STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REGION 2 DESIGN
P. O. BOX 22368
CHATTANOOGA, TENNESSEE 37422
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JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

M E M O R A N D U M

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Mr. David A. Rutherford, City Manager, Crossville, TN
Ms. Sally Oglesby, City Clerk, Crossville, TN
Mr. Tim Begley, Director of Engineering, Crossville, TN
Mayor Kenneth Carey, Cumberland County
Mr. Scott Blaylock, Road Superintendent, Cumberland, TN

FROM: David A. Yates, PE, Civil Engineering Manager 1

DATE: June 27, 2016

SUBJECT: Constructability Field Review (Phase 2 ONLY)
Project No. STP-101(17), 18038-3242-14
PIN No. 100268.02
SR-101 (Peavine Road), from Lakeview Drive to east of Westchester Drive/
Catossa Boulevard in Fairfield Glade
Cumberland County

This will confirm arrangements made regarding a Field Review for the subject project.

Persons desiring to attend, please meet at
TDOT Region 2 Construction Office
218 Genesis Road, Suite 101
Crossville, TN
on July 18, 2016 at 9:00 A.M., Central Standard Time.

The plans have been uploaded to FileNet under the file name:
100268-02-ConstructabilityFieldReview.pdf

The plans for Phase 1 have been uploaded to FileNet under the file name:
100268-01-ConstructabilityFieldReview.pdf

For those addressees without FileNet access, prints of the ½ size plans will be mailed.

Please review the plans and have your comments ready before the field review is made.

Enclosures

CC: Mr. Brad Scott (Brad.Scott@tn.gov)
Mr. Steve Langford (Steve.Langford@tn.gov)
Mr. Rob Howard (Rob.Howard@tn.gov)
Mr. Adam Casteel (Adam.Casteel@tn.gov)
Mr. Chester Sutherland (Chester.Sutherland@tn.gov)
Mr. Landon Castleberry (Landon.T.Castleberry@tn.gov)
Mr. Scott Medlin (Scott.Medlin@tn.gov)
Mr. Cole Reagan, AMEC Foster Wheeler (cole.reagan@amecfw.com)

UTILITIES, w/one set of half size prints
Mr. Harold Rader,II, Frontier/Citizens Communications Company
Mr. Rody Blevins, Volunteer Energy Cooperative
Mr. John Mullen, Middle Tennessee Natural Gas
Mr. Joe Hunter, Charter Communications
Mr. Joshua Jones, Comcast (XFINITY)
Mr. Vince King, Spirit Broadband
Mr. Everett Bolin, Crab Orchard Utility District
Mr. Richard Boyd, Volfirst
Mr. Shane Beasley, Tennessee Valley Authority

Mr. Tim Martin, Fairfield Glade Community Club

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

INDEX OF SHEETS

SEE SHEET NO. 1A FOR INDEX

REV 01-15-16: REVISED DATE.

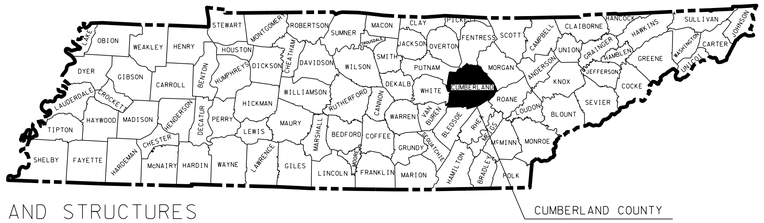
TENN.	YEAR	SHEET NO.
	2016	1
FED. AID PROJ. NO.	STP-101(16)	
STATE PROJ. NO.	18038-3240-14	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

CUMBERLAND COUNTY

SR-101 (PEAVINE ROAD)

CONST. PHASE 1 -- FROM FIRE TOWER ROAD TO NEAR LAKEVIEW DRIVE



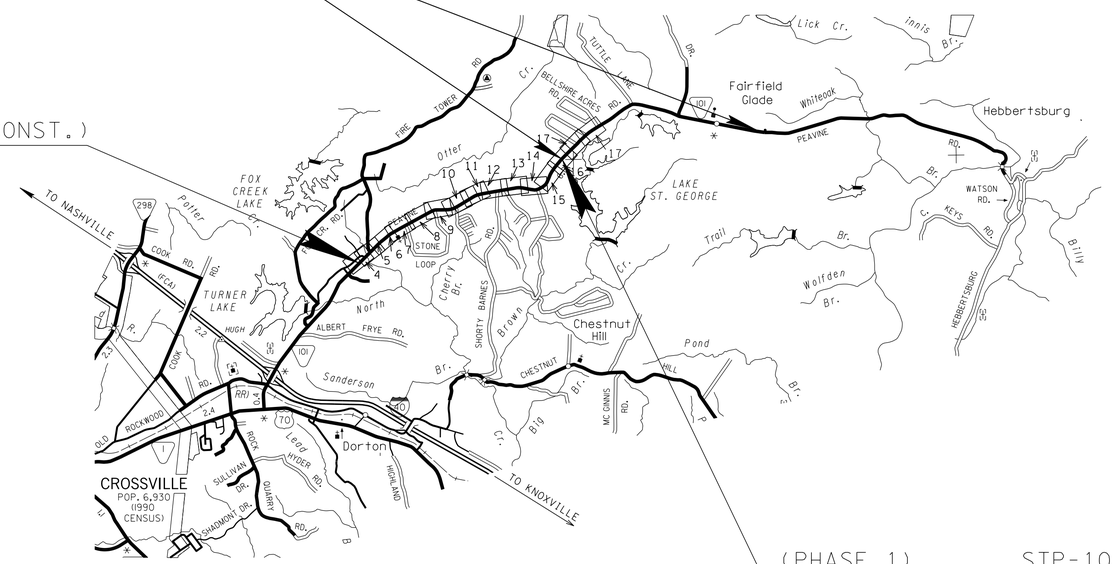
RESURFACING, GRADE, DRAIN, BASE, PAVE, GUARDRAIL, PAVEMENT MARKINGS, AND STRUCTURES

CONSTRUCTION: PHASE 1

STATE HIGHWAY NO. 101 F.A.H.S. NO. 101

(PHASE 2)(R.O.W.)
PROJECT NO. STP.101-(17)
STA. 215+00.00 TO STA. 355+10.00

(PHASE 1) STP-101(16)
BEGIN PROJECT NO. 18038-3240-14 (CONST.)
STA. 58+86.00



(PHASE 1) STP-101(16)
END PROJECT NO. 18038-3240-14 (CONST.)
STA 215+00.00

0 5000' 10000' 15000'

SCALE: 1"= 5000'

NO EXCLUSIONS	
NO EQUATIONS	

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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 MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT ROAD SP. SV. 2 ROBERT RODGERS, P.E.

DESIGNER JASON INGRAM, P.E. DESIGNER CARL PERRY/GREG TAYLOR P.E.

P.E. NO. 18038-1230-04

PIN NO. 100268.01

PHASE 1- ROADWAY LENGTH	2.957 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
PROJECT LENGTH	2.957 MILES

TRAFFIC DATA	
ADT (2013)	14,640
ADT (2033)	18,640
DHV (2033)	1,864
D	55 - 45
T (ADT)	2 %
T (DHV)	1 %
V	50 MPH

SURVEY:
07-23-09
05-27-10
05-29-11
12-07-11
02-13-12
03-27-12
07-20-12
05-08-13

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

9-MAY-2016 15:31
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

REV 02-20-15: ADDED ROW DETAILS SHT NOS. TO INDEX AND REVISED SHT NOS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	1A

REV 02-27-15: ADDED PROJECT COMMITMENTS PER ENV REQ.

REV 01-15-15: ADDED STD-15-7 PER CONST REQ.

INDEX

SHEET NAME	SHEET NO.
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ESTIMATED SIGNAL QUANTITIES	2A2
ESTIMATED UTILITIES QUANTITIES	2B
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STANDARD ROADWAY DRAWINGS

DWG. NO.	REV.	DESCRIPTION
ROADWAY DESIGN STANDARDS		
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD-L-2	09-05-01	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-5	05-01-08	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	03-30-10	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	05-24-12	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD01-TS-1	02-05-16	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD01-TS-2B	10-15-02	DESIGN STANDARDS 4 AND 6 LANE COLLECTOR HIGHWAYS WITH FLUSH MEDIANS
RD01-TS-3	10-15-02	DESIGN STANDARD FOR 2-LANE ARTERIAL HIGHWAYS
RD01-TS-6	01-25-16	TYPICAL CURB AND GUTTER SECTIONS WITH SHOULDER
RD01-TS-6A	07-31-13	TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDER
RD01-SE-2	10-15-02	URBAN SUPERELEVATION DETAILS
RD01-SE-3	10-15-02	RURAL SUPERELEVATION DETAILS
RD01-S-11	04-04-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD01-S-11A	10-15-02	ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD01-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD01-SD-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD01-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD01-SD-4		INTERSECTION SIGHT DISTANCE 5-LANE AND 4-LANE UNDIVIDED ROADWAYS
RD-UD-3	09-05-96	UNDERDRAIN DETAILS
RD-UD-4	01-25-16	UNDERDRAIN LATERAL DETAILS
RD-UD-6	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 1:1 & 2:1 SLOPES
RD-UD-7	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES
RD-UD-9	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES
PIPE CULVERTS AND ENDWALLS		
D-PB-1	01-02-13	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	01-29-14	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PG-3	04-15-97	FERROUS AND ALUMINUM CORRUGATED METAL PIPE
D-PO-1	05-27-01	OVAL & FLAT BASE CONCRETE CULVERT PIPE
D-PE-18A	01-06-15	18" CONCRETE ENDWALL CROSS DRAIN
D-PE-18B		18" CONCRETE ENDWALL CROSS DRAIN
D-PE-24A	01-21-16	24" CONCRETE ENDWALL CROSS DRAIN
D-PE-24B		24" CONCRETE ENDWALL CROSS DRAIN
D-PE-30A	01-21-16	30" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-30B		30" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-36A	06-14-13	36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-36B		36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-SEW-1A	06-14-13	SIDE DRAIN CONCRETE ENDWALL WITH STEEL PIPE GRATE
CATCH BASINS AND MANHOLES		
D-CB-12LP	08-01-12	LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 12LP CATCH BASIN
D-CB-12P	03-11-14	STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN
D-CB-12RA	03-11-14	STANDARD PRECAST 48" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
D-CB-12RB	03-11-14	STANDARD PRECAST 60" AND 72" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
D-CB-12RC	03-11-14	STANDARD PRECAST 84" THRU 120" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
D-CB-12S	03-11-14	STANDARD RECTANGULAR CONCRETE NO. 12 CATCH BASIN
D-CB-12SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SC	03-11-14	STANDARD 5'2" X 5'2" SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SD	03-11-14	STANDARD 7' X 7' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SE	03-11-14	STANDARD 9' X 9' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-14P	03-11-14	STANDARD PRECAST RECTANGULAR CONCRETE NO. 14 CATCH BASIN
D-CB-14RB	03-11-14	STANDARD PRECAST CIRCULAR NO. 14RB CATCH BASIN
D-CB-14S	03-11-14	STANDARD RECTANGULAR CONCRETE NO. 14 CATCH BASIN
D-CB-14SE	03-11-14	STANDARD 9' X 9' SQUARE CONCRETE NO. 14 CATCH BASIN
D-CB-38RB	03-11-14	STANDARD PRECAST CIRCULAR NO. 38 CATCH BASIN
D-CB-38S	08-01-12	STANDARD 32" X 32" SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-38SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-38SC	03-11-14	STANDARD 5'2" X 5'2" SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-39RB	03-11-14	STANDARD PRECAST CIRCULAR NO. 39 CATCH BASIN
D-CB-39S	08-01-12	STANDARD 4' X 4' SQUARE CONCRETE NO. 39 CATCH BASIN
D-CB-39SC	03-11-14	STANDARD 5'2" X 5'2" SQUARE CONCRETE NO. 39 CATCHBASIN
D-CB-42RB	03-11-14	STANDARD PRECAST CIRCULAR NO. 42 CATCH BASIN
D-CB-42S	08-01-12	STANDARD 32" X 32" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SC	03-11-14	STANDARD 5'2" X 5'2" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SD	03-11-14	STANDARD 7' X 7' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-43R	03-11-14	STANDARD PRECAST CIRCULAR NO. 43R CATCH BASIN
D-CB-43SB	03-11-14	STANDARD 8' X 4' RECTANGULAR CONCRETE NO. 43SB CATCH BASIN
D-CB-43SC	03-11-14	STANDARD 8' X 5'2" RECTANGULAR CONCRETE NO. 43SC CATCH BASIN
D-CBB-12A	05-27-01	TYPE "B" CAST IRON FRAME, GRATE & NONMOUNTABLE INLET DETAILS FOR NOS. 10, 12, 14, 16, AND 17 TYPE CATCH BASINS
D-CBB-12B	05-27-01	TYPE "B" CAST IRON FRAME, GRATE & 6" MOUNTABLE INLET DETAILS FOR NOS. 25, 26 AND 27 TYPE CATCH BASINS
D-CBB-12C	05-27-01	TYPE "B" CAST IRON FRAME, GRATE & 4" MOUNTABLE INLET DETAILS FOR NOS. 28 AND 29 TYPE CATCH BASINS
D-CBB-42	05-27-01	CAST IRON GRATE DETAILS FOR NOS. 42, 43 & 44 TYPE CATCH BASINS
D-MH-2	02-02-16	STANDARD MASONRY & PRECAST NO. 3 MANHOLE
D-MH-3	04-21-14	STANDARD PRECAST CIRCULAR LID DETAILS FOR NO. 3 MANHOLE
D-MH-4	04-01-14	STANDARD NO. 3 MANHOLE CASTINGS AND STEPS
D-MH-6	04-01-14	STANDARD 7' X 7' SQUARE CONCRETE NO. 3 MANHOLE

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX AND STANDARD DRAWINGS

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

ROADWAY AND PAVEMENT APPURTENANCES

RP-CS-1	09-29-10	CONCRETE SHOULDER RUMBLE STRIP DETAIL (FOR 4-LANE DIVIDED HIGHWAY)
RP-D-15	07-15-08	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-D-16	07-15-08	DETAILS OF LOWERED STANDARD CONCRETE DRIVEWAYS
RP-R-1	05-27-01	STANDARD RAMPS TO SIDE ROADS
RP-MC-2	02-28-02	STANDARD 6" SLOPING (MOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-NMC-11	02-28-02	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-H-3	01-30-15	CURB RAMP AND TRUNCATED DOME SURFACE DETAIL
RP-H-4	01-30-15	PERPENDICULAR CURB RAMP
RP-H-5	01-30-15	PARALLEL CURB RAMP
RP-H-7	01-30-15	PERPENDICULAR CURB RAMP TYPE 1
RP-H-8	02-05-16	PERPENDICULAR CURB RAMP TYPE 2
RP-H-9	01-30-15	PARALLEL CURB RAMP TYPE 3 & 4
RP-S-7	02-05-16	DETAILS FOR STANDARD CONCRETE SIDEWALKS
W-SG-1		STANDARD GRAVITY-TYPE RETAING WALLS

SAFETY DEVICES AND FENCES

S-CZ-1		CLEAR ZONE CRITERIA
S-PL-1	02-02-15	SAFETY PLAN AT ROADSIDE HAZARDS
S-PL-2		SAFETY PLAN AT SIDE ROADS OR PRIVATE DRIVES
S-PL-3		SAFETY PLAN: MINIMUM INSTALLATION AT BRIDGE ENDS
S-GR31-1	12-01-14	W-BEAM GUARDRAIL
S-GRS-2		SPECIAL CASE: GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRC-1		GUARDRAIL CONNECTION TO BRIDGE ENDS OR BARRIER WALL
S-GRT-2	11-03-14	TYPE 38 GUARDRAIL TERMINAL
S-GRT-2P		EARTH PAD FOR TYPE 38 TERMINAL
S-GRT-2R		EARTH PAD FOR TYPE 38 TERMINAL (RETROFIT)
S-GRT-3		TYPE 21 GUARDRAIL TERMINAL
S-GRT-3D		TYPE 21 GUARDRAIL TERMINAL (DETAILS)
S-GRT-3P		EARTH PAD FOR TYPE 21 TERMINAL
S-GRT-4	04-23-15	TYPE 13 GUARDRAIL TERMINAL (TRAILING END)
S-GRA-3	05-01-15	GUARDRAIL ANCHOR FOR TYPE 21, 13 AND IN-LINE TERMINALS
S-GRA-4		IN-LINE GUARDRAIL ANCHOR
S-F-1	05-24-12	HIGH VISIBILITY FENCE
S-RP-2	02-18-16	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

DESIGN – TRAFFIC CONTROL

T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-M-1	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-24-14	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	07-24-14	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-15A	01-30-15	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED ROUTES
T-PBR-1	06-30-09	INTERCONNECTED PORTABLE BARRIER RAIL
T-PBR-2	11-01-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS

EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	08-01-12	SILT FENCE
EC-STR-3C	08-01-12	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-34	08-01-12	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-6	08-01-12	ROCK CHECK DAM
EC-STR-6A	08-01-12	ENHANCED ROCK CHECK DAM
EC-STR-11	08-01-12	CULVERT PROTECTION TYPE 1
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-39	08-01-12	CURB INLET PROTECTION TYPE 1 & 2
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4
EC-STE-40		CATCH BASIN FILTER ASSEMBLY FOR CIRCULAR STRUCTURES
EC-STR-41		CATCH BASIN FILTER ASSEMBLY (TYPE 1)
EC-STR-41A		CATCH BASIN FILTER ASSEMBLY (TYPE 1) SLIPCOVER DETAILS
EC-STR-42		CATCH BASIN FILTER ASSEMBLY (TYPE 2)
EC-STR-42A		CATCH BASIN FILTER ASSEMBLY (TYPE 2) SLIPCOVER DETAILS
EC-STR-45		CATCH BASIN FILTER ASSEMBLY (TYPE 5)
EC-STR-45A		CATCH BASIN FILTER ASSEMBLY (TYPE 5) SLIPCOVER DETAILS
EC-STR-46		CATCH BASIN FILTER ASSEMBLY (TYPE 6)
EC-STR-46A		CATCH BASIN FILTER ASSEMBLY (TYPE 6) SLIPCOVER DETAILS
EC-STR-47		CATCH BASIN FILTER ASSEMBLY (TYPE 7)
EC-STR-47A		CATCH BASIN FILTER ASSEMBLY (TYPE 7) SLIPCOVER DETAILS
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)
EC-STR-31	08-01-12	TEMPORARY DIVERSION CHANNEL
EC-STR-31A	04-01-08	TEMPORARY DIVERSION CHANNEL DESIGN
EC-STR-32	08-01-12	TEMPORARY DIVERSION CULVERTS
EC-STR-33	08-01-12	SUSPENDED PIPE DIVERSION (DOWNSTREAM)
EC-STR-33A	08-01-12	SUSPENDED PIPE DIVERSION (UPSTREAM)
EC-STR-36	08-01-12	TURF REINFORCEMENT MAT FOR CHANNEL INSTALLATION

STANDARD TRAFFIC OPERATIONS DRAWINGS

DWG. NO.	REV.	DESCRIPTION
SIGNS		
T-S-7	02-12-91	HIGHWAY SHIELDS USED ON INTERSTATE AND U.S. NUMBERED ROUTES
T-S-8	07-15-91	HIGHWAY SHIELDS USED ON STATE NUMBERED ROUTES AND ARROWS
T-S-9	06-10-14	STANDARD LAYOUT - GROUND MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS - FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-11	06-06-11	DELINEATOR AND MILEPOST DETAILS
T-S-17	07-02-15	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-19-15	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
SIGNALS		
T-SG-1	11-01-11	WOOD POLE, DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-2	07-29-04	LOOP LEAD-INS CONDUIT AND PULL BOXES
T-SG-3	11-11-04	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
T-SG-4		SPAN WIRE AND MESSENGER CABLE DETAILS
T-SG-5	12-04-13	CONTROLLER CABINET DETAILS
T-SG-7	11-01-11	SIGNAL HEAD ASSEMBLIES AND PEDESTRIAN PUSH BUTTON SIGNS
T-SG-7A	11-01-11	TYPICAL SIGNAL HEAD PLACEMENT
T-SG-8	12-04-13	STRAIN POLE DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-9A	05-01-14	MISCELLANEOUS SIGNAL DETAILS
T-SG-10	06-11-14	MAST ARM POLE AND STRAIN POLES FOUNDATION DETAILS
T-SG-11	07-08-14	MAINTENANCE OF EXISTING SIGNALS DURING HIGHWAY CONSTRUCTION
T-SG-12	11-01-11	TYPICAL WIRING FOR SIGNAL HEADS AND DETECTION LOOPS

STANDARD STRUCTURE DRAWINGS

DWG. NO.	REV.	DESCRIPTION
BOX CULVERTS		
STD-15-1	11-06-08	INDEX OF DRAWINGS AND TERMINOLOGY
STD-15-2	03-28-08	GENERAL NOTES
STD-15-3	02-28-03	DESIGN SECTION LIMITS
STD-15-4	12-07-01	TYPICAL SECTION AND DETAILS
STD-15-5	02-28-03	TYPICAL ELEVATION
STD-15-6	03-28-08	CURB AND RAIL DETAILS SKEW NOT LESS THAN 45 DEG.
STD-15-7	03-02-02	STANDARD EDGE BEAM DETAILS FOR FILLS GREATER THAN 3' - 8"
STD-15-8	12-07-01	INTERIOR WALL END TREATMENTS
STD-15-9	02-28-03	TYPICAL WINGWALL DETAILS AND NOTES
STD-15-10	11-06-08	WINGWALL DIMENSIONS AND QUANTITIES
STD-15-11		WINGWALL DIMENSIONS AND QUANTITIES
STD-15-12	03-28-08	WINGWALL & SPECIAL RETAINING WALL DESIGN SECTION
STD-15-13		WINGWALL DESIGN SECTION
STD-15-14	06-01-11	BACKFILL AND DRAINAGE DETAILS
STD-15-15		BACKFILL AND DRAINAGE DETAILS
STD-15-16A		LOW FLOW CHANNEL CONSTRUCTION DETAILS FOR CULVERT INLET AND OUTLET
STD-15-19		SIDEWALK AND MISCELLANEOUS DETAILS
STD-15-20		WARPED SLOPE DETAIL
STD-15-24	12-07-01	END SECTION DETAILS
STD-15-25	11-01-10	PRECAST BOX CULVERT DETAILS
STD-15-26		PRECAST BOX CULVERT DETAILS
STD-15-27		PRECAST BOX CULVERT DETAILS
STD-15-28		PRECAST BOX CULVERT DETAILS
STD-15-29		PRECAST BOX CULVERT DETAILS
STD-15-35		BOX BRIDGE, 1 BARREL AT 6', CLEAR HTS. 3' - 6', - 60' FILL 0

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	1B

REVISED 12-15-14:REVISED STD DWG S-GRT-2 AND S-GRT-4.

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INDEX AND STANDARD DRAWINGS

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FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2016	STP-101(16)	1C
CONST	2016	STP-101(16)	1C

REV 02-27-15: ADDED PROJECT COMMITMENTS PER ENV REQ.

REV 03-08-16: ADDED PROJECT COMMITMENTS TO ROW PLANS.

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDHZ001	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	Some of the soil on Tract 4, located at 2529 Peavine Road (former C and K Market)Crossville, Cumberland County, Tennessee, that was used to backfill the tank pit excavation has concentrations of benzene and xylenes that are above TDUST residential Initial Screening Levels (ISLs), but below commercial ISLs. In order to prevent direct contact with the soil and possible exposure through contact and/or ingestion, contractors should follow their company's Health and Safety Plan regarding use of proper personal protective equipment (PPE) for work activities in this location. It is recommended that all personnel use engineered controls (rubber boots, gloves) and good hygienic practices if they must come into contact with the soil. If excess soil is generated at this location, it must not be removed from the tract without prior approval by the TDOT Hazmat Section. Contact TDOT Hazmat at 615-532-8684 for further information or to obtain a copy of the UST Closure Report.	Tract 4, located at 2529 Peavine Road (former C and K Market)

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PROJECT COMMITMENTS

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TENNESSEE D.O.T.
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FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
12.)	202-06.01	REMOVAL OF BUILDINGS (TRACT NO.1)	LS	1
12.)	202-06.05	REMOVAL OF BUILDINGS (TRACT NO.55)	LS	1
12.)	202-06.13	REMOVAL OF BUILDINGS (TRACT NO.79)	LS	1
10.)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	79884
	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	5646
	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	17703
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	1131
	203-06	WATER	M.G.	22720
	204-08	FOUNDATION FILL MATERIAL	C.Y.	30
10.)	209-05	SEDIMENT REMOVAL	C.Y.	1802
10.)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	9063
10.)	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	29704
10.)	209-08.07	ROCK CHECK DAM	EACH	44
10.)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	62
10.)	209-09.01	SANDBAGS	BAG	3
10.)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	3
10)14)	209-09.21	POLYACHLAMIDE GEL LOGS	EACH	886
10)14)	209-09.22	POLYACHLAMIDE POWDER	LB.	4898
10.)	209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	1
10.)	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	123
10.)	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	41
10.)	209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	13
10.)	209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	EACH	10
10.)	209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	1
10.)	209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	43
10.)	209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	EACH	21
10.)	209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	225
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	113502
	303-01.01	GRANULAR BACKFILL (ROADWAY)	TON	391
11.)	303-01.03	GRANULAR BACKFILL (RETAINING WALLS)	TON	25
10.)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	464
11.)	303-10.03	MINERAL AGGREGATE (SIZE 68)	TON	15
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	1902
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	21736
	307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	548
	307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	16301
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	15477
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	235
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	932
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	139
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	883
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	2289
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	9467
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	2
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	5707
11.)	604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	39
	604-02.01	CLASS A CONCRETE (BOX BRIDGES)	C.Y.	95
	604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	21644
	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	4092
	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	15040
	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	3677
	607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	592
	607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	L.F.	80
	611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	5
	611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	1
	611-07.31	18IN ENDWALL (SIDE DRAIN)	EACH	34
	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	15

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	EACH	1
	611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	1
	611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	EACH	2
	611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH	47
	611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	59
	611-14.01	CATCH BASINS, TYPE 14, 0' - 4' DEPTH	EACH	14
	611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	17
	611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	1
	611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	EACH	1
	611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	6
	611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	3
	611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	EACH	1
10.)	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	140
10.),13)	621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	220
	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	97005
	701-02.03	CONCRETE HANDICAP RAMP	S.F.	9555
16)	701-02	CONCRETE DRIVEWAY	S.F.	14910
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	1231
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1668
	705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	1
	705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	1
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	8
8.)	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	8
10.)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	5
	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	294
10.)	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	154
10.)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	862
	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	1866
	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	696
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	22886
	710-05	LATERAL UNDERDRAIN	L.F.	840
	710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	EACH	1
	710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	EACH	2
	710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	6
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	18
5.)	712-01	TRAFFIC CONTROL	LS	1
10.)	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2509
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	896
	712-06	SIGNS (CONSTRUCTION)	S.F.	746
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	10
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	4086
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	158
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	281
9.)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-16.07	END OF ROADWAY SIGN AND SUPPORT	EACH	2
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	3
7.)	716-01.21	SNWPLWBLE PVMT MRKRS (Bi-Dir)(1 Color)	EACH	423
6.)	716-01.22	SNWPLWBLE PVMT MRKRS (Mono-Dir)(1 Color)	EACH	403
	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	67
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	386
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	25
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	200

REV 11-5-2015:ADDED ITEM NOS. 705-09.07 AND 712-02.36. REVISED ITEM NOS. 705-08.51 AND 712-02.02.

REV 11-23-2015:ADDED ITEM NOS. 710-05, 710-06.11, 710-06.12, 710-06.13, AND 710-06.15. ADJUSTED FOOTNOTES NOS.

REV 11-24-2015:REVISED ITEM NOS. 604-01.01, 303-01.03, AND 303-10.03.

REV 11-25-2015:REMOVED ITEM NO. 621-03.04. ADDED ITEM NO. 621-03.03.
REV 11-30-2015:REVISED ITEM NO. 701-01.02 AND 702-03.

REV 1-15-16:REMOVED ITEM NO. 202-06.02, 202-06.03, 202-06.04, 202-06.06, 202-06.07, 202-06.08, 202-06.09, 202-06.10, 202-06.11, 202-06.12, AND 202-06.14 PER ROW REQ. REMOVED ITEM NO. 604.03.02, 701-01.02, 705-09.07,AND 712-02.36 AND ADDED 604-02.02, 604-02.03,705-04.04,701-02, AND 701-01.01 PER CONST REQ. MOVED FOOTNOTE 9 ON ITEM NO 713-13.02 TO ITEM NO 713-15 PER CONST REQ. ADDED FOOTNOTE 14 TO ITEM NOS. 209-09.21 AND 209-09.22.REVISED ITEM NO 705-02.02, 705-04.03, 701-01.01, 702-03, AND 705-04.09 PER CONST REQ.

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ESTIMATED ROADWAY QUANTITIES

SHEET 1 OF 2

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REV 1-15-16: REVISED DESCRIPTION FOR ITEM NO. 716-08.04 PER CONST REQ. MOVE FOOTNOTE 10 FROM ITEM NO 717-01 TO ITEM NO 740-10.04, MOVE FOOTNOTE 1 FROM ITEM NO 801-01 TO ITEM NO 801-01.02, MOVE FOOTNOTE 3 FROM ITEM NO 801-02 TO ITEM NO 801-03 PER CONST REQ. REVISED FOOTNOTE 13 TO "IF CONTRACTOR CHOOSES TO JACK AND BORE,COST WILL BE INCLUDED IN ITEM NO." AND ADDED FOOTNOTE 14 STATING, "THE QUANTITY OF PAM MAY INCREASE OR DECREASE BASED ON FIELD CONDITIONS." PER CONST REQ.ADDED FOOTNOTE 16 PER CONST REQ. REMOVED ITEM NO 801-01.02 AND ADDED ITEM NO 801-02.01, 801-01.07, AND 801-01.65 PER CONST REQ.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2A

REV 11-23-15: MOVED ITEM NOS FROM SHEET 2 TO 2A. ADJUSTED FOOTNOTES NOS.

REV 11-25-15: ADDED FOOTNOTE 13.

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	160
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	18
	717-01	MOBILIZATION	LS	1
10.)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	5842
10.)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	4840
	740-11.03	TEMPORARY SEDIMENT TUBE 18IN	L.F.	14248
	801-01	SEEDING (WITH MULCH)	UNIT	153
10.)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	200
10.)	801-01.65	TEMPORARY MULCH	UNIT	100
1.)	801-02.01	CROWN VETCH MIXTURE (WITHOUT MULCH)	UNIT	154
	801-02	SEEDING (WITHOUT MULCH)	UNIT	67
3.)	801-03	WATER (SEEDING & SODDING)	M.G.	2443
	801-07	SEED (SUPPLEMENTAL APPLICATION)	LB.	34
	801-07.01	CROWN VETCH SEED (SUPPLEMENTAL APPLICATION)	LB.	35
	801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	1
	802-11.02	ACER RUBRUM (RED MAPLE 2-5FT CNTNR GRWN)	EACH	7
	802-11.39	QUERCUS RUBRA (NORTHERN RED OAK 2-5FT CNTNR GRWN)	EACH	8
	802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	EACH	8
	802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	EACH	7
	802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	EACH	8
2.)	803-01	SODDING (NEW SOD)	S.Y.	25521
	805-01.02	TURF REINFORCEMENT MAT (CLASS II)	S.Y.	1859
10.)	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	4731
4.)	806-02.03	PROJECT MOWING	CYCL	6

FOOTNOTES

1.) ITEM NO.801-02.01, CROWN VETCH MIXTURE(W/O MULCH), AND DESCRIPTION SHALL BE USED ON SLOPES 3H:1V OR STEEPER AND OTHER AREAS, AS INDICATED IN THE PLANS, THAT ARE INACCESSIBLE FOR MOWING.
2.) INCLUDES 732 S.Y. FOR DITCHES.
3.) INCLUDES 188 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
4.) ITEM INCLUDES LITTER AND TRASH REMOVAL. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY BUT WILL BE INCLUDED IN THE COST OF ITEM NO.806-02.03, PROJECT MOWING, CYCL.
5.) ANY ADDITIONAL REMOVAL OF PAVEMENT MARKINGS WILL BE PAID FOR UNDER ITEM 712-01
6.) CLEAR/RED
7.) YELLOW
8.) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIRMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
9.) REMOVE SIGN FACE AND SUPPORT (NO FOOTINGS ON THESE SIGNS) ON SIGN NO'S. 1 & 2 AND APPROXIMATELY 30 EXISTING SIGNS AND SUPPORTS WITHIN THE GRADING LIMITS OF THE PROJECT AND ANY OTHER CONFLICTING SIGNING OR AS DIRECTED BY THE ENGINEER.
10.) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT AND ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
11.) QUANTITIES INCLUDED FOR RETAINING WALL. (SEE SHEET 2F FOR DETAILS)
12.) BID PRICE INCLUDES ALL SALVAGE VALUE OF MATERIAL. SEE TABULATED QUANTITIES SHEET NO. 2T FOR REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK.
13.) IF CONTRACTOR CHOOSES TO JACK AND BORE, COST WILL BE INCLUDED IN ITEM NO.
14.) THE QUANTITY OF PAM MAY INCREASE OR DECREASE BASED ON FIELD CONDITIONS.
15.) COST OF REMOVAL OF ITEM SHALL BE INCLUDED IN ITEM COST.
16.) COST TO INCLUDE ALL DRIVEWAYS IN CURB & GUTTER FROM FACE OF CURB TO BACK OF SIDEWALK.

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ESTIMATED ROADWAY QUANTITIES

SHEET 2 OF 2

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2B

REV 2-5-16: ADDED SHEET.

ESTIMATED UTILITY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	18038-3240-14 QUANTITY
773-25.26	INSTALL 35-2 SYP WOOD POLE	EACH	1
773-25.27	INSTALL 35-4 SYP WOOD POLE	EACH	1
773-25.28	INSTALL 3" SLIC SPLICE CASE	EACH	22
773-25.29	INSTALL 5" SLIC SPLICE CASE	EACH	57
773-25.30	INSTALL 7" SLIC SPLICE CASE	EACH	4
773-25.31	INSTALL 9" SLIC SPLICE CASE	EACH	4
773-25.32	INSTALL AKF25-24(.25M) COMM. CA.	L.F.	128
773-25.33	INSTALL AKF25-24(10M) COMM. CA.	L.F.	1751
773-25.34	INSTALL AKF50-24(10M) COMM. CA.	L.F.	316
773-25.35	INSTALL AKF100-24(10M) COMM. CA.	L.F.	934
773-25.36	INSTALL AKF100-24(E) COMM. CA.	L.F.	426
773-25.37	INSTALL AKF200-22(10M) COMM. CA.	L.F.	0
773-25.38	INSTALL AKF300-24(10M) COMM. CA.	L.F.	536
773-25.39	INSTALL AKF400-24(10M) COMM. CA.	L.F.	12238
773-25.40	INSTALL AKF400-26(10M) COMM. CA.	L.F.	94
773-25.41	INSTALL AKF600-24(10M) COMM. CA.	L.F.	4670
773-25.42	INSTALL AKFS104-22(10M) COMM. CA.	L.F.	0
773-25.43	INSTALL BM80 1 INCH RISER GUARD	EACH	2
773-25.44	INSTALL BM83 SERVICE GUARD	EACH	4
773-25.45	INSTALL FOSB(A)2 SNOW SHOE	EACH	22
773-25.46	INSTALL HACO(12) FIBER SPLICE CASE	EACH	1
773-25.47	INSTALL HACO(24) FIBER SPLICE CASE	EACH	1
773-25.48	INSTALL HACO(72) FIBER SPLICE CASE	EACH	4
773-25.49	INSTALL HC1 COMM. CA. SPLICING	EACH	0
773-25.50	INSTALL HO1 FIBER CA. SPLICING	EACH	96
773-25.51	INSTALL PE1-3G DOWN GUY ASSEMBLY	EACH	81
773-25.52	INSTALL PE2-3G OVHD GUY ASSEMBLY	EACH	13
773-25.53	INSTALL PF1-5A ANCHOR ASSEMBLY	EACH	1
773-25.54	INSTALL PF3-5A SCREW IN ANCHOR ASSMBLY	EACH	34
773-25.55	INSTALL PF5-3A ROCK ANCHOR ASSMBLY	EACH	36
773-25.56	INSTALL PG31-100(88) LOAD COIL	EACH	1
773-25.57	INSTALL PG32-12(88) LOAD COIL	EACH	3
773-25.58	INTALL PM11 GUY GUARD ASSEMBLY	EACH	77
773-25.59	INSTALL PM2A POLE GRND ASSMBLY	EACH	181
773-25.60	INSTALL PM52 POLE NUMBER	EACH	47
773-25.61	INSTALL PM91-25-24-20 CABLE STUB	EACH	2
773-25.62	INSTALL PM91-50-24-20 CABLE STUB	EACH	2
773-25.63	INSTALL PM91-200-24-24 CABLE STUB	EACH	2
773-25.64	INSTALL SEA2-22 AERIAL DROP	L.F.	7012
773-25.65	INSTALL SEB2-22 BURIED DROP	L.F.	422
773-25.66	INSTALL SEB5-22 BURIED DROP	L.F.	300
773-25.67	INSTALL UO12 UNDGRD FIBER CABLE	L.F.	100
773-25.68	INSTALL YFD12-SMDE(10M) FIBER CA.	L.F.	38
773-25.69	INSTALL YFD12-SMDE(E) FIBER CA.	L.F.	874
773-25.70	INSTALL YFD12-SMDE LOOP FIBER CA.	L.F.	450
773-25.71	INSTALL YFD24-SMDE(.25M) FIBER CA.	L.F.	156
773-25.72	INSTALL YFD24-SMDE LOOP FIBER CA.	L.F.	200
773-25.73	INSTALL YFD72-SMDE(10M) FIBER CA.	L.F.	15714
773-25.74	INSTALL YFD72-SMDE LOOP FIBER CA.	L.F.	1800
773-25.75	REARRANGE EXISTING BURIED CA.	EACH	3
773-25.76	REARRANGE CABLE STRAIGHT LINE POLE	EACH	4
773-25.77	REARRANGE CABLE ANGLE POLE	EACH	20
773-25.78	REARRANGE COMM. CABLE	L.F.	600
773-25.79	REARRANGE COMM. CA. SPLICING	EACH	5190
773-25.80	REARRANGE FIBER CA. SPLICING	EACH	132
773-25.81	REARRANGE COMM. SPLICE CASE	EACH	2
773-25.82	REARRANGE PM4 CABLE ARM	EACH	1

ESTIMATED UTILITY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	18038-3240-14 QUANTITY
773-25.83	REARRANGE AERIAL DROP WIRE	EACH	77
773-25.84	REARRANGE RISER GUARD	EACH	2
773-25.85	REARRANGE WIRE TERMINAL	EACH	29
773-25.86	REMOVE COMM. CABLE	L.F.	51931
773-25.87	REMOVE DISTRIBUTION WIRE	L.F.	2
773-25.88	REMOVE COMM. SPLICE CASE	EACH	1
773-25.89	REMOVE GUY ASSEMBLY	EACH	91
773-25.90	REMOVE ANCHOR ASSEMBLY	EACH	42
773-25.91	REMOVE PM4 CROSS ARM	EACH	7
773-25.92	REMOVE SYP POLE	EACH	99
773-25.93	REMOVE AERIAL DROP	EACH	152
773-25.94	REMOVE RISER GUARD	EACH	10
773-25.95	REMOVE WIRE TERMINAL	EACH	7
773-25.96	INSTALL AKFS104-24(10M) COMM. CA.	L.F.	296
773-25.97	INSTALL AKF200-24(10M) COMM. CA.	L.F.	224
773-25.98	INSTALL HC3 COMM. CA. SPLICING	EACH	4302
790-01.05	POLE 30FT CLASS 6 WOOD	EACH	1
790-02.04	POLE 35FT CLASS 5 WOOD	EACH	1
790-03.02	POLE 40FT CLASS 3 WOOD	EACH	9
790-03.03	POLE 40FT CLASS 4 WOOD	EACH	11
790-04.03	POLE 45FT CLASS 3 WOOD	EACH	3
790-05.02	POLE 50FT CLASS 2 WOOD	EACH	4
790-06.02	POLE 55FT CLASS 2 WOOD	EACH	61
790-07.01	POLE 60FT CLASS 1 WOOD	EACH	13
790-20.01	POLE 65FT CLASS 1 WOOD	EACH	3
790-22.01	SINGLE PHASE SINGLE PRIMARY SUPPORT 25KV	EACH	2
790-22.10	SINGLE PHASE SUSPENSION, ANGLE 25KV	EACH	1
790-22.11	SINGLE PHASE PRIMARY DOUBLE SUPPORT 25KV	EACH	3
790-22.12	SINGLE PHASE DEADEND MISCELLANEOUS 25KV	EACH	41
790-22.13	SINGLE PHASE DEADEND 25KV	EACH	12
790-22.16	SINGLE PHASE DOUBLE DEADEND, TANGENT 25KV	EACH	2
790-22-14	SINGLE PHASE TAP	EACH	3
790-24.08	TWO PHASE DEADEND, CROSSARM 25KV	EACH	3
790-24.10	TWO PHASE DOUBLE DEADEND, CROSSARM 25KV	EACH	1
790-26.02	THREE PHASE CROSSARM 25KV	EACH	8
790-26.03	THREE PHASE CROSSARM SINGLE LARGE CONDUCTOR 25KV	EACH	35
790-26.15	THREE PHASE CROSSARM DOUBLE 10FT LARGE CONDUCTOR	EACH	9
790-26.18	THREE PHASE SMALL ANGLE SUSPENSION BRACKET 25KV	EACH	3
790-26.20	THREE PHASE VERTICAL ANGLE LARGE CONDUCTOR 25KV	EACH	4
790-26.21	THREE PHASE VERTICAL DOUBLE DEADEND ANGLE 25KV	EACH	2
790-26.24	THREE PHASEVERTICALDEADEND LARGE CONDUCTOR 25KV	EACH	6
790-26.26	THREE PHASE CROSSARM DEADEND 25KV	EACH	6
790-26.27	THREE PHASE CROSSARM DOUBLE DEADEND 25KV	EACH	3
790-26.28	THREE PHASE DOUBLE 10FT CROSSARM DOUBLE DEADEND 25KV	EACH	1
790-30.03	SECONDARY ASSEMBLIES DEADEND	EACH	2
790-31.02	SERVICE ASSEMBLIES, POLE TYPE	EACH	62
790-31.04	SERVICE CONDUCTOR 6 ALUMINUM DUPLEX	LF	95
790-31.11	SERVICE CONDUCTOR 2 ALUMINUM TRIPLEX	LF	1321
790-31.13	SERVICE CONDUCTOR 2/0 ALUMINUM TRIPLEX	LF	96
790-31.20	SERVICE CONDUCTOR 1/0 ALUMINUM QUADRUPLEX	LF	364
790-32.01	DOWN GUY THROUGH BOLT TYPE	EACH	78
790-32.06	DOWN GUY INSULATED	EACH	52
790-32.23	GUY GUARD	EACH	133
790-33.18	ROCK ANCHOR GUY BOLT TYPE	EACH	126
790-40.02	OVERHEAD CONDUCTOR 2 7/1 ACSR SPARATE	LF	11120
790-40.03	OVERHEAD CONDUCTOR 1/0 6/1 ACSR RAVEN	LF	3052
790-40.05	OVERHEAD CONDUCTOR 3/0 6/1 ACSR PIGEON	LF	18855

ESTIMATED UTILITY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	18038-3240-14 QUANTITY
790-40.10	OH COND 336.4 26/7 ACSR LINNET	LF	306
790-40.24	OVERHEAD CONDUCTOR 795 26/7 ACSR DRAKE	LF	52223
790-43.59	SECONDARY CABLE TERMINAL POLE - UM5	EACH	4
790-46.01	SINGLE PHASE TRANSFORMER NO ADDED FUSE OR LIGHTNING ARRESTER	EACH	9
790-47.02	2-PHASE TRANSFORMER BANK POLE	EACH	
790-49.01	3 PHASE TRANSFORMER BANK	EACH	1
790-58.06	GROUP OPERATED AIR BREAK SWITCH	EACH	1
790-60.04	2 SINGLE PHASE SECTIONALIZERS OR RECLOSERS 25KV	EACH	2
790-61.01	SINGLE PHASE FUSE CUTOUT CROSSARM MOUNT 25KV	EACH	2
790-61.05	3-SINGLE PHASE SECTIONALIZERS OR RECLOSERS 25KV	EACH	1
790-61.10	THREE PHASE SECTIONALIZER OR RECLOSER WITH BYPASS SW	EACH	1
790-62.03	3 SINGLE PHASE SECTIONALIZERS OR RECLOSERS 25KV	EACH	4
790-62.08	3 SINGLE PHASE SECT OR RECL WITH BYPASS SWITCH 25KV	EACH	1
790-64.01	SECONDARY METERING SINGLE PHASE 120/240 VOLTS	EACH	2
790-64.10	SECONDARY METERING THREE PHASE 120/240VOLTS (4WIRE DELTA)	EACH	3
790-64.14	PRIMARY METERING 3Ø CLUSTER MOUNT	EACH	3
790-65.06	LIGHTNING ARRESTER POLE MOUNTED 18KV	EACH	2
790-68.01	GROUNDING ASSEMBLY GROUND ROD TYPE	EACH	91
790-68.12	LARGE BRACE	EACH	1
790-69.21	1-SINGLE PHASE RECLOSER	EACH	2
790-70.12	STREET LIGHT HIGH PRESSURE SODIUM 100 WATT	EACH	10
790-70.13	STREET LIGHT HIGH PRESSURE SODIUM 200 WATT	EACH	1
790-70.14	STREET LIGHT HIGH PRESSURE SODIUM 400 WATT	EACH	1
790-70.20	STREET LIGHT MERCURY VAPOR 200 WATT	EACH	2
790-70.21	STREET LIGHT MERCURY VAPOR 400 WATT	EACH	3
790-73.02	INSULATOR STRING	EACH	1
790-98.02	REMOVE POLES	LOT	1
790-98-01	REMOVE WIRE	LOT	1
790-98-03	REMOVE FRAMING/ASSOCIATED APPARATUS	LOT	1
791-02.01	<2IN MDPE GAS MAIN	L.F.	2425
791-02.02	2 IN MDPE GAS MAIN	L.F.	1100
791-02.03	CONNECT TO 4 IN EX P.E. MAIN	EACH	5
791-02.04	4 IN MDPE GAS MAIN	L.F.	825
791-02.05	6IN MDPE GAS MAIN	L.F.	15400
791-06.02	CONNECT TO 2 IN EX P.E. MAIN	EACH	3
791-07.03	6 IN PE GAS VALVE ASSEMBLY	EACH	3
791-08.02	3/4 IN SERVICE ASSEMBLY	EACH	43
795-03.02	2 IN PVC WATER LINE	L.F.	320
795-03.04	4 IN PVC WATER LINE	L.F.	680
795-03.05	6 IN PVC WATER LINE	L.F.	3500
795-03.06	8 IN PVC WATER LINE	L.F.	3000
795-03.07	10 IN PVC WATER LINE	L.F.	3400
795-03.08	12 IN PVC WATER LINE	L.F.	160
795-05.74	BORE/JACK 6 IN STEEL CASING PIPE-ROCK	L.F.	100
795-05.75	BORE/JACK 8 IN STEEL CASING PIPE-ROCK	L.F.	130
795-05.76	BORE/JACK 10 IN STEEL CASING PIPE-ROCK	L.F.	310
795-05.79	BORE/JACK 16 IN STEEL CASING PIPE-ROCK	L.F.	115
795-05.80	BORE/JACK 18 IN STEEL CASING PIPE-ROCK	L.F.	120
795-05.81	BORE/JACK 20 IN STEEL CASING PIPE-ROCK	L.F.	100
795-06.01	CONNECT TO 2 IN WATER LINE	EACH	2
795-06.03	CONNECT TO 4 IN WATER LINE	EACH	4
795-06.04	CONNECT TO 6 IN WATER LINE	EACH	8
795-06.05	CONNECT TO 8 IN WATER LINE	EACH	8
795-06.06	CONNECT TO 10 IN WATER LINE	EACH	12
795-06.07	CONNECT TO 12 IN WATER LINE	EACH	2
795-07.01	4 IN X 4 IN TAPPING SLEEVE AND VALVE	EACH	2
795-07.03	6 IN X 6 IN TAPPING SLEEVE AND VALVE	EACH	2

ESTIMATED UTILITY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	18038-3240-14 QUANTITY
795-07.04	8 IN X 4 IN TAPPING SLEEVE AND VALVE	EACH	2
795-07.05	8 IN X 6 IN TAPPING SLEEVE AND VALVE	EACH	1
795-07.08	10 IN X 6 IN TAPPING SLEEVE AND VALVE	EACH	1
795-08.01	2 IN GATE VALVE ASSEMBLY	EACH	1
795-08.03	4 IN GATE VALVE ASSEMBLY	EACH	1
795-08.04	6 IN GATE VALVE ASSEMBLY	EACH	5
795-08.05	8 IN GATE VALVE ASSEMBLY	EACH	7
795-08.06	10 IN GATE VALVE ASSEMBLY	EACH	3
795-08.25	Electronic Control Valve Vault w /Bypass	EACH	1
795-09.09	RELOCATE/RE-CONNECT SERVICE ASSEMBLY	EACH	56
795-09.10	SAMPLE TAP	EACH	16
795-11.04	RELOCATE FIRE HYDRANT	EACH	4
795-13.01	DI FITTINGS	LBS	1241
797-03.04	2 IN PVC FORCE MAIN	L.F.	330
797-03.06	4 IN PVC FORCE MAIN	L.F.	300
797-06.72	Bore/Jack 6 inch Steel Casing Pipe Rock	L.F.	90
797-06.74	Bore/Jack 10 inch Steel Casing Pipe Rock	L.F.	110
797-08.01	DI FITTINGS	LBS	527
797-08.02	PVC FITTINGS	LBS	5
797-09.28	4 IN AIR/VAC VALVE ASSEMBLY	EACH	1

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED UTILITIES QUANTITIES

SHEET 1 OF 1

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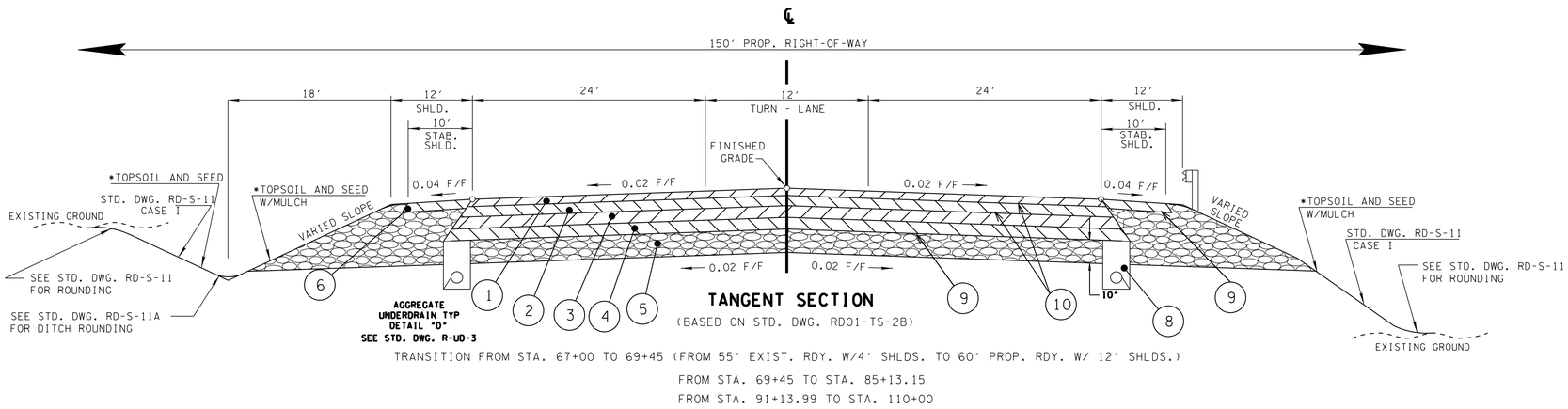
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

REV. 11-26-12- UPDATED TYPICALS.
REV. 5-22-13- UPDATED YEAR.
ADDED COLD PLANING TYPICAL.
REVISED STATIONING. UPDATE
TYPICALS. REMOVE PHASE 2.
ADDED GRADED SOLID ROCK DETAIL.

REV. 1-15-16- REVISED CROWN VETCH
ITEM NO. PER CONST REQ.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	2
CONST	2016	STP-101(16)	2D



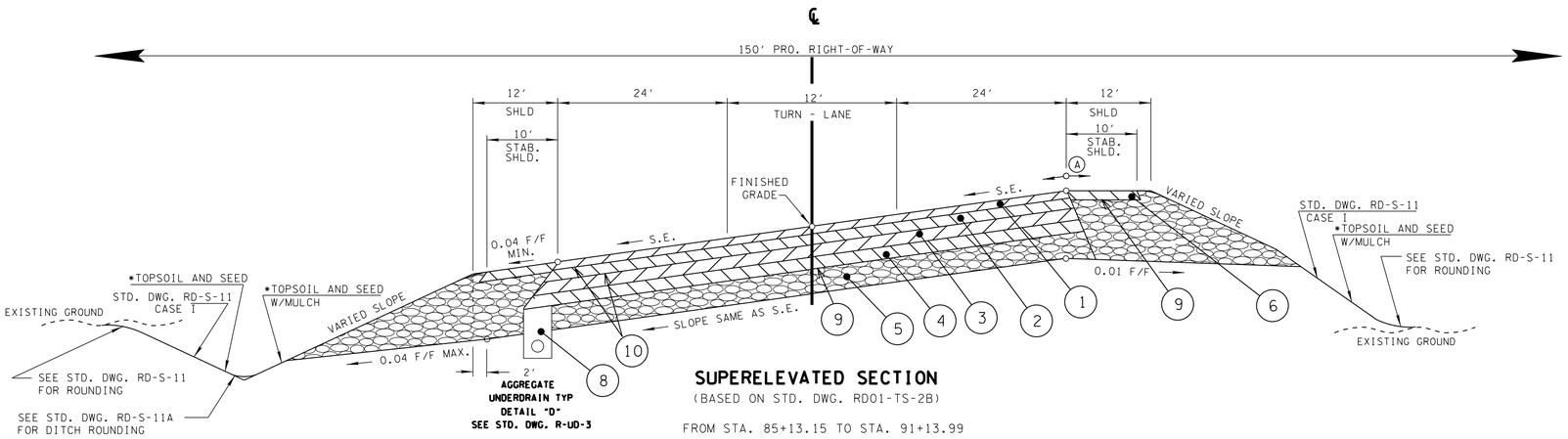
TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-2B)

TRANSITION FROM STA. 67+00 TO 69+45 (FROM 55' EXIST. RDY. W/4' SHLDS. TO 60' PROP. RDY. W/ 12' SHLDS.)

FROM STA. 69+45 TO STA. 85+13.15

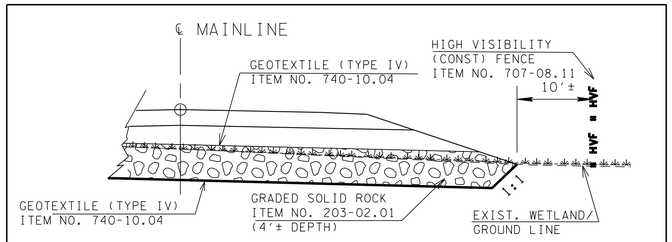
FROM STA. 91+13.99 TO STA. 110+00



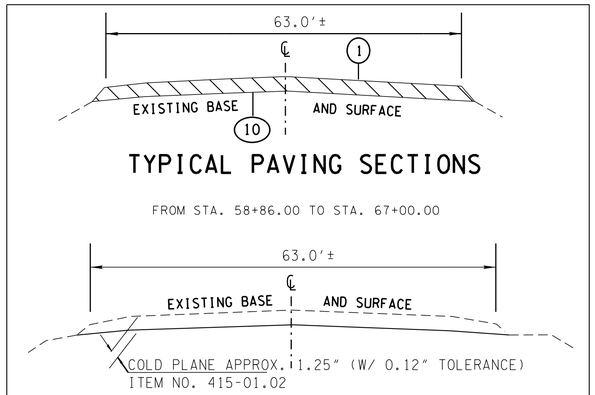
SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-2B)

FROM STA. 85+13.15 TO STA. 91+13.99



DETAIL OF GRADED SOLID ROCK PAD IN WETLAND AREAS UNDER MAINLINE



TYPICAL PAVING SECTIONS

FROM STA. 58+86.00 TO STA. 67+00.00

COLD PLANING DETAILS

FROM STA. 58+86.00 TO STA. 67+00.00

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE GRADING "D"
- 1.25" THICK (APPROX. 132.5 LBS/ SQ YD)
- 411-02.10 ACS MIX(PG70-22) GRADING D

(2) BITUMINOUS BINDER GRADING "BM-2"
- 2.00" THICK (APPROX. 226.0 LBS/ SQ YD)
- 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING BM-2

(3) BITUMINOUS BASE (HOT MIX) GRADING "A"
- 3" THICK (APPROX. 345 LBS/ SQ YD)
- 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A
- *SEE NOTE

(4) BITUMINOUS BASE (HOT MIX) GRADING "A-S"
- 3" THICK (APPROX. 270 LBS/ SQ YD)
- 307-02.02 ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S
- 307-02.03 AGGREGATE (BPMB-HM) GRADING A-S MIX

(5) MINERAL AGGREGATE BASE
- 10" THICK (APPROX. 902 LBS/SQ YD
- 303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"

(6) ASPHALTIC CONCRETE SURFACE (SHOULDER) GRADING "E"
- 1.5" THICK (APPROX. 154.5 LBS/ SQ YD)
- 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E

(8) UNDERDRAINS
- 710-02 AGGREGATE UNDERDRAIN (WITH PIPE)

(9) PRIME COAT
- 402-01 BITUMINOUS MAT. FOR PRIME COAT (PC) @ 0.3-0.35 GAL/SY
- 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB/SY

(10) TACK COAT
- 403-01 BITUMINOUS MAT. FOR TACK COAT (TC) @ 0.07 GAL/SY (GENERAL USE)
- 403-01 BITUMINOUS MAT. FOR TACK COAT (TC) @ 0.10 GAL/SY (MILLING-COLD PLANE)

(*) IF WIDENING ON HIGH SIDE OF SUPERELEVATED SECTION, SUBSTITUTE "A-S" MIX WITH "A" MIX

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

* 3:1 OR STEEPER SLOPES USE ITEM NO.801-02.01 CROWN VETCH MIXTURE (W/EROSION CONTROL BLANKET)

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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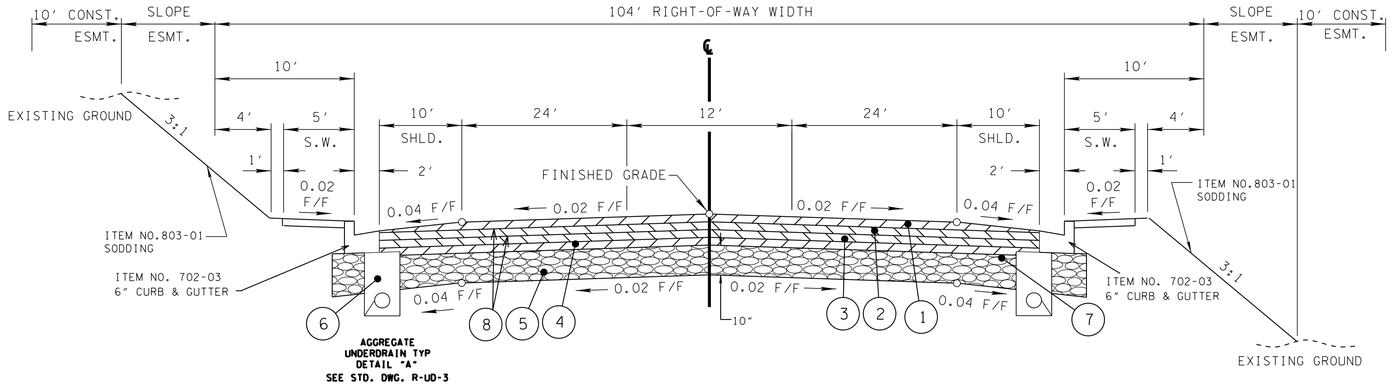
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	2A
CONST	2016	STP-101(16)	2E

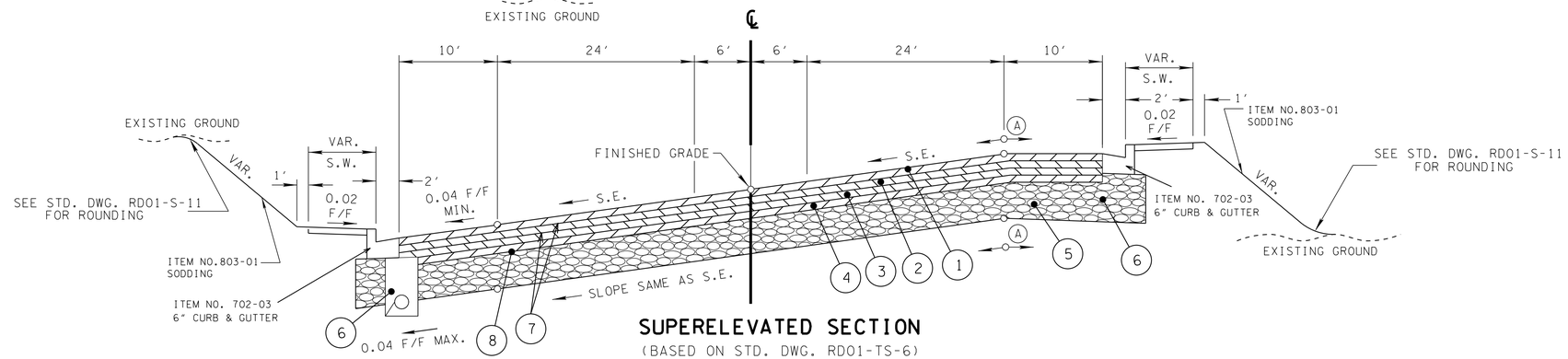
REV. 11-26-12- REVISED TYPICALS
REV. 5-22-13- UPDATED YEAR.
REMOVED TYPICALS FOR PHASE 2.
REVISED STATIONING.
ADDED TYPICAL. UPDATED TYPICAL.
REVISED STATIONS. REMOVE
PHASE 2.
REV. 07-07-14- REVISED SE TYP
SHLD DIMENSION.



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6)

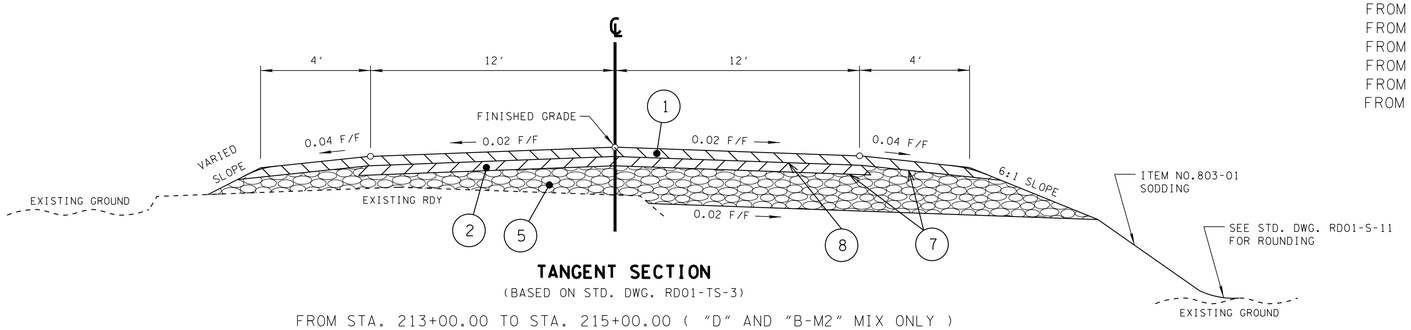
FROM STA. 110+00.00 TO STA. 115+89.66
FROM STA. 115+89.66 TO STA. 124+60.50
FROM STA. 135+47.59 TO STA. 145+67.02
FROM STA. 153+93.69 TO STA. 174+22.01
FROM STA. 182+24.79 TO STA. 184+23.92
FROM STA. 197+73.92 TO STA. 200+48.55
FROM STA. 212+55.22 TO STA. 215+00.00



SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-6)

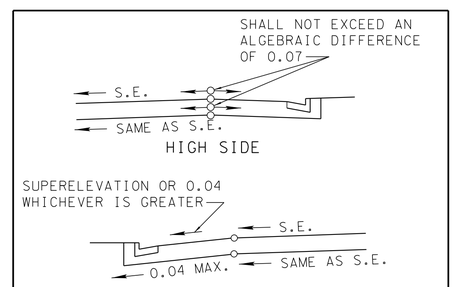
FROM STA. 115+89.66 TO STA. 124+29.33
FROM STA. 124+60.50 TO STA. 135+47.59
FROM STA. 145+67.02 TO STA. 153+93.69
FROM STA. 174+22.01 TO STA. 182+24.79
FROM STA. 184+23.92 TO STA. 197+73.92
FROM STA. 200+48.55 TO STA. 212+55.22



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-3)

FROM STA. 213+00.00 TO STA. 215+00.00 ("D" AND "B-M2" MIX ONLY)
FROM STA. 215+00.00 TO STA. 218+62.00



SUPERELEVATION DETAIL FOR SHOULDERS

(BASED ON STD. DWG. RD-TS-6)

FROM STA. 115+89.66 TO STA. 124+29.33
FROM STA. 124+60.50 TO STA. 135+47.59
FROM STA. 145+67.02 TO STA. 153+93.69
FROM STA. 174+22.01 TO STA. 182+24.79
FROM STA. 184+23.92 TO STA. 197+73.92
FROM STA. 200+48.55 TO STA. 212+55.22

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE GRADING "D" 1.25" THICK (APPROX. 132.5 LBS/ SQ YD) 411-02.10 ACS MIX(PG70-22) GRADING D	(5) MINERAL AGGREGATE BASE 10" THICK (APPROX. 902 LBS/SQ YD 303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"
(2) BITUMINOUS BINDER GRADING "BM-2" 2.00" THICK (APPROX. 226.0 LBS/ SQ YD) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING BM-2	(6) UNDERDRAINS 710-02 AGGREGATE UNDERDRAIN (WITH PIPE)
(3) BITUMINOUS BASE (HOT MIX) GRADING "A" 3" THICK (APPROX. 345 LBS/ SQ YD) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A *SEE NOTE	(7) PRIME COAT 402-01 BITUMINOUS MAT. FOR PRIME COAT (PC) @ 0.3-0.35 GAL/SY 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB/SY
(4) BITUMINOUS BASE (HOT MIX) GRADING "A-S" 3" THICK (APPROX. 270 LBS/ SQ YD) 307-02.02 ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S 307-02.03 AGGREGATE (BPMB-HM) GRADING A-S MIX	(8) TACK COAT 403-01 BITUMINOUS MAT. FOR TACK COAT (TC) @ 0.07 GAL/SY

(*) IF WIDENING ON HIGH SIDE OF SUPERELEVATED SECTION, SUBSTITUTE "A-S" MIX WITH "A" MIX

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

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TYPICAL SECTIONS

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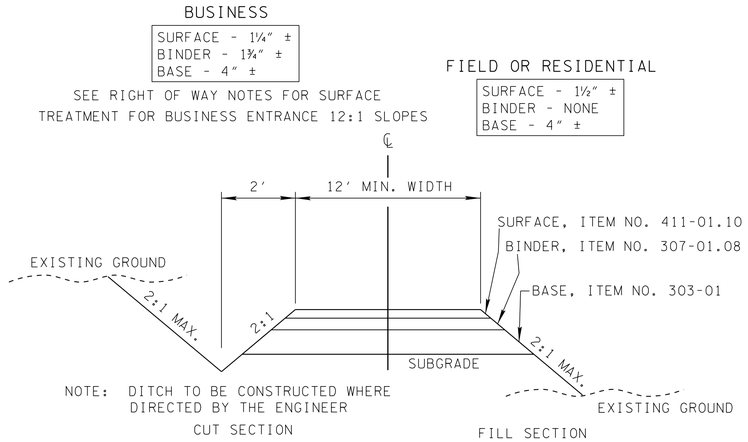
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

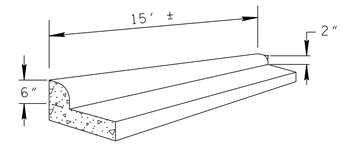
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	2B
CONST	2016	STP-101(16)	2F

REV. 11-26-12- REVISED TYPICALS.

REV. 5-22-13- UPDATE YEAR.
UPDATED TYPICALS. ADDED DETAILS.
REMOVE PHASE 2.



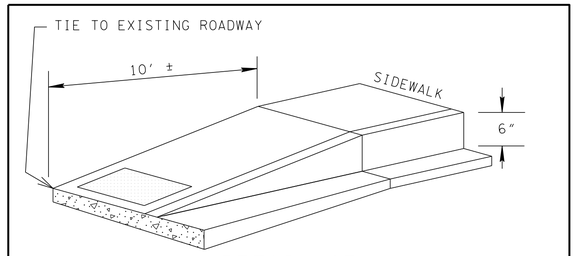
TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS,
FIELD, OR RESIDENTIAL PROPERTY



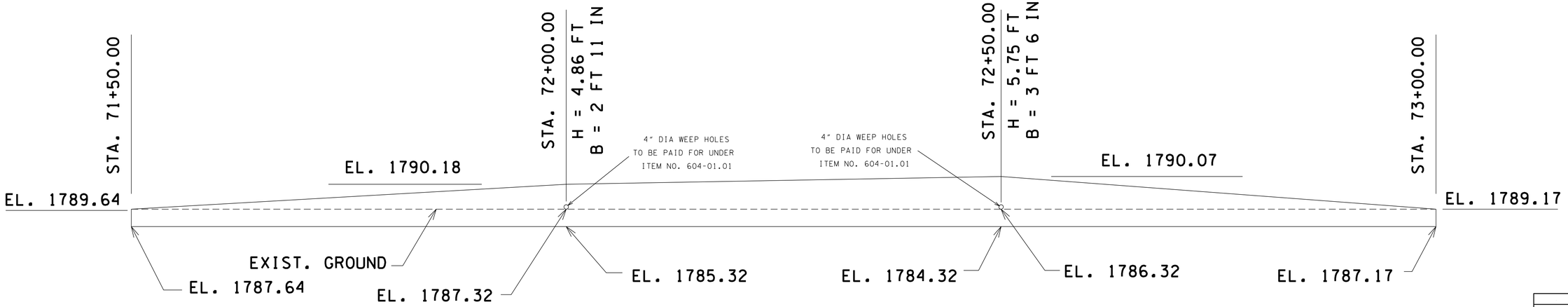
DETAIL OF CURB TAPER
AT BEGIN AND END OF
PROPOSED CURB & GUTTER
NOT TO SCALE

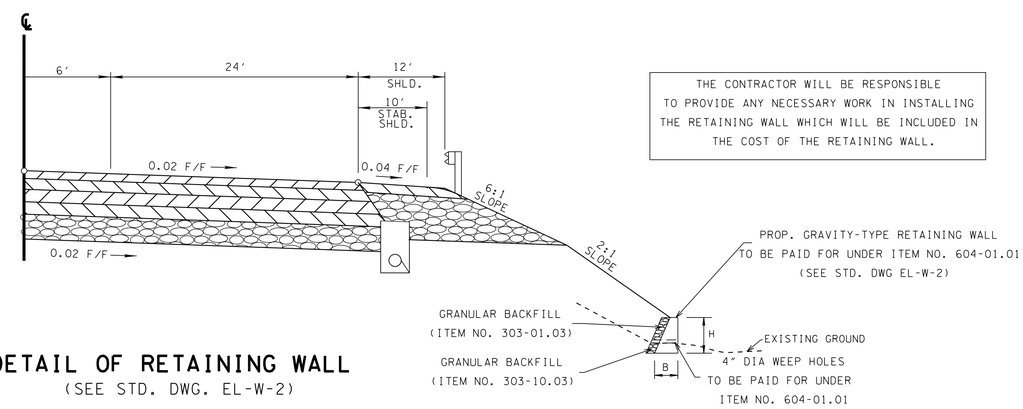
(*) IF WIDENING ON HIGH SIDE OF SUPERELEVATED SECTION, SUBSTITUTE "A-S" MIX WITH "A" MIX

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.



DETAIL OF
PROPOSED 10' TRANSITION





THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE ANY NECESSARY WORK IN INSTALLING THE RETAINING WALL WHICH WILL BE INCLUDED IN THE COST OF THE RETAINING WALL.

DETAIL OF RETAINING WALL
(SEE STD. DWG. EL-W-2)

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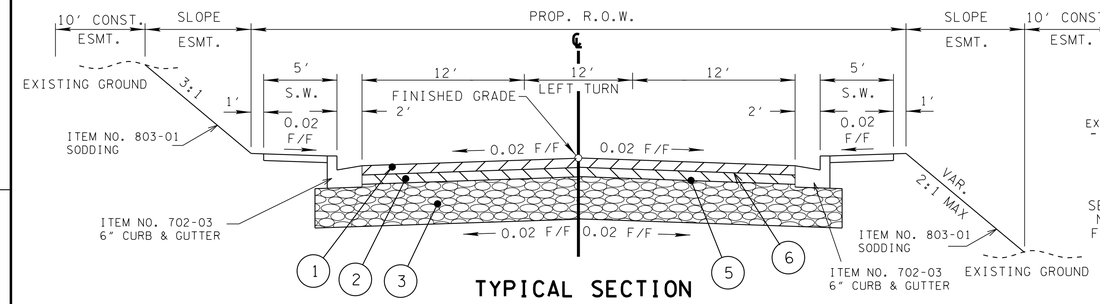
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

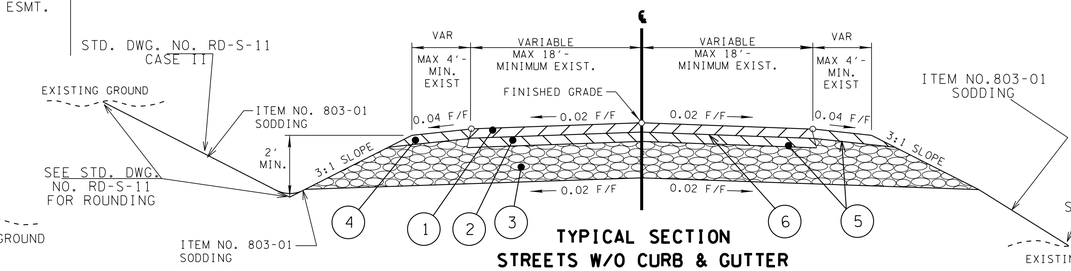
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	2C
CONST	2016	STP-101(16)	2G



TYPICAL SECTION
STREETS WITH CURB & GUTTER

(BASED ON STD. DWG. RD01-TS-6A)

STONE LOOP RD. (RT STA. 120+16.06) - STA 30+40 TO STA. 30+95
CHERRY BRANCH RD. (RT STA. 134+30.00) - STA 30+40 TO STA. 30+85
FENCE LN. (RT STA. 140+39.00) - STA 10+40 TO STA. 10+70
SHORTY BARNES RD. (RT STA. 163+10.00) - STA 30+94 TO STA. 31+50
FAIRVIEW DR. (RT STA. 169+35.00) - STA 30+47 TO STA. 30+90
FAIRVIEW ROAD (RT STA. 189+56.86) - STA 50+30 TO STA. 50+70
TOWNE CENTRE DRIVE (LT. STA. 212+57.41) - STA. 54+55 TO STA. 53+82



TYPICAL SECTION
STREETS W/O CURB & GUTTER

(BASED ON STD. DWG. RD01-TS-1)

FIRETOWER RD. (LT STA. 70+00.00) - STA 25+00 TO STA 28+83
STONE LOOP RD. (RT STA. 98+80.00) - STA 30+42 TO STA 33+10
STONE LOOP RD. (RT STA. 120+16.06) - STA 30+95 TO STA 33+10
CHERRY BRANCH RD. (RT STA. 134+30.00) - STA 30+85 TO STA 33+00
FENCE LN. (RT STA. 140+39.00) - STA 10+70 TO STA 12+65
SHORTY BARNES RD. (RT STA. 163+10.00) - STA 31+50 TO STA 33+70
FAIRVIEW DR. (RT STA. 169+35.00) - STA 30+90 TO STA 33+20
FAIRVIEW ROAD (RT STA. 189+56.86) - STA 50+70 TO STA 54+00
SPRING LAKE DR. (RT. STA. 31+45 OFF ST. GEORGE RD.) - STA 7+75 TO STA 9+82

REV 11-26-12- UPDATED TYPICAL SHEET
REV. 5-22-13- UPDATED TYPICAL SHEET

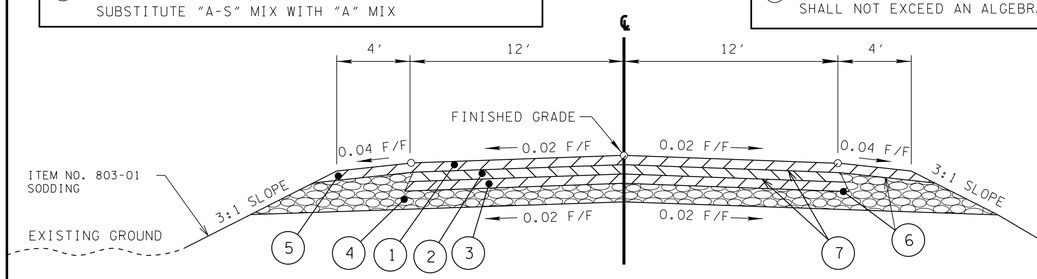
REV 05-25-16- UPDATE YEAR.
REMOVE SIDE ROADS FROM PHASE 2.
ADDED TYPICAL FOR ST GEORGE RD.
UPDATE TYPICALS.
REMOVE PHASE 2.

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE GRADING "D" 1.25" THICK (APPROX. 132.5 LBS/ SQ YD) 411-02.10 ACS MIX(PG70-22) GRADING D	(3) MINERAL AGGREGATE BASE 10" THICK (APPROX. 902 LBS/SQ YD 303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"	(5) PRIME COAT 402-01 BITUMINOUS MAT. FOR PRIME COAT (PC) @ 0.3-0.35 GAL/SY 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB/SY
(2) BITUMINOUS BINDER GRADING "BM-2" 2.00" THICK (APPROX. 226.0 LBS/ SQ YD) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING BM-2	(4) ASPHALTIC CONCRETE SURFACE (SHOULDER) GRADING "E" 1.5" THICK (APPROX. 154.5 LBS/ SQ YD) 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E	(6) TACK COAT 403-01 BITUMINOUS MAT. FOR TACK COAT (TC) @ 0.07 GAL/SY (GENERAL USE)

(*) IF WIDENING ON HIGH SIDE OF SUPERELEVATED SECTION, SUBSTITUTE "A-S" MIX WITH "A" MIX

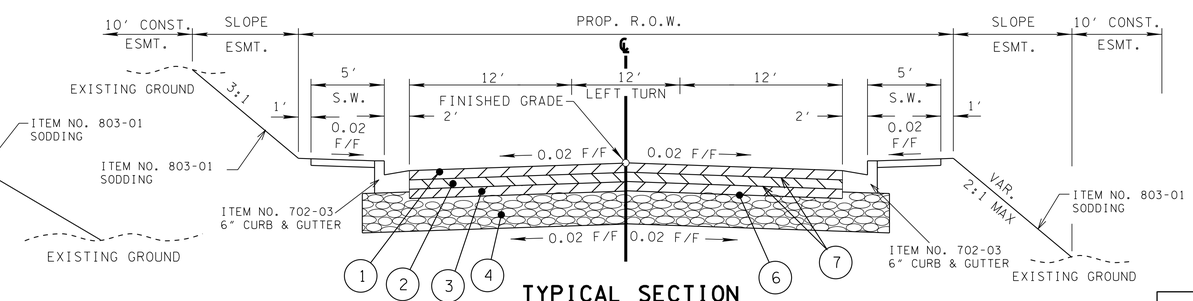
(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-1)

ST. GEORGE RD. (RT STA. 200+75.00) - STA 31+99 TO STA 34+40



TYPICAL SECTION
STREETS WITH CURB & GUTTER

(BASED ON STD. DWG. RD01-TS-6A)

ST. GEORGE RD. (RT STA. 200+75.00) - STA 30+30 TO STA. 31+99

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE GRADING "D" 1.25" THICK (APPROX. 132.5 LBS/ SQ YD) 411-02.10 ACS MIX(PG70-22) GRADING D	(4) MINERAL AGGREGATE BASE 6" THICK (APPROX. 541.2 LBS/SQ YD 303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"	(6) PRIME COAT 402-01 BITUMINOUS MAT. FOR PRIME COAT (PC) @ 0.3-0.35 GAL/SY 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB/SY
(2) BITUMINOUS BINDER GRADING "BM-2" 2.00" THICK (APPROX. 226.0 LBS/ SQ YD) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING BM-2	(5) ASPHALTIC CONCRETE SURFACE (SHOULDER) GRADING "E" 1.5" THICK (APPROX. 154.5 LBS/ SQ YD) 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E	(7) TACK COAT 403-01 BITUMINOUS MAT. FOR TACK COAT (TC) @ 0.07 GAL/SY (GENERAL USE)
(3) BITUMINOUS BASE (HOT MIX) GRADING "A" 3" THICK (APPROX. 345 LBS/ SQ YD) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A *SEE NOTE		

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2H

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

GENERAL NOTES

GRADING

(1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE 0F THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

(2) CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.

(3) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITHOUT APPROVAL BY SAME. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

SEEDING AND SODDING

(1) ALL EXISTING ROADS WITHIN THE RIGHT-OF-WAY AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, TOPSOILED AND SEEDED. SCARIFYING AND OBLITERATING THE PAVEMENT WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. TOPSOIL, IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEMS 203-04 AND/OR 203-07. SEEDING, IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM 801-01.

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

(3) ITEM NO. 801-02.01 SHALL BE USED ON SLOPES 3:1 OR STEEPER AND OTHER AREAS AS INDICATED IN THE PLANS THAT ARE INACCESSIBLE FOR MOWING.

(4) ITEM NO. 801-01, SEEDING (WITH MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.

(5) ITEM NO. 801-02, SEEDING (WITHOUT MULCH) AND EROSION CONTROL BLANKET , SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS AS WELL AS LOCATIONS DIRECTED BY THE ENGINEER.

GUARDRAIL

(1) THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.

(2) THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.

(3) IF ANY APPROACH END OF A SECTION OF GUARDRAIL OR BRIDGE RAIL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE A LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING A TEMPORARY ROUNDED END ELEMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL.

(4) GUARDRAIL IS TO BE COMPLETE IN PLACE BEFORE THE MAINLINE ROADWAY IS OPENED TO TRAFFIC.

DRAINAGE

(1) THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

(2) EXCAVATION FOR PROPOSED 6' X 4' BOX WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE (PIPE CULVERTS, STORM SEWERS, CONDUITS, ALL OTHER CULVERTS AND MINOR STRUCTURES).

(3) CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERTS OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

(4) THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS ITEM NO. 203-01 ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED).

(5) WHERE A CULVERT (PIPE, SLAB OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION, NO INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT WILL BE MADE DUE TO SUCH CHANGE.

(6) DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.

UTILITIES

(1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.

(2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

(3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

(4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.

(5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106.

MISCELLANEOUS

(1) ALL DETOUR, ACCESS, SERVICE AND FRONTAGE ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) COURSE OF BASE MATERIAL BEFORE TRAFFIC IS INTERRUPTED ON EXISTING ROADS.

(2) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.

(3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

(1) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.

REV 01-15-16:REVISED NOTE 3 UNDER SEEDING AND SODDING FOR CROWN VETCH ITEM NO. PER CONST REQ.

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GENERAL NOTES AND SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2J

GENERAL NOTES CONTINUED…

FINAL PAVEMENT MARKING IF 6" ENHANCED FLATLINE THERMOPLASTIC IS USED

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

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

(3) THE PAVEMENT MARKING ON THE LANE SHIFT FOR SR-101 ON PHASE 2 WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKINGS ON THE MAIN ROADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, LIN. MI.

(4) BEFORE OPENING THE LANE SHIFT TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. ALL EXISTING MARKINGS IN THE AREA OF THESE TRANSITIONAL MARKINGS SHALL BE OBLITERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01 TRAFFIC CONTROL, LUMP SUM.

PAVEMENT

PAVING

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

(2) THE CONTRACTOR SHALL ATTACH A DEVICE TO THE SCREED OF THE PAVER SUCH THAT MATERIAL IS CONFINED AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A CONSOLIDATED WEDGE-SHAPE PAVEMENT EDGE OF APPROXIMATELY 25 TO 30 DEGREES AS IT LEAVES THE PAVER (MEASURED FROM A LINE PARALLEL TO THE PAVEMENT SURFACE.) THE DEVICE SHALL MEET THE REQUIREMENTS THAT ARE CURRENTLY SET FORTH IN SPECIAL PROVISION 407SE.

RESURFACING

(3) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

(4) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.

(5) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVER WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED, IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVER WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVER WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVER WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVER WIDTH.

(6) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE TDOT ENGINEER.

SIGNING

(1) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUTOUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND. THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL EXTRUDED PANEL SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE, AS OUTLINED IN THE STANDARD SPECIFICATIONS. ALL SHIELDS ON GUIDE SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE AS OUTLINED IN THE STANDARD SPECIFICATIONS.

(2) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS WERE COMPUTED FROM THE CROSS-SECTIONS CONTAINED IN THE CONSTRUCTION PLANS. IN THE EVENT THE SUPPORT LENGTHS ARE 2 FEET SHORTER OR LONGER THAN SHOWN ON THE PLANS, THE ENGINEER SHALL VERIFY THE SUPPORT TYPE WITH THE ROADWAY DESIGN DIVISION, SIGNING AND MARKING SECTION, TELEPHONE NO. (615)-741-0982. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.

(3) THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.

(4) AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL CONSTRUCTION OFFICE.

(5) THE CONTRACTOR SHALL BE REQUIRED TO FURNISH LAYOUT DRAWINGS (3 SETS) OF ALL EXTRUDED PANEL SIGNS WITH SPACING OF ALL LETTERS, NUMERALS, SHIELDS, AND ARROWS. THE LAYOUT DRAWINGS SHALL BE SENT TO THE ROADWAY DESIGN DIVISION, SIGNING AND MARKING SECTION, SUITE 1300, J. K. POLK BUILDING, NASHVILLE, TN 37243-1402.

(6) ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM 713-15 AND BECOME THE PROPERTY OF THE CONTRACTOR.

(7) THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.

(8) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.

(9) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.

(10) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.

TRAFFIC CONTROL DIRECTIONAL SIGNING

(1) ON ALL ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL UTILIZE ALL EXISTING DIRECTIONAL SIGNING FOR AS LONG AS POSSIBLE. THESE EXISTING SIGNS CAN BE MOVED USING TEMPORARY SUPPORTS AS NEEDED. AS SOON AS THESE EXISTING DIRECTIONAL SIGNS COME DOWN PERMANENTLY, THE CONTRACTOR SHALL HAVE UP AT LEAST ONE NEW TEMPORARY "ADVANCE GUIDE SIGN" AND ONE NEW TEMPORARY "EXIT DIRECTIONAL SIGN" AT ALL EXIT RAMPS. THESE SIGNS ARE TO BE MAINTAINED WITHIN CLEAR VIEW OF THE PUBLIC ON THE RIGHT SIDE OF THE HIGHWAY AND SHALL BE REPLACED IF DAMAGED, DURING ALL PHASES OF CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

(2) THE SIZE OF THESE NEW TEMPORARY SIGNS WILL BE DETERMINED BY THE MESSAGE. THE MESSAGE SHALL BE THE SAME AS THE EXISTING SIGN THAT THESE NEW TEMPORARY SIGNS WILL BE REPLACING. THE LETTER SIZE SHALL BE A MINIMUM OF 8 INCH, "D" UPPER CASE LETTER. THE DIRECTIONAL ARROW WILL BE A "B" ARROW AT A 45 DEGREE ANGLE (SAME ANGLE AS THE EXISTING ARROW). THE MATERIAL SHALL BE 0.100 INCH SHEET ALUMINUM; THE COLOR SHALL BE A REFLECTIVE GREEN BACKGROUND WITH REFLECTIVE WHITE COPY.

(3) ALL WORK AND MATERIAL TO MAKE THESE NEW TEMPORARY DIRECTIONAL SIGNS ALONG WITH ADEQUATE SUPPORTS AND TO MOVE THEM AS NEEDED DURING EACH PHASE OF CONSTRUCTION WILL BE PAID FOR UNDER ITEM NO. 712-01 AS DIRECTED BY THE ENGINEER.

(4) ALL EXISTING "EMERGENCY REFERENCE MARKERS" AND "HOSPITAL SIGNS" SHALL BE MAINTAINED WITHIN FULL VIEW OF THE MOTORING PUBLIC THROUGHOUT ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING AND TEMPORARY SUPPORTS SHALL BE PAID FOR UNDER ITEM NO. 712-01.

(5) WHEN "LOGO" SIGNS ARE ON ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION.

(6) THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO THE DEPARTMENT FOR THE REIMBURSEMENT OF THE SIGN FACE IF IT IS DAMAGED. ALL WORK IN MOVING THESE "LOGO" SIGNS AND THE TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-01, AS DIRECTED BY THE ENGINEER. THE SUPPORTS FOR THE FINAL LOCATION OF THESE SIGNS WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

(7) WHEN EXISTING "TOURIST ORIENTED DIRECTIONAL SIGNS" (TODS) ARE ON NON-ACCESS CONTROLLED CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING THESE "TODS" AND TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-01, AS DIRECTED BY THE ENGINEER. NEW SUPPORTS AND SIGN FACE FOR FINAL LOCATION WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

SIGNALIZATION

(1) EQUIPMENT AND INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH TDOT STANDARD SPECIFICATIONS, SECTION 730.

(2) SALVAGEABLE EQUIPMENT SHALL BECOME THE PROPERTY OF THE CUMBERLAND COUNTY AND SHALL BE STOCKPILED AT A LOCATION DESIGNATED BY THE ENGINEER FOR PICKUP BY THE CUMBERLAND COUNTY.

(3) IF RESURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.

(4) ANY SIGNAL HEADS, WHEN VISIBLE TO DRIVERS BUT NOT OPERATIONAL, SHALL BE COMPLETELY COVERED.

(5) THE PROJECT ENGINEER SHALL NOTIFY THE LOCAL GOVERNMENTAL AGENCY RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE AT LEAST ONE DAY IN ADVANCE OF THE COLD PLANING ACTIVITY AT SIGNALIZED INTERSECTIONS WHERE DETECTOR LOOPS ARE ON THE PAVEMENT. THE MAINTAINING AGENCY WILL THEN BE RESPONSIBLE FOR DISCONNECTING THE LOOP DETECTORS AND MAKING ANY NECESSARY TIMING ADJUSTMENTS IN THE SIGNAL CONTROLLER PRIOR TO THE CONSTRUCTION.

(6) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

(1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.

(2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.

(3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.

(4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.

(5) USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SPECIAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2K

GENERAL NOTES CONTINUED…

(6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF A OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S

(7) LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE.. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

(8) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

(9) ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED AND THE VERTICAL PANELS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.

EROSION PREVENTION AND SEDIMENT CONTROL

DISTURBED AREA

(1) AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD BEFORE CONSTRUCTION ACTIVITIES BEGIN.

(2) PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED (I.E. CLEARING AND GRUBBING INITIATED) MORE THAN 15 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING ACTIVITIES UNLESS THE AREA IS MULCHED, SEEDED WITH MULCH, OR OTHER TEMPORARY COVER IS INSTALLED.

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

(4) ALL DISTURBED AREAS SHALL BE PROPERLY STABILIZED AS SOON AS PRACTICABLE. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS.

(5) CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL, AND MINIMIZE SOIL COMPACTION.

(6) NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT. OFF-SITE BORROW OR WASTE AREAS ARE TO BE INCLUDED IN THE TOTAL DISTURBED AREA IF THE BORROW OR WASTE AREA IS EXCLUSIVE TO THE PROJECT PER TDOT'S WASTE AND BORROW MANUAL.

SEDIMENT CONTROL

(7) EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS, AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

(8) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT ON ROADWAYS USED BY THE GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY 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.

(9) WATER PUMPED FROM WORK AREAS AND EXCAVATION MUST BE HELD IN SETTLING BASINS OR TREATED BY FILTRATION OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE INTO SURFACE WATERS. ALL PHYSICAL AND/OR CHEMICAL TREATMENT WILL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND FULLY DESCRIBED IN THE EPSC PLANS. WATER MUST BE HELD IN SETTLING BASINS UNTIL AT LEAST AS CLEAR AS THE RECEIVING WATERS. SETTLING BASINS SHALL NOT BE LOCATED CLOSER THAN 20 FEET FROM THE TOP BANK OF A STREAM. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED ACCORDING TO 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. DISCHARGES FROM BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. DISCHARGES MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITH THE RECEIVING STREAM.

(10) CHECK DAMS SHALL BE USED WHERE RUNOFF IS CONCENTRATED. CLEAN ROCK, BRUSH, GABION, OR SANDBAG CHECK DAMS SHALL BE PROPERLY CONSTRUCTED TO REDUCE VELOCITY AND CONTROL EROSION.

(11) FOR AN OUTFALL IN A DRAINAGE AREA OF 10 ACRES OR MORE, 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. 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.

(12) IF PERMANENT OR TEMPORARY VEGETATION IS TO BE USED AS AN EPSC MEASURE, THEN THE TIMING OF PLANTING OF VEGETATION SHALL BE SHOWN IN THE SWPPP. DELAYING PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.

(13) OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ACCESS (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED, AS NEEDED, TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.

(14) TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REPLACED AT THE END OF THE WORKDAY.

STREAM/WETLAND

(15) SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT WATER QUALITY MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG STREAM BANKS IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS IN ACCORDANCE WITH TDOT STANDARDS. THEY MUST BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.

(16) NEW CHANNEL CONSTRUCTION SHALL BE COMPLETED IN THE DRY AND STABILIZED FOR AT LEAST 72 HOURS PRIOR TO DIVERTING WATER FROM THE EXISTING AND/OR TEMPORARY CHANNEL.

(17) INSTREAM EPSC DEVICES REQUIRE THE ENVIRONMENTAL DIVISION'S PERMITS SECTION REVIEW AND MUST BE PROCESSED BY THE PERMITS SECTION TO OBTAIN TDEC, USACE, AND TVA PERMITS.

(18) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS, SHALL BE ONLY AS SHOWN ON THE PROJECT PLANS AND/OR AS SO SPECIFIED IN THE ARAP/401, SECTION 404 PERMIT(S) AND/OR TVA26(A), IF APPLICABLE. ANY ADDITIONAL PERMITS REQUIRED BY THE CONTRACTOR'S METHOD OF OPERATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, AFTER RECEIVING THE APPROVAL OF TDOT ENVIRONMENTAL DIVISION.

