" SOD DT. LT.

OUT - 6A

SPL. "V" RIP-RAP DT. RT.

SPL. "V" CLASS B RIP-RAP DT. LT.

OUT - 8

SPL. "V" CLASS B RIP-RAP DT. RT.

OUT - 7

OUT - 10

S.R. 56 E.P.D. STA. 129+28.80=
S.R. 288 E.P.D. STA. 30+37.06 =
N 567359.6603
E 2026801.7354

POND

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE
DEPARTMENT OF AGRICULTURE
DEPARTMENT OF COMMERCE AND INSURANCE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 127+50 TO STA. 140+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:39:37 AM
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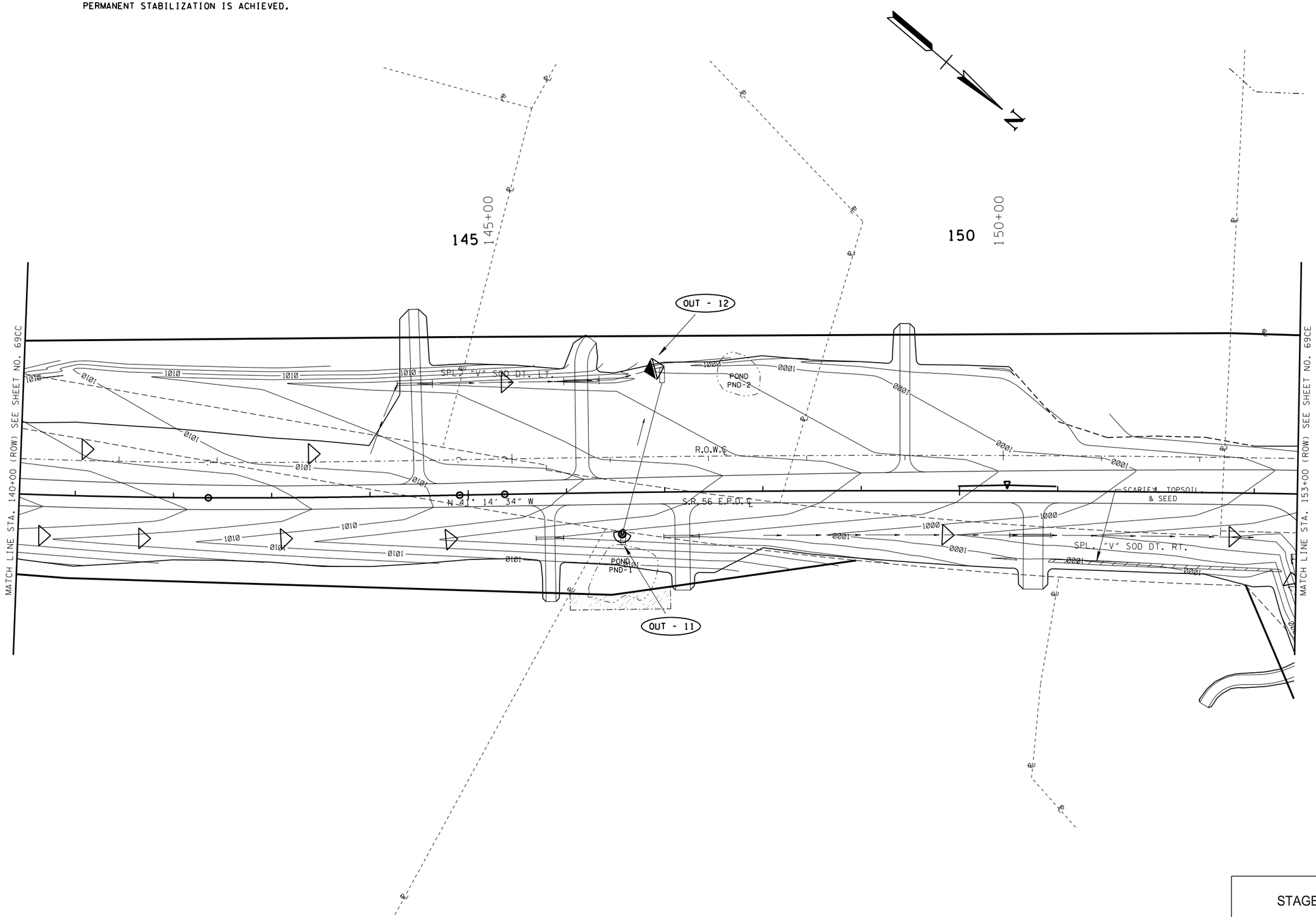
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CD
CONST.	2018	STP-56(29)	69CD

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
DEPARTMENT OF AGRICULTURE
COMMERCE
No. 104319
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 140+00 TO STA. 153+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:39:48 AM
c:\pwworking\east01\d0176426\069CD.sht

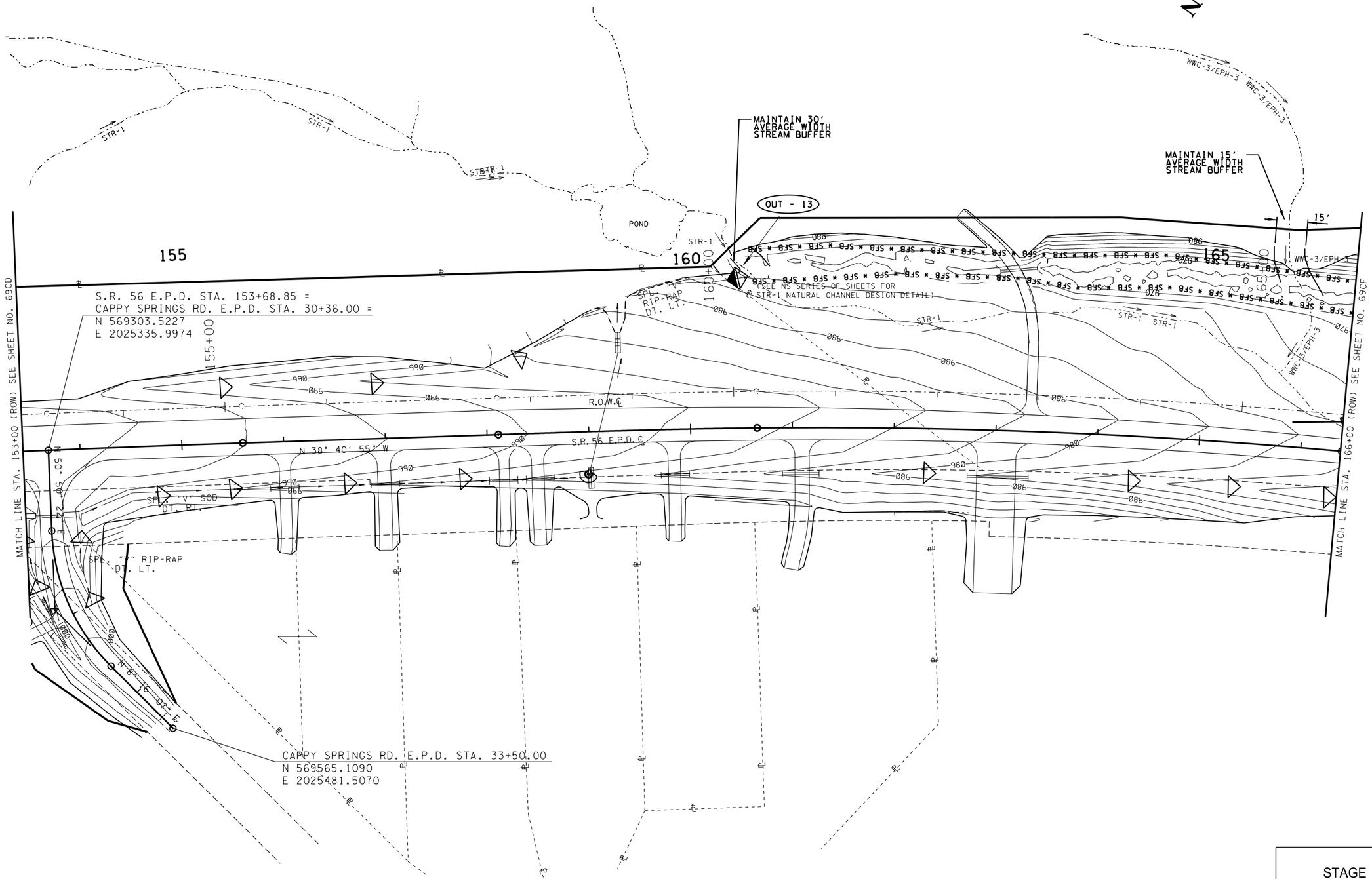
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CE
CONST.	2018	STP-56(29)	69CE

REV. 02-08-17: ADDED SHEET.

REV. 03-20-18: REVISED STR-1. PROPOSED CONTOURS, AND SFB.



E.P.D.

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 153+00 TO STA. 166+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:39:59 AM
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NOTES:

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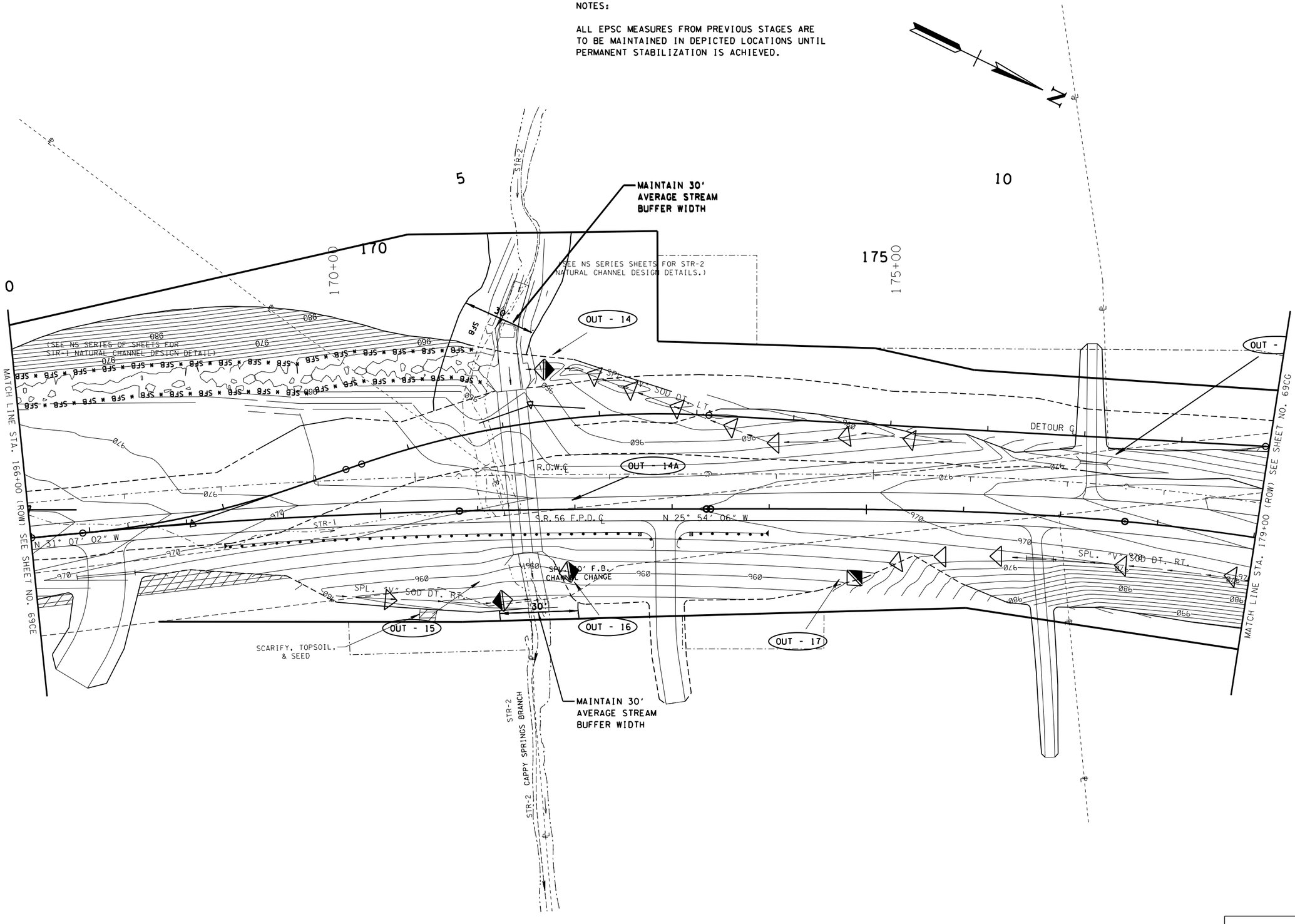
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CF
CONST.	2018	STP-56(29)	69CF

REV. 02-08-17: ADDED SHEET.

REV. 03-20-18: REVISED STR-1, PROPOSED CONTOURS, AND SFB.



E.P.D.

SEALED BY

Brian H. Trotter REGISTERED ENGINEER DEPARTMENT OF AGRICULTURE COMMERCE NO. 109219 STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 166+00 TO STA. 179+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:40:11 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CG
CONST.	2018	STP-56(29)	69CG

REV. 02-08-17: ADDED SHEET.

NOTES:

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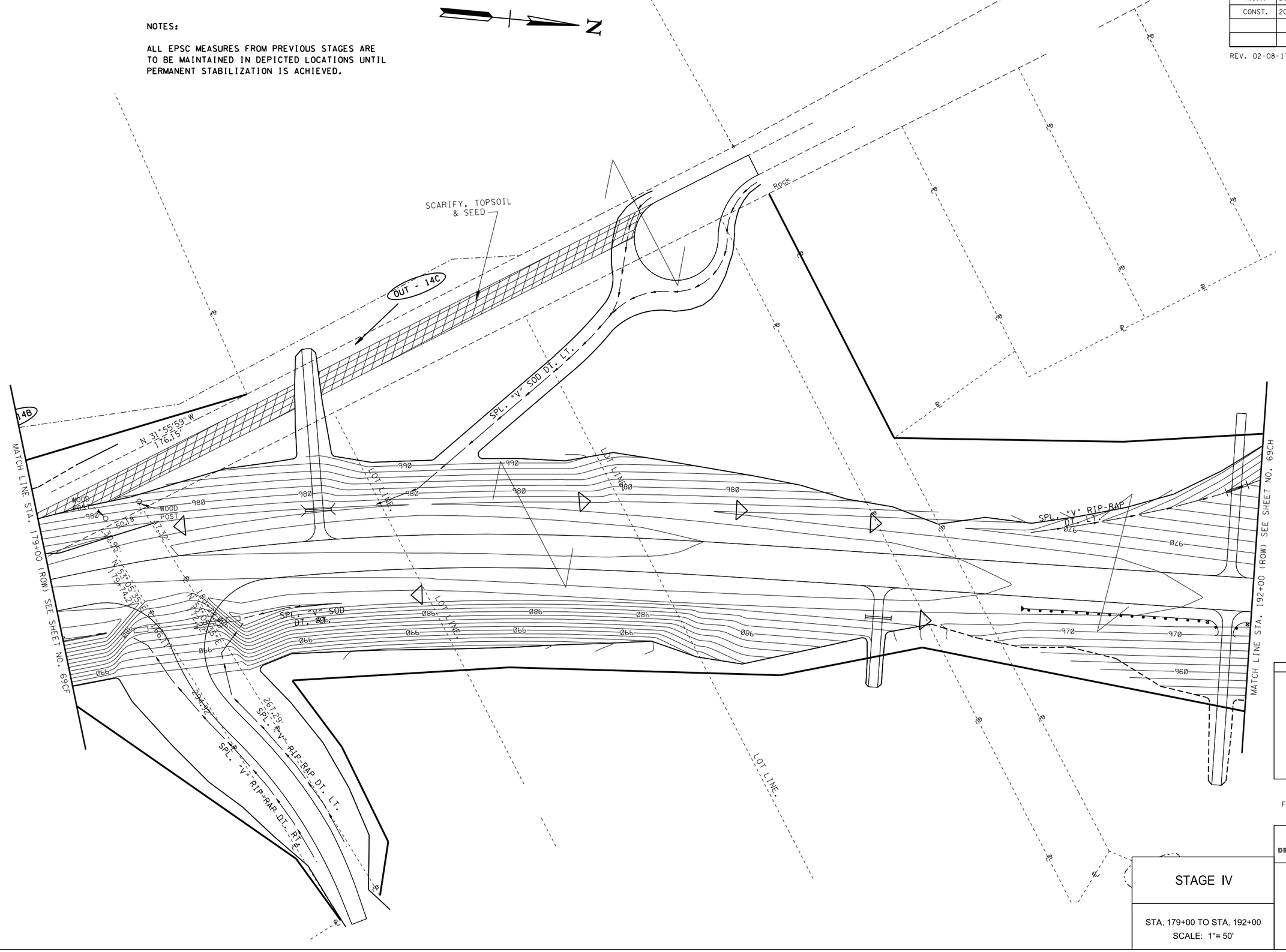


E.P.D.

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0000095 AND TIED TO THE TCRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