(19) THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING.

(20) STREAM BEDS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR CONSTRUCTION EQUIPMENT. TEMPORARY CROSSINGS MUST BE LIMITED TO ONE POINT PER STREAM AND EPSC MEASURES MUST BE USED WHERE THE STREAM BANKS ARE DISTURBED. WHERE THE STREAMBED IS NOT COMPOSED OF BEDROCK, A PAD OF CLEAN ROCK MUST BE USED AT THE CROSSING POINT AND CULVERTED TO PREVENT THE IMPOUNDMENT OF WATER FLOW. CLEAN ROCK IS ROCK OF VARIOUS TYPE AND SIZE, DEPENDING UPON APPLICATION, WHICH CONTAINS NO FINES, SOILS, OR OTHER WASTES OR CONTAMINANTS. OTHER MATERIALS USED FOR ALL TEMPORARY FILLS MUST BE COMPLETELY REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED AND THE AFFECTED AREAS RETURNED TO THEIR PREEXISTING ELEVATION. ALL TEMPORARY CROSSINGS MUST BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. EC-STR-25 UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ALTERNATIVELY, PLACING A TEMPORARY BRIDGE (BAILEY BRIDGE OR EQUIVALENT, TIMBERS, ETC.) FROM TOP OF BANK TO TOP OF BANK OR THE APPROPRIATE USE OF BARGES AT THE CROSSING TO AVOID DISTURBANCE OF THE STREAMBED IS AN ACCEPTABLE OPTION.

(21) HEAVY EQUIPMENT WORKING IN WETLANDS MUST BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT MUST BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED.

(22) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS, UNLESS PROVIDED FOR IN THE PLANS.

SPECIES

(23) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA. THE SWPPP SHALL BE MODIFIED TO INCLUDE EPSC MEASURES TO PREVENT NEGATIVE IMPACTS TO LEGALLY PROTECTED STATE OR FEDERAL FAUNA OR FLORA OR AS INDICATED IN THE ECOLOGICAL STUDIES OR ON THE PERMIT(S).

INSPECTION, MAINTENANCE, REPAIR

(24) EPSC CONTROLS WILL BE MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES.

(25) INSPECTION, REPAIR, AND MAINTENANCE OF EPSC MEASURES/STRUCTURES IS TO BE PERFORMED ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S OWN EXPENSE.

(26) SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND BE TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS AND DOES NOT MIGRATE INTO WATERS OF THE STATE/U.S. COST FOR THIS TREATMENT IS TO BE INCLUDED IN PRICE BID FOR ITEM NO. 209-05 SEDIMENT REMOVAL, C.Y.

(27) THE CONTRACTOR SHALL INSTALL A RAIN GAUGE EVERY LINEAR MILE AT ALL SITES WHERE CLEARING, GRUBBING, EXCAVATION, GRADING CUTTING OR FILLING IS BEING ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED. IF THE PROJECT LENGTH IS LESS THAN ONE LINEAR MILE, ONE RAIN GAUGE SHALL BE INSTALLED AT THE CENTER OF THE PROJECT OR AS INDICATED BY THE TDOT EPSC INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT EACH GAUGE IS MAINTAINED IN GOOD WORKING CONDITION. TDOT AND/OR THE CONTRACTOR SHALL RECORD DAILY PRECIPITATION AND FORECASTED PERCENTAGE OF PRECIPITATION IN DETAILED RECORDS OF RAINFALL EVENTS INCLUDING DATES, AMOUNTS OF RAINFALL PER GAUGE, THE ESTIMATED DURATION (OR STARTING AND ENDING TIMES), AND FORECASTED PERCENTAGE OF PRECIPITATION FOR THE PROJECT. THIS INFORMATION SHALL BE PROVIDED TO THE ENGINEER ON A MONTHLY BASIS. THE COST FOR THE RAIN GAUGES IS TO BE INCLUDED IN THE UNIT BID PRICES FOR OTHER ITEMS. RAIN GAUGES SHALL BE AS SPECIFIED IN THE APPROVED TDOT RAINFALL MONITORING PLAN.

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2L

GENERAL NOTES CONTINUED…

(28) OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO SURROUNDING WATERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.

(29) 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 TIMEFRAME, WRITTEN DOCUMENTATION MUST BE PROVIDED IN THE FIELD BOOK AND AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION.

(30) THE TDOT PROJECT SUPERVISOR (OR THEIR DESIGNEE) AND THE CONTRACTOR'S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT PROJECT SUPERVISOR OR THEIR DESIGNEE WILL COMPLETE THE INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.

MATERIALS

(31) WASTE AND BORROW AREAS SHALL BE LOCATED IN NON-WETLAND AREAS AND ABOVE THE 100-YEAR, FEDERAL EMERGENCY MANAGEMENT AGENCY FLOODPLAIN. BORROW AND WASTE DISPOSAL AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY AN ARAP, 404, OR NPDES PERMIT, OBTAINED SOLELY BY THE CONTRACTOR.

SWPPP, PERMITS, PLANS, RECORDS

(32) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS.

(33) ANY DISAGREEMENT BETWEEN THE PROJECT PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT ENGINEER. THE ENVIRONMENTAL DIVISION, ROADWAY DESIGN DIVISION, AND HEADQUARTERS CONSTRUCTION OFFICE SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.

(34) THE FOLLOWING INFORMATION SHALL BE MAINTAINED ON OR NEAR THE SITE: DATES THAT MAJOR GRADING ACTIVITIES OCCUR, DATES WHERE CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, DATES WHEN STABILIZATION MEASURES ARE INITIATED, EPSC INSPECTION RECORDS, QUALITY ASSURANCE SITE ASSESSMENT RECORDS, PRECIPITATION RECORDS, SWPPP, PROJECT ENVIRONMENTAL PERMITS, AND A COPY OF THE PROJECT EPSC INSPECTOR'S TDEC LEVEL 1 CERTIFICATION.

(35) ALL WATER QUALITY AND STORM WATER PERMITS, INCLUDING A COPY OF THE NOC WITH NPDES PERMIT TRACKING NUMBER AND THE LOCATION OF THE SWPPP, SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.

(36) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE ENVIRONMENTAL DIVISION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS OR MODIFICATIONS OF THE SWPPP ARE NEEDED. THE ROADWAY DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

(37) THE SWPPP SHALL BE UPDATED BY CONSTRUCTION WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL 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 STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY. THE ENVIRONMENTAL DIVISION SHALL BE CONTACTED WHEN MAJOR DESIGN REVISIONS ARE REQUESTED BY CONSTRUCTION. THE ENVIRONMENTAL DIVISION MAY BE CONTACTED FOR GUIDANCE ON SPECIFIC SWPPP NEEDS. A COPY OF ANY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS SHALL BE RETAINED IN THE SWPPP.

(38) THE SWPPP SHALL BE UPDATED BY CONSTRUCTION WHENEVER A CHANGE IN CHEMICAL TREATMENT METHODS IS MADE INCLUDING USE OF A DIFFERENT CHEMICAL, DIFFERENT DOSAGE OR APPLICATION RATE, OR A DIFFERENT AREA OF APPLICATION.

(39) IF A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (SILTATION AND/OR HABITAT ALTERATION) THE SWPPP SHALL BE MODIFIED OR UPDATED.

(40) PROJECT INSPECTORS AND SUPERVISORS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF EPSC PLANS SHALL SUCCESSFULLY COMPLETE THE TDEC "LEVEL 1 - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY REFRESHER COURSES AS REQUIRED TO MAINTAIN CERTIFICATION. A COPY OF CERTIFICATION RECORDS FOR THE COURSES SHALL BE KEPT ON SITE AND AVAILABLE UPON REQUEST.

LITTER, DEBRIS, WASTE, PETROLEUM

(41) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS. AFTER USE, MATERIALS USED FOR EPSC WILL BE REMOVED FROM THE SITE.

(42) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED. 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.

SPECIAL NOTES

GRADING

(1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.

(2) BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.

(3) TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.

(4) THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.

(5) EARTHWORK IS PAID FOR UNDER ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

PAVEMENT RESURFACING

(1) TRAFFIC WILL BE ALLOWED TO TEMPORARILY DRIVE ON THE MILLED SURFACE OF THE ROADWAY UNDER THE FOLLOWING CONDITIONS ONLY:

A. THE MILLED SURFACE IS FINE TEXTURED. THE FINE TEXTURE SHALL BE OBTAINED BY A MILLING MACHINE UTILIZING A MILLING HEAD WITH TEETH SPACING 3/8" OR LESS OPERATING AT LESS THAN 80 FEET PER MINUTE.

B. THE SURFACE SHALL BE SWEPT AND CLEANED OF ALL LOOSE MATERIALS.

C. THE DIFFERENCE IN ELEVATION BETWEEN THE MILLED SURFACE AND THE ADJACENT LANE SHALL NOT EXCEED 1 1/2 INCHES.

D. ALL APPLICABLE SIGNING IS INSTALLED IN ACCORDANCE WITH THE MUTCD SIGNING SHALL INCLUDE MOTORCYCLE WARNING SIGNS (TN-64) PLACED IN ADVANCE OF ANY MILLED AREAS.

E. IF RAVELING OR DETERIORATION OF THE MILLED SURFACE IS OCCURRING WHILE TRAFFIC IS DRIVING ON THE MILLED SURFACE, THEN THIS PRACTICE WILL NOT BE ALLOWED AND PAVING SHALL BE COMPLETED IMMEDIATELY AFTER MILLING.

F. ONLY ONE LANE IN EACH DIRECTION SHALL HAVE A MILLED SURFACE AT ONE TIME.

SIGNALIZATION

(1) THE DESIGN OF TRAFFIC SIGNAL SUPPORT POLES, MAST ARMS, STRAIN POLES, ETC. SHALL BE IN CONFORMANCE WITH THE *AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS,* CURRENT EDITION. OVERHEAD CANTILEVERED TRAFFIC SIGNAL STRUCTURES SHALL BE DESIGNED FOR FATIGUE CATEGORY 1.

EROSION PREVENTION AND SEDIMENT CONTROL

NPDES

(1) REFER TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN, SHEET 32, FOR NOTES REGARDING SEASONAL WORK LIMITATION OR LIMITATION ON THE TOTAL AREA OF EXPOSED SOIL.

ENVIRONMENTAL

ECOLOGY

(1) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING CONCERNING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR DESIGNATED CONSULTANT WILL NEED TO BE ON-SITE FOR WORK BEING DONE WHICH COULD AFFECT THE STREAM OR SPECIES.

(2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED BRIDGE WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS WHICH MUST BE FOLLOWED.

STREAM RELOCATION

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

SOILS

(1) SOILS ON PLATEAU ARE COMMONLY SANDY SILTS (A-2-4, A-4, ETC.), WHICH ARE THE WEATHERING PRODUCTS OF SANDSTONE AND SHALE. CUTS ON THE JOB RARELY EXCEED 5 FEET, WHEREAS FILL DEPTHS MAY BE UP TO 10 FEET DEEP. SOME CUTS MAY INCLUDE WEATHERED SANDSTONE CHARECTERIZED BY THIN BEDS LOOSELY HELD TOGETHER AND EASILY RIPPABLE. HENCE, TREAT ALL CUTS AS SOIL SLOPES.

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SPECIAL NOTES

9-MAY-2016 15:46
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2M

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

CATCH BASINS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	DEPTH (FT.)	PAY ITEMS			
								TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 14 611-14.01 0' - 4'	TYPE 14 611-14.02 4' - 8'
9B	SR101	115+93.00	42.00	CB-7	1924.06	#12	5.83		1		
9B	SR101	115+93.00	-42.00	CB-3	1924.10	#14	3.76			1	
8B	SR101	113+37.00	42.00	CB-6	1928.07	#12	3.75	1			
8B	SR101	113+37.00	-42.00	CB-2	1928.07	#12	3.75	1			
8B	SR101	110+40.00	42.00	CB-5	1933.38	#12	4.22		1		
8B	SR101	110+05.00	-42.00	CB-1	1934.01	#12	3.78	1			
9B	STONE LOOP EAST	30+75.00	26.00	CB-12	1923.23	#12	6.8		1		
9B	SR101	119+50.00	42.00	CB-11	1922.93	#12	5.43		1		
9B	STONE LOOP EAST	30+85.00	-21.00	CB-13	1922.79	#14	3.76			1	
9B	SR101	118+40.00	42.00	CB-10	1923.11	#14	4.37				1
9B	SR101	116+60.00	42.00	CB-8	1923.84	#14	3.76			1	
9B	SR101	125+35.00	42.00	CB-18	1923.22	#12	6.2		1		
9B	SR101	124+60.00	42.00	CB-16	1922.79	#14	5.23				1
9B	SR101	121+80.00	42.00	CB-15	1922.12	#14	3.76			1	
9B	SR101	120+60.00	45.00	CB-14	1922.85	#14	3.83			1	
10B	SR101	133+75.00	42.50	CB-31	1910.10	#14	3.85			1	
10B	SR101	132+50.00	42.00	CB-30	1911.85	#12	3.75	1			
10B	SR101	131+50.00	42.00	CB-130	1913.66	#12	3.75	1			
10B	SR101	130+70.00	42.00	CB-29	1915.89	#12	3.75	1			
10B	SR101	129+10.00	42.00	CB-131	1920.71	#12	3.75	1			
10B	SR101	133+80.00	-42.00	CB-28	1907.86	#12	5.61		1		
10B	SR101	133+30.00	-42.00	CB-901	1907.29	#12	4.6		1		
10B	SR101	133+00.00	-42.00	CB-27	1907.06	#14	4.27				1
10B	SR101	132+70.00	-42.00	CB-900	1907.28	#12	4.4		1		
10B	SR101	131+10.00	-42.00	CB-26	1910.35	#12	3.75	1			
10B	SR101	129+50.00	-42.00	CB-25	1915.24	#12	5.16		1		
9B	SR101	127+50.00	-42.00	CB-23	1919.56	#12	3.75	1			
9B	SR101	125+30.00	-42.00	CB-22	1922.50	#12	5.44		1		
9B	SR101	123+90.00	-42.00	CB-21	1923.51	#12	5.91		1		
9B	SR101	123+15.00	-42.00	CB-20	1924.64	#12	6.75		1		
9B	SR101	122+34.00	-42.00	CB-132	1926.07	#12	7.00		1		
9B	SR101	121+40.00	-42.00	CB-24	1927.26	#12	7.26		1		
9B	SR101	119+99.00	-42.00	CB-19	1927.85	#12	6.95		1		
9B	SR101	117+55.00	-42.00	CB-4	1926.27	#12	3.75	1			
12B	SR101	160+21.00	42.00	CB-98	1865.99	#14	5.58				1
12B	SR101	160+20.00	-42.00	CB-42	1865.99	#14	4.76				1
12B	SR101	159+90.00	42.00	CB-902	1866.04	#12	5.26		1		
12B	SR101	160+50.00	42.00	CB-903	1866.04	#12	3.76	1			
12B	SR101	159+50.00	-42.00	CB-120	1866.26	#12	4.66		1		
12B	SR101	160+40.00	-42.00	CB-258	1866.01	#12	4.12		1		
12B	SR101	159+00.00	42.00	CB-99	1866.77	#12	4.75		1		
12B	SR101	162+55.05	43.00	CB-97	1868.95	#14	3.77			1	
12B	SR101	162+45.00	-42.00	CB-43	1868.76	#12	4.12		1		
12B	SR101	156+95.00	42.00	CB-100	1871.74	#12	7.70		1		
12B	SR101	163+65.47	43.00	CB-95	1872.32	#14	4.08				1
12B	SR101	165+05.00	-42.00	CB-44	1876.31	#12	5.31		1		
12B	SR101	155+65.00	42.00	CB-101	1875.86	#12	7.20		1		
12B	SR101	164+31.00	42.00	CB-94	1874.39	#12	3.75	1			
13B	SR101	167+20.00	-42.00	CB-45	1879.08	#12	5.31		1		
12B	SR101	154+20.00	41.00	CB-102	1879.05	#12	6.03		1		
13B	SR101	167+18.00	42.00	CB-93	1879.07	#12	4.15		1		
13B	SR101	167+65.00	-42.00	CB-905	1878.89	#12	4.90		1		
11B	SR101	151+78.00	42.00	CB-103	1881.68	#12	4.54		1		
13B	SR101	167+75.00	42.00	CB-904	1878.89	#12	3.75	1			
13B	SR101	169+10.00	-42.00	CB-46	1880.22	#12	5.67		1		
11B	SR101	151+14.00	42.00	CB-104	1882.06	#14	4.26				1
13B	SR101	171+55.00	-42.00	CB-47	1886.62	#12	3.75	1			
11B	SR101	149+14.00	42.00	CB-105	1884.27	#12	4.25		1		
13B	SR101	173+50.00	-42.00	CB-48	1889.94	#12	3.75	1			
11B	SR101	147+50.00	42.00	CB-106	1886.51	#12	4.25		1		
11B	SR101	145+45.00	42.00	CB-107	1888.57	#12	4.25		1		
11B	SR101	144+47.00	42.00	CB-108	1889.33	#12	4.25		1		
11B	SR101	143+68.00	42.00	CB-109	1890.28	#12	4.25		1		
11B	SR101	142+43.00	42.00	CB-110	1892.47	#12	4.25		1		
11B	SR101	141+73.00	42.00	CB-111	1894.07	#12	4.53		1		
10B	SR101	140+84.00	42.00	CB-112	1896.48	#12	5.19		1		
TOTALS								**15**	**37**	**7**	**7**

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2N

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

CATCH BASINS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	DEPTH (FT.)	PAY ITEMS					
								TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 14 611-14.01 0' - 4'	TYPE 14 611-14.02 4' - 8'	TYPE 14 611-14.03 8' - 12'	TYPE 38 611-38.01 0' - 4'
10B	FENCE LANE	10+80.00	-24.65	CB-113	1896.60	#14	3.81			1			
10B	SR101	139+90.00	42.00	CB-114	1899.23	#14	6.18				1		
10B	SR101	139+30.00	42.00	CB-115	1900.91	#12	7.05		1				
10B	SR101	138+35.00	42.00	CB-116	1903.61	#12	4.25		1				
10B	SR101	136+50.00	42.00	CB-117	1907.29	#12	3.75	1					
10B	SR101	135+36.00	42.00	CB-118	1908.44	#12	3.75	1					
10B	SR101	134+75.00	45.00	CB-129	1909.05	#14	3.76			1			
12B	SR101	158+20.00	-42.00	CB-257	1868.16	#12	4.12		1				
12B	SR101	157+50.00	-42.00	CB-41	1869.95	#12	4.74		1				
12B	SR101	155+50.00	-42.00	CB-119	1876.25	#12	6.59		1				
11B	SR101	153+10.00	-42.00	CB-40	1881.65	#12	4.27		1				
11B	SR101	152+00.14	-42.00	CB-39	1884.51	#12	4.30		1				
11B	SR101	150+32.90	-42.00	CB-801	1887.37	#12	5.64		1				
11B	SR101	148+33.40	-42.00	CB-800	1889.32	#12	5.71		1				
11B	SR101	145+70.00	-42.00	CB-38	1888.42	#14	3.76			1			
11B	SR101	145+30.00	-42.00	CB-37	1888.67	#12	3.75	1					
11B	SR101	143+65.00	-42.00	CB-36	1890.32	#12	3.82	1					
10B	SR101	140+95.00	-42.00	CB-35	1896.17	#12	3.75	1					
10B	SR101	138+23.84	-42.00	CB-34	1903.90	#12	3.75	1					
10B	SR101	135+50.00	-42.00	CB-33	1908.25	#12	3.75	1					
13B	SR101	169+67.00	55.00	CB-92	1880.17	#14	3.76			1			
13B	SR101	170+00.00	42.00	CB-91	1882.05	#12	4.39		1				
13B	SR101	172+20.00	42.00	CB-90	1888.11	#12	3.75	1					
13B	SR101	179+85.00	-42.00	CB-50	1886.98	#14	8.68					1	
13B	SR101	179+00.00	-42.00	CB-49	1887.26	#12	3.94	1					
14B	SR101	181+08.00	-42.00	CB-51	1886.29	#14	4.27				1		
13B	SR101	179+85.26	41.00	CB-86	1883.44	#14	4.32				1		
14B	SR101	182+70.00	-42.00	CB-121	1886.95	#12	3.75	1					
14B	SR101	180+20.00	42.00	CB-907	1883.75	#12	3.76	1					
13B	SR101	179+55.00	42.00	CB-906	1883.48	#12	3.76	1					
14B	SR101	184+50.00	-42.00	CB-52	1888.97	#12	4.97		1				
14B	SR101	181+21.00	42.00	CB-85	1885.28	#12	3.75	1					
13B	SR101	179+07.53	42.00	CB-87	1883.68	#12	3.79	1					
14B	SR101	186+75.00	-42.00	CB-53	1888.94	#14	3.87			1			
14B	SR101	182+94.00	42.00	CB-84	1887.22	#12	3.75	1					
13B	SR101	178+33.00	42.00	CB-88	1884.34	#12	3.75	1					
13B	SR101	184+34.00	42.00	CB-83	1888.91	#12	3.75	1					
13B	SR101	176+83.00	42.00	CB-89	1886.69	#12	3.75	1					
15B	SR101	201+61.47	42.00	CB-72	1872.26	#12	6.44		1				
15B	SR101	200+24.64	44.00	CB-73	1874.45	#14	7.34				1		
15B	SR101	199+47.00	42.00	CB-74	1875.59	#12	3.75	1					
15B	SR101	196+90.00	42.00	CB-75	1878.40	#12	3.75	1					
15B	SR101	194+48.00	42.00	CB-76	1881.42	#12	3.75	1					
15B	SR101	193+08.00	42.00	CB-77	1882.66	#12	3.75	1					
14B	SR101	191+54.00	42.00	CB-78	1886.03	#12	3.75	1					
14B	SR101	189+85.00	53.50	CB-79	1891.20	#12	6.88		1				
14B	SR101	189+26.00	54.00	CB-80	1891.58	#12	5.56		1				
14B	SR101	189+00.00	42.00	CB-81	1892.65	#12	5.54		1				
14B	SR101	188+00.00	42.00	CB-82	1893.97	#12	3.96	1					
15B	SR101	205+41.00	42.00	CB-71	1867.05	#14	4.82				1		
15B	SR101	205+40.00	-42.00	CB-61	1868.31	#14	5.76				1		
15B	SR101	205+10.00	42.00	CB-908	1867.09	#12	3.76	1					
15B	SR101	205+70.00	42.00	CB-909	1867.11	#12	3.76	1					
15B	SR101	205+00.00	-42.00	CB-123	1868.39	#12	5.70	1					
15B	SR101	205+00.00	-55.00	CB-128	1866.58	#38	2.85						1
15B	SR101	202+30.00	-42.00	CB-60	1872.31	#12	4.17		1				
15B	SR101	199+40.00	-42.00	CB-59	1875.67	#12	6.23		1				
15B	SR101	197+40.00	-42.00	CB-122	1877.26	#12	6.64		1				
15B	SR101	195+20.00	-42.00	CB-58	1875.78	#14	4.32				1		
15B	SR101	194+55.00	-42.00	CB-57	1875.94	#12	4.25		1				
14B	SR101	192+35.00	-42.00	CB-56	1878.54	#12	3.76	1					
TOTALS								**28**	**19**	**5**	**7**	**1**	**1**

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2P

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

CATCH BASINS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	DEPTH (FT.)	PAY ITEMS TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 14 611-14.01 0' - 4'	TYPE 14 611-14.02 4' - 8'
14B	SR101	190+80.00	-42.00	CB-55	1882.71	#12	3.75	1			
14B	SR101	189+15.00	-42.00	CB-54	1886.91	#12	3.75	1			
16B	SR101	210+86.00	43.00	CB-125	1864.70	#12	7.56		1		
16B	SR101	213+18.00	43.00	CB-68	1866.70	#12	4.58		1		
16B	SR101	209+95.00	43.00	CB-69	1864.24	#14	3.72			1	
16B	SR101	210+86.00	-42.00	CB-124	1865.54	#14	7.57				1
16B	SR101	208+21.00	43.00	CB-70	1865.87	#12	3.72	1			
16B	SR101	211+94.00	-42.50	CB-64	1866.32	#14	4.27				1
16B	SR101	210+50.00	-42.00	CB-910	1865.25	#12	7.00		1		
16B	SR101	213+14.00	-42.00	CB-65	1866.39	#14	3.72			1	
16B	SR101	209+90.00	-42.00	CB-63	1865.08	#14	6.43				1
16B	SR101	207+49.00	-42.00	CB-62	1867.75	#12	3.72	1			
TOTALS								4	3	2	3

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III 607-03.02 18" (L.F.)	607-05.02 24" (L.F.)
31A	CB-7	1918.23	EW-3	1917.98	1		25
31A	CB-3	1920.34	CB-7	1918.73	1.98	81	
8C-9C	CB-6	1924.32	CB-7	1918.73	2.22	252	
8C-9C	CB-2	1924.32	CB-3	1920.34	1.59	250	
8C	CB-5	1929.16	CB-6	1924.32	1.65	293	
8C	CB-1	1930.23	CB-2	1924.32	1.8	328	
8C	EW-2	1929.39	CB-5	1929.16	0.4	55	
8C	EW-1	1930.44	CB-1	1930.23	0.4	52	
28	CB-17	1915.5	EW-4	1915.38	0.4	30	
28	CB-12	1916.43	CB-17	1915.5	3	31	
28	CB-11	1917.49	CB-12	1916.43	3	36	
9C	CB-13	1919.03	CB-12	1916.43	5.52	47	
9C	CB-10	1918.74	CB-11	1917.49	1.2	104	
9C	CB-8	1920.08	CB-10	1918.74	0.8	168	
9C	CB-18	1917.02	EW-5	1916.75	1.47	18	
9C	CB-16	1917.56	CB-18	1917.03	0.77	69	
9C	CB-15	1918.36	CB-16	1917.56	0.3	267	
9C	CB-14	1919.01	CB-15	1918.36	0.6	108	
28	CB-31	1906.26	EW-027	1903.65	10	26	
10C	CB-30	1908.1	CB-31	1906.34	1.44	122	
10C	CB-130	1909.91	CB-30	1908.1	1.83	99	
10C	CB-29	1912.14	CB-130	1909.91	2.84	78	
10C	CB-131	1916.96	CB-29	1912.14	3	161	
TOTALS						2675	25

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III 607-03.02 18" (L.F.)	607-05.02 24" (L.F.)	607-06.02 30" (L.F.)	607-07.02 36" (L.F.)
10C	CB-28	1902.25	EW-006	1902.08	0.4		42		
10C	CB-901	1902.7	CB-28	1902.25	1		45		
10C	CB-27	1902.79	CB-901	1902.7	0.4		23		
10C	CB-900	1902.89	CB-27	1902.8	0.4		23		
10C	CB-26	1906.6	CB-900	1903.53	2.03	151			
10C	CB-25	1910.08	CB-26	1906.6	2.3	151			
9C-10C	CB-23	1915.81	CB-25	1911.49	2.28	190			
9C	CB-22	1917.06	CB-23	1915.81	0.59	211			
9C	CB-21	1917.6	CB-22	1917.06	0.4	136			
9C	CB-20	1917.89	CB-21	1917.6	0.4	72			
9C	EW-14	1918.37	CB-21	1917.6	10	8			
9C	CB-368	1918.86	CB-20	1917.89	10	10			
9C	CB-132	1919.07	CB-20	1917.89	1.5	79			
9C	CB-24	1920	CB-132	1919.07	1	93			
9C	CB-346	1919.9	CB-132	1919.22	5	14			
9C	CB-19	1920.9	CB-24	1920.19	0.5	142			
9C	CB-4	1922.52	CB-19	1921.04	0.6	248			
9C	CB-367	1923.01	CB-19	1922.78	3	8			
28,31A	CB-802	1859.02	EW-021	1858.77	0.4				63
28	CB-96	1859.28	CB-802	1859.02	0.4				65
28	MH-7	1859.41	CB-96	1859.28	0.4				32
12C	MH-6	1860.37	MH-7	1859.41	0.4				241
12C	CB-98	1860.42	MH-6	1860.37	0.4				11
12C	CB-42	1861.23	CB-98	1860.92	0.4			79	
12C	CB-902	1860.78	CB-98	1860.73	0.19				25
12C	CB-903	1862.28	CB-98	1861.92	1.59	23			
12C	CB-120	1861.6	CB-42	1861.23	0.57			65	
12C	CB-258	1861.89	CB-42	1861.5	2.66		15		
12C	CB-99	1862.02	CB-902	1861.28	0.86			86	
12C	CB-97	1865.18	CB-903	1862.28	1.45	200			
12C	CB-43	1864.64	CB-258	1861.89	1.36		202		
12C	CB-100	1864.03	CB-99	1862.02	1			201	
12C	CB-95	1868.25	CB-97	1865.18	3	102			
12C	CB-44	1871	CB-43	1865.1	2.3	257			
12C	CB-101	1868.66	CB-100	1867.4	1		126		
12C	CB-94	1870.64	CB-95	1868.25	3.98	60			
12C-13C	CB-45	1873.77	CB-44	1872.56	0.57	212			
12C	CB-102	1873.02	CB-101	1871.61	1		141		
12C-13C	CB-93	1874.92	CB-94	1870.64	1.51	283			
13C	CB-905	1873.98	CB-45	1873.77	0.5	42			
TOTALS						2690	617	431	437

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III 607-03.02 18" (L.F.)	607-05.02 24" (L.F.)
11C-12C	CB-103	1877.14	CB-102	1874.79	1		235
13C	CB-904	1875.14	CB-93	1874.92	0.4	53	
13C	CB-46	1874.55	CB-905	1873.98	0.4	141	
11C	CB-104	1877.8	CB-103	1877.14	1.17		56
13C	CB-47	1882.87	CB-46	1876.45	2.66	241	
11C	CB-105	1880.02	CB-104	1877.8	1.18		188
13C	CB-48	1886.19	CB-47	1882.87	1.74	191	
11C	CB-106	1882.26	CB-105	1880.02	1.44		155
11C	CB-107	1884.32	CB-106	1882.26	1.03		199
11C	CB-108	1885.08	CB-107	1884.32	0.81		94
11C	CB-109	1886.03	CB-108	1885.08	1.26		75
11C	CB-110	1888.22	CB-109	1886.03	1.81		121
11C	CB-111	1889.54	CB-110	1888.22	2		66
10C-11C	CB-112	1891.29	CB-111	1889.54	2.06		85
28	CB-113	1892.78	CB-112	1891.79	2.5	40	
10C	CB-114	1893.05	CB-112	1891.29	2		88
28	EW-022	1895.85	CB-113	1892.78	5.79	53	
28	EW-023	1894.4	CB-114	1893.55	2.5	34	
28	CB-115	1893.86	CB-114	1893.05	1.5		54
10C	CB-370	1894.42	CB-115	1893.86	2.26		25
10C	CB-369	1898.03	CB-370	1894.42	4.12		88
10C	CB-116	1899.36	CB-369	1898.03	4.88		27
10C	CB-117	1903.54	CB-116	1899.86	2.03	181	
10C	CB-118	1904.69	CB-117	1903.54	1.05	110	
10C	CB-129	1905.29	CB-118	1904.69	1.08	55	
12C	CB-257	1864.04	EW-028	1864	0.4		12
12C	CB-41	1865.22	CB-257	1864.54	1	67	
12C	MH-5	1868.24	CB-41	1866.34	2	95	
12C	CB-119	1869.67	MH-5	1868.24	1.5	95	
11C-12C	CB-40	1877.38	CB-119	1872.63	2	238	
11C	CB-39	1880.21	CB-40	1878.04	2	109	
11C	CB-801	1881.73	CB-39	1880.88	0.5	169	
11C	CB-800	1883.61	CB-801	1882.8	0.4	202	
11C	CB-38	1884.66	CB-800	1883.61	0.4	262	
11C	CB-37	1884.92	CB-38	1884.66	0.76	34	
11C	CB-36	1886.5	CB-37	1884.92	0.98	161	
11C	MH-4	1887.7	CB-36	1886.55	1.93	60	
11C	MH-3	1889.75	MH-4	1887.7	2.2	93	
10C-11C	CB-35	1892.42	MH-3	1889.76	2.67	100	
10C	MH-2	1896.27	CB-35	1892.42	3.07	125	
10C	CB-34	1900.15	MH-2	1896.27	2.88	135	
10C	CB-33	1904.5	CB-34	1900.15	1.61	270	
13C	CB-92	1876.41	EW-020	1876.3	0.4	29	
13C	CB-91	1877.66	CB-92	1876.41	4	31	
13C	CB-90	1884.36	CB-91	1877.66	3.1	216	
TOTALS						3590	1569

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2Q

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III 607-03.02 18" (L.F.)	607-05.02 24" (L.F.)	607-06.02 30" (L.F.)
31B	CB-50	1878.31	EW-011	1878.18	0.4			33
13C	CB-49	1883.32	CB-50	1883	0.4	81		
13C-14C	CB-51	1882.02	CB-50	1881.08	0.8		117	
31B	CB-86	1879.12	CB-50	1878.81	0.4		79	
14C	CB-121	1883.2	CB-51	1882.52	0.43	157		
13C-14C	CB-907	1879.99	CB-86	1879.62	1.32	28		
13C	CB-906	1879.72	CB-86	1879.62	0.4	24		
14C	CB-85	1881.53	CB-907	1879.99	1.61	96		
13C	CB-87	1879.89	CB-906	1879.72	0.4	42		
14C	CB-52	1884	CB-121	1883.2	0.45	176		
14C	CB-84	1883.47	CB-85	1881.53	1.15	169		
13C	CB-88	1880.59	CB-87	1879.93	0.96	69		
14C	CB-53	1885.07	CB-52	1884	0.5	213		
14C	CB-83	1885.16	CB-84	1883.47	1.24	136		
13C	CB-89	1882.94	CB-88	1880.59	1.64	143		
15C	CB-72	1865.82	EW-019	1865.29	3	18		
15C	CB-73	1867.12	CB-72	1865.82	1	130		
15C	CB-74	1871.84	CB-73	1870.69	1.59	72		
15C	CB-75	1874.65	CB-74	1871.84	1.11	254		
15C	CB-76	1877.67	CB-75	1874.65	1.23	245		
15C	CB-77	1878.91	CB-76	1877.67	0.88	142		
14C	CB-78	1882.28	CB-77	1878.91	2.15	156		
14C	CB-79	1884.32	CB-78	1882.28	1.17	175		
14C	EW-018	1887.22	CB-79	1884.32	10	29		
14C	CB-80	1886.02	CB-79	1884.32	2.89	59		
14C	EW-017	1886.3	CB-80	1886.02	1	29		
14C	CB-81	1887.1	CB-80	1886.02	4	27		
14C	CB-82	1890.01	CB-81	1887.1	2.9	100		
31C	CB-71	1862.23	EW-013	1862.17	0.4			15
31C	CB-61	1862.55	CB-71	1862.23	0.4			79
15C	CB-908	1863.33	CB-71	1863.23	0.4	25		
15C	CB-909	1863.35	CB-71	1863.23	0.49	23		
15C	CB-123	1862.69	CB-61	1862.55	0.4			34
15C	CB-128	1863.73	CB-123	1863.69	0.4	10		
15C	CB-60	1868.14	CB-123	1864.14	1.49		269	
15C	CB-59	1869.44	CB-60	1868.15	0.45		289	
15C	CB-122	1870.62	CB-59	1869.44	0.6		197	
15C	CB-58	1871.46	CB-122	1870.63	0.4		208	
15C	CB-57	1871.69	CB-58	1871.47	0.4		56	
14C-15C	CB-56	1874.78	CB-57	1872.19	1.26	206		
14C	CB-55	1878.96	CB-56	1874.79	2.9	144		
14C	CB-54	1883.16	CB-55	1878.96	2.74	154		
31C	CB-125	1857.14	EW-014	1857.06	0.4		22	
16C	CB-68	1862.11	CB-125	1860.98	0.5	227		
16C	CB-69	1860.52	CB-125	1860.1	0.5	84		
31C	CB-124	1857.97	CB-125	1857.64	0.4	81		
16C	CB-70	1862.15	CB-69	1860.52	0.98	167		
16C	CB-64	1862.05	CB-124	1861.54	0.5	101		
16C	CB-910	1858.26	CB-124	1858.14	0.4	30		
16C	CB-65	1862.67	CB-64	1862.22	0.4	113		
16C	CB-63	1858.65	CB-910	1858.43	0.4	54		
16C	CB-911	1858.56	CB-910	1858.43	0.5	26		
16C	CB-62	1864.03	CB-63	1861.36	1.13	237		
16C	CB-912	1858.94	CB-63	1858.82	0.5	25		
TOTALS						**4474**	**1236**	**161**

STORM DRAINAGE ENDWALLS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	STRUCTURE TYPE	STANDARD DRAWING	CLASS B RIP-RAP 709-05.08 (TON)	18 IN. ENDWALL 3:1 611-07.54 (EA.)	18 IN. ENDWALL 6:1 611-07.56 (EA.)	18 IN. ENDWALL 6:1 611-07.31 (EA.)	24 IN. ENDWALL 3:1 611-07.57 (EA.)	24 IN. ENDWALL 4:1 611-07.58 (EA.)	30 IN. ENDWALL 3:1 611-07.60 (EA.)	30 IN. ENDWALL 4:1 611-07.61 (EA.)
8B	SR101	109+54.50	-59.89	EW-1	U	D-PE-18A, D-PE-18B			1					
8B	SR101	109+87.00	62.71	EW-2	U	D-PE-18A, D-PE-18B			1					
9B	SR101	115+76.00	62.22	EW-3	U	D-PE-24A, D-PE-24B	44	1						
9B	STONE LOOP EAST	31+42.00	28	EW-4	SD	D-SEW-1A				1				
9B	SR101	125+35.00	61.59	EW-5	U	D-PE-18A, D-PE-18B	20	1						
9B	SR101	120+00.00	-52.95	EW-10	U	D-PE-18A, D-PE-18B		1						
9B	SR101	123+14.42	-55.16	EW-13	U	D-PE-18A, D-PE-18B		1						
9B	SR101	123+90.00	-51.2	EW-14	U	D-PE-18A, D-PE-18B		1						
10B	SR101	134+20.00	-61.04	EW-006	U	D-PE-24A, D-PE-24B					1			
10B	SR101	133+82.89	68.55	EW-027	U	D-PE-18A, D-PE-18B	28	1						
10B	FENCE LANE	11+37.00	-27.38	EW-022	SD	D-SEW-1A				1				
10B	SR101	140+09.26	71.53	EW-023	SD	D-SEW-1A				1				
10B	SR101	139+27.31	53.42	EW-025	U	D-PE-18A, D-PE-18B		1						
10B	SR101	138+35.79	49.74	EW-026	U	D-PE-18A, D-PE-18B		1						
12B	SHORTY BARNES RD	32+42.00	-43.21	EW-021	U	D-PE-30A, D-PE-30B	44						1	
12B	SR101	158+20.00	-55	EW-028	U	D-PE-24A, D-PE-24B						1		
13B	FAIRVIEW DR	30+93.03	-27	EW-020	SD	D-SEW-1A				1				
14B	SR101	180+07.30	-67.31	EW-011	U	D-PE-30A, D-PE-30B								1
14B	SR101	189+31.25	83.33	EW-017	SD	D-SEW-1A				1				
14B	SR101	189+79.16	83	EW-018	SD	D-SEW-1A				1				
15B	SR101	201+69.21	57.34	EW-019	U	D-PE-18A, D-PE-18B	30	1						
15B	SR101	205+40.00	56.58	EW-013	U	D-PE-30A, D-PE-30B	42							1
16B	SR101	209+90.00	-64.68	EW-015	U	D-PE-18A, D-PE-18B		1						
16B	SR101	210+86.03	65.19	EW-014	U	D-PE-24A, D-PE-24B	28				1			
16B	SR101	210+84.72	-67.96	EW-016	U	D-PE-18A, D-PE-18B		1						
TOTALS							**236**	**11**	**2**	**6**	**2**	**1**	**1**	**2**

CROSS DRAIN TABULATION

STATION	RCP CLASS III OR CMP 10 GA. FILL HEIGHT < OR = 16 FT. 18"	24"	30"	36"	48"	SKEW	END TREATMENT INLET TYPE	INLET DRAWING NO.	OUTLET TYPE	OUTLET DRAWING NO.	CLASS A CONC. 611-07.01 (C.Y.)	REINF. STEEL 611-07.02 (LB.)
32+37.16 FAIRVIEW DR	49					90°	U	D-PE-18A, D-PE-18B	U	D-PE-18A, D-PE-18B	1.74	158
8+25 SPRING LAKE RD	43					90°	U	D-PE-18A, D-PE-18B	U	D-PE-18A, D-PE-18B	1.74	158
TOTALS	**92**	**0**	**0**	**0**	**0**						**3.48**	**316**

CROSS DRAIN ENDWALLS

LOCATION	CROSS DRAIN STATION	OFFSET (FT.)	STRUCTURE TYPE	STANDARD DRAWING	SKEW	18 IN. ENDWALL 3:1 611-07.54 (EA.)
FAIRVIEW DR	32+37.16	21.25	U	D-PE-18A,D-PE-18B	90	1
FAIRVIEW DR	32+37.16	-22.49	U	D-PE-18A,D-PE-18B	90	1
SPRING LAKE RD	8+25	18.94	U	D-PE-18A,D-PE-18B	90	1
SPRING LAKE RD	8+25	-18.72	U	D-PE-18A,D-PE-18B	90	1
TOTALS						**4**

DROP INLETS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	DEPTH (FT.)	PAY ITEMS TYPE 42 611-42.01 0' - 4'	TYPE 42 611-42.02 4' - 8'	TYPE 43 611-43.02 4' - 8'
9B	STONE LOOP EAST	31+10.00	30.00	CB-17	1919.17	#42	3.67	1		
9B	SR101	120+00.00	-52.95	CB-367	1926.72	#42	4.50		1	
9B	SR101	123+14.42	-55.16	CB-368	1923.36	#42	3.71	1		
9B	SR101	122+33.00	-57.00	CB-346	1923.62	#42	3.72	1		
10B	SR101	138+33.84	72.66	CB-369	1901.32	#42	3.29	1		
10B	SR101	139+27.32	70.18	CB-370	1898.47	#43	4.05			1
12B	SHORTY BARNES RD	32+41.94	22.18	CB-802	1865.68	#42	6.65		1	
12B	SR101	162+78.64	108.00	CB-96	1867.24	#42	7.96		1	
16B	SR101	209+90.00	-69.68	CB-912	1861.78	#42	2.84	1		
16B	SR101	210+48.28	-70.84	CB-911	1861.41	#42	2.85	1		
TOTALS								**6**	**3**	**1**

BOX CULVERT TABULATION

STATION	LOCATION	SPAN	HEIGHT	LENGTH	SKEW	DRAINAGE AREA ACRES	BOX CULVERT BOX CLASS "A" CONC. CU. YD.	BOX REINF. STEEL LBS.	APRON CLASS "A" CONC. CU. YD.	APRON STEEL BAR REINF. LBS.	DRAWING NO.	BACKFILLING ITEM 303-01.01 DWG. STD-10-1 TONS	FOUNDATION FILL MATERIAL CU. YD.
75+43.76	SR101	6	4	132	60° RT	89.82	76.56	18876	18.4	2768	STD-15-35	391.11	30.14
TOTALS							**76.56**	**18876**	**18.4**	**2768**		**391.11**	**30.14**

* CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERTS OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

MANHOLES

SHEET NO.	LOCATION	STATION	OFFSET (FT)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS	DEPTH (m)	STANDARD DRAWING	TYPE 3 611-01.02 4' - 8'	TYPE 3 611-01.03 8' - 12'
10B	SR-101	139+64.15	-44.32	MH-2	1900.38	MH#3	7 FTX 7 FT	4.11	D-MH-6	1	
12B	SR-101	142+00.00	-41.00	MH-3	1893.87	MH#3	7 FTX 7 FT	4.12	D-MH-6	1	
12B	SR-101	143+00.00	-44.36	MH-4	1891.82	MH#3	7 FTX 7 FT	4.12	D-MH-6	1	
12B	SR-101	156+50.00	-44.07	MH-5	1873.74	MH#3	7 FTX 7 FT	5.5	D-MH-6	1	
12B	SR-101	160+21.00	55.8	MH-6	1866.95	MH#3	7 FTX 7 FT	6.57	D-MH-6	1	
12B	SR-101	162+67.94	72.7	MH-7	1868.66	MH#3	7 FTX 7 FT	9.25	D-MH-6		1
TOTALS										**5**	**1**

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2R

SIDE DRAIN TABULATION

STATION	LOCATION LT	LOCATION RT	DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE OR PVC OR SRTRP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	48"	END TREATMENT TYPE	END TREATMENT DRAWING NO.	REMARKS
24+35.57	X		FIRETOWER RD	12	24					NO END TREATMENT		
76+37.03		X	SR101	12		22				NO END TREATMENT		
78+15.29	X		SR101	12					80	NO END TREATMENT		
80+84.34		X	SR101	12	22					NO END TREATMENT		
85+66.32		X	SR101	46	110					NO END TREATMENT		
87+58.46		X	SR101	16	28					NO END TREATMENT		
88+82.93		X	SR101	16	28					NO END TREATMENT		
89+61.54		X	SR101	16	28					NO END TREATMENT		
90+54.86		X	SR101	64	125					NO END TREATMENT		
92+75.29		X	SR101	24	36					NO END TREATMENT		
93+21.24	X		SR101	16	28					NO END TREATMENT		
93+79.48		X	SR101	16	28					NO END TREATMENT		
93+94.14	X		SR101	16		28				NO END TREATMENT		
94+65.95	X		SR101	20		32				NO END TREATMENT		
95+36.24		X	SR101	40	48					SD	D-SEW-1A	
95+38.61	X		SR101	16		28				NO END TREATMENT		
97+00.00	X		SR101	16	26					NO END TREATMENT		
32+62.28		X	STONE LOOP EAST	12	22					SD	D-SEW-1A	
99+05.19	X		SR101	16	28					NO END TREATMENT		
100+55.28		X	SR101	12	22					NO END TREATMENT		
103+54.84		X	SR101	30		42				NO END TREATMENT		
105+95.23		X	SR101	40		78				NO END TREATMENT		
108+17.71	X		SR101	12	22					NO END TREATMENT		
118+81.20	X		SR101	40	58					NO END TREATMENT		
120+72.22	X		SR101	16	35					NO END TREATMENT		
130+96.45		X	SR101	12	26					NO END TREATMENT		
131+63.83		X	SR101	12	25					NO END TREATMENT		
32+92.00		X	CHERRY BRANCH RD	16	28					SD	D-SEW-1A	
32+63.11	X		CHERRY BRANCH RD	12	22					SD	D-SEW-1A	
136+81.59		X	SR101	40	48					NO END TREATMENT		
138+72.70	X		SR101	12	30					NO END TREATMENT		
12+00.00		X	FENCE LANE	20	28					SD	D-SEW-1A	
12+00.00	X		FENCE LANE	30	42					SD	D-SEW-1A	
TOTALS					967	230	0	0	80			

SIDE DRAIN TABULATION

STATION	LOCATION LT	LOCATION RT	DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE OR PVC OR SRTRP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	48"	END TREATMENT TYPE	END TREATMENT DRAWING NO.	REMARKS
148+51.13	X		SR101	20	30					NO END TREATMENT		
150+52.41	X		SR101	16	33					NO END TREATMENT		
151+68.78	X		SR101	16	33					NO END TREATMENT		
161+73.81	X		SR101	12	28					NO END TREATMENT		
33+05.05	X		SHORTY BARNES RD	12	18					SD	D-SEW-1A	
31+79.85		X	FAIRVIEW DR	30	43					SD	D-SEW-1A	
170+81.65		X	SR101	12	19					NO END TREATMENT		
171+16.13		X	SR101	20	28					NO END TREATMENT		
187+40.86		X	SR101	40	58					NO END TREATMENT		
52+10.38		X	FAIRVIEW RD	20	34					SD	D-SEW-1A	
53+59.42	X		FAIRVIEW RD	12	26					SD	D-SEW-1A	
33+90.65		X	ST. GEORGE RD.	20	32					SD	D-SEW-1A	
33+90.65	X		ST. GEORGE RD.	20	32					SD	D-SEW-1A	
207+66.91	X		SR101	20	31					NO END TREATMENT		
217+98.97	X		SR101	18	42					SD	D-SEW-1A	
217+99.22		X	SR101	40	64					SD	D-SEW-1A	
TOTALS					551	0	0	0	0			

SIDE DRAIN ENDWALLS

LOCATION	DRIVE OR ENTRANCE STATION	OFFSET (FT.)	STRUCTURE TYPE	STANDARD DRAWING	SKEW	18 IN. ENDWALL 6:1 611-07.31 (EA.)
SR-101-RT	95+36.24	25.95	SD	D-SEW-1A	90	1
SR-101-RT	95+36.24	-25.61	SD	D-SEW-1A	90	1
STONE LOOP EAST-RT	32+62.28	10.53	SD	D-SEW-1A	90	1
STONE LOOP EAST-RT	32+62.28	-8.68	SD	D-SEW-1A	90	1
CHERRY BRANCH RD-LT	32+92.00	13.43	SD	D-SEW-1A	90	1
CHERRY BRANCH RD-LT	32+92.00	-12.57	SD	D-SEW-1A	90	1
CHERRY BRANCH RD-RT	32+63.11	9.67	SD	D-SEW-1A	90	1
CHERRY BRANCH RD-RT	32+63.11	6.96	SD	D-SEW-1A	90	1
FENCE LANE-LT	12+00.00	14.58	SD	D-SEW-1A	90	1
FENCE LANE-LT	12+00.00	-14.74	SD	D-SEW-1A	90	1
FENCE LANE-RT	12+00.00	21.44	SD	D-SEW-1A	90	1
FENCE LANE-RT	12+00.00	-21.09	SD	D-SEW-1A	90	1
SHORTY BARNES RD-LT	33+05.05	9.42	SD	D-SEW-1A	90	1
SHORTY BARNES RD-LT	33+05.05	-7.53	SD	D-SEW-1A	90	1
FAIRVIEW DR-RT	31+79.85	22.15	SD	D-SEW-1A	90	1
FAIRVIEW DR-RT	31+79.85	-21.82	SD	D-SEW-1A	90	1
FAIRVIEW RD-LT	52+10.38	18.18	SD	D-SEW-1A	90	1
FAIRVIEW RD-LT	52+10.38	-17.51	SD	D-SEW-1A	90	1
FAIRVIEW RD-RT	53+59.42	10.42	SD	D-SEW-1A	90	1
FAIRVIEW RD-RT	53+59.42	-14.9	SD	D-SEW-1A	90	1
ST. GEORGE RD.-LT	33+90.65	23.34	SD	D-SEW-1A	90	1
ST. GEORGE RD.-LT	33+90.65	-12.58	SD	D-SEW-1A	90	1
ST. GEORGE RD.-RT	33+90.65	15.93	SD	D-SEW-1A	90	1
ST. GEORGE RD.-RT	33+90.65	-15.85	SD	D-SEW-1A	90	1
SR101-LT	217+98.97	22.21	SD	D-SEW-1A	90	1
SR101-LT	217+98.97	-19.07	SD	D-SEW-1A	90	1
SR101-RT	217+99.22	31.65	SD	D-SEW-1A	90	1
SR101-RT	217+99.22	-31.6	SD	D-SEW-1A	90	1
TOTALS						28

PAVEMENT QUANTITIES

LOCATION	PAY ITEMS 303-01 (TON)	307-01.08 (TON)	307-02.01 (TON)	307-02.02 (TON)	307-02.03 (TON)	307-02.08 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	411-01.10 (TON)	411-01.07 (TON)	411-02.10 (TON)	415-01.01 (TONS)
SR101	96800		21502	548	16301	14146	168.0	665.9	116.2		711	8687	5707
SIDE ROADS	9113		234			1331	19.4	75.9	7.5		172	780	
DRIVEWAYS	7589	1902					48.1	190.3	15.5	2289			
TOTALS	113502	1902	21736	548	16301	15477	235.4	932.0	139.2	2289	883	9467	5707

R.O.W. MARKERS

SHEET NO.	QUANTITIES "A"	"B"	"C"	TOTALS
5A	1	9	10	20
6A		8	7	15
7A	5	7	11	23
8A		6	5	11
9A	4	3	9	16
10A	4	12	7	23
11A	4	1		5
12A		5	3	8
13A	3	4	2	9
14A	6	5	1	12
15A	5	1	5	11
16A	1			1
TOTALS	33	61	60	154

ROADSIDE DITCHES

STATION FROM	STATION TO	SIDE LT	SIDE RT	WIDTH (L.F.)	TYPE	SOD 803-01 (S.Y.)	TRM TYPE II 805-01.02 (S.Y.)	SEEDING (W/O MULCH) 801-02 (UNIT)	REMARKS
67+56	69+55	X		4	V	88			SR101
25+00	28+69		X	4	V		164	6	FIRETOWER RD
25+00	28+69	X		4	V		164	6	FIRETOWER RD
68+00	70+32		X	4	V	103			SR101
70+47	75+50	X		4	V	224			SR101
75+14	80+58		X	4	1'-T		242	9	SR101
82+50	85+21		X	4	V		120	4	SR101
93+46	98+80	X		4	V		237	9	SR101
32+00	33+10	X		4	V		49	2	STONE LOOP WEST
102+13	105+58		X	4	V		153	6	SR101
106+50	109+40	X		4	V	129			SR101
108+15	109+75		X	4	V	71			SR101
51+75	53+00		X	4	V		60	2	STONE LOOP EAST
52+25	53+00	X		4	V		38	1	STONE LOOP EAST
31+60	32+60		X	4	V		44	2	CHERRY BRANCH RD
33+50	32+75	X		4	V		60	2	CHERRY BRANCH RD
10+75	12+65		X	4	V		84	3	FENCE LANE
10+75	12+65	X		4	V		84	3	FENCE LANE
33+00	33+50		X	4	V	22			SHORTY BARNES RD
32+75	33+50	X		4	V		33	1	SHORTY BARNES RD
31+06	33+20	X		4	V	95			FAIRVIEW DR
50+96	54+00		X	4	V		133	5	FAIRVIEW RD
50+96	54+00	X		4	V		133	5	FAIRVIEW RD
34+00	34+40	X		4	V		18	1	ST GEORGE RD
33+50	34+40		X	4	V		40	1	ST GEORGE RD
7+00	8+12	X		4	V	50			SPRING LAKE DR
TOTALS						732	1859	67	

ESTIMATED GRADING QUANTITIES

STATION TO STATION	ROAD & DRAINAGE EXC. (UNCL.) C.Y.	BORROW EXCAVATION UNCL. - C.Y.	EMB. C.Y.
SR101(67+00 TO 218+62)	62153	23725	67581
SIDE ROADS	10549	-1177	7133
DRIVEWAYS	5249	-4845	
TOTALS	77950	17703	74714

SHRINK FACTOR=30% SWELL FACTOR=20%

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DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	2S

REV 01-15-16:REVISED PROPOSED GR BLOCK PER CONST REQ.

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE LT	SIDE RT	STATION FROM	STATION TO	SINGLE TYPE 2 GUARDRAIL 705-02.02 (L.F.)	TYPE 13 TERMINAL 705-04.03 (EACH)	TYPE 21 TERMINAL 705-04.04 (EACH)	TYPE 38 TERMINAL 705-04.07 (EACH)	705-04.09 (EACH)	GUARDRAIL REMOVED 706-01 (L.F.)
4B	SR101MAIN	28.83		55+07.05	56+91.40					1	
4B	SR101MAIN	29.83		56+11.11	56+61.11				1		
4B	SR101MAIN	28.83		56+61.11	62+30.08	568.97					
4B	SR101MAIN	28.83		56+61.11	62+30.08						568.97
4B	SR101MAIN		29.40	57+28.37	59+12.71					1	
4B	SR101MAIN		30.40	58+32.43	58+82.43				1		
4B	SR101MAIN		30.40	58+82.43	61+50.74						268.33
4B	SR101MAIN		30.40	58+82.43	61+50.74	268.33					
4B	SR101MAIN		26.78	61+20.46	63+04.80					1	
4B	SR101MAIN		26.78	61+50.74	62+00.74				1		
4B	SR101MAIN		26.78	61+50.74	62+00.74	50.01					
4B	SR101MAIN		26.78	61+50.74	62+00.74						50.01
4B	SR101MAIN	28.62		61+99.80	63+84.15					1	
4B	SR101MAIN	28.62		62+30.08	62+80.08				1		
4B	SR101MAIN		29.30	63+14.67	64+99.01					1	
4B	SR101MAIN		30.30	64+18.73	64+68.73				1		
4B	SR101MAIN		30.30	64+68.73	67+15.38						252.40
4B	SR101MAIN		29.30	64+68.73	67+15.38	252.40					
4B	SR101MAIN	80.65		65+53.93	66+53.02	122.34					
4B	SR101MAIN	102.31		65+41.34	65+53.93			1			
5B	SR101MAIN	33.50		66+22.74	68+07.08					1	
5B	SR101MAIN	33.50		66+53.02	67+03.02				1		
5B	SR101MAIN	33.50		65+53.93	66+53.02						122.34
5B	SR101MAIN		43.53	67+15.38	67+15.38		1				
5B	SR101MAIN		43.11	69+64.44	71+13.44					1	
5B	SR101MAIN		44.11	70+39.44	70+89.44				1		
5B	SR101MAIN		43.11	70+89.44	74+95.13	405.70					
5B	SR101MAIN		43.11	70+89.44	74+95.13						405.70
5B	SR101MAIN		43.11	74+64.85	76+49.20					1	
5B	SR101MAIN		43.11	74+95.13	75+45.13				1		
TOTALS						1667.75	1	1	8	8	1667.75

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN X IN		ITEM NO. 712-06 (S.F.)	REMARKS
2	(G20-1)	ROAD WORK NEXT 3 MILES	48	24	16	
26	(G20-2)	END ROAD WORK	48	24	208	
1	(R11-2)	ROAD CLOSED	48	30	10	
2	(W4-2R)	RIGHT LANE ENDS MERGE(SYMBOL)	48	48	32	
2	(W20-1)	ROAD WORK 1000 FT	48	48	32	
1	(W20-1)	ROAD WORK 500 FT	48	48	16	
24	(W20-1)	ROAD WORK AHEAD	48	48	384	
2	(W20-3)	ROAD WORK 1/2 MILES	48	48	32	
1	(W20-5R)	RIGHT LANE CLOSED 1/2 MILE	48	48	16	
					746	TOTAL

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

TRAFFIC CONTROL QUANTITIES

PHASE	PAY ITEMS 705-08.51 (EACH) ****	712-02.02 (L.F.) ****	712-04.02 (EACH)	712-07.03 (L.F.)
1	5	2509	266	10
2	1	170	630	0
TOTALS	5	2509	896	10

*** TO BE USED AS DIRECTED BY TDOT SUPERVISOR

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	1934
209-05	SEDIMENT REMOVAL	C.Y.	1802
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	9063
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	29704
209-08.07	ROCK CHECK DAM	EACH	44
209-08.08	ENHANCED ROCK CHECK DAM	EACH	61
209-09.01	SANDBAGS	BAG	587
209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	3
209-09.21	POLYACHLAMIDE GEL LOGS	EACH	886
209-09.22	POLYACHLAMIDE POWDER	LB.	4898
209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	1
209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	123
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	41
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	13
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	EACH	10
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	1
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	43
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	EACH	21
209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	225
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	464
621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	140
621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	220
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	294
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	862
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	1866
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	5842
740-11.03	TEMPORARY SEDIMENT TUBE 18IN (DESCRIPTION)	L.F.	14248
805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	4731

ALL QUANTITIES ARE TO BE USED AS DIRECTED BY ENGINEER.

REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK

PAY ITEM	TRACT NO.	DESCRIPTION
202-06.01	1(IOC)	*TWO BRICK DRIVEWAY ENTRANCE *STONE SUBDIVISION SIGN
202-06.05	55(IOC)	*FRAME & ROCK OFFICE
202-06.13	79(IOC)	*STONE COLUMN

NO ADDITIONAL COMPENSATION WILL BE MADE FOR THESE REMOVALS.
* Payment for the removal of improvements to be included in cost for other items of construction.

ESTIMATED TREE QUANTITIES (WTL-3)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	EACH	7
802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	EACH	7
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	EACH	7

ESTIMATED TREE QUANTITIES (STR-1)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802-11.02	ACER RUBRUM (RED MAPLE 2-5FT CNTNR GRWN)	EACH	7
802-11.39	QUERCUS RUBRA (NORTHERN RED OAK 2-5FT CNTNR GRWN)	EACH	8
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	EACH	1
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	EACH	1

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CONSTRUCTABILITY FIELD REVIEW

EROSION PREVENTION SEDIMENT CONTROL QUANTITIES

STAGE	203-01 (C.Y.) R&D EXEC	209-05 (C.Y.) SEDIMENT REMOVAL	209-08.02 (L.F.) (SFB)	209-08.03 (L.F.) (SF)	209-08.07 (EACH) (RCD)	209-08.08 (EACH) (ERCD)	209-09.01 (BAG)	209-09.03 (EACH) (FILTER BAG)	209-09.41 (EACH) CB TYPE 2	209-09.43 (EACH) CB TYPE 4	209-40.41 (L.F.) CBFA TYPE 1	209-40.42 (L.F.) CBFA TYPE 2	209-40.45 (L.F.) CBFA TYPE 5	209-40.46 (L.F.) CBFA TYPE 6	209-40.47 (L.F.) CBFA TYPE 7	209-65.03 (L.F.) TEMP DIV	303-10.01 (TON) 57 STONE	621-03.02 (L.F.) 18"TEMP PIPE	621-03.03 (L.F.) 24"TEMP PIPE	707-08.11 (L.F.) HVF	709-05.05 (TON) CLASS A-3	709-05.06 (TON) CLASS A-1	740-10.03 (S.Y.) GEOTEX TYPE 3	740-11.03 (L.F.) TUBE	805-12.02 (S.Y.) ECB
	PAY ITEMS																								
1	60	-	948	17714	7	23	-	-	-	-	-	-	-	-	-	-	4	-	-	125	272	23	484	1231	-
2	1820	1749	1785	11693	34	21	3	3	-	-	13	8	1	43	20	225	452	140	220	169	590	1798	5250	9082	-
3	54	54	6330	297	3	18	-	-	1	123	-	2	-	-	1	-	8	-	-	-	-	45	108	3935	4731
TOTALS	1934	1802	9063	29704	44	62	3	3	1	123	13	10	1	43	21	225	464	140	220	294	862	1866	5842	14248	4731

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3
CONST	2016	STP-101(16)	3

REV. 12-19-11: UPDATED UTILITY OWNER FOR FAIRFIELD GLADE (SEWER).

REV. 11-27-12: UPDATED UTILITY OWNERS.

REV. 5-22-13: UPDATE YEAR. REMOVE PHASE 2. UPDATE UTILITY OWNERS.

REV. 05-25-16: UPDATE UTILITY OWNERS. ADDED UTILITY NOTES.

RIGHT-OF-WAY

(1) IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, ROADWAY DESIGN DIVISION AND THE CIVIL ENGINEERING MANAGER 1, REGIONAL ROADWAY DESIGN OFFICE, ARE TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

(2) ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

(3) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.

(4) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.

(5) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.

(6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

(7) TRACT REMAINDERS NOT HAVING AN EXISTING DRIVEWAY WILL BE PROVIDED ONE 50-FOOT OPENING IN THE ACCESS CONTROL FENCE AND A DRIVEWAY WILL BE CONSTRUCTED UNLESS ACCESS IS PROVIDED FROM AN INTERSECTING ROAD OR BASED ON PHYSICAL CONDITIONS AND/OR CONFLICTS WITH OTHER DESIGN CONSIDERATIONS WHICH PREVENT AN ACCESS OPENING. PAVING OF THESE NEW DRIVEWAYS WILL BE IN ACCORDANCE TO THE 7 PERCENT CRITERIA PREVIOUSLY MENTIONED FOR EXISTING DRIVEWAYS.

(8) NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.

(9) ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

(10) ON PROJECTS WITH CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT. AFTER THE PERMIT HAS BEEN GRANTED, THE DEPARTMENT WILL CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE THROUGH THE CURB AND SIDEWALK, PROVIDED THE CURB AND SIDEWALK HAVE NOT BEEN CONSTRUCTED. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE FROM BACK OF SIDEWALK TO TOUCHDOWN POINT FOR ANY ADDITIONAL DRIVEWAYS OR FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

UTILITIES

(1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.

(2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

(3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

(4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.

(5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106.

UTILITY OWNERS

CABLE TV:
CHARTER COMMUNICATIONS
38 WEST BROAD STREET
COOKEVILLE, TN 38501
CONTACT: MR.JOE HUNTER
OFFICE PHONE: 931- 372- 2889
CELL PHONE: 931- 372- 2889
Email: joe.hunter@charter.com

CABLE TV:
SPIRIT BROADBAND
8279 HORTON HWY
COLLEGE GROVE, TN 37046
CONTACT: MR. VINCE KING
OFFICE PHONE: 877- 368- 2110
CELL PHONE: 877- 368- 2110
Email: vince@spiritbb.com

ELECTRIC:
VOLUNTEER ENERGY COOPERATIVE
18359 HWY 58 NORTH
DECATUR, TN 37322
CONTACT: MR.RODY BLEVINS
OFFICE PHONE: 423- 334- 7000
CELL PHONE: 423- 334- 7000
Email: rblevins@vec.org

GAS:
MIDDLE TENNESSEE NATURAL GAS
1030 WEST BROAD STREET
SMITHVILLE, TN 37166
CONTACT: MR.JOHN MULLEN
OFFICE PHONE: 615- 597- 0515
CELL PHONE: 615- 597- 0515
Email: mstennett@mtng.com

WATER:
CRAB ORCHARD UTILITY DISTRICT
2089 EAST 1ST STREET
CROSSVILLE, TN 38555-4659
CONTACT: MR.EVERETT BOLIN
OFFICE PHONE: 931- 484- 6987
CELL PHONE: 931- 265- 4491
Email: ebolin.coud@frontiernet.net

CABLE TV:
COMCAST (XFINITY)
5720 ASHEVILLE HWY
KNOXVILLE, TN 37924
CONTACT: MR.JOSHUA JONES
OFFICE PHONE: 865- 719- 7590
CELL PHONE: 865- 719- 7590
Email: joshua_jones@comcast.com

FIBER OPTICS:
VOLFIRST
205 O'BRIEN ROAD
CROSSVILLE, TN 38555
CONTACT: MR.RICHARD BOYD
OFFICE PHONE: 931- 668- 6692
CELL PHONE: 931- 668- 6692
Email: rboyd.bl@blomand.net

ELECTRIC:
TENNESSEE VALLEY AUTHORITY
1101 MARKET ST MR 4G-C
CHATTANOOGA, TN 37402
CONTACT: MR.SHANE BEASLEY
OFFICE PHONE: 423- 751- 2213
CELL PHONE: 423- 751- 2213
Email: skbeasley@tva.gov

TELEPHONE:
FRONTIER/CITIZENS COMMUNICATIONS CO.
447 SOUTH JEFFERSON AVENUE
COOKEVILLE, TN 38501
CONTACT: MR. HAROLD RADER, II
OFFICE PHONE: 931- 646- 4534
CELL PHONE: 931- 646- 4534
Email: harold.rader@ftr.com

SEWER:
FAIRFIELD GLADE COMMUNITY CLUB
7827 PEAVINE ROAD
FAIRFIELD GLADE, TN 38558
CONTACT: MR. TIM MARTIN
OFFICE PHONE: 931- 484- 3780
CELL PHONE: 931- 510- 7072
Email: tmartin@fairfieldglade.cc

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY NOTES, UTILITY NOTES, & UTILITY OWNERS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3A
CONST	2016	STP-101(16)	3A

R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)		
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
1	WILLIAM F. & PATRICIA GRAHAM	88	16.01	1007	1139	9.034		9.034	1.779		1.779	7.255		1614		
* 2	JAMES & JOANNE CANELLES	88	18	530	193		13.303	13.303		1.661	1.661		11.642			0.239 AC
*	SAME AS ABOVE	88	62.01	512	571											
3	RALPH T. & GENEROSA ELLIOTT	88	15.02	467	429	3.061		3.061	2155 S.F.		2155 S.F.	3.012				
4	GAMA MANAGEMENT INC.	88	15.01	1212	219	0.870		0.870	0.373		0.373	0.497				
5	RANDELL PARSONS	88	15	1189	1226	2.880		2.880	0.304		0.304	2.576				
6	JAMES & JOANNE CANELLES	89	62.01	512	571		3.173	3.173		0.774	0.774		2.399			
7	PATRICIA CAREY AND MICHAEL PARSONS	89	62	1068	694		3.232	3.232		0.455	0.455		2.777			
7-S	PATRICIA CAREY AND MICHAEL PARSONS	89	62	1068	694		2.777	2.777		769 S.F.	769 S.F.		2.759			
8	COLONIAL SQUARE LLC.	89	2.01	1196	1486	11.377	335 S.F.	11.385	1.418	335 S.F.	1.426	9.959				
9	SHARON D. FRANKLIN	89	61	315	298		6.348	6.348		0.770	0.770		5.578			
10	FAIRLENA J. GASTON	89	60.02	340	738		0.451	0.451		0.119	0.119		0.332			
11	JAMES BRUCE & JUDY ANN WENDT	89	60.01	493	641		0.544	0.544		3498 S.F.	3498 S.F.		0.464			
11-S	JAMES BRUCE & JUDY ANN WENDT	89	60.01	493	641		0.464	0.464		1978 S.F.	1978 S.F.		0.419			
12	ROBERT & MICHELE FILECCIA	89	60.05	1106	1682		1.843	1.843		2233 S.F.	2233 S.F.		1.792			
12-S	ROBERT & MICHELE FILECCIA	89	60.05	1106	1682		1.792	1.792		1356 S.F.	1356 S.F.		1.761			
13	MICHEAL & ANGELE NIEMEN	89	2	425	108	1.466	853 S.F.	1.486	0.602	853 S.F.	0.622	0.864				
14	CONRAD A. MILLER TRUSTEE	89	60	1254	585		0.569	0.569		2739 S.F.	2739 S.F.		0.506			
15	RICHARD L. & LINDA K. HOUSTON	89	60.04	446	719		6.130	6.130		0.133	0.133		5.997			
15-S	RICHARD L. & LINDA K. HOUSTON	89	60.04	446	719		5.997	5.997		1490 S.F.	1490 S.F.		5.963			
16	MARK S. TEEPLE	89	3	1076	2301	2.819	57 S.F.	2.820	0.450	57 S.F.	0.451	2.369				
17	CYNTHIA L. & DWIGHT L. BRIDGES	89	60.03	321	442		0.679	0.679		3493 S.F.	3493 S.F.		0.599			
17-S	CYNTHIA L. & DWIGHT L. BRIDGES	89	60.03	321	442		0.599	0.599		882 S.F.	882 S.F.		0.579			
18	LYNN A. MILLER TRUSTEE REV. LIV. TRUST	89	59	1256	69		2.332	2.332		0.253	0.253		2.079			
19	TIMOTHY JAY & CYNTHIA POTTER	89	4.03	523	5	18.260		18.260	0.414		0.414	17.846				
20	RANDALL NEAL	89	63	1047	2381		6.130	6.130		0.225	0.225		5.905			
21	J. H. POTTER	89	4	1092	2071	8.110		8.110	0.582		0.582	7.528				
22	HAROLD W. JR. & TERESA COOPER	89	4.04	1319	1463		1.867	1.867		0.420	0.420		1.447			
23	HAROLD W. JR. & TERESA COOPER	89	4.01	403	17		3.044	3.044		1608 S.F.	1608 S.F.		3.007			
24	CHRIS P. WALKER AND WIFE JANICE D.	89	56	1293	1003		9.140	9.140		0.333	0.333		8.807			
	SAME	89	56	1293	1003											
25	CLYDE POTTER	89	5	67	314	25.291		25.291	0.765		0.765	24.526				
26	DAVID V. MILLER	89	55	1239	165		12.230	12.230		0.281	0.281		11.949			
26A	RANDAL PETRIE	89	55.01	1134	304		1.900	1.900		0.239	0.239		1.661			
27	MICHEAL & ANGELE NIEMEN	89	6	417	540	2.000		2.000	0.268		0.268	1.732				
28	JANICE SUSAN WILKEN	89	9	1289	1428		12.348	12.348		0.534	0.534		11.814	644	0.105 AC	0.129 AC
29	RONNIE L. & MILDRED J. THOMAS	89	7	252	320	5.652		5.652	0.372		0.372	5.280			460	0.145 AC
30	ELI STERNBUCH & MIRIAM STERNBUCH	89	11	1366	2303		0.824	0.824		3220 S.F.	3220 S.F.		0.750		2454	1668
30-S	ELI STERNBUCH & MIRIAM STERNBUCH	89	11	1366	2303		1259 S.F.	1259 S.F.					1259 S.F.	1259		
31	PEAVINE PLAZA INC.	89	8	1210	1957	6.749		6.749	0.172		0.172	6.577				3610
32	LINVIL & VIRGINIA PARSONS BLAYLOCK	89	14.01	1190	878		5.194	5.194		0.331	0.331		4.863	288	1320	0.149 AC
32-S	LINVIL & VIRGINIA PARSONS BLAYLOCK	89	14.01	1190	878		375 S.F.	375 S.F.					375 S.F.	375		
32-S1	LINVIL & VIRGINIA PARSONS BLAYLOCK	89	14.01	1190	878		231 S.F.	231 S.F.					231 S.F.	231		
33	J. RANDALL CROWDER	76	9	1187	1118	3.825		3.825	2656 S.F.		2656 S.F.	3.764			55	1196
34	STONE FAMILY LP OF CUMBERLAND CO.	76	20	1049	152	81.200		81.200	0.429	0.360	0.789	80.771		563	2648	0.124 AC
35	JAMES & CAROLYN SULLIVAN	76	9.01	1297	235	1.398		1.398	2857 S.F.		2857 S.F.	1.332		276	386	2052
35-S	JAMES & CAROLYN SULLIVAN	76	9.01	1297	235	213 S.F.		213 S.F.				213 S.F.		213		
36	DELOY & BETTY J. DAVENPORT	89	18	1135	48		2.286	2.286		0.228	0.228		2.058		1271	0.182 AC
37	LANDSCAPE SOLUTIONS CO.	76	10	1219	76	1.347		1.347	4216 S.F.		4216 S.F.	1.250		434	238	1830
38	VICKIE & DAVID D. WYATT	89	19	1295	2023		2.140	2.140		0.169	0.169		1.971	1186	3893	1150
39	MARCIA L. McGUCKIN	76	11.01	1346	2056	0.456		0.456	1516 S.F.		1516 S.F.	0.421		192		606
40	KENNETH A. BANEGAS	76	11	1295	676	0.825		0.825	2977 S.F.		2977 S.F.	0.757		279	44	1283
41	AUSTIN & LARUE HAMBY	76	12.01	1026	1855	8.830		8.830	0.202		0.202	8.628		309	728	3479
	SAME	76	12.02	1096	938											
42	MARY L. BLAIR	89	20.01	1366	1707		3.848	3.848		0.109	0.109		3.739		1658	2213
43	SHERRIE H. HAWN & JESSEE J. HAWN	89	20	1322	1843		3.643	3.643		1774 S.F.	1774 S.F.		3.602		882	2456
44	JAMES N. & CYNTHIA A. PASQUINELLY	76	12	508	294	5.036	358 S.F.	5.044	0.363	358 S.F.	0.371	4.673				4019
46	J. RANDALL CROWDER	89	21	1305	1840		5.240	5.240		47 S.F.	47 S.F.		5.239		128	433
46	J. RANDALL CROWDER	89	21.01	1197	529		1.059	1.059		42 S.F.	42 S.F.		1.058		1768	2770

* CONST EASMT NEEDED FOR EPSC QTYS.

REV. 10-26-11: COMBINED TRACTS 45 AND 46 INTO TRACT 45.
REV. 11-4-11: CHANGED TRACT 45 TO 46.
REV. 12-19-11: ADDED LINE THROUGH TRACT 6. ADDED SECOND ROW TO TRACT 2. ADJUSTED AREAS FOR TRACTS 24 AND 26. ADDED TRACT 26A. MOVED TRACTS 47 & 48 TO SHEET 3B.
REV. 5-10-12: CORRECTED SLOPE EASEMENT AREA FOR TRACT 29. CORRECTED SLOPE AND CONST. ESMT. AREAS FOR TRACT 30. UPDATED DRN. ESMT. AREA FOR TRACT 38.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACTS 5, 39, 42, AND 43. UPDATED DEED BOOK AND PAGE FOR TRACTS 22, 26, 26A, 34, 39, 42, AND 43. UPDATED TOTAL AREA FOR TRACTS 19, 20, 21 27, 34, AND 41. UPDATED SLOPE ESMT. AREA FOR TRACT 34.
REV. 7-24-12: REVISED CONST. ESMT. ON TRACT 36
REV. 7-27-12: REVISED DRAIN. ESMT. ON TRACT 38
REV. 08-20-12: ADDED PERM. DRAIN. EASMT TO TRACT 1.
REV. 09-05-12: REVISED TRACT 5 PER ROW REQUEST.
REV. 09-24-12: REVISED TRACT 17, 18, & 20. ADDED CONST EASMT TO TRACT 2.
REV. 10-02-12: REVISED TRACT 17.
REV. 11-26-12: REVISED TRACT 37. ADDED TRACT 30-S,32-S,35-S.
REV. 1-16-13: REVISED DRAIN EASMT TO TRACT 37.
REV. 5-22-13: REVISED PROPERTY OWNERS NAME, DEED BOOK AND PAGE NO. FOR TRACT 30. ADDED TRACT 30-S1 AND 32-S1. ADDED CONST EASMT TO TRACT 2-S. ADDED TRACT 9-S. ADDED EPSC NOTE.
REV. 5-29-13: REVISE TRACT 4.
REV. 6-11-13: REVISE TRACT 2. REMOVED TRACT 9-S AND 30-S1.
REV. 7-09-13: REVISE TRACT 4 AND 10.
REV. 7-24-13: REVISE TRACT 4.
REV. 03-08-16: ADDED TRACT 7-S, 10-S, 11-S, 12-S, 14-S, 15-S, 17-S, AND 20-S. REVISED TRACTS 9 AND 18.
REV. 06-08-16: REMOVED TRACT 10-S, 14-S, AND 20-S. REVISED TRACT 7-S, 11-S, 12-S, 18, AND 9 PER ROW REQ.

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)		
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
47	CHRISTINE J. SCHMITT	89	22	1189	1988		0.983	0.983					0.983	269	564	2290
48	GWEN F. GUITAR & DENNIS R. IRVING	76	13.01	1089	1799	2.317	1985 S.F.	2.363	0.238	1985 S.F.	0.284	2.079				2706
49	INA IMES MAY GILBERT, LEAMON N. & BETTY L. BARNETT	76	15	1316	983	34.110	0.331	34.441	0.757	0.331	1.088	33.353		227	2950	0.102 AC
50	DANO A. ANDERSON & WF MARY G. ANDERSON	89B/A	20	487	9		1.397	1.397		4157 S.F.	4157 S.F.		1.302			836
51	JACK & WANDA PLEASANT, ETUX	89 B/A	17	510	340		0.444	0.444		239 S.F.	239 S.F.		0.439			
52	RONALD F. WEB & MICHAEL ELLIS	89B/A	18.01	1261	850		0.744	0.744		1846 S.F.	1846 S.F.		0.702			
53	JAMES N. PASQUINELLY	89B/A	19	1173	2042		0.161	0.161		808 S.F.	808 S.F.		0.142			
54	LEAMON & CAROLYN BARNETT	76	14	144	359	1.854	0.134	1.988	0.250	0.134	0.384	1.604		49	0.134 AC	2667
55	EQUITY TRUST CO.	76	14.01	1202	1175		0.344	0.344		0.115	0.115		0.229			
56	MICHAEL S. & ARBANDA KAY KIRKLAND	76	15.03	1012	1765	0.850	695 S.F.	0.866	2009 S.F.	695 S.F.	2704 S.F.	0.804		1298	255	316
57	EQUITY TRUST CO.	76	18.02	1231	240		0.731	0.731		0.172	0.172		0.559			
58	CALVIN L. & SUSAN K. SMART	76	16	1112	327	14.226	0.212	14.438	0.373	0.212	0.585	13.853		1428	0.101 AC	2706
59	WILLIAM ALFRED & HELEN FRANCIS WATSON	76	16.01	286	73	0.894	3652 S.F.	0.978	0.177	3652 S.F.	0.261	0.717		302	585	1782
60	RUSSELL W. III & FAYE L. LEWIS	76	17.01	425	421	13.921	0.257	14.178	0.455	0.257	0.712	13.466	0 S.F.		151	0.109 AC
61	JOHN A. & PAMELA P. FOUNTAIN	76	19.02	1051	2153	7.912	0.162	8.074	0.248	0.162	0.410	7.664		213	648	2228
62	LARRY DEAN COTTRELL	76	19.04	1226	735	2.468	0.207	2.675	0.330	0.207	0.537	2.138		21	89	3276
63	ALLEN K. & CHANDRA J. COTTRELL	76	19.03	1041	248	5.371	0.176	5.547	0.330	0.176	0.506	5.041			2416	4149
64	LARRY DEAN COTTRELL	76	19	1226	735	35.241	0.291	35.532	0.533	0.291	0.824	34.708		395	3702	0.143 AC
64-S	LARRY DEAN COTTRELL	76	19	1226	735	34.708		34.708				34.708		707		
64-S1	LARRY DEAN COTTRELL	76	19	1226	735	34.708		34.708				34.708		2918		
65	JAMES A. & DONNA HARRIS	76	18.20	394	715		1.220	1.220		0.109	0.109		1.111			
66	TEMPIE J. COTTRELL	76	19.01	503	597	0.992	0.126	1.118	0.226	0.126	0.352	0.766				2141
67	LAWRENCE S. STONE, ET AL	76	26.02	1176	2285	13.478	1.459	14.937	2.696	1.459	4.155	10.782		2309	0.247 AC	0.718 AC
67-S	LAWRENCE S. STONE, ET AL	76	26.02	1176	2285	2500 S.F.		2500 S.F.				2500 S.F.		2500		
68	CUMBERLAND CO. BANK	76N/A	3	1366	1820		0.740	0.740		662 S.F.	662 S.F.		0.725			
69	JOHN R. STANCZAK	76N/A	3.01	1206	1288		0.656	0.656		2196 S.F.	2196 S.F.		0.606			
69-S	SCOTT J.LOOSCHEN AND MALINA L.OSBORNE	76N/A	3.01	1387	1368		0.606	0.606					0.606	0.121 AC		
70	JOSEPH JUSTICE & WF MYRA JUSTICE & GARY WALKER & WF DEEN ANN WALKER	76N/A	3.02	1205	1266		1.474	1.474		460 S.F.	460 S.F.		1.463			
70-S	JOSEPH JUSTICE & WF MYRA JUSTICE & GARY WALKER & WF DEEN ANN WALKER	76N/A	3.02	1205	1266		1.463	1.463					1.463	634		
70-S1	JOSEPH JUSTICE & WF MYRA JUSTICE & GARY WALKER & WF DEEN ANN WALKER	76N/A	3.02	1205	1266		1.463	1.463					1.463	767		
71	BILLY HOPPER JR. & MELBA LEA	76N/A	5	1160	1727		0.897	0.897		2722 S.F.	2722 S.F.		0.835	2899		
71-S	BILLY HOPPER JR. & MELBA LEA	76N/A	5	1160	1727		0.835	0.835					0.835	1129		
72	KEITH RANDAL DUNAWAY	89C/B	17	1251	2128		0.463	0.463		0.113	0.113		0.350			
72-S	KEITH RANDAL DUNAWAY	89C/B	17	1251	2128		0.463	0.463					0.463			101
73	GARY BREWER	89C/B	17.01	1131	2141		0.456	0.456		1603 S.F.	1603 S.F.		0.419			
73-S	GARY BREWER	89C/B	17.01	1131	2141		0.456	0.456					0.456			300
74	GERALD F. & CAROLYN P. ERAMBERT	76	26	1240	143	6.684	0.344	7.028	0.487	0.344	0.831	6.197			1679	4247
74	GERALD F. & CAROLYN P. ERAMBERT	76	25	399	159											
75	WILLIAM IVO SANDERS	76	26.01	1256	832	0.406	0.110	0.516	0.215	0.110	0.325	0.191			2804	2766
76	MID CONTINENT ENERGY, INC.	76	27.18	289	662		0.538	0.538		0.106	0.106		0.432			1519
77	MARY L. HULL TRUST	76	27.14	1271	1784		1.769	1.769		0.166	0.166		1.603			1354
~~78~~	~~GERALD F. & CAROLYN P. ERAMBERT~~	~~76~~	~~25~~	~~1240~~	~~151~~	~~0.251~~	~~0.154~~	~~0.405~~	~~0.132~~	~~0.154~~	~~0.286~~	~~0.119~~				~~1152~~
79	WYNDHAM VACATION RESORTS	76M/H	1.01	1257	2226		1.055	1.055		0.261	0.261		0.794			
80	BEULAH L. COTTRELL	76	24	240	458	86.869	0.210	87.079	0.743	0.210	0.953	86.126		40	489	0.263 AC
81	WYNDHAM VACATION RESORTS	76M/H	1.02	1257	2226		0.804	0.804		0.284	0.284		0.520			
82	WYNDHAM VACATION RESORTS	76L/A	36	1257	2226	0.365	6.482	6.847	0.365	1.860	2.225		4.622	1569	0.427 AC	0.541 AC
	SAME	76L/B	1	1257	2226											
82-S	WYNDHAM VACATION RESORTS	76L/A	36	1257	2226		4.622	4.622					4.622	0.162 AC		
~~83~~	~~VIOLA M. SEEBODE~~	76 L/A	12	1301	2498		0.558	0.558					0.558			
84	FIRST BAPTIST CHURCH TRUSTEES	76L/B	2	198	173	0.211	3.334	3.545	0.211	0.883	1.094	1 S.F.	2.451		3460	2868
85	WYNDHAM VACATION RESORTS	76L/B	3	1257	2226	286 S.F.	0.375	0.382	286 S.F.	0.243	0.250		0.132			
137	ELDON C. BURGESS & KATHERINE H. BURGESS	88	20.01	1350	1296					2591 S.F.	2591 S.F.					
138	J.H. GRAHAM III, TRUSTEE	88	17	493	613	14.930		14.930	3899 S.F.		3899 S.F.	14.840				
139	WAYNE STEVENS, TRUSTEE	76	14.02	1052	1789		5.701	5.701		2356 S.F.	2356 S.F.		5.647			
140	EVERETT & OPAL P. MADEN	76N/A	6	175	379		1.057	1.057		227 S.F.	227 S.F.		1.052			
141	BILLY HOPPER AND WIFE SUE HOPPER	~~76~~	~~27.21~~	~~1008~~	~~817~~		~~0.800~~	~~0.800~~					~~0.800~~			
	SAME AS ABOVE	76	27.19	1008	817		1.060	1.060		457 S.F.	457 S.F.		1.050			525
159	J-TENT LLC.	89	3.01	1281	1058	0.584		0.584	0.352		0.352	0.232				
~~160~~	~~DAVID R. & RENEE G. DAVENPORT~~	76	18.01	1226	1299		0.774	0.774					0.774			
193	MILLARD V. OAKLEY	76	23.11	1276	1736	2.110		2.110				2.110		494		
~~194~~	~~MILLARD V. OAKLEY~~	~~76~~	~~23.00~~	~~1252~~	~~2180~~	~~62.000~~		~~62.000~~				~~62.000~~				

DISTURBED AREA	
IN BETWEEN SLOPE LINES	47.09 (AC)
OUTSIDE SLOPE LINES	13.51 (AC)
TOTAL DISTURBED AREA	60.60 (AC)

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3B
CONST	2016	STP-101(16)	3B

REV. 10-26-11: PROPERTY OWNER NAME CHANGE, TRACT 49. CORRECTED AREA TO BE ACQUIRED FOR TRACTS 84, 85.
REV. 11-4-11: CORRECTED SLOPE AND CONSTRUCTION EASEMENT AREAS FOR TRACT 84.
REV. 12-19-11: ADDED SECOND ROW FOR TRACT 141. ADDED TRACTS 47 & 48 FROM SHEET 3A. ADJUSTED AREA TO BE ACQUIRED FOR TRACT 50.
REV. 5-10-12: ADDED SECOND LINE FOR TRACT 74. LINED THROUGH TRACTS 78, 83, AND 160. CORRECTED CONST. ESMT. AREA, TRACT 74. ADDED CONST. ESMT. ON TRACTS 76, 77, AND 141. CORRECTED PROPERTY OWNER NAME FOR TRACTS 69 & 70. CORRECTED DEED BOOK AND PAGE FOR TRACT 69. CORRECTED TOTAL AREA, LEFT AND TOTAL, AREA TO BE ACQUIRED, LEFT AND TOTAL, AND CONSTRUCTION EASEMENT AREA FOR TRACT 80. CORRECTED TOTAL AREA LEFT, RIGHT, AND TOTAL. AREA TO BE ACQUIRED LEFT, RIGHT, AND TOTAL, AREA REMAINING LEFT, SLOPE ESMT. AREA, AND CONST. ESMT. AREA FOR TRACTS 63 AND 64.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACTS 68, 75, AND 137. UPDATED DEED BOOK AND PAGE 68. FOR TRACTS 68, 74, AND 137. UPDATED TOTAL AREA FOR TRACTS 64 AND 68. UPDATED SLOPE AND CONST. ESMT. AREAS FOR TRACT 64. UPDATED CONST. ESMT. AREA FOR TRACTS 77 & 80.
REV. 7-12-12: CORRECTED TOTAL AREA AND AREA TO BE ACQUIRED FOR TRACT 64. UPDATED AREA TO BE ACQUIRED AND CONST. ESMT. AREA FOR TRACT 141.

REV. 7-17-12: REVISED TRACT 79

REV. 7-24-12: ADDED CONST. ESMT. ON TRACT 159

REV. 8-07-12: REVISED TRACT 64.

REV. 8-09-12: CORRECTED TRACT 64 AND TRACT 141.

REV. 09-24-12: REVISED TOTAL AREA TO BE ACQUIRED, DRAIN EASMT, AND CONST EASMT ON TRACT 49. ADDED DRAIN EASMT TO TRACT 71. ADDED TRACT 72S & 73S.

REV. 10-10-12: REMOVED CONST. ESMT. ON TRACT 159

REV. 11-26-12: ADDED TRACT 64-S,67-S, 67-S1,82-S,82-S1,82-S2

REV. 5-22-13: ADDED TRACT 69-S, 70-S, 193, AND 194. ADDED DRAIN EASMT TO TRACT 67-S AND TRACT 82-S. UPDATE YEAR.

REV. 5-29-13: ADDED TRACT 8004.

REV. 7-09-13: REVISED AREAS ON TRACT 64 AND 64-S. REVISE PROPERTY OWNERS NAME ON TRACT 82 AND 82-S. ADDED LINE ACROSS TRACT 194. REMOVED TRACT 8004.

REV. 7-24-13: REVISED AREAS ON TRACT 64 AND 64-S. REMOVED TRACT 8004.

REV. 12-2-13: REVISED PROPERTY OWNER NAM ON TRACT 69 & 69-S PER ROW REQ.

REV. 1-13-14: REVISED PROPERTY OWNER NAM ON TRACT 69 AND DEED, PAGE, TOTAL AREA, AND REMAINING AREA PER ROW REQ.

REV.11-12-14:REVISED TRACT 82-S PER ROW REQ.

REV.03-08-16:ADDED TRACT 64-S1 AND DISTURBED AREA TABLE.

REV.05-25-16:ADDED TRACT 70-S1 AND TRACT 71-S.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3E
CONST.	2016	STP-101(16)	3E

REV. 11-4-11: CHANGED TRACT 45 TO 46.
REV. 12-19-11: CHANGED TRACT 6 TO TRACT 2; ADDED Z BAR. DIVIDED TRACT 26 INTO TRACTS 26 AND 26A.

REV. 08-20-12: ADDED ENVIRONMENTAL FEATURES AND ROW EASMENTS.

REV. 09-24-12: ADDED PROP DRAIN EASMT TO TRACT 71 AND CONST EASMT TO TRACT 2, 72S & 73S.

REV. 10-10-12: REMOVED CONST ESMT ON TRACT 159.

REV. 11-26-12: ADDED DRAIN EASMTS.

REV. 5-22-13: UPDATE YEAR.

REV. 5-29-13: ADDED TRACT 8004.

REV. 03-09-16: ADDED PROP ROW FOR TRACT 7-S, 9-S, 10-S, 11-S, 12-S, 14-S, 15-S, 17-S, 18-S, 20-S, AND 64-S1 PER CONST REQ.

REV. 06-08-16: REVISED PROP ROW FROM APPROX STA 85+00 TO STA 97+00. REMOVED TRACT 10-S, 14-S, AND 20-S PER ROW REQ.

STP-101(16)
BEGIN PROJ. 18038-2237-14 (PHASE 1 R.O.W.)
STA. 65+54.40

STP-101(16)
BEGIN PROJ. 18038-3240-14 (PHASE 1 CONST.)
STA. 58+86.00

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 63+00 TO STA. 178+08
SCALE: 1"=500'

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

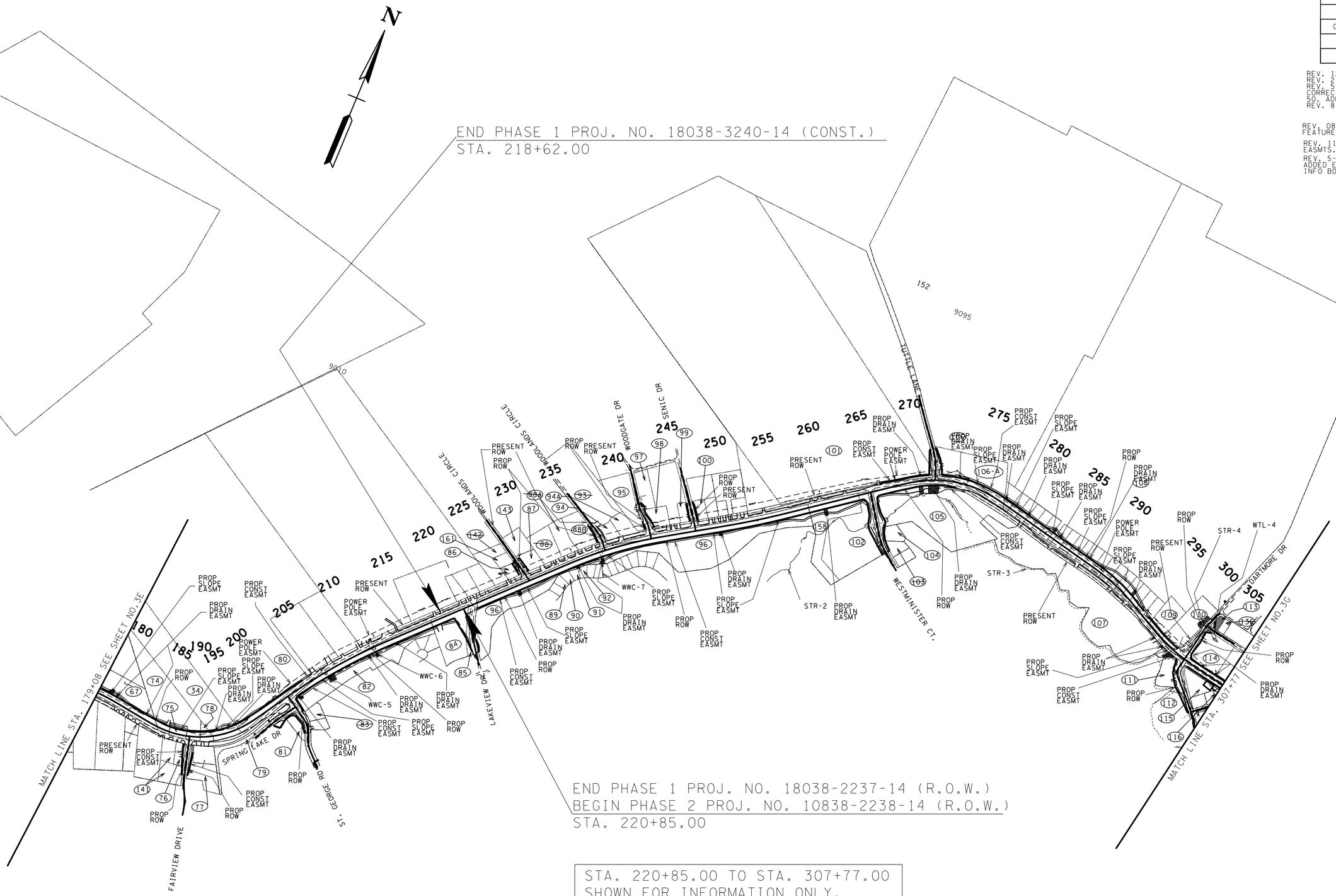
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3F
CONST	2016	STP-101(16)	3F

REV. 12-19-11: ADDED Z BAR TO TRACT 141.
REV. 2-29-12: LABELED TRACT NUMBER 161.
REV. 5-10-12: ADDED Z BAR TO TRACT 77.
CORRECTE D PROPERTY OWNER NAME ON TRACT 50. ADDED PROPERTY LINE ON TRACT 80.
REV. 8-9-12: REMOVED "Z" BAR FROM TRACT 141.