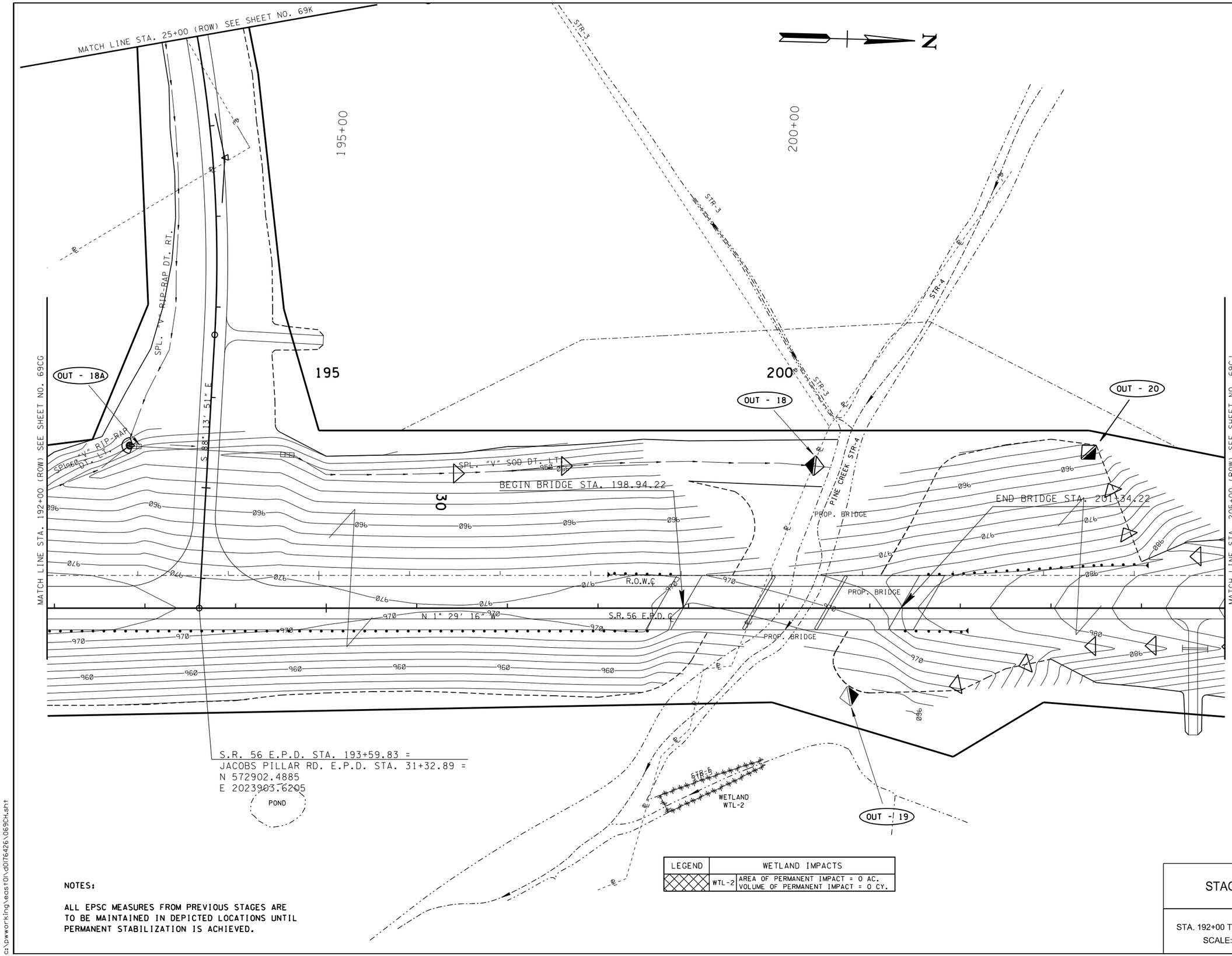
STA. 179+00 TO STA. 192+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:40:22 AM
c:\pwworking\east01\d0176426\069CG.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CH
CONST.	2018	STP-56(29)	69CH

REV. 02-08-17: ADDED SHEET.



LEGEND	WETLAND IMPACTS	
▨	WTL-2	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 CY.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0000095 AND TIED TO THE TCRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 192+00 TO STA. 205+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:40:38 AM
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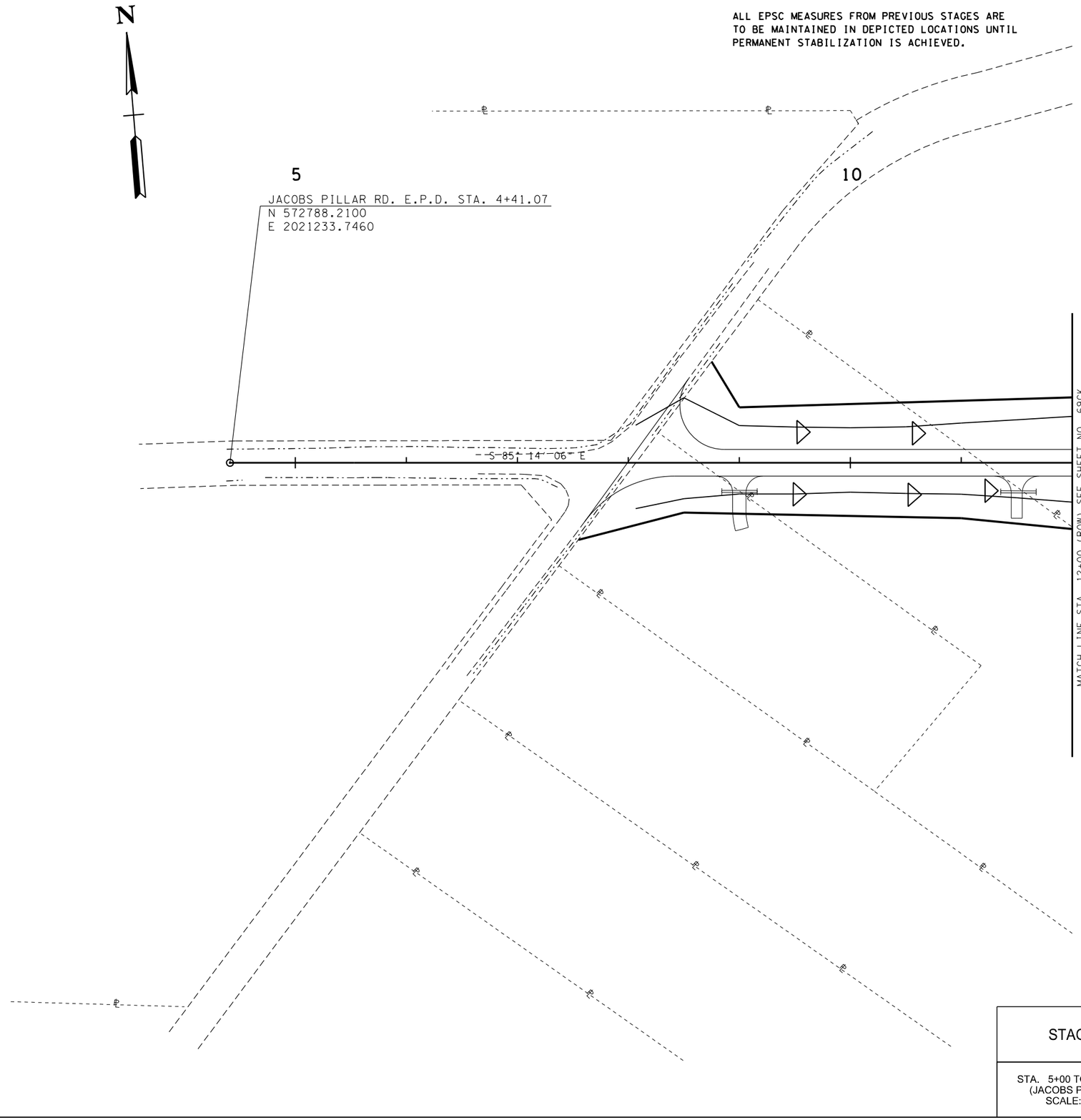
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CJ
CONST.	2018	STP-56(29)	69CJ

REV. 02-08-17: ADDED SHEET.

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104259
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 5+00 TO STA. 12+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:40:50 AM
c:\pwworking\east01\d0176426\069CJ.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CK
CONST.	2018	STP-56(29)	69CK

REV. 02-08-17: ADDED SHEET.

N

15

20

25

MATCH LINE STA. 12+00 (ROW) SEE SHEET NO. 69CJ

MATCH LINE STA. 25+00 (ROW) SEE SHEET NO. 69CH

OUT - 21

OUT - 22

OUT - 23

OUT - 24

OUT - 25

OUT - 26

OUT - 24A

SPL. "V" CL. B RIP-RAP DT. LT.

SPL. "V" CL. B RIP-RAP DT. RT.

SPL. "V" RIP-RAP DT. LT.

STR-3

POND

N 76° 12' 00" E

N 33° 51' 13" W

JACOBS PILLAR RD. E.P.D. STA. 22+78.97 =
OLD S.R. 56 STA. 12+00.00
N 572832.3526
E 2023057.8715

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104319
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 12+00 TO STA. 25+00
(JACOBS PILLAR RD.)
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:41:05 AM
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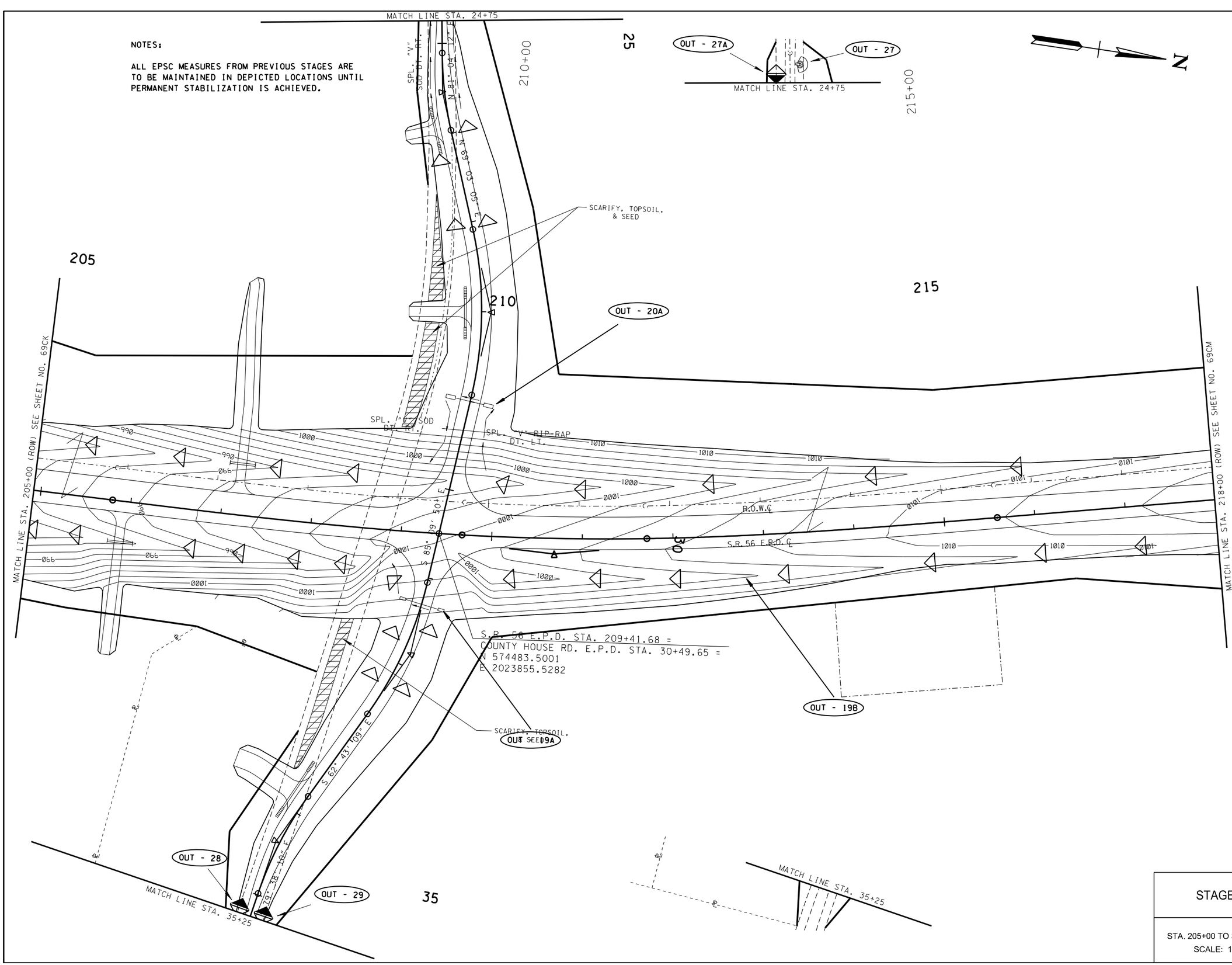
NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CL
CONST.	2018	STP-56(29)	69CL