REV. 08-20-12: ADDED ENVIRONMENTAL FEATURES AND EASEMENTS.

REV. 11-26-12: ADDED DRAIN EASMTS.

REV. 5-22-13: UPDATE YEAR. ADDED END OF CONST. ADDED INFO BOX.



STA. 220+85.00 TO STA. 307+77.00
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 179+08 TO STA. 307+77
SCALE: 1"=500'

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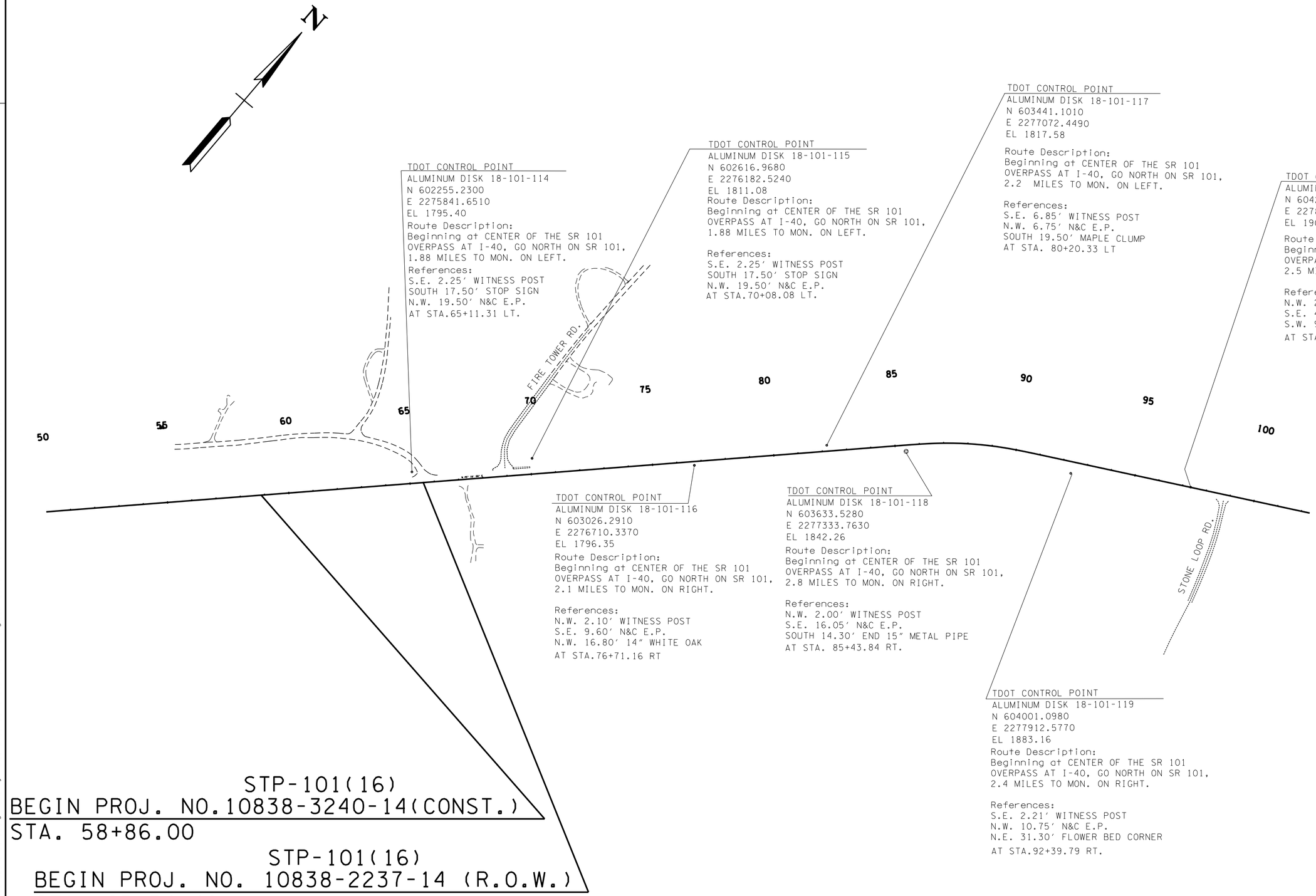
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3H
CONST	2016	STP-101(16)	3H

REV. 5-22-13- UPDATE YEAR.



TDOT CONTROL POINT
ALUMINUM DISK 18-101-114
N 602255.2300
E 2275841.6510
EL 1795.40
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
1.88 MILES TO MON. ON LEFT.
References:
S.E. 2.25' WITNESS POST
SOUTH 17.50' STOP SIGN
N.W. 19.50' N&C E.P.
AT STA.65+11.31 LT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-115
N 602616.9680
E 2276182.5240
EL 1811.08
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
1.88 MILES TO MON. ON LEFT.

References:
S.E. 2.25' WITNESS POST
SOUTH 17.50' STOP SIGN
N.W. 19.50' N&C E.P.
AT STA.70+08.08 LT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-116
N 603026.2910
E 2276710.3370
EL 1796.35
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.1 MILES TO MON. ON RIGHT.

References:
N.W. 2.10' WITNESS POST
S.E. 9.60' N&C E.P.
N.W. 16.80' 14" WHITE OAK
AT STA.76+71.16 RT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-117
N 603441.1010
E 2277072.4490
EL 1817.58
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.2 MILES TO MON. ON LEFT.

References:
S.E. 6.85' WITNESS POST
N.W. 6.75' N&C E.P.
SOUTH 19.50' MAPLE CLUMP
AT STA. 80+20.33 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-118
N 603633.5280
E 2277333.7630
EL 1842.26
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.8 MILES TO MON. ON RIGHT.

References:
N.W. 2.00' WITNESS POST
S.E. 16.05' N&C E.P.
SOUTH 14.30' END 15" METAL PIPE
AT STA. 85+43.84 RT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-119
N 604001.0980
E 2277912.5770
EL 1883.16
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.4 MILES TO MON. ON RIGHT.

References:
S.E. 2.21' WITNESS POST
N.W. 10.75' N&C E.P.
N.E. 31.30' FLOWER BED CORNER
AT STA.92+39.79 RT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-120
N 604276.6070
E 2278325.4610
EL 1904.84
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.5 MILES TO MON. ONLEFT.

References:
N.W. 2.20' WITNESS POST
S.E. 4.75' N&C E.P.
S.W. 9.50' POWER POLE
AT STA. 97+33.81 LT

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DEPARTMENT OF TRANSPORTATION

REFERENCE CONTROL POINTS

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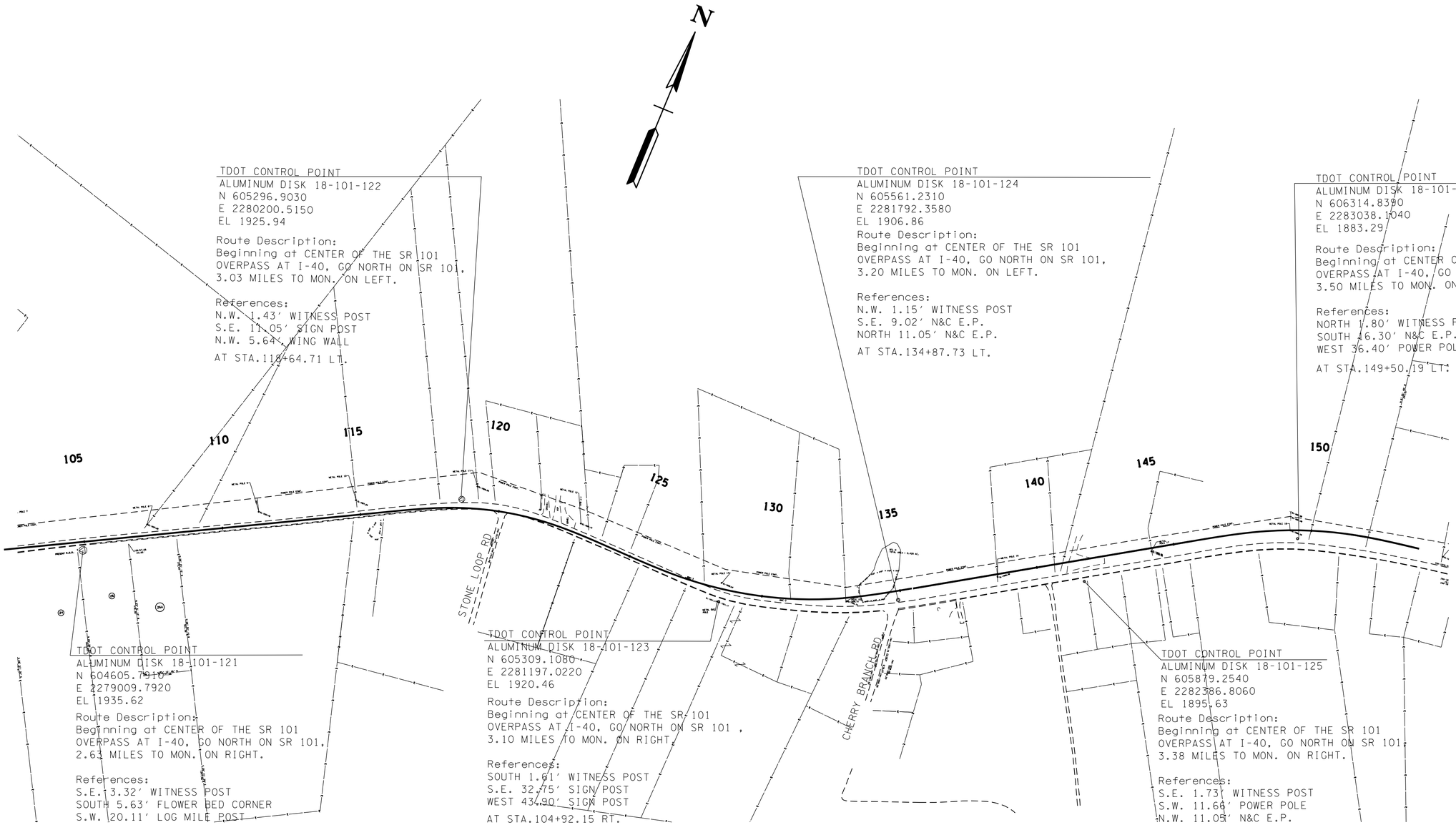
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3J
CONST	2016	STP-101(16)	3J

REV. 5-22-13- UPDATE YEAR.
REVISE SHEET NUMBER TO 3J



TDOT CONTROL POINT
ALUMINUM DISK 18-101-122
N 605296.9030
E 2280200.5150
EL 1925.94

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
3.03 MILES TO MON. ON LEFT.

References:
N.W. 1.43' WITNESS POST
S.E. 11.05' SIGN POST
N.W. 5.64' WING WALL

AT STA.118+64.71 LT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-124
N 605561.2310
E 2281792.3580
EL 1906.86
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
3.20 MILES TO MON. ON LEFT.

References:
N.W. 1.15' WITNESS POST
S.E. 9.02' N&C E.P.
NORTH 11.05' N&C E.P.

AT STA.134+87.73 LT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-126
N 606314.8390
E 2283038.1040
EL 1883.29

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
3.50 MILES TO MON. ON LEFT.

References:
NORTH 1.80' WITNESS POST
SOUTH 16.30' N&C E.P.
WEST 36.40' POWER POLE

AT STA.149+50.19 LT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-121
N 604605.7910
E 2279009.7920
EL 1935.62

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
2.63 MILES TO MON. ON RIGHT.

References:
S.E. 13.32' WITNESS POST
SOUTH 5.63' FLOWER BED CORNER
S.W. 20.11' LOG MILE POST

AT STA.104+92.15 RT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-123
N 605309.1080
E 2281197.0220
EL 1920.46

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101 ,
3.10 MILES TO MON. ON RIGHT.

References:
SOUTH 1.61' WITNESS POST
S.E. 32.75' SIGN POST
WEST 43.90' SIGN POST

AT STA.104+92.15 RT.

TDOT CONTROL POINT
ALUMINUM DISK 18-101-125
N 605879.2540
E 2282386.8060
EL 1895.63

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
3.38 MILES TO MON. ON RIGHT.

References:
S.E. 1.73' WITNESS POST
S.W. 11.66' POWER POLE
N.W. 11.05' N&C E.P.

AT STA.141+60.14 RT.

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DEPARTMENT OF TRANSPORTATION

REFERENCE CONTROL POINTS

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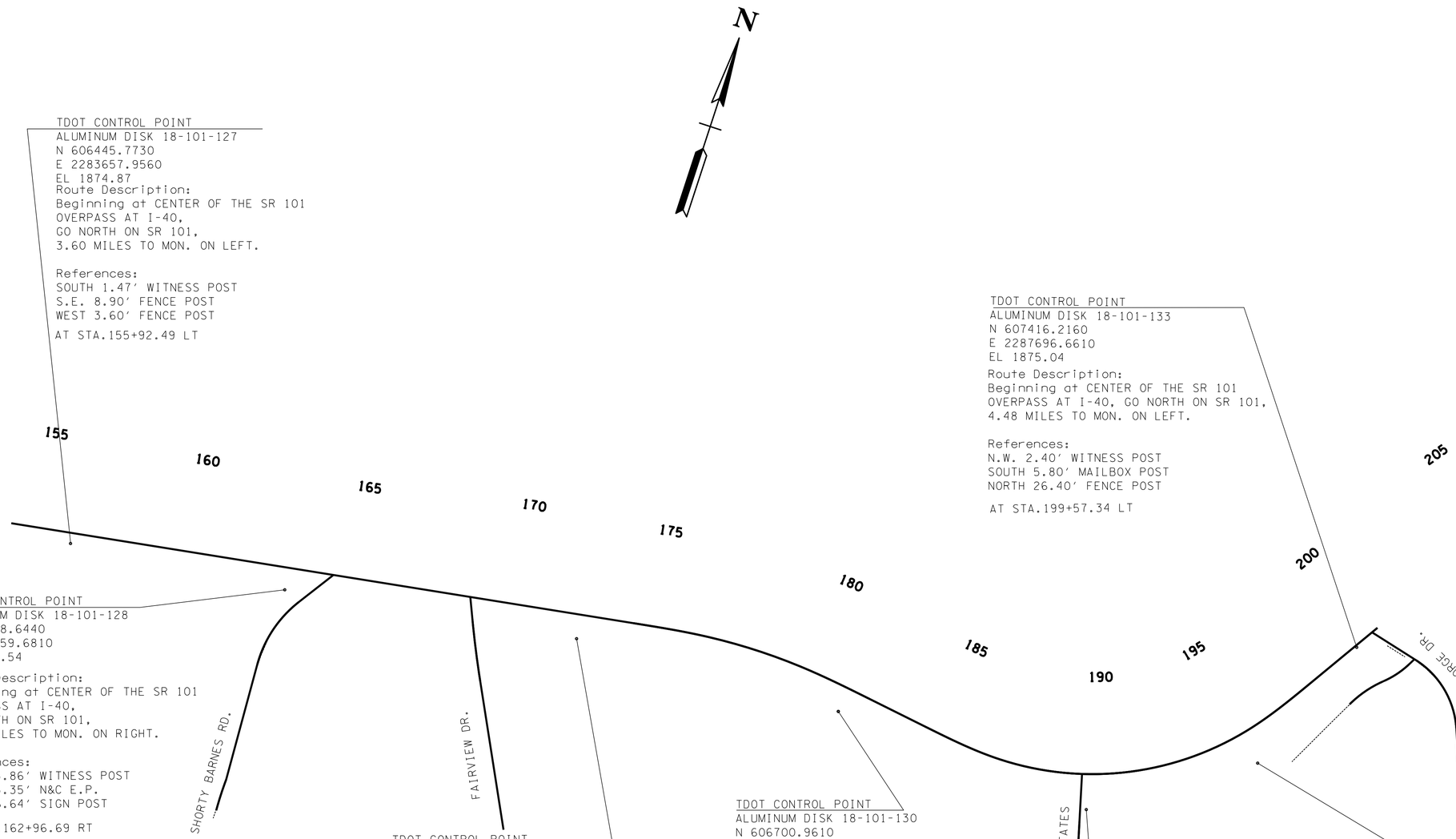
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3K
CONST.	2016	STP-101(16)	3K

REV. 5-22-13- UPDATE YEAR.
REVISE SHEET NUMBER TO 3K.



TDOT CONTROL POINT
ALUMINUM DISK 18-101-127
N 606445.7730
E 2283657.9560
EL 1874.87
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40,
GO NORTH ON SR 101,
3.60 MILES TO MON. ON LEFT.

References:
SOUTH 1.47' WITNESS POST
S.E. 8.90' FENCE POST
WEST 3.60' FENCE POST

AT STA.155+92.49 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-128
N 606518.6440
E 2284359.6810
EL 1868.54

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40,
GO NORTH ON SR 101,
3.75 MILES TO MON. ON RIGHT.

References:
SOUTH 5.86' WITNESS POST
NORTH 5.35' N&C E.P.
S.E. 16.64' SIGN POST

AT STA.162+96.69 RT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-129
N 606661.3880
E 2285301.4280
EL 1891.97
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40,
GO NORTH ON SR 101,
3.92 MILES TO MON. ON RIGHT.

References:
NORTH 1.89' WITNESS POST
WEST 7.90' FENCE POST
EAST 14.52' TELE. POLE

AT STA.172+49.17 RT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-130
N 606700.9610
E 2286174.9900
EL 1884.89
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40,
GO NORTH ON SR 101 ,
4.10 MILES TO MON. ON RIGHT.

References:
EAST 7.40' WITNESS POST
S.E. 12.30' N&C E.P.
SOUTH 6.45' N&C E.P.

AT STA.181+52.04 RT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-131
N 606648.9930
E 2287031.8120
EL 1894.54

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
4.28 MILES TO MON. ON RIGHT.

References:
NORTH 2.85' WITNESS POST
SOUTH 7.00' STOP SIGN
NORTH 25.20'

AT STA.189+72.61 RT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-133
N 607416.2160
E 2287696.6610
EL 1875.04
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
4.48 MILES TO MON. ON LEFT.

References:
N.W. 2.40' WITNESS POST
SOUTH 5.80' MAILBOX POST
NORTH 26.40' FENCE POST

AT STA.199+57.34 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-132
N 606962.7200
E 2287509.6190
EL 1882.69
Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
4.40 MILES TO MON. ON RIGHT.

References:
N.W. 3.10' WITNESS POST
S.E. 9.80' N&C E.P.
N.E. 37.30' SIGN POST

AT STA.194+91.01 RT

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE CONTROL POINTS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	3L
CONST	2016	STP-101(16)	3L

REV. 5-22-13- UPDATE YEAR.
REVISE SHEET NUMBER TO 3L.
ADDED END OF CONSTRUCTION.

STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 218+62.00

TDOT CONTROL POINT
ALUMINUM DISK 18-101-134
N 608228.8640
E 2288209.8610
EL 1864.48

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
4.68 MILES TO MON. ON LEFT.

References:
N.W. 1.60' WITNESS POST
S.W. 24.80' POWER POLE
S.E. 9.80' N&C E.P.

AT STA.209+12.57 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-136
N 609651.2060
E 2289573.3420
EL 1883.65

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
5.0 MILES TO MON. ON LEFT.

References:
N.W. 4.20' WITNESS POST
S.W. 33.40' END CULV.
N.E. 32.50' SIGN POST

AT STA.228+79.36 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-138
N 610730.1960
E 2290853.6770
EL 1931.84

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
5.35 MILES TO MON. ON LEFT.

References:
S.E. 1.74' WITNESS POST
S.W. 29.80' SIGN POST
N.E. 17.13 METAL CULV.

AT STA.245+40.22 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-135
N 609021.7120
E 2288953.1100
EL 1871.88

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
4.88 MILES TO MON. ON LEFT.

References:
N.W. 2.30' WITNESS POST
S.E. 6.50' N&C E.P.
N.E. 26.80' POWER POLE

AT STA.219+95.63 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-137
N 610204.5240
E 2290117.2900
EL 1894.56

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
5.20 MILES TO MON. ON LEFT.

References:
S.E. 9.00' WITNESS POST
S.W. 15.15' METAL CULV.
WEST 10.50' CONC. CULV.

AT STA.236+47.43 LT

TDOT CONTROL POINT
ALUMINUM DISK 18-101-139
N 611118.0010
E 2291480.0420
EL 1955.19

Route Description:
Beginning at CENTER OF THE SR 101
OVERPASS AT I-40, GO NORTH ON SR 101,
5.5 MILES TO MON. ON LEFT.

References:
S.E. 2.70' WITNESS POST
SOUTH 8.30' POWER POLE
N.E. 29.05' MAILBOX POST

AT STA.252+80.70 LT

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STA. 218+62 TO STA. 258+50
FOR INFORMATION ONLY.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE
CONTROL
POINTS

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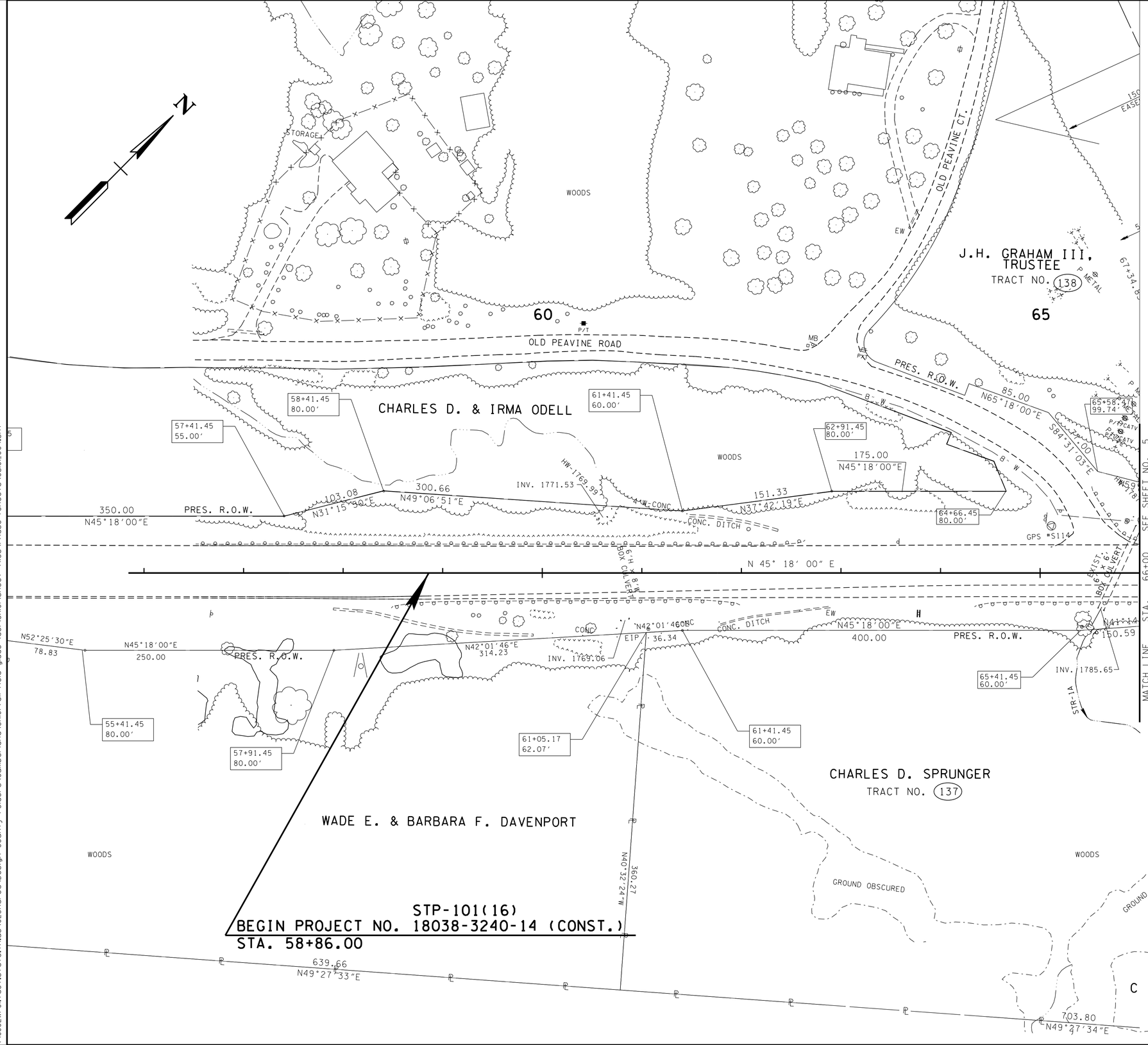
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	4
CONST	2016	STP-101(16)	4

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURE.

REV. 5-22-13 - UPDATE YEAR.



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 56+00 TO STA. 66+00

SCALE: 1"= 50'

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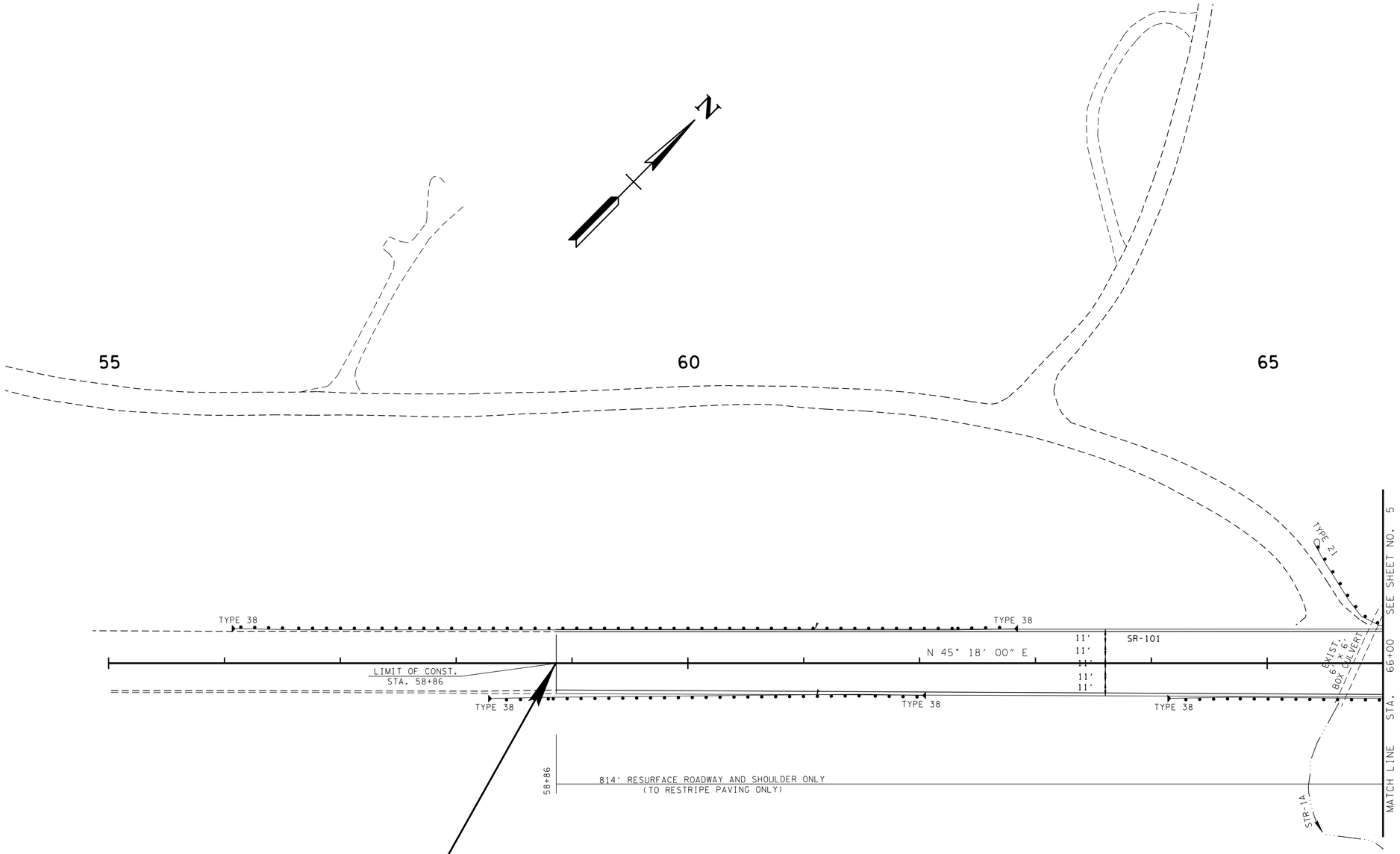
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	4B
CONST	2016	STP-101(16)	4B

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURE, PAVEMENT MARKINGS, AND EXISTING BOX CULV.

REV. 5-22-13 - UPDATE YEAR. REMOVE PVT MARKING. ADDED TYPE 38 TERMINALS.
REV. 1-15-16:ADDED PROP GR TO REPLACE EXISTING GR PER CONST REQ.



STP-101(16)
BEGIN PROJECT NO. 18038-3240-14 (CONST.)
STA. 58+86.00

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COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 56+00 TO STA. 66+00

SCALE: 1"= 50'

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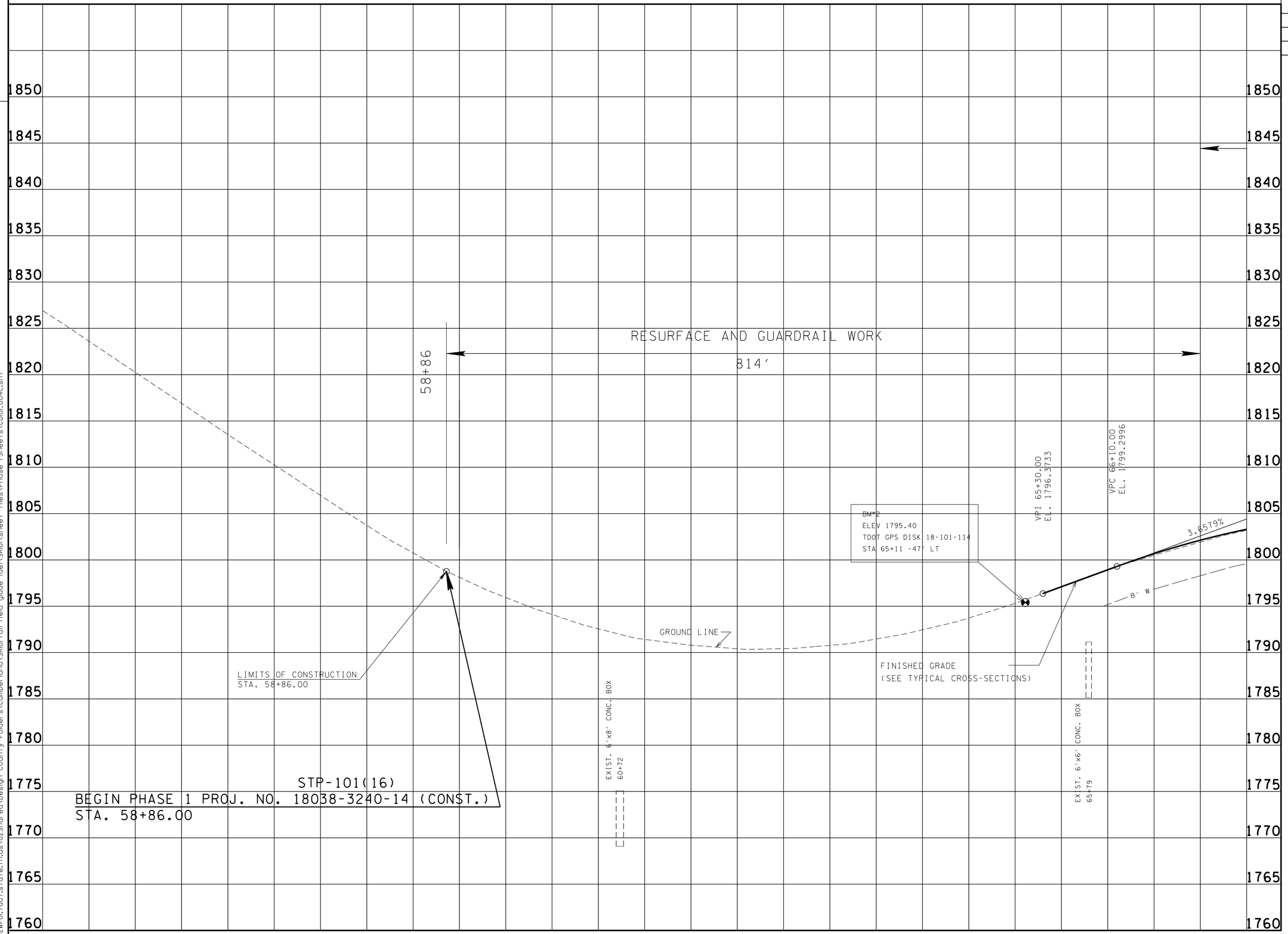
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	4C
CONST	2016	STP-101(16)	4C

REV. 5-22-13- UPDATE YEAR.



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FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 56+00 TO STA. 66+00

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	5
CONST	2016	STP-101(16)	5

REV. 1-27-11: LABELED PRESENT & PROP. R.O.W.
REV. 7-12-12: LOCATED UTILITES ON TRACTS 2 AND 138. LOCATED FENCE ON TRACT 2. LOCATED SIGN ON TRACT 1.

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURES.ADDED 6'X4' BOX CULV., TEMP & PERM. IMPACTS. LABELED ROW FEATURES. ADDED SCARIFY LEGEND.

REV. 09-24-12 - REVISED FILL SLOPE TO CUT SLOPE AT STA 68+50 TO STA. 70+50. ADDED STR-1A. REVISED SLOPE LINES PER ENV. REQ. ADDED CONST EASMT TO TRACT 2.

REV. 10-24-12 - RENAMED STR-1B TO WWC-1 PER ENV. REQ.

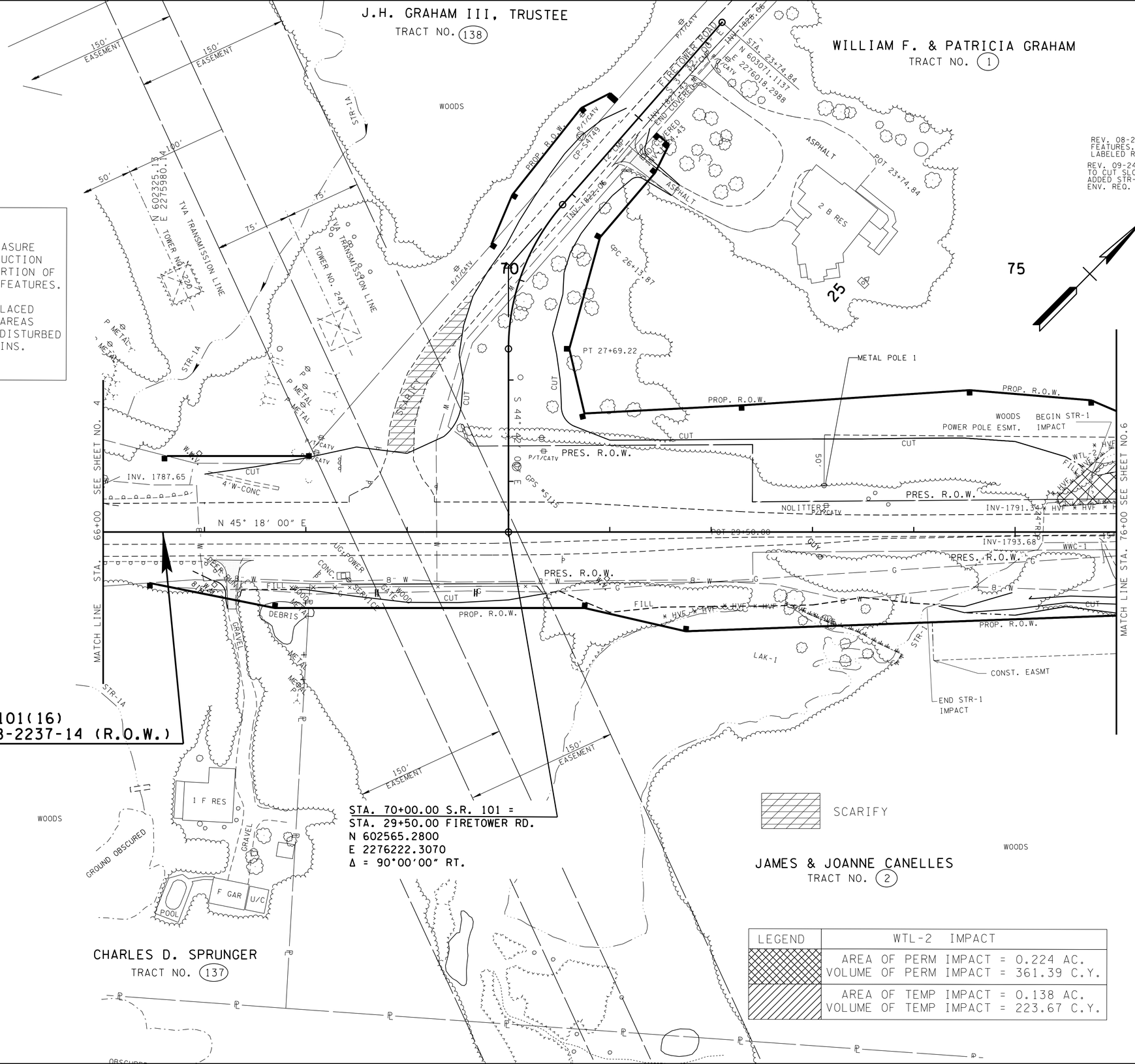
REV. 2-21-13 - ADDED TEMP IMPACT HATCHING TO WTL-2 PER ENV. REQ.

REV. 5-22-13 - UPDATE YEAR. ADDED CONST EASMT TO TRACT 2. ADDED INFO TO EXIST. PIPES.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.



PROPOSED CURVE DATA

FIRETOWER ROAD
PI 26+95.07
N 602,751.4920
E 2,276,038.0340
Δ 41° 10' 01" (LT)
D 26° 30' 00"
R 216.21
L 155.35
T 81.20
SE 0.065 FT/FT (20 MPH)
RUNOFF 74.12' 94% INSIDE
6% OUTSIDE CURVE

LEGEND	WTL-2 IMPACT
	AREA OF PERM IMPACT = 0.224 AC. VOLUME OF PERM IMPACT = 361.39 C.Y.
	AREA OF TEMP IMPACT = 0.138 AC. VOLUME OF TEMP IMPACT = 223.67 C.Y.

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CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 66+00 TO STA. 76+00

SCALE: 1"= 50'

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Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	5A
CONST	2016	STP-101(16)	5A

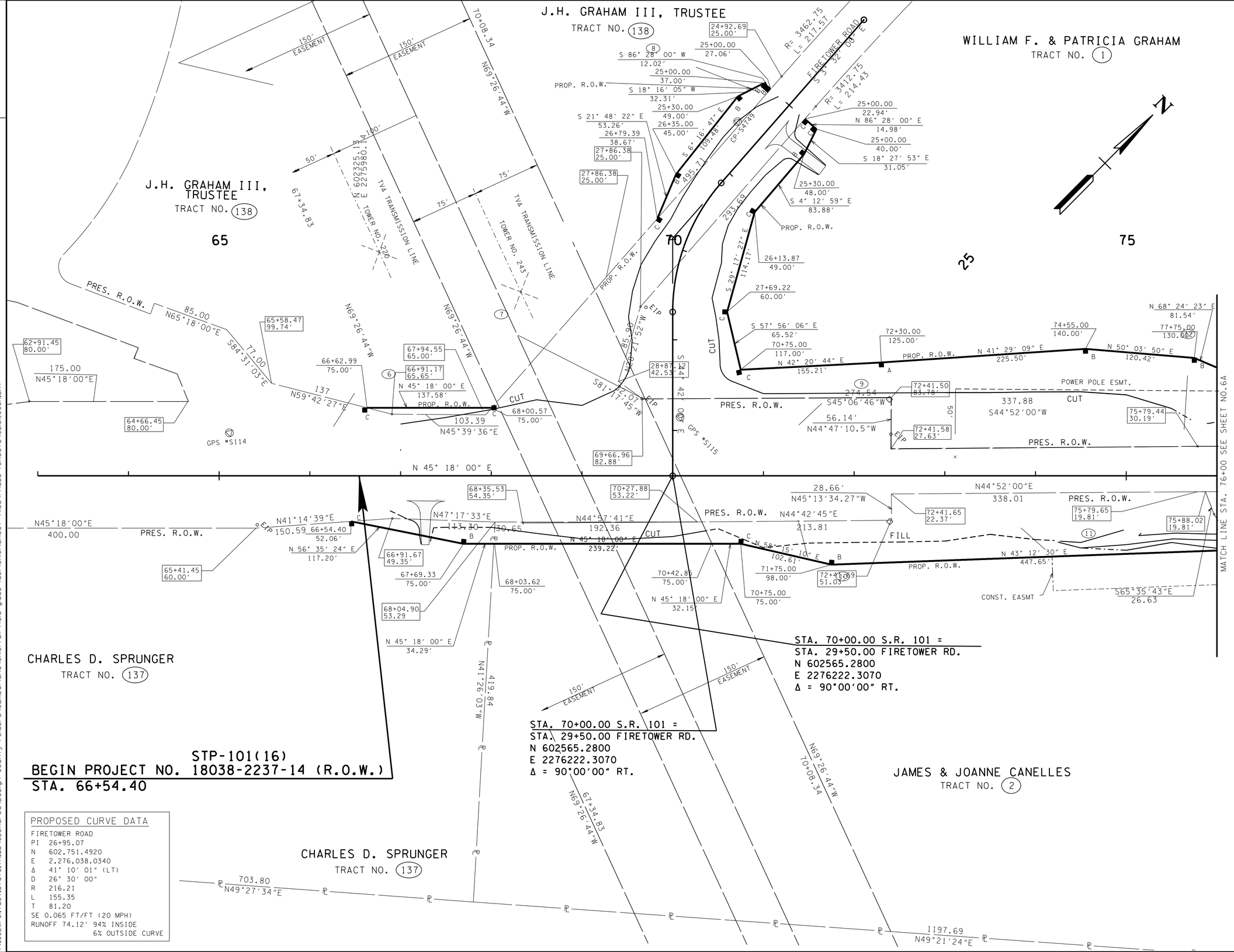
REV. 1-27-11: REMOVED R.O.W. MARKERS.
REV. 5-10-12: CORRECTED BEARINGS ON PRESENT R.O.W. STA. 72+41.

REV. 08-20-12: ADDED 6' X 4' BOX CULV. LABELED ROW FEATURES & SLOPE FEATURES.

REV. 09-24-12: ADDED SIDE ROAD LABEL. ADDED CONST. EASMT TO TRACT 2.

REV. 5-22-13: UPDATE YEAR.ADDED CONST. EASMT TO TRACT 2.

REV. 5-29-13: REMOVE MATCHLINE.



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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 63+00 TO STA. 76+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	5B
CONST	2016	STP-101(16)	5B

REV. 1/27/11: REMOVED R.O.W. MARKERS.

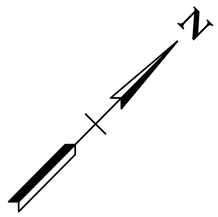
REV. 08-20-12 - ADDED 6'X4' BOX CULV. ADDED SPECIAL NOTES, ENVIRONMENTAL LABEL FEATURES, PAVEMENT MARKINGS, STR-1 RIP-RAP DETAIL, AND STR-1 & STR-1B CROSS-SECTIONS.
REV. 09-24-12 - ADDED G/R BEGIN & END. ADDED PC, PT, AND NORTH EASTING FOR FIRETOWER ROAD. ADDED SPECIAL DITCH ALIGNMENT. REVISED RIP-RAP DETAIL. REVISED TREES, SPECIAL DITCH, & ADDED LABELS AT STR-1/STR-1B PER ENV. REQ. ADDED TREES NOTES, REVISED STR-1 AND STR-1B CROSS-SECTION, AND REMOVED TREES FROM WTL-2 PER ENV. REQ.

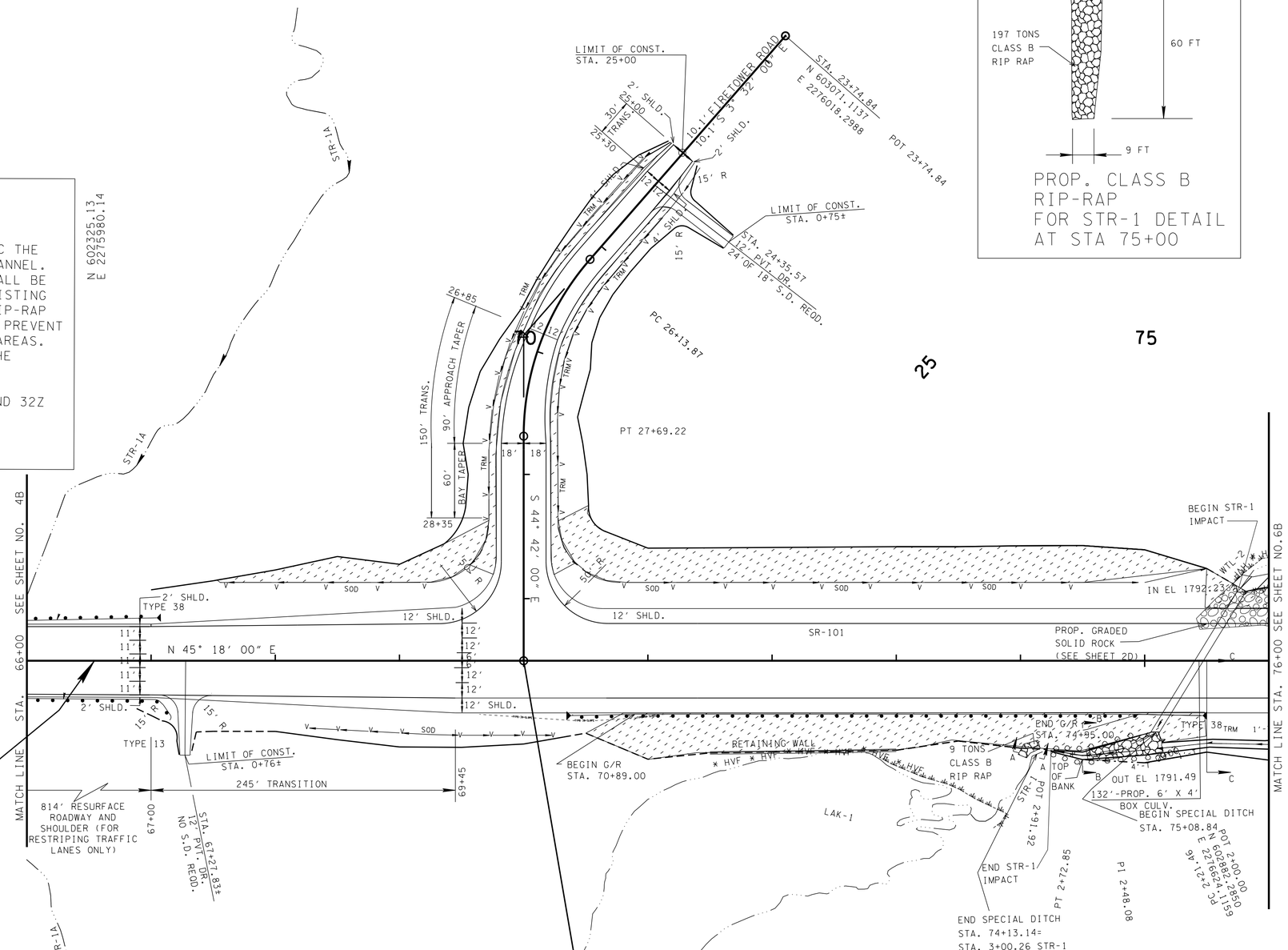
REV. 10-24-12 - REVISED STR-1B CROSS-SECTION TO PROP. & EXISTING CHANNEL DETAIL PER ENV. REQ. ADDED NOTE TO SPECIAL NOTES.
REV. 10-29-12 - REMOVED TREES FROM DITCH PER ENV. REQUEST.
REV. 2-21-13 - ADDED TEMP IMPACT HATCHING TO WTL-2 PER ENV REQ.
REV. 5-22-13 - UPDATE YEAR. REMOVE PVT MARKINGS. ADDED CROWN VETCH PATTERN. UPDATE ROADSIDE DITCHES. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ. ADDED PROP. GRADED SOLID ROCK.
REV. 5-29-13 - REVISED STATION DESCRIPTION.
REV. 1-15-16 - REVISED AND ADDED GR PER CONST REQ. REVISED CROWN VETCH PER CONST REQ.

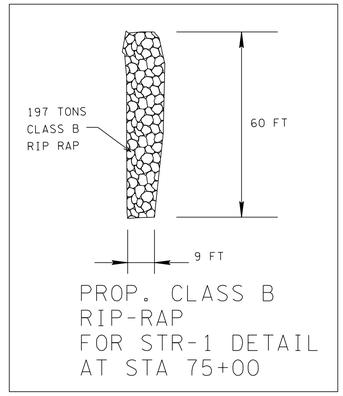
SPECIAL NOTES

RIP-RAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIP-RAP SHALL BE FILL WITH CREEK GRAVEL TO PREVENT LOSS OF STREAM WITHIN THE RIP-RAP AREAS. CREEK GRAVEL CAN BE REMOVED FROM THE CULVERT EXCAVATION AREA.

FOR TREE PLANTINGS SEE SHEET 32Y AND 32Z FOR WETLAND AND STREAM MITIGATION INFORMATION.







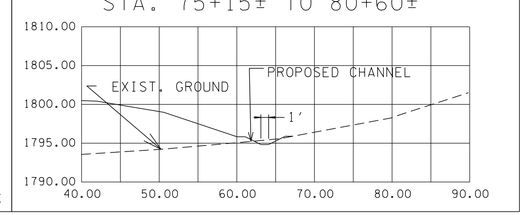
STP-101(16)
BEGIN PHASE 1 PROJ. NO. 18038-2237-14 (R.O.W.)
STA. 66+54.40

STA. 70+00.00 S.R. 101 =
STA. 29+50.00 FIRETOWER RD.
N 602565.2800
E 2276222.3070
Δ = 90°00'00" RT.

PROPOSED CURVE DATA

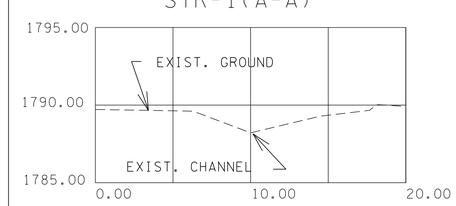
FIRETOWER ROAD
PI 26+95.07
N 602,751.4920
E 2,276,038.0340
Δ 41° 10' 01" (LT)
D 26° 30' 00"
R 216.21
L 155.35
T 81.20
SE 0.065 FT/FT (20 MPH)
RUNOFF 74.12' 94% INSIDE
6% OUTSIDE CURVE

PROP. AND EXISTING CHANNEL STA. 75+15± TO 80+60±

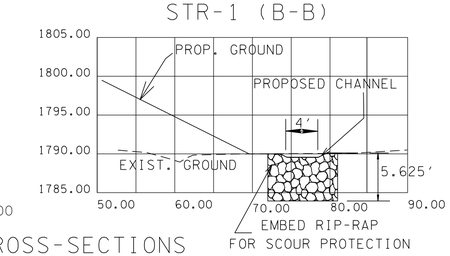


ITEM NO. 801-02.01
CROWN VETCH MIXTURE
(W/O MULCH)

EXISTING CHANNEL STR-1(A-A)



PROP CHANNEL STR-1 (B-B)



STR-1 CROSS-SECTIONS

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COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 66+00 TO STA. 76+00

SCALE: 1"= 50'

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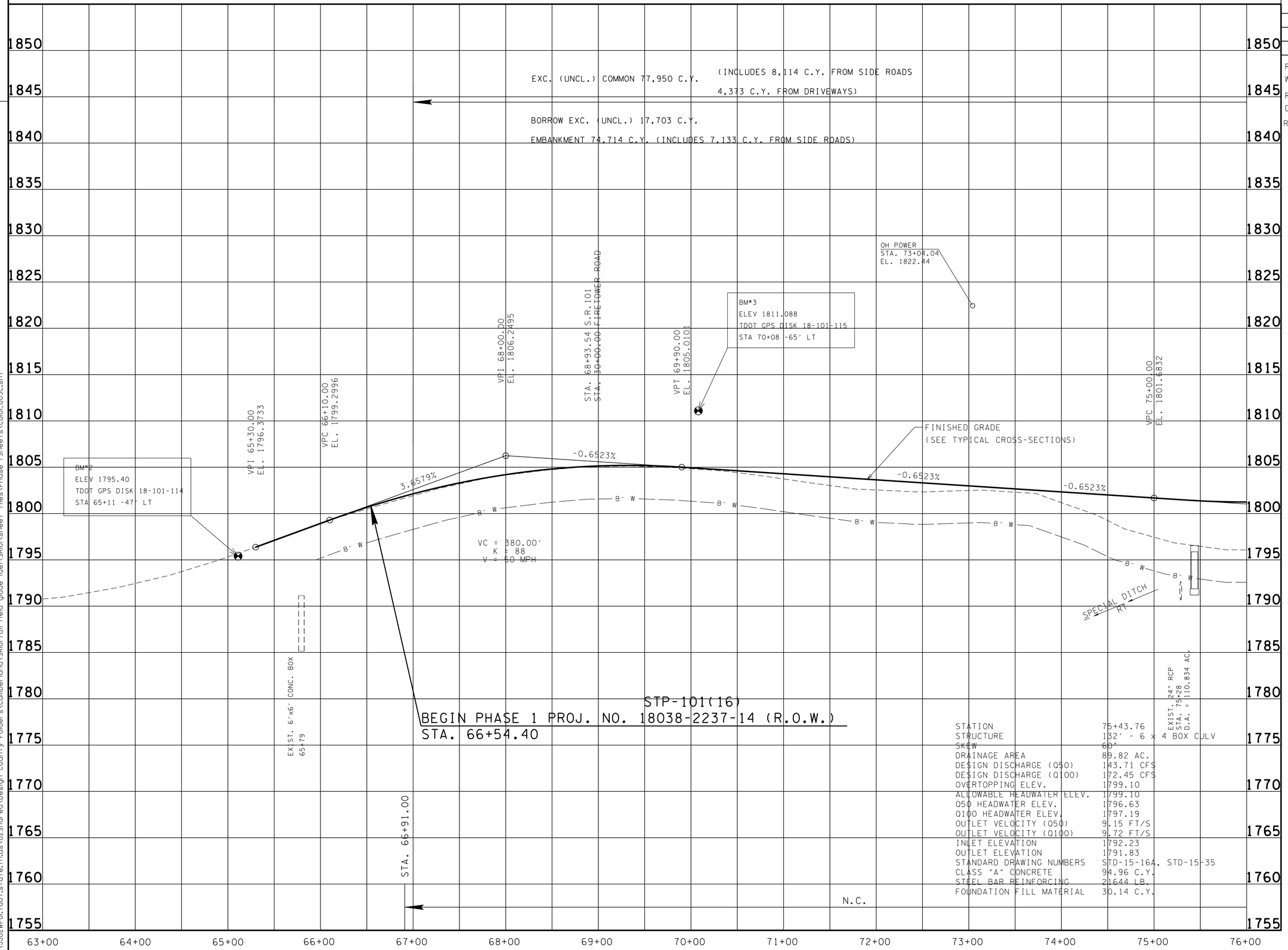
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	5C
CONST	2015	STP-101(16)	5C

REV. 08-20-12 - REPLACED 24" PIPE WITH 6'X4' BOX CULV.
REV. 09-24-12 - ADDED SPECIAL DITCH FOR STR-1 PER ENV. REQ.
REV. 11-26-12 - ADDED GRADING QTYS
REV. 5-22-13- UPDATE YEAR.
REV. 03-08-16- REVISED VC AND GRADING QTYS PER CONST REQ.
REV. 05-25-16- REVISED GRADING QTYS PER CONST REQ.



STATION	75+43.76
STRUCTURE	132' - 6 x 4 BOX CULV
SKEW	60°
DRAINAGE AREA	89.82 AC.
DESIGN DISCHARGE (Q50)	143.71 CFS
DESIGN DISCHARGE (Q100)	172.45 CFS
OVERTOPPING ELEV.	1799.10
ALLOWABLE HEADWATER ELEV.	1799.10
Q50 HEADWATER ELEV.	1796.63
Q100 HEADWATER ELEV.	1797.19
OUTLET VELOCITY (Q50)	9.15 FT/S
OUTLET VELOCITY (Q100)	9.72 FT/S
INLET ELEVATION	1792.23
OUTLET ELEVATION	1791.83
STANDARD DRAWING NUMBERS	STD-15-16A, STD-15-35
CLASS "A" CONCRETE	94.96 C.Y.
STEEL BAR REINFORCING	21644 LB.
FOUNDATION FILL MATERIAL	30.14 C.Y.

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 63+00 TO STA. 76+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	6
CONST	2016	STP-101(16)	6

REV. 1-27-11: LABELED PROPOSED R.O.W. CORRECTED LOSS OF ACCESS PATTERN, TRACT 4.
REV. 12-19-11: CHANGED TRACT 6 TO TRACT 2; ADDED Z BAR.
REV. 5-10-12: ADDED SIGN TO TRACT 8. ADDED BUILDING TO TRACT 9.
REV. 6-12-12: UPDAED PROPERTY OWNER NAME FOR TRACT 5.
REV 7-12-12: LOCATED SIGNS ON TRACTS 2, 4, 7, 8, AND 9. LOCATED WATER MAINS ON TRACTS 4 AND 9. LOCATED UTILITES ON TRACTS 3 AND 9. LOCATED PARKING LOT ON TRACTS 4 AND 5.

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURES.ADDED 6'X4' BOX CULV., TEMP & PERM. IMPACTS. SPECIAL NOTES, AND GRADED SOLID ROCK (STR-1B). LABELED ROW FEATURES.

REV. 09-24-12 - REPLACE CULVERT AT STA 78+00/ WITH 2 - 4' CULVERTS. ADDED TOP OF BANK LINES PER ENV. REQ. ADDED CONST EASMT TO TRACT 2. ADDED PERM. IMPACT HATCHING TO WTL-2

REV. 10-24-12 - RENAMED STR-1B TO WWC-1 PER ENV. REQ.

REV. 2-21-13 - ADDED TEMP IMPACT HATCHING TO WTL-2 PER ENV REQ.

REV. 5-22-13 - UPDATE YEAR. ADDED CONST EASMT AND SLOPE EASMT TO TRACT 9-S. ADDED CONST EASMT TO TRACT 2. ADDED INFO TO EXIST. PIPE.

REV. 5-29-13 - ADDED TRACT 8004.

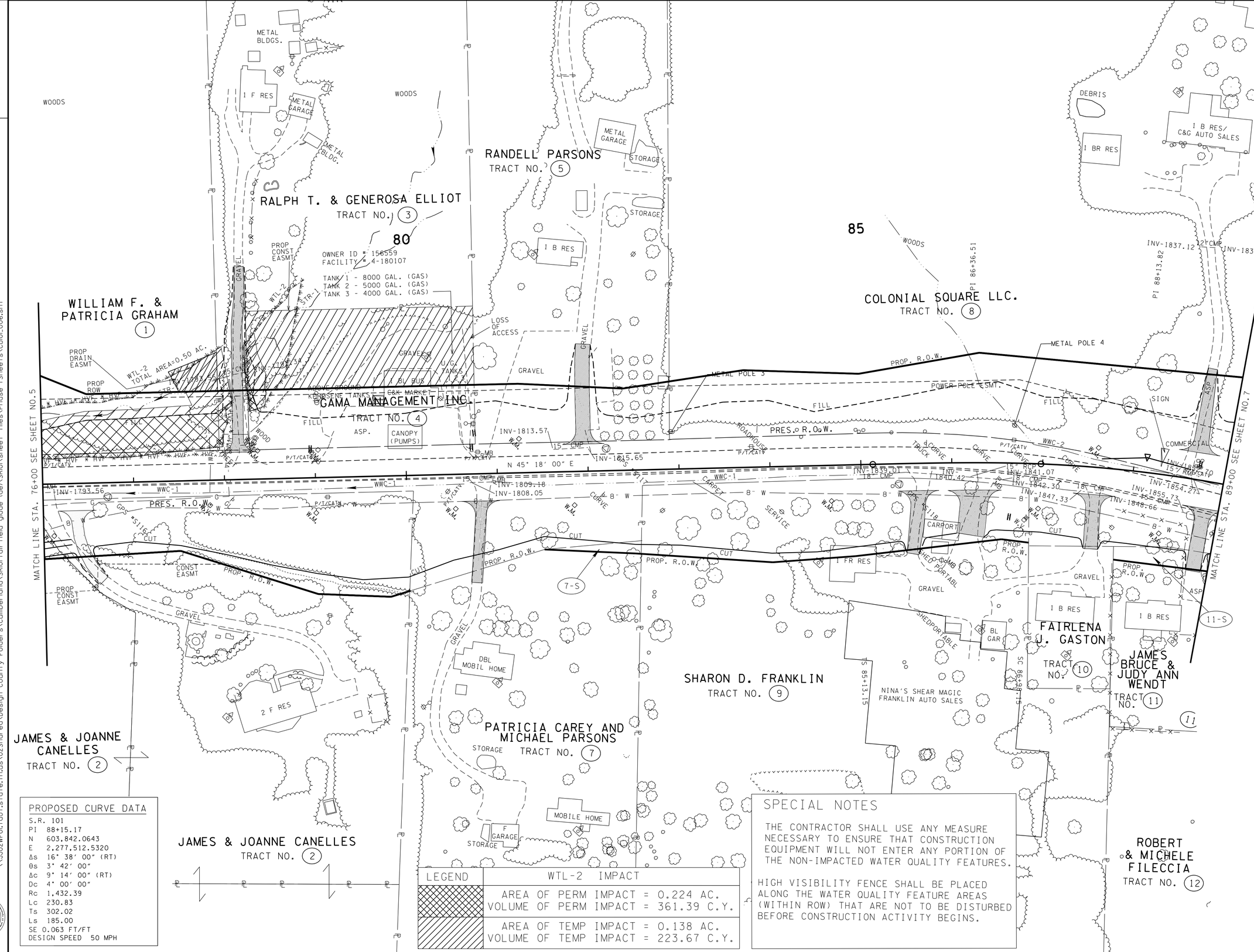
REV. 6-11-13 - REMOVED TRACT 9-S.

REV. 7-09-13 - REMOVED TRACT 8004.

REV. 03-08-16 - ADDED PROP ROW TRACT 7-S, 10-S, AND 11-S.REVISED TRACT 9,PROP SLOPE LINES, AND DRIVEWAYS

REV. 05-25-16 - REVISED DRIVEWAY AT STA 78+00.00LT.

REV. 06-08-16 - REVISED PROP ROW AND REMOVED TRACT 10-S PER ROW REQ.



PROPOSED CURVE DATA

S.R. 101
PI 88+15.17
N 603,842.0643
E 2,277,512.5320
Δs 16° 38' 00" (RT)
Θs 3° 42' 00"
Δc 9° 14' 00" (RT)
Dc 4° 00' 00"
Rc 1,432.39
Lc 230.83
Ts 302.02
Ls 185.00
SE 0.063 FT/FT
DESIGN SPEED 50 MPH

LEGEND	WTL-2 IMPACT
	AREA OF PERM IMPACT = 0.224 AC. VOLUME OF PERM IMPACT = 361.39 C.Y.
	AREA OF TEMP IMPACT = 0.138 AC. VOLUME OF TEMP IMPACT = 223.67 C.Y.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 76+00 TO STA. 89+00

SCALE: 1"= 50'

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Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	6A
CONST	2016	STP-101(16)	6A

REV. 1-27-11: CORRECTED LOSS OF ACCESS PATTERN, TRACT 4.
REV. 12-19-11: CHANGED TRACT 6 TO TRACT 2; ADDED Z BAR.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACT 5.

REV. 08-20-12 - LABELED ROW FEATURES & SLOPE FEATURES. ADDED 6'X4' BOX CULV. AND DRAINAGE ESMT TO TRACT 1.

REV. 09-24-12 - REPLACE CULVERT AT STA 78+00/ WITH 2 - 4' CULVERTS. ADDED CONST EASMT TO TRACT 2.

REV. 5-22-13 - UPDATE YEAR. ADDED CONST EASMT AND SLOPE EASMT TO TRACT 9. ADDED TRACT 2-S AND 2-S1.

REV. 5-29-13 - ADDED TRACT 8004.

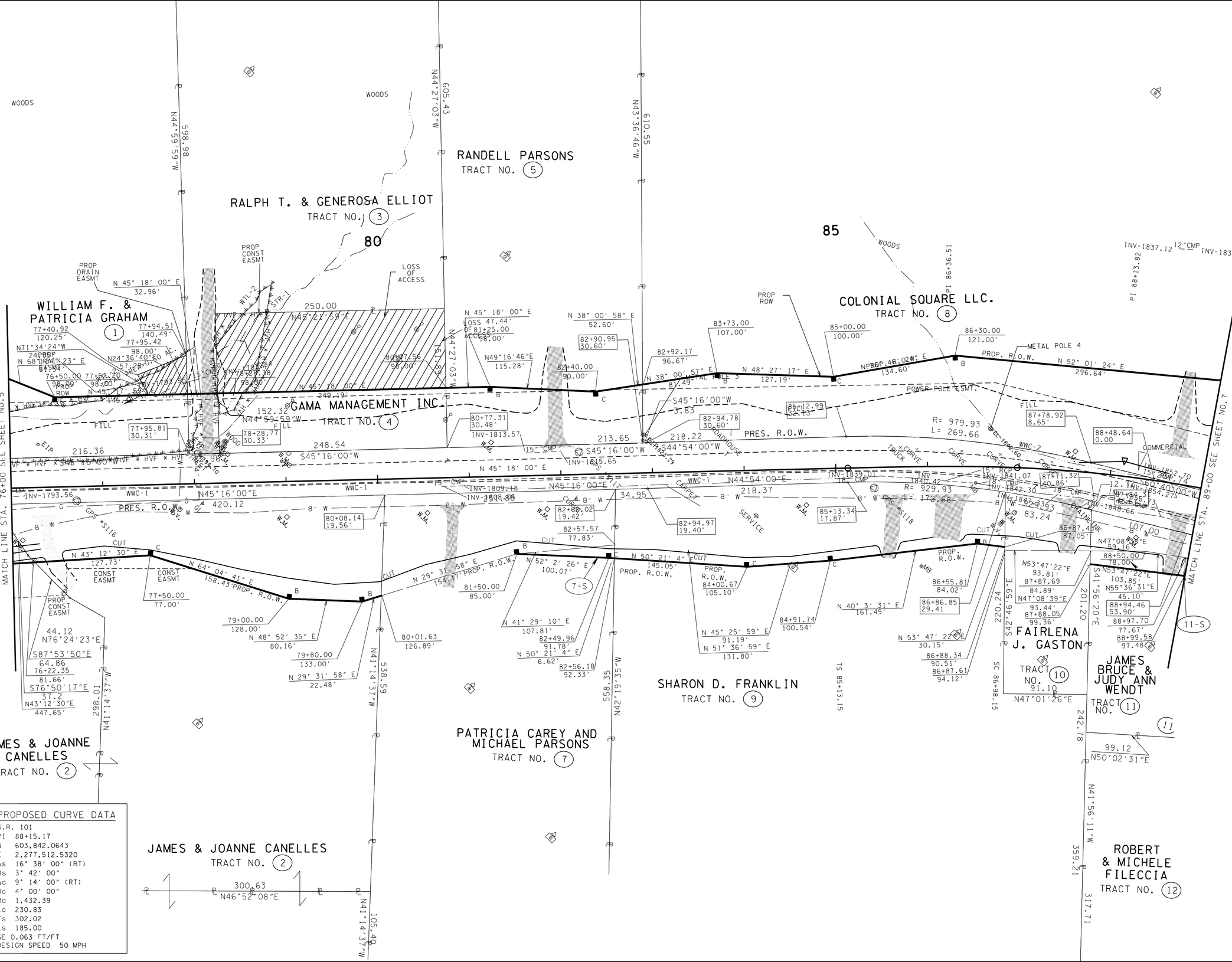
REV. 6-11-13 - REMOVED TRACT 9-S. REMOVED TRACT 2-S.

REV. 7-09-13 - REMOVED TRACT 8004.

REV. 03-08-16 - ADDED PROP ROW TRACT 7-S, 10-S, AND 11-S.REVISED TRACT 9,PROP SLOPE LINES, AND DRIVEWAYS.

REV. 05-25-16 - REVISED DRIVEWAY AT STA 78+00.00LT.

REV. 06-08-16 - REVISED PROP ROW AND REMOVED TRACT 10-S PER ROW REQ.



PROPOSED CURVE DATA

S.R.	101
PI	88+15.17
N	603,842.0643
E	2,277,512.5320
Δs	16° 38' 00" (RT)
θs	3° 42' 00"
Δc	9° 14' 00" (RT)
Dc	4° 00' 00"
Rc	1,432.39
Lc	230.83
Ts	302.02
Ls	185.00
SE	0.063 FT/FT
DESIGN SPEED	50 MPH

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

RIGHT-OF-WAY DETAILS

STA. 76+00 TO STA. 89+00

SCALE: 1"= 50'

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Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	6B
CONST	2016	STP-101(16)	6B

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURES.ADDED 6'X4' BOX CULV., PAVEMENT MARKINGS, SPECIAL NOTES, PROP. TREES, TEMP. IMPACT, RIP-RAP DETAIL, PROP. AND EXIST. CHANNEL, AND GRADED SOLID ROCK (STR-1B).

REV. 09-24-12 - REPLACE CULVERT AT STA 78+00/ WITH 2 - 4' CULVERTS. REMOVED PERM IMP. HATCHING NORTH OF PVT DRIVE ON WTL-2. REVISED S.D. LABEL ON DRIVEWAY AT STA. 78+15.29

REV. 10-24-12 - REMOVED STR-1B DETAIL AND TREE NOTES FROM SPECIAL NOTES PER ENV. REQ. ADDED NOTES AND DETAIL FOR TREES.

REV. 10-29-12 - REMOVED TREES AND TREE NOTES FOR DITCH PER ENV. REQUEST.

REV. 2-21-13 - ADDED TEMP IMPACT HATCHING FOR WTL-2 PER ENV REQ.

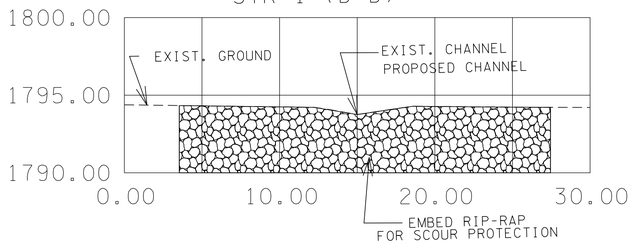
REV. 5-22-13 - UPDATE YEAR. REMOVED PVT MARKING. ADDED CROWN VETCH PATTERN. UPDATE ROADSIDE DITCHES. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONT REQ. ADDED PROP. GRADED SOLID ROCK.

REV. 1-15-16 - REVISED ITEM NO FOR CROWN VETCH PER CONST REQ.

REV. 03-08-16 - REVISED PROP DITCH AND PROP DRIVEWAYS PER CONST REQ.

REV. 05-25-16 - REVISED DRIVEWAY AT STA 78+00.00LT.

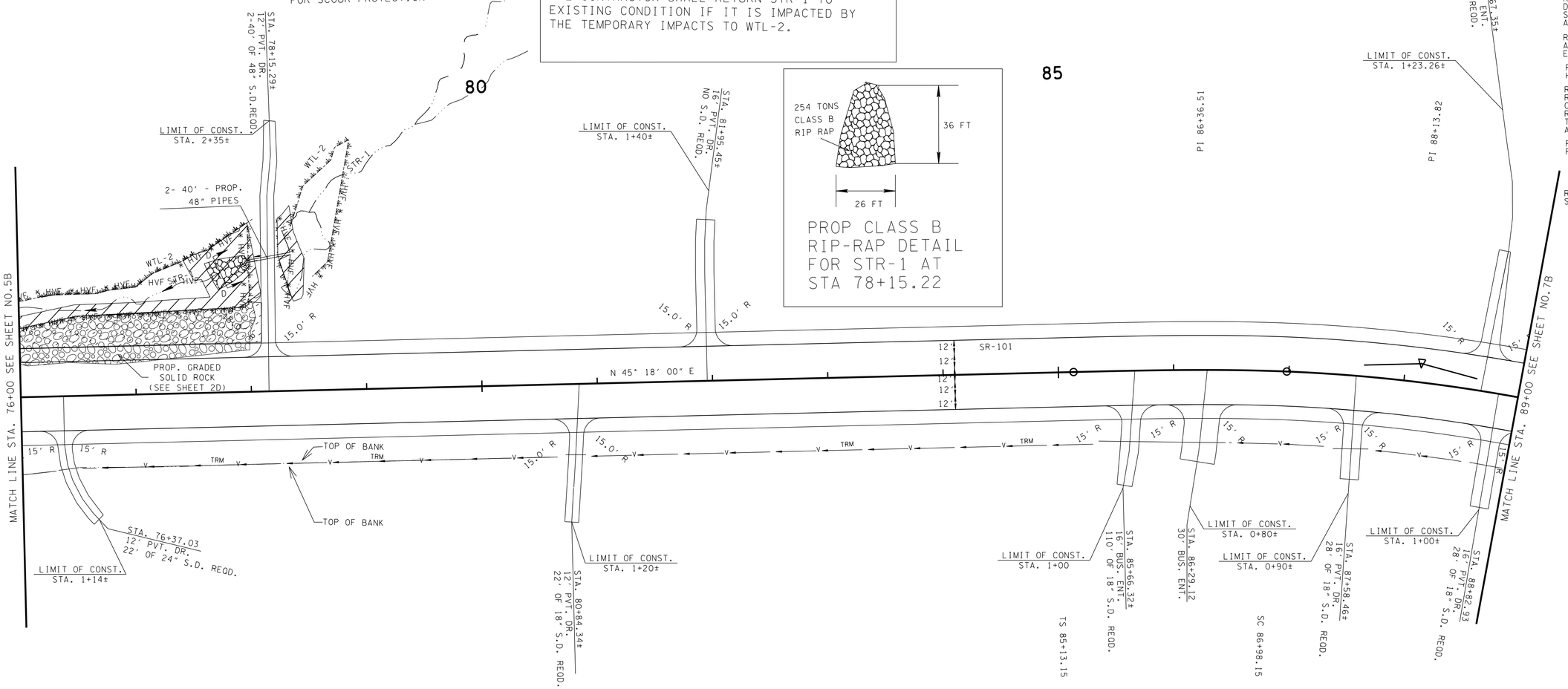
PROP. AND EXISTING CHANNEL STR-1 (D-D)



SPECIAL NOTES

RIP-RAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIP-RAP SHALL BE FILL WITH CREEK GRAVEL TO PREVENT LOSS OF STREAM WITHIN THE RIP-RAP AREAS. CREEK GRAVEL CAN BE REMOVED FROM THE CULVERT EXCAVATION AREA.

THE CONTRACTOR SHALL RETURN STR-1 TO EXISTING CONDITION IF IT IS IMPACTED BY THE TEMPORARY IMPACTS TO WTL-2.



PROPOSED CURVE DATA

S.R. 101
PI 88+15.17
N 603,842.0643
E 2,277,512.5320
Δs 16° 38' 00" (RT)
θs 3° 42' 00"
Δc 9° 14' 00" (RT)
Dc 4° 00' 00"
Rc 1,432.39
Lc 230.83
Ts 302.02
Ls 185.00
SE 0.063 FT/FT
DESIGN SPEED 50 MPH

ITEM NO. 801-02.01
CROWN VETCH MIXTURE
(W/O MULCH)

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 76+00 TO STA. 89+00

SCALE: 1"= 50'

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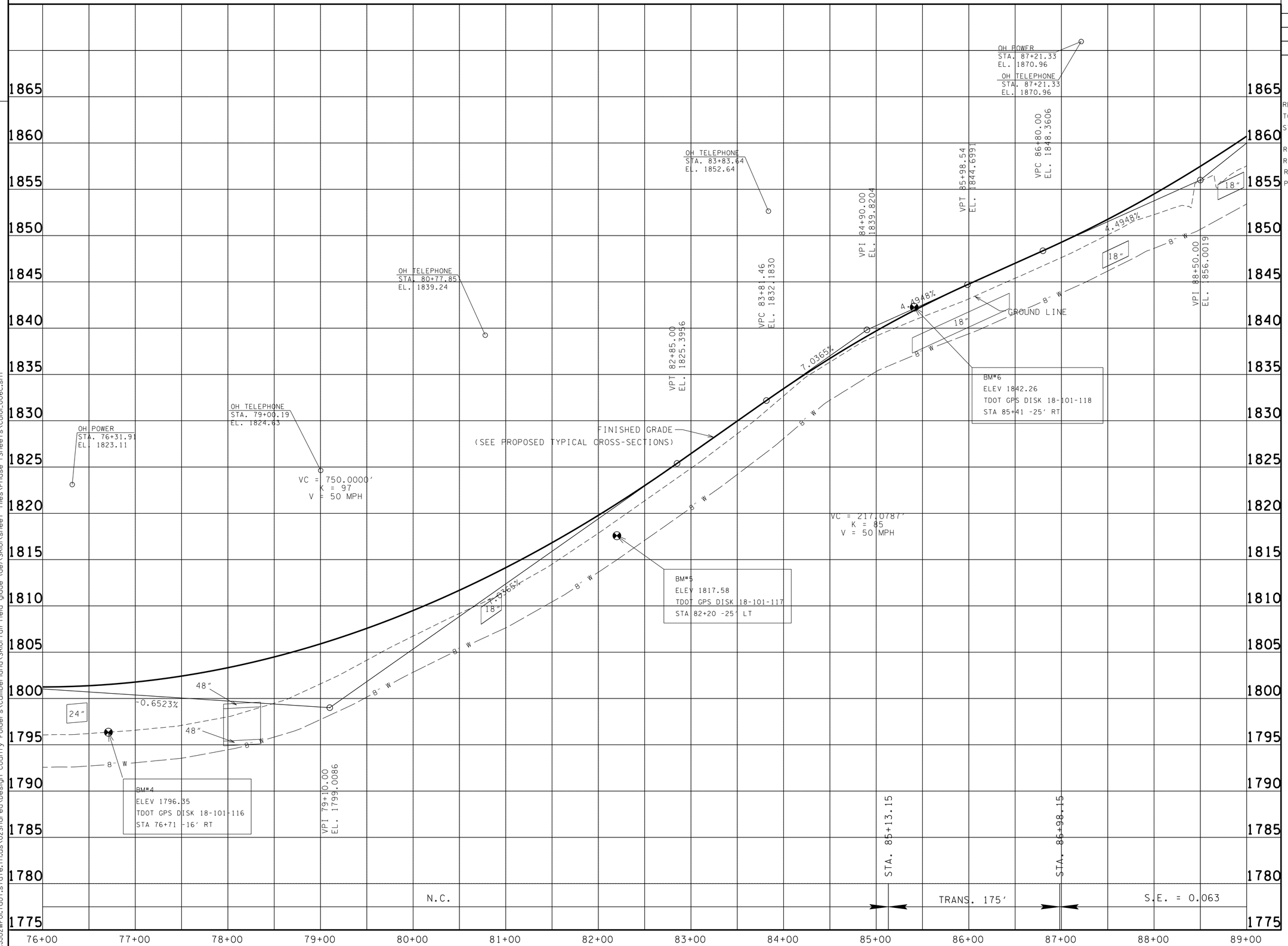
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	6C
CONST	2016	STP-101(16)	6C

REV. 08-20-12 - ADDED PROP. PIPES

REV. 09-24-12 - CHANGED 6X4 BOX CULV TO 2 PROP 48" PIPES. REVISED PIPE AT STA 86+00.00

REV. 5-22-13 - UPDATE YEAR. REMOVED CULVERT DATA INFO.
REV. 03-08-16 - REVISED VC PER CONST REQ.



SEALED BY

CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 76+00 TO STA. 89+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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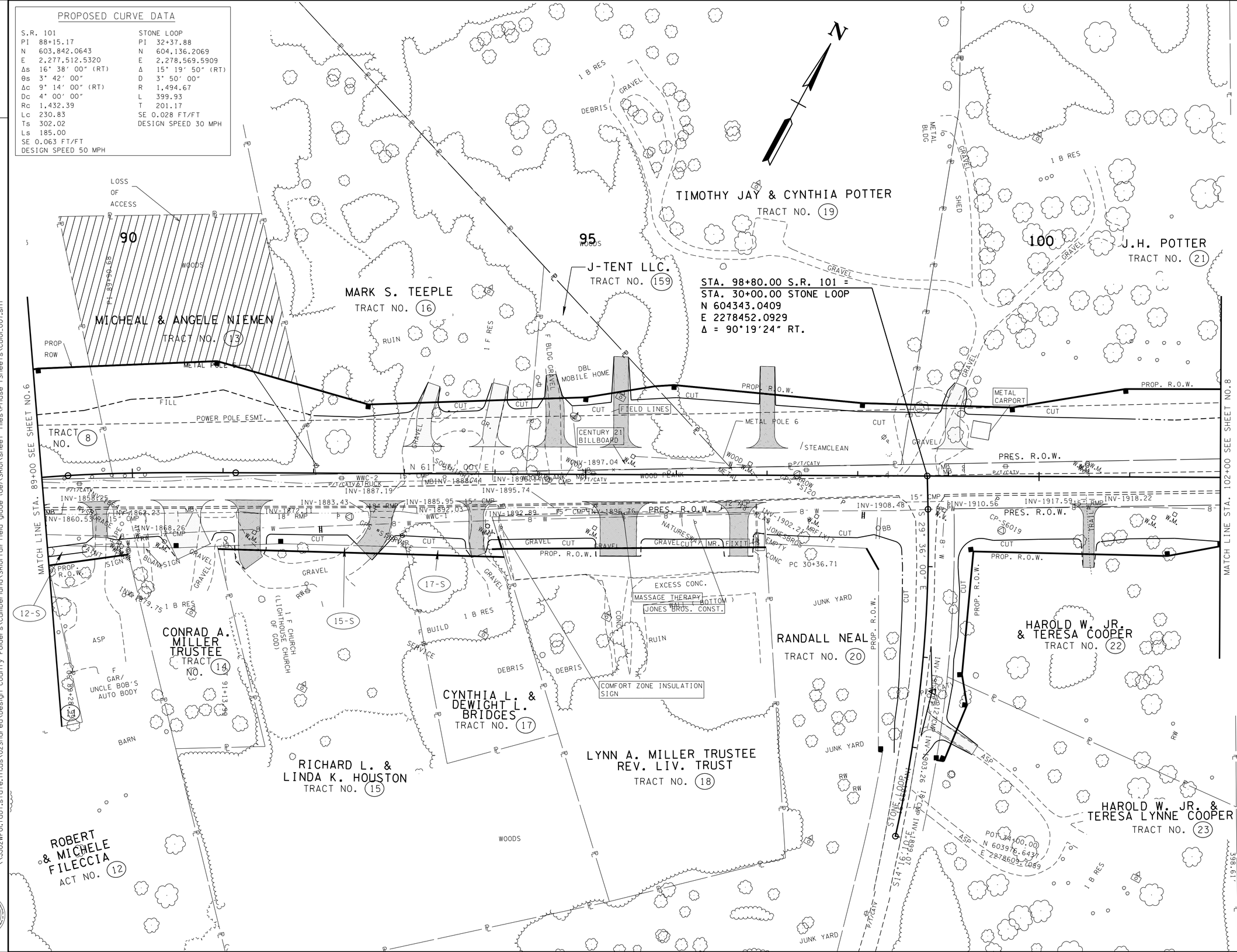
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

PROPOSED CURVE DATA

S.R. 101		STONE LOOP	
PI	88+15.17	PI	32+37.88
N	603,842.0643	N	604,136.2069
E	2,277,512.5320	E	2,278,569.5909
Δs	16° 38′ 00″ (RT)	Δ	15° 19′ 50″ (RT)
Θs	3° 42′ 00″	D	3° 50′ 00″
Δc	9° 14′ 00″ (RT)	R	1,494.67
Dc	4° 00′ 00″	L	399.93
Rc	1,432.39	T	201.17
Lc	230.83	SE 0.028 FT/FT	
Ts	302.02	DESIGN SPEED 30 MPH	
Ls	185.00		
SE 0.063 FT/FT			
DESIGN SPEED 50 MPH			



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	7
CONST	2016	STP-101(16)	7

REV. 1-27-11: LABELED PROP. R.O.W. CORRECTED LOSS OF ACCESS PATTERN, TRACT 13.
REV. 5-10-12: REMOVED MOBILE HOME ON TRACT 18. REMOVED SHED AND MOBILE HOME ON TRACT 20. ADDED SIGNS ON TRACTS 12, 14, 18, AND 159. ADDED CARPORT ON TRACT 16.
REV. 6-12-12: UPDAETD EAST PROPERTY LINE FOR TRACT 13.
REV. 7-12-12: LOCATED PIPE ON TRACT 14. LOCATED UTILITES ON TRACTS 14 AND 15. LOCATED SIGNS ON TRACTS 14, 16, 18, 19, 20, AND 159. LOCATED CONCRETE PAD AND UPDATED PARKING LOT ON TRACT 18. ADDED DRIVEWAY AT STA. 93+94.14, TRACT 16.

REV 7-24-12: ADDED CONST. ESMT. FOR TRACT 159.

REV 08-20-12: LABELED ROW FEATURES ADDED WWC-1 AND WWC-2.

REV 09-24-12: REVISED ALIGNMENT AND ADDED NORTH EASTING TO STONE LOOP ROAD. REVISED SLOPE LINES FROM 89+00 TO 97+50 REVISED PROP ROW ON TRACT 17,18 AND 20

REV 10-02-12: ADDED DRIVEWAYS TO TRACT 14 AND 17. REVISED PROP ROW ON TRACT 17.

REV 10-10-12: REMOVED CONST. ESMT. FOR TRACT 159.

REV 11-26-12: ADDED PVT DR AT STA. 97+00

REV 2-21-13: ADDED BUS ENT AT STA. 95+36.24 AND 96+69.24

REV 5-22-13: UPDATE YEAR. REVISED DRIVEWAY AT STA. 94+65.95 LT. ADDED DRIVEWAY TO TRACT 159. ADDED INFO TO EXIST. PIPE.

REV 03-08-16: REVISED TRACT 18,SLOPE LIN DRIVEWAYS, AND ADDED PROP ROW ON TRACT 12-S, 14-S,15-S, 17-S, 18-S, AND 20-S PER CONST REQ.

REV 06-08-16: REVISED PROP ROW AND REMOVED TRACT 14-S AND 20-S PER ROW REQ.

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 89+00 TO STA. 102+00

SCALE: 1"= 50′

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Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	7A
CONST	2016	STP-101(16)	7A

REV 1-27-11: CORRECTED LOSS OF ACCESS PATTERN, TRACT 13.
REV. 6-12-12: UPDATED EAST PROPERTY LINE FOR TRACT 13.
REV. 7-12-12: ADDED DRIVE STA. 93+94.14, TRACT 16.

REV 7-24-12: ADDED CONST. ESMT. FOR TRACT 159.

REV 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.

REV 09-24-12: REVISED ALIGNMENT, REVISED STA. AND OFFSETS, AND ADDED NORTH EASTING TO STONE LOOP ROAD. REVISED SLOPE LINE FROM 89+00 TO 97+50. REVISED PROP ROW ON TRACT 17,18, AND 20

REV 10-02-12: REPLACED BEARING AND DISTANCE AND STA & OFFSET TO PREVIOUS ON TRACT 17. ADDED DRIVEWAYS TO TRACT 14 & 18. REVISED STA & OFFSET ON TRACT 20

REV 10-10-12: CORRECTED BEARING & DISTANCE AND STA & OFFSET TO PROP ROW BETWEEN TRACT NOS 17 & 20. REMOVED CONST. ESMT FOR TRACT 159.

REV 11-26-12: ADDED PVT DR AT STA. 97+00

REV 2-21-13: ADDED BUS. ENT AT STA. 95+36.24 AND 96+69.24

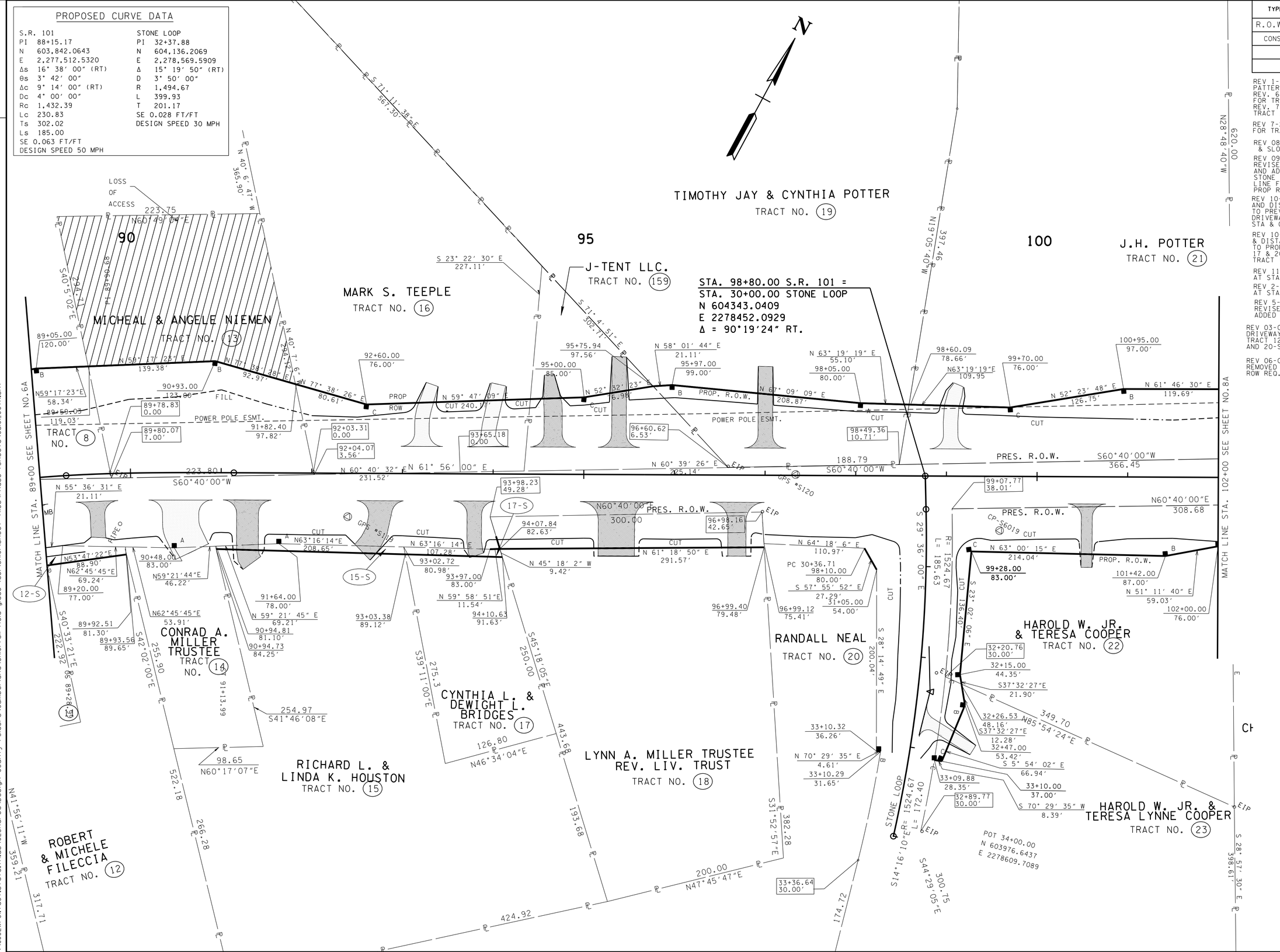
REV 5-22-13: UPDATE YEAR. REVISED DRIVEWAY AT STA.94+65.95 LT. ADDED DRIVEWAY TO TRACT 159.

REV 03-08-16: REVISED TRACT 18,SLOPE LINE, DRIVEWAYS, AND ADDED PROP ROW ON TRACT 12-S, 14-S,15-S, 17-S, 18-S, AND 20-S PER CONST REQ.

REV 06-08-16: REVISED PROP ROW AND REMOVED TRACT 14-S AND 20-S PER ROW REQ.