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 102270
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000095 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 205+00 TO STA. 218+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:41:16 AM
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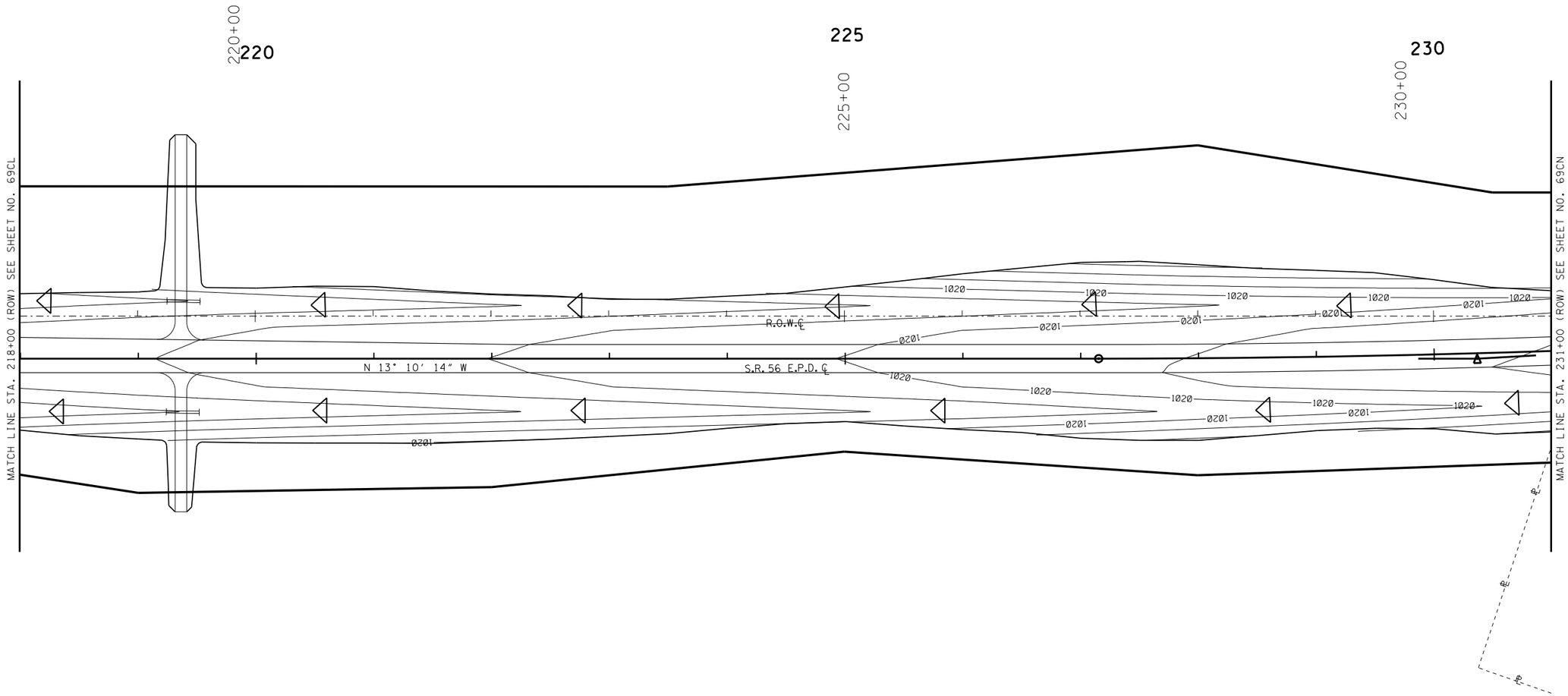

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CM
CONST.	2018	STP-56(29)	69CM

REV. 02-08-17: ADDED SHEET.

E.P.D.

SEALED BY

Brian H. Trotter
NO. 104219

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 218+00 TO STA. 231+00
SCALE: 1"= 50'

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS

9/19/2018 11:41:27 AM
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NOTES:

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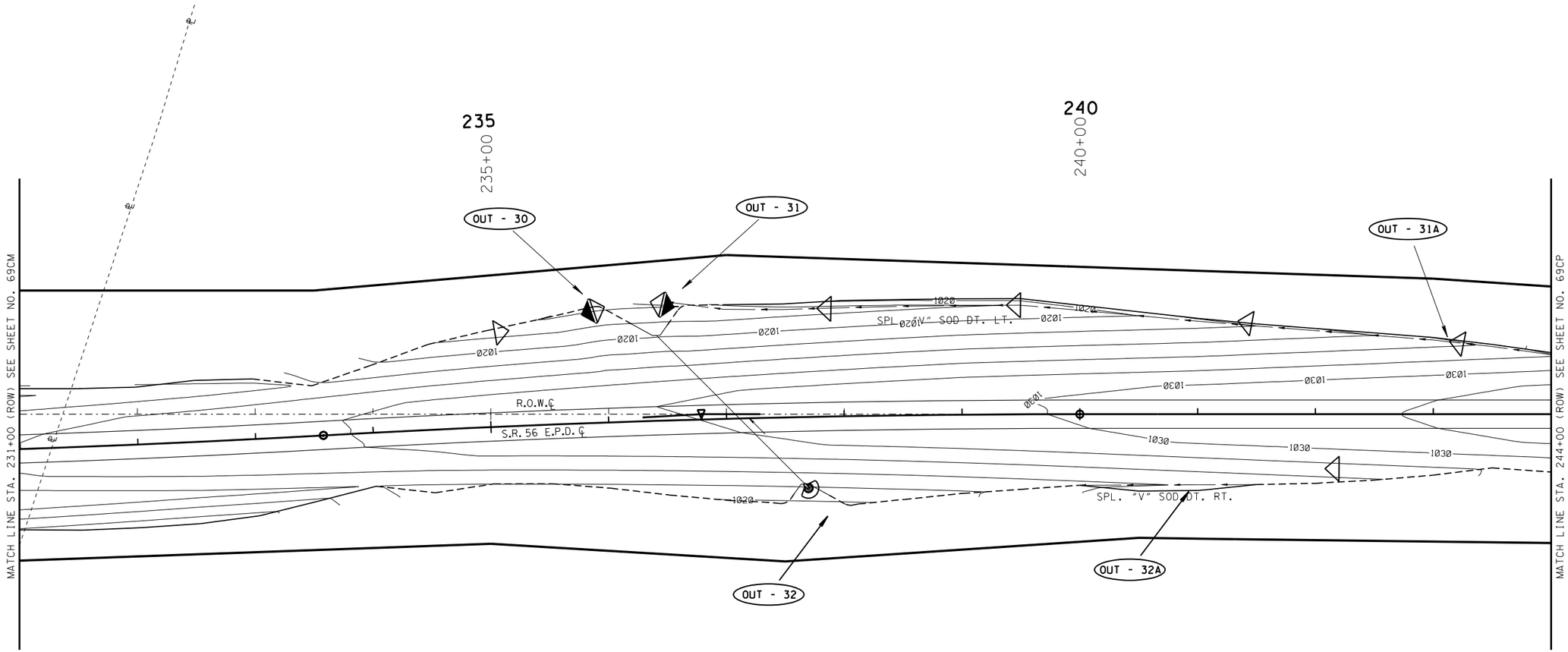
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CN
CONST.	2018	STP-56(29)	69CN

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 231+00 TO STA. 244+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