PROPOSED CURVE DATA

S.R. 101	STONE LOOP
PI 88+15.17	PI 32+37.88
N 603,842.0643	N 604,136.2069
E 2,277,512.5320	E 2,278,569.5909
Δs 16° 38′ 00″ (RT)	Δ 15° 19′ 50″ (RT)
θs 3° 42′ 00″	D 3° 50′ 00″
Δc 9° 14′ 00″ (RT)	R 1,494.67
Dc 4° 00′ 00″	L 399.93
Rc 1,432.39	T 201.17
Lc 230.83	SE 0.028 FT/FT
Ts 302.02	DESIGN SPEED 30 MPH
Ls 185.00	
SE 0.063 FT/FT	
DESIGN SPEED 50 MPH	



SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 89+00 TO STA. 102+00

SCALE: 1″= 50′

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

PROPOSED CURVE DATA

S.R. 101	STONE LOOP
PI 88+15.17	PI 32+37.88
N 603,842.0643	N 604,136.2069
E 2,277,512.5320	E 2,278,569.5909
Δs 16° 38′ 00″ (RT)	Δ 15° 19′ 50″ (RT)
Θs 3° 42′ 00″	D 3° 50′ 00″
Δc 9° 14′ 00″ (RT)	R 1,494.67
Dc 4° 00′ 00″	L 399.93
Rc 1,432.39	T 201.17
Lc 230.83	SE 0.028 FT/FT
Ts 302.02	DESIGN SPEED 30 MPH
Ls 185.00	
SE 0.063 FT/FT	
DESIGN SPEED 50 MPH	

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	7B
CONST	2016	STP-101(16)	7B

REV. 1-27-11: REMOVED R.O.W. MARKERS.
REV. 7-12-12: ADDED DRIVE STA. 93+94.14.

REV. 08-20-12 - LABELED & ADDED ENVIRONMENTAL FEATURES.ADDED PAVEMENT MARKINGS.

REV 09-24-12: REVISED ALIGNMENT AND ADDED NORTH EASTING TO STONE LOOP ROAD.

REV 10-02-12: ADDED DRIVEWAYS AT STA.90+54.86 & STA. 94+33.14.

REV 11-26-12: ADDED PRIVATE DR AT STA 97+00

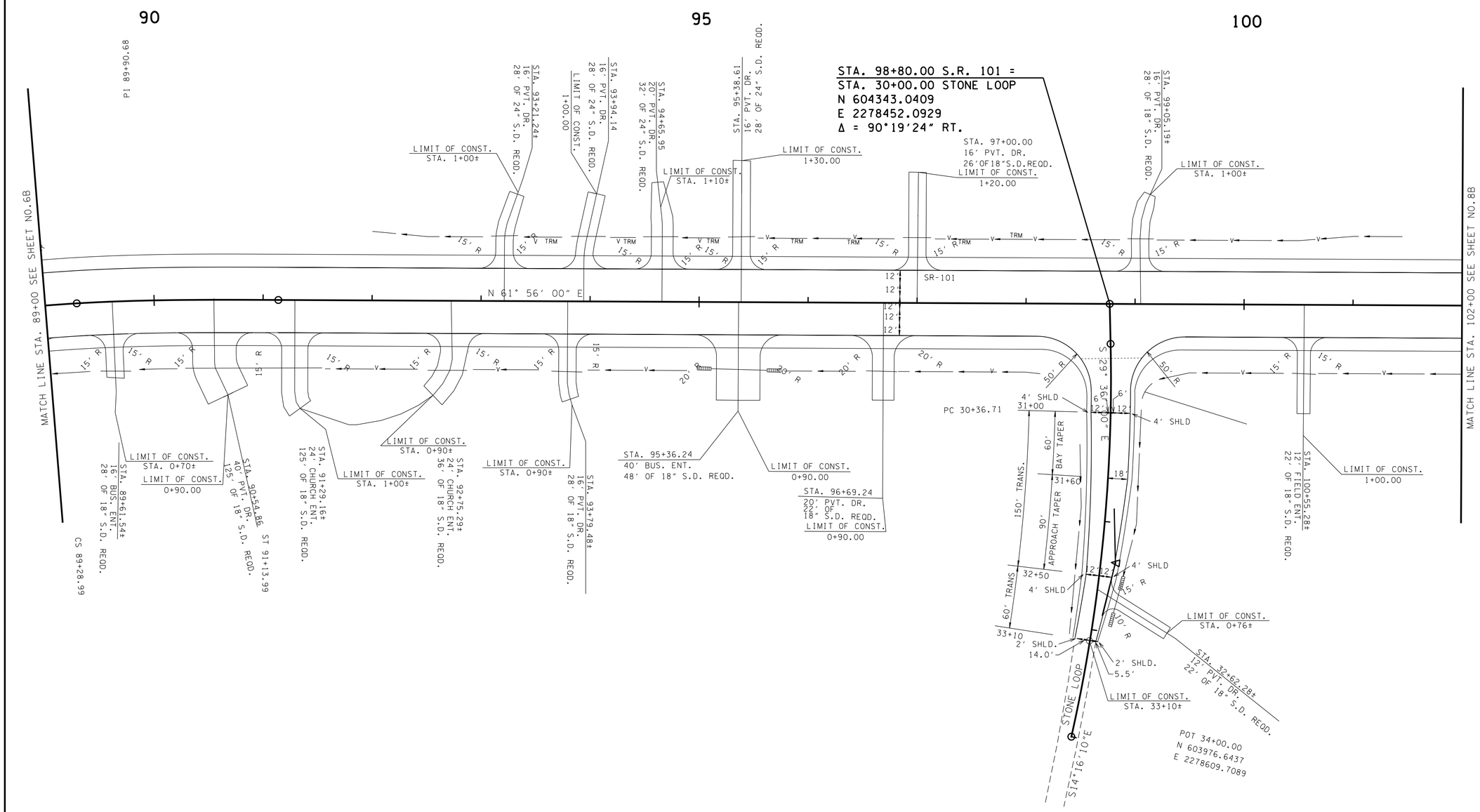
REV 2-21-13: ADDED BUS. ENT. AT STA 95+36.24 AND 96+69.24

REV 5-22-13: UPDATE YEAR. REMOVED PVT MARKING. REMOVED ENDWALLS FOR PIPES. REVISED DRIVEWAY AT STA. 94+65.95 LT. ADDED DRIVEWAY AT STA.95+38.61. ADDED CROWN VETCH PATTERN. UPDATE ROADSIDE DITCHES. REVISE 10′ DRIVEWAYS TO 12′ DRIVEWAYS PER CONST REQ.

REV 1-15-16: REVISED ITEM NO FOR CROWN VETCH PER CONST REQ.

REV 03-08-16: REVISED PROP DITCH AND PROP DRIVEWAYS PER CONST REQ.

REV 05-25-16: REMOVED CROWN VETCH MIXTURE.



SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 89+00 TO STA. 102+00

SCALE: 1″= 50′

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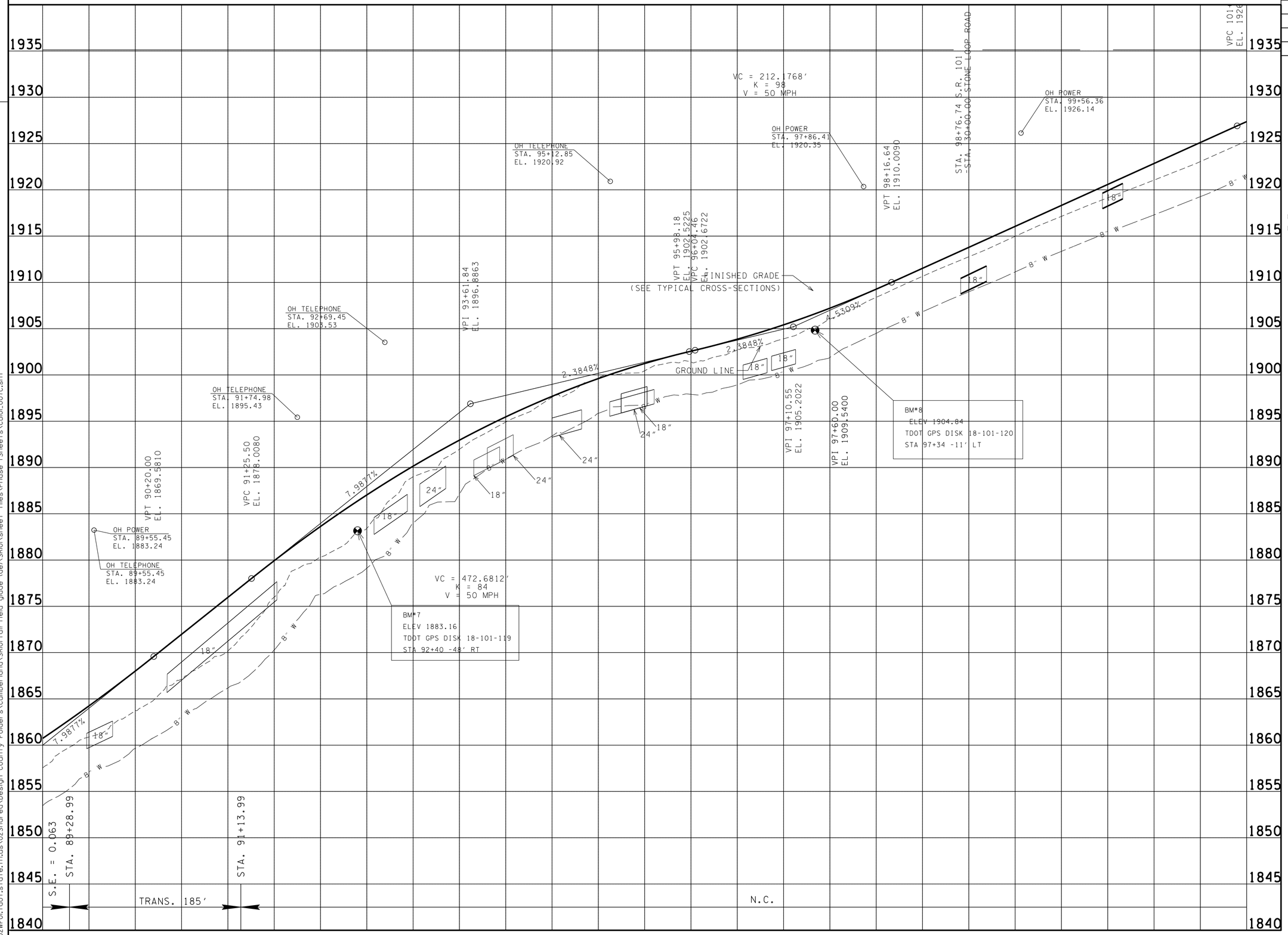
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	7C
CONST	2016	STP-101(16)	7C



REV. 08-20-12 - ADDED PROP. PIPES
REV. 09-24-12 - REVISED S.D.
PIPE AT STA. 91+00±
REV. 10-02-12 - REVISED S.D AT
STA. 91+00 AND STA 94+33.14
REV. 11-26-12 - ADDED PROP
S.D. AT 97+00.
REV. 2-21-13 - REVISED S.D. LOCATION
TO STA 95+36.24.
REV. 5-22-13 - UPDATE YEAR.
REVISED S.D. TO STA 94+65.95.
REV. 1-15-16 - ADDED S.D. TO STA 95+38
PER CONST REQ.
REV. 03-08-16 - REVISED VC
PER CONST REQ.

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CONSTRUCTABILITY
FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 89+00 TO STA. 102+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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

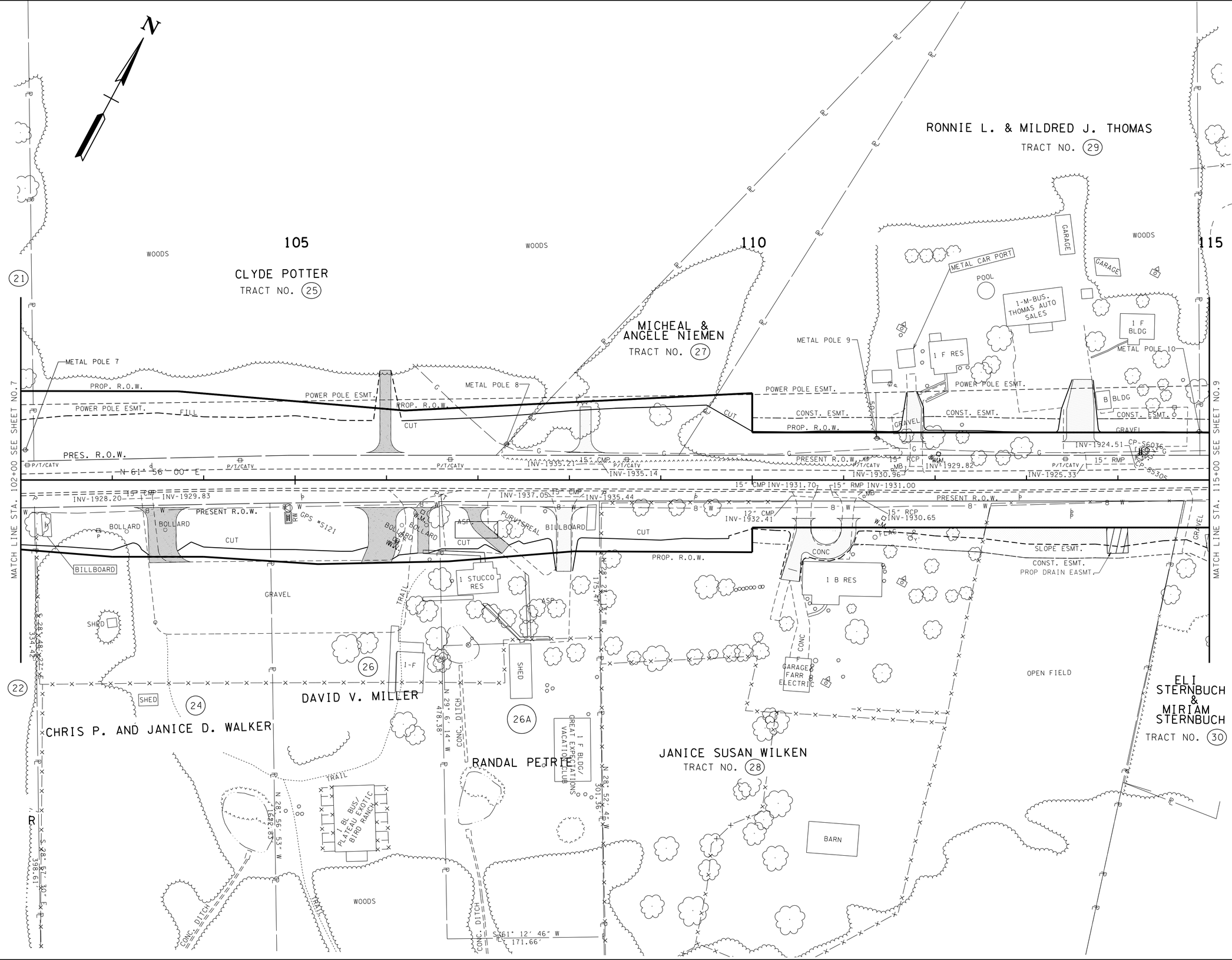
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	8
CONST	2016	STP-101(16)	8

REV. 1-27-11: LABELED PROP. R.O.W., SLOPE, DRAINAGE, & CONST. ESMT.
REV. 10-26-11: SHOWED PERMANENT DRAINAGE EASEMENT, TRACT 28.
REV. 12-19-11: UPDATED PROPERTY LINE FOR TRACT 24. DIVIDED TRACT 26 INTO TRACTS 26 AND 26A.
REV. 5-10-12: LOCATED EXISTING R.O.W. FOR TRACT 24. CORRECTED PROPERTY OWNER NAME AND LOCATED STRUCTURE ON TRACT 26. ADDED BILLBOARD ON TRACT 24. ADDED DRIVEWAY AND PARKING LOT FOR TRACT 26A. ADDED METAL CARPORT, 1 STORY METAL BUILDING, AND PARKING LOT ON TRACT 29.
REV. 6-12-12: MOVED DRIVE FROM STA. 105+98.78 TO STA. 105+95.23. MOVED DRIVE FROM STA. 106+53.78 TO STA. 106.40.23. ADDED DRIVES TO STA. 106+95.30 AND 107.93.90.
REV. 7-12-12: LOCATED BOLLARDS ON TRACTS 24 AND 26. LOCATED SIGN ON TRACT 26A. UPDATED DRIVE ON TRACT 26A. LOCATED GARAGES ON TRACT 29.

REV. 08-20-12: LABELED ROW FEATURES. REMOVED BEARING AND DISTANCES, STA. AND OFFSET, PROP. STORM DRAIN SYSTEM.

REV. 5-22-13: UPDATE YEAR. ADDED TRACTS 21 & 22. REVISED PROPERTY OWNERS NAME FOR TRACT 30. REMOVE EXIST PIPE AT STA.115+00RT.

REV. 03-08-16: REVISED PROP SLOPE LINES,AND DRIVEWAYS PER CONST REQ.



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CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 102+00 TO STA. 115+00

SCALE: 1"= 50'

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Survey & Design Division

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

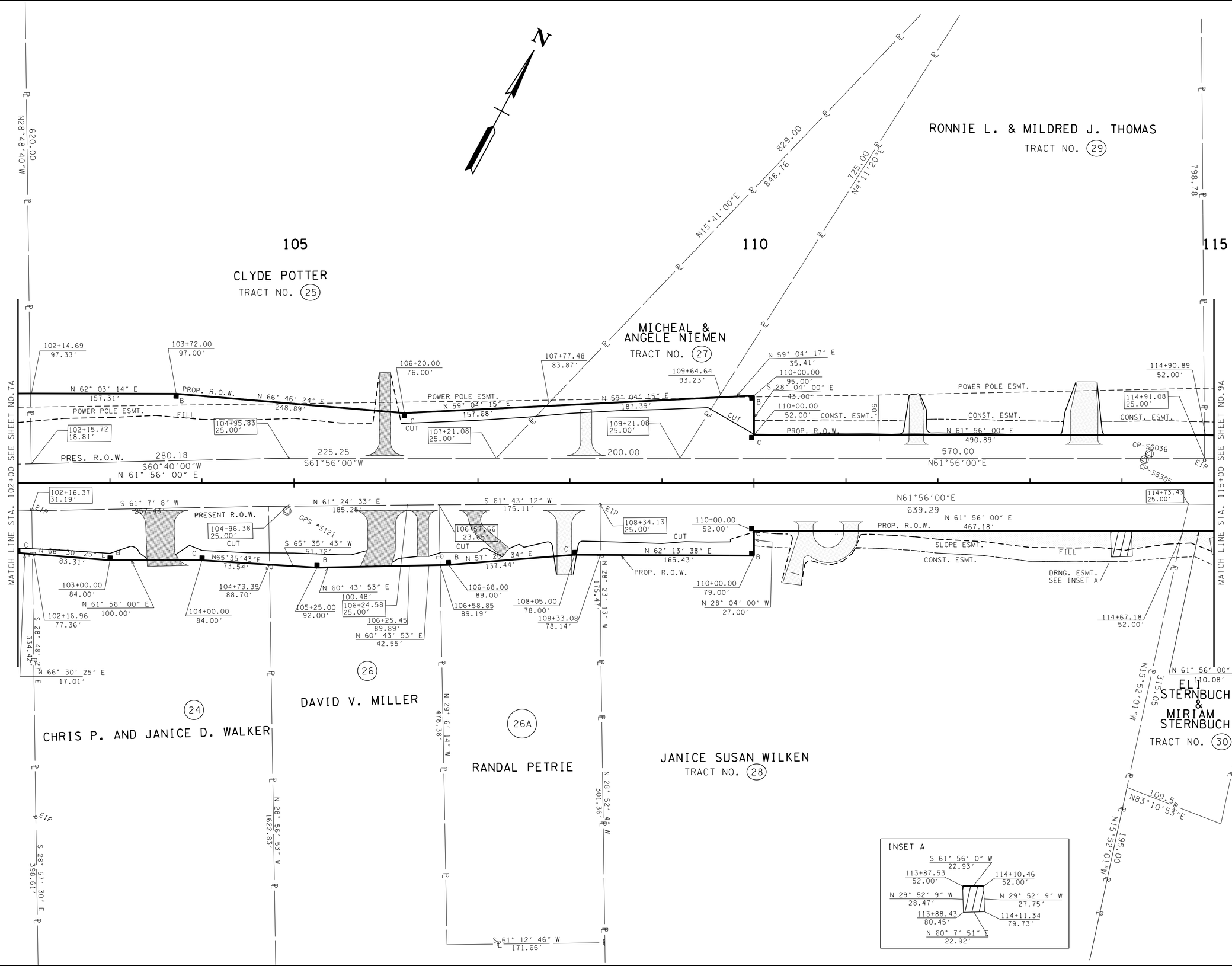
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	8A
CONST	2016	STP-101(16)	8A

REV. 1-27-11: LABLED SLOPE AND CONST. EASEMENTS. REMOVED CONST. EASEMENT PATTERN.
REV. 12-19-11: UPDATED PROPERTY LINE FOR TRACT 24.. DIVIDED TRACT 26 INTO TRACT 26 AND 26A.
REV. 5-10-12: LOCATED EXISTING R.O.W. FOR TRACT 24. CORRECTED PROPERTY OWNER NAME FOR TRACT 26. LABELED STATION/OFFSETS FOR PROP. R.O.W., TRACT 26.
REV. 6-12-12: MOVED DRIVE FROM STA. 105+98.78 TO STA. 105+95.23. MOVED DRIVE FROM STA. 106+53.78 TO STA. 106+40.23. ADDED DRIVES TO STA. 106+95.30 AND 107+93.90.

REV. 08-20-12: LABLED ROW FEATURES & SLOPE FEATURES.

REV. 5-22-13: UPDATE YEAR. REVISED PROPERTY OWNERS NAME FOR TRACT 30.

REV. 03-08-16: REVISED PROP SLOPE LINES,AND DRIVEWAYS PER CONST REQ..



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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 102+00 TO STA. 115+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	8B
CONST	2016	STP-101(16)	8B

REV. 6-12-12: MOVED DRIVE FROM STA. 105+98.78 TO STA. 105+95.23. MOVED DRIVE FROM STA. 106+53.78 TO STA. 106+40.23. ADDED DRIVES AT STA. 106+95.30 AND 107+93.90. ADDED DITCH FROM STA.108+25 TO STA. 109+50 RT.

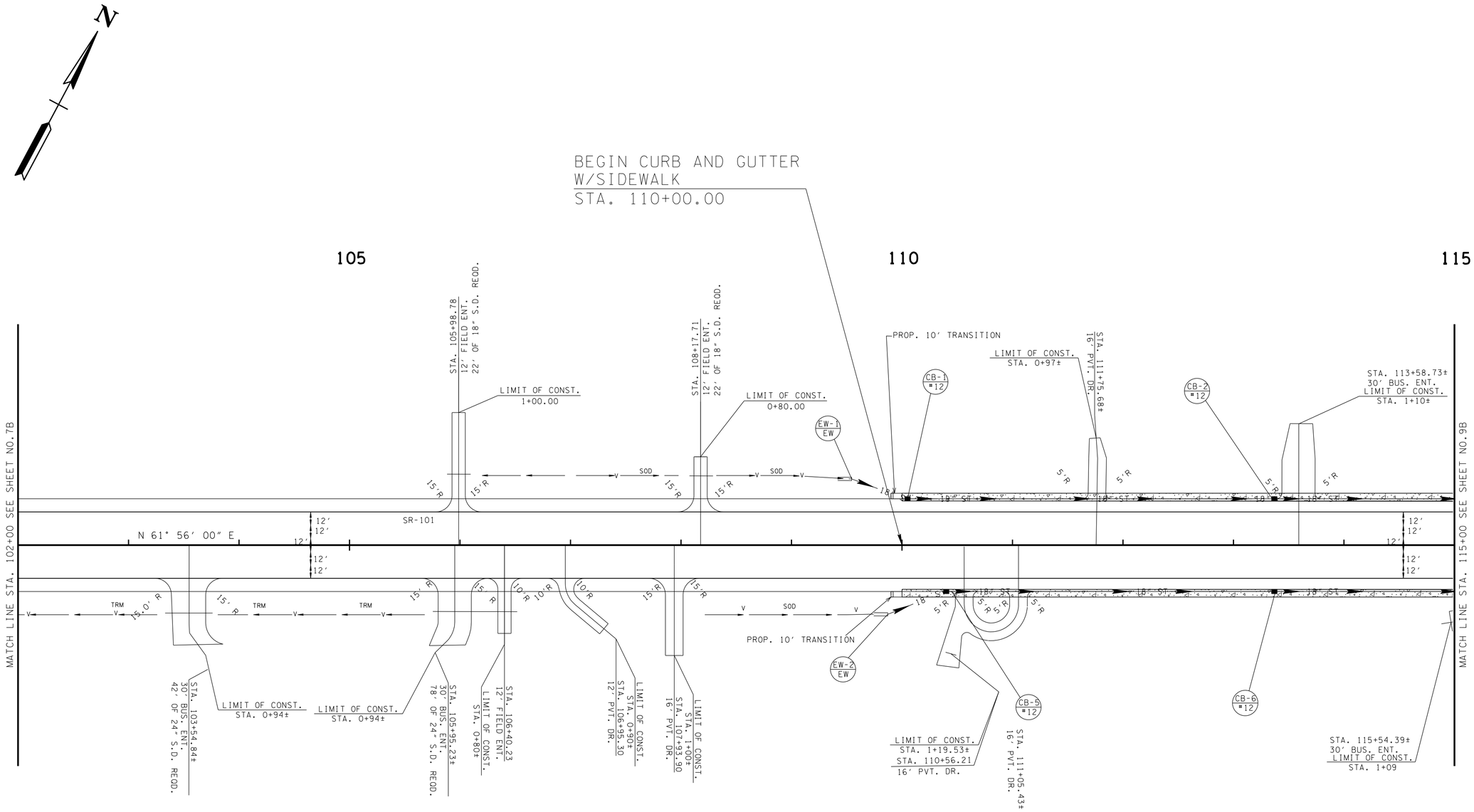
REV. 08-20-12 - ADDED PAVEMENT MARKINGS.

REV. 09-24-12 - REMOVED DUPLICATE PAVMT MARKING DETAIL.

REV. 11-26-12 - ADDED LABELS AND REVISED STORM SYSTEM.

REV. 5-22-13 - UPDATE YEAR. ADDED STORM SYSTEM TABLE. REMOVED PVMT MARKINGS. REVISE PIPE ENDWALLS. ADDED PROP 10' TRANSITION. UPDATE ROADSIDE DITCHES. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.

REV. 03-08-16 - REVISED DITCH AND DRIVEWAYS PER CONST REQ.



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
9B	EW-3	SR101	115+76.00	62.22			1917.98
9B	CB-7	SR101	115+93.00	41	IN. EL. 1918.73 (CB-3) IN. EL. 1918.73 (CB-6)	1924.06	1918.23
9B	CB-3	SR101	115+93.00	-41	IN. EL. 1920.34 (CB-2)	1924.1	1920.34
8B	CB-6	SR101	113+37.00	41	IN. EL. 1924.32 (CB-5)	1928.07	1924.32
8B	CB-2	SR101	113+37.00	-41	IN. EL. 1924.32 (CB-1)	1928.07	1924.32
8B	CB-5	SR101	110+40.00	41	IN. EL. 1929.16 (EW-2)	1933.38	1929.16
8B	CB-1	SR101	110+05.00	-41	IN. EL. 1930.23 (EW-1)	1934.01	1930.23
8B	EW-2	SR101	109+87.00	62.71	1929.39		
8B	EW-1	SR101	109+54.50	-59.89	1930.44		

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 102+00 TO STA. 115+00

SCALE: 1"= 50'

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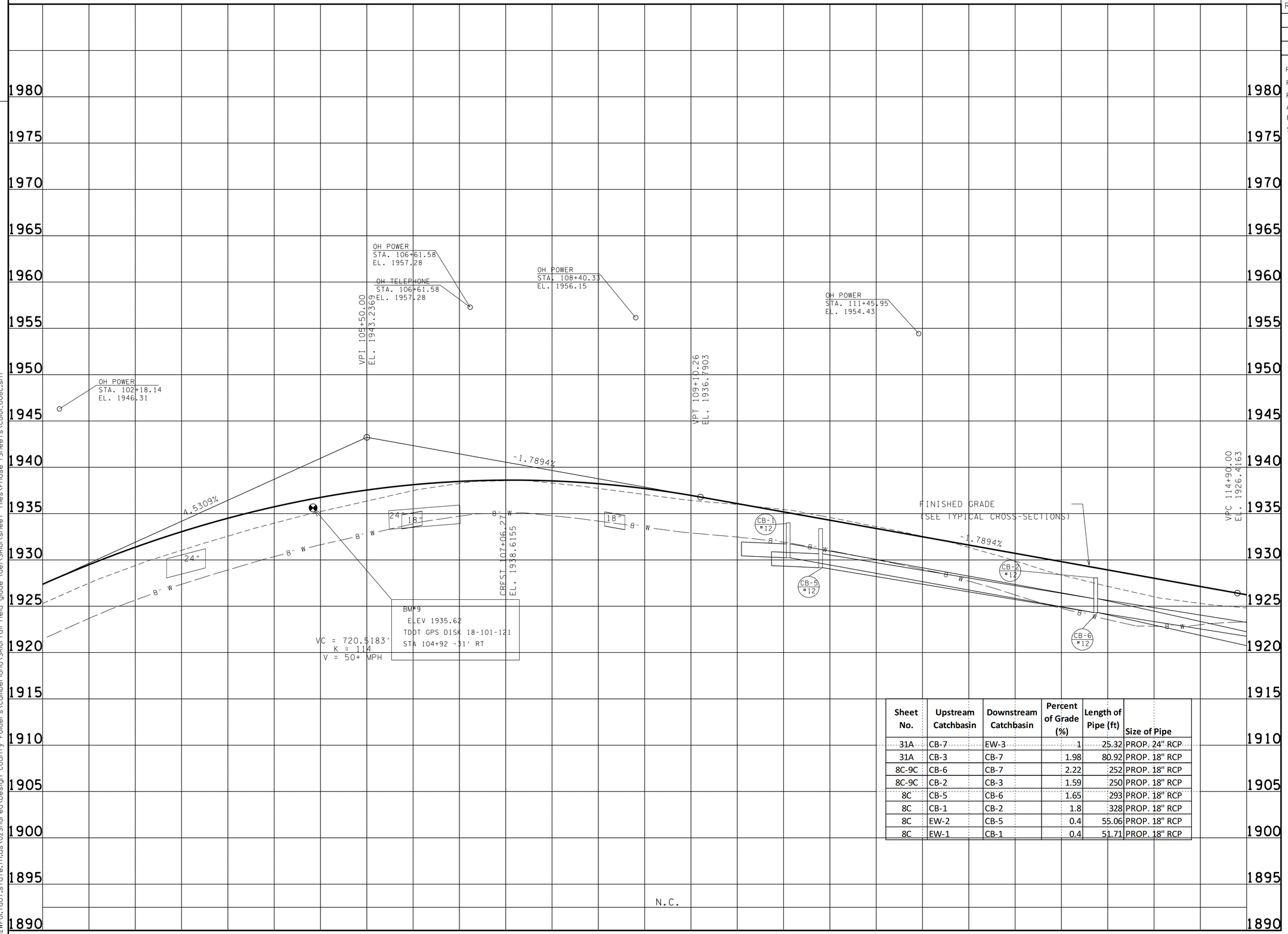
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	8C
CONST	2016	STP-101(16)	8C

REV. 08-20-12 - ADDED PROP. PIPES.
REV.11-26-12- ADDED STORM SYSTEM
REV.5-22-13- UPDATE YEAR.
ADDED PIPE TABLE.
REV.1-15-16- REMOVED S.D. AT
STA.107+93RT PER CONST REQ.
REV.03-08-16- REVISED VC
PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31A	CB-7	EW-3	1	25.32	PROP. 24" RCP
31A	CB-3	CB-7	1.98	80.92	PROP. 18" RCP
8C-9C	CB-6	CB-7	2.22	252	PROP. 18" RCP
8C-9C	CB-2	CB-3	1.59	250	PROP. 18" RCP
8C	CB-5	CB-6	1.65	293	PROP. 18" RCP
8C	CB-1	CB-2	1.8	328	PROP. 18" RCP
8C	EW-2	CB-5	0.4	55.06	PROP. 18" RCP
8C	EW-1	CB-1	0.4	51.71	PROP. 18" RCP

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FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 102+00 TO STA. 115+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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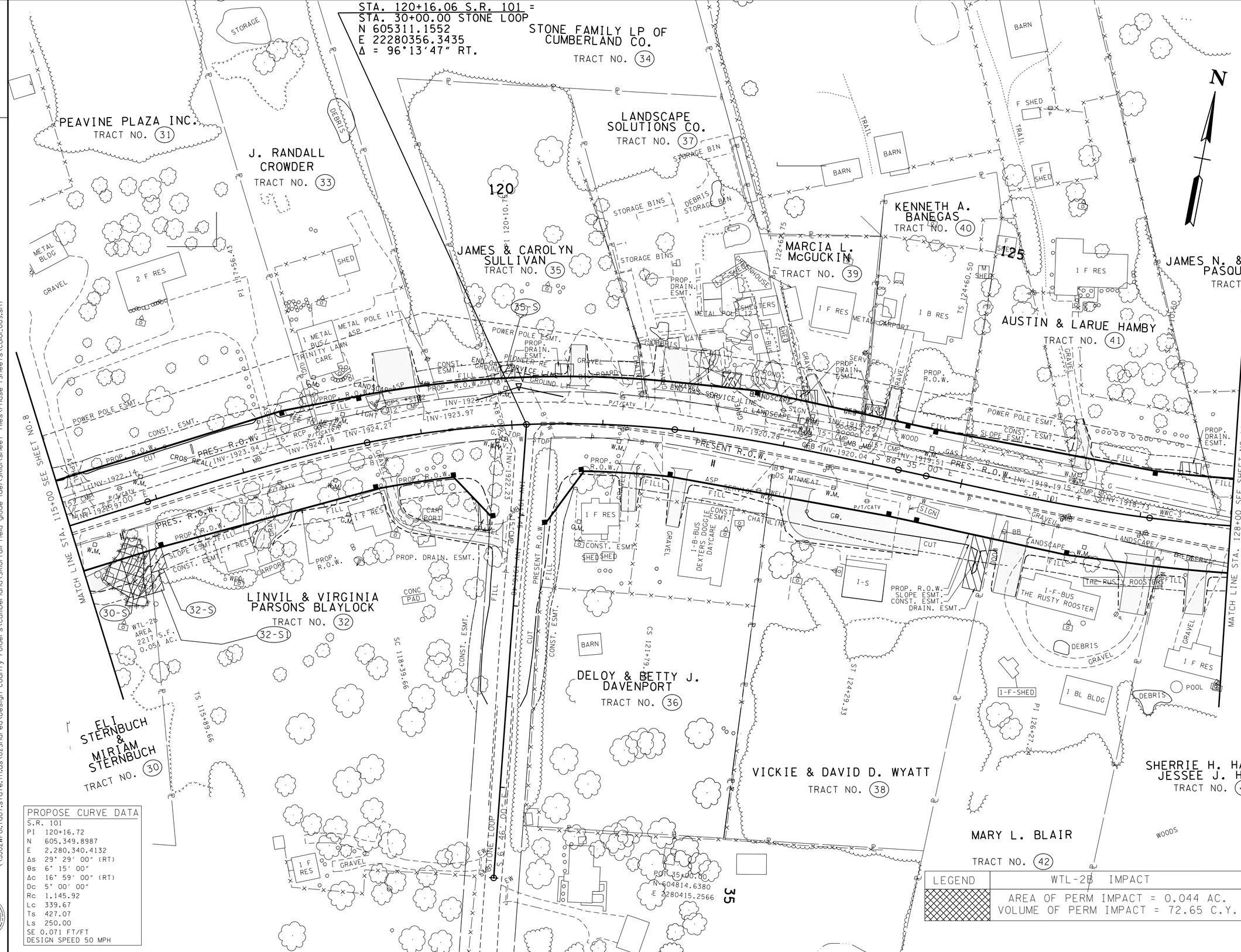
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	9
CONST	2016	STP-101(16)	9

STA. 120+16.06 S.R. 101 =
STA. 30+00.00 STONE LOOP
N 605311.1552
E 22280356.3435
Δ = 96°13′47″ RT.



REV. 1-27-11: LABELED PROPOSED R.O.W., SLOPE, CONST., & DRAINAGE EASEMENTS.
REV. 5-10-12: REMOVED BUILDINGS ON TRACT 30, 31, 33, 35, 36, 37, AND 38. ADDED SIGN TO TRACT 35. UPDATED BUILDING AND PARKING LOT ON TRACT 36. ADDED BUILDING, PARKING AREA, AND SIGN TO TRACT 38. ADDED SHED AND PARKING LOT TO TRACT 39. ADDED SHED AND SIGN AND WIDENED DRIVES ON TRACT 42. MOVED DRN. ESMT. ON TRACT 38.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACTS 39, 42, AND 43. UPDATED BUILDINGS ON TRACT 37. UPDATED LIMIT OF CONST. FOR DRIVE AT STA. 125+00. MOVED DRIVE FROM STA. 121+69.60 TO STA. 121+64.41. ADDED DRIVE AT STA. 122+09.44.
REV. 7-12-12: UPDATED DRIVES ON TRACTS 31 AND 37. LOCATED SIGNS ON TRACTS 31, 33, 35, 37, AND 42. LCOATED UTILITIES ON TRACTS 35, 36, 37, AND 39. LOCATED POND ON TRACT 37.
REV. 7-24-12: ADDED CONST. ESMT. TO TRACT 36.
REV. 7-27-12: REVISED DRIVEWAY AT STA. 123+30. ADDED FUTURE PARKING LOT.
REV. 8-08-12: REMOVED TRACT 36 DRIVEWAY.
ADDED ENGINEER SEAL BOX.
REV. 08-20-12: ADDED WTL-2B, PERM. IMPACT TABLE. AND WWC-3. REMOVE PROP. STORM DRAIN SYSTEM LABELED ROW FEATURES.
REV. 09-24-12: REMOVED PVT DRIVE ON TRACT 38 AND REPLACED WITH ORIGINAL DRIVEWAY AT STA. 125+00± ADDED NORTH AND EASTING TO STONE LOOP ROAD. REVISED TEMP AND PERM IMPACT TO WTL-2B PER ENV. REQ.
REV. 11-26-12: ADDED DRAIN EASMTS TO TRACT 30-S,32-S,35-S,&37
REV. 11-30-12: REMOVE 2 BUS. ENT FROM TRACT 37 AND ADDED ONE 40′ BUS. ENT
REV. 12-18-12: REVISED SLOPE LINES ON TRACT 38.
REV. 1-16-13: REMOVED DRAIN EASMT FROM TRACT 37.
REV. 1-17-13: REVISED WTL-2B PER ENV. REQ.
REV. 5-22-13: UPDATE YEAR.
REVISED PROPERTY OWNER FOR TRACT 30. REMOVED DRIVEWAY ON TRACT 38 AND ADDED DRIVEWAY AT STA.123+30.00. ADDED INFO FOR EXIST. PIPES.
REV. 6-11-13: REMOVED TRACT 30-S1.

PROPOSE CURVE DATA
S.R. 101
PI 120+16.72
N 605,349.8987
E 2,280,340.4132
Δs 29° 29′ 00″ (RT)
θs 6° 15′ 00″
Δc 16° 59′ 00″ (RT)
Dc 5° 00′ 00″
Rc 1,145.92
Lc 339.67
Ts 427.07
Ls 250.00
SE 0.071 FT/FT
DESIGN SPEED 50 MPH

LEGEND	WTL-2B IMPACT
	AREA OF PERM IMPACT = 0.044 AC. VOLUME OF PERM IMPACT = 72.65 C.Y.

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 115+00 TO STA. 128+00

SCALE: 1″= 50′

Survey & Design Division

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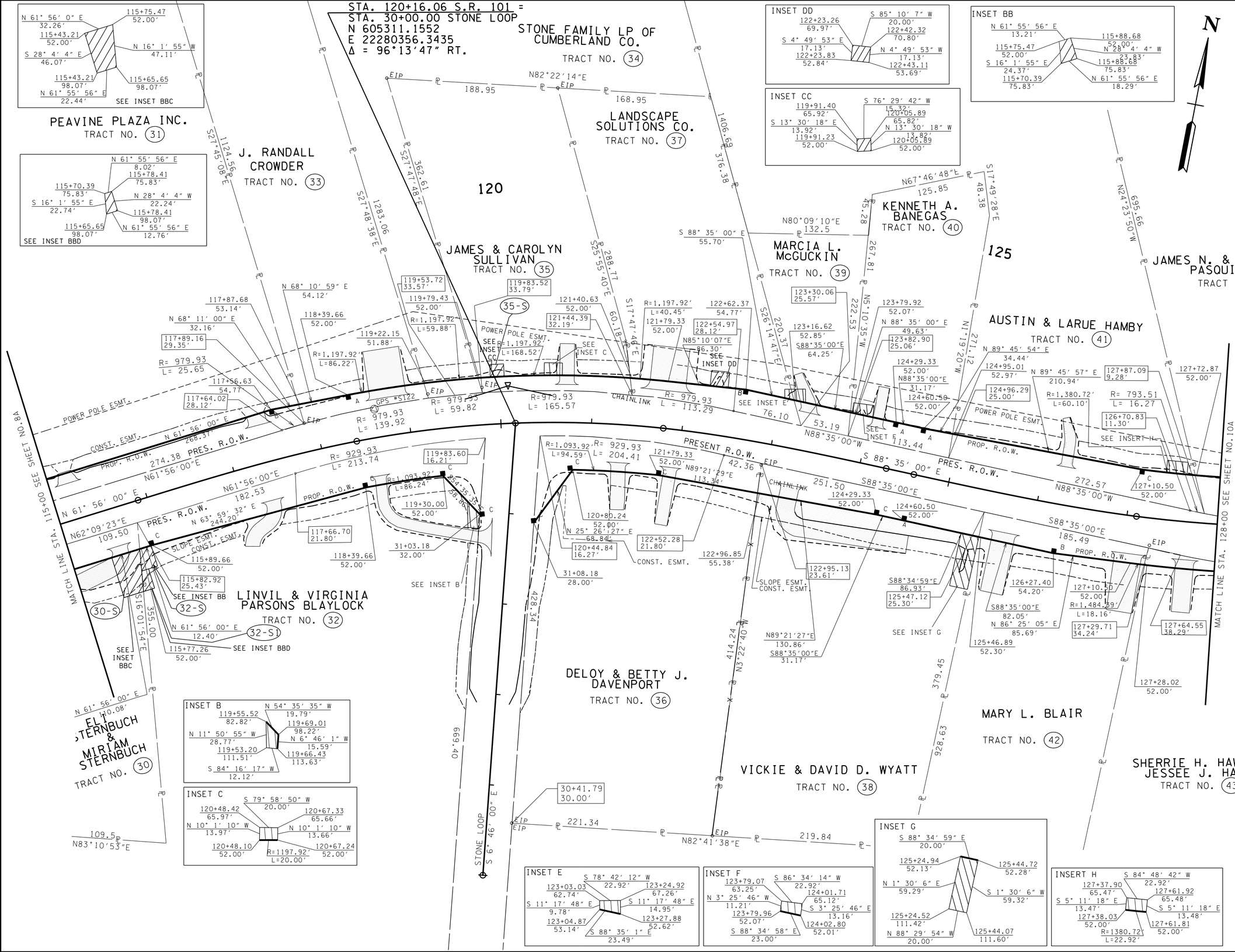
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	9A
CONST	2016	STP-101(16)	9A

REV. 1-27-11: REMOVED CONST. ESMT. PATTERN. LABELED PROP. R.O.W., SLOPE & CONST. EASEMENTS.
REV.5-10-12: CORRECTED BEARING/DISTANCE FLAGS FOR PROPOSED R.O.W. ON TRACT 40. WIDENED DRIVES ON TRACT 42. MOVED DRN. ESMT. ON TRACT 38.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACTS 39, 42, AND 43. CORRECTED LABELS FOR DRN. ESMT. IN INSET G. UPDATED LIMITS OF CONST. FOR DRIVE AT STA. 125+00 MOVED DRIVE FROM STA. 121+69.60 TO STA. 121+64.41. ADDED DRIVE AT STA. 122+09.44.

REV. 7-24-12: ADDED CONST. ESMT. TO TRACT 36.

REV. 7-27-12: REVISED INSET G DRN. ESMT. REVISED DRIVEWAY AT STA. 123+30 AND ADDED FUTURE PARKING LOT.

REV. 8-08-12: REMOVED TRACT 36 DRIVEWAY. ADDED ENGINEER SEAL BOX.

REV. 08-20-12: LABELED R.O.W. FEATURES & SLOPE FEATURES.

REV. 09-24-12: REMOVED PVT DRIVE ON TRACT 38 AND REPLACED WITH ORIGINAL DRIVEWAY AT STA. 125+00±

REV. 11-26-12: ADDED DRAIN EASMTS TO TRACT 30-S,32-S,35-S,&37

REV. 11-30-12: REMOVE 2 BUS. ENT FROM TRACT 37 AND ADDED ONE 40' BUS. ENT

REV. 12-18-12: REVISED SLOPE LINES ON TRACT 38.

REV. 1-16-13: REMOVED DRAIN EASMT FROM TRACT 37.

REV. 5-22-13: UPDATE YEAR. REVISE TRACT 42 OWNER'S NAME. REVISED PROPERTY OWNERS NAME ON TRACT 30. REMOVED DRIVEWAY ON TRACT 38 AND ADDED DRIVEWAY AT STA.123+30.00. ADDED 30-S1 AND 32-S1.

REV. 6-11-13: REMOVED TRACT 30-S1. REVISED INSET BBC.

REV. 8-29-13: REVISED INSET BB.

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 115+00 TO STA. 128+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2003	STP-101(16)	9B
CONST	2016	STP-101(16)	9B

REV. 5-10-12: WIDENED DRIVES STA. 125+77.89 AND STA. 127+18.23.
REV. 6-12-12: MOVED DRIVE FROM STA. 121+69.60 TO 121+64.41. ADDED DRIVE AT STA. 122+09.44.

REV. 7-27-12: REVISED DRIVEWAY AT STA. 123+30. ADDED FUTURE PARKING LOT AND PROP. RIP RAP.

REV. 8-08-12: REMOVED DRIVEWAY AT STA 122+87.44. ADDED ENGINEER SEAL BOX.

REV. 08-20-12: ADDED PAVEMENT MARKINGS.

REV. 09-24-12: REMOVED PVT DRIVE ON TRACT 38 AND REPLACED WITH ORIGINAL DRIVEWAY AT STA. 125+00± ADDED CURVE POINTS AND NORTH EASTING TO STONE LOOP ROAD. ADDED REMAINING WTL-2B PER ENV. REQ

REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEMS. ADDED PROP S.D.

REV. 11-30-12: REMOVE 2 BUS. ENT FROM TRACT 37 AND ADDED ONE 40' BUS. ENT

REV. 12-18-12: REVISED INLET ENDWALL WITH DROP INLET(CB-346). ADDED HANDICAP RAMPS ON SIDE ROADS.

REV. 1-17-13: REMOVED WTL-2B PER ENV. REQUEST.

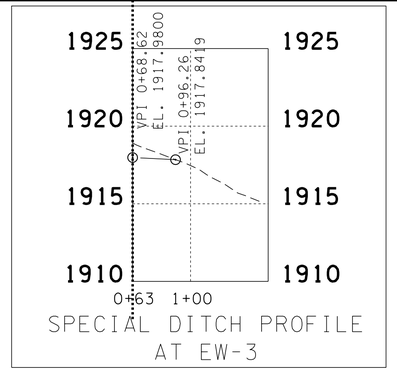
REV. 5-22-13: UPDATE YEAR. ADDED CATCHBASINS TABLES. REVISE STORM SYSTEM. ADDED SPECIAL DITCH PROFILES FOR EW-3 AND EW-5. ADDED RIP RAP DETAIL FOR EW-3 AND EW-5. REMOVED DRIVEWAY AT STA.125+00± AND ADDED DRIVEWAY AT STA.123+30.00. UPDATE ROADSIDE DITCHES. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.ADDED PROP. GRADED SOLID ROCK.

REV. 5-29-13: REVISED CB-13 #12 TO CB-13 #14. ADDED RADIUS TO DRIVEWAYS.

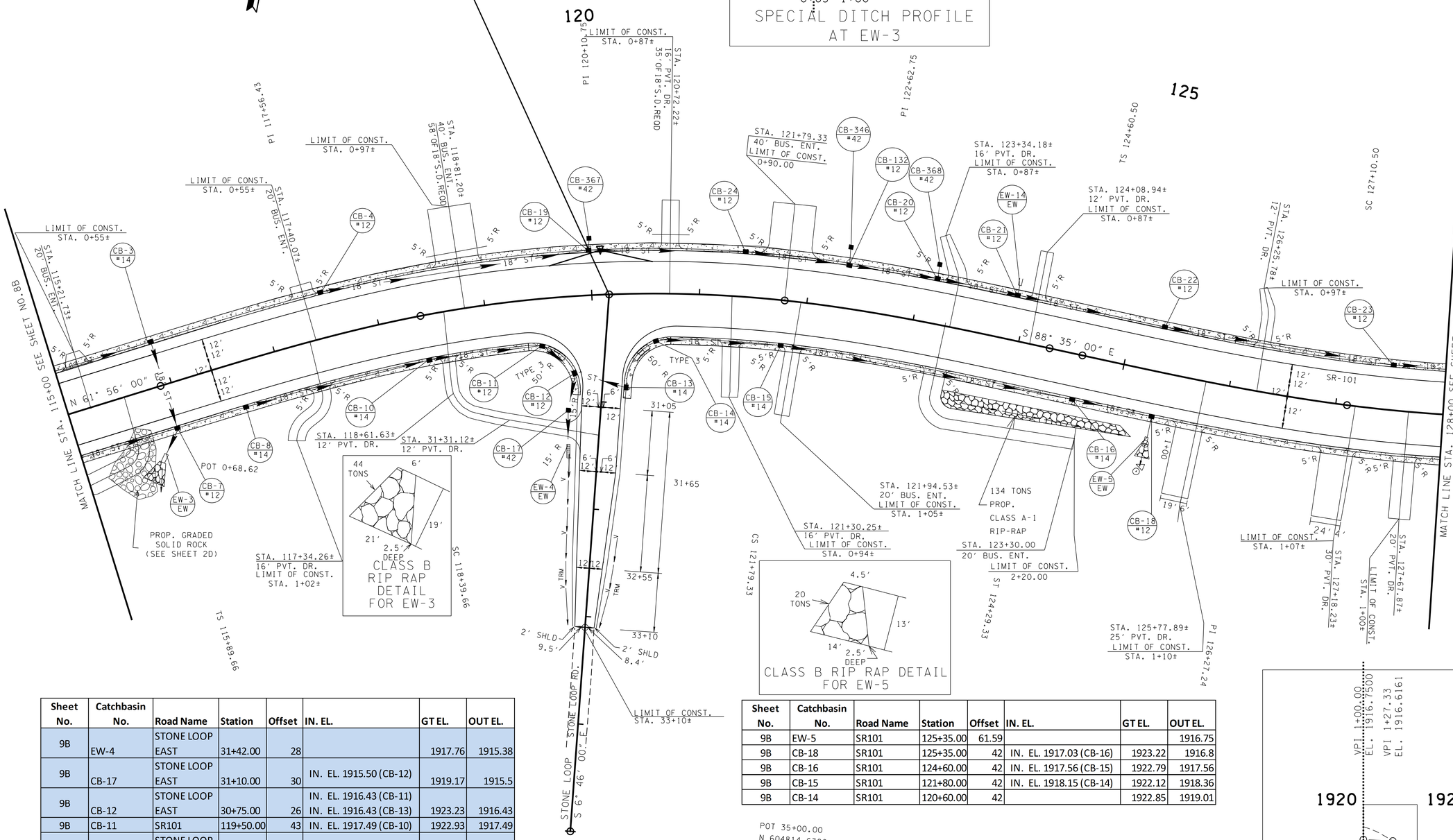
REV. 05-25-16: REVISED PROP DRAIN PER CONST REQ.

PROPOSE CURVE DATA
S.R. 101
PI 120+16.72
N 605,349.8987
E 2,280,340.4132
Δs 29° 29' 00" (RT)
Θs 6° 15' 00"
Δc 16° 59' 00" (RT)
Dc 5° 00' 00"
Rc 1,145.92
Lc 339.67
Ts 427.07
Ls 250.00
SE 0.071 FT/FT
DESIGN SPEED 50 MPH

STA. 120+16.06 S.R. 101 =
STA. 30+00.00 STONE LOOP
N 605311.1552
E 22280356.3435
Δ = 96°13'47" RT.



SPECIAL DITCH PROFILE AT EW-3

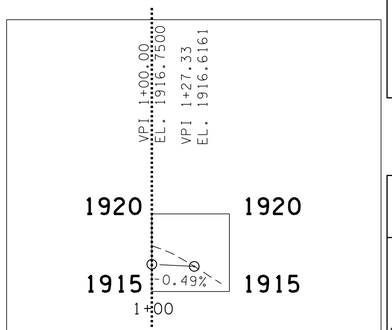


Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
9B	EW-4	STONE LOOP EAST	31+42.00	28		1917.76	1915.38
9B	CB-17	STONE LOOP EAST	31+10.00	30	IN. EL. 1915.50 (CB-12)	1919.17	1915.5
9B	CB-12	STONE LOOP EAST	30+75.00	26	IN. EL. 1916.43 (CB-11) IN. EL. 1916.43 (CB-13)	1923.23	1916.43
9B	CB-11	SR101	119+50.00	43	IN. EL. 1917.49 (CB-10)	1922.93	1917.49
9B	CB-13	STONE LOOP EAST	30+85.00	-21		1922.79	1919.03
9B	CB-10	SR101	118+40.00	42	IN. EL. 1918.74 (CB-8)	1923.11	1918.74
9B	CB-8	SR101	116+60.00	42		1923.84	1920.08

POT 35+00.00
N 604814.6380
E 2280415.2566

35

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
9B	EW-5	SR101	125+35.00	61.59			1916.75
9B	CB-18	SR101	125+35.00	42	IN. EL. 1917.03 (CB-16)	1923.22	1916.8
9B	CB-16	SR101	124+60.00	42	IN. EL. 1917.56 (CB-15)	1922.79	1917.56
9B	CB-15	SR101	121+80.00	42	IN. EL. 1918.15 (CB-14)	1922.12	1918.36
9B	CB-14	SR101	120+60.00	42		1922.85	1919.01



SPECIAL DITCH PROFILE AT EW-5

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 115+00 TO STA. 128+00

SCALE: 1"= 50'

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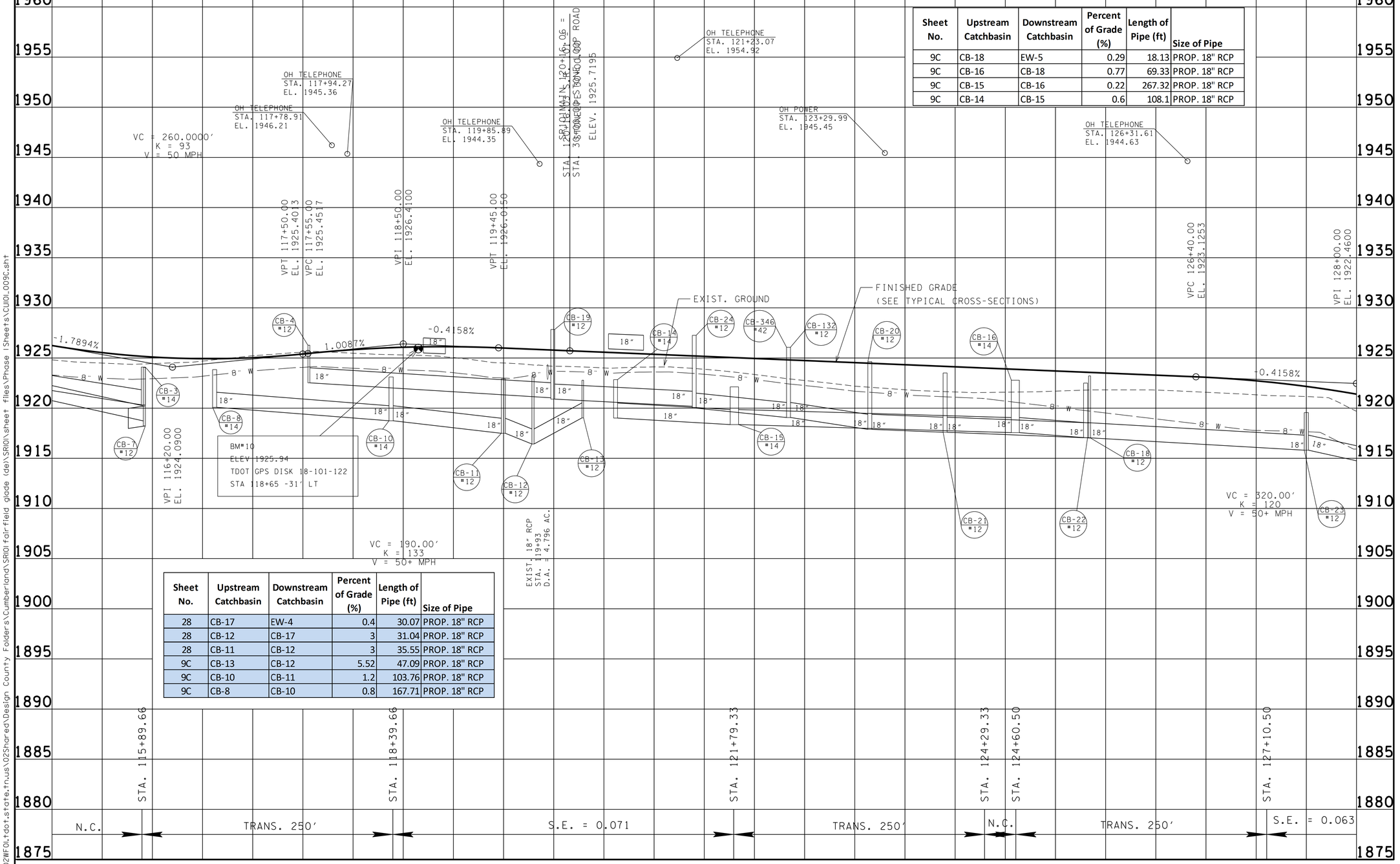
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	9C
CONST	2016	STP-101(16)	9C

REV. 11-26-12-ADDED STORM SYSTEM AND PROP. PIPES.

REV. 12-18-12-ADDED DROP INLET(CB-346)

REV. 5-22-13-UPDATE YEAR. ADDED PIPE TABLES.
REV. 05-25-16-REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
9C	CB-18	EW-5	0.29	18.13	PROP. 18" RCP
9C	CB-16	CB-18	0.77	69.33	PROP. 18" RCP
9C	CB-15	CB-16	0.22	267.32	PROP. 18" RCP
9C	CB-14	CB-15	0.6	108.1	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
28	CB-17	EW-4	0.4	30.07	PROP. 18" RCP
28	CB-12	CB-17	3	31.04	PROP. 18" RCP
28	CB-11	CB-12	3	35.55	PROP. 18" RCP
9C	CB-13	CB-12	5.52	47.09	PROP. 18" RCP
9C	CB-10	CB-11	1.2	103.76	PROP. 18" RCP
9C	CB-8	CB-10	0.8	167.71	PROP. 18" RCP

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 115+00 TO STA. 128+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	10
CONST	2016	STP-101(16)	10

REV. 1-27-11: LABELED PROP. R.O.W., SLOPE, CONST., & DRAINAGE EASEMENTS.
REV. 10-26-11: PROPERTY OWNER NAME CHANGE, TRACT 49. ADDED Z BAR TO TRACT 45.
REV. 11-4-11: CHANGED TRACT 45 TO 46.
REV. 12-19-11: MOVED PROP. R.O.W. FOR CHERRY BRANCH ROAD, RIGHT.
REV. 5-10-12: CORRECTED PROPERTY OWNER NAME ON TRACT 50. ADDED DRIVEWAY STA. 129+34.30, TRACT 46 AND STA. 130+00.00, TRACT 44.
REV. 6-12-12: MOVED DRIVE FROM STA. 130+00 TO STA. 131+25.
7-12-12: LOCATED SIGNS ON TRACTS 43, 46, 47, AND 139. UPDATED DRIVES AND SIDE DRAINS ON TRACTS 50 AND 52.

REV. 08-20-12: ADDED SPECIAL NOTES, PERM. AND TEMP IMPACT TABLE, WWC-3, AND WWC-4. REMOVE PROP. STORM DRAIN SYSTEM. LABELED ROW FEATURES. ADDED SCARIFIED AREAS AND LEGEND.

REV. 09-24-12: ADDED PROP ROW TO TRACT 49. REMOVE DRAIN EASMT AND CONST EASMT ON TRACT 49 ADDED NORTH EASTING TO CHERRY BRANCH ROAD. REVISED WTL-2 TO WTL-3 PER ENV. REQ. REVISED DRIVEWAY AT STA 138+72.70

REV. 5-22-13: UPDATE YEAR. ADDED DESCRIPTION OF TRACT NO. 56 & 57. ADDED PVT DRIVEWAY SHADING. REVISE STATION FOR FENCE LANE. ADDED INFO FOR EXIST. PIPE.

REV. 5-29-13: ADDED ROW MARKERS.

PROPOSED CURVE DATA

S.R. 101	CHERRY BRANCH ROAD
PI 130+16.89	PI 31+62.07
N 605,324.8139	N 605,419.4390
E 2,281,354.7358	E 2,281,809.5710
Δs 33° 29′ 00″ (LT)	Δ 24° 52′ 05″ (RT)
θs 5° 00′ 00″	D 22° 45′ 00″
Δc 23° 29′ 00″ (LT)	R 251.85
Dc 4° 00′ 00″	L 109.31
Rc 1,432.39	T 55.53
Lc 587.08	SE 0.064 FT/FT
Ts 556.39	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 135′ (60% OUTSIDE 40% INSIDE)
SE 0.063 FT/FT	
DESIGN SPEED 50 MPH	

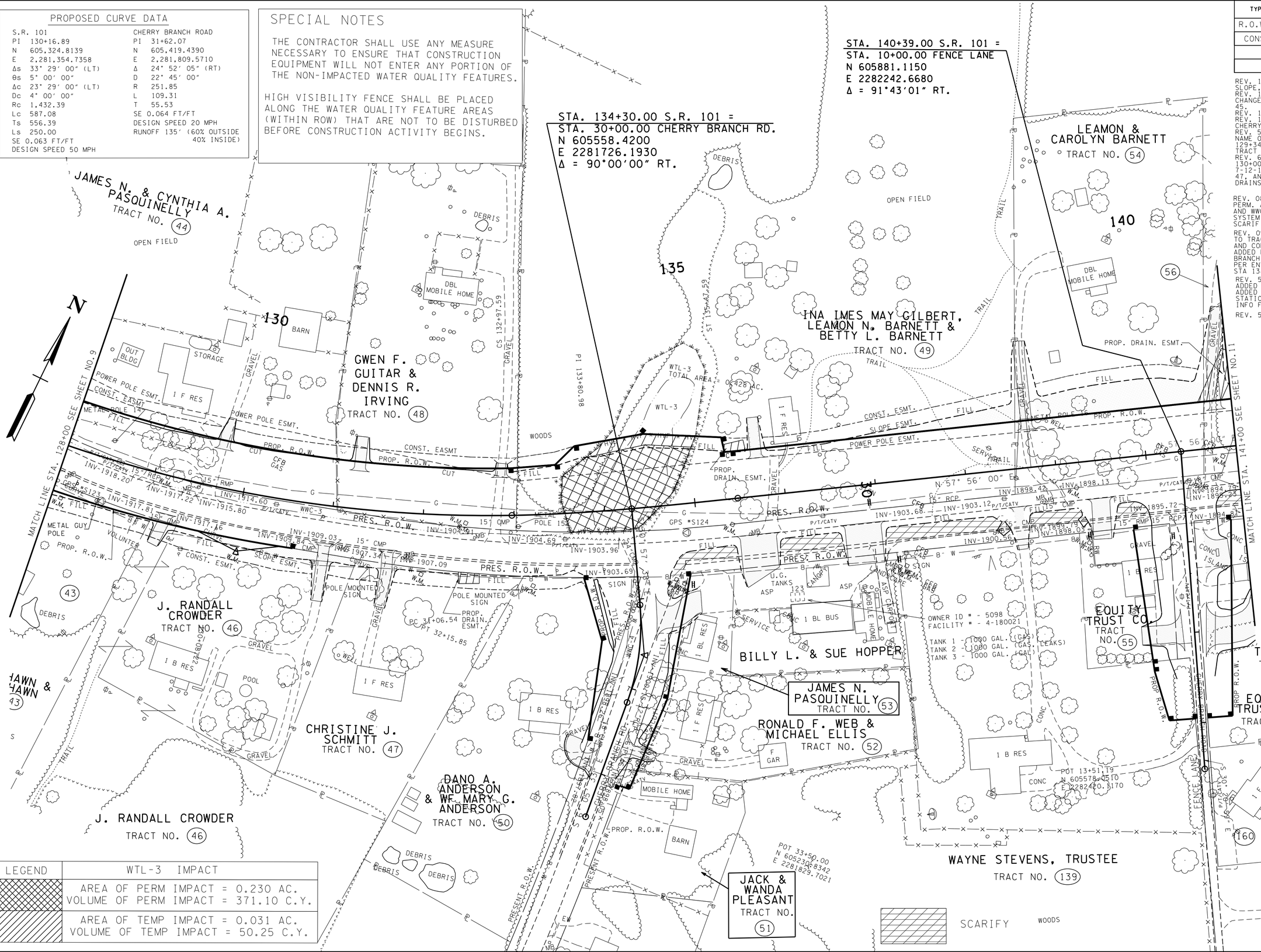
SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00′00″ RT.

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43′01″ RT.



LEGEND	WTL-3 IMPACT
	AREA OF PERM IMPACT = 0.230 AC. VOLUME OF PERM IMPACT = 371.10 C.Y.
	AREA OF TEMP IMPACT = 0.031 AC. VOLUME OF TEMP IMPACT = 50.25 C.Y.

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CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 128+00 TO STA. 141+00

SCALE: 1"= 50′

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Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	10A
CONST	2016	STP-101(16)	10A

REV. 1-27-11: LABELED PROPOSED R.O.W., AND SLOPE AND CONST. EASEMENTS. REMOVED CONSTRUCTION EASEMENT PATTERN.
REV. 10-26-11: PROPERTY OWNER NAME CHANGE, TRACT 49. ADDED Z BAR TO TRACT 45.
REV. 11-4-11: CHANGED TRACT 45 TO 46.
REV. 12-19-11: MOVED PROPOSED R.O.W. FOR CHERRY BRANCH ROAD. RIGHT.
REV. 5-10-12: LABELED PROP. R.O.W. ON NORTHEAST CORNER OF TRACT 46. CORRECTED PROPERTY OWNER NAME ON TRACT 50. REMOVED CONSTRUCTION EASEMENT ON TRACTS 52 AND 53. ADDED DRIVE STA. 129+34.30, TRACT 46 AND STA. 130+00.00, TRACT 44. REV. 6-12-12: MOVED DRIVE FROM STA. 130+00 TO STA. 131+25.

REV. 08-20-12: LABELED R.O.W FEATURES & SLOPE FEATURES.

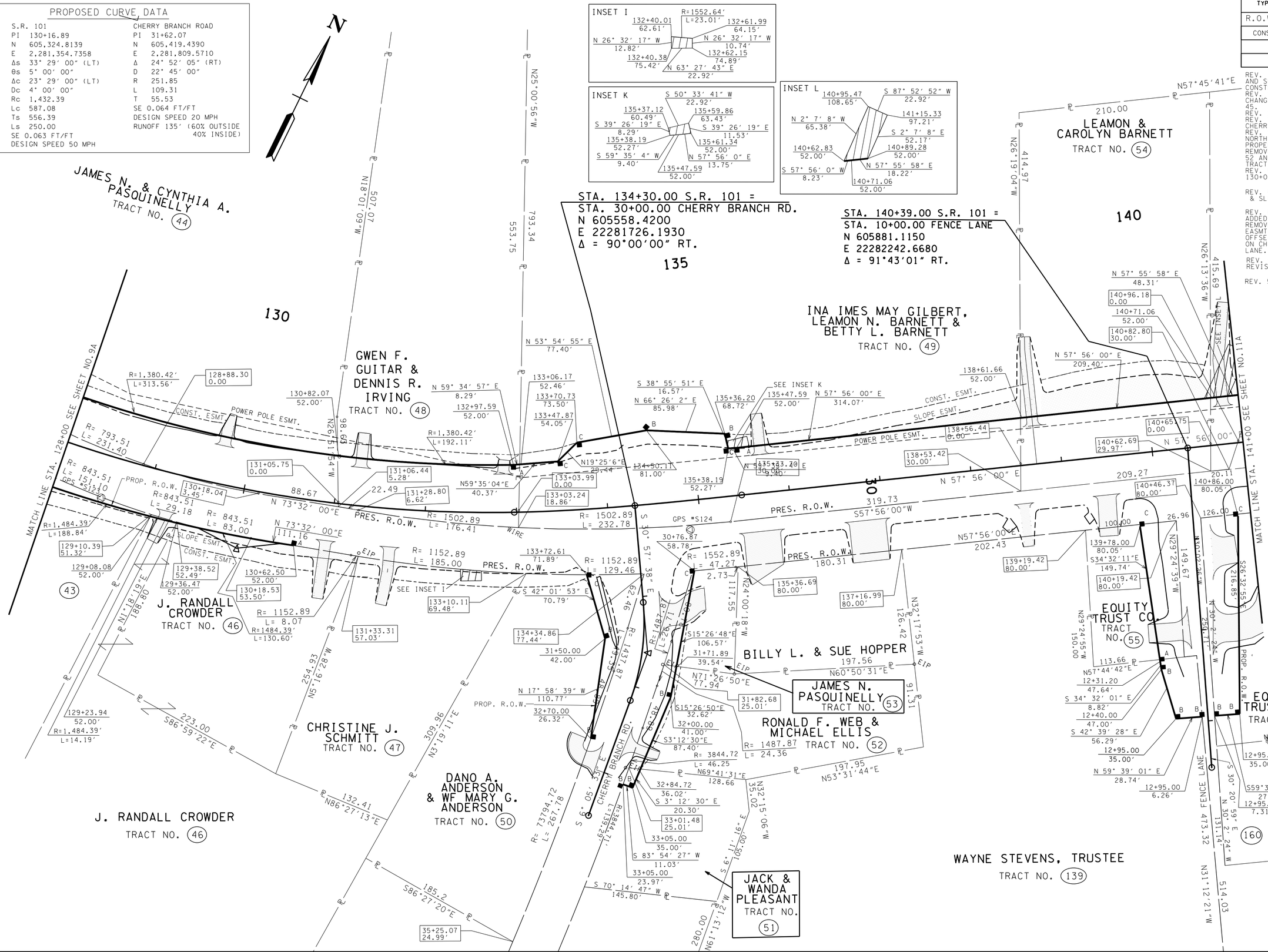
REV. 09-24-12: REMOVED INSET J. ADDED PROP. ROW ON TRACT 49. REMOVED DRAIN EASMT AND CONST EASMT ON TRACT 49. REVISED STA. AND OFFSET, ALIGNMENT, AND SLOPE LINES ON CHERRY BRANCH ROAD AND FENCE LANE. REVISED DRIVEWAY AT STA. 138+72.70

REV. 5-22-13: UPDATE YEAR. REVISE STATION AT FENCE LANE.

REV. 5-29-13: ADDED ROW MARKERS.

PROPOSED CURVE DATA

S.R. 101	CHERRY BRANCH ROAD
PI 130+16.89	PI 31+62.07
N 605,324.8139	N 605,419.4390
E 2,281,354.7358	E 2,281,809.5710
Δs 33° 29′ 00″ (LT)	Δ 24° 52′ 05″ (RT)
θs 5° 00′ 00″	D 22° 45′ 00″
Δc 23° 29′ 00″ (LT)	R 251.85
Dc 4° 00′ 00″	L 109.31
Rc 1,432.39	T 55.53
Lc 587.08	SE 0.064 FT/FT
Ts 556.39	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 135′ (60% OUTSIDE 40% INSIDE)
SE 0.063 FT/FT	
DESIGN SPEED 50 MPH	



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 128+00 TO STA. 141+00

SCALE: 1"= 50'

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

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
10B	EW-006	SR101	134+20.00	-61.04			1902.08
10B	CB-28	SR101	133+80.00	-42	IN. EL. 1902.25 (CB-901)	1902.25	1902.25
10B	CB-901	SR101	133+30.00	-42	IN. EL. 1902.70 (CB-27)	1902.7	1902.7
10B	CB-27	SR101	133+00.00	-42	IN. EL. 1902.80 (CB-900)	1902.79	1902.8
10B	CB-900	SR101	132+70.00	-42	IN. EL. 1903.53 (CB-26)	1902.89	1903.53
10B	CB-26	SR101	131+10.00	-42	IN. EL. 1906.60 (CB-25)	1906.6	1906.6
10B	CB-25	SR101	129+50.00	-42	IN. EL. 1911.49 (CB-23)	1910.08	1911.49
9B	CB-23	SR101	127+50.00	-42	IN. EL. 1915.81 (CB-22)	1915.81	1915.81
9B	CB-22	SR101	125+30.00	-42	IN. EL. 1917.06 (CB-21)	1917.06	1917.06
9B	CB-21	SR101	123+90.00	-42	IN. EL. 1917.06 (CB-20) IN. EL. 1917.60 (EW-14)	1917.6	1917.6
9B	CB-20	SR101	123+15.00	-42	IN. EL. 1917.89 (CB-132) IN. EL. 1917.89 (CB-368)	1917.89	1917.89
9B	EW-14	SR101	123+90.00	-51.2		1918.37	
9B	CB-368	SR101	123+14.42	-55.16		1918.86	
9B	CB-132	SR101	122+34.00	-42	IN. EL. 1919.07 (CB-24) IN. EL. 1919.22 (CB-346)	1919.07	1919.07
9B	CB-24	SR101	121+40.00	-42	IN. EL. 1920.19 (CB-19)	1920	1920.19
9B	CB-346	SR101	122+33.00	-57		1919.9	
9B	CB-19	SR101	119+99.00	-42	IN. EL. 1922.78 (CB-367) IN. EL. 1921.04 (CB-4)	1920.9	1921.04
9B	CB-4	SR101	117+55.00	-42		1922.52	
9B	CB-367	SR101	120+00.00	-52.95		1923.01	

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
10B	EW-027	SR101	133+82.89	68.55			1903.65
10B	CB-31	SR101	133+75.00	42.5	IN. EL. 1906.39 (CB-30)	1910.1	1906.26
10B	CB-30	SR101	132+50.00	42	IN. EL. 1908.10 (CB-130)	1911.85	1908.1
10B	CB-130	SR101	131+50.00	42	IN. EL. 1909.91 (CB-29)	1913.66	1909.91
10B	CB-29	SR101	130+70.00	42	IN. EL. 1912.14 (CB-131)	1915.89	1912.14
10B	CB-131	SR101	129+10.00	42		1920.71	1916.96

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	10B
CONST	2016	STP-101(16)	10B

REV. 5-10-12: ADDDED DRIVEWAYS STA. 129+34.30 AND STA. 130+00.00.
REV. 6-12-12: MOVED DRIVE FROM STA. 130+00 TO STA. 131+25.

REV. 08-20-12: ADDED TEMP IMPACT PROP TREE, AND REMAINDER TO WTL-3. ADDED PAVEMENT MARKINGS.

REV. 09-24-12: ADDED NOTE FOR TREE PLANTINGS AND PERM. IMPACT MITIGATION FOR WTL-3 PER ENV. REQ. ADDED CURVE TEXT. REVISED DRIVEWAY AT STA 138+72.70

REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEMS. ADDED PROP. S.D.

REV. 12-18-12: ADDED HANDICAP RAMP TO SIDE ROADS.

REV. 5-22-13: UPDATE YEAR. REMOVE PVT MARKINGS. ADDED CATCHBASINS TABLES. REVISE STORM SYSTEM. UPDATE ROADSIDE DITCHES. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.ADDED PROP. GRADED SOLID ROCK.

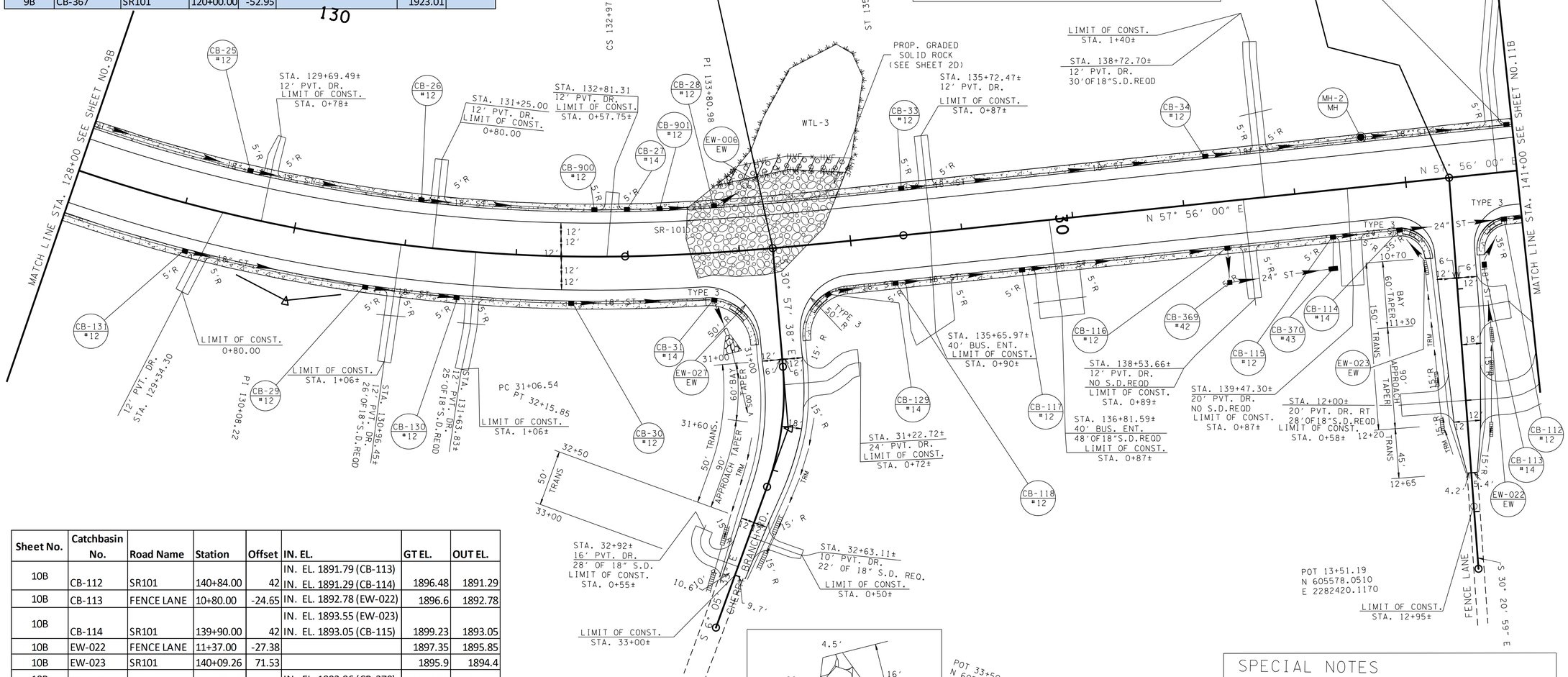
REV. 05-25-16: REVISED PROP DRAIN PER CONST REQ.

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43'01" RT.

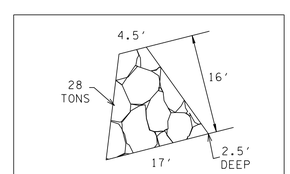
STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00'00" RT.

PROPOSED CURVE DATA

S.R. 101	CHERRY BRANCH ROAD
PI 130+16.89	PI 31+62.07
N 605,324.8139	N 605,419.4390
E 2,281,354.7358	E 2,281,809.5710
Δs 33° 29' 00" (LT)	Δ 24° 52' 05" (RT)
θs 5° 00' 00"	D 22° 45' 00"
Δc 23° 29' 00" (LT)	R 251.85
Dc 4° 00' 00"	L 109.31
Rc 1,432.39	T 55.53
Lc 587.08	SE 0.064 FT/FT
Ts 556.39	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 135' (60% OUTSIDE 40% INSIDE)
SE 0.063 FT/FT	
DESIGN SPEED 50 MPH	



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
10B	CB-112	SR101	140+84.00	42	IN. EL. 1891.79 (CB-113) IN. EL. 1891.29 (CB-114)	1896.48	1891.29
10B	CB-113	FENCE LANE	10+80.00	-24.65	IN. EL. 1892.78 (EW-022)	1896.6	1892.78
10B	CB-114	SR101	139+90.00	42	IN. EL. 1893.55 (EW-023) IN. EL. 1893.05 (CB-115)	1899.23	1893.05
10B	EW-022	FENCE LANE	11+37.00	-27.38		1897.35	1895.85
10B	EW-023	SR101	140+09.26	71.53		1895.9	1894.4
10B	CB-115	SR101	139+30.00	42	IN. EL. 1893.86 (CB-370)	1900.91	1893.86
10B	CB-370	SR101	139+27.32	70.18	IN. EL. 1894.42 (CB-369)	1898.47	1894.42
10B	CB-369	SR101	138+33.84	72.66	IN. EL. 1898.03 (CB-116)	1901.32	1898.03
10B	CB-116	SR101	138+35.00	42	IN. EL. 1899.86 (CB-117)	1903.61	1899.36
10B	CB-117	SR101	136+50.00	42	IN. EL. 1903.54 (CB-118)	1907.29	1903.54
10B	CB-118	SR101	135+36.00	42	IN. EL. 1904.69 (CB-129)	1908.44	1904.69
10B	CB-129	SR101	134+75.00	45		1909.05	1905.29



CLASS B RIP RAP DETAIL FOR EW-027

POT 33+50.00
N 605230.8342
E 2281829.7021

SPECIAL NOTES

FOR TREE PLANTINGS SEE SHEET 32Y FOR WETLAND MITIGATION INFORMATION.

FOR PERM. IMPACT TO WTL-3, MITIGATION WILL BE DONE WITHIN THE HUC 8 OR WITH MITIGATION BANK AT RATIO OF 4:1

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 128+00 TO STA. 141+00

SCALE: 1"= 50'

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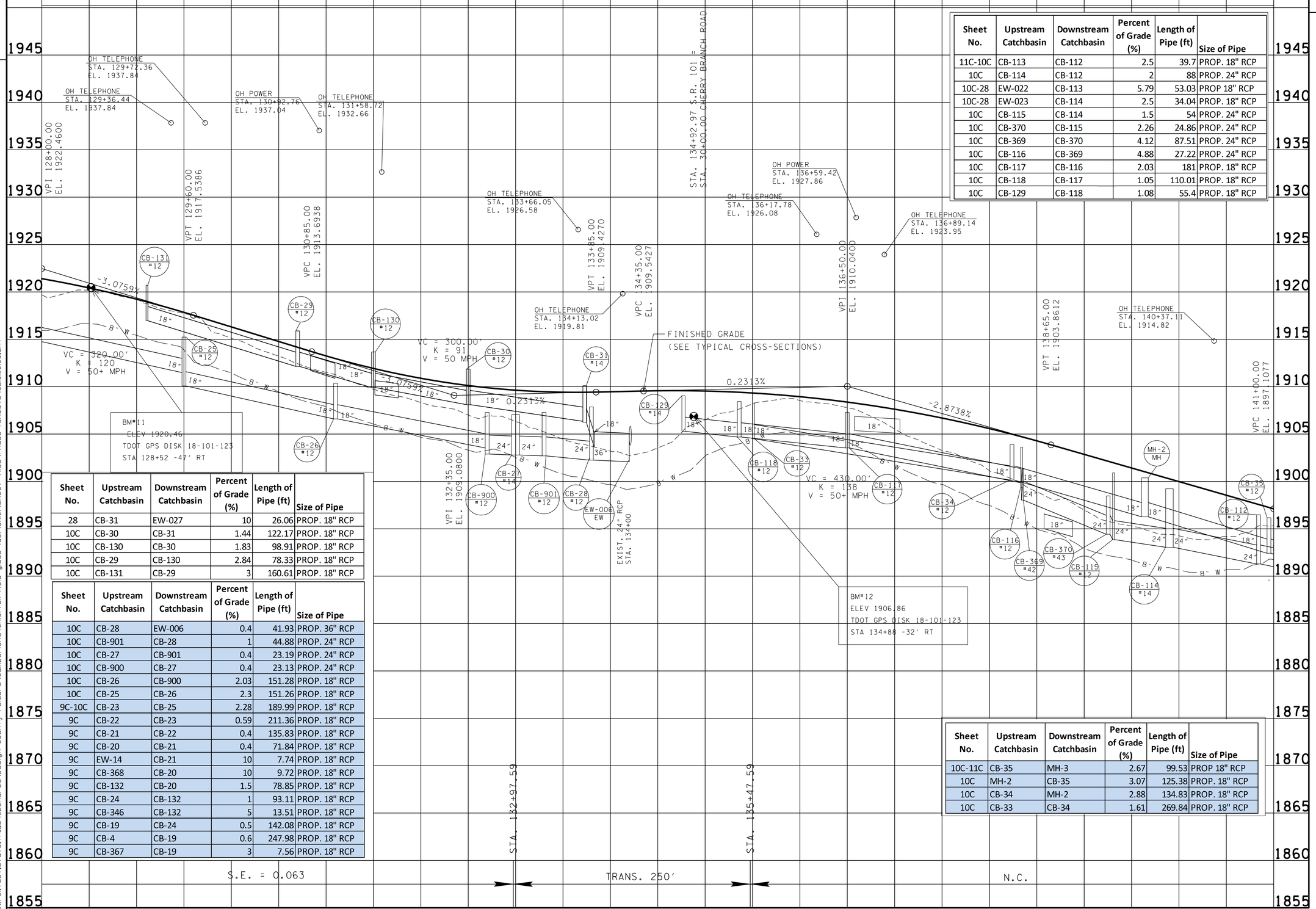
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	10C
CONST	2016	STP-101(16)	10C

REV. 11-26-12- ADDED STORM SYSTEM AND PROP. PIPES

REV. 5-22-13- UPDATE YEAR. REVISE STORM SYSTEM. ADDED PIPE TABLE. REMOVED PROP SD AT STA. 138+53.66 AND 139+47.30.

REV. 05-25-16- REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
11C-10C	CB-113	CB-112	2.5	39.7	PROP. 18" RCP
10C	CB-114	CB-112	2	88	PROP. 24" RCP
10C-28	EW-022	CB-113	5.79	53.03	PROP 18" RCP
10C-28	EW-023	CB-114	2.5	34.04	PROP. 18" RCP
10C	CB-115	CB-114	1.5	54	PROP. 24" RCP
10C	CB-370	CB-115	2.26	24.86	PROP. 24" RCP
10C	CB-369	CB-370	4.12	87.51	PROP. 24" RCP
10C	CB-116	CB-369	4.88	27.22	PROP. 24" RCP
10C	CB-117	CB-116	2.03	181	PROP. 18" RCP
10C	CB-118	CB-117	1.05	110.01	PROP. 18" RCP
10C	CB-129	CB-118	1.08	55.4	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
28	CB-31	EW-027	10	26.06	PROP. 18" RCP
10C	CB-30	CB-31	1.44	122.17	PROP. 18" RCP
10C	CB-130	CB-30	1.83	98.91	PROP. 18" RCP
10C	CB-29	CB-130	2.84	78.33	PROP. 18" RCP
10C	CB-131	CB-29	3	160.61	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
10C	CB-28	EW-006	0.4	41.93	PROP. 36" RCP
10C	CB-901	CB-28	1	44.88	PROP. 24" RCP
10C	CB-27	CB-901	0.4	23.19	PROP. 24" RCP
10C	CB-900	CB-27	0.4	23.13	PROP. 24" RCP
10C	CB-26	CB-900	2.03	151.28	PROP. 18" RCP
10C	CB-25	CB-26	2.3	151.26	PROP. 18" RCP
9C-10C	CB-23	CB-25	2.28	189.99	PROP. 18" RCP
9C	CB-22	CB-23	0.59	211.36	PROP. 18" RCP
9C	CB-21	CB-22	0.4	135.83	PROP. 18" RCP
9C	CB-20	CB-21	0.4	71.84	PROP. 18" RCP
9C	EW-14	CB-21	10	7.74	PROP. 18" RCP
9C	CB-368	CB-20	10	9.72	PROP. 18" RCP
9C	CB-132	CB-20	1.5	78.85	PROP. 18" RCP
9C	CB-24	CB-132	1	93.11	PROP. 18" RCP
9C	CB-346	CB-132	5	13.51	PROP. 18" RCP
9C	CB-19	CB-24	0.5	142.08	PROP. 18" RCP
9C	CB-4	CB-19	0.6	247.98	PROP. 18" RCP
9C	CB-367	CB-19	3	7.56	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
10C-11C	CB-35	MH-3	2.67	99.53	PROP 18" RCP
10C	MH-2	CB-35	3.07	125.38	PROP. 18" RCP
10C	CB-34	MH-2	2.88	134.83	PROP. 18" RCP
10C	CB-33	CB-34	1.61	269.84	PROP. 18" RCP

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 128+00 TO STA. 141+00

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

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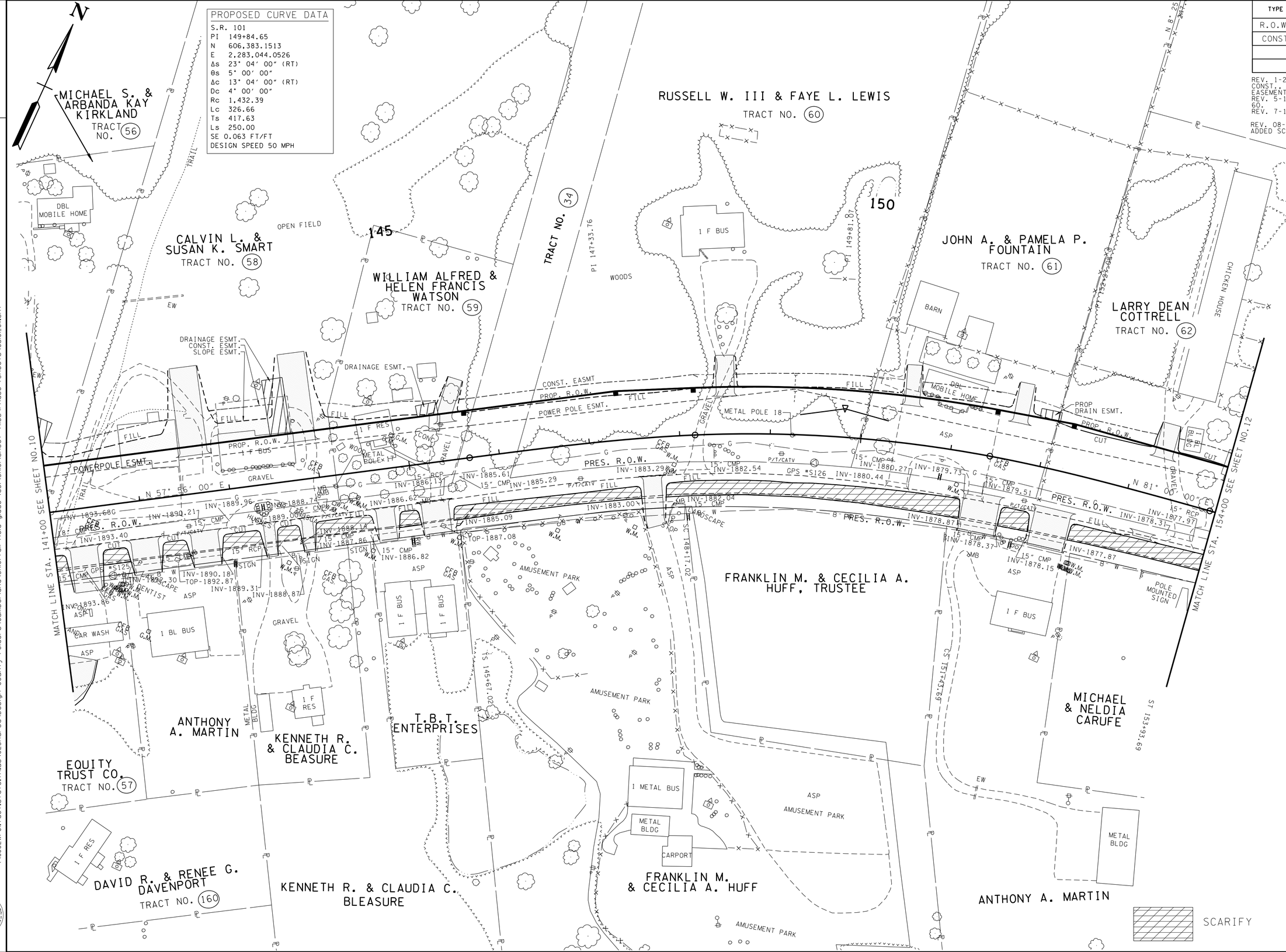
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	11
CONST	2016	STP-101(16)	11

REV. 1-27-11: LABELED PROP. R.O.W., CONST., SLOPE, AND DRAINAGE EASEMENTS.
REV. 5-10-12: WIDENED DRIVEWAY ON TRACT 60.
REV. 7-12-12: UPDATED DRIVE ON TRACT 58.

REV. 08-20-12: LABELED ROW FEATURES. ADDED SCARIFY LEGEND.

REV. 5-22-13: UPDATE YEAR.