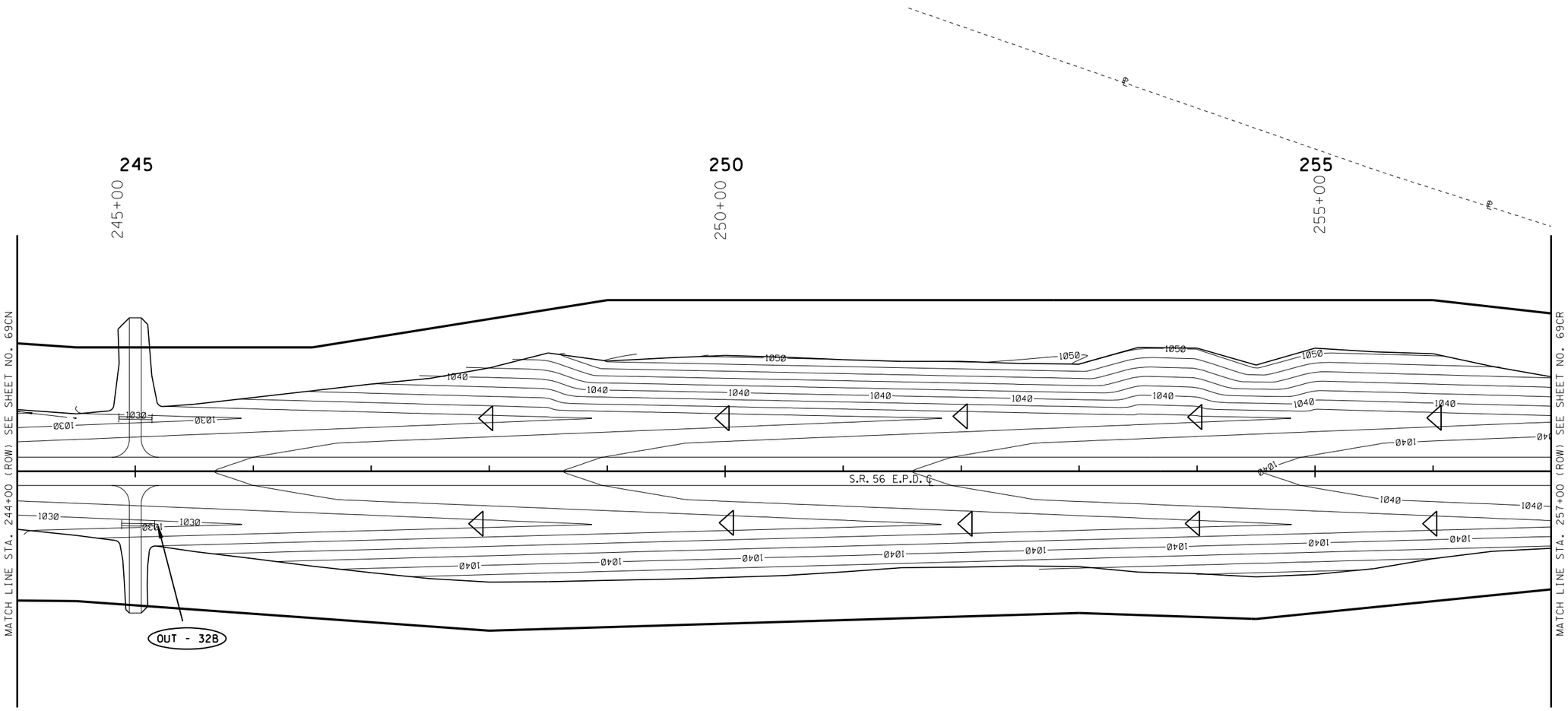
9/19/2018 11:41:38 AM
c:\pwworking\east01\d0176426\069CN.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CP
CONST.	2018	STP-56(29)	69CP

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 244+00 TO STA. 257+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:41:56 AM
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NOTES:

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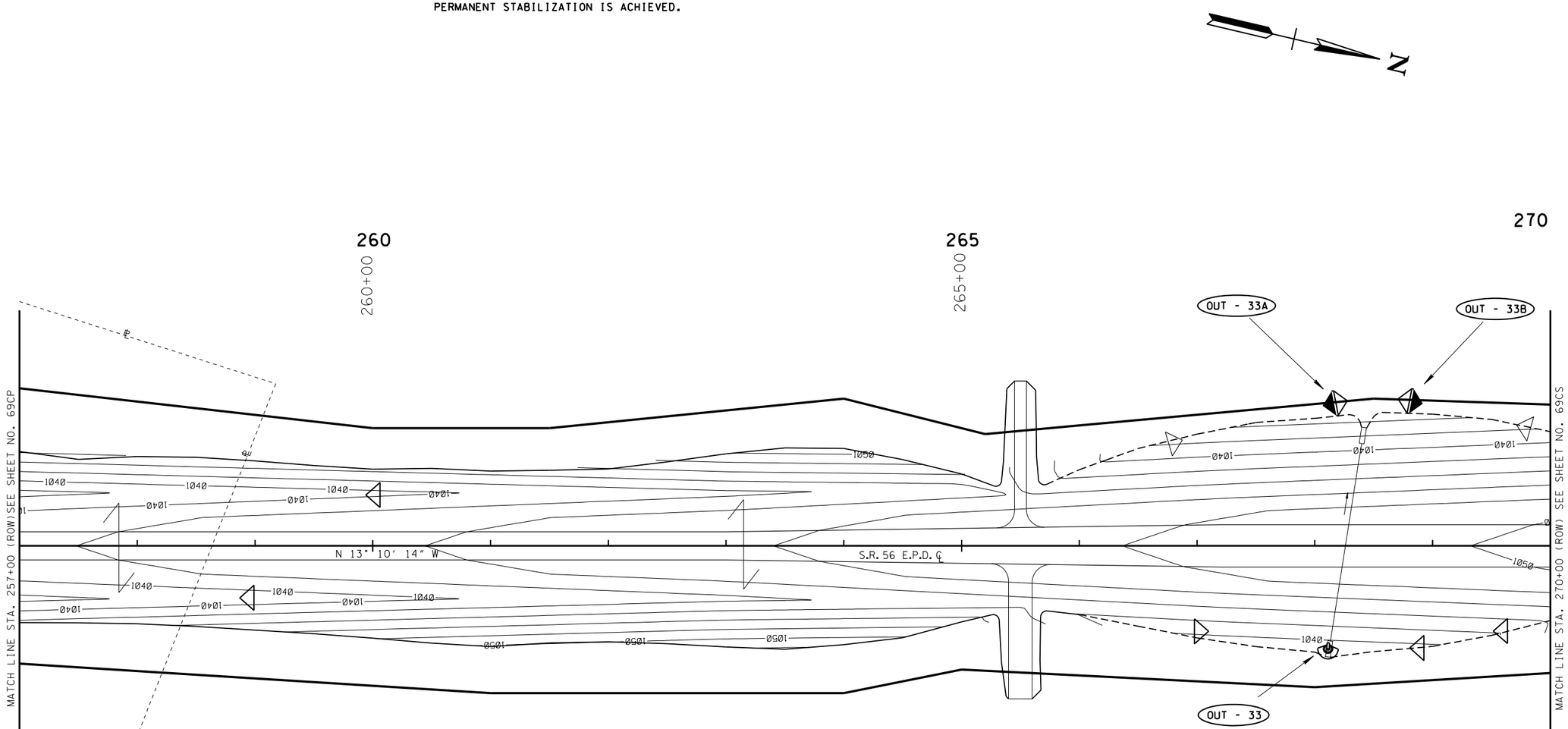
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CR
CONST.	2018	STP-56(29)	69CR

REV. 02-08-17: ADDED SHEET.



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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 257+00 TO STA. 270+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

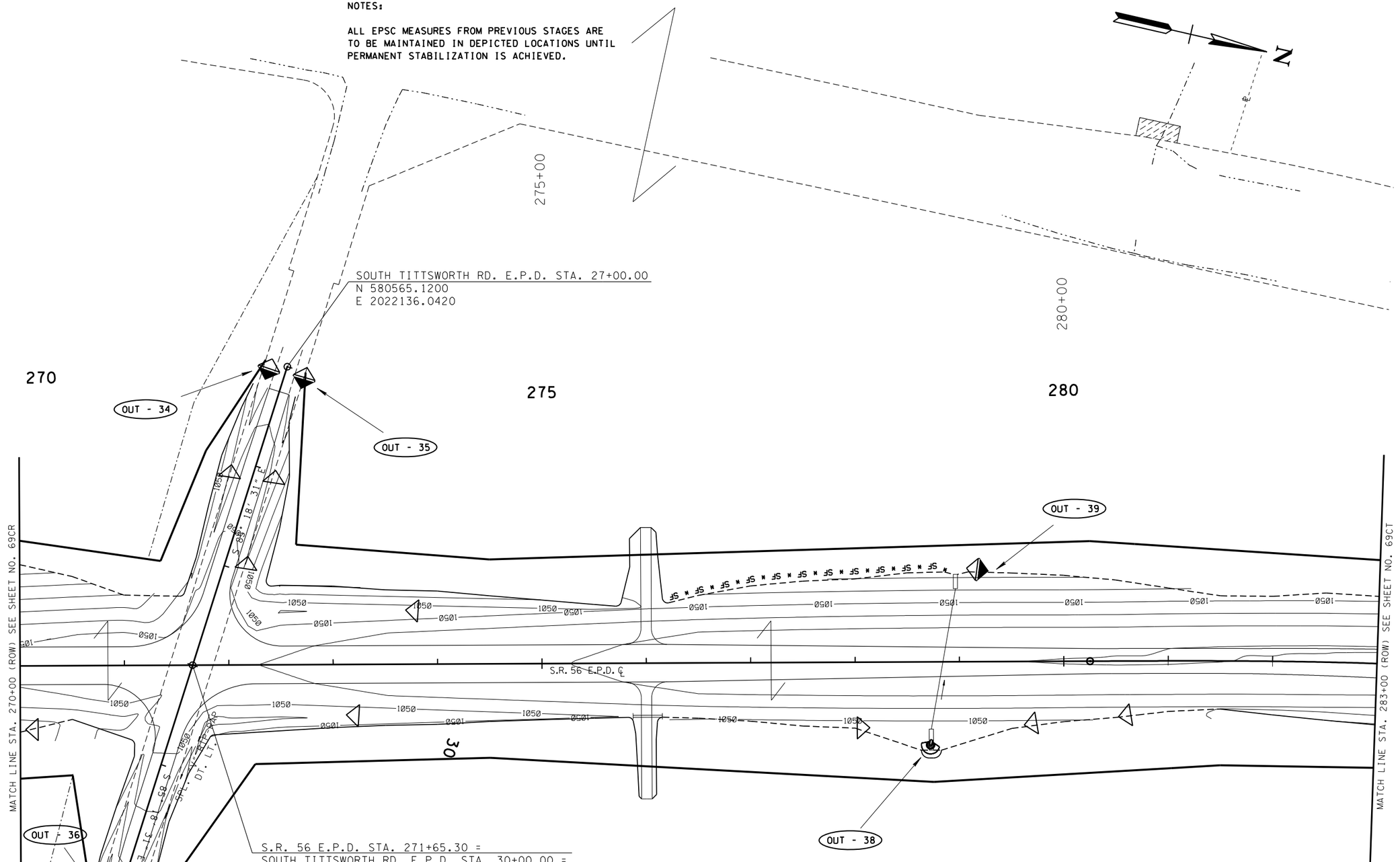
9/19/2018 11:42:07 AM
c:\pwworking\east01\d0176426\069CR.sht