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CONSTRUCTABILITY FIELD REVIEW

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.00013 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 141+00 TO STA. 154+00

SCALE: 1"= 50'

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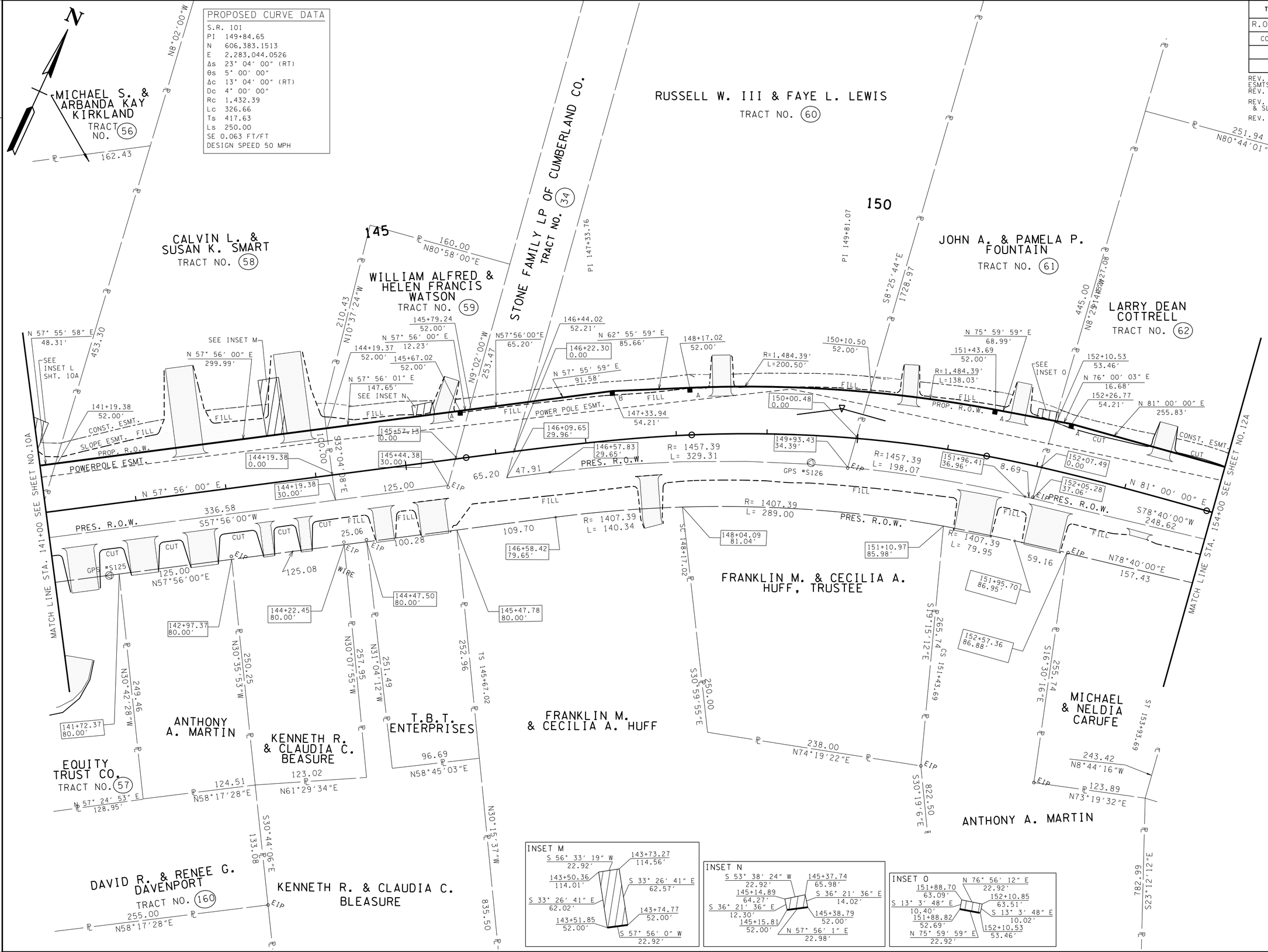
Survey & Design Division

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	11A
CONST	2016	STP-101(16)	11A

REV. 1-27-11: LABELED SLOPE AND CONST. ESMTS. REMOVED CONST. ESMT. PATTERN.
REV. 5-10-12: WIDENED DRIVE ON TRACT 60.
REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.
REV. 5-22-13: UPDATE YEAR.



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B31(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 141+00 TO STA. 154+00

SCALE: 1"= 50'

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

PROPOSED CURVE DATA

S.R. 101
PI 149+84.65
N 606,383.1513
E 2,283,044.0526
Δs 23° 04′ 00″ (RT)
θs 5° 00′ 00″
Δc 13° 04′ 00″ (RT)
Dc 4° 00′ 00″
Rc 1,432.39
Lc 326.66
Ts 417.63
Ls 250.00
SE 0.063 FT/FT
DESIGN SPEED 50 MPH

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
11B	CB-40	SR101	153+10.00	-42	IN. EL. 1878.04 (CB-39)	1881.65	1877.38
11B	CB-39	SR101	152+00.14	-42	IN. EL. 1880.88 (CB-801)	1884.51	1880.21
11B	CB-801	SR101	150+32.90	-42	IN. EL. 1882.80 (CB-800)	1887.37	1881.73
11B	CB-800	SR101	148+33.40	-42	IN. EL. 1883.61 (CB-38)	1889.32	1883.61
11B	CB-38	SR101	145+70.00	-42	IN. EL. 1884.66 (CB-37)	1888.42	1884.66
11B	CB-37	SR101	145+30.00	-42	IN. EL. 1884.92 (CB-36)	1888.67	1884.92
11B	CB-36	SR101	143+65.00	-42	IN. EL. 1886.55 (MH-4)	1890.32	1886.5
11B	MH-4	SR101	143+00.00	-44.36	IN. EL. 1887.70 (MH-3)	1891.82	1887.7
11B	MH-3	SR101	142+00.00	-44.1	IN. EL. 1889.76 (CB-35)	1893.87	1889.75
10B	CB-35	SR101	140+95.00	-42	IN. EL. 1892.42 (MH-2)	1896.17	1892.42
10B	MH-2	SR101	139+64.15	-44.32	IN. EL. 1896.27 (CB-34)	1900.38	1896.27
10B	CB-34	SR101	138+23.84	-42	IN. EL. 1900.15 (CB-33)	1903.90	1900.15
10B	CB-33	SR101	135+50.00	-42		1908.25	1904.5

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	11B
CONST	2016	STP-101(16)	11B

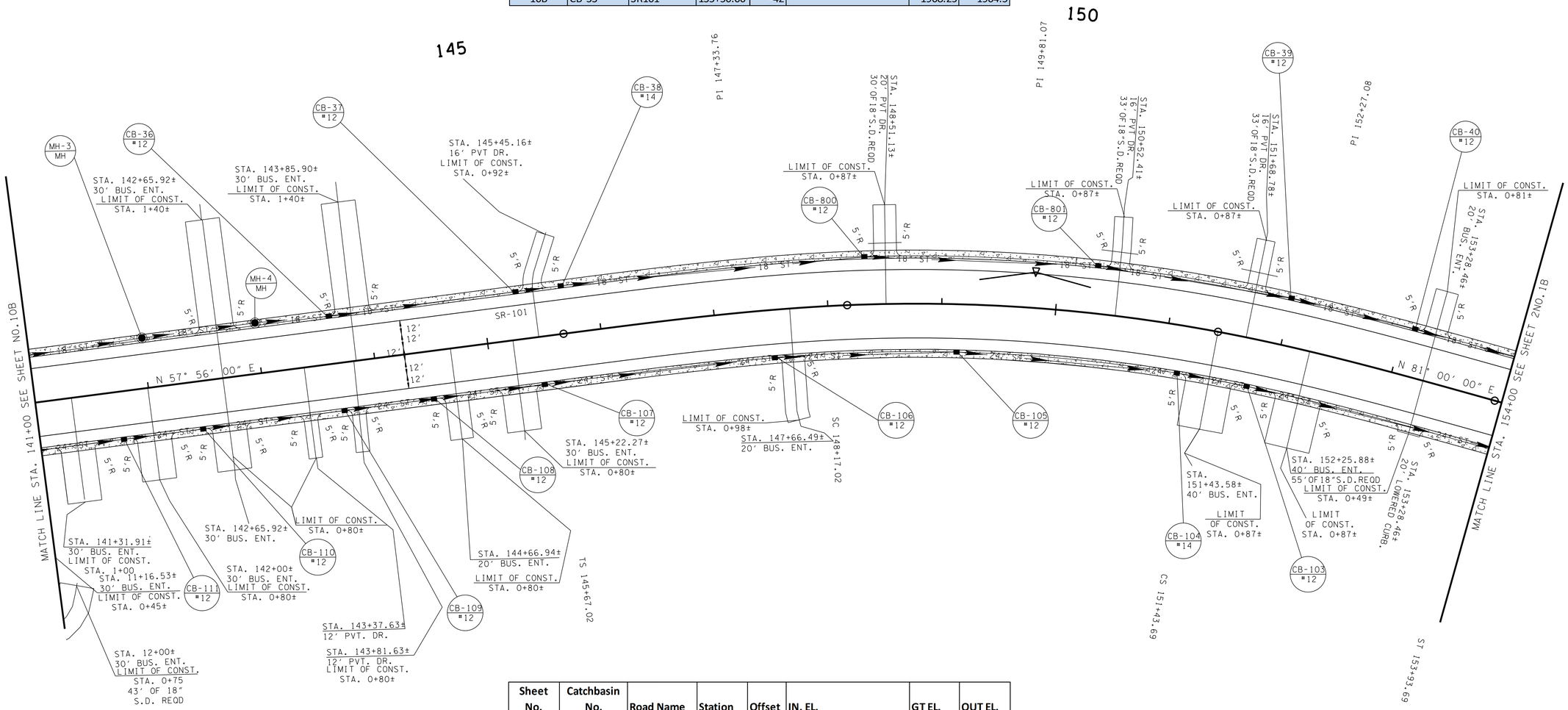
REV. 5-10-12: WIDENED DRIVE STA.148+51.

REV. 08-20-12: ADDED PAVEMENT MARKINGS.

REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.

REV. 5-22-13: UPDATE YEAR. REMOVE PVT MARKINGS. ADDED CATCHBASINS TABLES.

REV. 5-25-16: REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
11B	CB-103	SR101	151+78.00	42	IN. EL. 1877.14 (CB-104)	1881.68	1877.14
11B	CB-104	SR101	151+14.00	42	IN. EL. 1877.80 (CB-105)	1882.06	1877.8
11B	CB-105	SR101	149+14.00	42	IN. EL. 1880.02 (CB-106)	1884.27	1880.02
11B	CB-106	SR101	147+50.00	42	IN. EL. 1882.26 (CB-107)	1886.51	1882.26
11B	CB-107	SR101	145+45.00	42	IN. EL. 1884.32 (CB-108)	1888.57	1884.32
11B	CB-108	SR101	144+47.00	42	IN. EL. 1885.08 (CB-109)	1889.33	1885.08
11B	CB-109	SR101	143+68.00	42	IN. EL. 1886.03 (CB-110)	1890.28	1886.03
11B	CB-110	SR101	142+43.00	42	IN. EL. 1888.22 (CB-111)	1892.47	1888.22
11B	CB-111	SR101	141+73.00	42	IN. EL. 1889.54 (CB-112)	1894.07	1889.54

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 141+00 TO STA. 154+00

SCALE: 1"= 50′

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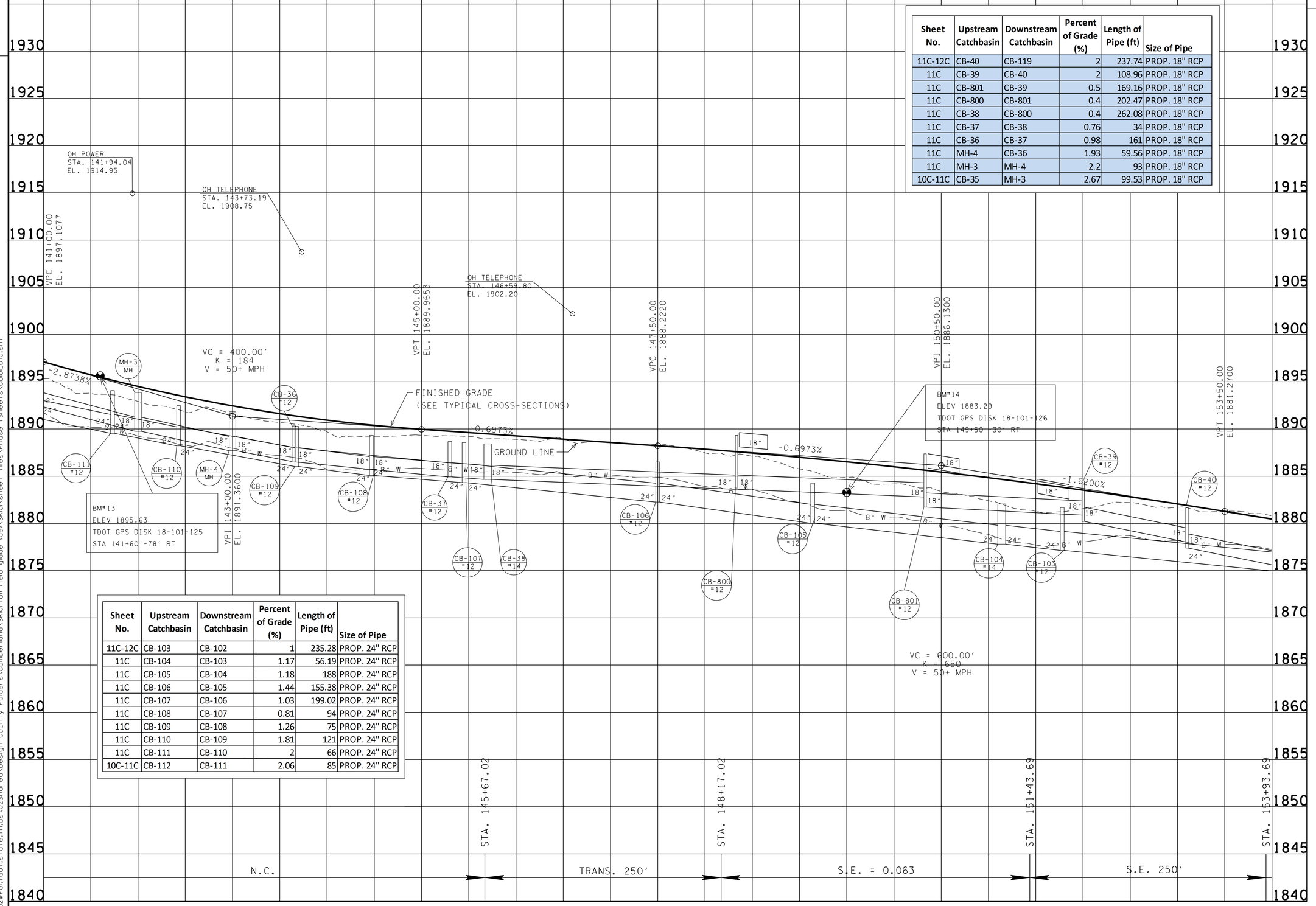
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	11C
CONST	2016	STP-101(16)	11C

REV. 11-26-12- ADDED STORM SYSTEM AND PROP PIPES
REV. 5-22-13- UPDATE YEAR. ADDED PIPE TABLES. REVISE STORM SYSTEM.

REV. 05-25-16- REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
11C-12C	CB-40	CB-119	2	237.74	PROP. 18" RCP
11C	CB-39	CB-40	2	108.96	PROP. 18" RCP
11C	CB-801	CB-39	0.5	169.16	PROP. 18" RCP
11C	CB-800	CB-801	0.4	202.47	PROP. 18" RCP
11C	CB-38	CB-800	0.4	262.08	PROP. 18" RCP
11C	CB-37	CB-38	0.76	34	PROP. 18" RCP
11C	CB-36	CB-37	0.98	161	PROP. 18" RCP
11C	MH-4	CB-36	1.93	59.56	PROP. 18" RCP
11C	MH-3	MH-4	2.2	93	PROP. 18" RCP
10C-11C	CB-35	MH-3	2.67	99.53	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
11C-12C	CB-103	CB-102	1	235.28	PROP. 24" RCP
11C	CB-104	CB-103	1.17	56.19	PROP. 24" RCP
11C	CB-105	CB-104	1.18	188	PROP. 24" RCP
11C	CB-106	CB-105	1.44	155.38	PROP. 24" RCP
11C	CB-107	CB-106	1.03	199.02	PROP. 24" RCP
11C	CB-108	CB-107	0.81	94	PROP. 24" RCP
11C	CB-109	CB-108	1.26	75	PROP. 24" RCP
11C	CB-110	CB-109	1.81	121	PROP. 24" RCP
11C	CB-111	CB-110	2	66	PROP. 24" RCP
10C-11C	CB-112	CB-111	2.06	85	PROP. 24" RCP

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 141+00 TO STA. 154+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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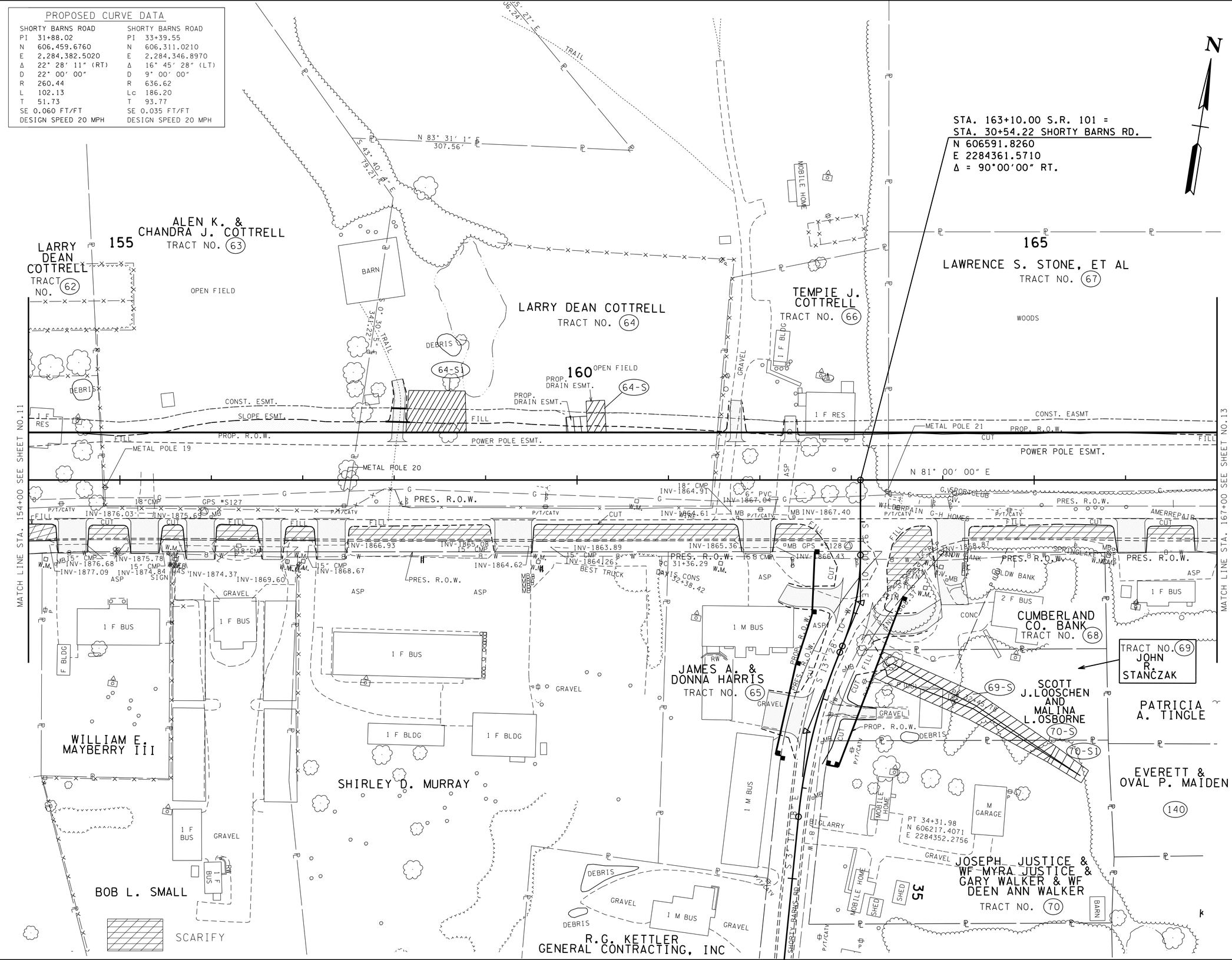
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

PROPOSED CURVE DATA

SHORTY BARNS ROAD	SHORTY BARNS ROAD
PI 31+88.02	PI 33+39.55
N 606,459.6760	N 606,311.0210
E 2,284,382.5020	E 2,284,346.8970
Δ 22° 28′ 11″ (RT)	Δ 16° 45′ 28″ (LT)
D 22° 00′ 00″	D 9° 00′ 00″
R 260.44	R 636.62
L 102.13	Lc 186.20
T 51.73	T 93.77
SE 0.060 FT/FT	SE 0.035 FT/FT
DESIGN SPEED 20 MPH	DESIGN SPEED 20 MPH



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	12
CONST	2016	STP-101(16)	12

REV. 1-27-11: LABELED PROP. R.O.W. AND SLOPE, DRAINAGE, AND CONSTRUCTION EASEMENTS.
REV. 5-10-12: CORRECTED PROPERTY OWNER NAME FOR TRACTS 63, 69, AND 70. ADDED BUILDING TO TRACT 65. CORRECTED THE SOUTHERN AND EASTERN PROPERTY LINES FOR TRACT 63. ADDED DRIVEWAY STA. 162+33.34, TRACT 66.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACT 68.
REV. 7-12-12: LOCATED FENCE ON TRACT 64. LOCATED SIGNS ON TRACTS 67 AND 68. LOCATED UTILIES ON TRACT 67.

REV. 08-20-12: LABELED ROW FEATURES. ADDED SCARIFY LEGEND.

REV. 09-24-12: ADDED NORTH AND EASTING TO PT ON SHORTY BARNES RD.

REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 64-S

REV. 5-22-13: ADDED DRAIN EASMT TO TRACT 69-S AND 70-S. REVISED SLOPE LINES TO SHORTY BARNES RD. UPDATE YEAR. ADDED INFO FOR EXIST PIPES.
REV. 5-29-13: ADDED ROW MARKERS.

REV. 10-17-13: UPDATE SURVEY FOR TRACT 69 PER ROW REQ.

REV. 12-2-13: REVISED PROPERTY OWNER NAME ON TRACT 69 & 69-S PER ROW REQ.

REV. 1-13-14: ADDED PROPERTY OWNER NAME TO TRACT 69 PER ROW REQ.

REV. 03-08-16: ADDED TRACT 64-S1.

REV. 05-25-16: ADDED TRACT 70-S1.

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 154+00 TO STA. 167+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	12A
CONST	2016	STP-101(16)	12A

REV. 1-27-11: LABELED SLOPE AND CONST. ESMTS. REMOVED CONST. ESMT. PATTERNING.
REV. 5-10-12: CORRECTED LENGTH OF DRN. ESMT. IN INSET P. CORRECTED PROPERTY OWNER NAME FOR TRACT 63, 69, & 70. ADDED DRIVEWAY STA. 162+33.34, TRACT 66.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACT 68.

REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.

REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 64-S.

REV. 5-22-13: ADDED DRAIN EASMT TO TRACT 69-S AND 70-S. REVISED SLOPE LINES TO SHORTY BARNES RD. UPDATE YEAR.

REV. 5-29-13: ADDED ROW MARKERS.

REV. 12-2-13: REVISED PROPERTY OWNER NAME ON TRACT 69 & 69-S PER ROW REQ.

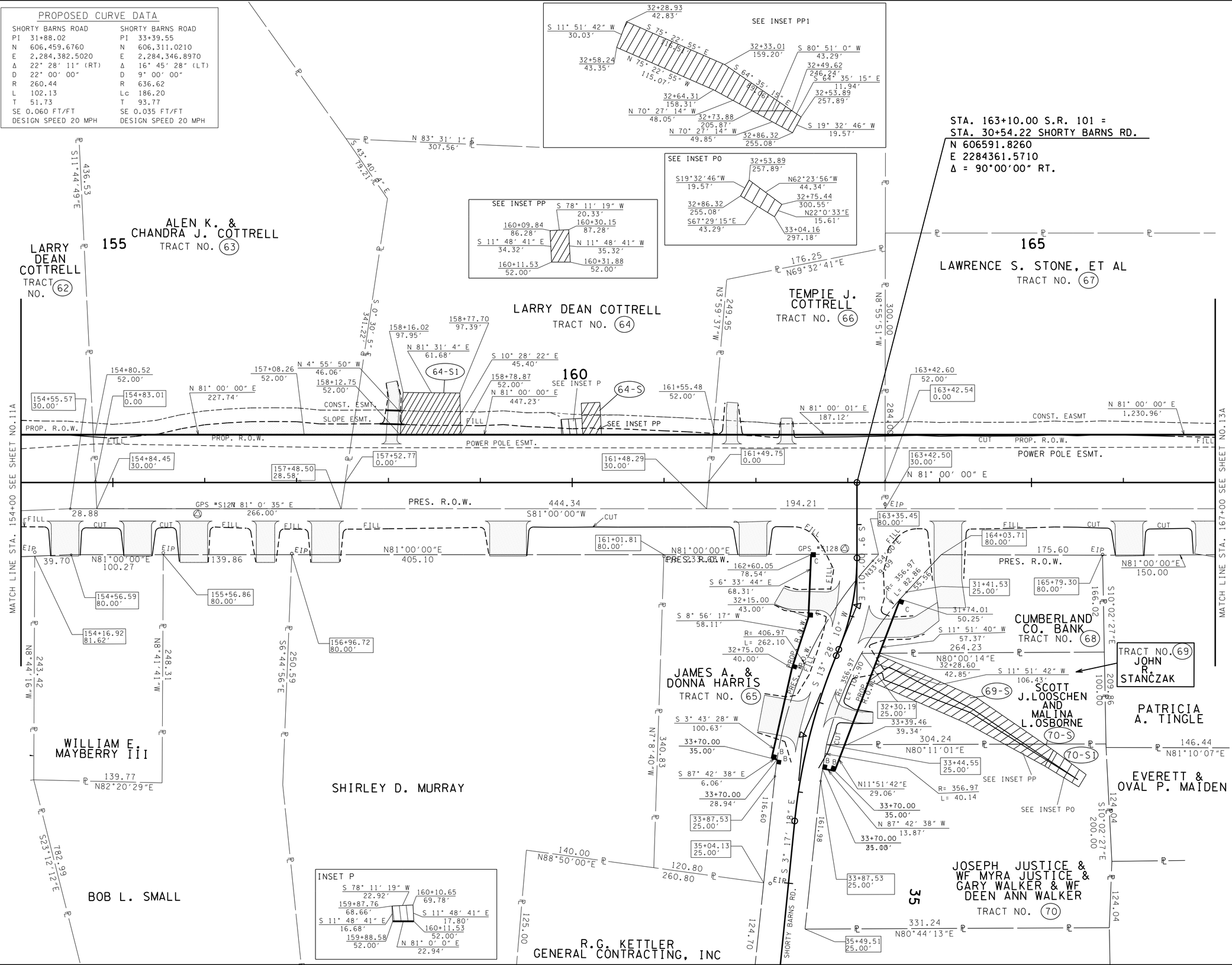
REV. 1-13-14: ADDED PROPERTY OWNER NAME TO TRACT 69 PER ROW REQ.

REV. 03-08-16: ADDED TRACT 64-S1.

REV. 05-25-16: ADDED TRACT 70-S1 AND DRAIN EASMT INSET PO.

PROPOSED CURVE DATA

SHORTY BARNS ROAD	SHORTY BARNS ROAD
PI 31+88.02	PI 33+39.55
N 606,459.6760	N 606,311.0210
E 2,284,382.5020	E 2,284,346.8970
Δ 22° 28′ 11″ (RT)	Δ 16° 45′ 28″ (LT)
D 22° 00′ 00″	D 9° 00′ 00″
R 260.44	R 636.62
L 102.13	Lc 186.20
T 51.73	T 93.77
SE 0.060 FT/FT	SE 0.035 FT/FT
DESIGN SPEED 20 MPH	DESIGN SPEED 20 MPH



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 154+00 TO STA. 167+00

SCALE: 1″= 50′

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

PROPOSED CURVE DATA

SHORTY BARNS ROAD		SHORTY BARNS ROAD	
PI	31+88.02	PI	33+39.55
N	606,459.6760	N	606,311.0210
E	2,284,382.5020	E	2,284,346.8970
Δ	22° 28′ 11″ (RT)	Δ	16° 45′ 28″ (LT)
D	22° 00′ 00″	D	9° 00′ 00″
R	260.44	R	636.62
L	102.13	Lc	186.20
T	51.73	T	93.77
SE 0.060 FT/FT		SE 0.035 FT/FT	
DESIGN SPEED 20 MPH		DESIGN SPEED 20 MPH	

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
12B	EW-028	SR101	158+20.00	-55			1864
12B	CB-257	SR101	158+20.00	-42	IN. EL. 1864.54 (CB-41)	1868.16	1864.04
12B	CB-41	SR101	157+50.00	-42	IN. EL. 1866.34 (MH-5)	1869.95	1865.22
12B	MH-5	SR101	156+50.00	-44.07	IN. EL. 1868.24 (CB-119)	1873.74	1868.24
12B	CB-119	SR101	155+50.00	-42	IN. EL. 1872.63 (CB-40)	1876.25	1869.67

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
12B	CB-42	SR101	160+20.00	-42	IN. EL. 1861.23 (CB-120) IN. EL. 1861.50 (CB-258)	1865.99	1861.23
12B	CB-902	SR101	159+90.00	42	IN. EL. 1861.28 (CB-101)	1866.04	1860.78
12B	MH-6	SR101	160+21.00	55.8	IN. EL. 1860.37 (CB-98)	1866.95	1860.37
12B	CB-120	SR101	159+50.00	-42		1866.26	1861.6
12B	CB-258	SR101	160+40.00	-42	IN. EL. 1861.89 (CB-43)	1866.01	1861.89
12B	CB-99	SR101	159+00.00	42	IN. EL. 1862.02 (CB-100)	1866.77	1862.02
12B	CB-43	SR101	162+45.00	-42	IN. EL. 1865.10 (CB-44)	1868.76	1864.64
12B	CB-100	SR101	156+95.00	42	IN. EL. 1867.40 (CB-101)	1871.74	1864.03
12B	CB-44	SR101	165+05.00	-42	IN. EL. 1872.56 (CB-45)	1876.31	1871
12B	CB-101	SR101	155+65.00	42	IN. EL. 1871.61 (CB-102)	1875.86	1868.66
12B	CB-102	SR101	154+20.00	42	IN. EL. 1874.79 (CB-103)	1879.05	1873.02

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	12B
CONST	2016	STP-101(16)	12B

REV. 5-10-12: ADDED DRIVEWAY STA. 162+33.34

REV. 08-20-12: ADDED PAVEMENT MARKINGS

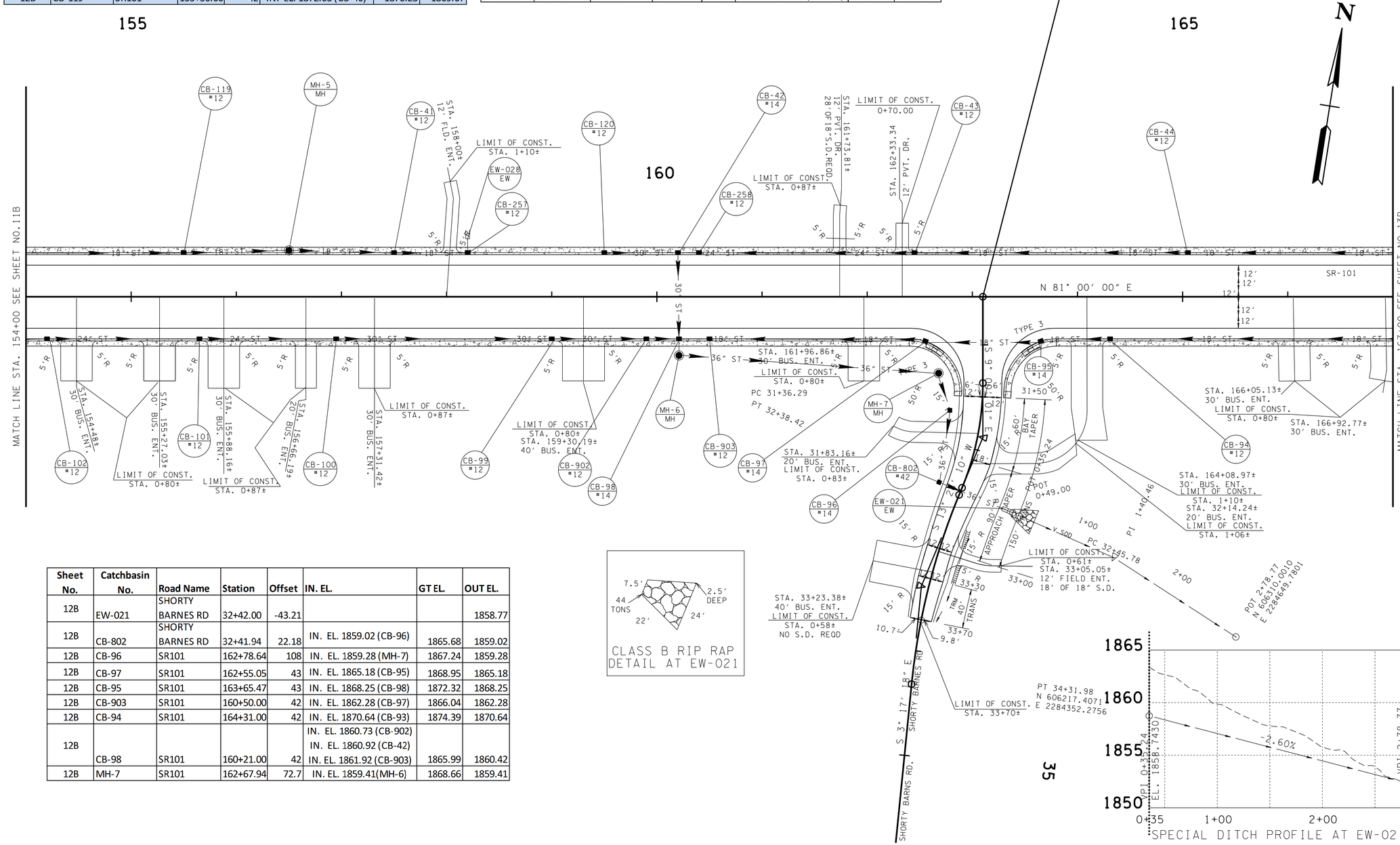
REV. 09-24-12: ADDED PROP CURVE TEXT

REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D. ADDED RIP-RAP DETAIL.

REV. 12-18-12: ADDED HANDICAP RAMPS TO SIDE ROADS.

REV. 5-22-13: UPDATE YEAR. REMOVE PVMT MARKINGS. ADDED CATCHBASINS TABLES. REVISE DRIVEWAY AT STA.164+08.97 AND STA.32+14.24. REVISED STORM SYSTEM. UPDATE ROADSIDE DITCHES. ADDED SPECIAL DITCH PROFILE. ADDED RIP RAP DETAIL. REVISE 10′ DRIVEWAY TO 12′ DRIVEWAY PER CONST REQ.

REV. 05-25-16: REVISED PROP DRAIN PER CONST REQ.REVISED SPECIAL DITCH AT EW-021.



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
12B	EW-021	SHORTY BARNES RD	32+42.00	-43.21			1858.77
12B	CB-802	SHORTY BARNES RD	32+41.94	22.18	IN. EL. 1859.02 (CB-96)	1865.68	1859.02
12B	CB-96	SR101	162+78.64	108	IN. EL. 1859.28 (MH-7)	1867.24	1859.28
12B	CB-97	SR101	162+55.05	43	IN. EL. 1865.18 (CB-95)	1868.95	1865.18
12B	CB-95	SR101	163+65.47	43	IN. EL. 1868.25 (CB-98)	1872.32	1868.25
12B	CB-903	SR101	160+50.00	42	IN. EL. 1862.28 (CB-97)	1866.04	1862.28
12B	CB-94	SR101	164+31.00	42	IN. EL. 1870.64 (CB-93)	1874.39	1870.64
12B	CB-98	SR101	160+21.00	42	IN. EL. 1860.73 (CB-902) IN. EL. 1860.92 (CB-42) IN. EL. 1861.92 (CB-903)	1865.99	1860.42
12B	MH-7	SR101	162+67.94	72.7	IN. EL. 1859.41(MH-6)	1868.66	1859.41

CLASS B RIP RAP DETAIL AT EW-021

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 154+00 TO STA. 167+00

SCALE: 1″= 50′

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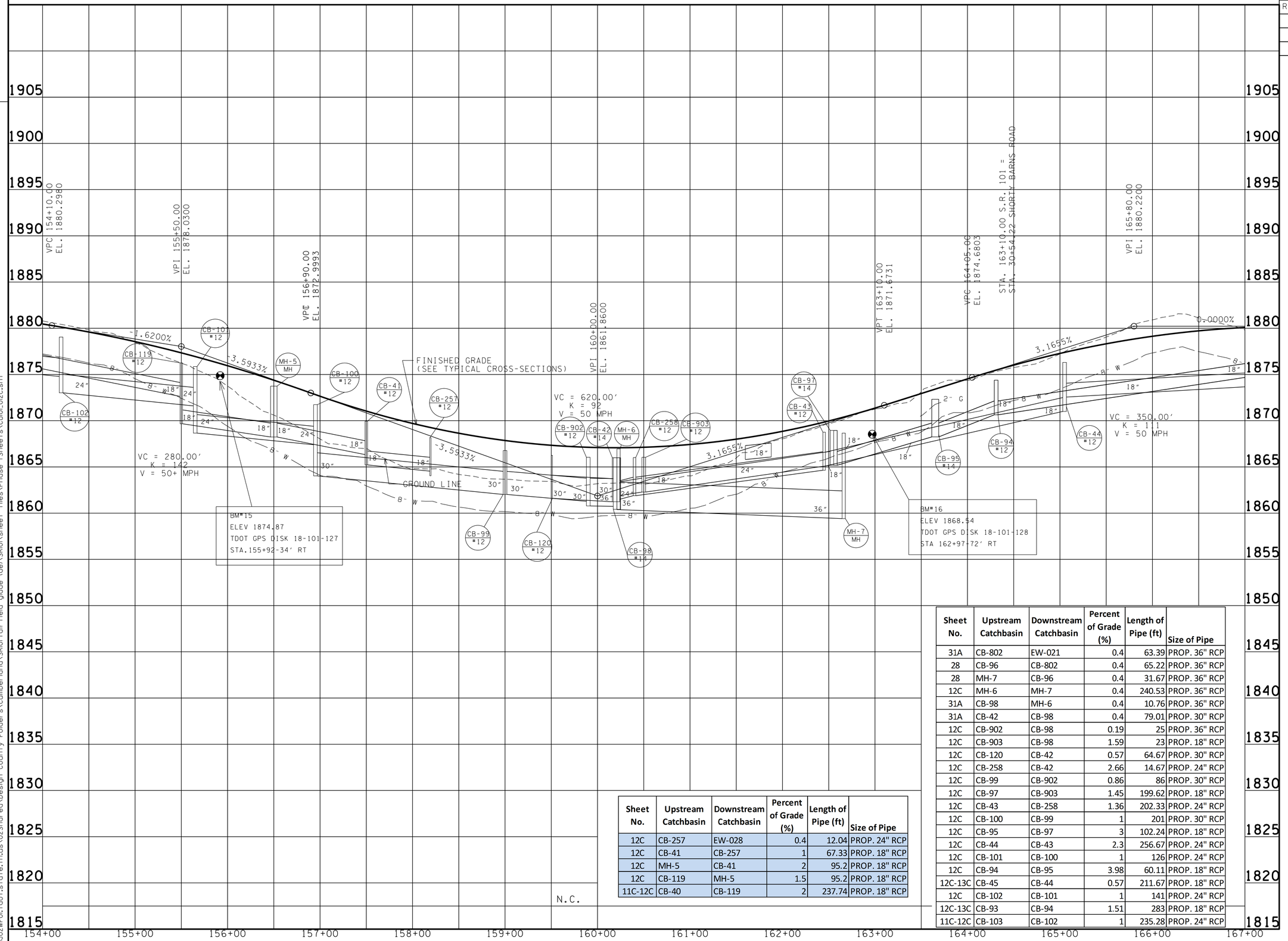
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	12C
CONST	2016	STP-101(16)	12C

REV. 11-26-12- ADDED STORM SYSTEM AND PROP PIPES

REV. 5-22-13- UPDATE YEAR. ADDED PIPE TABLES. REVISED STORM SYSTEM.

REV. 05-25-16- REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
12C	CB-257	EW-028	0.4	12.04	PROP. 24" RCP
12C	CB-41	CB-257	1	67.33	PROP. 18" RCP
12C	MH-5	CB-41	2	95.2	PROP. 18" RCP
12C	CB-119	MH-5	1.5	95.2	PROP. 18" RCP
11C-12C	CB-40	CB-119	2	237.74	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31A	CB-802	EW-021	0.4	63.39	PROP. 36" RCP
28	CB-96	CB-802	0.4	65.22	PROP. 36" RCP
28	MH-7	CB-96	0.4	31.67	PROP. 36" RCP
12C	MH-6	MH-7	0.4	240.53	PROP. 36" RCP
31A	CB-98	MH-6	0.4	10.76	PROP. 36" RCP
31A	CB-42	CB-98	0.4	79.01	PROP. 30" RCP
12C	CB-902	CB-98	0.19	25	PROP. 36" RCP
12C	CB-903	CB-98	1.59	23	PROP. 18" RCP
12C	CB-120	CB-42	0.57	64.67	PROP. 30" RCP
12C	CB-258	CB-42	2.66	14.67	PROP. 24" RCP
12C	CB-99	CB-902	0.86	86	PROP. 30" RCP
12C	CB-97	CB-903	1.45	199.62	PROP. 18" RCP
12C	CB-43	CB-258	1.36	202.33	PROP. 24" RCP
12C	CB-100	CB-99	1	201	PROP. 30" RCP
12C	CB-95	CB-97	3	102.24	PROP. 18" RCP
12C	CB-44	CB-43	2.3	256.67	PROP. 24" RCP
12C	CB-101	CB-100	1	126	PROP. 24" RCP
12C	CB-94	CB-95	3.98	60.11	PROP. 18" RCP
12C-13C	CB-45	CB-44	0.57	211.67	PROP. 18" RCP
12C	CB-102	CB-101	1	141	PROP. 24" RCP
12C-13C	CB-93	CB-94	1.51	283	PROP. 18" RCP
11C-12C	CB-103	CB-102	1	235.28	PROP. 24" RCP

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 154+00 TO STA. 167+00

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	13
CONST	2016	STP-101(16)	13

REV. 1-27-11: LABELED PROP. R.O.W., SLOPE, CONSTRUCTION, AND DRAINAGE EASEMENTS. ADDED SLOPE EASEMENT PATTERN.
REV. 5-10-12: EXTENDED PROP. R.O.W. ON TRACTS 71, 72, 73, AND 140. CORRECTED PROPERTY OWNER NAME FOR TRACT 140.
REV. 6-12-12: ADDED PARKING SPACES ON TRACT 71. MOVED DRIVE FROM STA. 167+44.09 TO STA. 167+53.34. ADDED DRIVE AT STA. 31+79.85.
REV. 7-12-12: LOCATED SIGNS ON TRACTS 64 AND 71. LOCATED UTILIES ON TRACT 64.
REV. 8-9-12: ADDED SHADING TO PROP DRIVES ON TRACT 71.

REV. 08-20-12: LABELED ROW FEATURES. ADDED SCARIFY LEGEND.

REV. 09-24-12: ADDED NORTH AND EASTING TO FAIRVIEW DR. REVISED SLOPE LINES, ADDED PROP DRAIN EASMT, AND CONST EASMT TO FAIRVIEW DR. ADDED TRACT 72S & 73S

REV. 11-26-12: ADDED DRAIN EASMT FOR TRACT 67-S

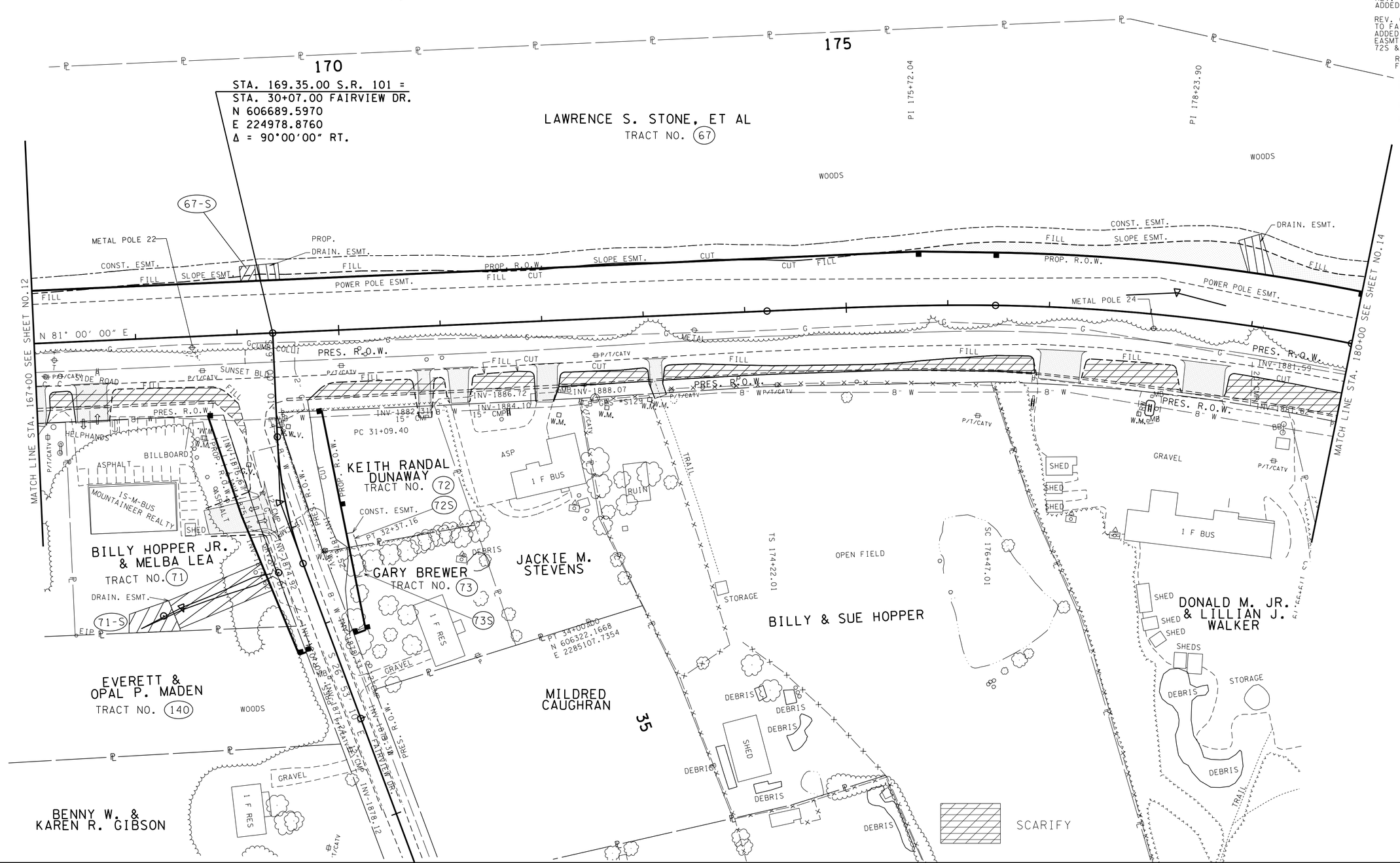
REV. 5-22-13: UPDATE YEAR. REVISE DRIVEWAY RADIUS ON TRACT 72. ADDED INFO FOR EXIST. PIPE.

REV. 5-29-13: ADDED ROW MARKERS.

REV. 5-25-16: ADDED TRACT 71-S.

PROPOSED CURVE DATA

FAIRVIEW DRIVE	S.R. 101
PI 31+73.80	PI 178+25.78
N 606,524.8500	N 606,828.9454
E 2,285,004.9700	E 2,285,858.6862
Δ 17° 53′ 09″ (LT)	Δs 17° 20′ 00″ (RT)
D 14° 00′ 00″	θs 3° 22′ 30″
R 409.26	Δc 10° 35′ 00″ (RT)
L 127.76	Dc 3° 00′ 00″
T 64.40	Rc 1,909.86
SE 0.070 FT/FT	Lc 352.78
DESIGN SPEED 30 MPH	Ts 403.77
RUNOFF 91.7′ (30% OUTSIDE, 70% INSIDE)	Ls 225.00
	SE 0.053 FT/FT
	DESIGN SPEED 50 MPH
	TRANS. LENGTH 000



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 167+00 TO STA. 180+00

SCALE: 1"= 50′

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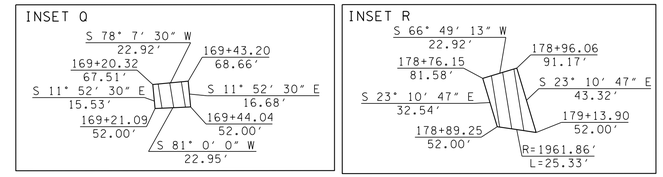
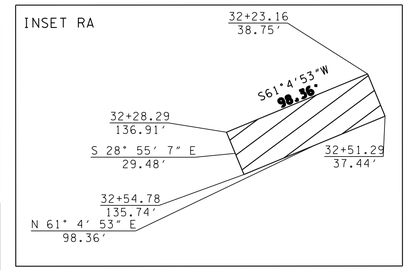
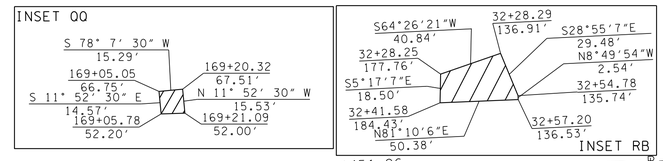
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

PROPOSED CURVE DATA

FAIRVIEW DRIVE		S.R. 101	
PI	31+73.80	PI	178+25.78
N	606,524.8500	N	606,828.9454
E	2,285,004.9700	E	2,285,858.6862
Δ	17° 53′ 09″ (LT)	Δs	17° 20′ 00″ (RT)
D	14° 00′ 00″	θs	3° 22′ 30″
R	409.26	Δc	10° 35′ 00″ (RT)
L	127.76	Dc	3° 00′ 00″
T	64.40	Rc	1,909.86
SE 0.070 FT/FT		Lc	352.78
DESIGN SPEED 30 MPH		Ts	403.77
RUNOFF 91.7′ (30% OUTSIDE, 70% INSIDE)		Ls	225.00
		SE 0.053 FT/FT	
		DESIGN SPEED 50 MPH	
		TRANS. LENGTH 000	







TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	13A
CONST	2016	STP-101(16)	13A

REV. 1-27-11: LABELED SLOPE AND CONST. EASEMENTS.
REV. 5-10-12: CORRECTED LENGTH OF DRAINAGE EASEMENT IN INSET Q. EXTENDED PROP. R.O.W. ON TRACTS 71, 72, 73 AND 140. CORRECTED PROPERTY OWNER NAME FOR TRACT 140.
REV. 6-12-12: MOVED DRIVE FROM STA. 167+44.09 TO STA. 167+53.34. ADDED DRIVE TO STA. 31+79.85.

REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.

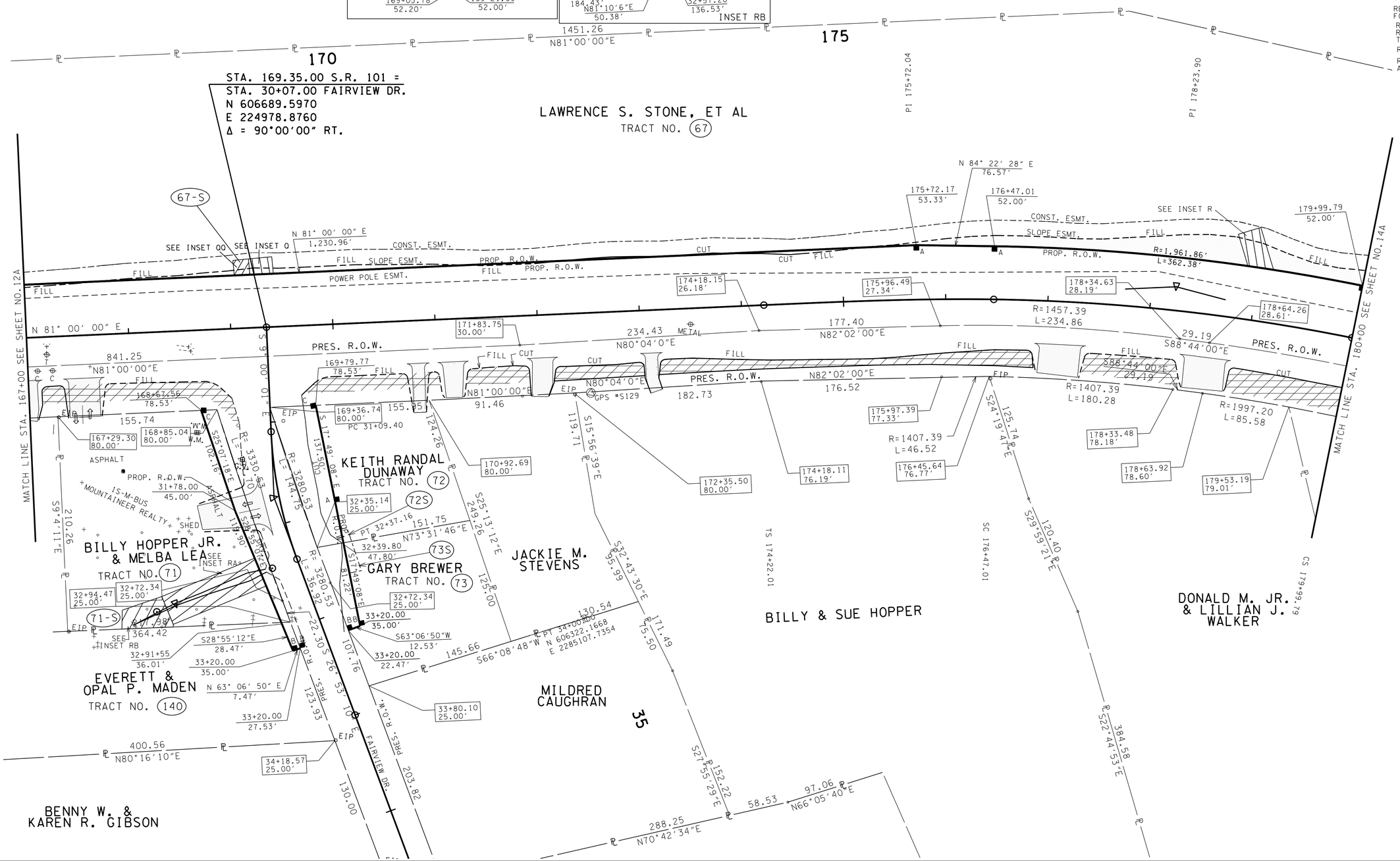
REV. 09-24-12: REVISED SPECIAL DITCHES, ADDED DRAIN EASMT, AND ADDED CONST EASMT TO FAIRVIEW DR. ADDED TRACT 72S & 73S.

REV. 11-26-12: ADDED DRAIN EASMT FOR TRACT 67-S

REV. 5-22-13: UPDATE YEAR. REVISE DRIVEWAY RADIUS ON TRACT 72.

REV. 5-29-13: ADDED ROW MARKERS.

REV. 5-25-16: ADDED TRACT 71-S AND DRAIN EASMT INSET RB.



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 167+00 TO STA. 180+00

SCALE: 1"= 50′

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

PROPOSED CURVE DATA

FAIRVIEW DRIVE
PI 31+73.80
N 606,524.8500
E 2,285,004.9700
Δ 17° 53′ 09″ (LT)
D 14° 00′ 00″
R 409.26
L 127.76
T 64.40
SE 0.070 FT/FT
DESIGN SPEED 30 MPH
RUNOFF 91.7′ (30% OUTSIDE, 70% INSIDE)

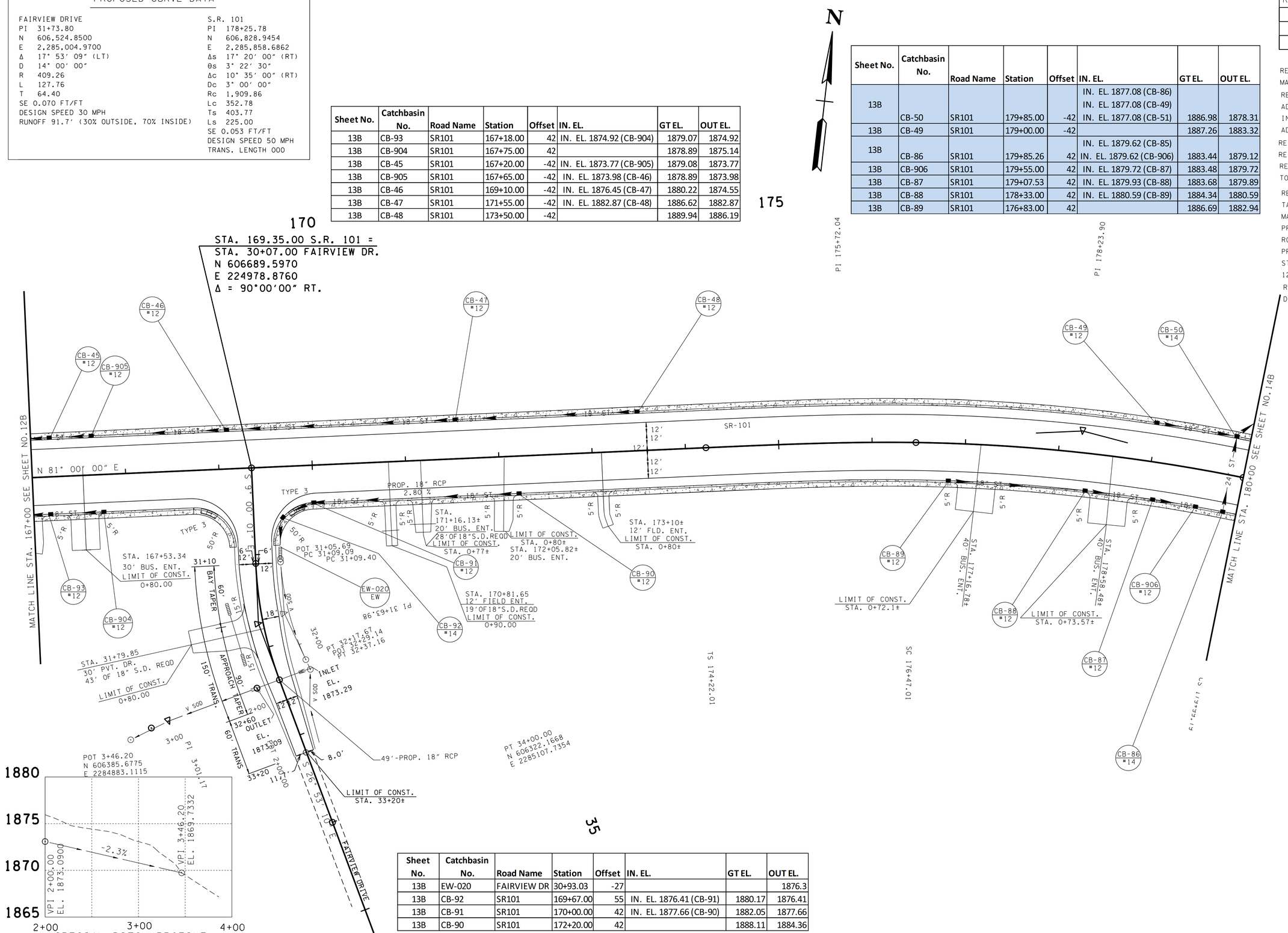
S.R. 101
PI 178+25.78
N 606,828.9454
E 2,285,858.6862
Δs 17° 20′ 00″ (RT)
θs 3° 22′ 30″
Δc 10° 35′ 00″ (RT)
Dc 3° 00′ 00″
Rc 1,909.86
Lc 352.78
Ts 403.77
Ls 225.00
SE 0.053 FT/FT
DESIGN SPEED 50 MPH
TRANS. LENGTH 000

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
13B	CB-93	SR101	167+18.00	42	IN. EL. 1874.92 (CB-904)	1879.07	1874.92
13B	CB-904	SR101	167+75.00	42		1878.89	1875.14
13B	CB-45	SR101	167+20.00	-42	IN. EL. 1873.77 (CB-905)	1879.08	1873.77
13B	CB-905	SR101	167+65.00	-42	IN. EL. 1873.98 (CB-46)	1878.89	1873.98
13B	CB-46	SR101	169+10.00	-42	IN. EL. 1876.45 (CB-47)	1880.22	1874.55
13B	CB-47	SR101	171+55.00	-42	IN. EL. 1882.87 (CB-48)	1886.62	1882.87
13B	CB-48	SR101	173+50.00	-42		1889.94	1886.19

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
13B	CB-50	SR101	179+85.00	-42	IN. EL. 1877.08 (CB-86) IN. EL. 1877.08 (CB-49) IN. EL. 1877.08 (CB-51)	1886.98	1878.31
13B	CB-49	SR101	179+00.00	-42		1887.26	1883.32
13B	CB-86	SR101	179+85.26	42	IN. EL. 1879.62 (CB-85) IN. EL. 1879.62 (CB-906)	1883.44	1879.12
13B	CB-906	SR101	179+55.00	42	IN. EL. 1879.72 (CB-87)	1883.48	1879.72
13B	CB-87	SR101	179+07.53	42	IN. EL. 1879.93 (CB-88)	1883.68	1879.89
13B	CB-88	SR101	178+33.00	42	IN. EL. 1880.59 (CB-89)	1884.34	1880.59
13B	CB-89	SR101	176+83.00	42		1886.69	1882.94

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	13B
CONST.	2016	STP-101(16)	13B

REV. 08-20-12 - ADDED PAVEMENT MARKINGS.
REV. 09-24-12 - REVISED DITCHES, ADDED SPECIAL DITCH, AND ADDED INLET & OUTLET FOR PIPE ON FAIRVIEW DR. ADDED PROP CURVE TEXT.
REV. 11-26-12 - ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.
REV. 12-18-12 - ADDED HANDICAP RAMPS TO SIDE ROADS.
REV. 5-22-13 - ADDED CATCHBASIN TABLE. UPDATE YEAR. REMOVE PVMT MARKINGS. ADDED SPECIAL DITCH PROFILE FOR FAIR VIEW DRIVE. UPDATE ROADSIDE DITCHES. ADDED SPECIAL DITCH PROFILE. REVISE DRIVEWAY RADIUS AT STA.170+81.65 RT. REVISE 10′ DRIVEWAY TO 12′ DRIVEWAYS PER CONST REQ.
REV. 05-25-16 - REVISED PROP DRAIN PER CONST REQ.



SPECIAL DITCH PROFILE
AT STA.32+37.00± FAIRVIEW DR.

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
13B	EW-020	FAIRVIEW DR	30+93.03	-27			1876.3
13B	CB-92	SR101	169+67.00	55	IN. EL. 1876.41 (CB-91)	1880.17	1876.41
13B	CB-91	SR101	170+00.00	42	IN. EL. 1877.66 (CB-90)	1882.05	1877.66
13B	CB-90	SR101	172+20.00	42		1888.11	1884.36

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 167+00 TO STA. 180+00

SCALE: 1″= 50′

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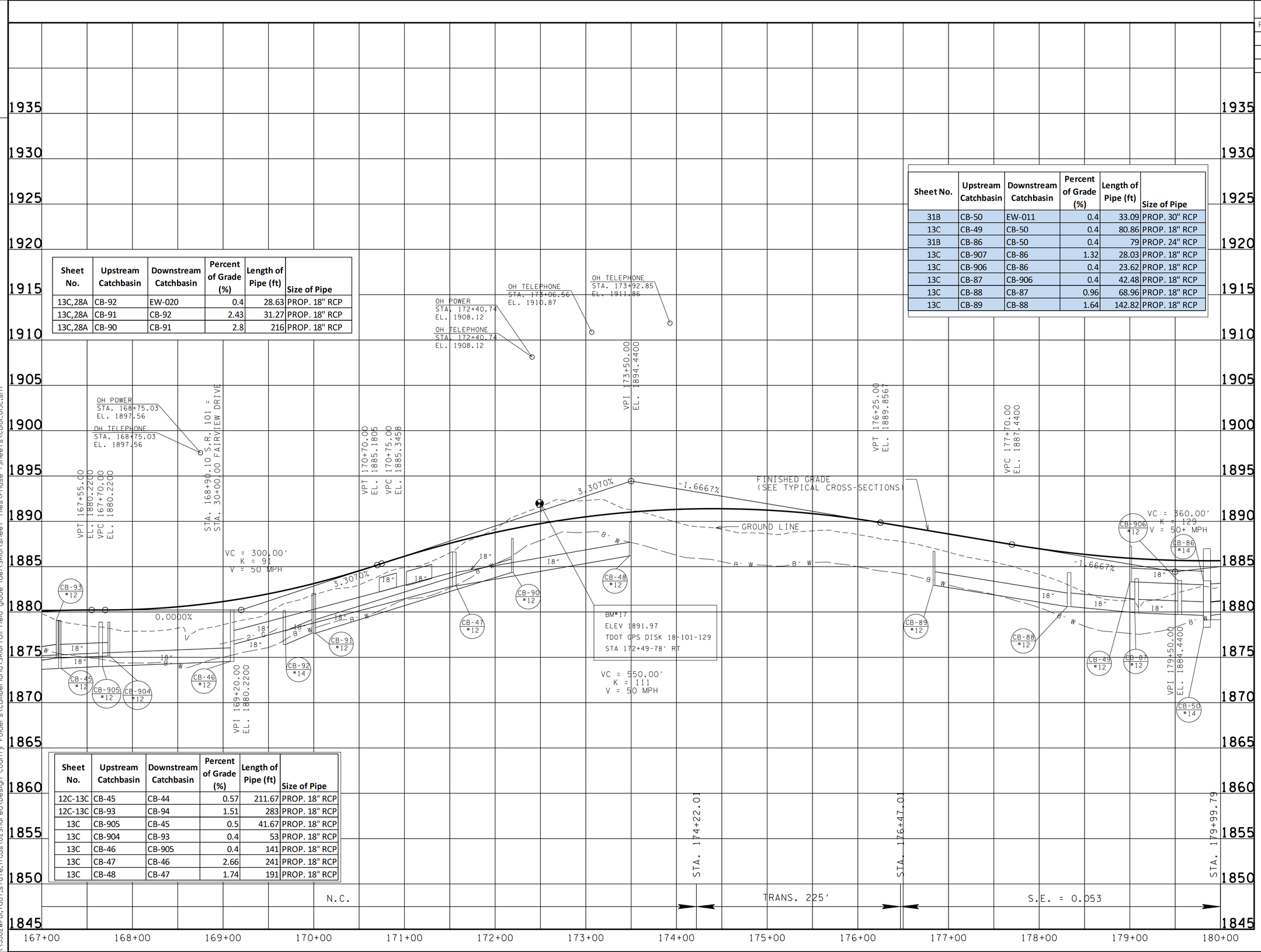
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	13C
CONST	2016	STP-101(16)	13C

REV. 11-26-12-ADDED STORM SYSTEM AND PROP PIPES

REV. 5-22-13-UPDATE YEAR. ADDED PIPE TABLES.

REV. 05-25-16-REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
13C,28A	CB-92	EW-020	0.4	28.63	PROP. 18" RCP
13C,28A	CB-91	CB-92	2.43	31.27	PROP. 18" RCP
13C,28A	CB-90	CB-91	2.8	216	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31B	CB-50	EW-011	0.4	33.09	PROP. 30" RCP
13C	CB-49	CB-50	0.4	80.86	PROP. 18" RCP
31B	CB-86	CB-50	0.4	79	PROP. 24" RCP
13C	CB-907	CB-86	1.32	28.03	PROP. 18" RCP
13C	CB-906	CB-86	0.4	23.62	PROP. 18" RCP
13C	CB-87	CB-906	0.4	42.48	PROP. 18" RCP
13C	CB-88	CB-87	0.96	68.96	PROP. 18" RCP
13C	CB-89	CB-88	1.64	142.82	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
12C-13C	CB-45	CB-44	0.57	211.67	PROP. 18" RCP
12C-13C	CB-93	CB-94	1.51	283	PROP. 18" RCP
13C	CB-905	CB-45	0.5	41.67	PROP. 18" RCP
13C	CB-904	CB-93	0.4	53	PROP. 18" RCP
13C	CB-46	CB-905	0.4	141	PROP. 18" RCP
13C	CB-47	CB-46	2.66	241	PROP. 18" RCP
13C	CB-48	CB-47	1.74	191	PROP. 18" RCP

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 167+00 TO STA. 180+00

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	14
CONST	2016	STP-101(16)	14

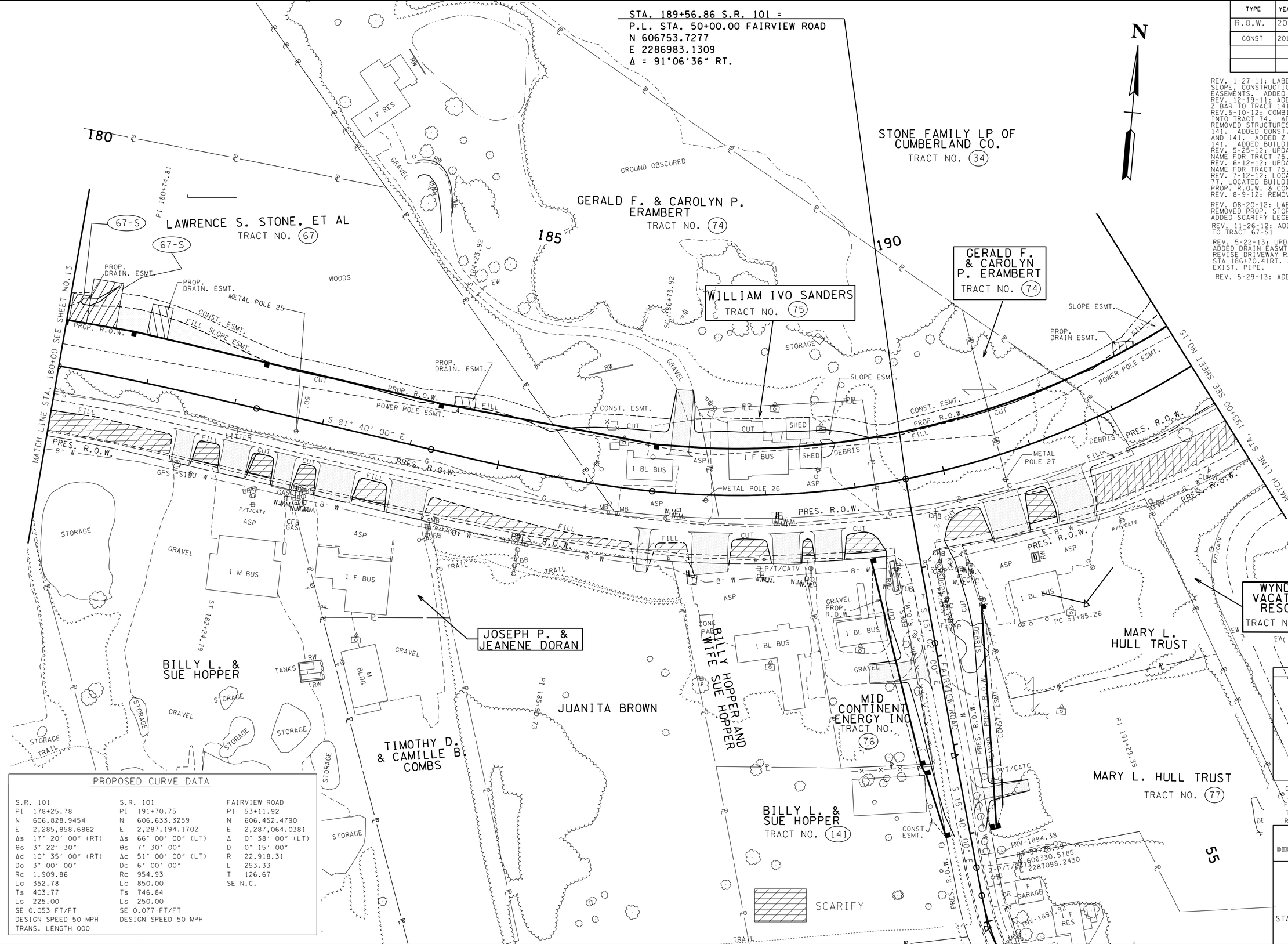
REV. 1-27-11: LABELED PROP. R.O.W., SLOPE, CONSTRUCTION, AND DRAINAGE EASEMENTS. ADDED SLOPE EASEMENT PATTERN.
REV. 12-19-11: ADDED PROPERTY LINE AND Z BAR TO TRACT 141.
REV. 5-10-12: COMBINED TRACT 74 AND 78 INTO TRACT 74. ADDED Z BAR TO TRACT 74. REMOVED STRUCTURES ON TRACTS 74, 77 AND 141. ADDED CONST. ESMT. ON TRACTS 76 AND 141. ADDED Z BAR ON TRACTS 77 AND 141. ADDED BUILDING TO TRACT 141.
REV. 5-25-12: UPDATED PROPERTY OWNER NAME FOR TRACT 75.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACT 75.
REV. 7-12-12: LOCATED UTILITES ON TRACT 77. LOCATED BUILDING ON TRACT 74. UPDATED PROP. R.O.W. & CONST. ESMT. FOR TRACT 141.
REV. 8-9-12: REMOVED "Z" BAR FROM TRACT 141.

REV. 08-20-12: LABELED ROW FEATURES. REMOVED PROP. STORM DRAIN SYSTEM. ADDED SCARIFY LEGEND.

REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 67-S1

REV. 5-22-13: UPDATE YEAR. ADDED DRAIN EASMT TO TRACT 67-S. REVISE DRIVEWAY RADIUS AT STA 186+70.41RT. ADDED INFO FOR EXIST. PIPE.

REV. 5-29-13: ADDED ROW MARKERS.



PROPOSED CURVE DATA

S.R. 101	S.R. 101	FAIRVIEW ROAD
PI 178+25.78	PI 191+70.75	PI 53+11.92
N 606,828.9454	N 606,633.3259	N 606,452.4790
E 2,285,858.6862	E 2,287,194.1702	E 2,287,064.0381
Δs 17° 20′ 00″ (RT)	Δs 66° 00′ 00″ (LT)	Δ 0° 38′ 00″ (LT)
θs 3° 22′ 30″	θs 7° 30′ 00″	D 0° 15′ 00″
Δc 10° 35′ 00″ (RT)	Δc 51° 00′ 00″ (LT)	R 22,918.31
Dc 3° 00′ 00″	Dc 6° 00′ 00″	L 253.33
Rc 1,909.86	Rc 954.93	T 126.67
Lc 352.78	Lc 850.00	SE N.C.
Ts 403.77	Ts 746.84	
Ls 225.00	Ls 250.00	
SE 0.053 FT/FT	SE 0.077 FT/FT	
DESIGN SPEED 50 MPH	DESIGN SPEED 50 MPH	
TRANS. LENGTH 000		

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 180+00 TO STA. 193+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	14A
CONST	2016	STP-101(16)	14A

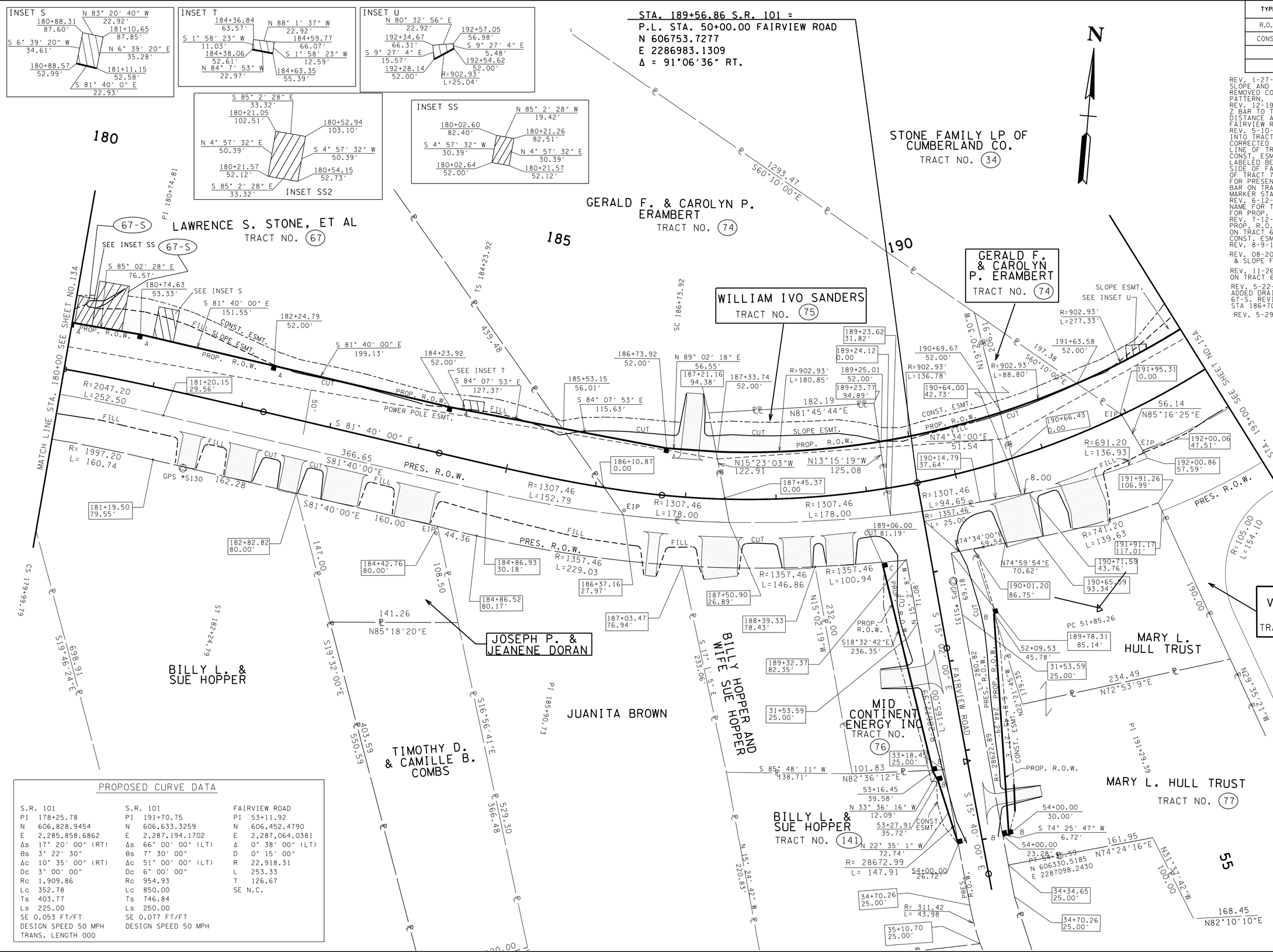
REV. 1-27-11: LABELED PROPOSED R.O.W., SLOPE AND CONSTRUCTION EASEMENTS. REMOVED CONSTRUCTION EASEMENT PATTERN.
REV. 12-19-11: ADDED PROPERTY LINE AND Z BAR TO TRACT 141. CORRECTED BEARING/ DISTANCE AND STATION/OFFSET LABELS FOR FAIRVIEW ROAD, STA. 54+00.00.
REV. 5-10-12: COMBINED TRACT 74 AND 78 INTO TRACT 74. ADDED Z BAR TO TRACT 74. CORRECTED BEARING ON EASTERN PROPERTY LINE OF TRACT 75, STA. 191+25. ADDED CONST. ESMT. ON TRACTS 76 AND 141. LABELED BEARING ON PRES. R.O.W. ON RIGHT SIDE OF FAIRVIEW RD. AND ON NORTH SIDE OF TRACT 77. CORRECTED RADIUS LENGTH FOR PRESENT R.O.W., TRACT 141. ADDED Z BAR ON TRACTS 77 AND 141. ADDED R.O.W. MARKER STA. 189+06.
REV. 6-12-12: UPDATED PROPERTY OWNER NAME FOR TRACT 75. CORRECTED DISTANCE FOR PROP. R.O.W. IN INSET T.
REV. 7-12-12: CORRECTED DISTANCE FOR PROP. R.O.W. IN INSET T. LOCATED SIGN ON TRACT 67. UPDATED PROP. R.O.W. AND CONST. ESMT. FOR TRACT 141.
REV. 8-9-12: REMOVED "Z" BAR FROM TRACT 141.

REV. 08-20-12: LABELED R.O.W. FEATURE & SLOPE FEATURES.

REV. 11-26-12: ADDED DRAIN EASMT ON TRACT 67-S1.

REV. 5-22-13: UPDATE YEAR. ADDED DRAIN EASMT FOR TRACT 67-S. REVISE DRIVEWAY RADIUS AT STA 186+70.41.

REV. 5-29-13: ADDED ROW MARKERS



PROPOSED CURVE DATA

S.R. 101	S.R. 101	FAIRVIEW ROAD
PI 178+25.78	PI 191+70.75	PI 53+11.92
N 606,828.9454	N 606,633.3259	N 606,452.4790
E 2,285,858.6862	E 2,287,194.1702	E 2,287,064.0381
Δs 17° 20' 00" (RT)	Δs 66° 00' 00" (LT)	Δ 0° 38' 00" (LT)
θs 3° 22' 30"	θs 7° 30' 00"	D 0° 15' 00"
Δc 10° 35' 00" (RT)	Δc 51° 00' 00" (LT)	R 22,918.31
Dc 3° 00' 00"	Dc 6° 00' 00"	L 253.33
Rc 1,909.86	Rc 954.93	T 126.67
Lc 352.78	Lc 850.00	SE N.C.
Ts 403.77	Ts 746.84	
Ls 225.00	Ls 250.00	
SE 0.053 FT/FT	SE 0.077 FT/FT	
DESIGN SPEED 50 MPH	DESIGN SPEED 50 MPH	
TRANS. LENGTH 000		

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	14B
CONST	2016	STP-101(16)	14B

REV. 08-20-12 - ADDED PAVEMENT MARKINGS.
REV. 11-26-12 - ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.
REV. 11-26-12 - ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.
REV. 12-18-12 - ADDED HANDICAP RAMP TO SIDE ROADS. ADJUSTED LOCATION ON CB-79 & CB-80.
REV. 5-22-13 - REMOVED PVMT MARKINGS. ADDED CATCHBASIN TABLE. UPDATE YEAR. ADDED DRIVEWAY RADIUS. ADDED SPECIAL DITCH PROFILE. UPDATE ROADSIDE DITCHES. REVISE DRIVEWAY RADIUS AT STA 186+70.41. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.
REV. 5-25-16 - REVISED PROP DRAIN PER CONST REQ.

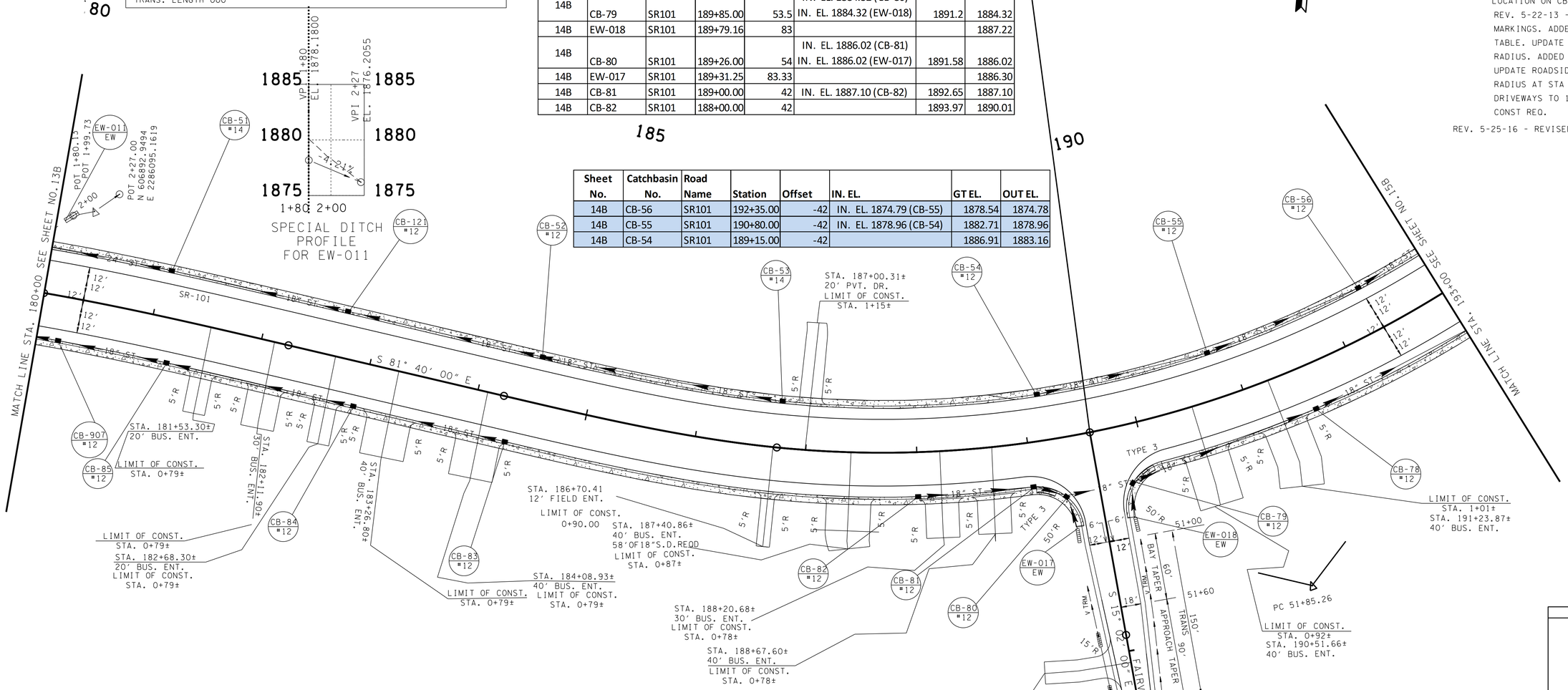
PROPOSED CURVE DATA

S.R. 101	S.R. 101	FAIRVIEW ROAD
PI 178+25.78	PI 191+70.75	PI 53+11.92
N 606,828.9454	N 606,633.3259	N 606,452.4790
E 2,285,858.6862	E 2,287,194.1702	E 2,287,064.0381
Δs 17° 20′ 00″ (RT)	Δs 66° 00′ 00″ (LT)	Δ 0° 38′ 00″ (LT)
θs 3° 22′ 30″	θs 7° 30′ 00″	D 0° 15′ 00″
Δc 10° 35′ 00″ (RT)	Δc 51° 00′ 00″ (LT)	R 22,918.31
Dc 3° 00′ 00″	Dc 6° 00′ 00″	L 253.33
Rc 1,909.86	Rc 954.93	T 126.67
Lc 352.78	Lc 850.00	SE N.C.
Ts 403.77	Ts 746.84	
Ls 225.00	Ls 250.00	
SE 0.053 FT/FT	SE 0.077 FT/FT	
DESIGN SPEED 50 MPH	DESIGN SPEED 50 MPH	
TRANS. LENGTH 000		

STA. 189+56.86 S.R. 101 =
P.L. STA. 50+00.00 FAIRVIEW ROAD
N 606753.7277
E 2286983.1309
Δ = 91°06′36″ RT.

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
14B	CB-78	SR101	191+54.00	42	IN. EL. 1882.28 (CB-79)	1886.03	1882.28
14B	CB-79	SR101	189+85.00	53.5	IN. EL. 1884.32 (CB-80) IN. EL. 1884.32 (EW-018)	1891.2	1884.32
14B	EW-018	SR101	189+79.16	83			1887.22
14B	CB-80	SR101	189+26.00	54	IN. EL. 1886.02 (CB-81) IN. EL. 1886.02 (EW-017)	1891.58	1886.02
14B	EW-017	SR101	189+31.25	83.33			1886.30
14B	CB-81	SR101	189+00.00	42	IN. EL. 1887.10 (CB-82)	1892.65	1887.10
14B	CB-82	SR101	188+00.00	42		1893.97	1890.01

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
14B	CB-56	SR101	192+35.00	-42	IN. EL. 1874.79 (CB-55)	1878.54	1874.78
14B	CB-55	SR101	190+80.00	-42	IN. EL. 1878.96 (CB-54)	1882.71	1878.96
14B	CB-54	SR101	189+15.00	-42		1886.91	1883.16



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
14B	EW-011	SR101	180+07.30	-67.31			1878.18
14B	CB-51	SR101	181+08.00	-42	IN. EL. 1882.52 (CB-121)	1886.29	1882.02
14B	CB-121	SR101	182+70.00	-42	IN. EL. 1883.20 (CB-52)	1886.95	1883.2
14B	CB-907	SR101	180+20.00	-42	IN. EL. 1879.99 (CB-85)	1883.75	1879.99
14B	CB-52	SR101	184+50.00	-42	IN. EL. 1884.00 (CB-53)	1888.97	1884.00
14B	CB-85	SR101	181+21.00	42	IN. EL. 1881.53 (CB-84)	1885.28	1881.53
14B	CB-53	SR101	186+75.00	-42		1888.94	1885.07
14B	CB-84	SR101	182+94.00	42	IN. EL. 1883.47 (CB-83)	1887.22	1883.47
14B	CB-83	SR101	184+34.00	42		1888.91	1885.16

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 180+00 TO STA. 193+00

SCALE: 1"= 50′

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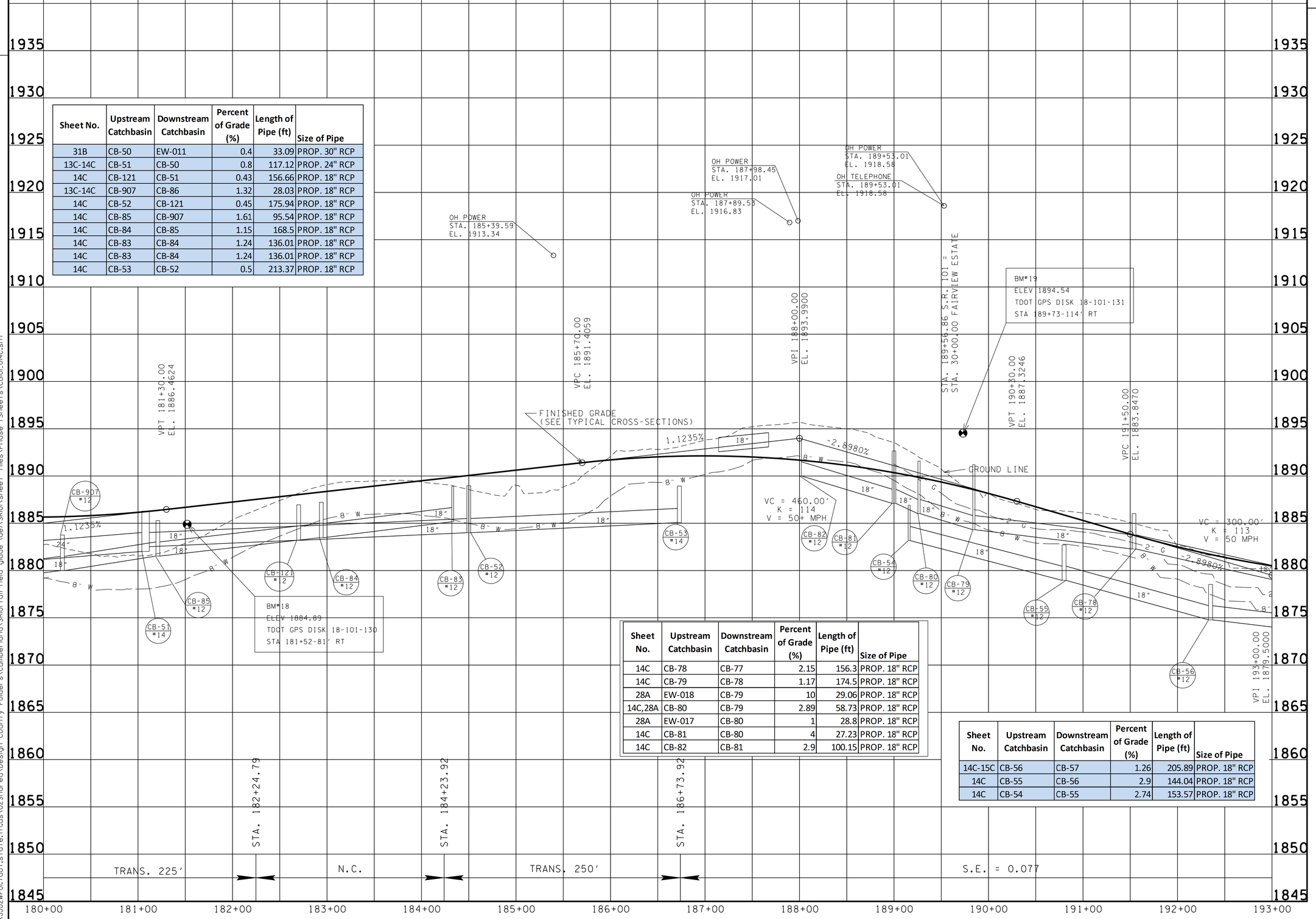
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	14C
CONST	2016	STP-101(16)	14C

REV.11-26-12- ADDED STORM SYSTEM AND PROP PIPES
REV.12-18-12- ADJUSTED LOCATION OF CB-79 & CB-80.
REV.5-22-13- UPDATE YEAR. ADDED PIPE TABLE.
REV.5-25-16- REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31B	CB-50	EW-011	0.4	33.09	PROP. 30" RCP
13C-14C	CB-51	CB-50	0.8	117.12	PROP. 24" RCP
14C	CB-121	CB-51	0.43	156.66	PROP. 18" RCP
13C-14C	CB-907	CB-86	1.32	28.03	PROP. 18" RCP
14C	CB-52	CB-121	0.45	175.94	PROP. 18" RCP
14C	CB-85	CB-907	1.61	95.54	PROP. 18" RCP
14C	CB-84	CB-85	1.15	168.5	PROP. 18" RCP
14C	CB-83	CB-84	1.24	136.01	PROP. 18" RCP
14C	CB-83	CB-84	1.24	136.01	PROP. 18" RCP
14C	CB-53	CB-52	0.5	213.37	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
14C	CB-78	CB-77	2.15	156.3	PROP. 18" RCP
14C	CB-79	CB-78	1.17	174.5	PROP. 18" RCP
28A	EW-018	CB-79	10	29.06	PROP. 18" RCP
14C,28A	CB-80	CB-79	2.89	58.73	PROP. 18" RCP
28A	EW-017	CB-80	1	28.8	PROP. 18" RCP
14C	CB-81	CB-80	4	27.23	PROP. 18" RCP
14C	CB-82	CB-81	2.9	100.15	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
14C-15C	CB-56	CB-57	1.26	205.89	PROP. 18" RCP
14C	CB-55	CB-56	2.9	144.04	PROP. 18" RCP
14C	CB-54	CB-55	2.74	153.57	PROP. 18" RCP

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 180+00 TO STA. 193+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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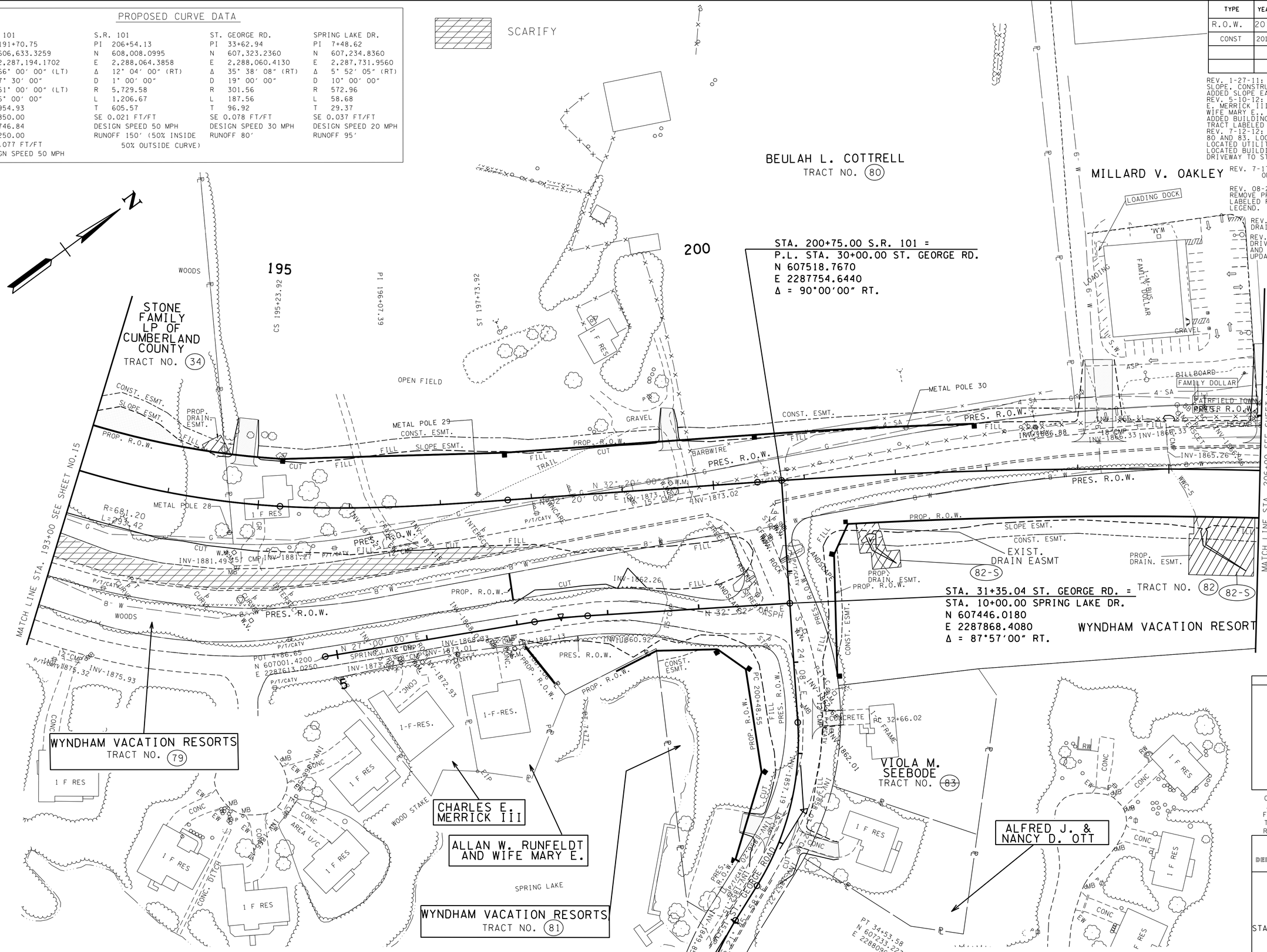
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	15
CONST	2016	STP-101(16)	15

REV. 1-27-11: LABELED POPOSED R.O.W., SLOPE, CONSTRUCTION, AND DRN. ESMT. ADDED SLOPE EASEMENT PATTERN.
REV. 5-10-12: ADDED TRACTS FOR CHARLES E. MERRICK III, ALLAN W. RUNFELDT AND WIFE MARY E., AND MILLARD V. OAKLEY. ADDED BUILDING AND PARKING LOT ON TRACT LABELED MILLARD V. OADLEY.
REV. 7-12-12: LOCATED DRIVE ON TRACTS 80 AND 83. LOCATED SIGNS ON TRACT 80. LOCATED UTILITIES ON TRACTS 80 AND 83. LOCATED BUILDING ON TRACT 83. ADDED DRIVEWAY TO STATION 204+23.39.
REV. 7-17-12: REMOVED DRAIN. EASMT ON TRACT 79
REV. 08-20-12: ADDED WWC-5. REMOVE PROP.STORM DRAIN SYSTEM. LABELED ROW FEATURES. ADDED SCARIFY LEGEND.
REV. 11-26-12: ADDED PROP DRAIN EASMT TO TRACT 82-S,82-S1
REV. 5-22-13: ADDED PROP DRIVEWAY AT STA. 206+15.25 AND STA.32+63.98(ST.GEORGE RD). UPDATED YEAR. ADDED DRAIN EASMT TO TRACT 82-S. ADDED INFO FOR EXIST. PIPE.
REV. 5-29-13: ADDED ROW MARKERS.
REV. 7-09-13: REVISE PROPERTY OWNER ON TRACT 82.