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CS
CONST.	2018	STP-56(29)	69CS

REV. 02-08-17: ADDED SHEET.



E.P.D.

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 270+00 TO STA. 283+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/9/2018 11:42:19 AM
c:\pwworking\east01\d0176426\069CS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CT
CONST.	2018	STP-56(29)	69CT

REV. 02-08-17: ADDED SHEET.

30

35

S. COLLEGE ST. E.P.D. STA. 35+81.99 =
S.R. 56 CONNECTOR E.P.D. STA. 26+58.87 =
N 582326.2777
E 2021802.8909

S. COLLEGE ST. E.P.D. STA. 37+24.85
N 582468.7245
E 2021792.0850

285+00

290+00

295+00

OUT - 40A

S. COLLEGE ST. E.P.D. STA. 30+00.00
N 581745.9000
E 2021801.0350

SPL. "V" SOD DT. LT.

24'

N 5° 09' 16" E

LIMIT OF CONST. 30+00.00

OUT - 40

285

N 4° 20' 17" W

N 85° 39' 43" E

290

LIMIT OF CONST. 37+24.85

24'

295

SCARIFY, TOPSOIL & SEED

S 84° 40' 27" E

SPL. "V" SOD DT. RT.

1050

0501

30

MATCH LINE STA. 283+00 (ROW) SEE SHEET NO. 69CS

S.R. 56 E.P.D. ℄

MATCH LINE STA. 296+00 (ROW) SEE SHEET NO. 69CU

E.P.D.

S.R. 56 E.P.D. STA. 289+80.00 =
S.R. 56 CONNECTOR E.P.D. STA. 30+00.00 =
N 582322.7794
E 2022143.0285

NOTES:

ALL EPSC MEASURES FROM PREVIOUS STAGES ARE TO BE MAINTAINED IN DEPICTED LOCATIONS UNTIL PERMANENT STABILIZATION IS ACHIEVED.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104319
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 283+00 TO STA. 296+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:42:41 AM
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NOTES:

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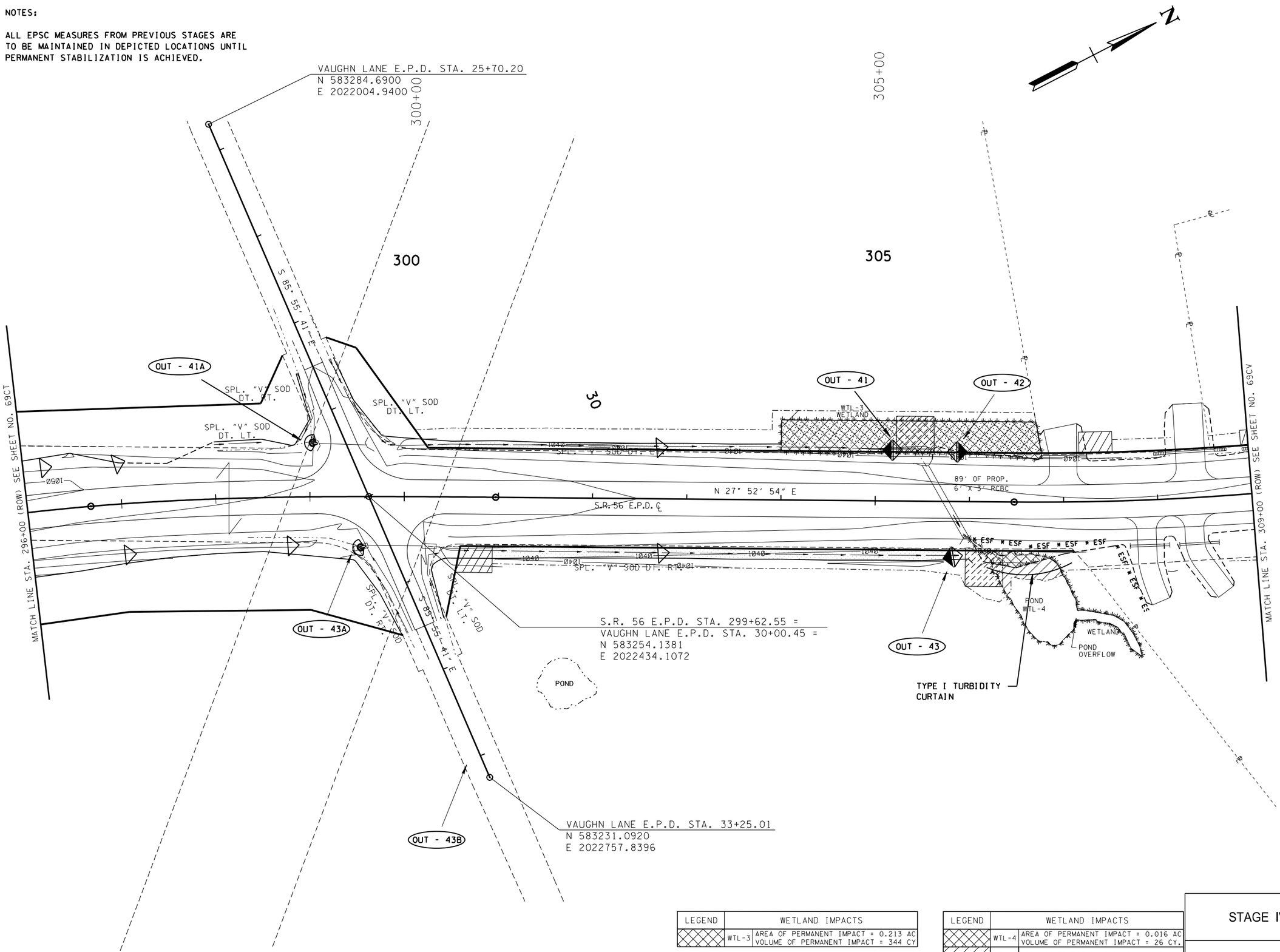
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CU
CONST.	2018	STP-56(29)	69CU

REV. 02-08-17: ADDED SHEET.



LEGEND	WETLAND IMPACTS
WTL-3	AREA OF PERMANENT IMPACT = 0.213 AC VOLUME OF PERMANENT IMPACT = 344 CY

LEGEND	WETLAND IMPACTS
WTL-4	AREA OF PERMANENT IMPACT = 0.016 AC VOLUME OF PERMANENT IMPACT = 26 CY.
WTL-4	AREA OF TEMPORARY IMPACT = 0.029 AC

E.P.D.

SEALED BY

Brian H. Trotter REGISTERED ENGINEER STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 296+00 TO STA. 309+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:42:56 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CV
CONST.	2018	STP-56(29)	69CV

REV. 02-08-17: ADDED SHEET.