PROPOSED CURVE DATA

S.R. 101	S.R. 101	ST. GEORGE RD.	SPRING LAKE DR.
PI 191+70.75	PI 206+54.13	PI 33+62.94	PI 7+48.62
N 606,633.3259	N 608,008.0995	N 607,323.2360	N 607,234.8360
E 2,287,194.1702	E 2,288,064.3858	E 2,288,060.4130	E 2,287,731.9560
Δs 66° 00′ 00″ (LT)	Δ 12° 04′ 00″ (RT)	Δ 35° 38′ 08″ (RT)	Δ 5° 52′ 05″ (RT)
θs 7° 30′ 00″	D 1° 00′ 00″	D 19° 00′ 00″	D 10° 00′ 00″
Δc 51° 00′ 00″ (LT)	R 5,729.58	R 301.56	R 572.96
Dc 6° 00′ 00″	L 1,206.67	L 187.56	L 58.68
Rc 954.93	T 605.57	T 96.92	T 29.37
Lc 850.00	SE 0.021 FT/FT	SE 0.078 FT/FT	SE 0.037 FT/FT
Ts 746.84	DESIGN SPEED 50 MPH	DESIGN SPEED 30 MPH	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 150′ (50% INSIDE 50% OUTSIDE CURVE)	RUNOFF 80′	RUNOFF 95′
SE 0.077 FT/FT			
DESIGN SPEED 50 MPH			



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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 193+00 TO STA. 206+00

SCALE: 1"= 50'

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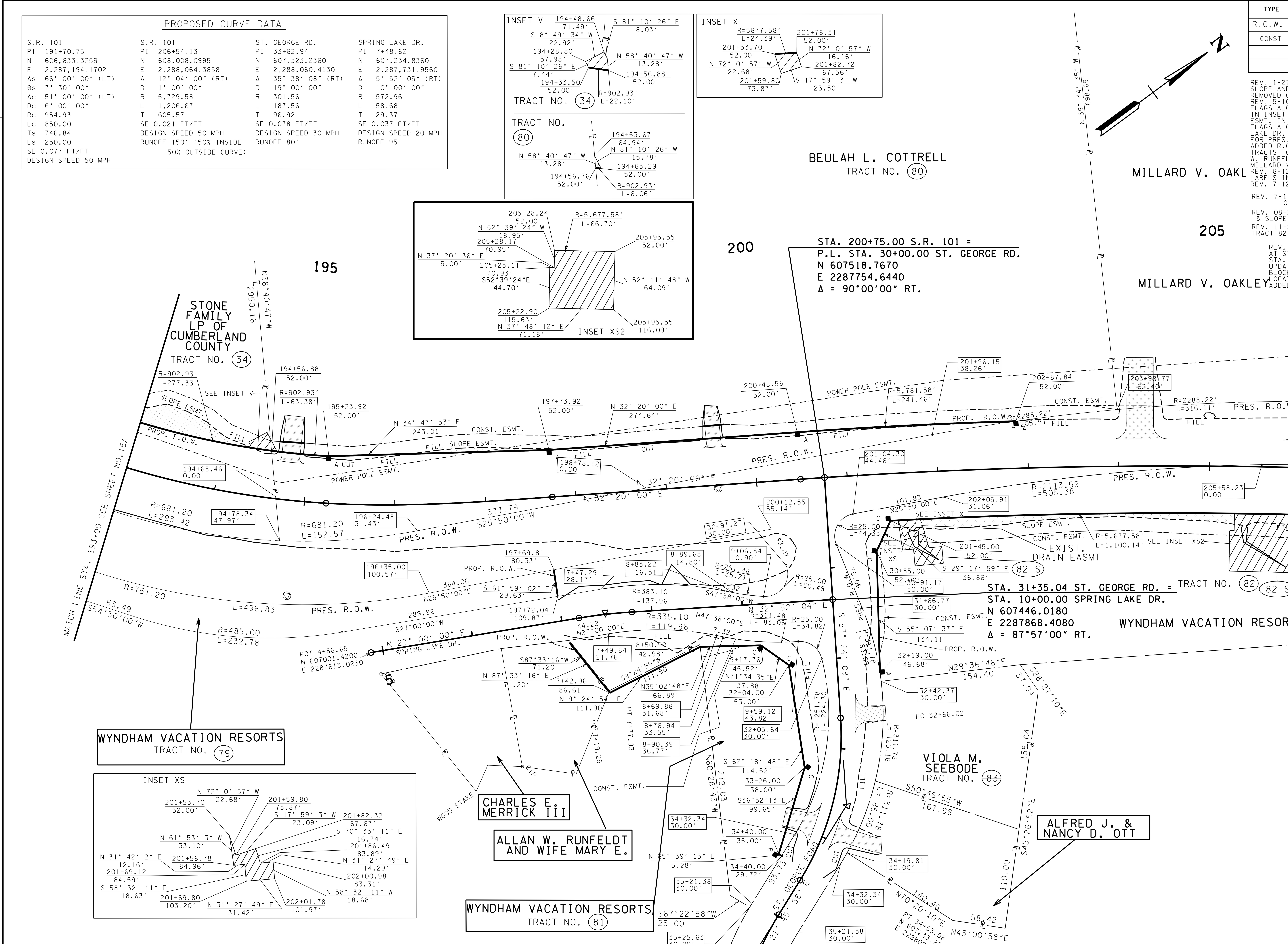
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	15A
CONST	2016	STP-101(16)	15A

PROPOSED CURVE DATA

S.R. 101	S.R. 101	ST. GEORGE RD.	SPRING LAKE DR.
PI 191+70.75	PI 206+54.13	PI 33+62.94	PI 7+48.62
N 606,633.3259	N 608,008.0995	N 607,323.2360	N 607,234.8360
E 2,287,194.1702	E 2,288,064.3858	E 2,288,060.4130	E 2,287,731.9560
Δs 66° 00′ 00″ (LT)	Δ 12° 04′ 00″ (RT)	Δ 35° 38′ 08″ (RT)	Δ 5° 52′ 05″ (RT)
θs 7° 30′ 00″	D 1° 00′ 00″	D 19° 00′ 00″	D 10° 00′ 00″
Δc 51° 00′ 00″ (LT)	R 5,729.58	R 301.56	R 572.96
Dc 6° 00′ 00″	L 1,206.67	L 187.56	L 58.68
Rc 954.93	T 605.57	T 96.92	T 29.37
Lc 850.00	SE 0.021 FT/FT	SE 0.078 FT/FT	SE 0.037 FT/FT
Ts 746.84	DESIGN SPEED 50 MPH	DESIGN SPEED 30 MPH	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 150′ (50% INSIDE 50% OUTSIDE CURVE)	RUNOFF 80′	RUNOFF 95′
SE 0.077 FT/FT			
DESIGN SPEED 50 MPH			



REV. 1-27-11: LABELED PROP. R.O.W., SLOPE AND CONSTRUCTION EASEMENTS. REMOVED CONSTRUCTION EASEMENT PATTERN.
REV. 5-10-12: CORRECTED RADIUS/LENGTH FLAGS ALONG PRES. R.O.W. FOR DRAIN. ESMT. IN INSET V. CORRECTED LENGTH OF DRAIN. ESMT. IN INSET X. CORRECTED STA./OFFSET FLAGS ALONG PRES. R.O.W. ALONG SPRING LAKE DR. CORRECTED RADIUS/LENGTH FLAGS FOR PRES. AND PROP. R.O.W. ON TRACT 80. ADDED R.O.W. MARKER, STA. 202+87. ADDED TRACTS FOR CHARLES E. MERRICK III, ALLAN W. RUNFELDT AND WIFE MARY E., AND MILLARD V. OAKLEY.
REV. 6-12-12: UPDATED DRN. ESMT. AREA LABELS IN INSET V.
REV. 7-12-12: ADDED DRIVE STA. 204+23.39.
REV. 7-17-12: REMOVED DRAIN. EASMT ON TRACT 79
REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.
REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 82-S,82-S1
REV. 5-22-13: ADDED PROP DRIVEWAY AT STA. 206+15.25 AND STA. 32+63.98(ST.GEORGE RD). UPDATED YEAR. MOVED BLOCK INSET X. ADDED NE AND STA. LOCATION AT ST GEORGE AND SPRING LAKE ADDED DRAIN EASMT TO TRACT 82-S.
REV. 5-29-13: ADDED ROW MARKERS.
REV. 7-09-13: REVISE PROPERTY OWNER ON TRACT 82.
REV. 7-10-15: REVISED INSET XS2 PER ROW REQ.

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.13 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 193+00 TO STA. 206+00

SCALE: 1″= 50′

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

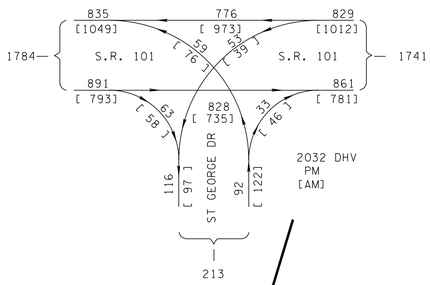
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	15B
CONST	2016	STP-101(16)	15B

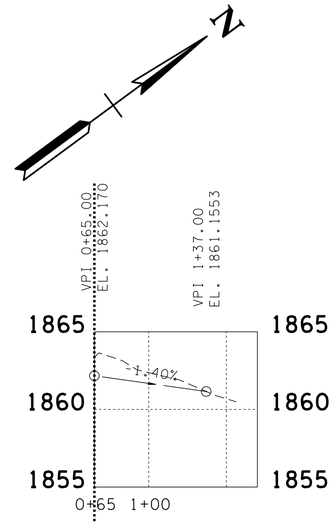
REV. 7-12-12: ADDED DRIVE STA. 204+23.39.
REV. 08-20-12: ADDED WWC-5.
ADDED PAVEMENT MARKINGS.
REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEM.ADDED PROP S.D. ADDED RIP RAP DETAIL.
REV. 12-18-12: ADDED HANDICAP RAMPS TO SIDE ROADS.
REV. 5-22-13: ADDED PROP. DRIVEWAY AT STA. 206+15.25 AND STA 32+63.98(ST. GEORGE RD). REMOVE PVMT MARKINGS. ADDED INTERSECTION NE AT ST GEORGE AND SPRING LAKE. UPDATED YEAR. REVISED LIMITS OF CONST ON PVT DR ON ST GEORGE RD. ADDED STORM TABLES.ADDED DRIVEWAY RADIUS. REVISED LIMITS OF CONST ON PROP. DRIVEWAYS ON ST.GEORGE RD. ADDED SPECIAL DITCH PROFILES. REVISED RIP RAP DETAIL. UPDATE ROADSIDE DITCHES.
REV. 5-29-13: ADDED TRANSITION TO ST GEORGE RD.
REV. 5-25-16: REVISED PROP DRAIN PER CONST REQ.

PROPOSED CURVE DATA

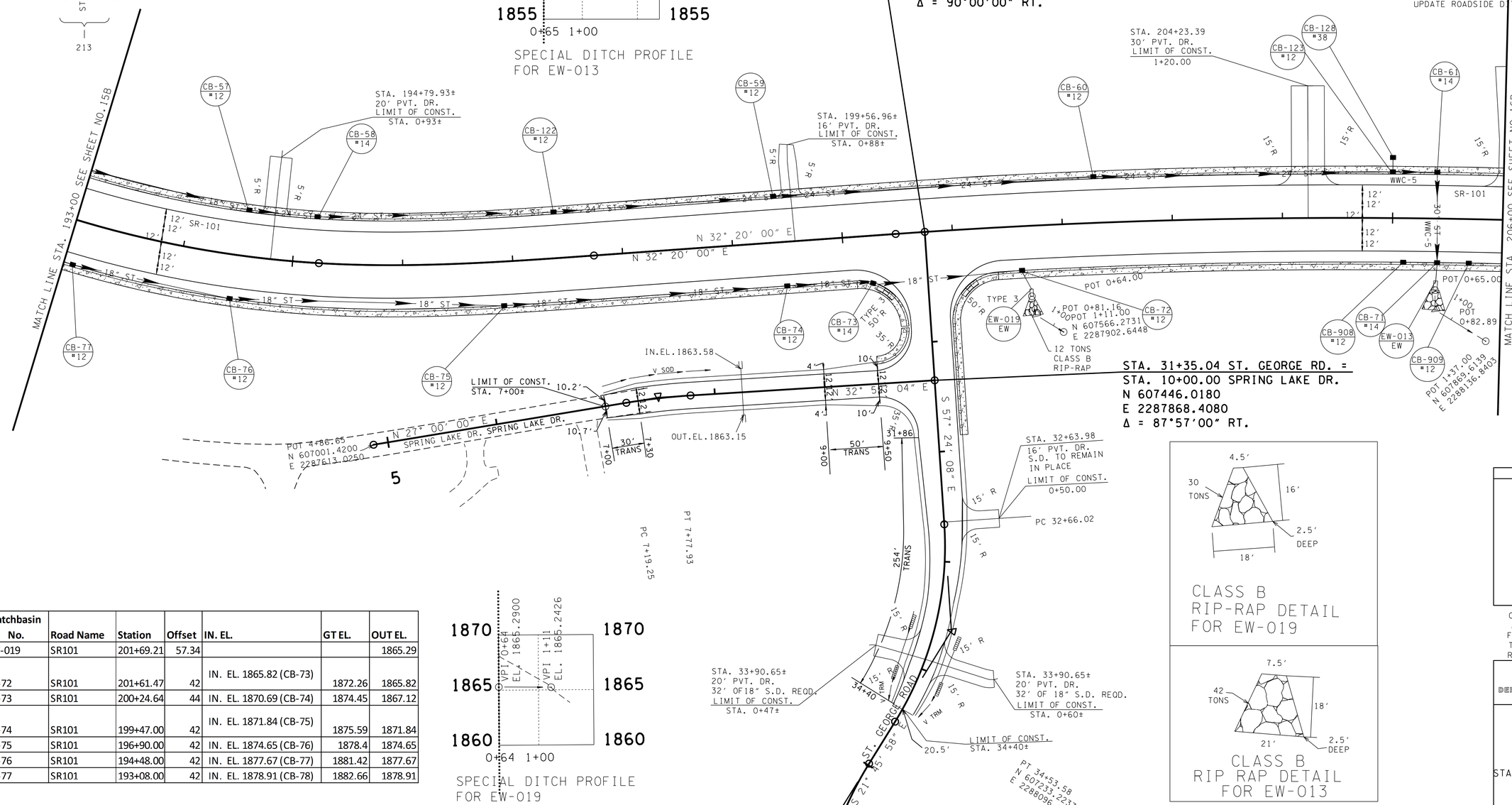
S.R. 101	S.R. 101	ST. GEORGE RD.	SPRING LAKE DR.
PI 191+70.75	PI 206+54.13	PI 33+62.94	PI 7+48.62
N 606,633.3259	N 608,008.0995	N 607,323.2360	N 607,234.8360
E 2,287,194.1702	E 2,288,064.3858	E 2,288,060.4130	E 2,287,731.9560
Δs 66° 00′ 00″ (LT)	Δ 12° 04′ 00″ (RT)	Δ 35° 38′ 08″ (RT)	Δ 5° 52′ 05″ (RT)
θs 7° 30′ 00″	D 1° 00′ 00″	D 19° 00′ 00″	D 10° 00′ 00″
Δc 51° 00′ 00″ (LT)	R 5,729.58	R 301.56	R 572.96
Dc 6° 00′ 00″	L 1,206.67	L 187.56	L 58.68
Rc 954.93	T 605.57	T 96.92	T 29.37
Lc 850.00	SE 0.021 FT/FT	SE 0.078 FT/FT	SE 0.037 FT/FT
Ts 746.84	DESIGN SPEED 50 MPH	DESIGN SPEED 30 MPH	DESIGN SPEED 20 MPH
Ls 250.00	RUNOFF 150′ (50% INSIDE 50% OUTSIDE CURVE)	RUNOFF 80′	RUNOFF 95′
SE 0.077 FT/FT			
DESIGN SPEED 50 MPH			

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
15B	EW-013	SR101	205+40.00	56.58			1862.17
15B	CB-71	SR101	205+41.00	42	IN. EL. 1862.23 (CB-61)	1867.05	1862.23
15B	CB-61	SR101	205+40.00	-42	IN. EL. 1862.55 (CB-123)	1868.31	1862.55
15B	CB-908	SR101	205+10.00	42		1867.09	1863.33
15B	CB-909	SR101	205+70.00	42		1867.11	1863.35
15B	CB-123	SR101	205+00.00	-42	IN. EL. 1863.69 (CB-128) IN. EL. 1864.14 (CB-60)	1868.39	1862.69
15B	CB-128	SR101	205+00.00	-55		1866.58	1863.73
15B	CB-60	SR101	202+30.00	-42	IN. EL. 1868.15 (CB-59)	1872.31	1868.14
15B	CB-59	SR101	199+40.00	-42	IN. EL. 1869.44 (CB-122)	1875.67	1869.44
15B	CB-122	SR101	197+40.00	-42	IN. EL. 1870.63 (CB-58)	1877.26	1870.62
15B	CB-58	SR101	195+20.00	-42	IN. EL. 1871.47 (CB-57)	1875.78	1871.46
15B	CB-57	SR101	194+55.00	-42	IN. EL. 1872.19 (CB-56)	1875.94	1871.69





SPECIAL DITCH PROFILE FOR EW-013



Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
15B	EW-019	SR101	201+69.21	57.34			1865.29
15B	CB-72	SR101	201+61.47	42	IN. EL. 1865.82 (CB-73)	1872.26	1865.82
15B	CB-73	SR101	200+24.64	44	IN. EL. 1870.69 (CB-74)	1874.45	1867.12
15B	CB-74	SR101	199+47.00	42	IN. EL. 1871.84 (CB-75)	1875.59	1871.84
15B	CB-75	SR101	196+90.00	42	IN. EL. 1874.65 (CB-76)	1878.4	1874.65
15B	CB-76	SR101	194+48.00	42	IN. EL. 1877.67 (CB-77)	1881.42	1877.67
15B	CB-77	SR101	193+08.00	42	IN. EL. 1878.91 (CB-78)	1882.66	1878.91

SPECIAL DITCH PROFILE FOR EW-019

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 193+00 TO STA. 206+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	15C
CONST	2016	STP-101(16)	15C

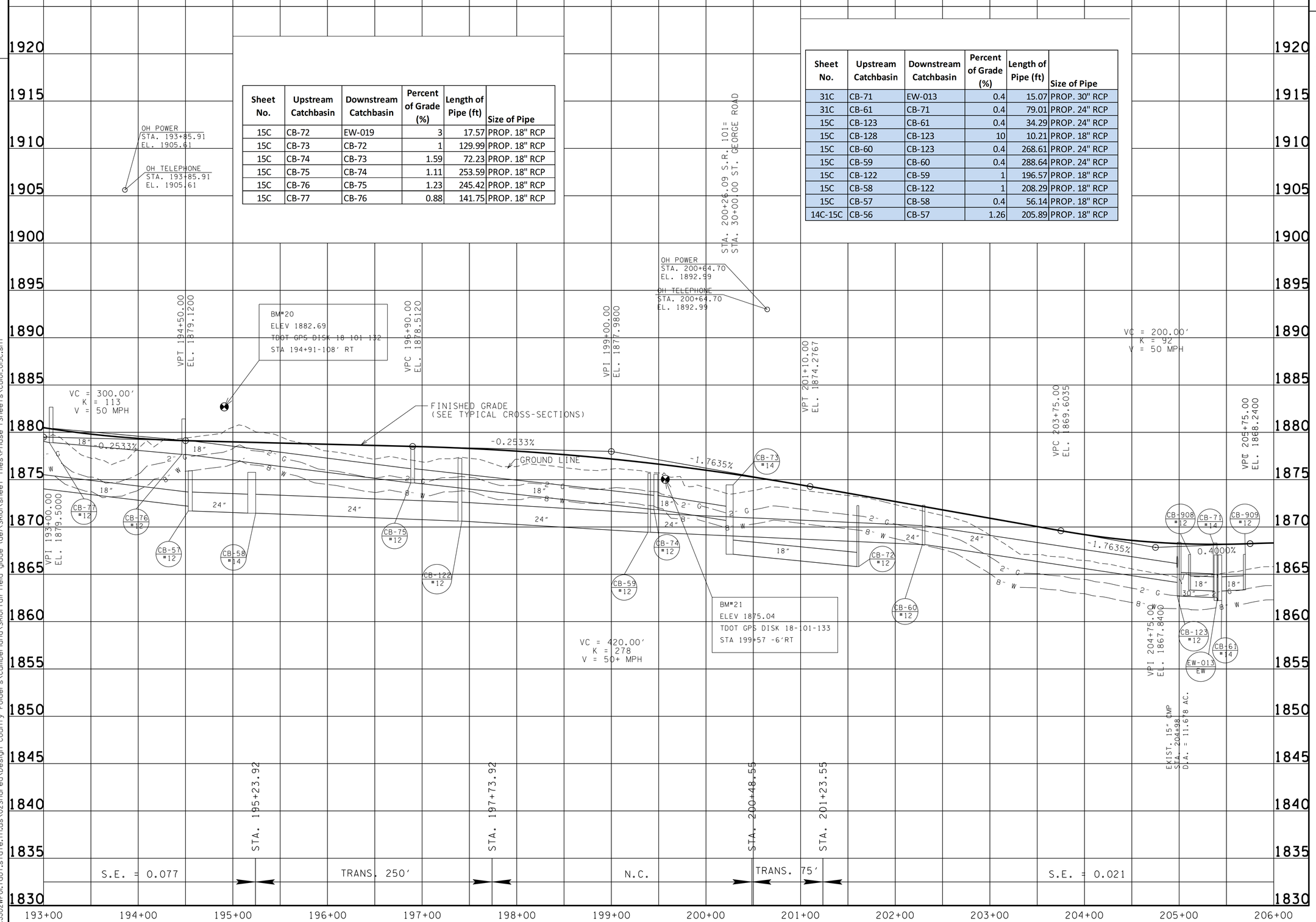
REV.11-26-12- ADDED STORM SYSTEM AND PROP PIPES

REV.5-22-13- ADDED STORM TABLES AND REVISED PIPES. UPDATE YEAR.

REV.5-25-16- REVISED PROP DRAIN PER CONST REQ.

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
15C	CB-72	EW-019	3	17.57	PROP. 18" RCP
15C	CB-73	CB-72	1	129.99	PROP. 18" RCP
15C	CB-74	CB-73	1.59	72.23	PROP. 18" RCP
15C	CB-75	CB-74	1.11	253.59	PROP. 18" RCP
15C	CB-76	CB-75	1.23	245.42	PROP. 18" RCP
15C	CB-77	CB-76	0.88	141.75	PROP. 18" RCP

Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31C	CB-71	EW-013	0.4	15.07	PROP. 30" RCP
31C	CB-61	CB-71	0.4	79.01	PROP. 24" RCP
15C	CB-123	CB-61	0.4	34.29	PROP. 24" RCP
15C	CB-128	CB-123	10	10.21	PROP. 18" RCP
15C	CB-60	CB-123	0.4	268.61	PROP. 24" RCP
15C	CB-59	CB-60	0.4	288.64	PROP. 24" RCP
15C	CB-122	CB-59	1	196.57	PROP. 18" RCP
15C	CB-58	CB-122	1	208.29	PROP. 18" RCP
15C	CB-57	CB-58	0.4	56.14	PROP. 18" RCP
14C-15C	CB-56	CB-57	1.26	205.89	PROP. 18" RCP



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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 193+00 TO STA. 206+00

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	16
CONST	2016	STP-101(16)	16

REV. 1-27-11: LABELED PROPOSED R.O.W., SLOPE, CONSTRUCTION, AND DRAINAGE EASEMENTS. ADDED SLOPE EASEMENT PATTERN.
REV. 2-19-12: LOCATED UTILITY POLES AT INTERSECTION OF S.R. 101 AND TOWNE CENTER ROAD.
REV. 5-10-12: CHANGED TRACT 80 TO MILLARD V. OAKELY.
REV. 7-12-12: LOCATED SIGNS AND UTILITIES ON TRACTS LABELED L.E. SMITH AND F. GLENN & MARIA DALE. LOCATED LANE ONTO TOWN CENTER ROAD.

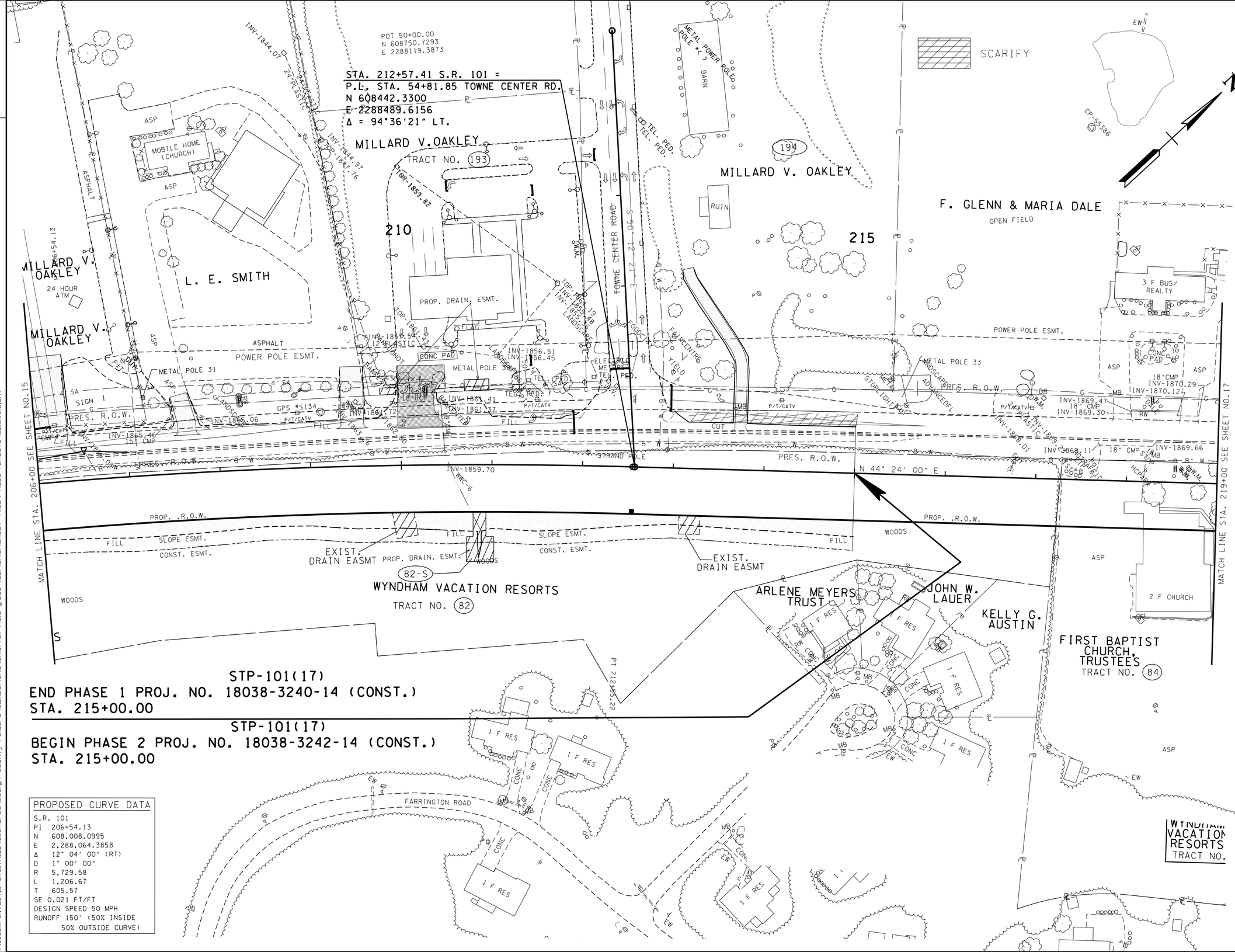
REV. 08-20-12: ADDED WWC-6. ADDED POWER POLE EASMT. ADDED SCARIFY LEGEND. LABELED ROW FEATURES.
REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 82-S2.

REV. 5-22-13: ADDED PROP DRIVEWAYS AT STA. 206+15.05, 209+47.09, AND 210+16.66. ADDED END OF CONST. UPDATED YEAR. ADDED DRAIN EASMT TO TRACT 82-S.
ADDED TRACT 193 AND 194. REMOVED EXIST DRIVEWAY ON TRACT 194. ADDED DRIVEWAY AT STA 217+98.97LT

REV. 7-09-13: REVISE PROPERTY OWNER FOR TRACT 82.

REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.

REV. 05-25-16- REMOVED TRANSITION PER CONST REQ.



STP-101(17)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(17)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

PROPOSED CURVE DATA

S.R. 101	
PI	206+54.13
N	608,008.0995
E	2,288,064.3858
Δ	12° 04' 00" (RT)
D	1° 00' 00"
R	5,729.58
L	1,206.67
T	605.57
SE 0.021 FT/FT	
DESIGN SPEED 50 MPH	
RUNOFF 150' (50% INSIDE 50% OUTSIDE CURVE)	

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 206+00 TO STA. 219+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	16A
CONST	2016	STP-101(16)	16A

REV. 1-27-11: LABELED PROPOSED R.O.W., SLOPE AND CONSTRUCTION EASEMENTS.
REV. 5-10-12: CORRECTED LABELS FOR PRES. R.O.W. RIGHT OF CENTERLINE. CHANGED TRACT 80 TO MILLARD V. OAKLEY.

REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.

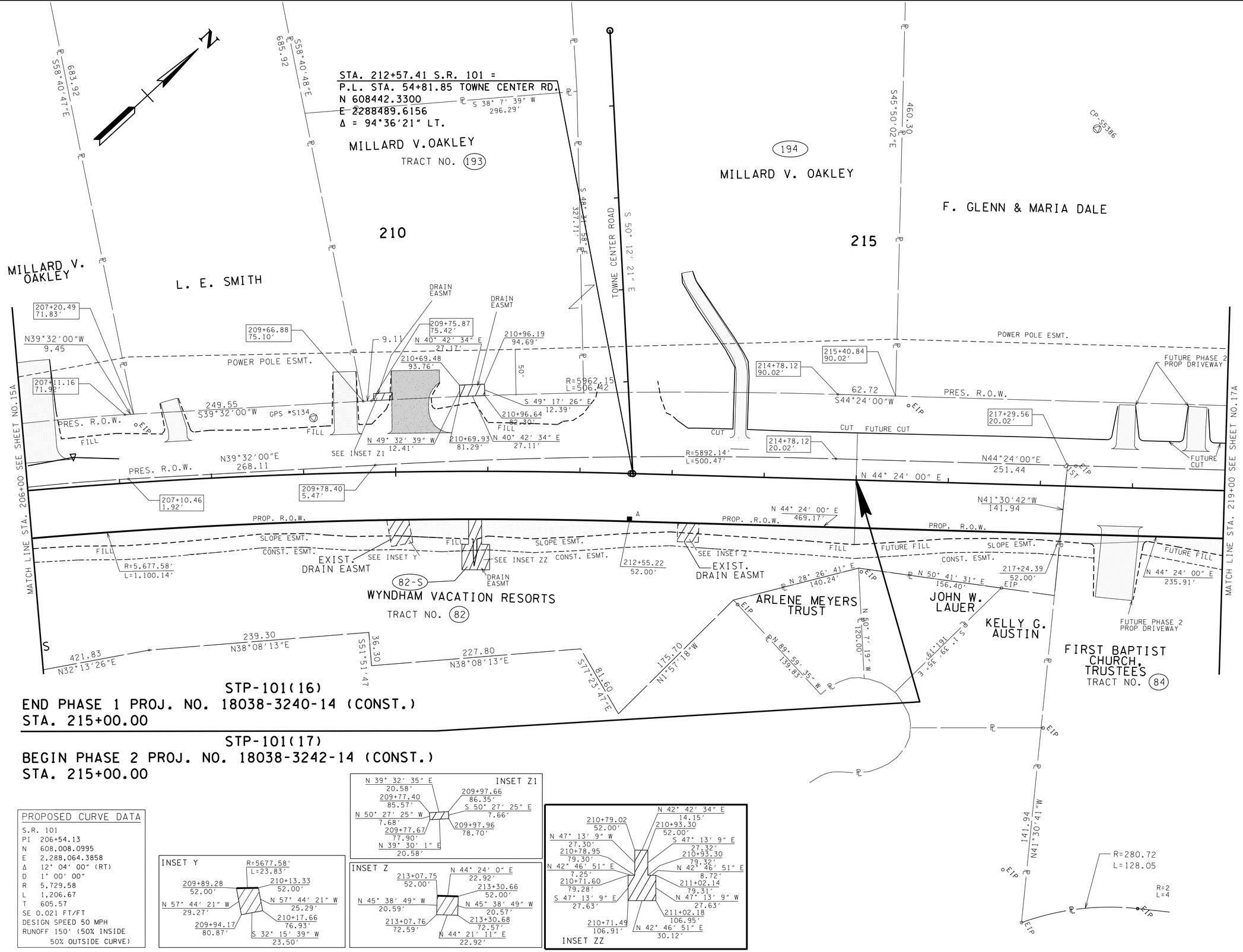
REV. 11-26-12: ADDED DRAIN EASMT TO TRACT 82-S2

REV. 5-22-13: ADDED PROP DRIVEWAYS AT STA. 206+15.25, 209+47.09, 210+16.66, AND 217+99.22. UPDATE YEAR. ADDED END OF CONST. ADDED DRAIN EASMT TO TRACT 82-S, ADDED TRACT 193 AND 194. ADDED DRIVEWAY AT STA.217+98.97LT.

REV. 7-09-13: REVISE PROPERTY OWNER ON TRACT 82.

REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.

REV. 05-25-16- REMOVED TRANSITION PER CONST REQ.



PROPOSED CURVE DATA

S.R. 101	
PI	206+54.13
N	608,008.0995
E	2,288,064.3858
Δ	12° 04' 00" (RT)
D	1° 00' 00"
R	5,729.58
L	1,206.67
T	605.57
SE 0.021 FT/FT	
DESIGN SPEED 50 MPH	
RUNOFF 150' (50% INSIDE 50% OUTSIDE CURVE)	

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 206+00 TO STA. 219+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	16B
CONST	2016	STP-101(16)	16B

REV. 5-10-12: CORRECTED DRIVE WIDTH STATION 125+77.89.

REV. 08-20-12: ADDED WWC-5 AND WWC-6. ADDED PAVEMENT MARKINGS AND LIMIT OF CONST. TO TOWNE CENTER RD. ADDED PROP CURVE TEXT.

REV. 09-24-12: ADDED PROP CURVE TEXT.

REV. 11-26-12: ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.

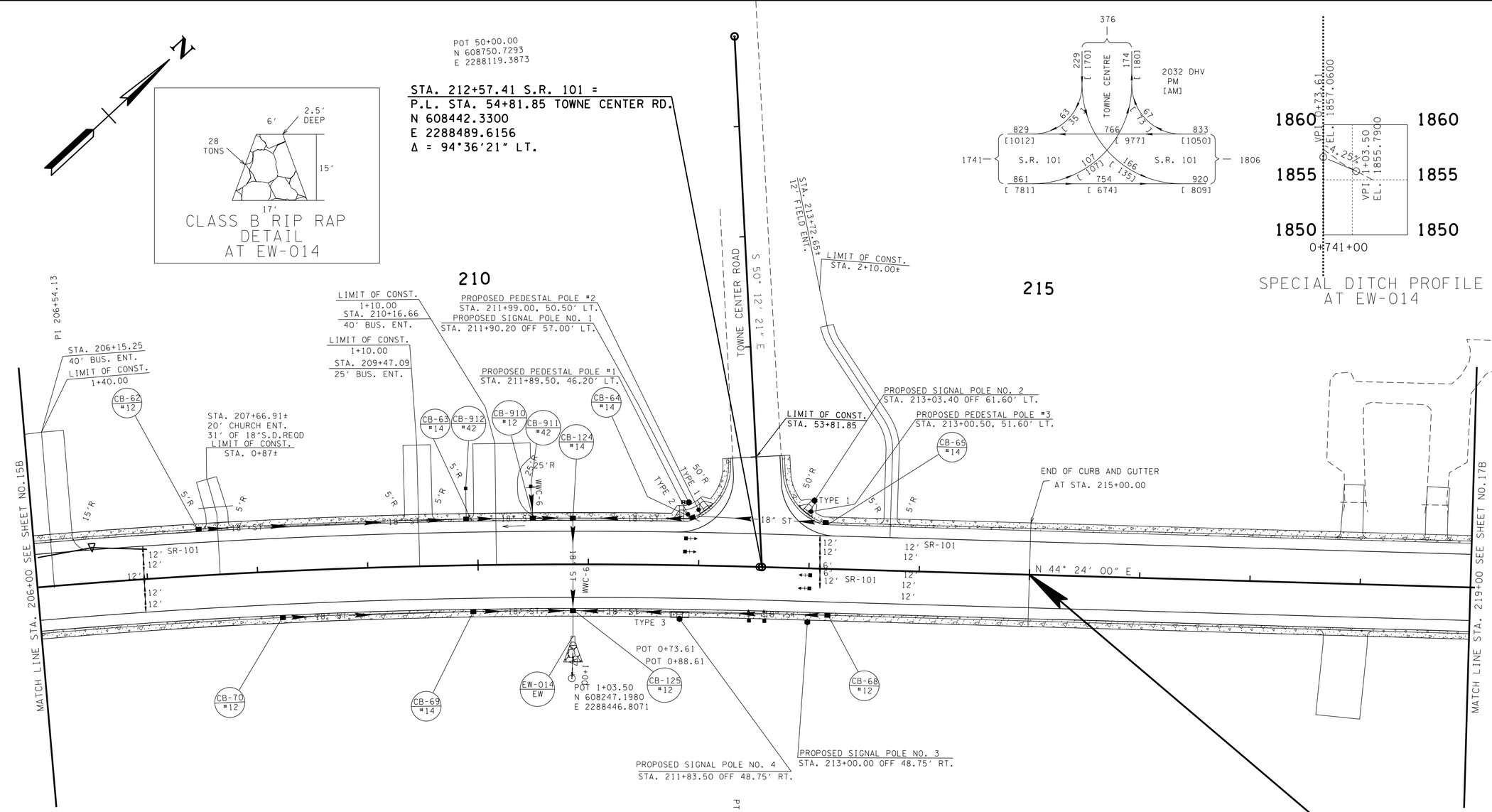
REV. 12-18-12: ADDED HANDICAP RAMPS TO SIDE ROADS.

REV. 5-22-13: ADDED PROP DRIVEWAYS AT STA. 206+15.25, 209+47.09, 210+16.66, AND 217+99.22. ADDED PROP CATCHBASIN TABLE. REVISED END OF CONST. REMOVED PVMT MARKINGS. UPDATE YEAR. ADDED DRIVEWAY RADIUS. ADDED RIP RAP DETAIL. ADDED SPECIAL DITCH PROFILE. ADDED DRIVEWAY AT STA 217+98.97LT. REVISE 10' DRIVEWAY TO 12' DRIVEWAY PER CONST REQ.

REV. 5-29-13: ADDED RADIUS TO DRIVEWAY.

REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.

REV. 05-25-16- REMOVED TRANSITION PER CONST REQ.REVISED PROP DRAIN PER CONST REQ.



SPECIAL DITCH PROFILE AT EW-014

Sheet No.	Catchbasin No.	Road Name	Station	Offset	IN. EL.	GT EL.	OUT EL.
16B	EW-014	SR101	210+86.03	65.19			1857.06
16B	CB-125	SR101	210+86.00	42	IN. EL. 1857.64 (CB-124) IN. EL. 1857.64 (CB-68) IN. EL. 1857.64 (CB-69)	1864.7	1857.14
16B	CB-68	SR101	213+18.00	42		1866.7	1862.11
16B	CB-69	SR101	209+95.00	42	IN. EL. 1860.52 (CB-70)	1864.24	1860.52
16B	CB-124	SR101	210+86.00	-42	IN. EL. 1858.14 (CB-910)	1865.54	1857.97
16B	CB-70	SR101	208+21.00	42		1865.87	1862.15
16B	CB-64	SR101	211+94.00	-42.5	IN. EL. 1862.22 (CB-65)	1866.32	1862.05
16B	CB-910	SR101	210+50.00	-42	IN. EL. 1858.43 (CB-911) IN. EL. 1858.43 (CB-63)	1865.25	1858.26
16B	CB-65	SR101	213+14.00	-42		1866.39	1862.67
16B	CB-63	SR101	209+90.00	-42	IN. EL. 1861.36 (CB-62) IN. EL. 1858.82 (CB-912)	1865.08	1858.65
16B	CB-911	SR101	210+48.28	-70.84		1861.41	1858.56
16B	CB-62	SR101	207+49.00	-42		1867.75	1864.03
16B	CB-912	SR101	209+90.00	-69.68		1861.78	1858.94

PROPOSED CURVE DATA

S.R. 101
PI 206+54.13
N 608,008.0995
E 2,288,064.3858
Δ 12° 04' 00" (RT)
D 1° 00' 00"
R 5,729.58
L 1,206.67
T 605.57
SE 0.021 FT/FT
DESIGN SPEED 50 MPH
RUNOFF 150' (50% INSIDE
50% OUTSIDE CURVE)

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 206+00 TO STA. 219+00

SCALE: 1"= 50'

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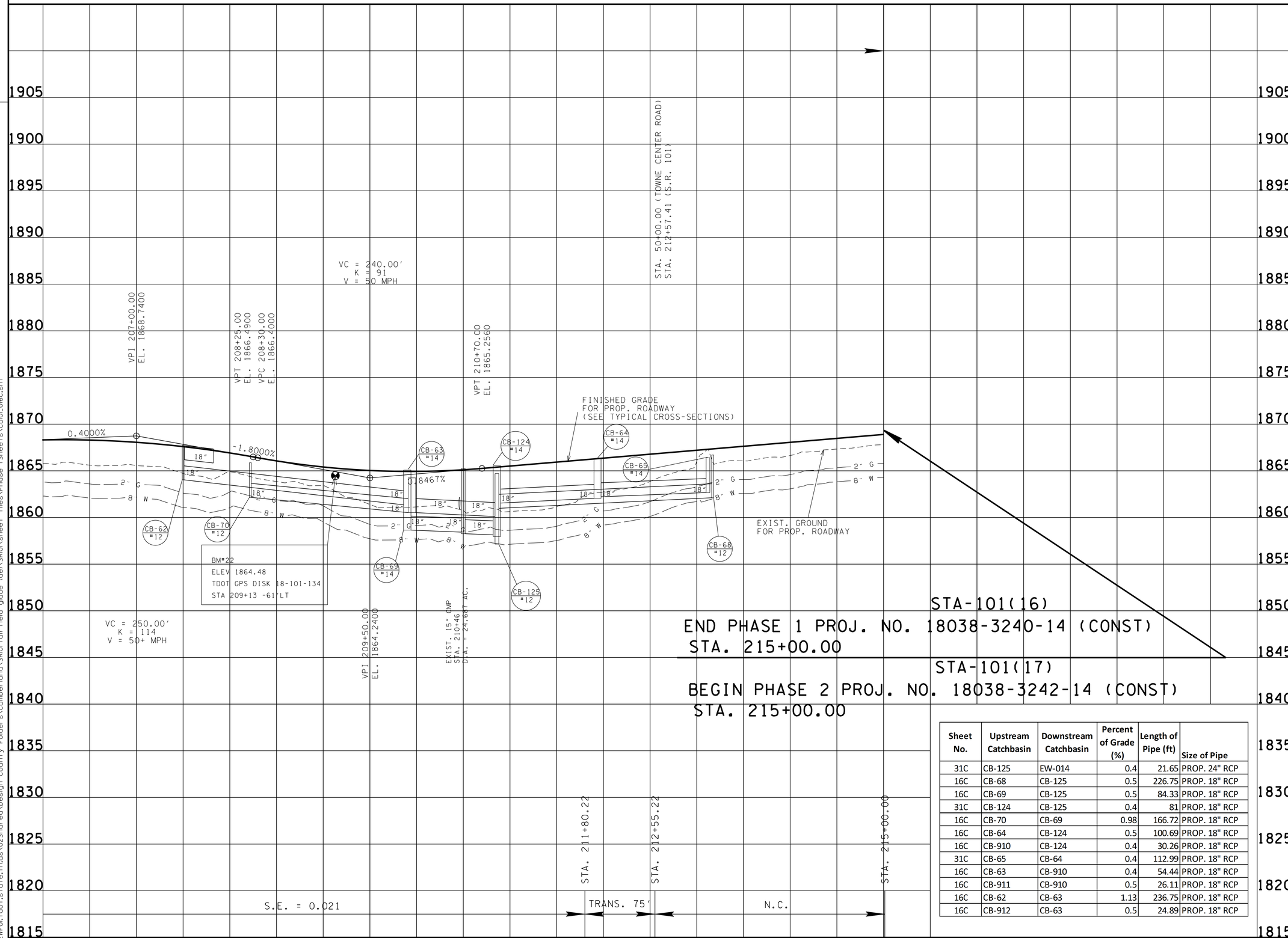
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	16C
CONST	2016	STP-101(16)	16C

REV. 11-26-12- ADDED STORM SYSTEM AND PROP PIPES
REV. 5-22-13- ADDED PIPE TABLE AND PROP TRANSITION ALIGN. ADDED END OF CONST. UPDATE YEAR. ADDED S.D. PIPES.
REV. 05-25-16- REMOVED TRANSITION PER CONST REQ.REVISED PROP DRAIN PER CONST REQ.



Sheet No.	Upstream Catchbasin	Downstream Catchbasin	Percent of Grade (%)	Length of Pipe (ft)	Size of Pipe
31C	CB-125	EW-014	0.4	21.65	PROP. 24" RCP
16C	CB-68	CB-125	0.5	226.75	PROP. 18" RCP
16C	CB-69	CB-125	0.5	84.33	PROP. 18" RCP
31C	CB-124	CB-125	0.4	81	PROP. 18" RCP
16C	CB-70	CB-69	0.98	166.72	PROP. 18" RCP
16C	CB-64	CB-124	0.5	100.69	PROP. 18" RCP
16C	CB-910	CB-124	0.4	30.26	PROP. 18" RCP
31C	CB-65	CB-64	0.4	112.99	PROP. 18" RCP
16C	CB-63	CB-910	0.4	54.44	PROP. 18" RCP
16C	CB-911	CB-910	0.5	26.11	PROP. 18" RCP
16C	CB-62	CB-63	1.13	236.75	PROP. 18" RCP
16C	CB-912	CB-63	0.5	24.89	PROP. 18" RCP

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 206+00 TO STA. 219+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	17
CONST	2016	STP-101(16)	17

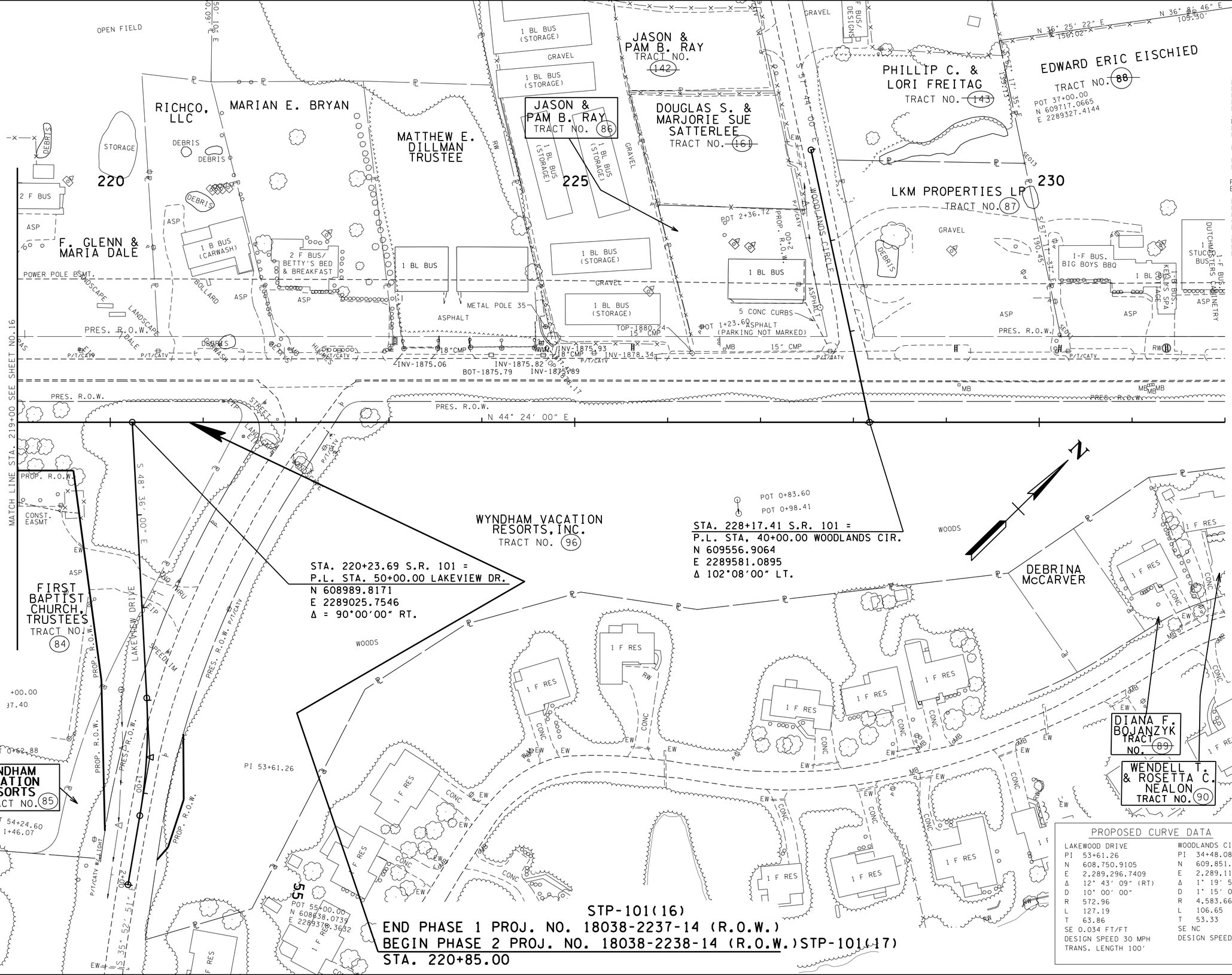
PHASE 1 REV. 1-27-11: LABLED PROP. R.O.W., SLOPE, CONSTRUCTION, AND DRAINAGE EASEMENTS. REMOVED CONSTRUCTION EASEMENT PATTERN.
PHASE 1 & 2 REV. 10-26-11: CHANGED ALIGNMENT FOR LAKEVIEW DRIVE. CORRECTED MAINLINE CURVE DATA.
PHASE 2 REV. 2-17-12: REMOVED Z BAR BETWEEN TRACT 86 AND TRACT 142. LINED THROUGH TRACT NUMBER 142.
PHASE 2 REV. 6-15-12: ADDED BUILDINGS TO TRACT LABLED MATTHEW E. DILLMAN TRUSTEE. UPDATED PROPERTY OWNER NAME FOR TRACT 143. REV. 7-12-12: UPDATED DRIVE ON TRACT 84.

PHASE 1 REV. 08-20-12: ADDED POWER POLE EASMT. LABELED ROW FEATURES.

PHASE 1 & 2 REV. 09-12-12: ADDED BUILDING TO TRACT 86. DELETED BUILDING TO TRACT 87. REMOVED CONST EASMT TO CORNER OF TRACT 89. REMOVED DRIVEWAY AT STA. 225+00± AND ADDED DRIVEWAY TO STA. 223+70±. REVISED ALIGNMENT, DRIVE, SLOPE LINES PROP. ROW ON WOODLAND CIRCLE. PLACED LINE THRU TRACT 88, 89, 143, AND 161.

PHASE 2 REV. 10-26-12: DEFINED ASPHALT PARKING ON TRACT 86. CHANGED ALIGNMENT OF DRIVE ON WOODLANDS CIRCLE LT STA 38+77.68 (TRACT #87).

REV. 5-22-13: SPLIT PHASE 1 AND PHASE 2. UPDATE YEAR.



PROPOSED CURVE DATA

LAKEWOOD DRIVE		WOODLANDS CIRCLE	
PI	53+61.26	PI	34+48.08
N	608,750.9105	N	609,851.5596
E	2,289,296.7409	E	2,289,114.3932
Δ	12° 43' 09" (RT)	Δ	1° 19' 59" (RT)
D	10° 00' 00"	D	1° 15' 00"
R	572.96	R	4,583.66
L	127.19	L	106.65
T	63.86	T	53.33
SE 0.034 FT/FT		SE NC	
DESIGN SPEED 30 MPH		DESIGN SPEED 25 MPH	
TRANS. LENGTH 100'			

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 219+00 TO STA. 232+00

SCALE: 1"= 50'

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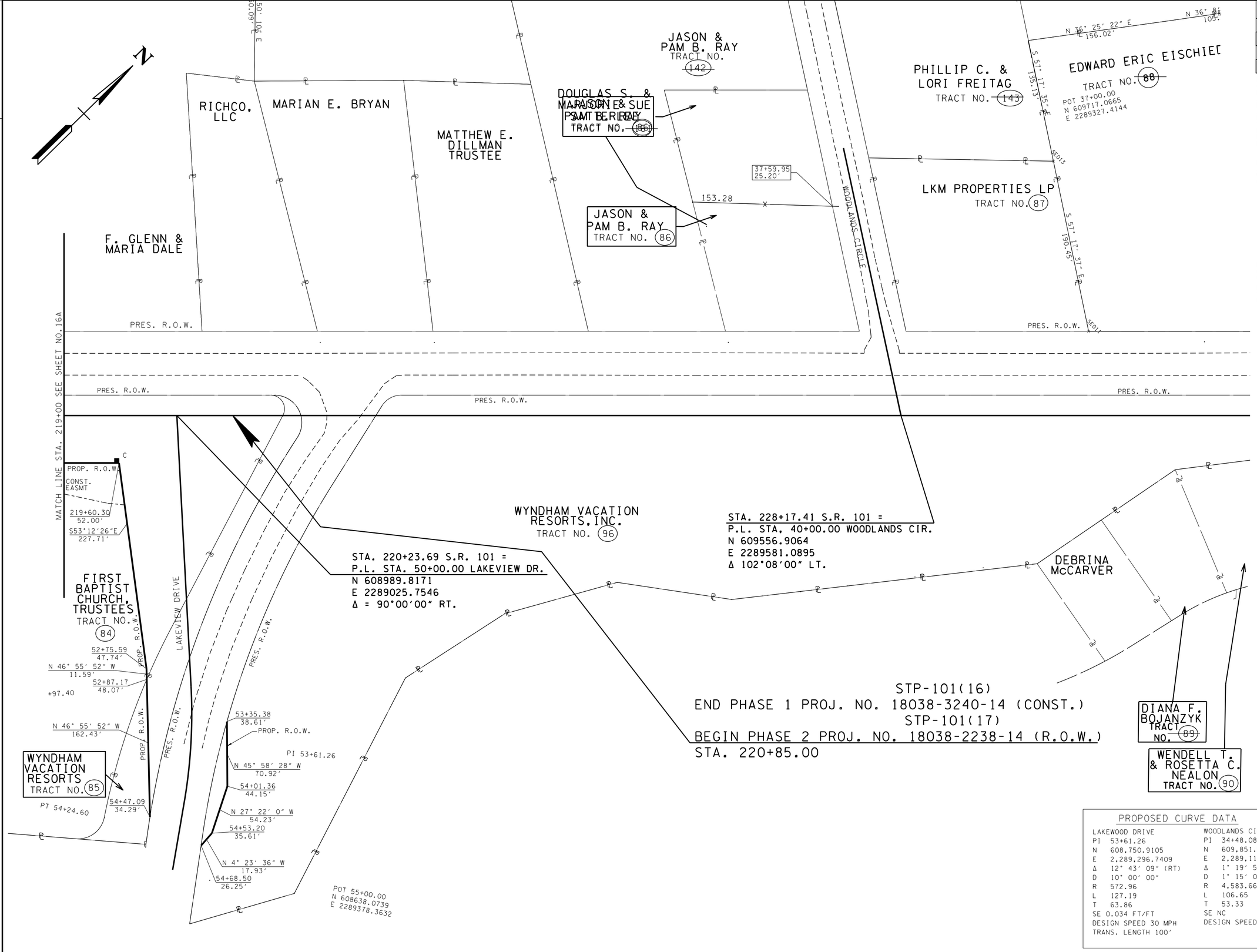
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	17A
CONST	2016	STP-101(16)	17A

PHASE 1 REV. 1-27-11: LABELED CONSTRUCTION AND SLOPE EASEMENTS. REMOVED CONSTRUCTION EASEMENT PATTERN. ADDED CURVE DATA.
PHASE 1 & 2 REV. 10-26-10: CHANGED ALINGMENT FOR LAKEVIEW DR. CORRECTED PROPOSED R.O.W. STATION/OFFSET RT. STA. 231+76.03. CORRECTED MAINLNIE CURVE DATA.
PHASE 2 REV. 2-17-12: REMOVED Z BAR BETWEEN TRACT 86 AND 142. LINED THROUGH TRACT NUMBER 142. UPDATED TRACT NUMBER 127 TO TRACT NUMBER 161.
PHASE 2 REV. 6-15-12: CORRECTED STATIONS AND OFFESTS FOR PRES. R.O.W. ALONG WOODLANDS CIRCLE. UPDATED PROPERTY OWNER NAME FOR TRACT 143.

PHASE 1 REV. 08-20-12: LABELED ROW FEATURES & SLOPE FEATURES.

PHASE 1 & 2 REV. 09-12-12: REMOVED CONST EASMT TO CORNER OF TRACT 89. REMOVED DRIVEWAY AT STA.224+00± AND ADDED DRIVEWAY AT STA.223+70± REVISED ALIGNMENT. PROP ROW. AND DRIVE ON WOODLANDS CIRCLE. PLACED LINE THRU TRACT 88,161, 89, 143.

PHASE 2 REV. 10-26-12:
CHANGED ALIGNMENT OF DRIVE ON WOODLANDS CIRCLE LT. STA 38+77.68.

REV. 5-22-13:
SPLIT PHASE 1 AND PHASE 2.
UPDATE YEAR.

PROPOSED CURVE DATA

LAKEWOOD DRIVE		WOODLANDS CIRCLE	
PI	53+61.26	PI	34+48.08
N	608,750.9105	N	609,851.5596
E	2,289,296.7409	E	2,289,114.3932
Δ	12° 43' 09" (RT)	Δ	1° 19' 59" (RT)
D	10° 00' 00"	D	1° 15' 00"
R	572.96	R	4,583.66
L	127.19	L	106.65
T	63.86	T	53.33
SE 0.034 FT/FT		SE NC	
DESIGN SPEED 30 MPH		DESIGN SPEED 25 MPH	
TRANS. LENGTH 100'			

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY DETAILS

STA. 219+00 TO STA. 232+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	17B
CONST	2016	STP-101(16)	17B

PHASE 1 &2 REV.10-26-11: CHANGED ALIGNMENT FOR LAKEVIEW DRIVE. CORRECTED MAINLINE CURVE DATA.

PHASE 1 &2 REV.08-20-11: ADDED PAVEMENT MARKINGS AND LIMIT OF CONST. TO WOODLANDS CIRCLE.

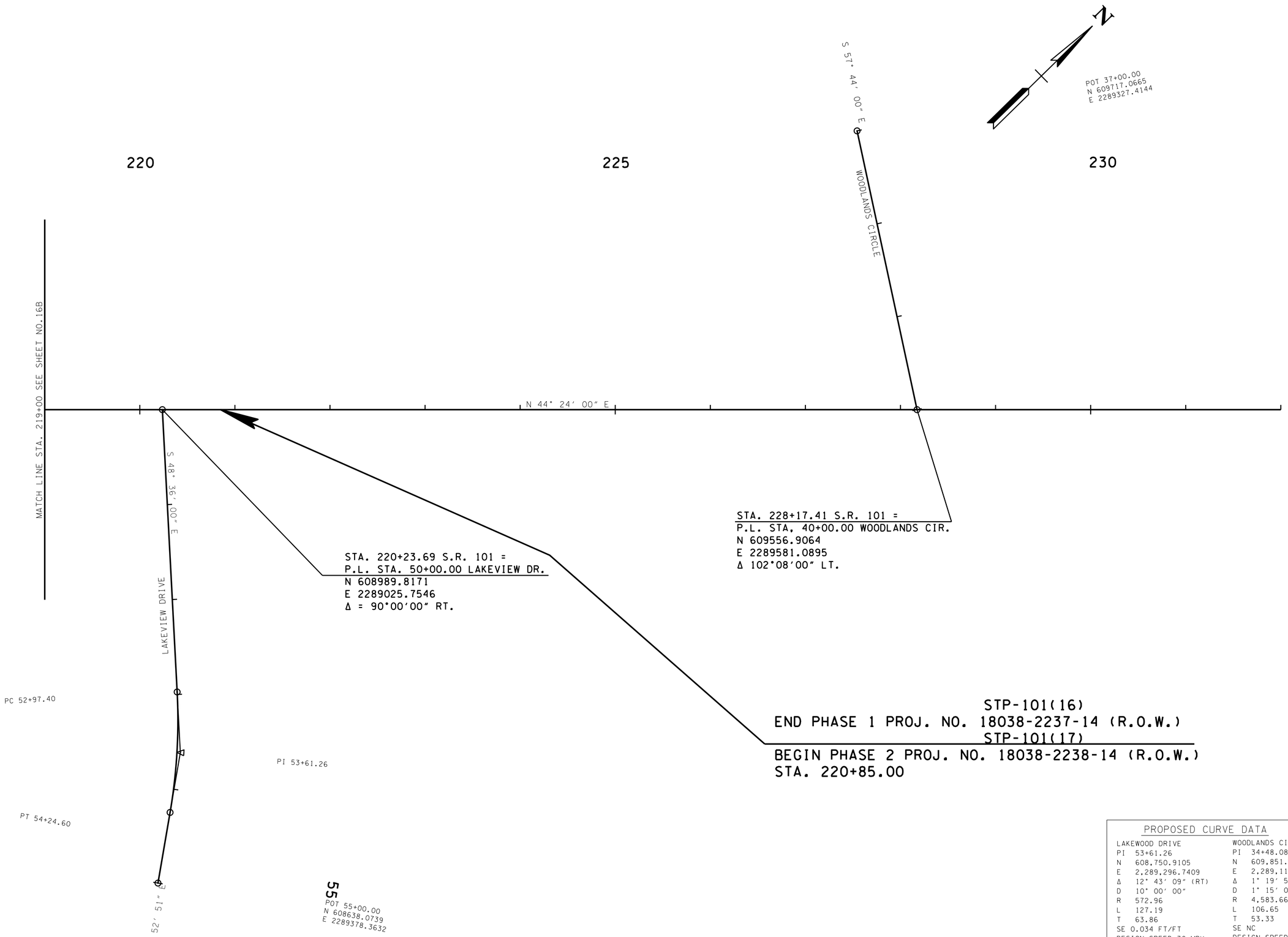
PHASE 1 &2 REV.09-12-12: REMOVED DRIVEWAY AT STA.224+00± AND ADDED DRIVEWAY AT STA.223+70± REVISED ALIGNMENT,DRIVE,SLOPE LINES ON WOODLAND CIRCLE.

PHASE 1 &2 REV.09-13-12: ADDED 4"SSWL PAVMT MARKINGS

PHASE 1 & PHASE 2 REV. 10-26-12: CHANGED ALIGNMENT OF DRIVE ON WOODLANDS CIRCLE LT. STA 38+77.68. ADDED LABELS AND REVISED STORM SYSTEM. ADDED PROP. S.D.

PHASE 1 & PHASE 2 REV. 12-18-12: ADDED HANDICAP RAMPS TO SIDE ROADS.

REV. 5-22-13: SPLIT PHASE 1 AND PHASE 2. UPDATE YEAR.



PROPOSED CURVE DATA

LAKEWOOD DRIVE	WOODLANDS CIRCLE
PI 53+61.26	PI 34+48.08
N 608,750.9105	N 609,851.5596
E 2,289,296.7409	E 2,289,114.3932
Δ 12° 43′ 09″ (RT)	Δ 1° 19′ 59″ (RT)
D 10° 00′ 00″	D 1° 15′ 00″
R 572.96	R 4,583.66
L 127.19	L 106.65
T 63.86	T 53.33
SE 0.034 FT/FT	SE NC
DESIGN SPEED 30 MPH	DESIGN SPEED 25 MPH
TRANS. LENGTH 100′	

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 219+00 TO STA. 232+00

SCALE: 1"= 50′

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	28
CONST	2016	STP-101(16)	28

REV. 1-27-11: ADDED PROJECT NUMBER. CORRECTED SHEET NUMBER.

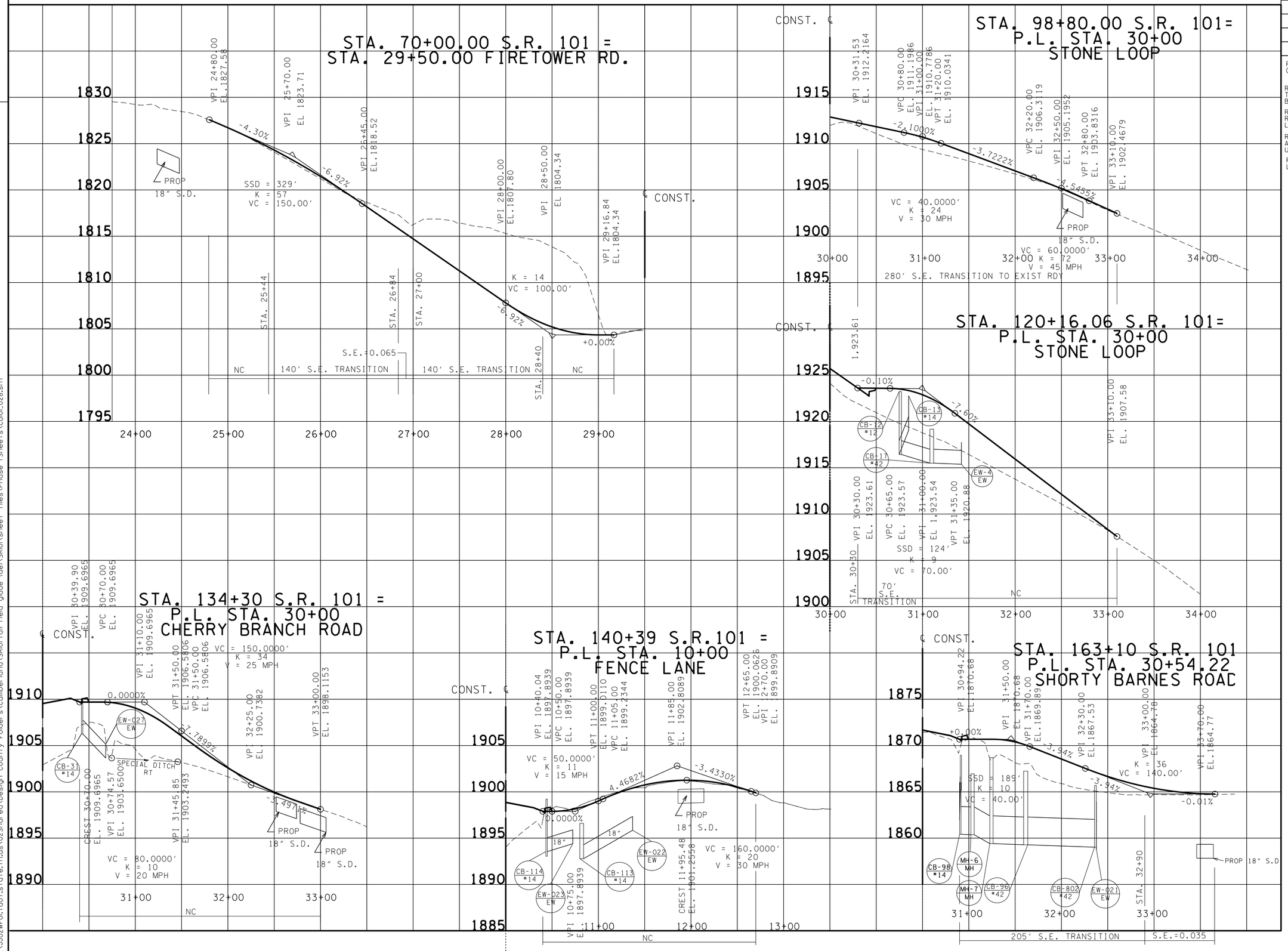
REV. 08-20-12: ADDED PROP. PIPES TO FIRETOWER ROAD AND CHERRY BRANCH ROAD

REV. 09-24-12: REVISED CHERRY BRANCH ROAD. ADDED PROP. PIPE TO FENCE LANE. ADDED PIPES TO SHORTY BARNES.

REV. 5-22-13: UPDATE YEAR. ADDED CATCHBASINS TO STONE LOOP. UPDATE ALL PROFILES.

REV. 03-08-16: REVISED STONE LOOP ALIGN PER CONST REQ.

REV. 05-25-16: REVISED PROP DRAIN PER CONST REQ.



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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	28A
CONST	2016	STP-101(16)	28A

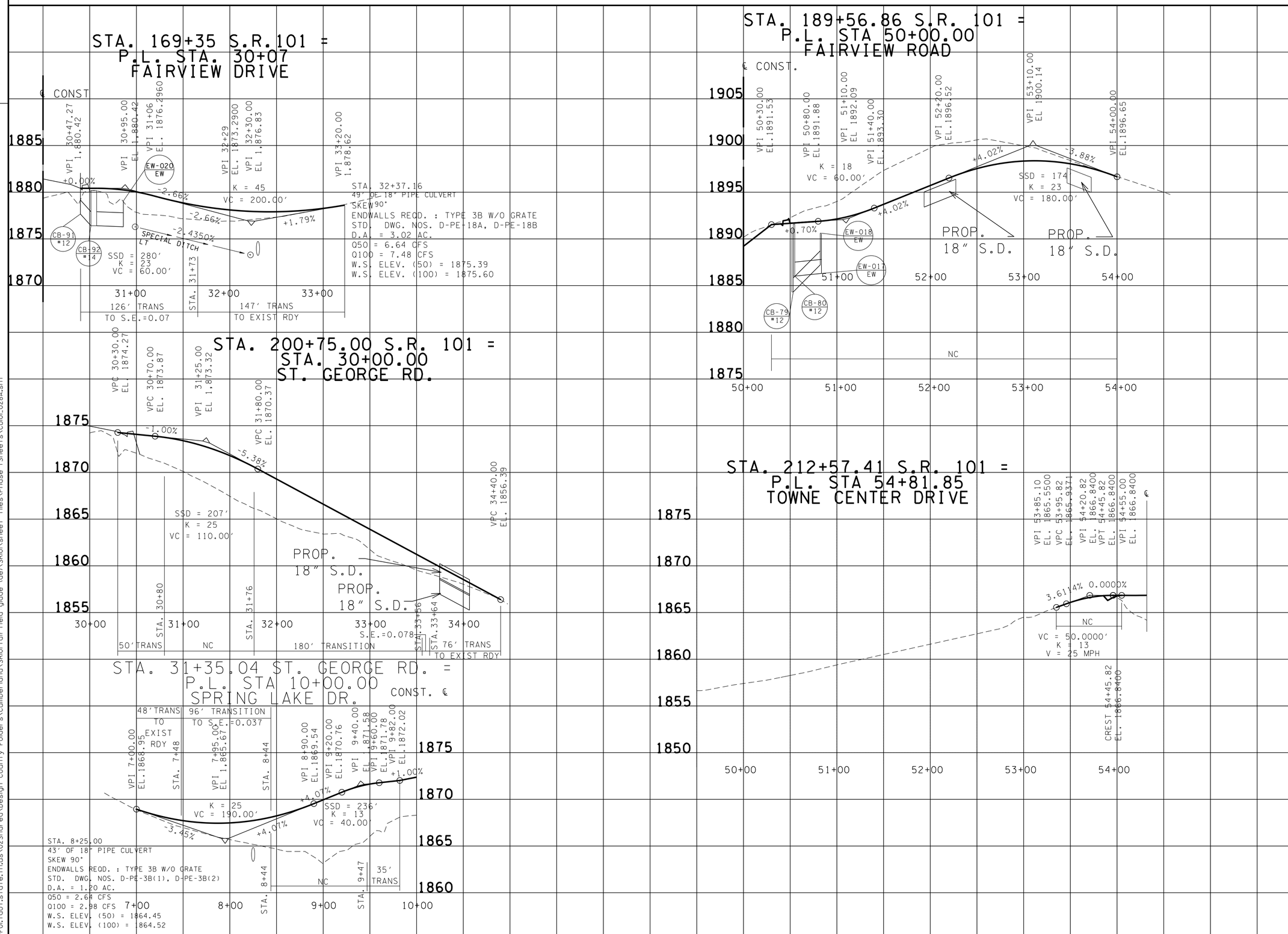
REV. 1-27-11: ADDED PROJECT NUMBER. CORRECTED SHEET NUMBER.
REV. 10-26-11: CHANGED ALIGNMENT FOR LAKEVIEW DRIVE.

REV. 08-20-12: ADDED PROP. PIPES TO ST. GEORGE ROAD

REV. 09-24-12: REVISED SPECIAL DITCH ON FAIRVIEW DR & ADDED SPECIAL DITCH PROFILE FOR FAIRVIEW DR. ADDED PROP PIPES TO FAIRVIEW ROAD. RENAMED FAIRVIEW ESTATES TO FAIRVIEW ROAD.

REV. 5-22-13: REVISED TOWNE CENTER DR PROFILE. UPDATE YEAR. REMOVED LAKEVIEW DRIVE AND WOODLANDS CIRCLE. ADDED STORM SYSTEM. ADDED SPRING LAKE ALIGNMENT.

REV. 5-25-16: REVISED PROP DRAIN PER CONST REQ.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29
CONST	2016	STP-101(16)	29

REV 08-20-12 - ADDED PROP. PIPES AND BOX CULV TO DRIVES.

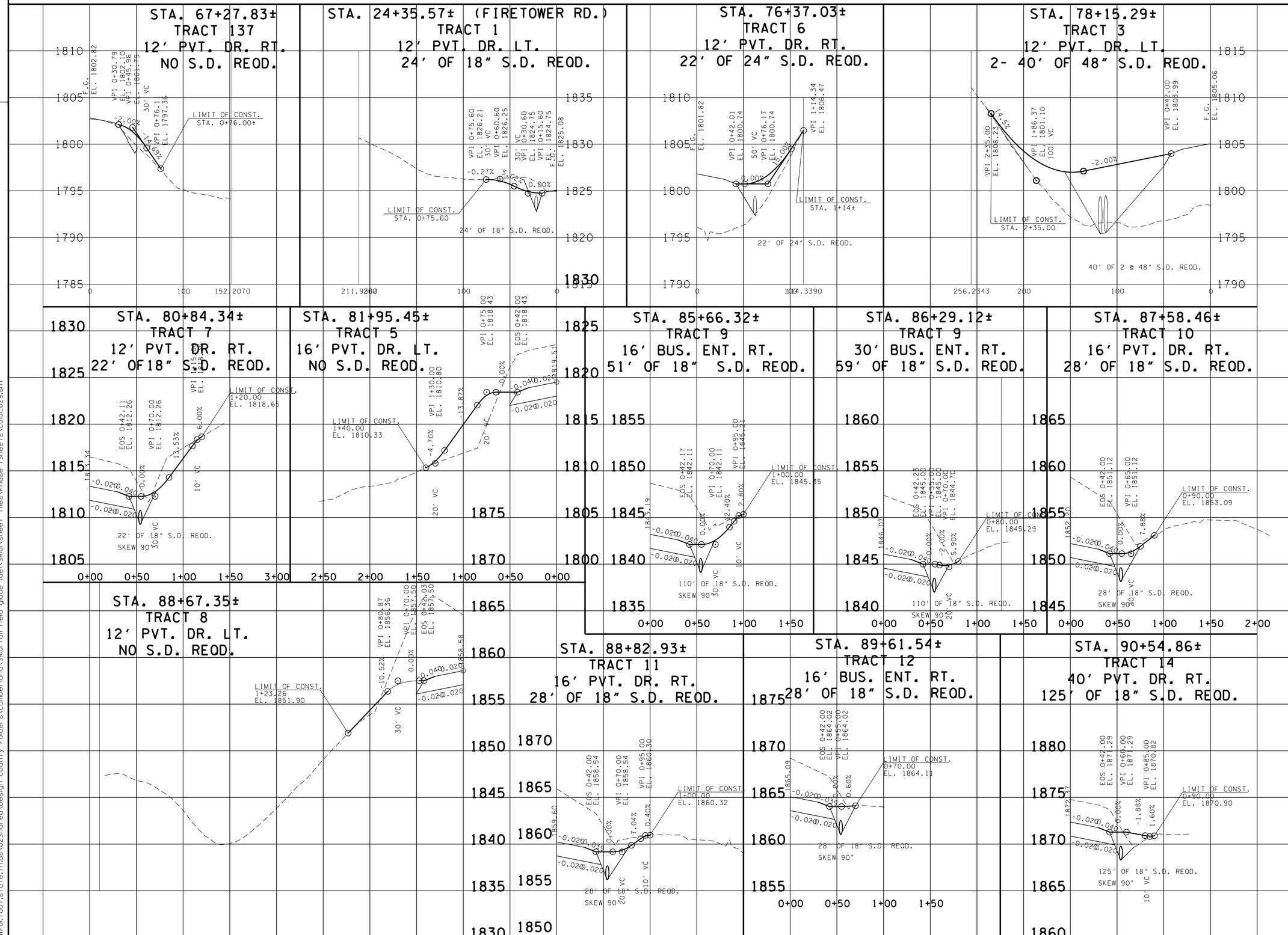
REV 09-24-12 - REVISED BOX CULV TO 48" S.D. ON STA. 78+15.29. REVISED PIPE ON DRIVEWAYS STA. 85+66.32, 86+29.12, 90+75.31

REV 10-02-12 - REVISED DRIVEWAY TO TRACT 14.

REV 5-22-13 - UPDATE YEAR. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.

REV 03-08-16 - REVISEDDRIVEWAYS FOR CHANGE IN VC PER CONST REQ.

REV 05-18-16 - REVISED DRIVEWAY AT STA 78+15.29.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29A
CONST	2016	STP-101(16)	29A

REV. 6-12-12: UPDATED PROFILE FOR DRIVE STA. 105+95.23 RT AND STA. 106+40.23. ADDED NOTE FOR DRIVE PROFILES STA. 106+95.30 AND STA. 107+93.90.

REV. 08-20-12: ADDED PROP. PIPES TO DRIVES

REV. 09-24-12: REVISED PIPE AT STA.91+29.16. REVISED DRIVEWAY LOCATIONS.

REV. 10-02-12: REVISED PIPE & STA DESCRIPTION ON DRIVEWAY AT TRACT 15. REVISED DRIVEWAY ON TRACT 18.

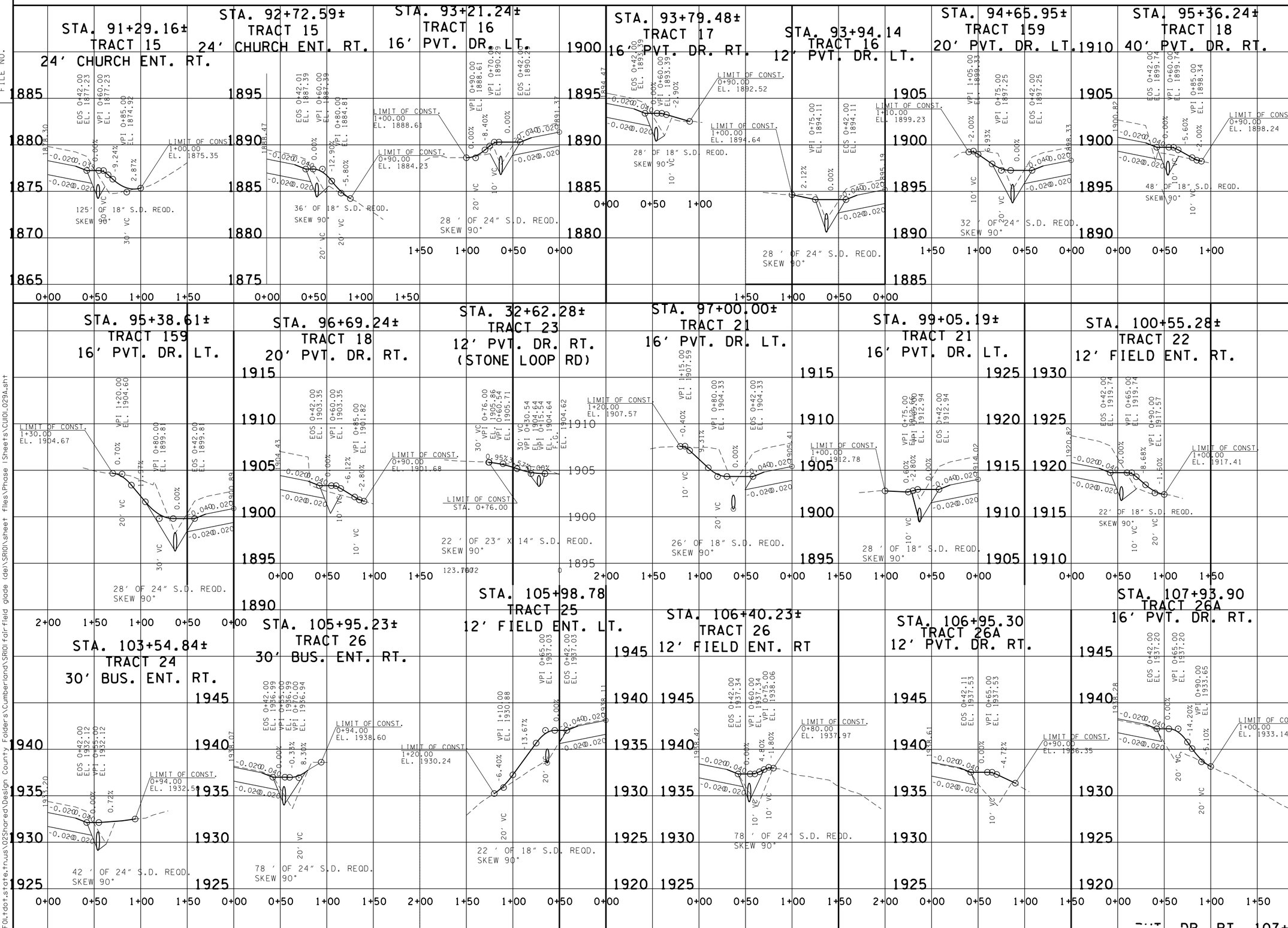
REV. 11-26-12: ADDED PRIVATE DR AT STA. 97+00

REV. 2-21-13: ADDED BUS ENT AT STA. 95+36.24 AND 96+64.29

REV. 5-22-13: REVISED DRIVEWAY AT STA.94+65.95. ADDED DRIVEWAY AT STA. 95+38.61. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ. UPDATE YEAR.

REV. 5-29-13: REVISED DESCRIPTION ON STA.95+36.24 AND REMOVE PIPE AT STA.107+93.90

REV. 03-08-16: REVISED ALL PROP DRIVEWAYS PER CONST REQ.



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PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29B
CONST	2016	STP-101(16)	29B

REV. 6-12-12: CORRECTED DRIVE WIDTH STA. 125+77.89. UPDATED LIMIT OF CONST. FOR DRIVE STA. 125+00. UPDATED PROFILE FOR DRIVE STA 121+64.41. ADDED NOTE FOR DRIVE STA. 122+09.44 LT.

REV. 7-27-12: REVISED TRACT 38 DRIVEWAY

REV. 8-08-12: REMOVED TRACT 36 DRIVEWAY ADDED ENGINEER SEAL BOX.

REV. 08-20-12: REVISED 16' PVT. DR. LT AT STA. 120+72.22±

REV. 09-24-12: REMOVED PVT DRIVE ON TRACT 38 STA. 123+30± AND REPLACED WITH PVT DRIVE AT STA. 125+00± REVISED DRIVEWAYS LOCATIONS.

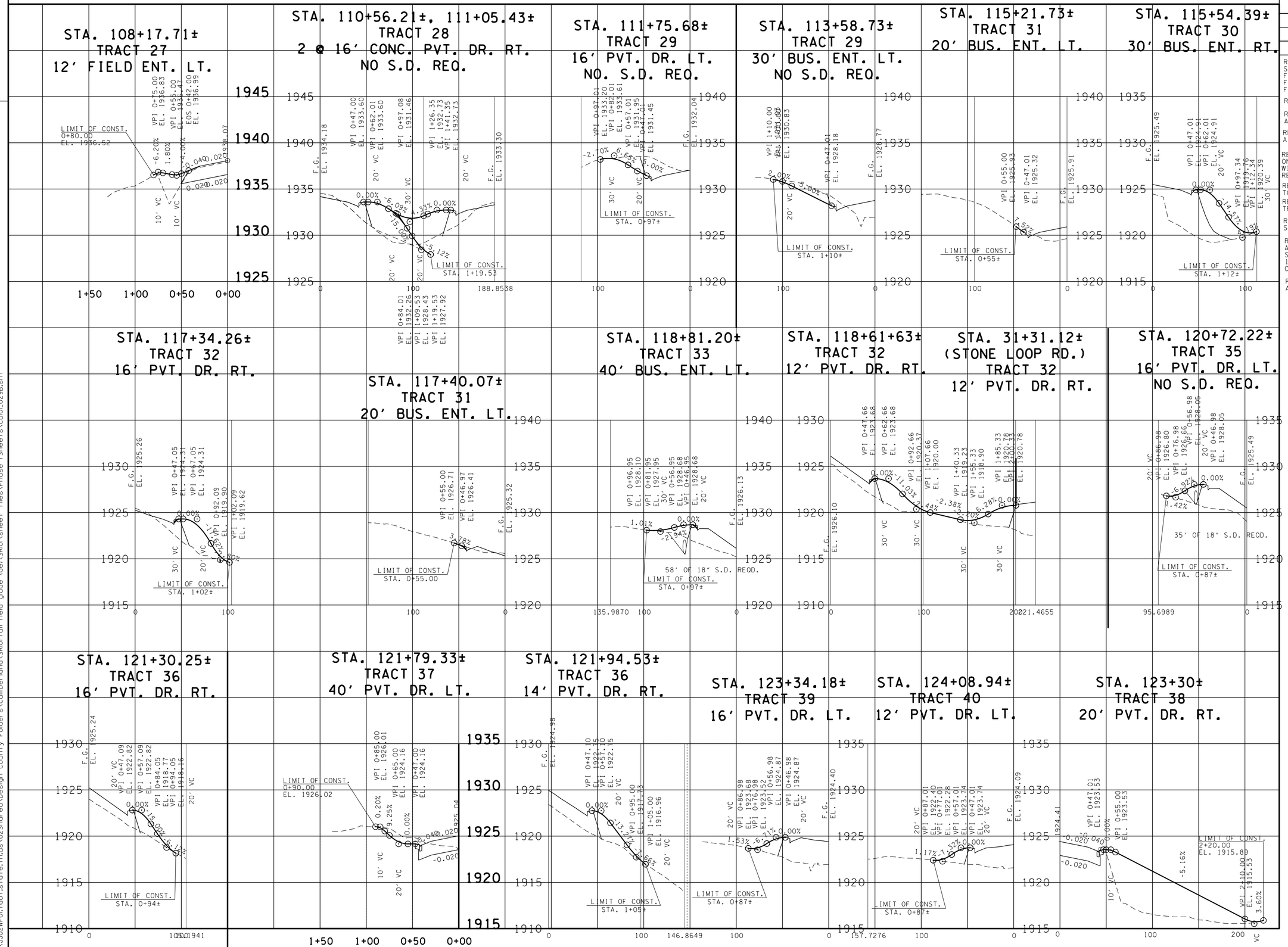
REV. 11-26-12: ADDED PROP. PIPES TO PVT DR STA 118+81.20 & 120+72.22

REV. 11-30-12: REMOVE 2 BUS ENT FROM TRACT 37 AND ADDED ONE 40' BUS ENT

REV. 2-21-13: MOVED FIELD ENT STA 108+17.71 FROM 29A.

REV. 5-22-13: REMOVED DRIVEWAY AT STA.125+00. ADDED DRIVEWAY AT STA.123+30.00. UPDATE YEAR. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.

REV. 03-08-16: REVISED DRIVEWAY AT STA. 108+17.71 PER CONST REQ.



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PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29C
CONST	2016	STP-101(16)	29C

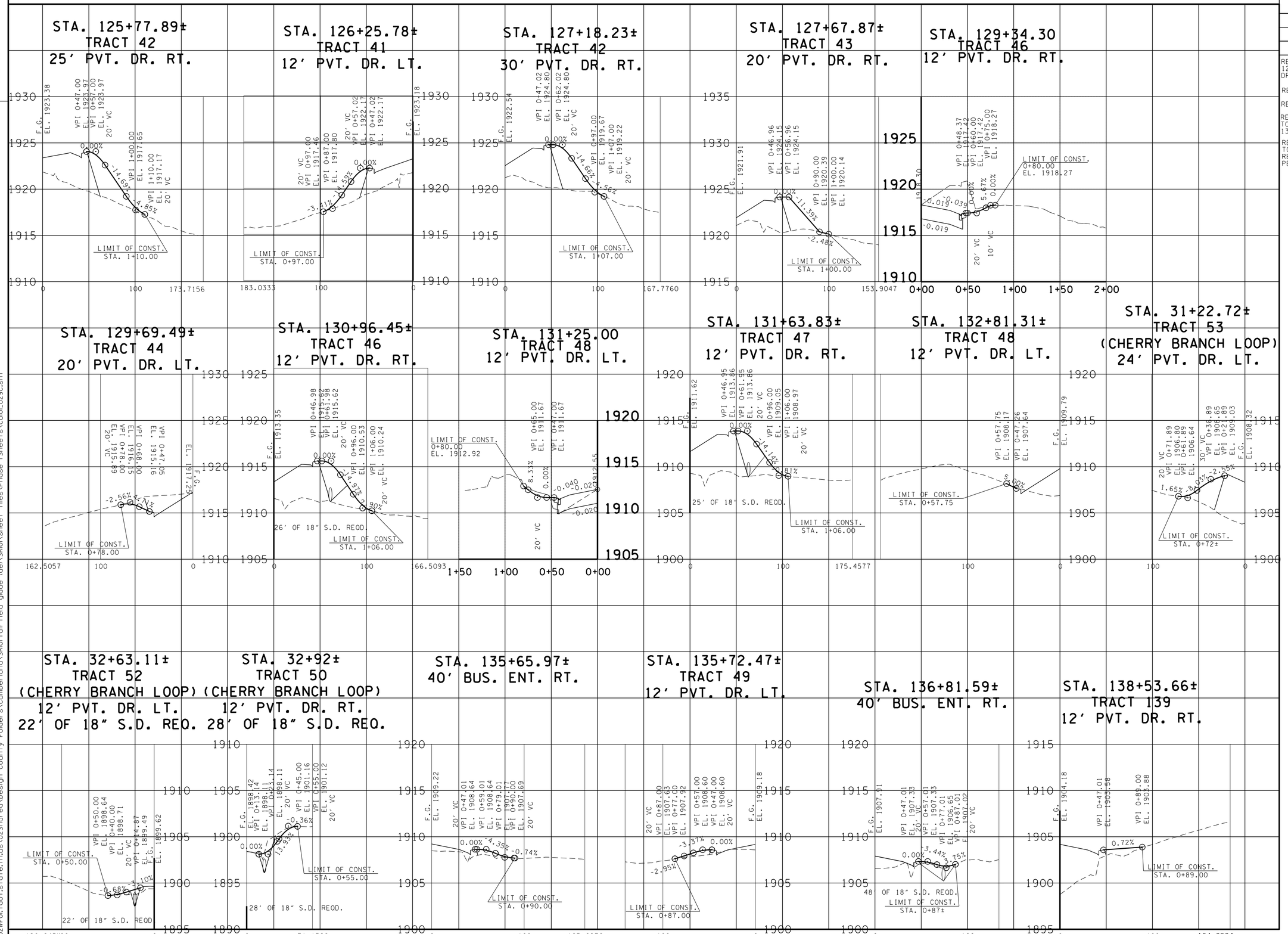
REV. 5-10-12: ADDED NOTES FOR DRIVES STA. 129+34.30 AND STA. 130+00.00. CORRECTED DRIVE WIDTH STA. 127+18.23.

REV. 08-20-12: ADDED PROP. PIPES

REV. 09-24-12: REVISED DRIVEWAY LOCATIONS

REV. 11-26-12: ADDED PROP PIPES TO DRIVEWAYS AT STA 130+96.45, 131+63.83, 136+81.59, & 138+53.66

REV. 5-22-13: REMOVED PROP PIPE TO DRIVEWAYS AT STA 138+53.66. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ. UPDATE YEAR.



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

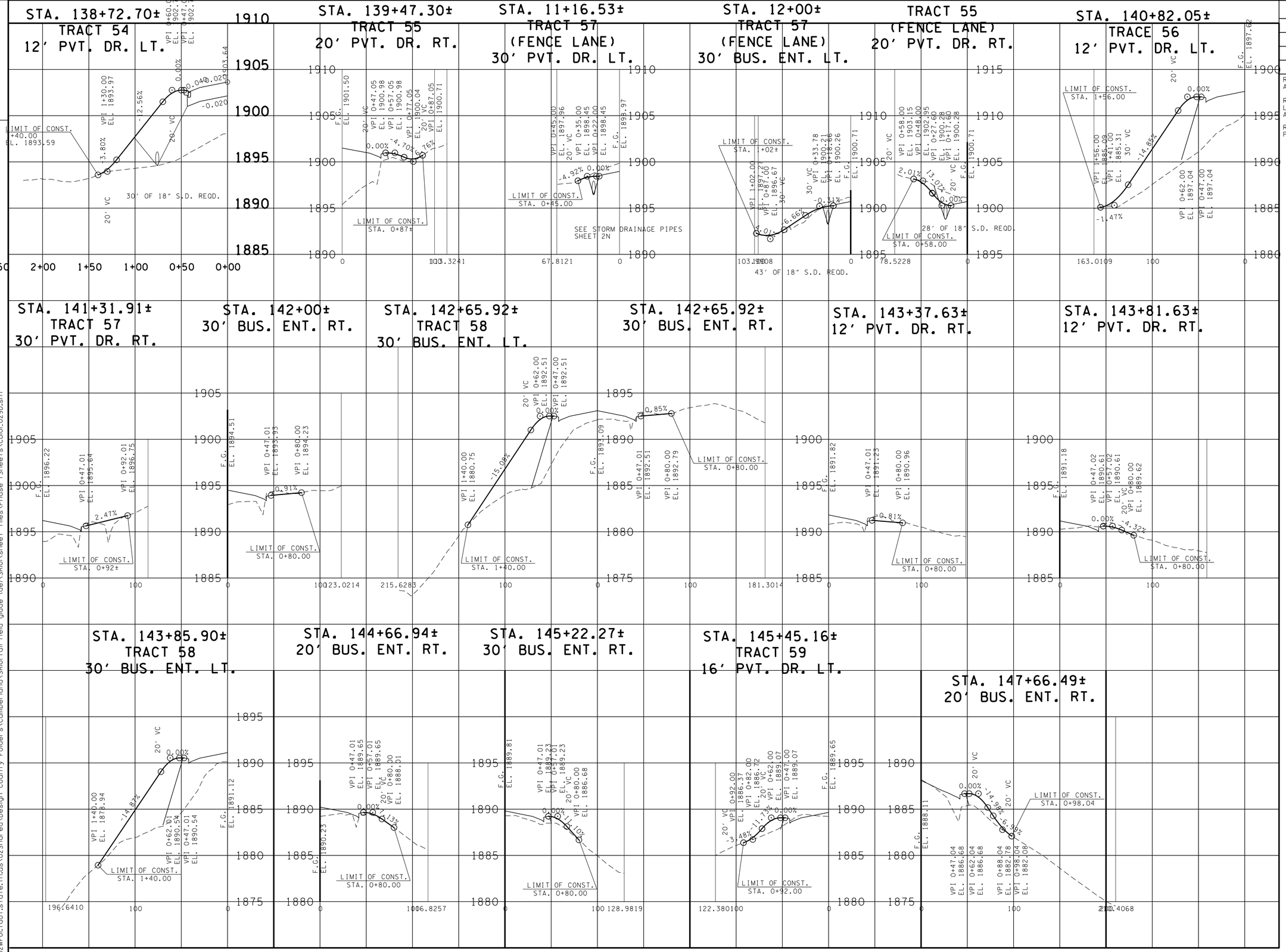
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29D
CONST	2016	STP-101(16)	29D

REV. 5-10-12: CORRECTED WIDTH FOR DRIVE AT STA. 148+51.

REV. 09-24-12: REVISED DRIVEWAY LOCATIONS. REVISED DRIVEWAY AT STA. 138+72.70

REV. 11-26-12: ADDED PROP PIPES TO DRIVEWAYS

REV. 5-22-13: REMOVED PROP PIPES TO DRIVEWAY AT STA.139+47.30. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ. UPDATE YEAR.



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29E
CONST	2016	STP-101(16)	29E

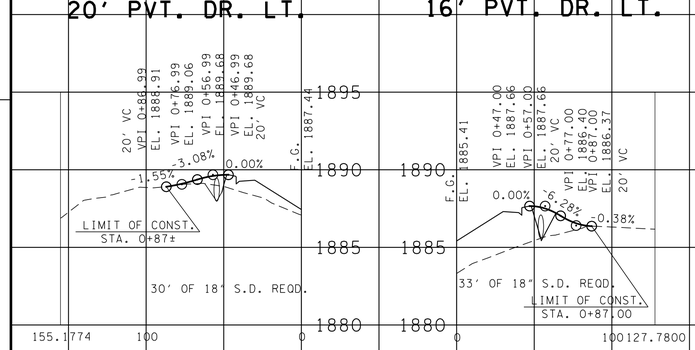
REV. 5-10-12: ADDED NOTE FOR DRIVE STA. 162+33.34.

REV. 09-24-12: REVISED DRIVEWAY LOCATIONS

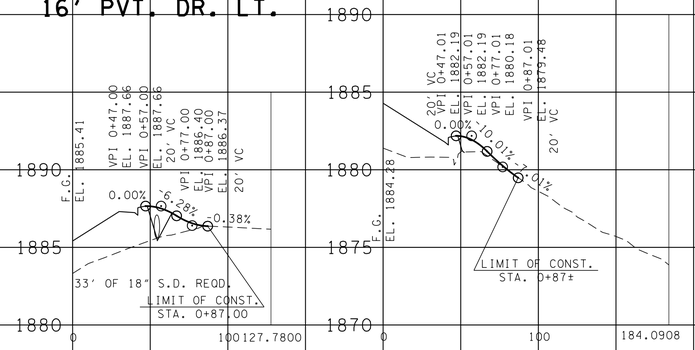
REV. 11-26-12: ADDED PROP PIPES TO DRIVEWAYS

REV. 5-22-13: UPDATE YEAR. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST REQ.

STA. 148+51.13± TRACT 60 20' PVT. DR. LT.

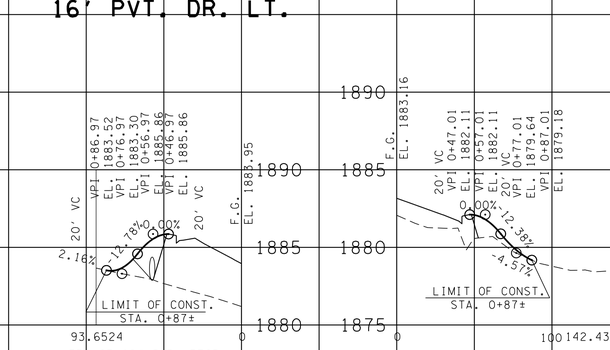


STA. 150+52.41± TRACT 61 16' PVT. DR. LT.

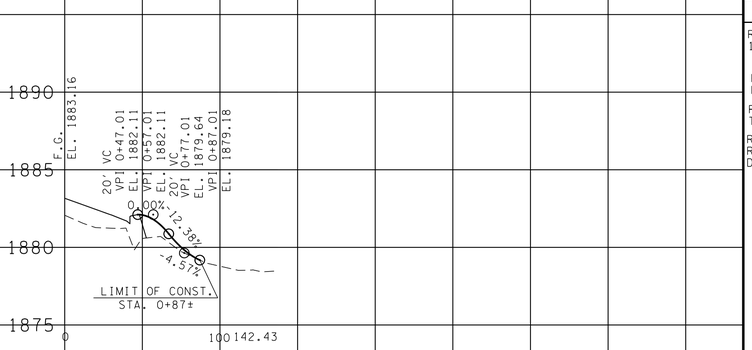


STA. 151+43.58± 40' BUS. ENT. RT.

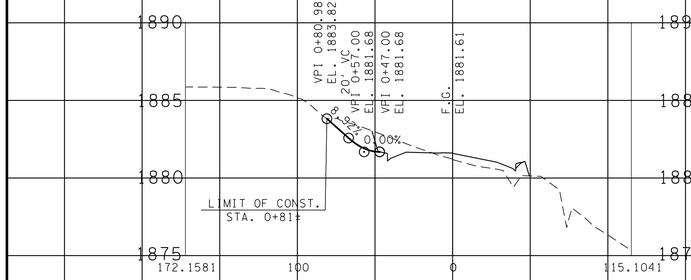
STA. 151+68.78± TRACT 61 16' PVT. DR. LT.



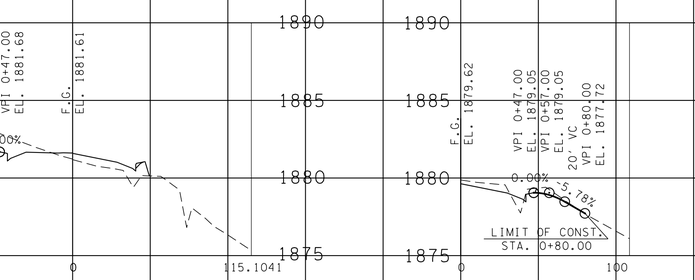
STA. 152+25.88± 40' BUS. ENT. RT.



STA. 153+28.46± TRACT 62 20' BUS. ENT. LT.

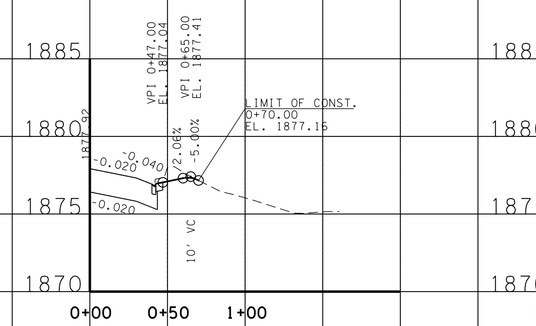


STA. 153+28.46± 20' LOWERED CURB RT.

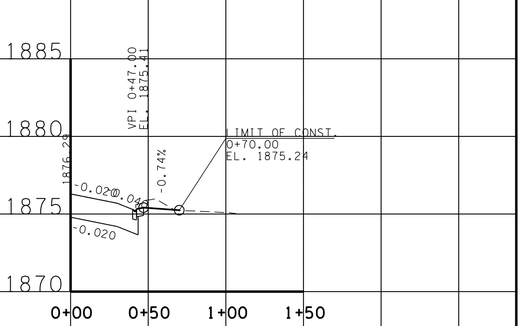


STA. 154+48± 30' BUS. ENT. RT.

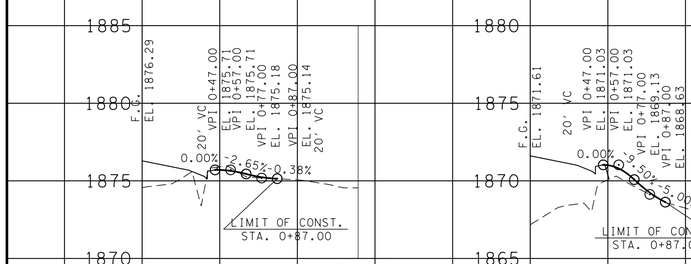
STA. 155+27.03± 30' BUS. ENT. RT.



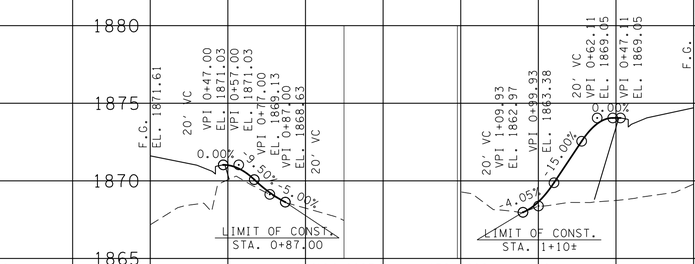
STA. 155+88.16± 30' BUS. ENT. RT.



STA. 156+66.19± 20' BUS. ENT. RT.

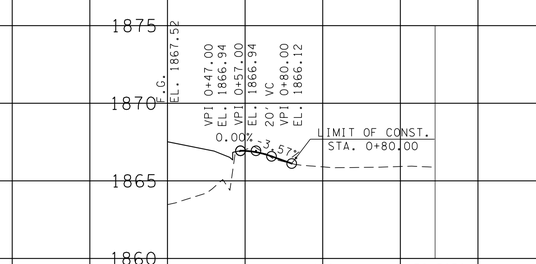


STA. 157+31.42± 30' BUS. ENT. RT.

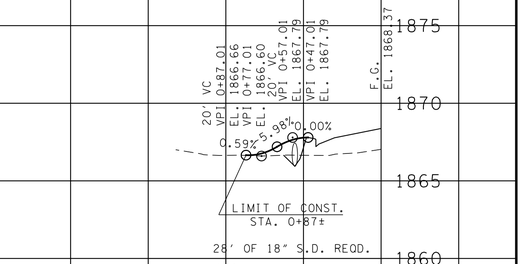


STA. 158+00± TRACT 64 12' FIELD ENT. LT.

STA. 159+30.19± 40' BUS. ENT. RT.



STA. 161+73.81± TRACT 66 12' PVT. DR. LT.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29F
CONST	2016	STP-101(16)	29F

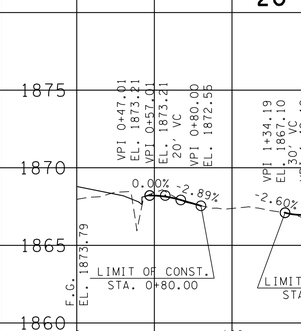
REV. 6-12-12: UPDATED PROFILE DRIVE AT STA. 167+53.34. ADDED NOTE FOR DRIVE PROFILE STA. 31+79.85.

REV.09-24-12: REVISED DRIVEWAY LOCATIONS

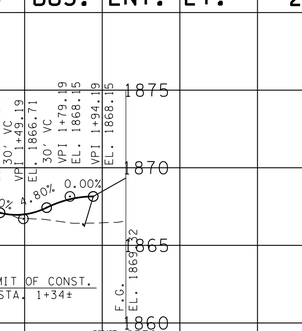
REV.11-26-12: ADDED PROP PIPES TO DRIVEWAYS.

REV.5-22-13: REVISED DRIVEWAY PROFILE AT SHORTY BARNES AND SR101 STA.164+08.97. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PER CONST. REQ. UPDATE YEAR.

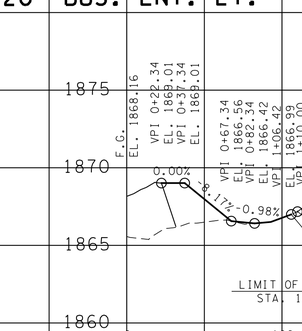
STA. 161+96.86±
TRACT 65
30' BUS. ENT. RT.



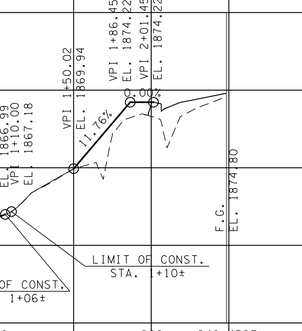
STA. 31+83.16±
(SHORTY BARNES RD.)
TRACT 65
20' BUS. ENT. LT.



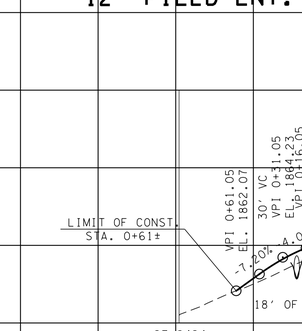
STA. 32+14.24±
(SHORTY BARNES RD.)
TRACT 68
20' BUS. ENT. LT.



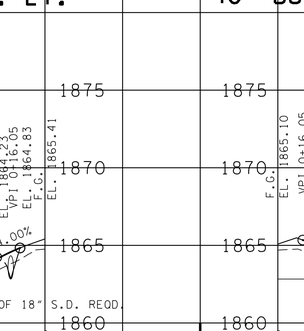
STA. 164+08.97±
TRACT 68
30' BUS. ENT. RT.



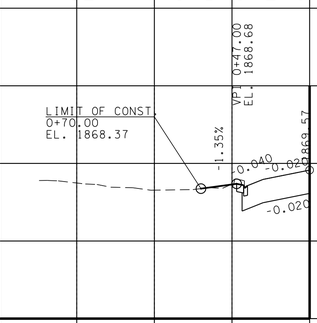
STA. 33+05.05±
(SHORTY BARNES RD.)
TRACT 69
12' FIELD ENT. LT.



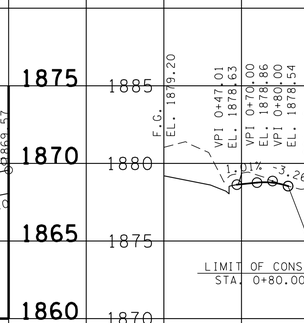
STA. 33+23.38±
(SHORTY BARNES RD.)
TRACT 65
40' BUS. ENT. RT.



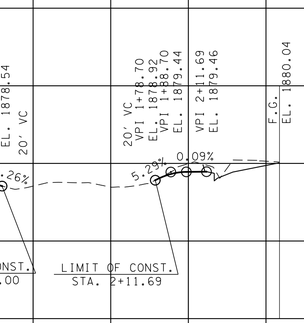
STA. 162+33.34
TRACT 66
12' PVT. DR. LT.



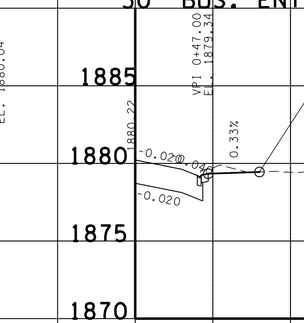
STA. 166+05.13±
30' BUS. ENT. RT.



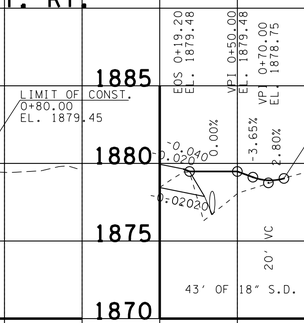
STA. 166+92.77±
30' BUS. ENT. RT.



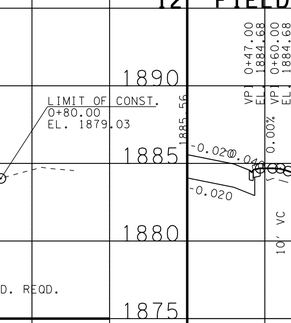
STA. 167+53.34±
TRACT 71
30' BUS. ENT. RT.



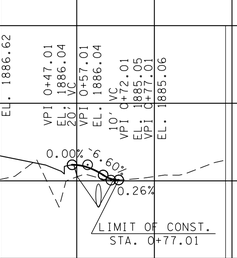
STA. 31+79.85
(FAIRVIEW DRIVE)
TRACT 71
30' BUS. ENT. RT.



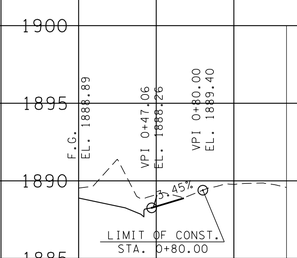
STA. 170+81.65±
TRACT 72
12' FIELD ENT. RT.



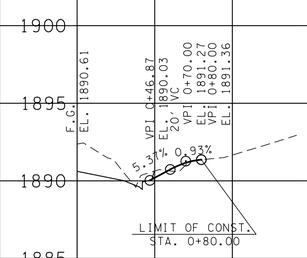
STA. 171+16.13±
20' BUS. ENT. RT.



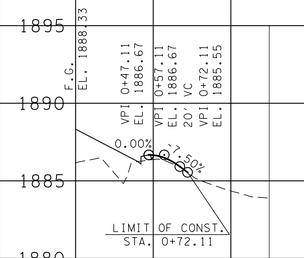
STA. 172+05.82±
20' BUS. ENT. RT.



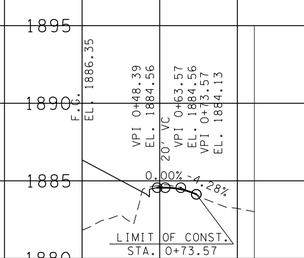
STA. 173+10±
12' FIELD ENT. RT.



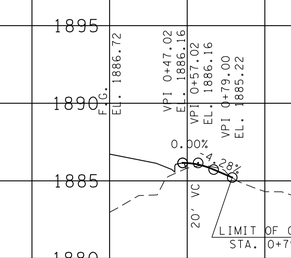
STA. 177+16.78±
40' BUS. ENT. RT.



STA. 178+58.48±
40' BUS. ENT. RT.



STA. 181+53.30±
20' BUS. ENT. RT.



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CONSTRUCTABILITY
FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF
PRIVATE
DRIVES

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

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

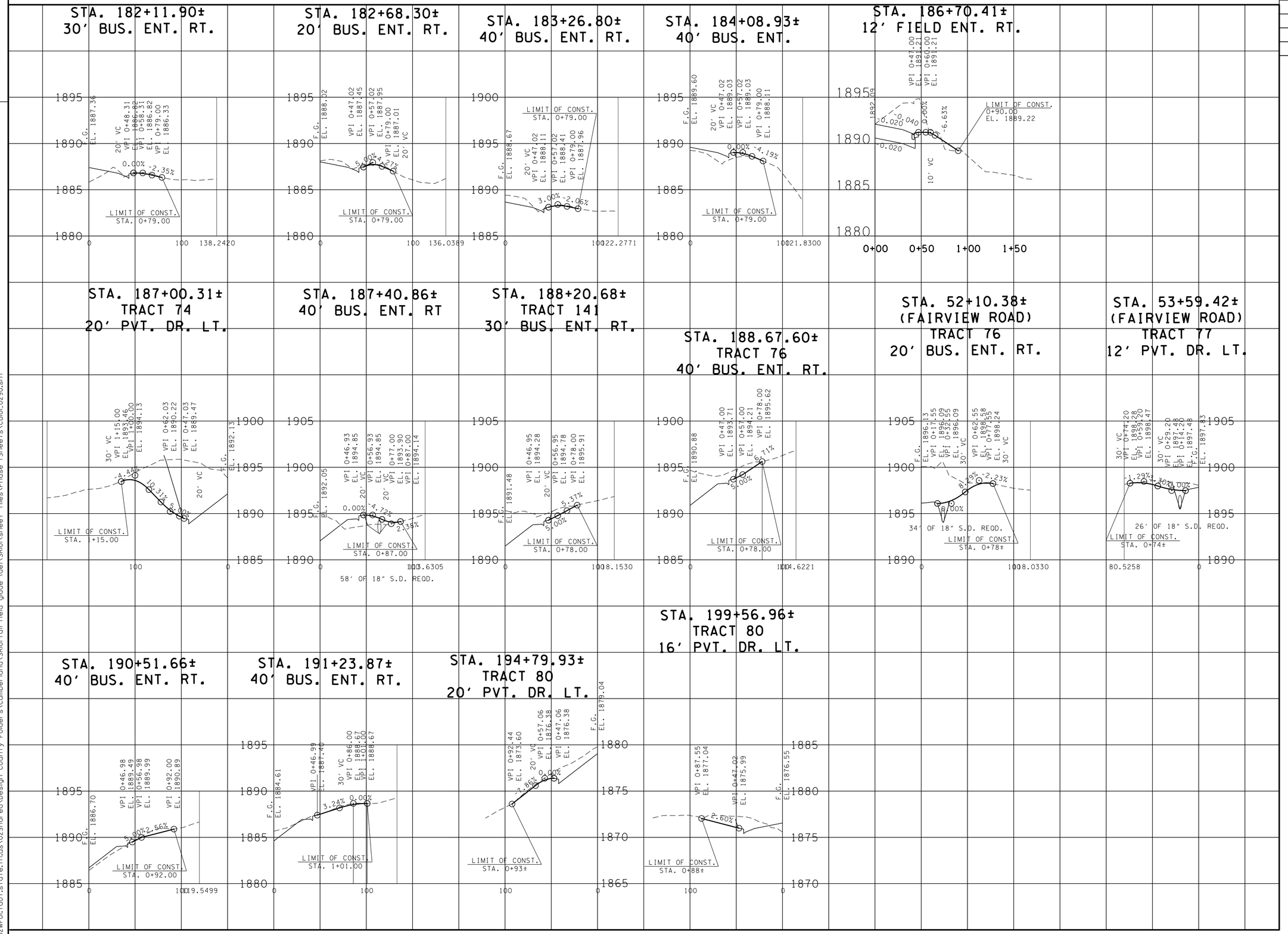
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29G
CONST	2016	STP-101(16)	29G

REV. 08-20-12 - ADDED PROP. PIPES TO DRIVES

REV. 09-24-12 - REVISED DRIVEWAY LOCATIONS. ADDED PROP PIPES TO FAIRVIEW ROADS DRIVEWAY.

REV. 11-26-12 - ADDED PROP. PIPE TO DRIVEWAY AT STA. 187+40.86
REV. 5-22-13 - REMOVED ST.GEORGE RD PROP. DRIVEWAYS. UPDATE YEAR. REVISE 10' DRIVEWAY TO 12' DRIVEWAY PER CONST REQ.

REV. 5-29-13- REVISED DESCRIPTION ON STA. 53+59.42 AND STA. 187+40.86



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	29H
CONST	2016	STP-101(16)	29H

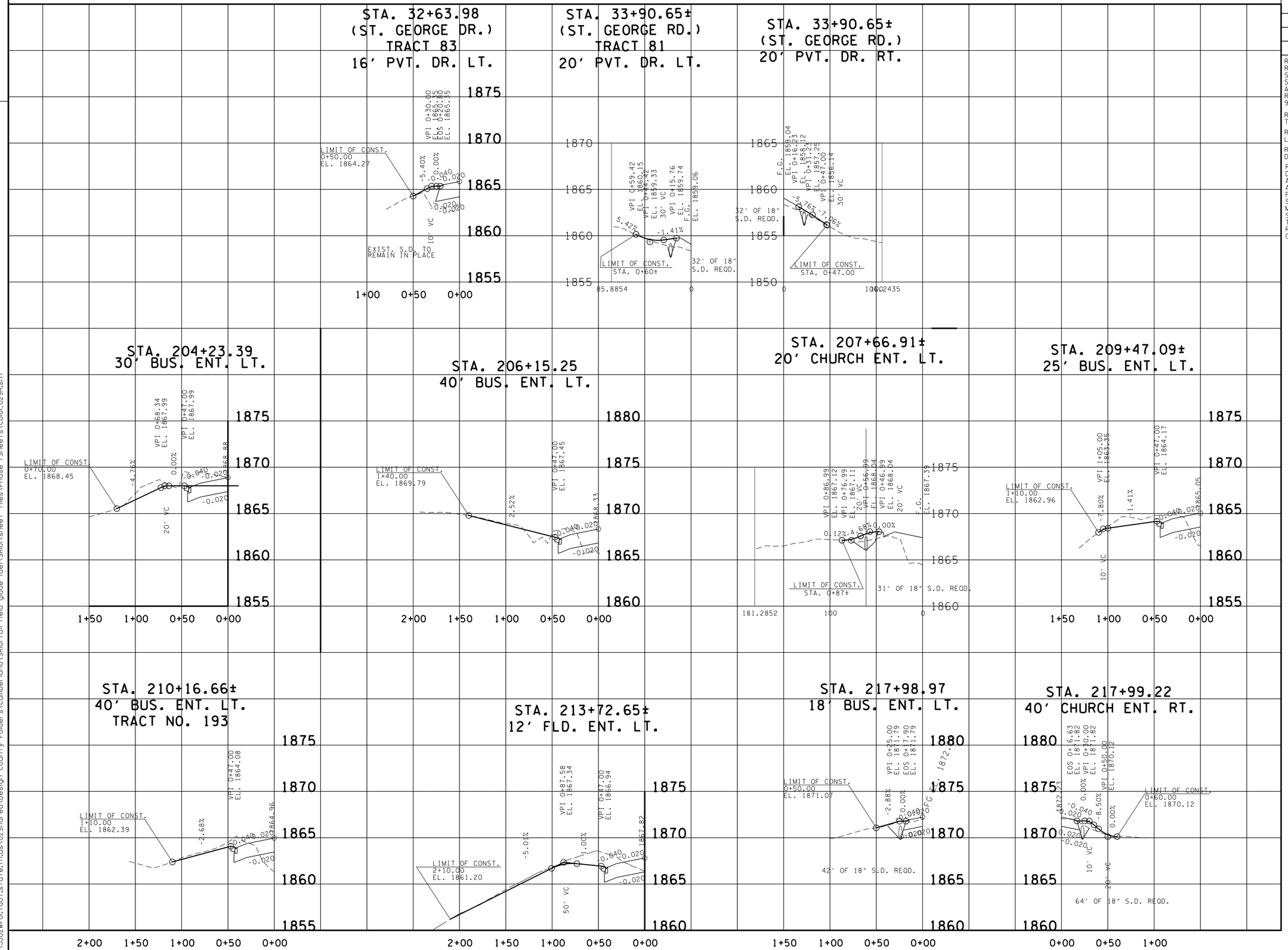
REV. 5-10-12: ADDED SHEET.
REV. 6-12-12: UPDATED PROFILE FOR DRIVE STA. 131+25.00. ADDED DRIVE PROFILES STA. 106+95.30, 107+93.90, 122+09.44, AND 31+79.85.
REV. 7-12-12: ADDED DRIVE PROFILES STA. 93+23.39 AND 204+23.39.

REV. 08-20-12: ADDED PROP. PIPES TO DRIVES

REV. 09-24-12: REVISED DRIVEWAY LOCATIONS

REV. 11-26-12: ADDED PROP PIPE TO DRIVEWAY AT STA. 207+66.91

REV. 5-22-13: REMOVED PHASE 2 DRIVEWAYS. ADDED PROP DRIVEWAY AT STA. 206+15.25, 209+47.09, 210+16.66, AND 217+99.22. UPDATE YEAR. ADDED PROP DRIVEWAY AT STA. 32+63.98(ST. GEORGE RD). MOVED ST. GEORGE RD PROP. DRIVEWAYS FROM SHEET 29G TO 29H. RENUMBERED SHEET 29G(1 TO 29H. ADDED DRIVEWAY AT STA.217-98.97. REVISE 10' DRIVEWAYS TO 12' DRIVEWAYS PE CONST REQ.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF
PRIVATE
DRIVES

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

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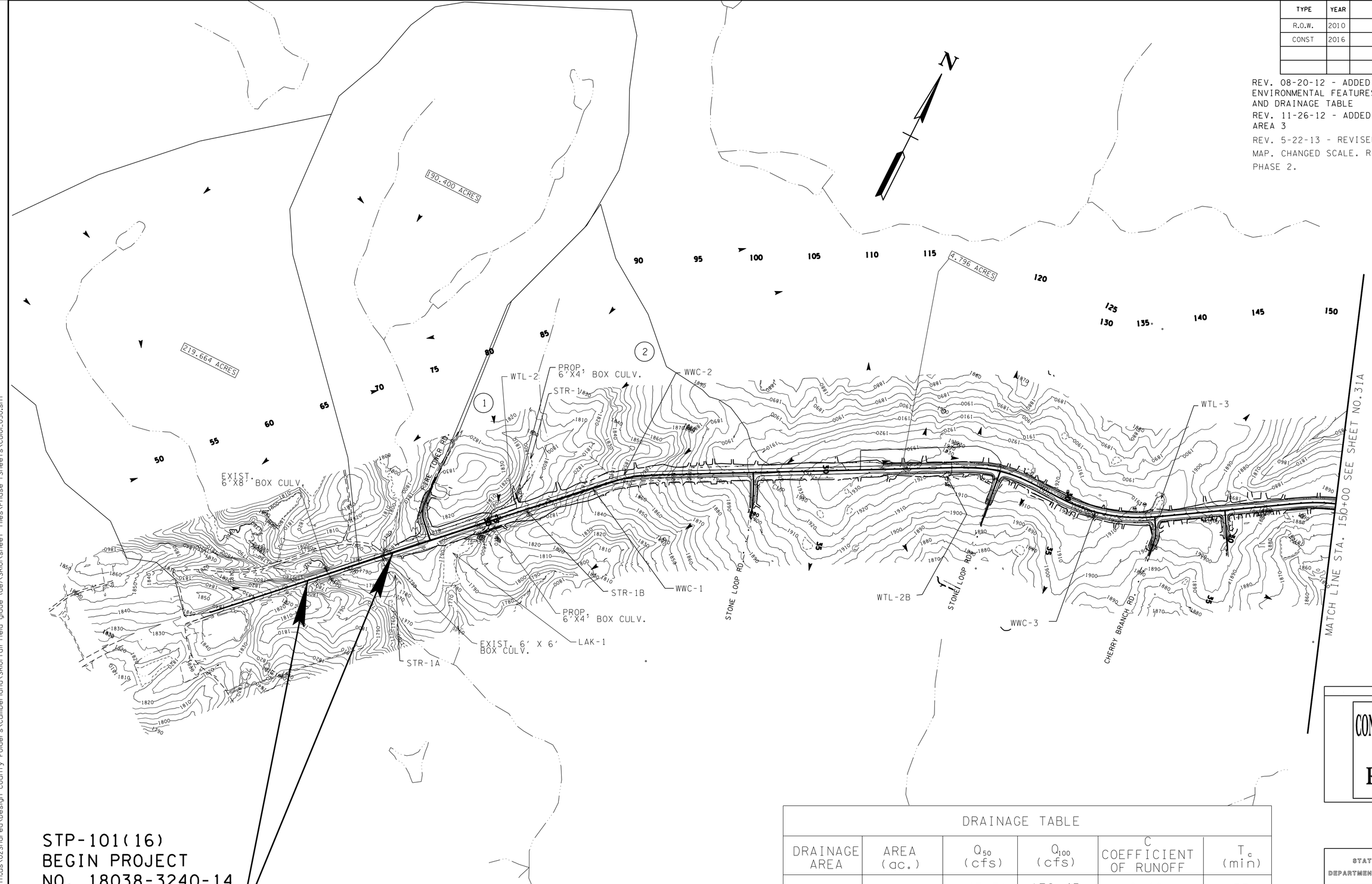
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	30
CONST	2016	STP-101(16)	30

REV. 08-20-12 - ADDED CONTOURS, ENVIRONMENTAL FEATURES, AND DRAINAGE TABLE
REV. 11-26-12 - ADDED DRAINAGE AREA 3
REV. 5-22-13 - REVISED DRAINAGE MAP. CHANGED SCALE. REMOVED PHASE 2.



STP-101(16)
BEGIN PROJECT
NO. 18038-3240-14
(CONST.)
STA. 58+86.00

STP-101(16)
BEGIN PROJECT NO. 18038-2237-14(R.O.W.)
STA. 66+54.40

DRAINAGE TABLE

DRAINAGE AREA	AREA (ac.)	Q_{50} (cfs)	Q_{100} (cfs)	C COEFFICIENT OF RUNOFF	T_c (min)
1	89.82	143.71	172.45	0.40	37
2	81.04	129.67	155.61	0.40	37
3	1.20	2.64	2.98	0.40	19

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.58+86 TO STA.150+00
SCALE: 1"=400'

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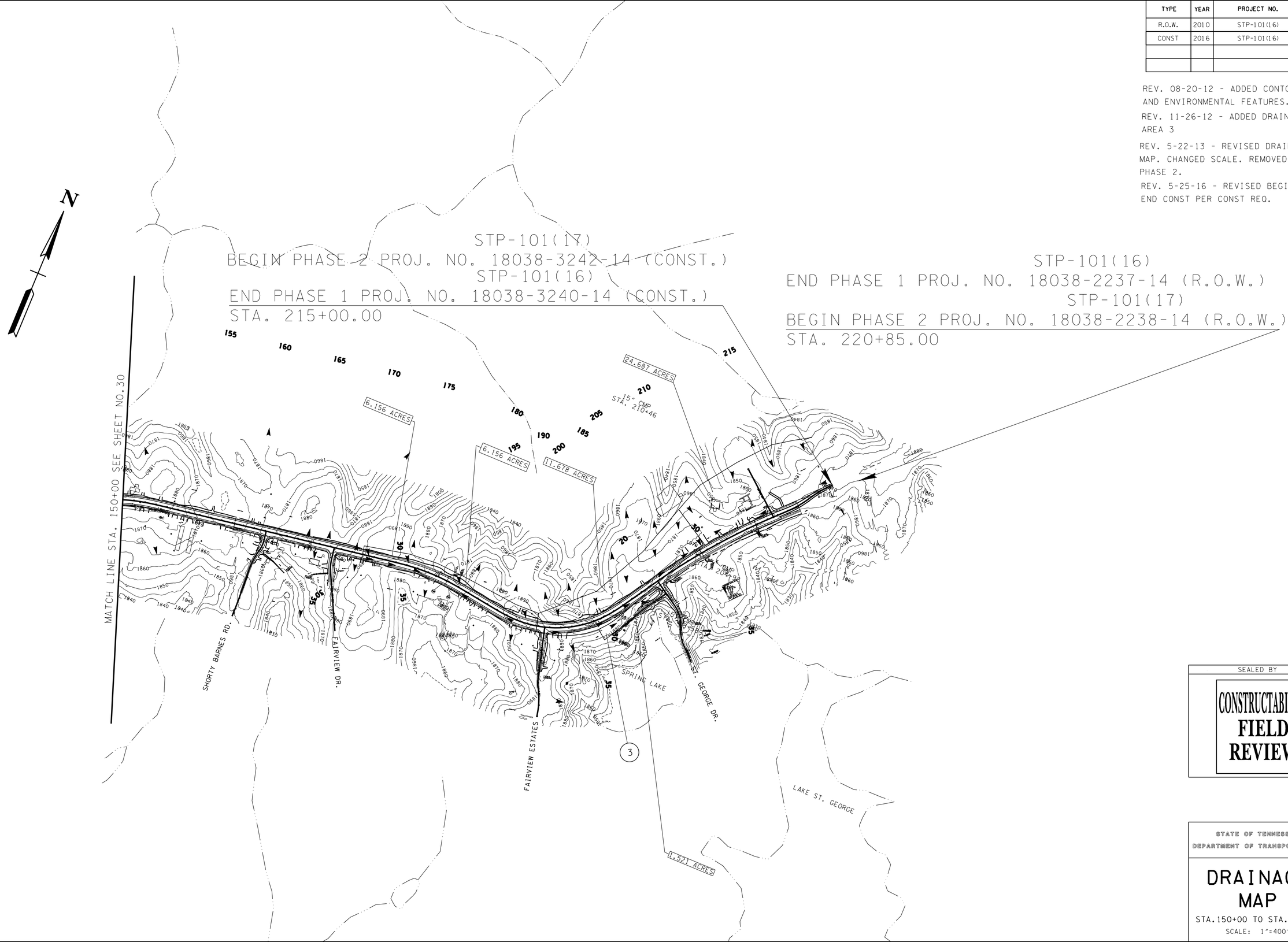
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	30A
CONST	2016	STP-101(16)	30A

REV. 08-20-12 - ADDED CONTOURS AND ENVIRONMENTAL FEATURES.

REV. 11-26-12 - ADDED DRAINAGE AREA 3

REV. 5-22-13 - REVISED DRAINAGE MAP. CHANGED SCALE. REMOVED PHASE 2.

REV. 5-25-16 - REVISED BEGIN AND END CONST PER CONST REQ.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.150+00 TO STA.218+62

SCALE: 1"=400'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	31
CONST	2016	STP-101(16)	31

FILE NO.

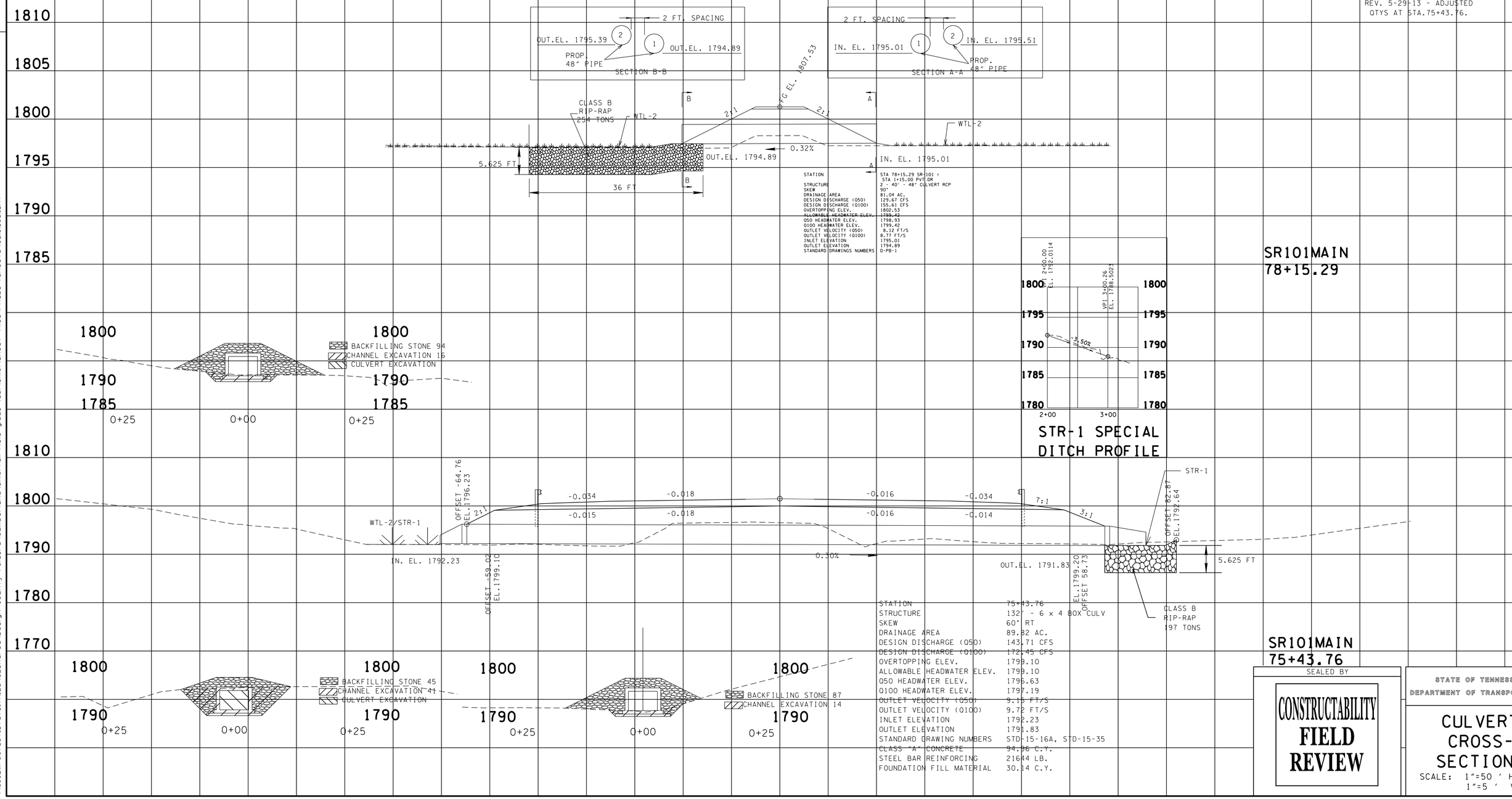
TENNESSEE D.O.T.
DESIGN DIVISION

REV. 08-20-12 - REMOVED 24" CULVERT CROSS-SECTION AND ADDED SR101 STA 75+43.76 AND SR101 STA 78+15.29 CROSS SECTION

REV. 09-24-12 - CHANGED CULV ON PRIVATE DRIVE. REVISED BOX CULV AT STA.75+43. ADDED SPECIAL DITCH PROFILE.

REV. 11-26-12 - ADDED BACKFILL CROSS SECTIONS

REV. 5-22-13 - UPDATE YEAR.
REV. 5-29-13 - ADJUSTED QTYS AT STA.75+43.76.



STATION	75+43.76
STRUCTURE	132' - 6 x 4 BOX CULV
SKEW	60° RT
DRAINAGE AREA	89.82 AC.
DESIGN DISCHARGE (Q50)	143.71 CFS
DESIGN DISCHARGE (Q100)	172.45 CFS
OVERTOPPING ELEV.	1799.10
ALLOWABLE HEADWATER ELEV.	1799.10
Q50 HEADWATER ELEV.	1796.63
Q100 HEADWATER ELEV.	1797.19
OUTLET VELOCITY (Q50)	9.15 FT/S
OUTLET VELOCITY (Q100)	9.72 FT/S
INLET ELEVATION	1792.23
OUTLET ELEVATION	1791.83
STANDARD DRAWING NUMBERS	STD-15-16A, STD-15-35
CLASS "A" CONCRETE	94.96 C.Y.
STEEL BAR REINFORCING	2164.4 LB.
FOUNDATION FILL MATERIAL	30.14 C.Y.

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DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

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

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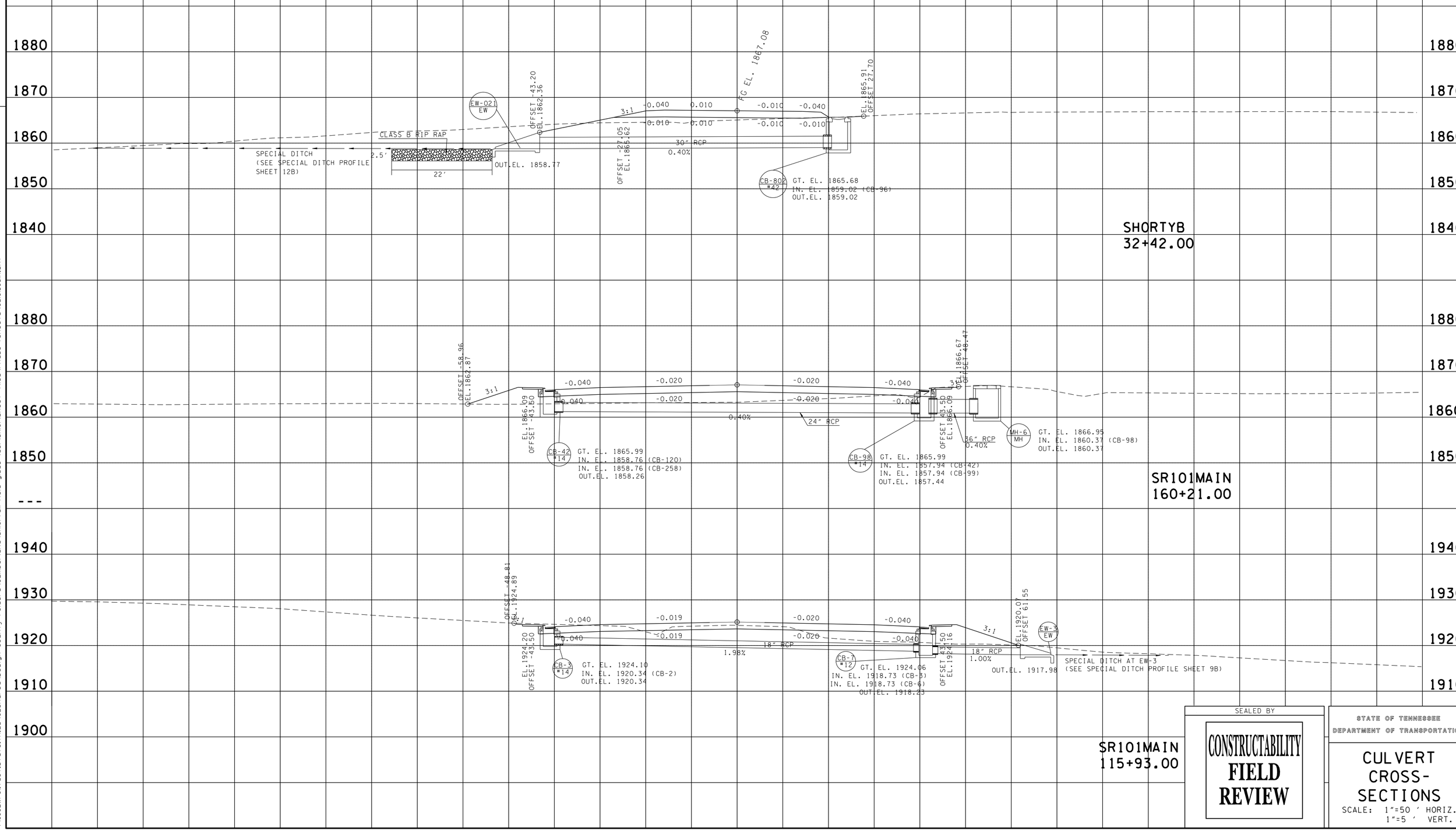
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	31A
CONST	2016	STP-101(16)	31A

REV. 5-22-13 - ADDED SHEET.
REV. 5-25-16 - REVISED PROP DRAIN ON STA 32+42.00 SHORTYB AND STA 160+21.00 SR101MAIN.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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CULVERT CROSS-SECTIONS

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

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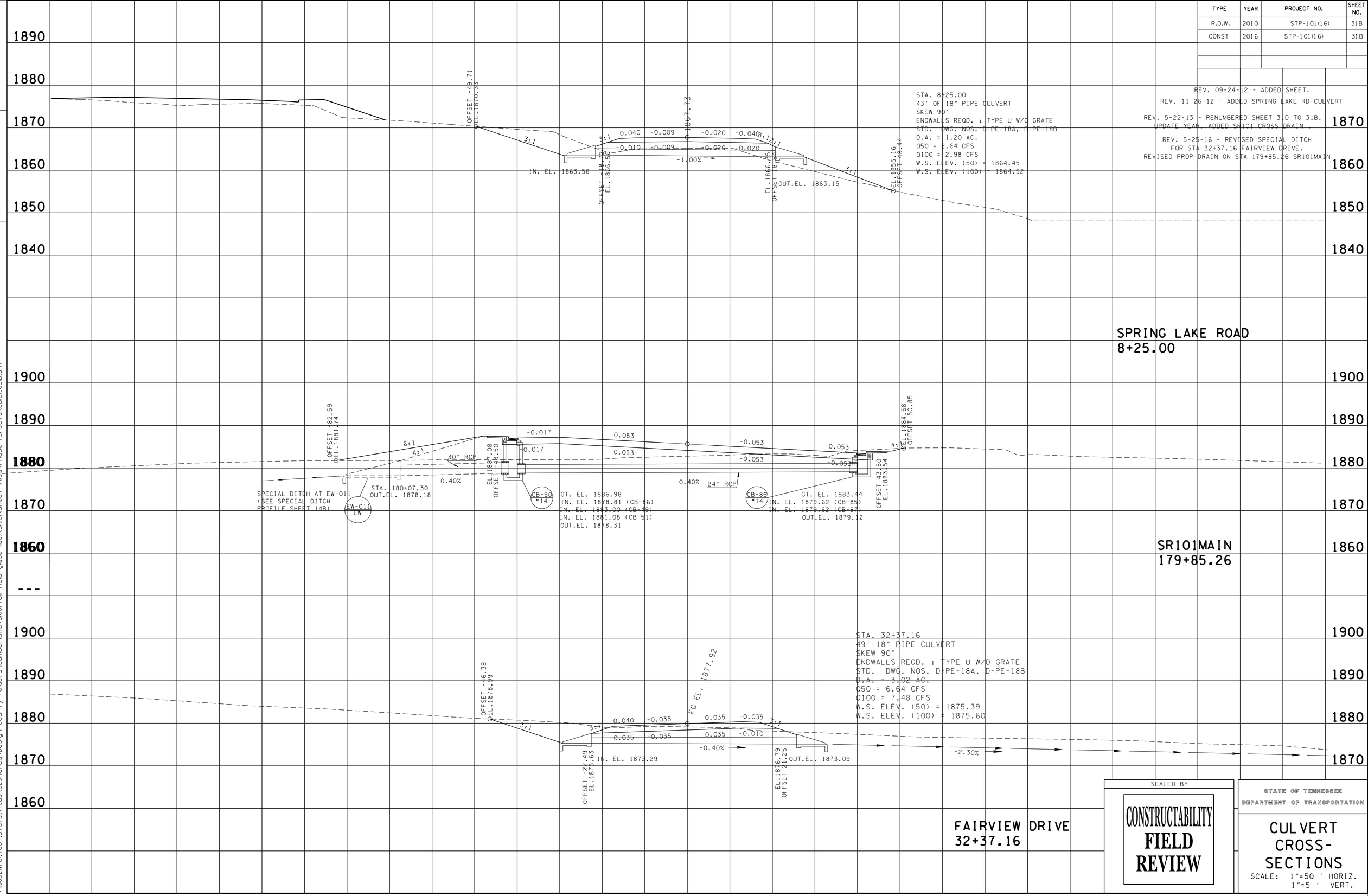
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	31B
CONST	2016	STP-101(16)	31B

REV. 09-24-12 - ADDED SHEET.
REV. 11-26-12 - ADDED SPRING LAKE RD CULVERT
REV. 5-22-13 - RENUMBERED SHEET 31D TO 31B. UPDATE YEAR. ADDED SR101 CROSS DRAIN .
REV. 5-25-16 - REVISED SPECIAL DITCH FOR STA 32+37.16 FAIRVIEW DRIVE. REVISED PROP DRAIN ON STA 179+85.26 SR101MAIN



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

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

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

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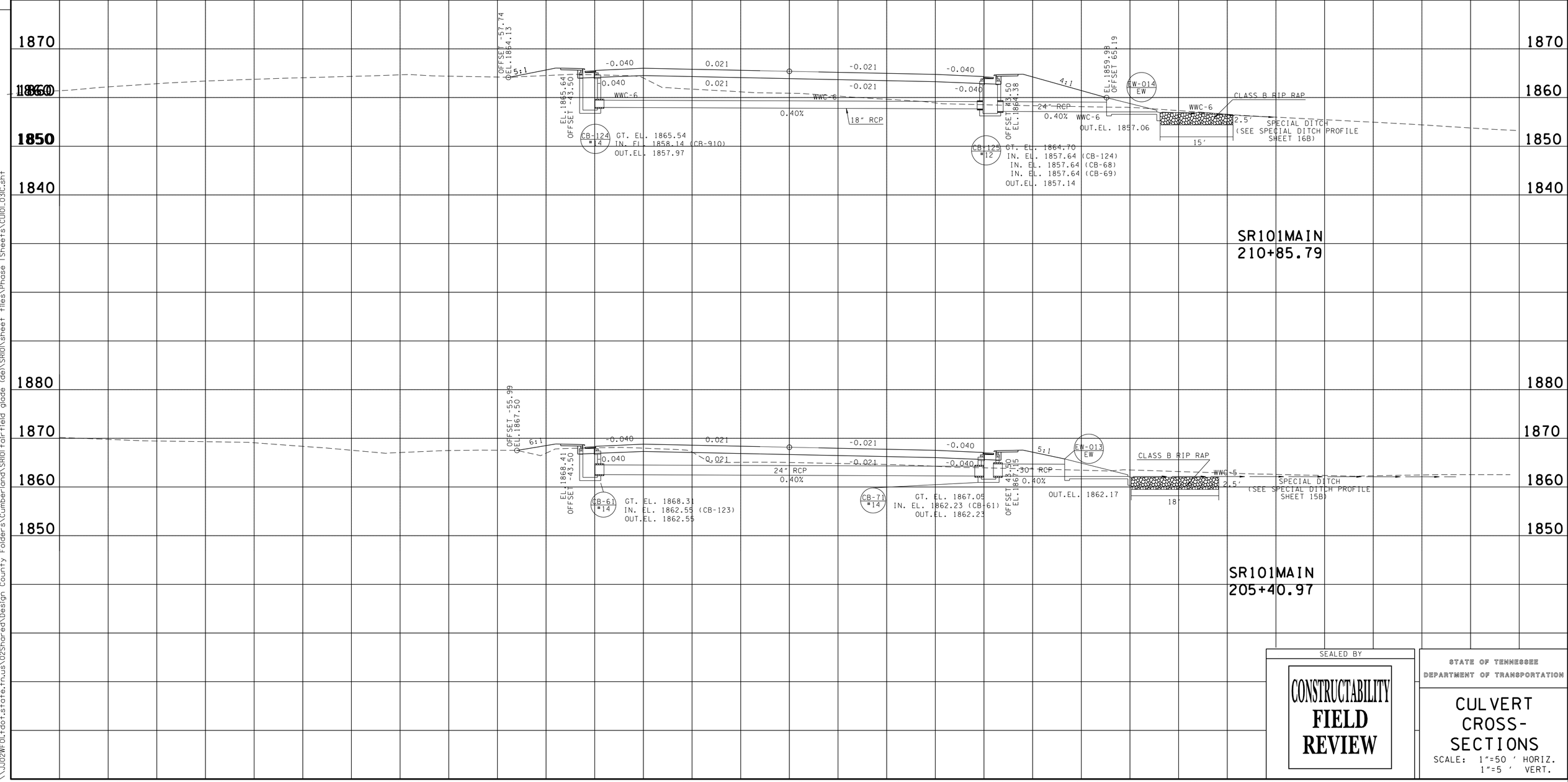
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	31C
CONST	2016	STP-101(16)	31C

REV. 5-22-13 - ADDED SHEET.

REV. 05-25-16 - REVISED PROP DRAIN ON STA 210+85.79 AND STA 205+40.97.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

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

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EROSION PREVENTION AND SEDIMENT CONTROL NOTES

STREAM/WETLAND

(1) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., FOR PIER FOOTING, RIP-RAP PLACEMENT, MULTI-BARREL 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) A 30 FOOT NATURAL RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STREAM SHALL BE PRESERVED, TO THE MAXIMUM EXTENT PRACTICABLE, DURING CONSTRUCTION ACTIVITIES AT THE SITE. BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE RIPARIAN BUFFER ZONE SHALL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. 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. EVERY ATTEMPT SHALL BE MADE FOR CONSTRUCTION ACTIVITIES NOT TO TAKE PLACE WITHIN THE BUFFER ZONES. BEST MANAGEMENT PRACTICES (BMPS) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MAY BE USED. A JUSTIFICATION FOR USE AND DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE SWPPP. THE ENVIRONMENTAL AND DESIGN DIVISIONS SHALL REVIEW AND APPROVE THIS REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE SITE PROCEEDS, UNLESS PREVIOUSLY EXEMPT IN THE NPDES CONSTRUCTION GENERAL PERMIT. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

NPDES

(3) 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 BASIC EPSC DEVICES ON THE EPSC PLAN CONTAINED IN THE APPROVED SWPPP.

(4) THE EPSC MEASURES AND/OR PLAN SHALL BE MODIFIED AS NECESSARY SO THAT THEY ARE EFFECTIVE AT ALL TIMES THROUGHOUT THE COURSE OF THE PROJECT.

(5) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES, INCLUDING WITHOUT LIMITATION AS FOLLOWS:

A. INITIAL CLEARING AND GRUBBING SHALL BE LIMITED TO THAT NECESSARY FOR THE INSTALLATION OF APPLICABLE EPSC MEASURES IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

B. NO OTHER CLEARING AND GRUBBING OPERATIONS SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

C. NO CULVERT OR BRIDGE CONSTRUCTION SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

D. NO GRADING, EXCAVATION, CUTTING, FILLING, OR OTHER EARTHWORK SHALL BE STARTED BEFORE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

(6) PERMANENT EPSC MEASURES SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OF ANY SEQUENCE OR PHASE. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OR WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 14 CALENDAR DAYS. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE.

(7) STEEP SLOPES (A NATURAL OR CREATED SLOPE OF 35% GRADE (2.8H:1V) OR GREATER REGARDLESS OF HEIGHT) SHALL BE TEMPORARILY STABILIZED NO LATER THAN 7 CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED.

(8) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SUPPORT ACTIVITIES; TDOT PROJECTS ARE COVERED UNDER THE "WASTE AND BORROW" MANUAL PER THE SSWMP.

(9) 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.

UTILITY RELOCATION

(10) RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND MAINTAINED.

(11) SILT FENCE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY

(12) UTILITY CROSSINGS FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO UTILITIES IN THIS PROJECT IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC). THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS (SWPPP).

(13) IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM THEIR OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE 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.

(14) 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 SEVEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOIL OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EROSION PREVENTION AND SEDIMENT CONTROL (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 SUCH TIME AS THE TRENCH IS BACKFILLED.

(15) IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS IN THIS PROJECT, THEREFORE, THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTIONS PREVENTION PLANS (SWPPP). THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT WORK.

(16) TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORM WATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.

(17) FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) 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.

(18) THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS (AS APPROVED BY THE TDOT PROJECT ENGINEER).

(19) THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES TO REPLACE IN-PLACE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT PROJECT ENGINEER BEFORE COMMENCING WORK.

POLYACRYLAMIDE

(22) ENSURE POLYACRYLAMIDE (PAM) EMULSIONS AND POWDERS ARE OF THE ANIONIC TYPE AND MEET THE FOLLOWING REQUIREMENTS:

(23) MEETS THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR GREATER THAN 0.005% ACRYLAMIDE MONOMER.

(24) HAS A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLE.

(25) MIXTURE IS NON-COMBUSTIBLE.

(26) CONTAINS ONLY MANUFACTURER'S RECOMMENDED ADDITIVES.

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

(28) ALL VENDERS AND SUPPLIERS OF PAM, PAM MIX, OR PAM BLENDS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT WHICH VERIFIES THAT THE PAM, PAM MIX, PAM BLEND 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. CATIONIC FORMS OF PAM ARE NOT ALLOWED FOR UNDER THIS GUIDELINE DUE TO THEIR HIGH LEVELS OF TOXICITY TO AQUATIC ORGANISMS. PAM EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS DUR TO SURFACTANT TOXICITY. CONTRACTOR MUST SEEK THE APPROVAL OF THE EPSC DESIGN ENGINEER AND TDOT IF CHITOSAN IS PROPOSED FOR USE ON THIS PROJECT.

(29) ALL VENDORS AND SUPPLIERS OF PAM, PAM MIX, OR PAM BLENDS SHALL SUPPLY WRITTEN "SITE SPECIFIC" TESTING RESULTS DEMONSTRATING THAT A PERFORMANCE OF 95% OR GREATER REDUCTION OF NTU OR TSS FROM STORMWATER DISCHARGES.

(30) EMULSION BATCHES SHALL BE MIXED FOLLOWING RECOMMENDATIONS OF A TESTING LABORATORY THAT DETERMINES THE PROPER PRODUCT AND RATE TO MEET SITE REQUIREMENTS. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS.

(31) PAM POWDER MAY BE APPLIED BY A HAND SPREADER OR A MECHANICAL SPREADER. MIXING PAM POWDER WITH DRY ~~DILICA~~ SILICA SAND WILL AID IN SPREADING.

(32) PREMIXING OF PAM POWDER INTO FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS IS ALLOWED WHEN SPECIFIED IN THE DESIGN PLAN. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.

(33) PAM LOGS OR BLOCKS SHALL BE APPLIED FOLLOWING SITE TESTING RESULTS TO ENSURE PROPER PLACEMENT AND PERFORMANCE AND SHALL MEET OR EXCEED STATE AND FEDERAL WATER QUALITY REQUIREMENTS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32
CONST	2016	STP-101(16)	32

REV. 08-20-12 - UPDATED EPSC NOTES.

REV. 5-22-13 - UPDATED EPSC NOTES. UPDATE YEAR.

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32(1A)
CONST	2016	STP-101(16)	32(1A)

REV 11-26-12- ADDED SHEET
REV 5-22-13- UPDATE SHEET. UPDATE YEAR.
REV 11-25-15- REVISED QTYS PER CONST REQ.
REV 05-25-16- UPDATED QTYS.

EROSION PREVENTION SEDIMENT CONTROL QUANTITIES

STAGE	PAY ITEMS																								
	203-01 (C.Y.) R&D EXEC	209-05 (C.Y.) SEDIMENT REMOVAL	209-08.02 (L.F.) (SFB)	209-08.03 (L.F.) (SF)	209-08.07 (EACH) (RCD)	209-08.08 (EACH) (ERCD)	209-09.01 (BAG)	209-09.03 (EACH) (FILTER BAG)	209-09.41 (EACH) CB TYPE 2	209-09.43 (EACH) CB TYPE 4	209-40.41 (L.F.) CBFA TYPE 1	209-40.42 (L.F.) CBFA TYPE 2	209-40.45 (L.F.) CBFA TYPE 5	209-40.46 (L.F.) CBFA TYPE 6	209-40.47 (L.F.) CBFA TYPE 7	209-65.03 (L.F.) TEMP DIV	303-10.01 (TON) 57 STONE	621-03.02 (L.F.) 18"TEMP PIPE	621-03.03 (L.F.) 24"TEMP PIPE	707-08.11 (L.F.) HVF	709-05.06 (TON) CLASS A-3	709-05.06 (TON) CLASS A-1	740-10.03 (S.Y.) GEOTEX TYPE 3	740-11.03 (L.F.) TUBE	805-12.02 (S.Y.) ECB
1	60	-	948	17714	7	23	-	-	-	-	-	-	-	-	0	-	4	-	-	125	272	23	484	1231	
2	1820	1749	1785	11693	34	20	3	3	-	-	13	8	1	43	20	225	452	140	220	169	590	1798	5250	9082	
3	54	54	6330	297	3	18	-	-	1	123	-	2	-	-	1	-	8	-	-	-	-	45	108	3935	4731
TOTALS	**1934**	**1802**	**9063**	**29704**	**44**	**61**	**3**	**3**	**1**	**123**	**13**	**10**	**1**	**43**	**21**	**225**	**464**	**140**	**220**	**294**	**862**	**1866**	**5842**	**14248**	**4731**

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	1934
209-05	SEDIMENT REMOVAL	C.Y.	1802
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	9063
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	29704
209-08.07	ROCK CHECK DAM	EACH	44
209-08.08	ENHANCED ROCK CHECK DAM	EACH	61
209-09.01	SANDBAGS	BAG	587
209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	3
209-09.21	POLYACHLAMIDE GEL LOGS	EACH	886
209-09.22	POLYACHLAMIDE POWDER	LB.	4898
209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	1
209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	123
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	41
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	13
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	EACH	10
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	1
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	43
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	EACH	21
209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	225
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	464
621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	140
621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	220
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	294
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	862
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	1866
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	5842
740-11.03	TEMPORARY SEDIMENT TUBE 18IN (DESCRIPTION)	L.F.	14248
805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	4731

ALL QUANTITIES ARE TO BE USED AS DIRECTED BY ENGINEER.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
	TEMPORARY SLOPE DRAIN WITH TEMPORARY BERM	EC-STR-27
	RIPRAP	EC-STR-27

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	SAND BAG BERM	EC-STR-33
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
	EROSION CONTROL BLANKET	EC-STR-34
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
2	CURB INLET PROTECTION (TYPE 2)	EC-STR-39
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
2	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
5	CATCH BASIN FILTER ASSEMBLY (TYPE 5)	EC-STR-45
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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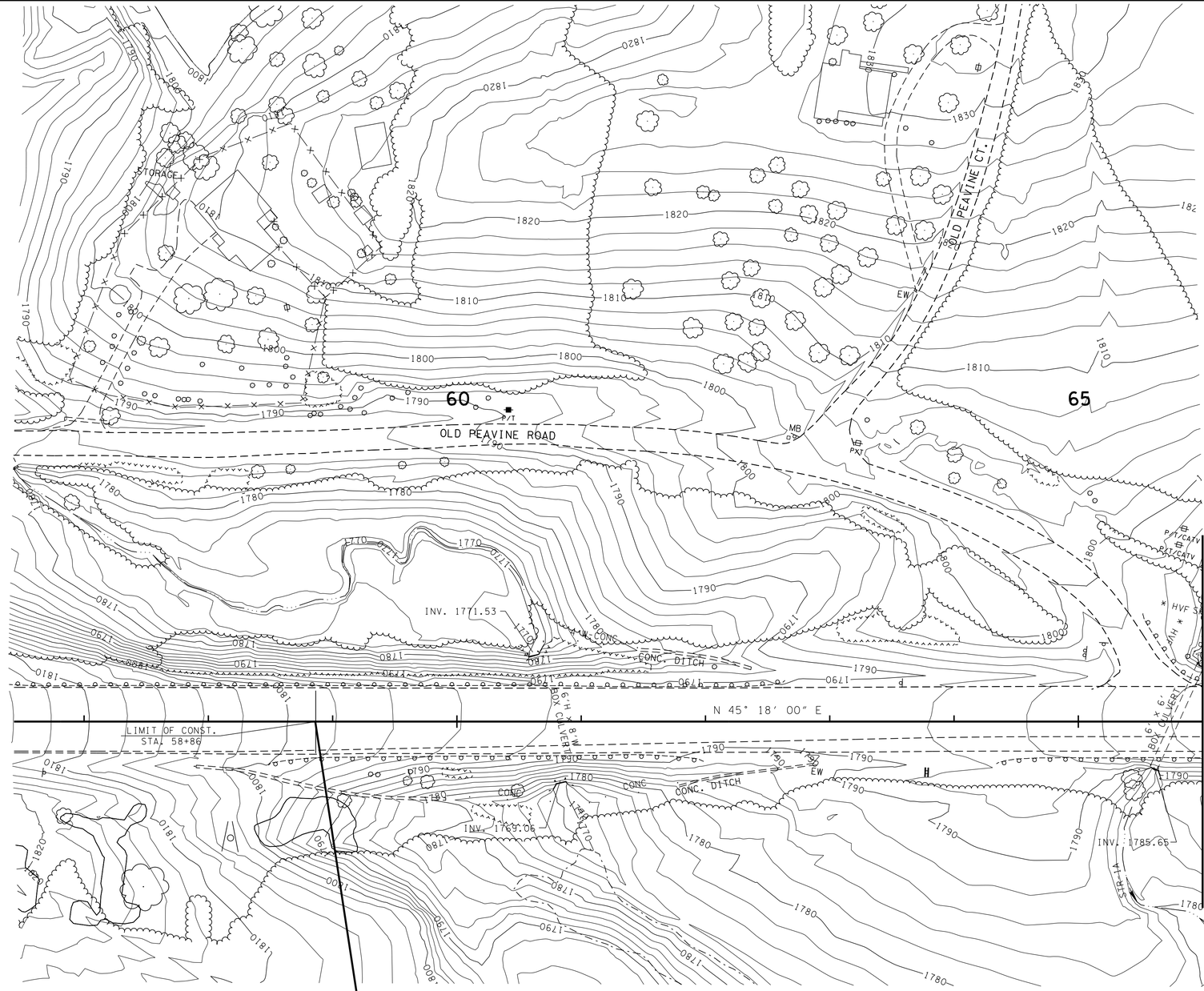
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32A
CONST	2016	STP-101(16)	32A

REV. 5-22-13 - ADDED SHEET.
REV. 1-15-16 - REMOVE ADJUST GR NOTE PER CONST REQ.

REV 05-25-16-ADDED SHEET.



STP-101(16)
BEGIN PROJECT NO. 18038-3240-14 (CONST.)
STA. 58+86.00

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 56+00 TO STA. 66+00
SCALE: 1"= 50'

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

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-1	0.09	10.00
OUT-4	4.40	5.00
OUT-5	3.00	2.00

TOTAL DISTURBED AREA
60.60 AC.

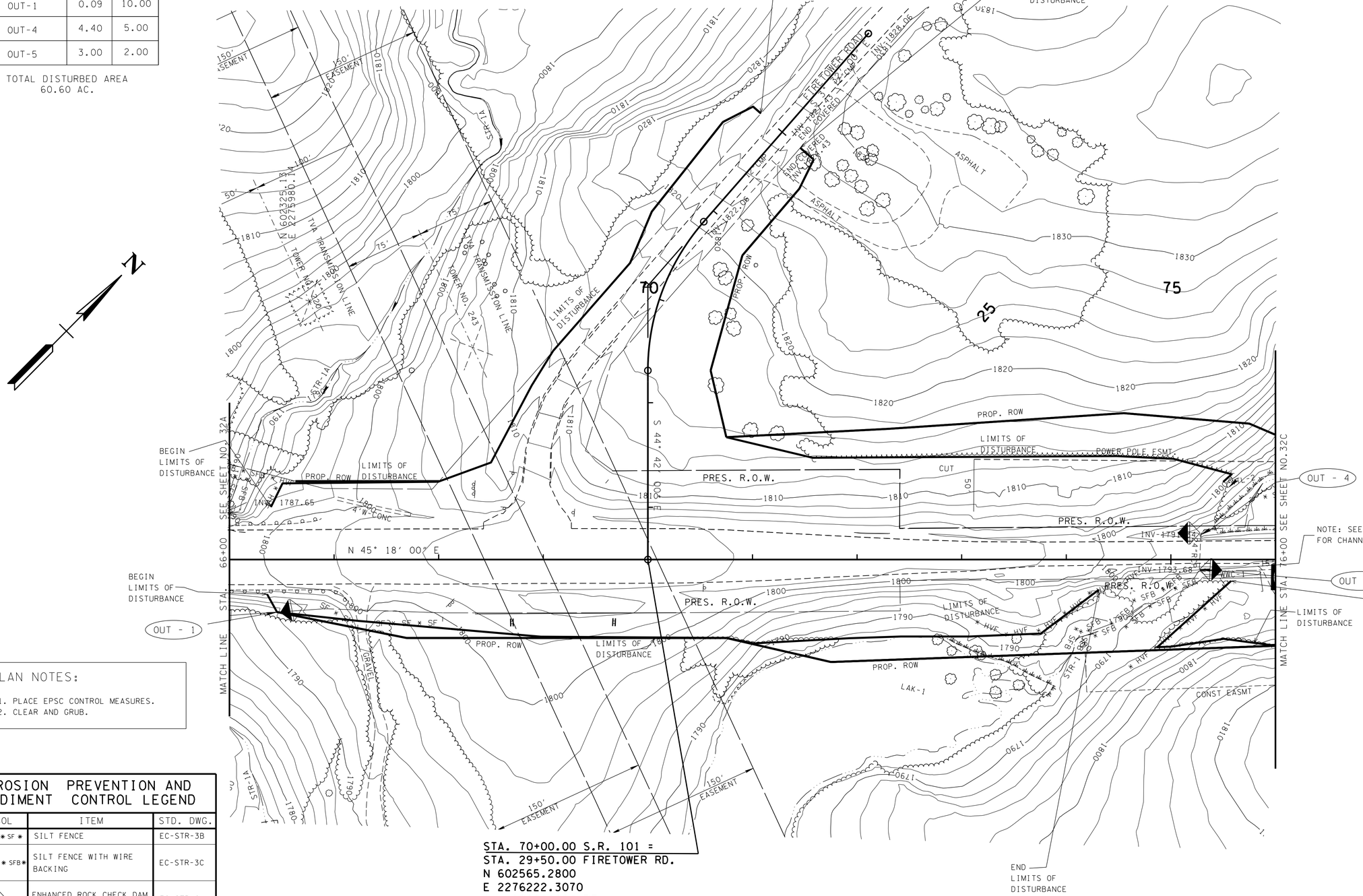
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32B
CONST	2016	STP-101(16)	32B

REV. 11-26-12 - UPDATED EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC CONTROL MEASURES.
2. CLEAR AND GRUB.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 66+00 TO STA. 76+00
SCALE: 1"= 50'

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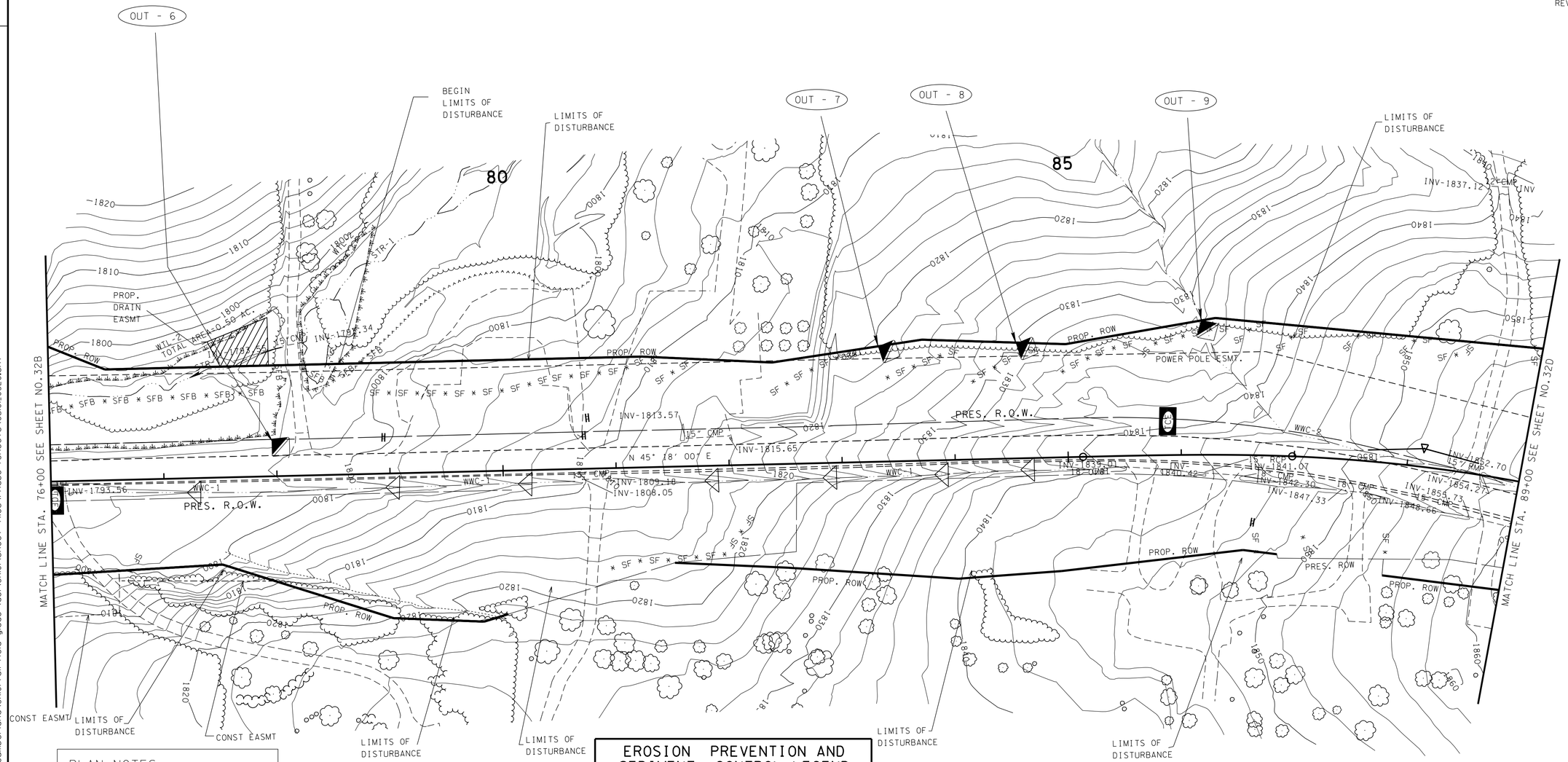
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32C
CONST	2016	STP-101(16)	32C

REV. 11-26-12- UPDATED EPSC PLAN
REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.
REV. 5-22-13 - ADDED SHEET.
REV 05-25-16-ADDED SHEET.
REV 06-8-16-REVISED PROP ROW PER ROW REQ.



PLAN NOTES:

1. PLACE EPSC CONTROL MEASURES.
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-6	0.03	4.00
OUT-7	0.23	10.00
OUT-8	0.06	10.00
OUT-9	0.90	10.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* 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
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 76+00 TO STA. 89+00
SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	32D
CONST	2016	STP-101(16)	32D

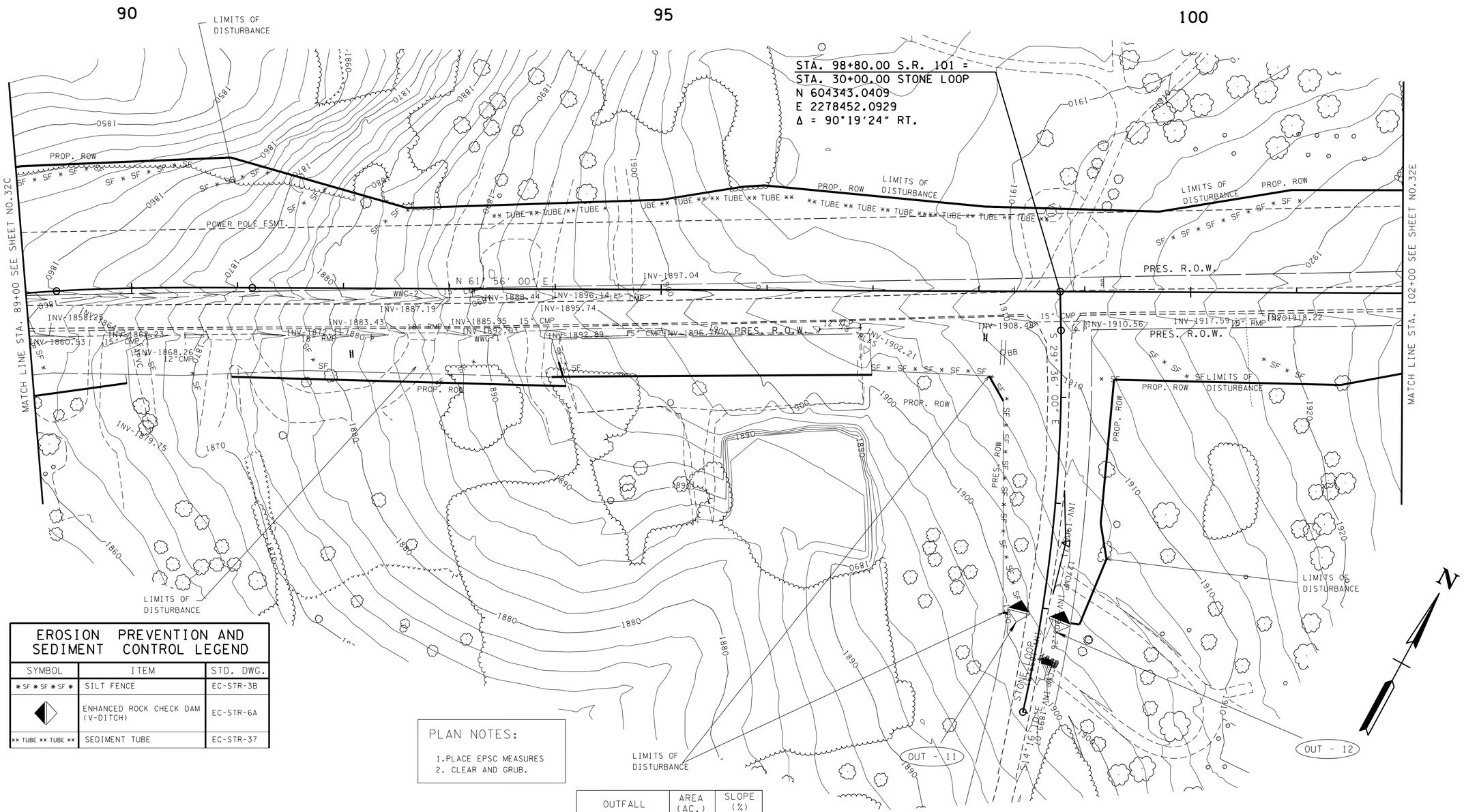
REV. 11-26-12 - UPDATED EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.

REV 06-8-16-REVISED PROP ROW PER ROW REQ.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-11	0.03	5.00
OUT-12	0.08	2.85

STAGE ONE
EXISTING CONTOURS SHOWN

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 89+00 TO STA. 102+00

SCALE: 1"= 50'

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

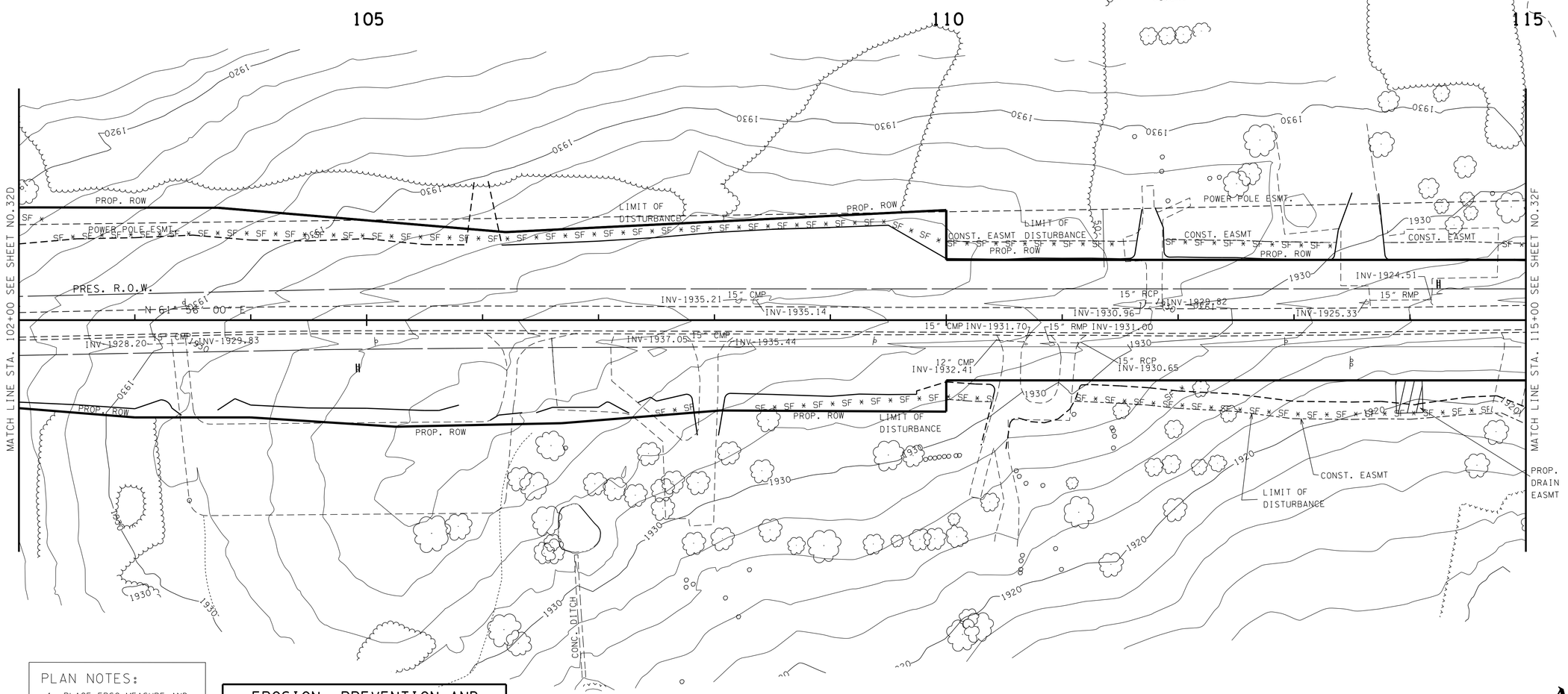
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32E
CONST	2016	STP-101(16)	32E

REV. 11-26-12 - UPDATED EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURE AND THEN CLEAR AND GRUB.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B

N

STAGE ONE
EXISTING CONTOURS SHOWN

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 102+00 TO STA. 115+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32F
CONST	2016	STP-101(16)	32F

REV. 7-27-12 - ADDED SPECIAL DITCH AT STA. 123+30.

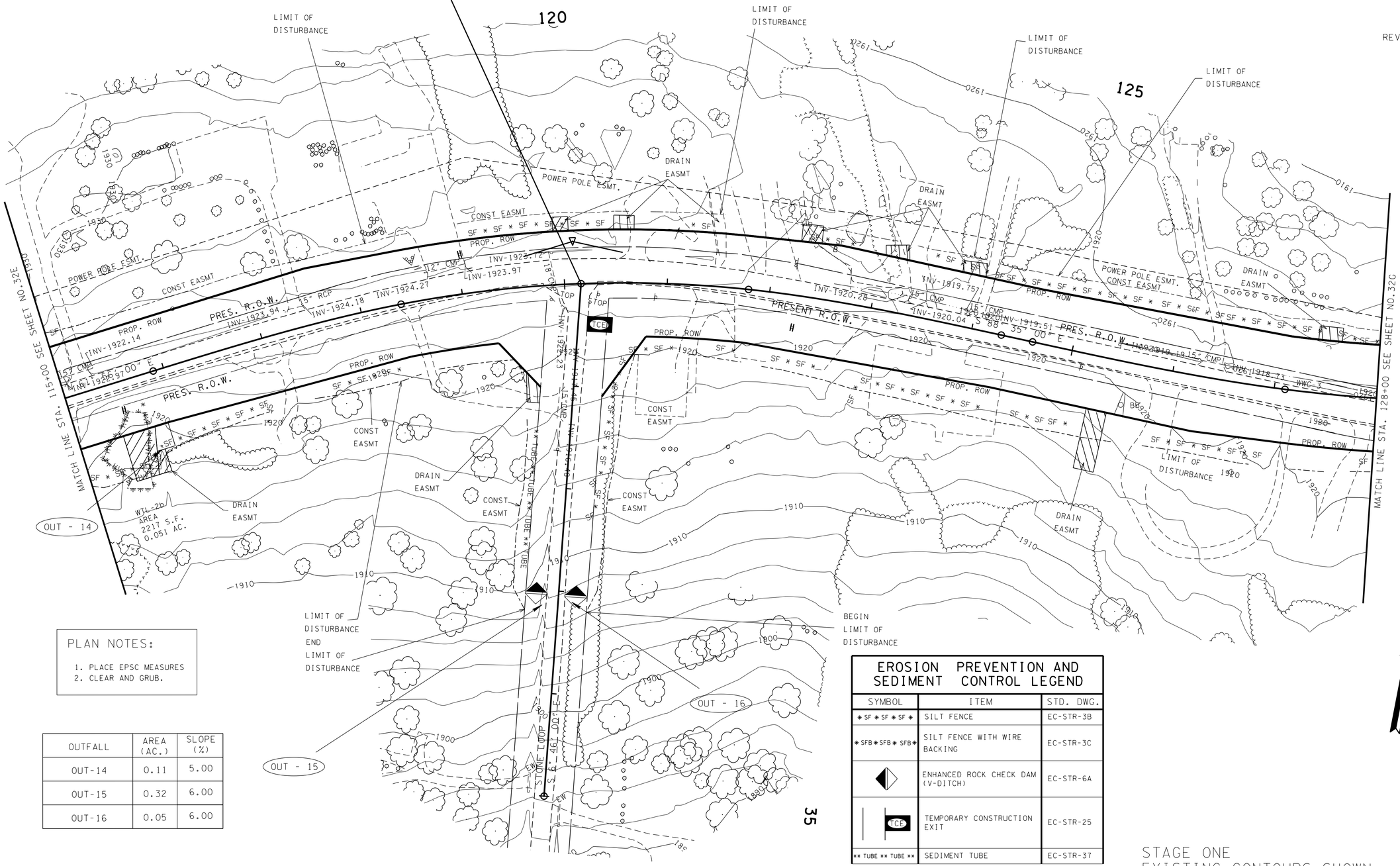
REV. 11-26-12 - UPDATED EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.

STA. 120+16.06 S.R. 101 =
STA. 30+00.00 STONE LOOP
N 605311.1552
E 22280356.3435
Δ = 96°13'47" RT.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-14	0.11	5.00
OUT-15	0.32	6.00
OUT-16	0.05	6.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 115+00 TO STA. 128+00

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32G
CONST	2016	STP-101(16)	32G

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

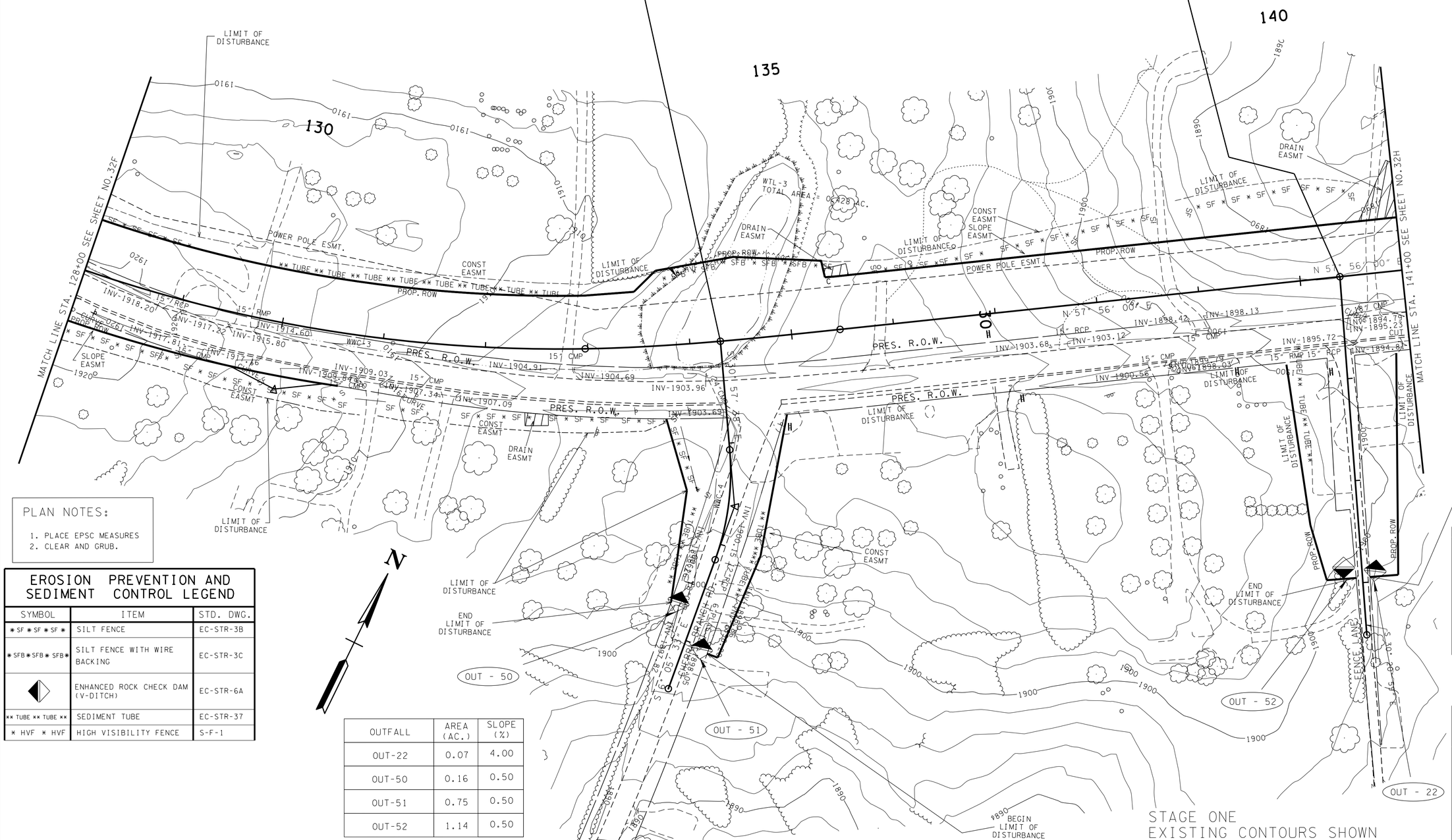
REV. 5-22-13 - ADDED SHEET.