NOTES:

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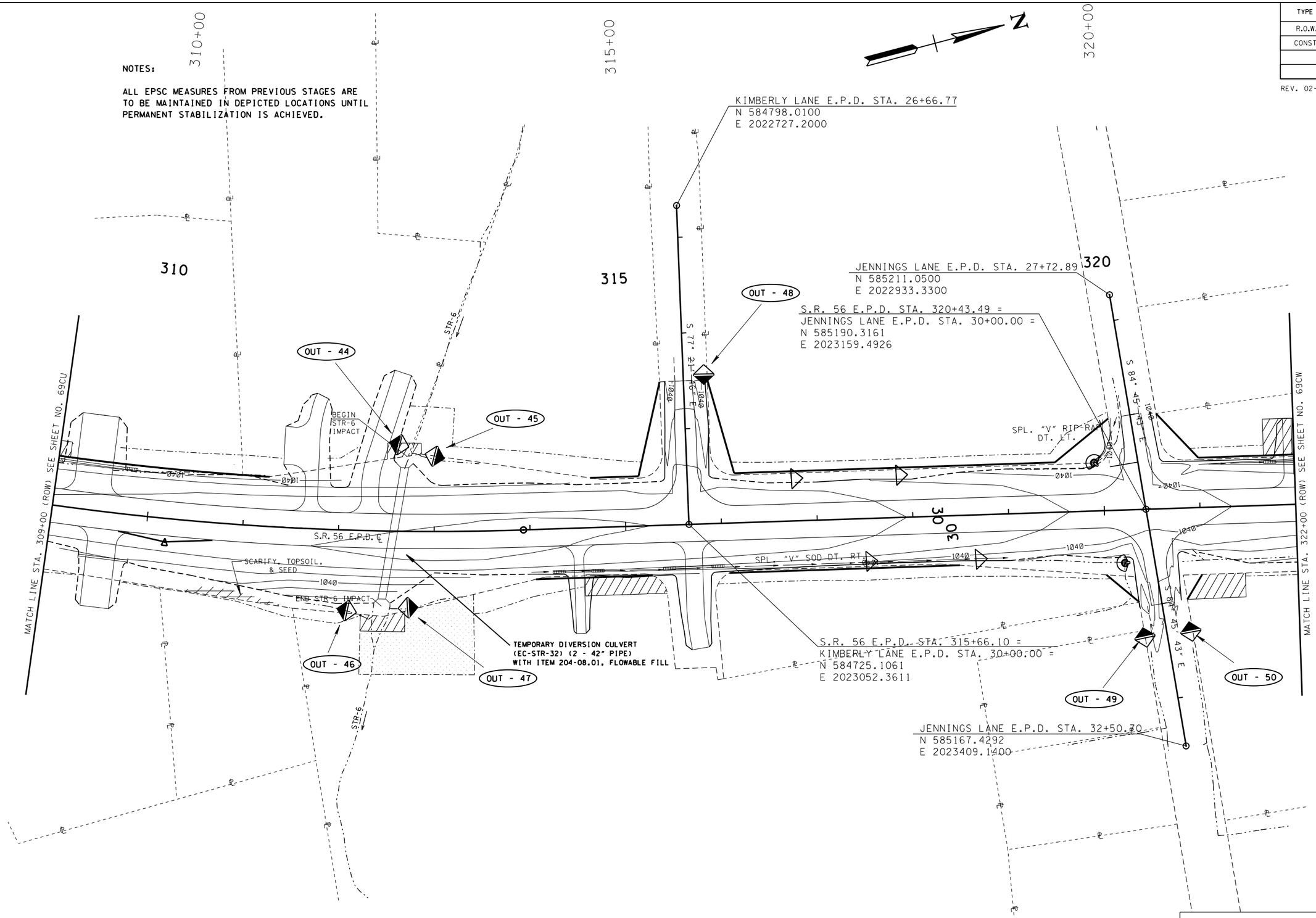

E.P.D.

SEALED BY

Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 104319
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 309+00 TO STA. 322+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:43:08 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CW
CONST.	2018	STP-56(29)	69CW

REV. 02-08-17: ADDED SHEET.

NOTES:

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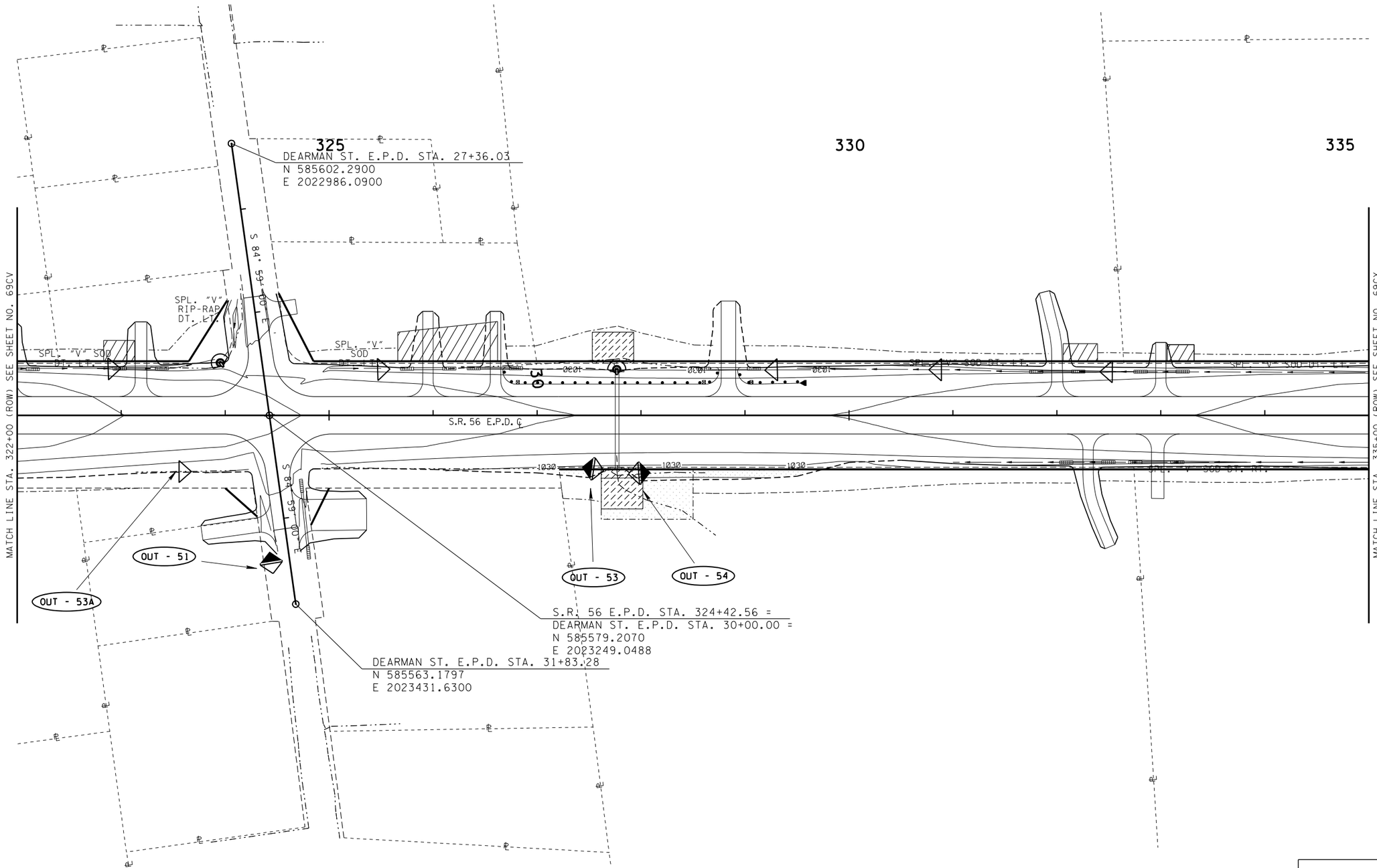

E.P.D.

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 322+00 TO STA. 335+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:43:20 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CX
CONST.	2018	STP-56(29)	69CX

REV. 02-08-17: ADDED SHEET.

NOTES:

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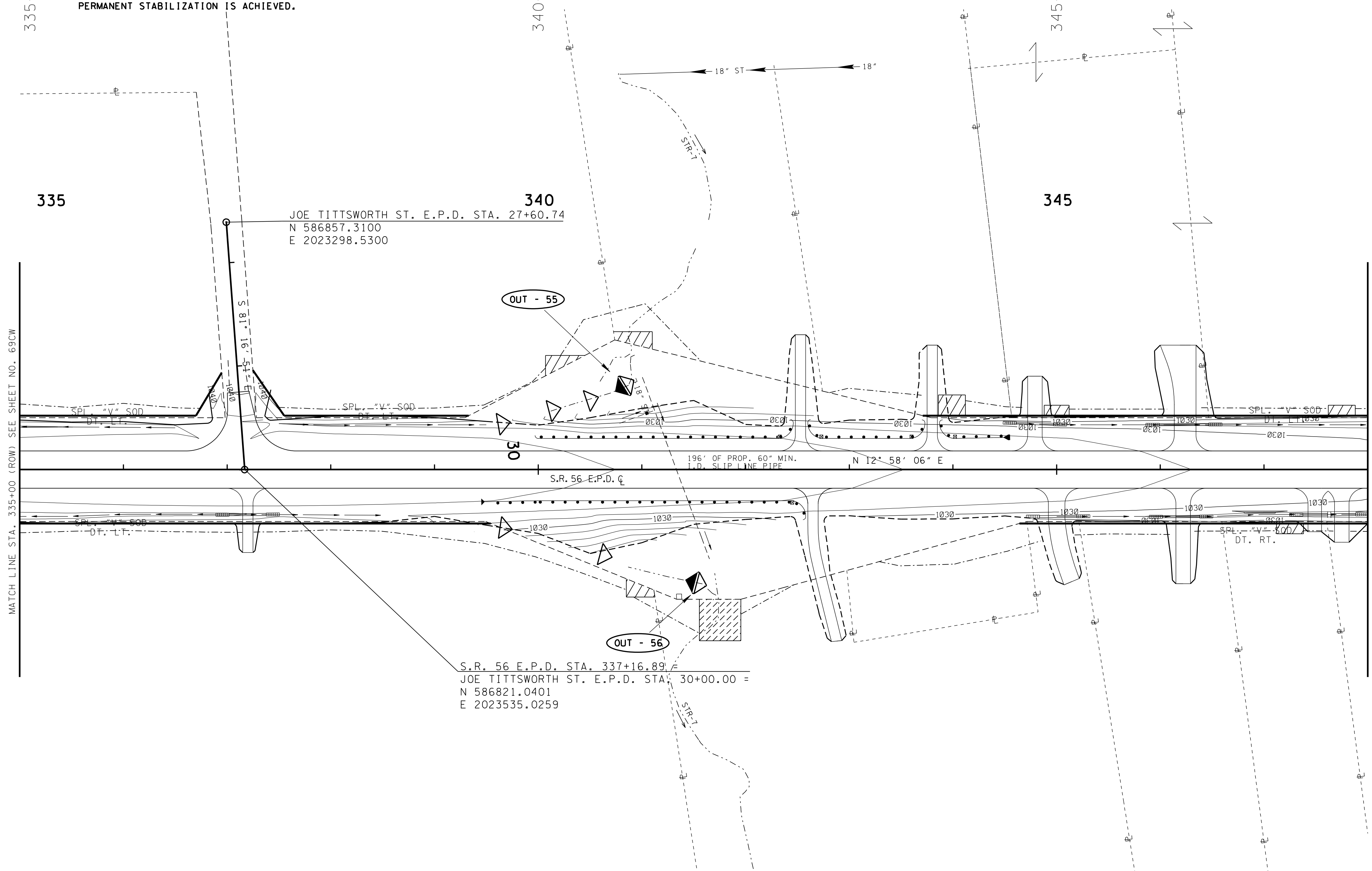

E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
AGRICULTURE COMMERCE
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 335+00 TO STA. 348+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:43:31 AM
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NOTES:

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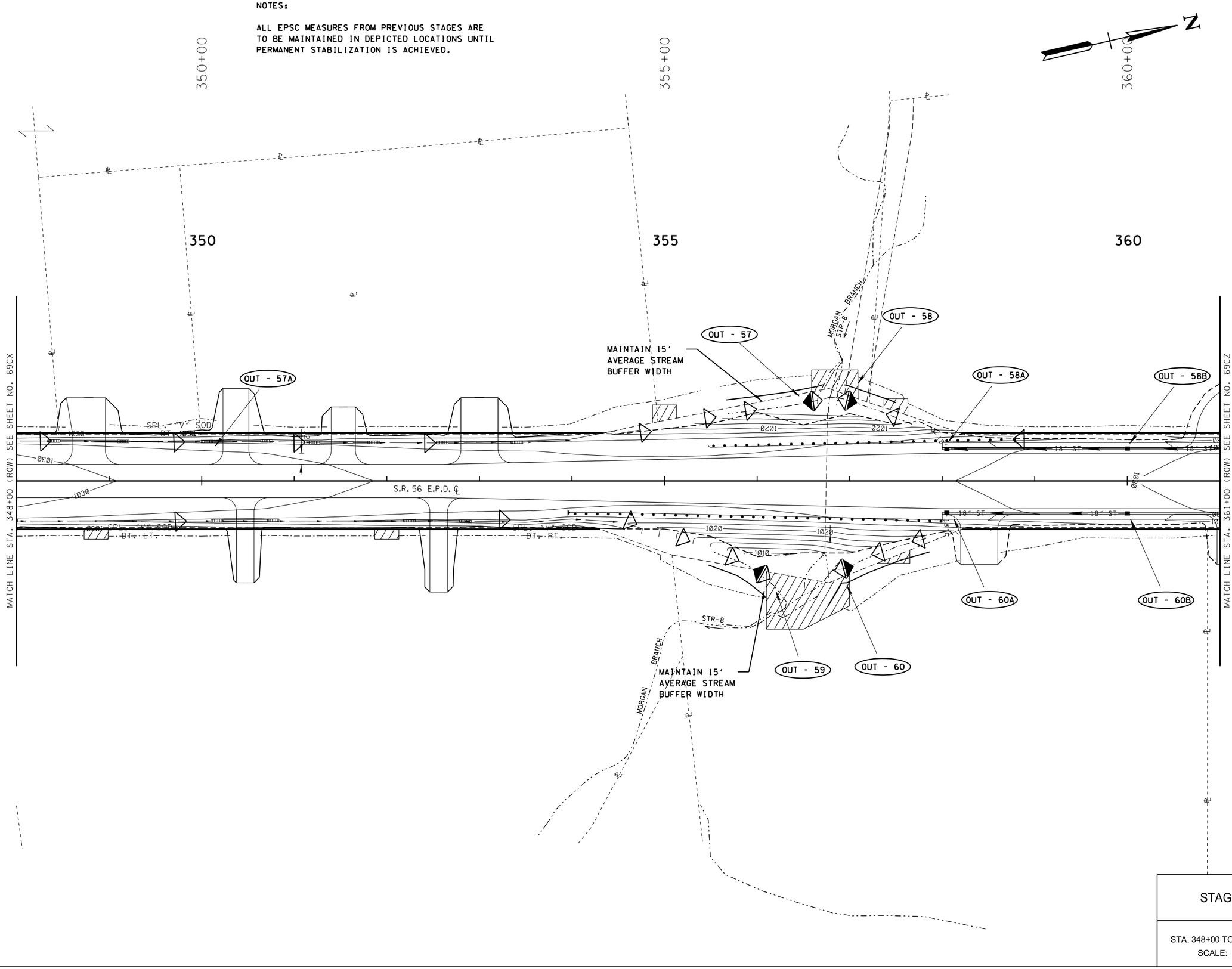
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CY
CONST.	2018	STP-56(29)	69CY

REV. 02-08-17: ADDED SHEET.



E.P.D.

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Brian H. Trotter
REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 348+00 TO STA. 361+00
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:43:41 AM
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NOTES:

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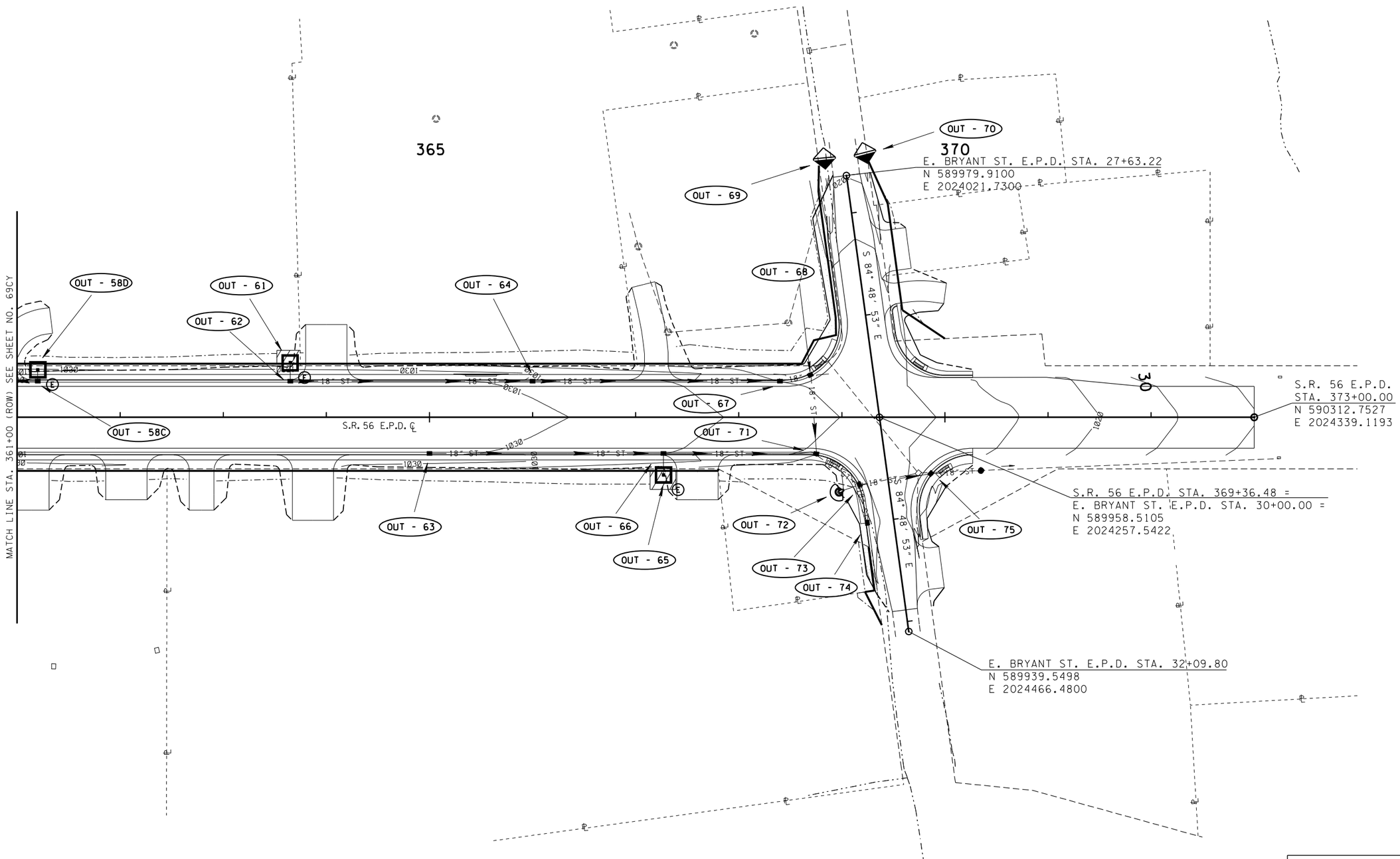
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	STP-56(29)	69CZ
CONST.	2018	STP-56(29)	69CZ

REV. 02-08-17: ADDED SHEET.



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REGISTERED ENGINEER
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE IV

STA. 361+00 TO END PROJ.
SCALE: 1"= 50'

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

9/19/2018 11:43:54 AM
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