REV. 3-9-15 - ADDED HVF TO LEGEND PER ENV REQ.

REV 05-25-16-ADDED SHEET.

STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00'00" RT.

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43'01" RT.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-22	0.07	4.00
OUT-50	0.16	0.50
OUT-51	0.75	0.50
OUT-52	1.14	0.50

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 128+00 TO STA. 141+00

SCALE: 1"= 50'

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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

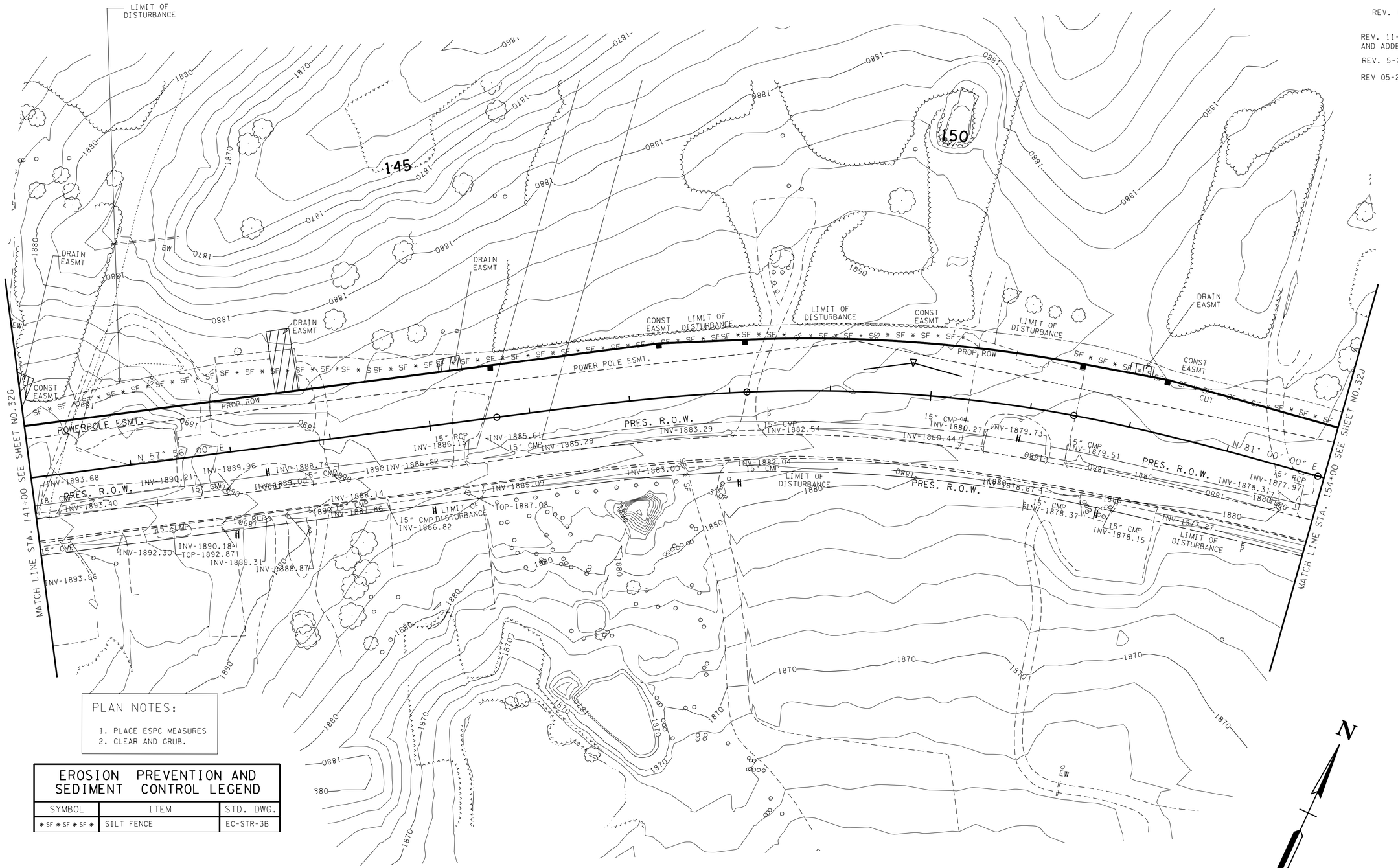
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32H
CONST	2016	STP-101(16)	32H

REV. 11-26-12 - UPDATED EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE ESPC MEASURES
2. CLEAR AND GRUB.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 141+00 TO STA. 154+00

SCALE: 1"= 50'

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

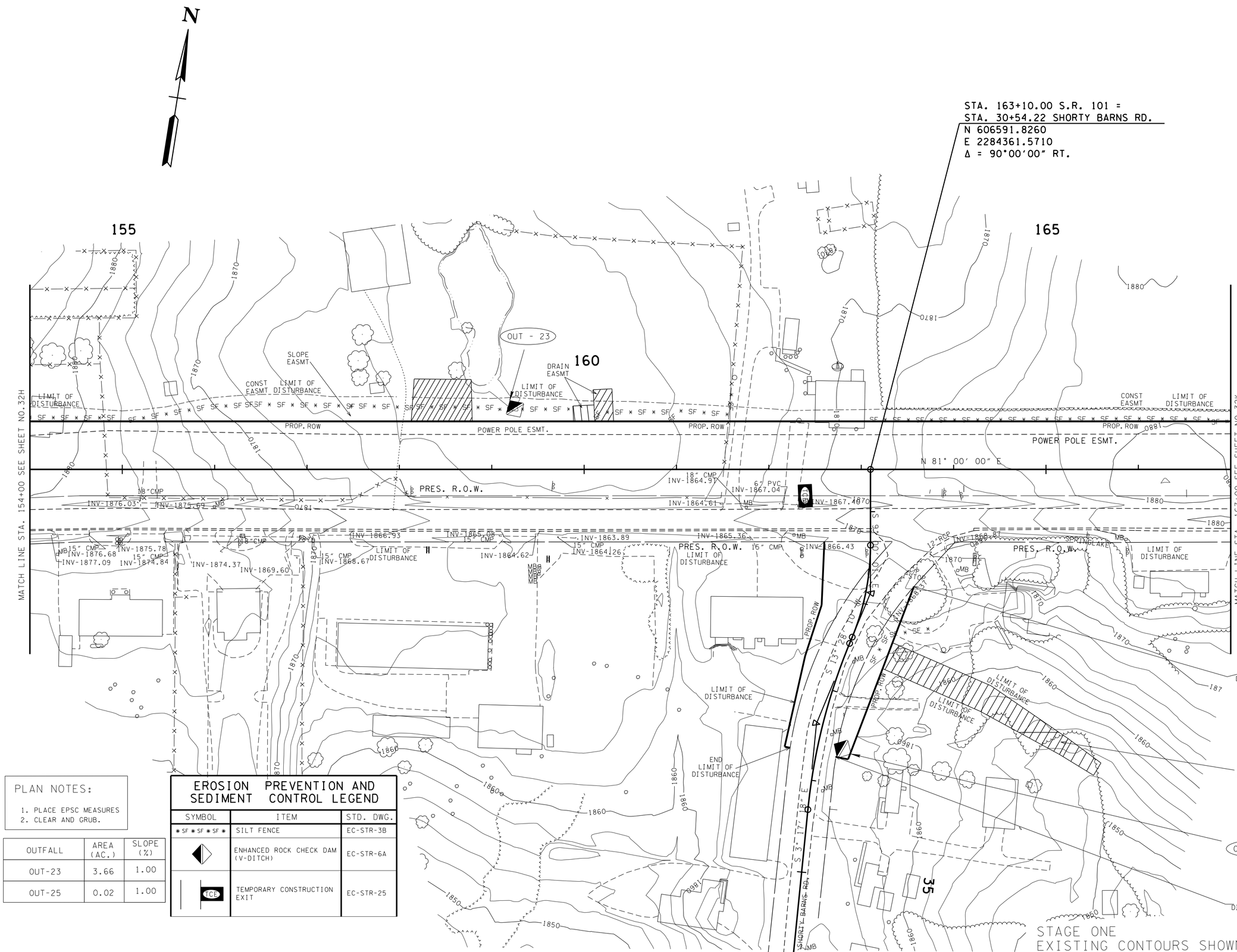
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32J
CONST	2016	STP-101(16)	32J

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-23	3.66	1.00
OUT-25	0.02	1.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 154+00 TO STA. 167+00

SCALE: 1"= 50'

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

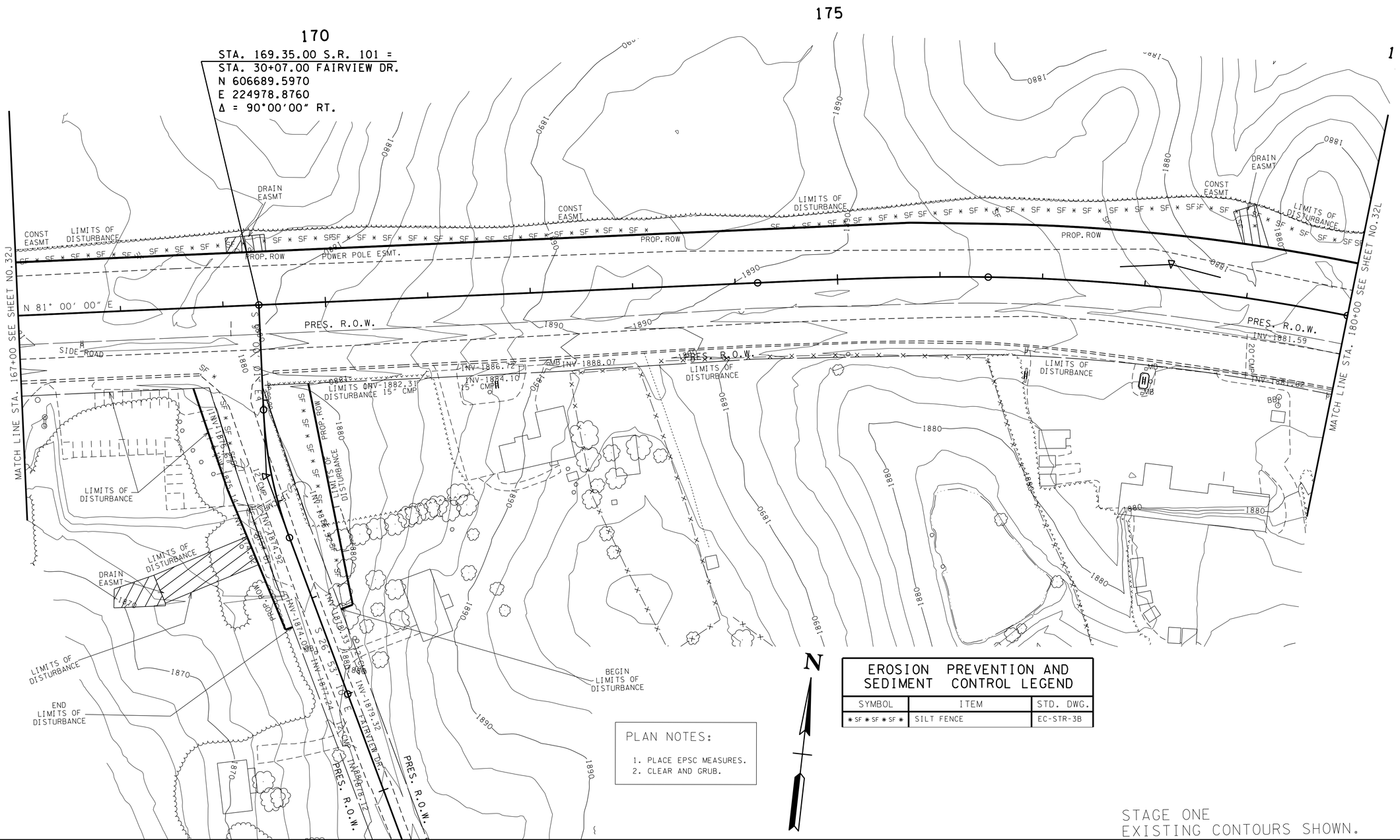
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32K
CONST	2016	STP-101(16)	32K

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B

PLAN NOTES:

1. PLACE EPSC MEASURES.
2. CLEAR AND GRUB.

STAGE ONE
EXISTING CONTOURS SHOWN.

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 167+00 TO STA. 180+00

SCALE: 1"= 50'

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

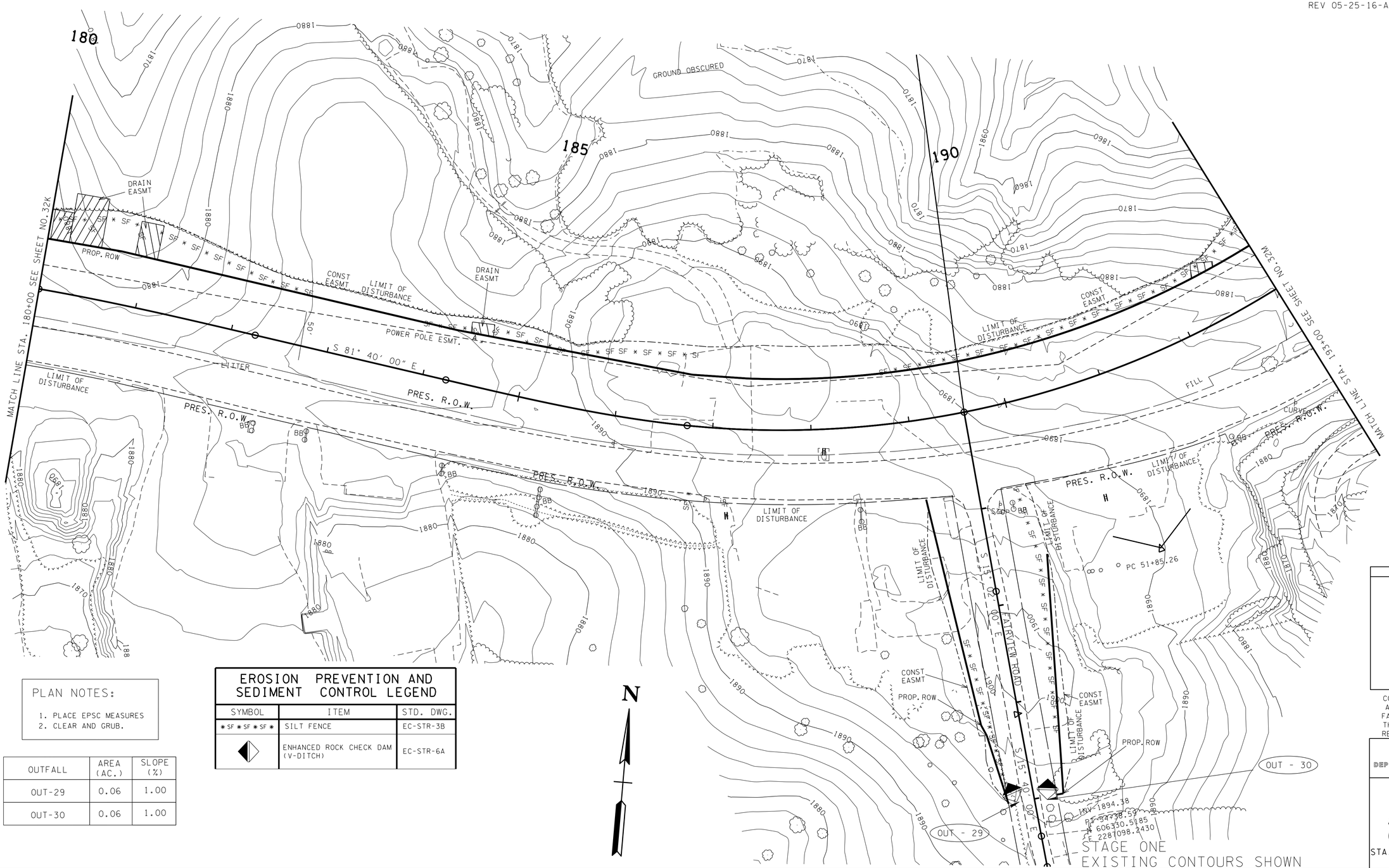
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32L
CONST	2016	STP-101(16)	32L

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-29	0.06	1.00
OUT-30	0.06	1.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 180+00 TO STA. 193+00

SCALE: 1"= 50'

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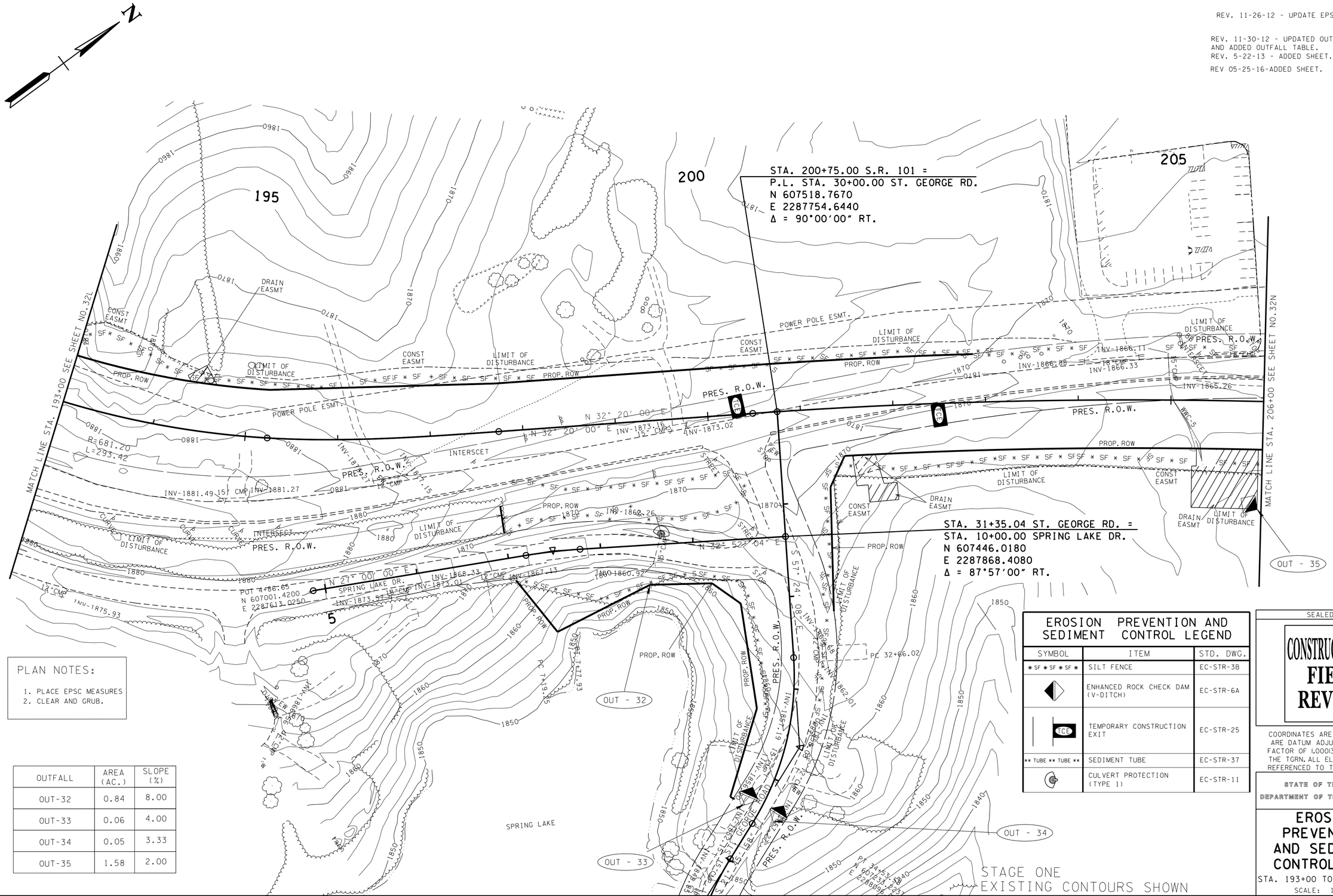
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32M
CONST	2016	STP-101(16)	32M

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.
REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-32	0.84	8.00
OUT-33	0.06	4.00
OUT-34	0.05	3.33
OUT-35	1.58	2.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
	CULVERT PROTECTION (TYPE 1)	EC-STR-11

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 193+00 TO STA. 206+00

SCALE: 1"= 50'

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

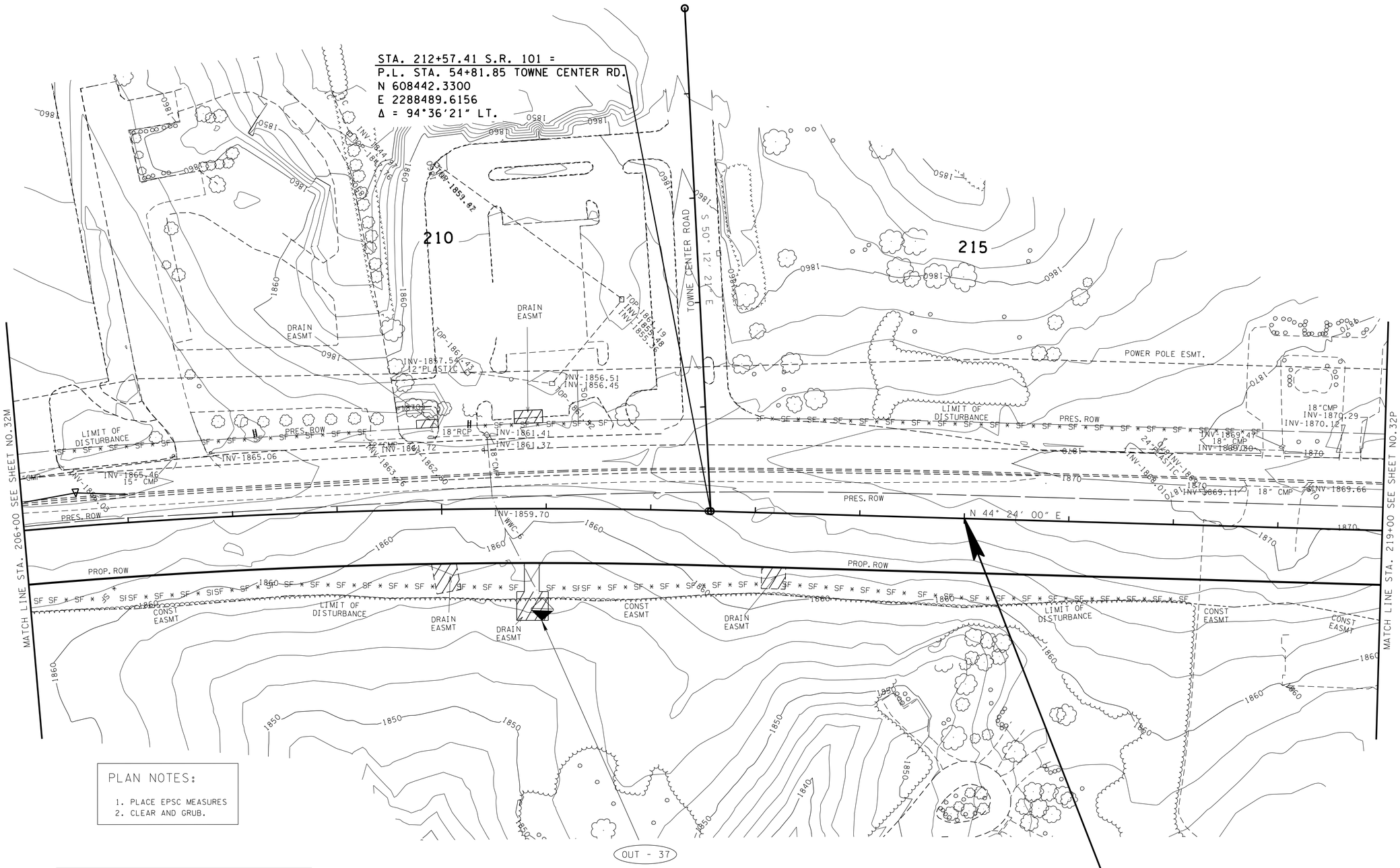
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2010	STP-101(16)	32N
CONST	2016	STP-101(16)	32N

REV. 11-26-12 - UPDATE EPSC PLANS

REV. 11-30-12 - UPDATED OUTFALLS AND ADDED OUTFALL TABLE.

REV. 5-22-13 - ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES
2. CLEAR AND GRUB.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
*SFB*SFB*SFB*	SILT FENCE WITH WIRE BACKING	EC-STR-3C
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-37	0.40	4.00

STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(16)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

STAGE ONE
EXISTING CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 206+00 TO STA. 219+00
SCALE: 1"= 50'

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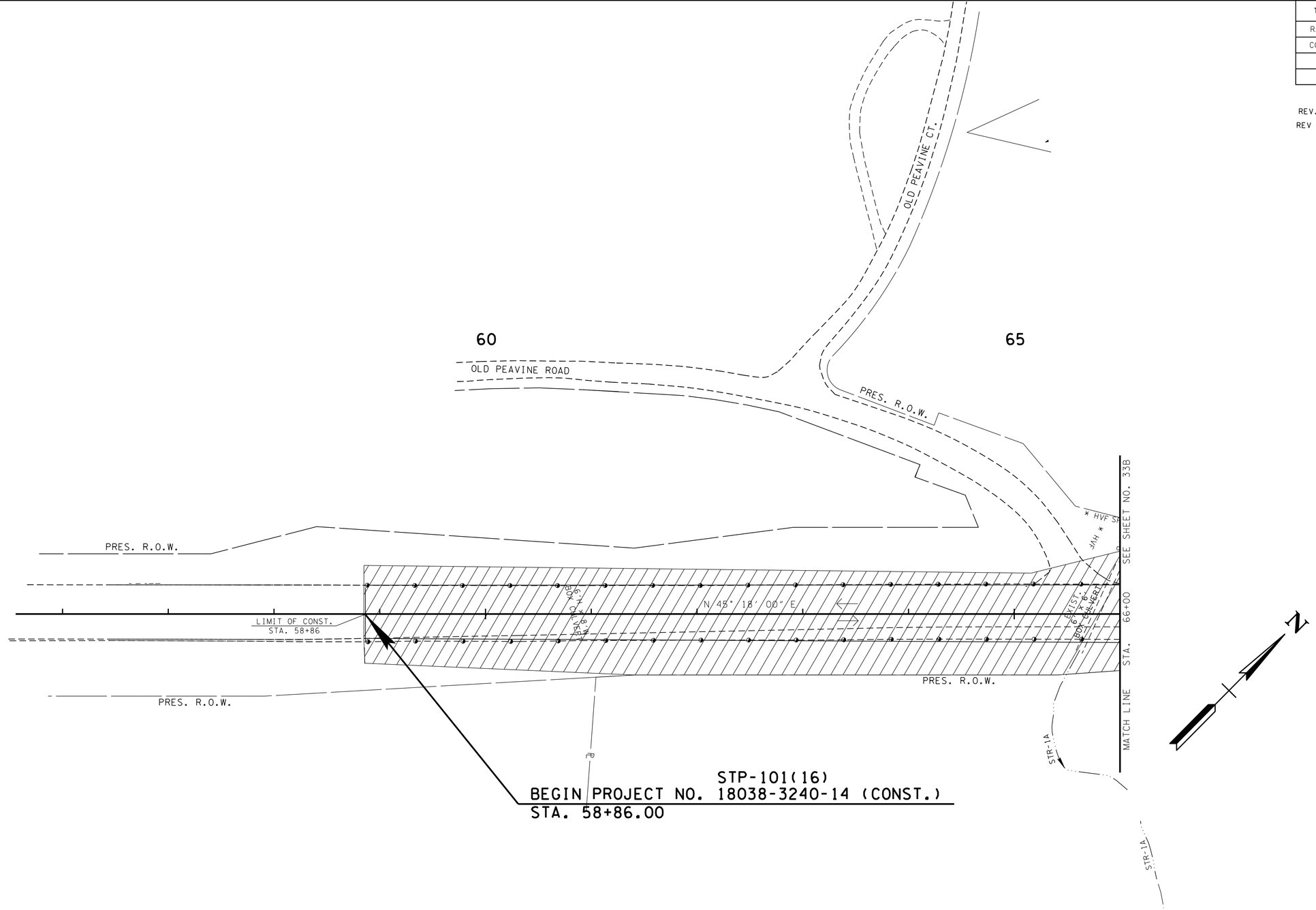
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33A
CONST	2016	STP-101(16)	33A

REV. 5-22-13-ADDED SHEET
REV 05-25-16-ADDED SHEET.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)
▨	WORK ZONE

PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

EPSC-STAGE TWO

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.56+00 TO STA.66+00

SCALE: 1"=50'

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

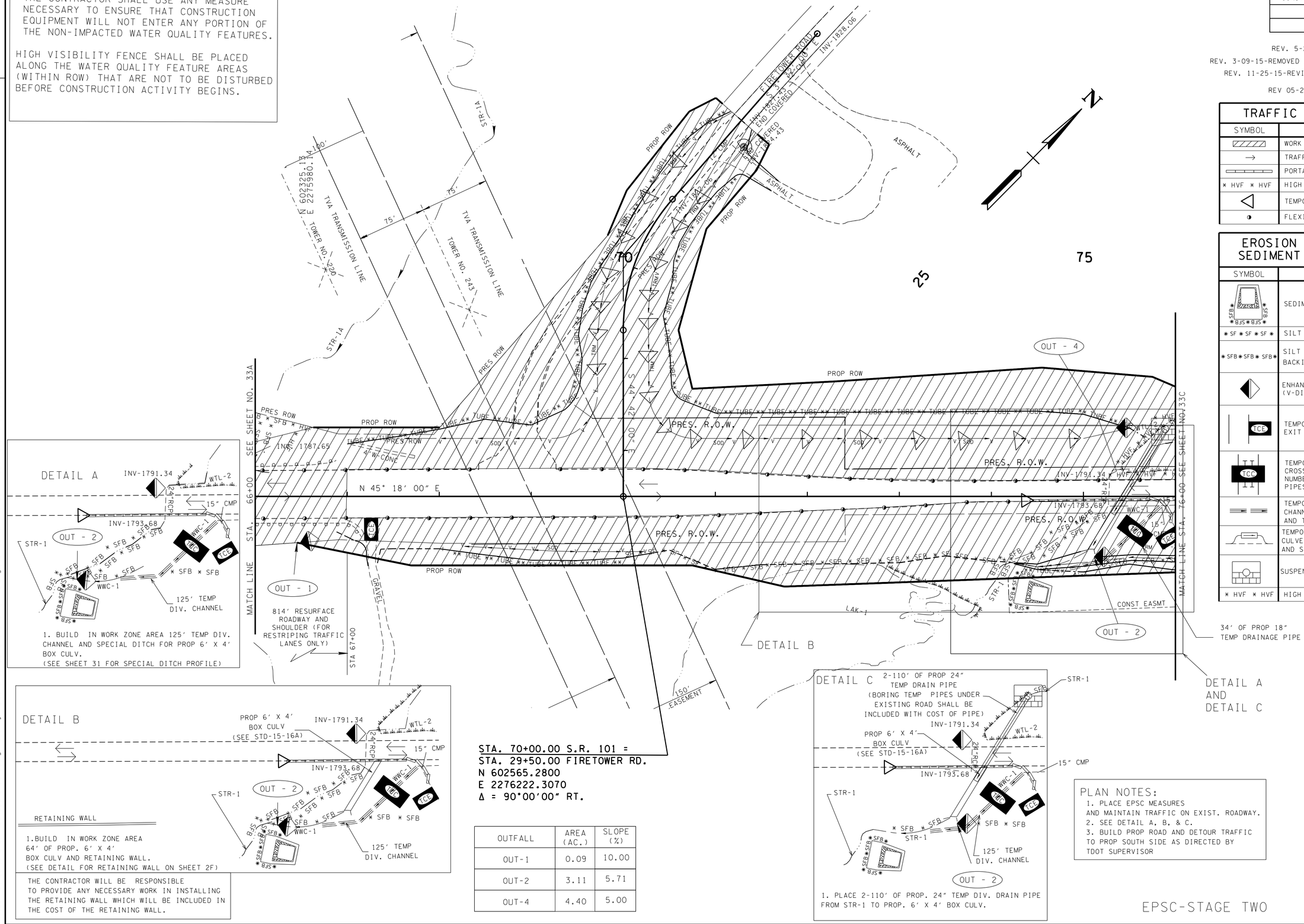
SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33B
CONST	2016	STP-101(16)	33B

REV. 5-22-13-ADDED SHEET.
REV. 3-09-15-REMOVED ERCD FROM DETAIL C PER ENV REQ.
REV. 11-25-15-REVISED DETAIL C PER CONST REQ.
REV 05-25-16-ADDED SHEET.



STA. 70+00.00 S.R. 101 =
STA. 29+50.00 FIRETOWER RD.
N 602565.2800
E 2276222.3070
Δ = 90°00'00" RT.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-1	0.09	10.00
OUT-2	3.11	5.71
OUT-4	4.40	5.00

DETAIL A

1. BUILD IN WORK ZONE AREA 125' TEMP DIV. CHANNEL AND SPECIAL DITCH FOR PROP 6' X 4' BOX CULV.
(SEE SHEET 31 FOR SPECIAL DITCH PROFILE)

DETAIL B

PROP 6' X 4' BOX CULV (SEE STD-15-16A)

RETAINING WALL

1.BUILD IN WORK ZONE AREA 64' OF PROP. 6' X 4' BOX CULV AND RETAINING WALL.
(SEE DETAIL FOR RETAINING WALL ON SHEET 2F)

THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE ANY NECESSARY WORK IN INSTALLING THE RETAINING WALL WHICH WILL BE INCLUDED IN THE COST OF THE RETAINING WALL.

DETAIL C

2-110' OF PROP 24" TEMP DRAIN PIPE (BORING TEMP PIPES UNDER EXISTING ROAD SHALL BE INCLUDED WITH COST OF PIPE)

PROP 6' X 4' BOX CULV (SEE STD-15-16A)

1. PLACE 2-110' OF PROP. 24" TEMP DIV. DRAIN PIPE FROM STR-1 TO PROP. 6' X 4' BOX CULV.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SFB * SFB * SFB * SFB	SEDIMENT FILTER BAG	EC-STR-2
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. SEE DETAIL A, B, & C.
3. BUILD PROP ROAD AND DETOUR TRAFFIC TO PROP SOUTH SIDE AS DIRECTED BY TDOT SUPERVISOR

EPSC-STAGE TWO

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.66+00 TO STA.76+00

SCALE: 1"=50'

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

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
TCB	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	SAND BAG BERM	EC-STR-33
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

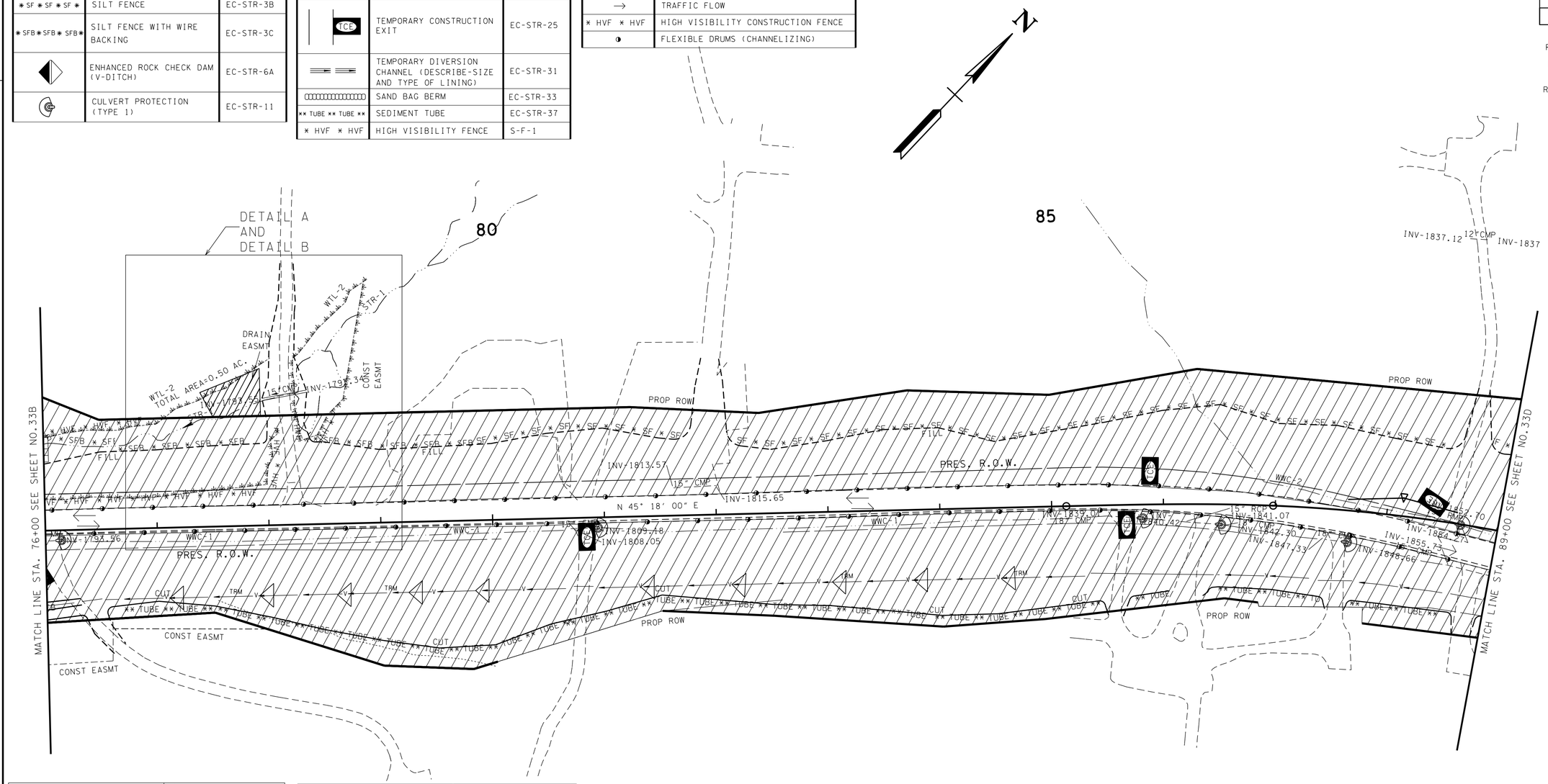
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE
	FLEXIBLE DRUMS (CHANNELIZING)

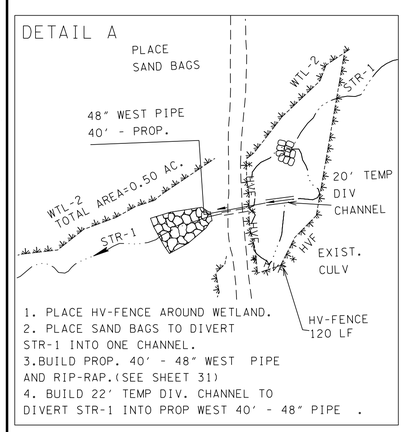
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33C
CONST	2016	STP-101(16)	33C

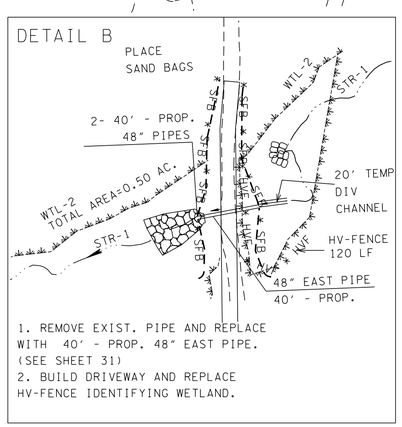
REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.

REV 06-8-16-REVISED PROP ROW PER ROW REQ.







PLAN NOTES:

1. PLACE EPSC MEASURES AND DETOUR TRAFFIC ON PROP 2 LN TEMP. ROAD TO EXIST. ROADWAY.
2. SEE DETAIL A & B
3. BUILD PROP ROAD AND DETOUR TRAFFIC TO PROP SOUTH SIDE AS DIRECTED BY TDOT SUPERVISOR

EPSC-STAGE TWO

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.76+00 TO STA.89+00

SCALE: 1"=50'

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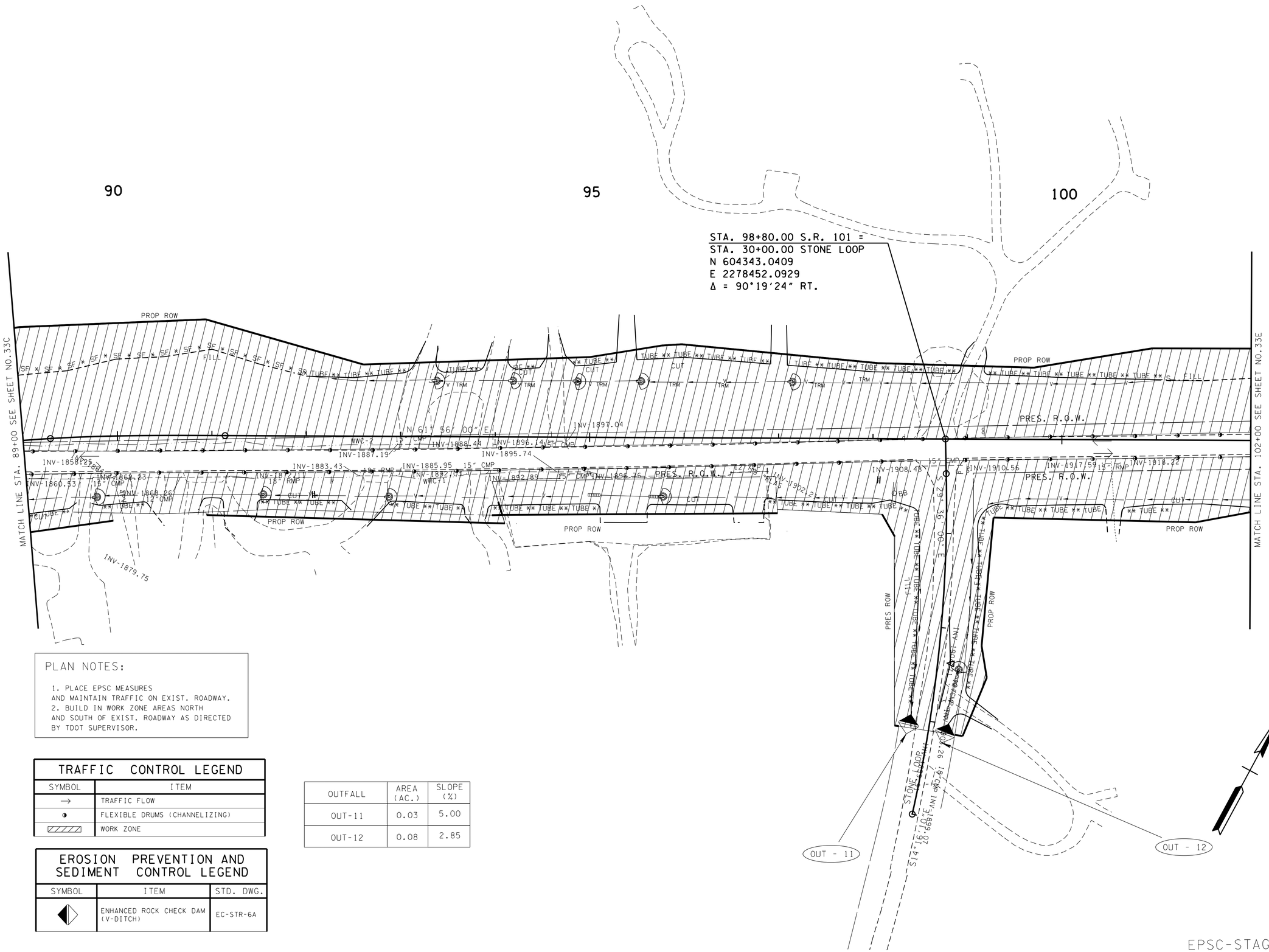
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33D
CONST	2016	STP-101(16)	33D

REV. 5-22-13-ADDED SHEET.

REV 05-25-16-ADDED SHEET.

REV 06-8-16-REVISED PROP ROW PER ROW REQ.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)
▨	WORK ZONE

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-11	0.03	5.00
OUT-12	0.08	2.85

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CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.89+00 TO STA.102+00

SCALE: 1"=50'

EPSC-STAGE TWO

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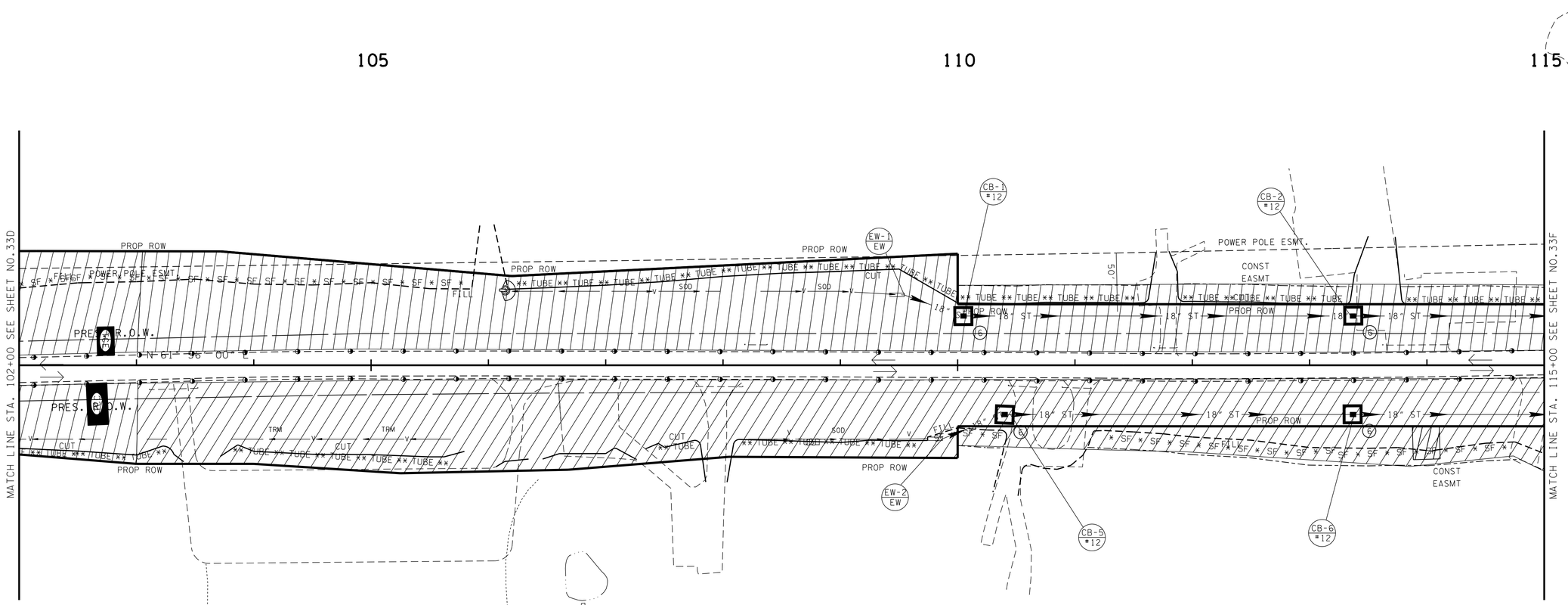
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33E
CONST	2016	STP-101(16)	33E

REV. 5-22-13-ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES.
2. MAINTAIN TRAFFIC ON EXIST. ROADWAY.
3. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46

N

EPSC-STAGE TWO

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B31(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.102+00 TO STA.115+00

SCALE: 1"=50'

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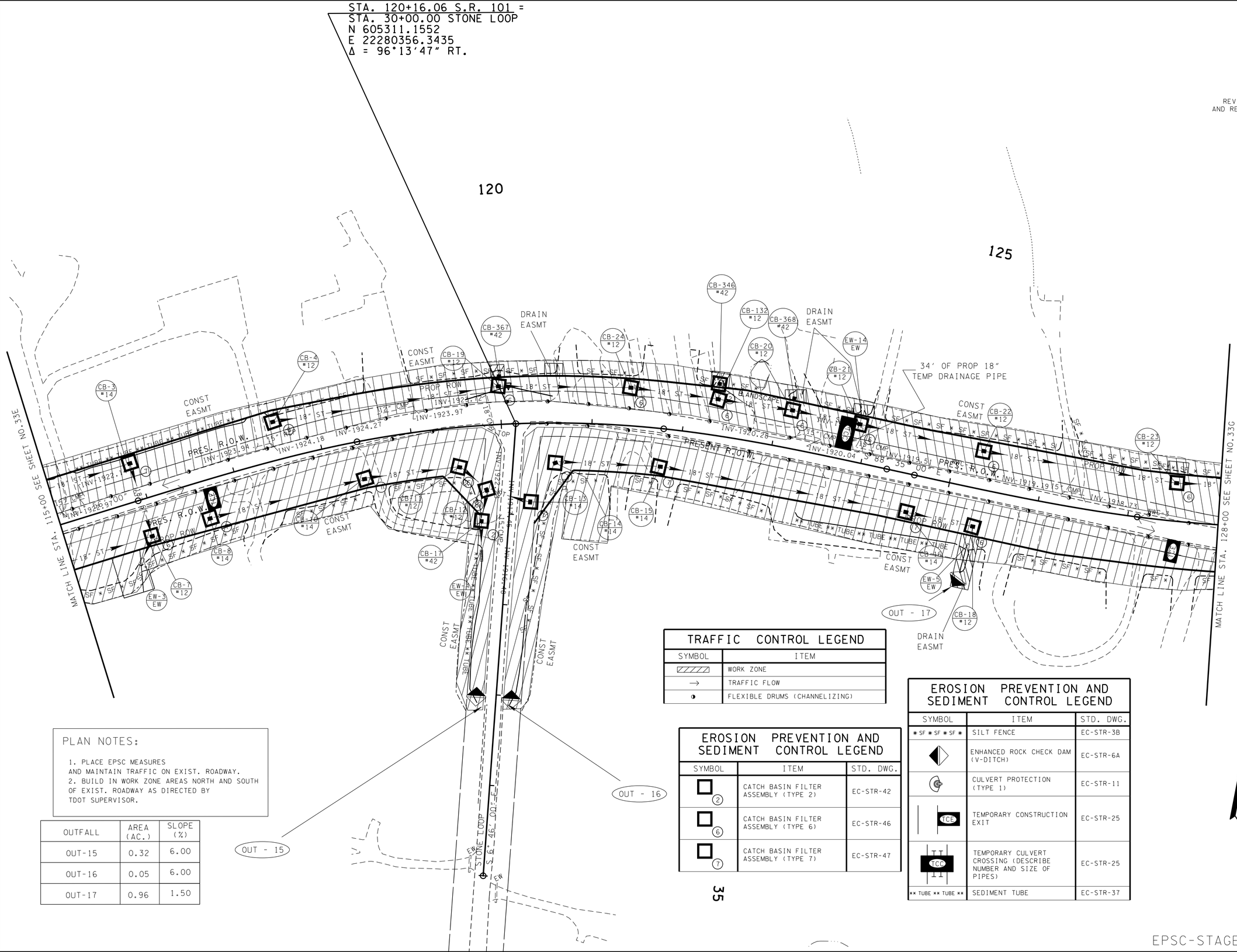
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33F
CONST	2016	STP-101(16)	33F

REV. 5-22-13-ADDED SHEET.
REV. 5-13-15-REVISED OUT-53 TO OUT-17
AND REMOVED OUT-14 FROM TABLE PER ENV REQ.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-15	0.32	6.00
OUT-16	0.05	6.00
OUT-17	0.96	1.50

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
2	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.115+00 TO STA.128+00

SCALE: 1"=50'

EPSC-STAGE TWO

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33G
CONST	2016	STP-101(16)	33G

REV. 5-22-13- ADDED SHEET.

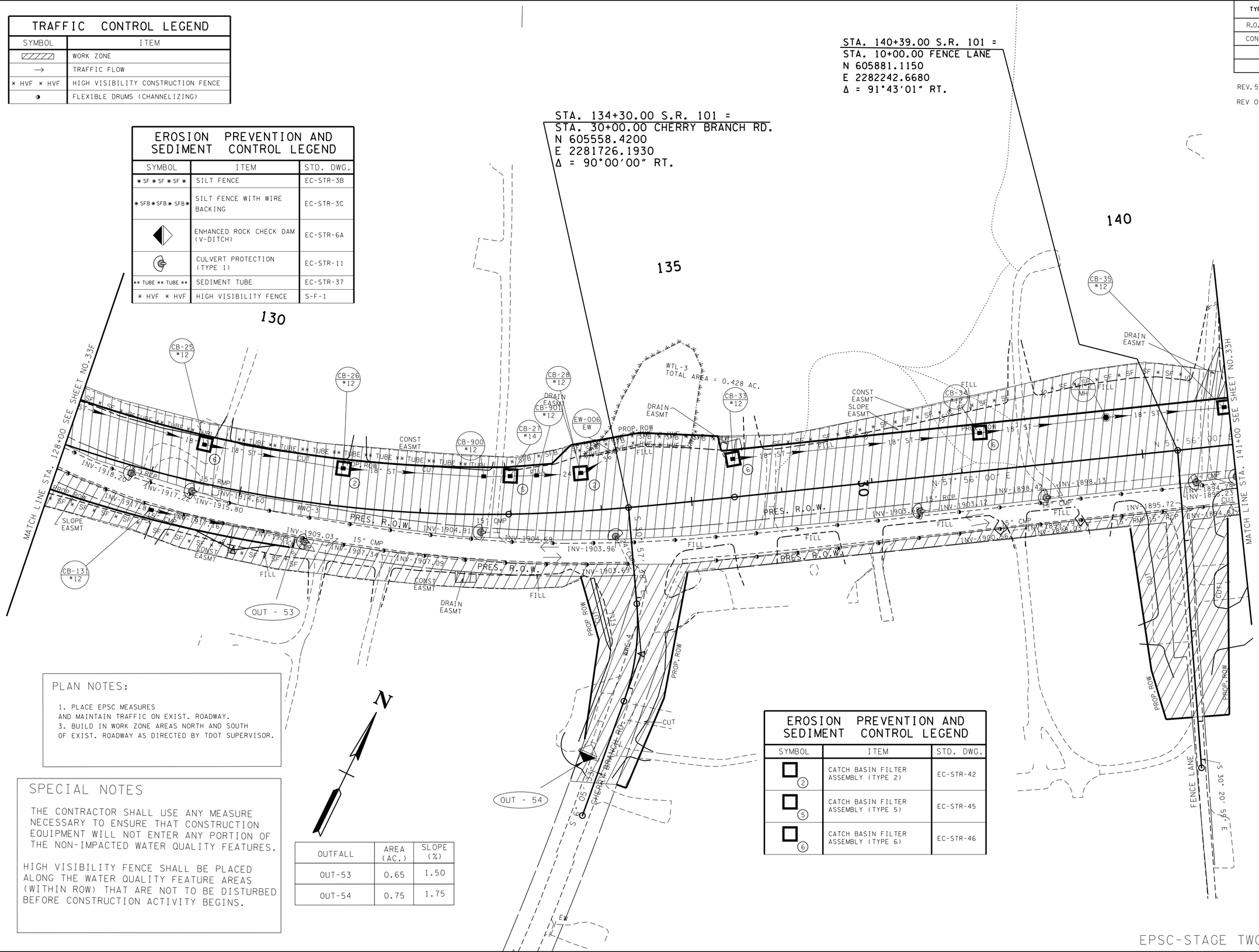
REV 05-25-16-ADDED SHEET.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▨	WORK ZONE
→	TRAFFIC FLOW
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE
◑	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
◎	CULVERT PROTECTION (TYPE 1)	EC-STR-11
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00'00" RT.

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43'01" RT.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
3. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-53	0.65	1.50
OUT-54	0.75	1.75

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
☐ (2)	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
☐ (5)	CATCH BASIN FILTER ASSEMBLY (TYPE 5)	EC-STR-45
☐ (6)	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.128+00 TO STA.141+00

SCALE: 1"=50'

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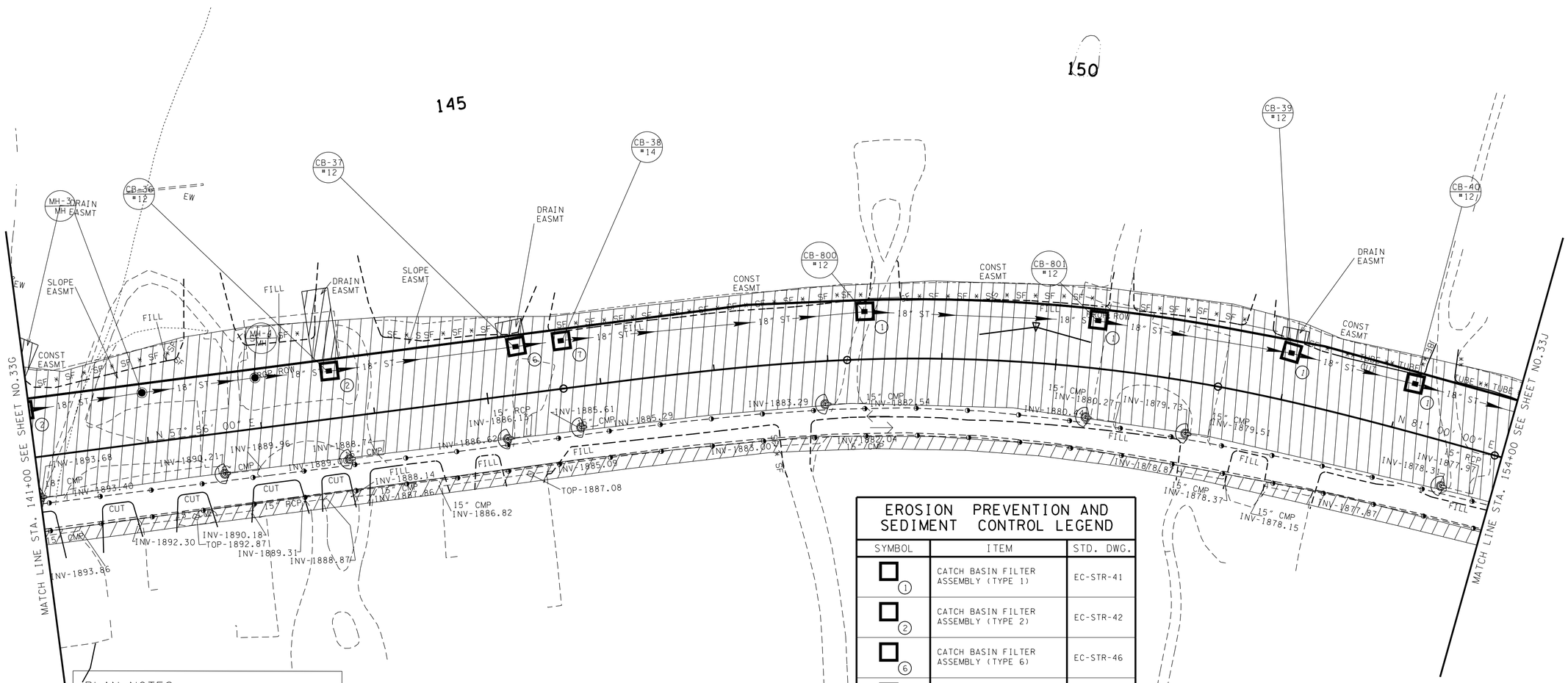
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33H
CONST	2016	STP-101(16)	33H

REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA ON NORTH SIDE OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
▨	WORK ZONE
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
☐ 1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
☐ 2	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
☐ 6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
☐ 7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

N

EPSC-STAGE TWO

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.141+00 TO STA.154+00

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33J
CONST	2016	STP-101(16)	33J

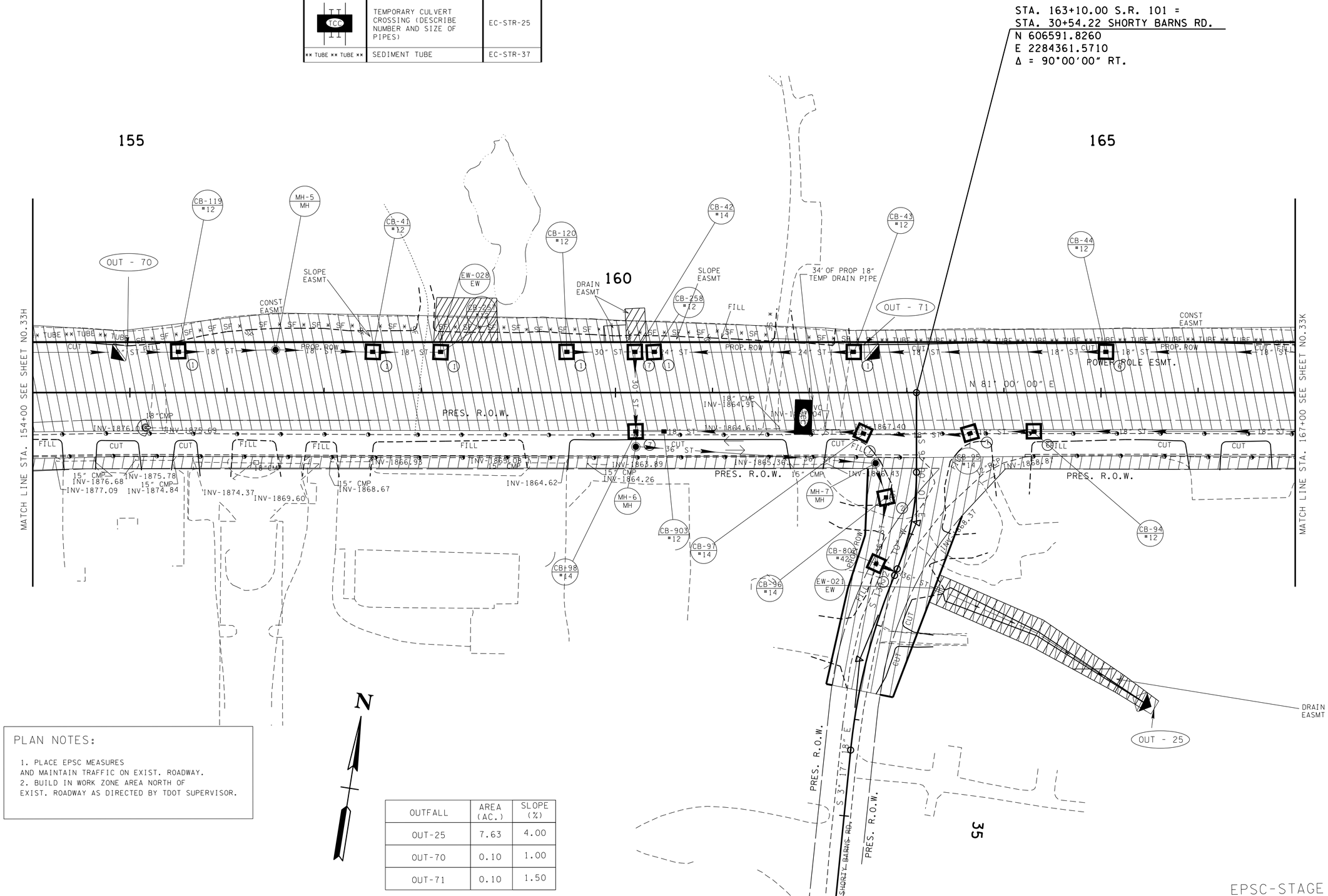
REV. 5-22-13- ADDED SHEET.
REV 05-25-16-ADDED SHEET.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-25	7.63	4.00
OUT-70	0.10	1.00
OUT-71	0.10	1.50

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.154+00 TO STA.167+00

SCALE: 1"=50'

EPSC-STAGE TWO

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33K
CONST	2016	STP-101(16)	33K

REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.

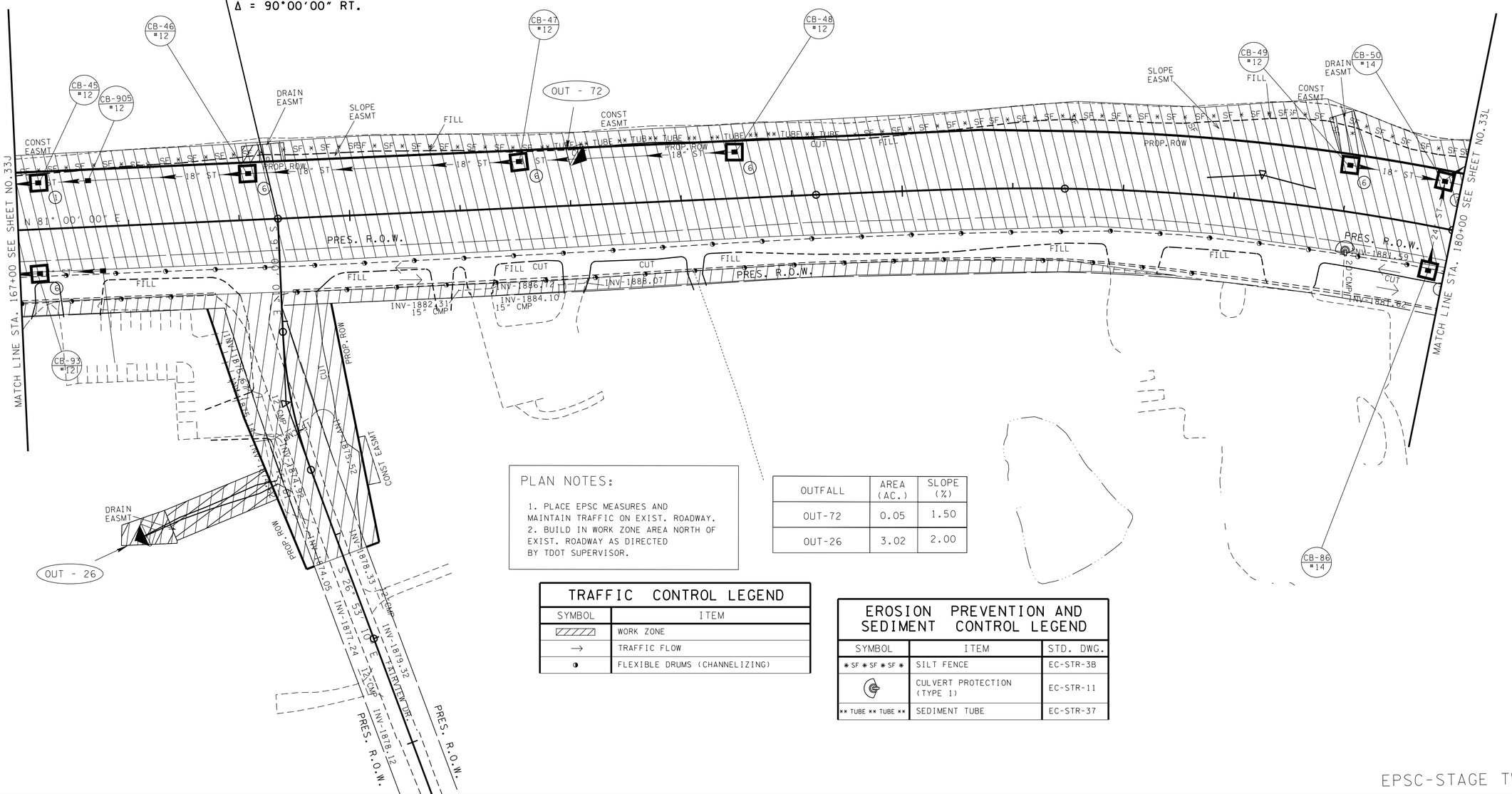
N

175

170

STA. 169.35.00 S.R. 101 =
STA. 30+07.00 FAIRVIEW DR.
N 606689.5970
E 224978.8760
Δ = 90°00'00" RT.

1



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-72	0.05	1.50
OUT-26	3.02	2.00

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

EPSC-STAGE TWO

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.167+00 TO STA.180+00

SCALE: 1"=50'

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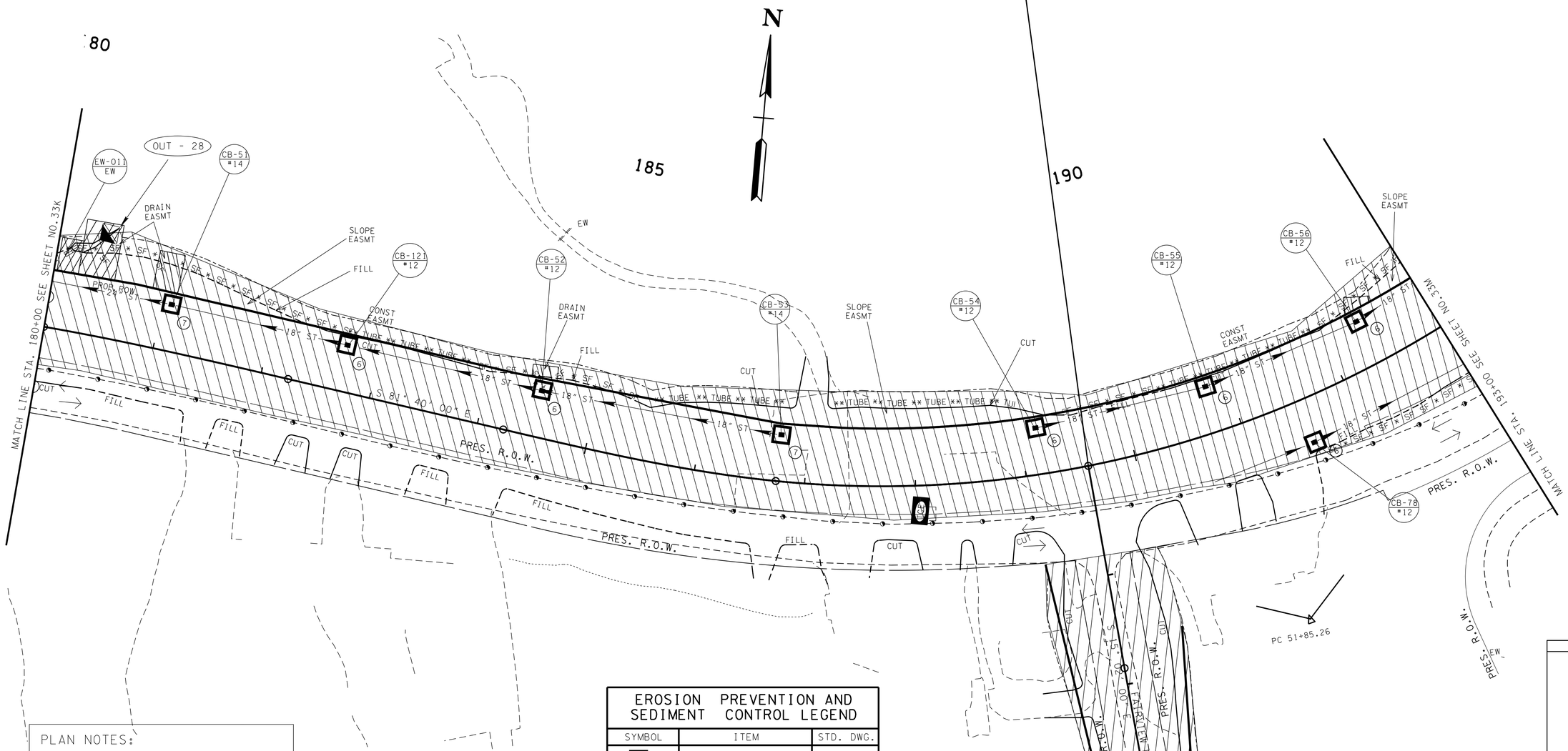
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33L
CONST	2016	STP-101(16)	33L

REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.

STA. 189+56.86 S.R. 101 =
P.L. STA. 50+00.00 FAIRVIEW ROAD
N 606753.7277
E 2286983.1309
Δ = 91°06'36" RT.



PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST ROADWAY.
3. BUILD IN WORK ZONE AREAS NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-28	0.95	1.50

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.180+00 TO STA.193+00

SCALE: 1"=50'

55

EPSC-STAGE 2

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33M
CONST	2016	STP-101(16)	33M

REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.

TRAFFIC CONTROL LEGEND

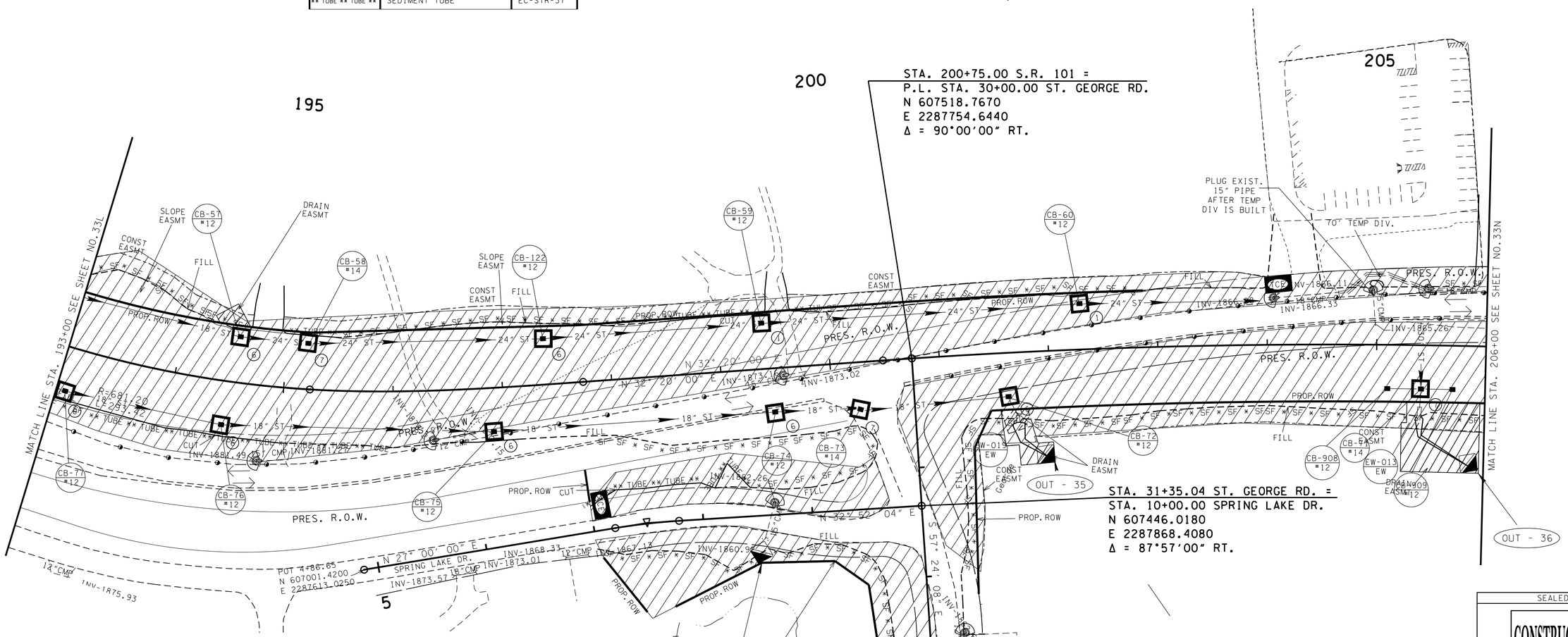
SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-32	0.84	8.00
OUT-33	0.06	4.00
OUT-34	0.05	3.33
OUT-35	1.35	2.00
OUT-36	1.58	2.00

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.193+00 TO STA.206+00

SCALE: 1"=50'

EPSC-STAGE TWO

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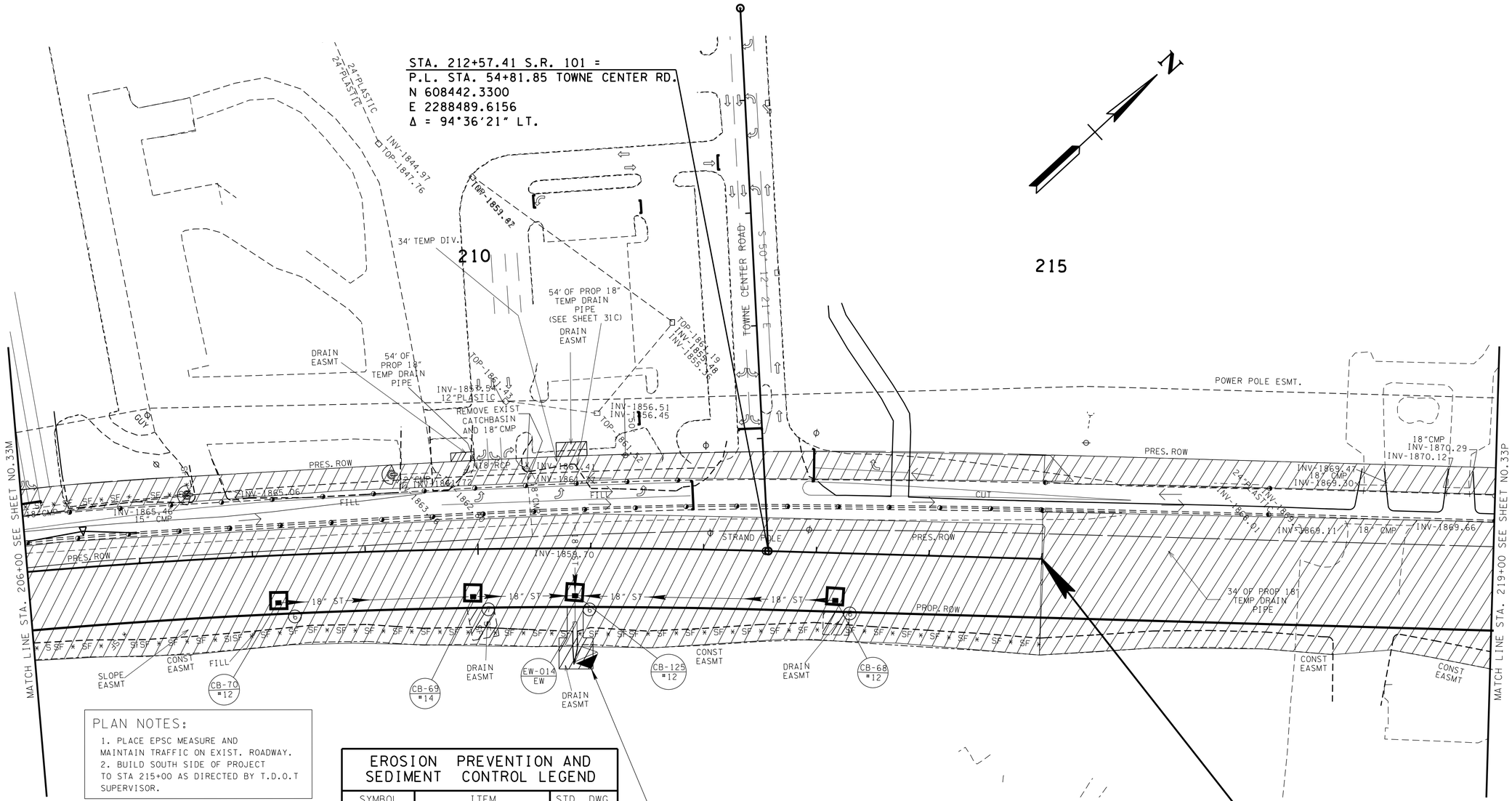
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	33N
CONST	2016	STP-101(16)	33N

REV. 5-22-13- ADDED SHEET.

REV 05-25-16-ADDED SHEET.



PLAN NOTES:

1. PLACE EPSC MEASURE AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD SOUTH SIDE OF PROJECT TO STA 215+00 AS DIRECTED BY T.D.O.T SUPERVISOR.

STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(17)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-37	0.40	4.00
OUT-38	0.54	4.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCC	TEMPORARY CULVERT CROSSING (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-25
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.206+00 TO STA.219+00

SCALE: 1"=50'

EPSC-STAGE TWO

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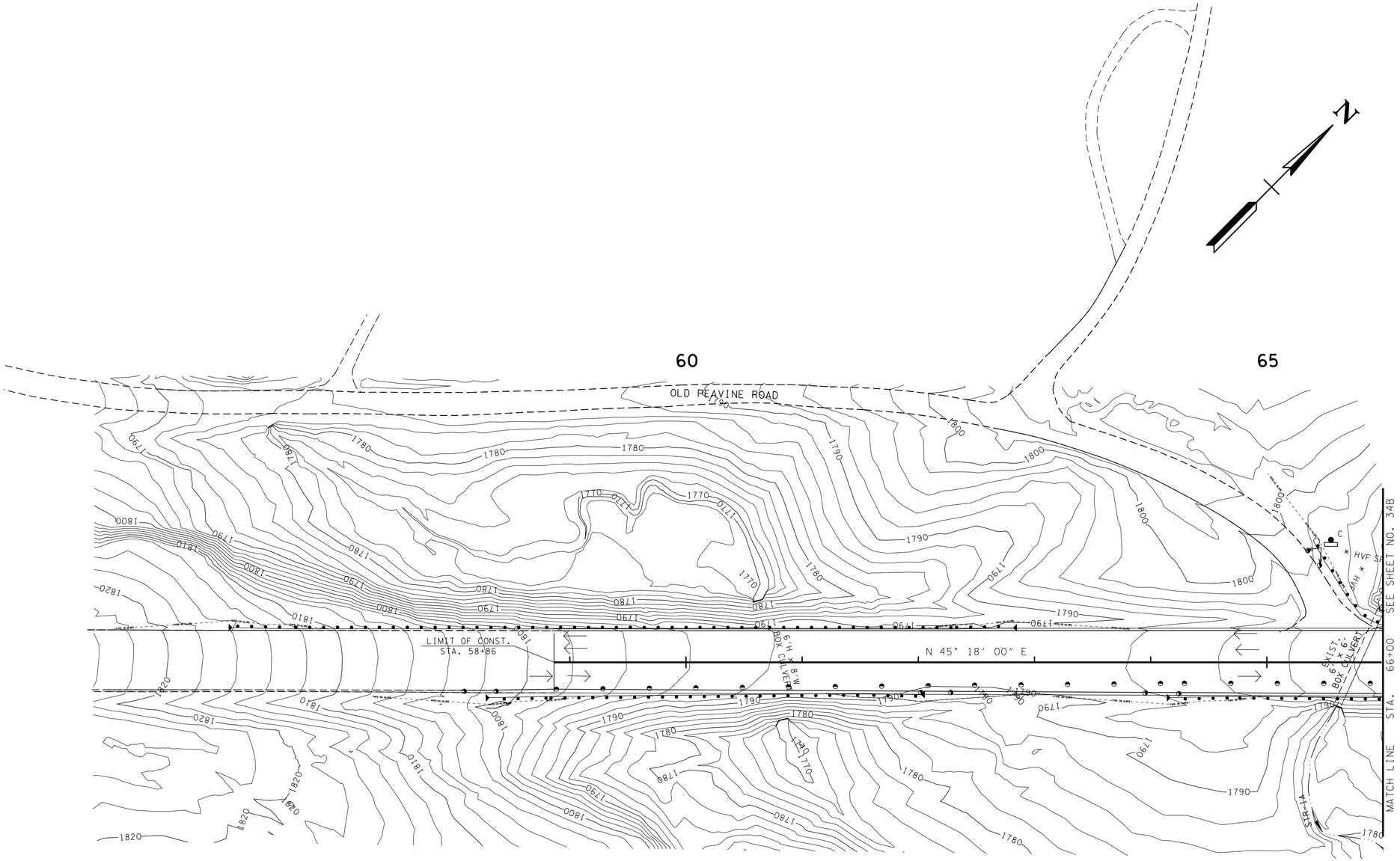
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34A
CONST	2016	STP-101(16)	34A

REV. 5-22-13- ADDED SHEET.

REV. 1-15-16- REMOVE NOTES FOR ADJUST AND REPLACE 38 TERMINAL AND GR AND ADDED PROP GR PER CONST REQ.

REV. 05-25-16- ADDED SHEET.



PHASE NOTES

1. PLACE EPSC MEASURES.
2. FINISH RDY AS DIRECTED BY T.D.O.T SUPERVISOR.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
◑	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.56+00 TO STA.66+00

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34B
CONST	2016	STP-101(16)	34B

REV. 5-22-13- ADDED SHEET.

REV. 1-15-16- ADDED PROP GR PER CONST REQ.

REV. 05-25-16- ADDED SHEET.

SPECIAL NOTES

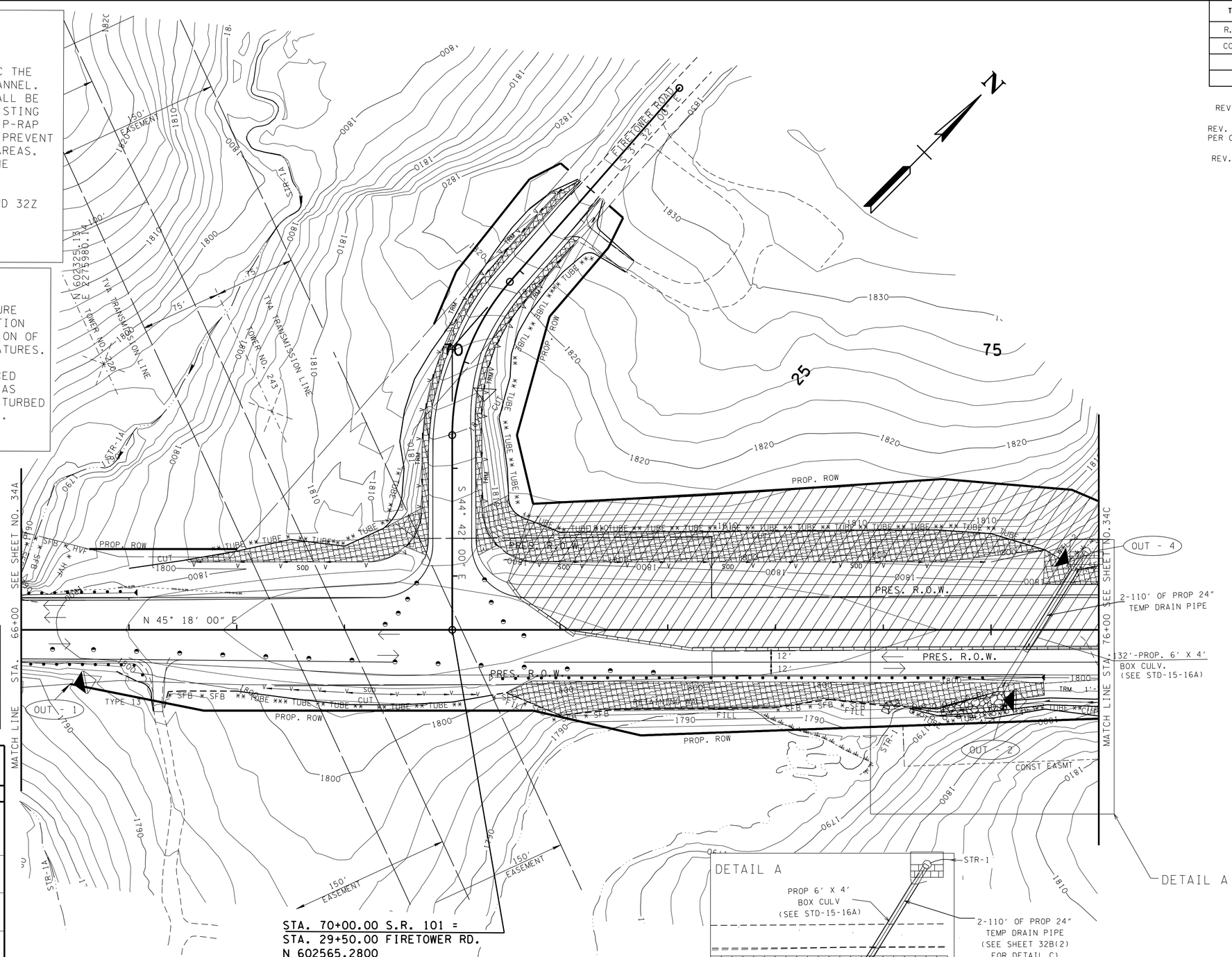
RIP-RAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIP-RAP SHALL BE FILL WITH CREEK GRAVEL TO PREVENT LOSS OF STREAM WITHIN THE RIP-RAP AREAS. CREEK GRAVEL CAN BE REMOVED FROM THE CULVERT EXCAVATION AREA.

FOR TREE PLANTINGS SEE SHEET 32Y AND 32Z FOR WETLAND AND STREAM MITIGATION INFORMATION.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
◑	FLEXIBLE DRUMS (CHANNELIZING)
▨	WORK ZONE
→	TRAFFIC FLOW
▭	PORTABLE BARRIER RAIL

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
SFB	SEDIMENT FILTER BAG	EC-STR-2
SFB SFB SFB	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
	EROSION CONTROL BLANKET	EC-STR-34
TUBE TUBE	SEDIMENT TUBE	EC-STR-37
HVF HVF	HIGH VISIBILITY FENCE	S-F-1

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-1	0.09	10.00
OUT-2	3.00	2.00
OUT-4	4.40	5.00

DETAIL A

PROP 6' X 4' BOX CULV (SEE STD-15-16A)

2-110' OF PROP 24" TEMP DRAIN PIPE (SEE SHEET 32B(2) FOR DETAIL C)

STR-1

OUT - 2

1. BUILD REMAINING PROP 6' X 4' BOX CULV AROUND TEMP DRAIN PIPE.
2. REMOVE SUSPENDED PIPE DIV. AND DIVERT STR-1 INTO PROP 6' X 4' BOX CULV. AS DIRECTED BY T.D.O.T SUPERVISOR.

PLAN NOTES:

1. PLACE EPSC MEASURES AND DETOUR TRAFFIC.
2. SEE DETAIL A.
3. FINISH RDY IN WORK ZONE AREA AS DIRECTED BY TDOT SUPERVISOR.

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.66+00 TO STA.76+00

SCALE: 1"=50'

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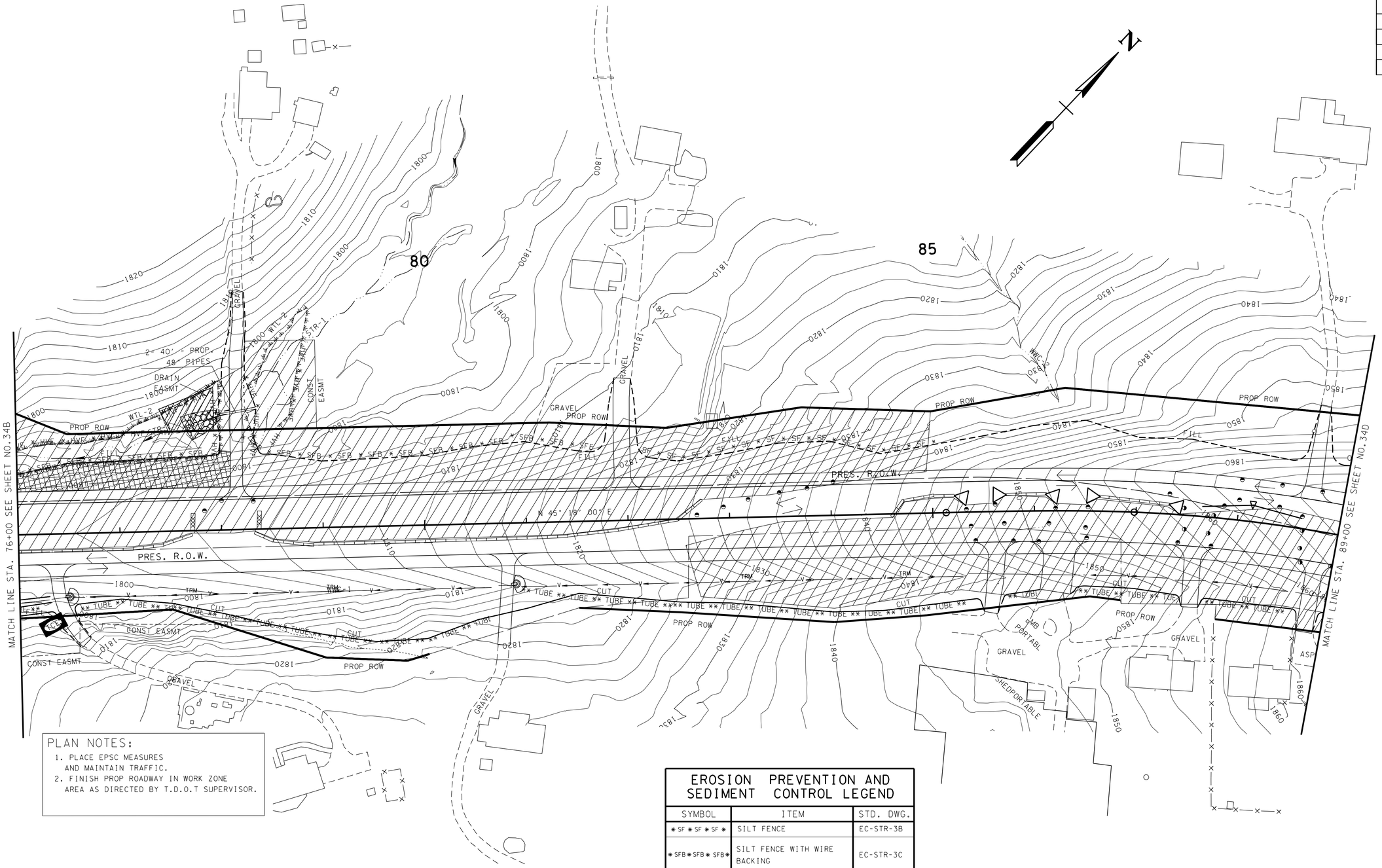
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34C
CONST	2016	STP-101(16)	34C

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.

REV 06-8-16-REVISED PROP ROW PER ROW REQ.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC.
2. FINISH PROP ROADWAY IN WORK ZONE AREA AS DIRECTED BY T.D.O.T SUPERVISOR.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	TEMPORARY BARRICADE (TYPE III)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
	EROSION CONTROL BLANKET	EC-STR-34
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1
	CULVERT PROTECTION (TYPE 1)	EC-STR-11

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 3
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.76+00 TO STA.89+00

SCALE: 1"=50'

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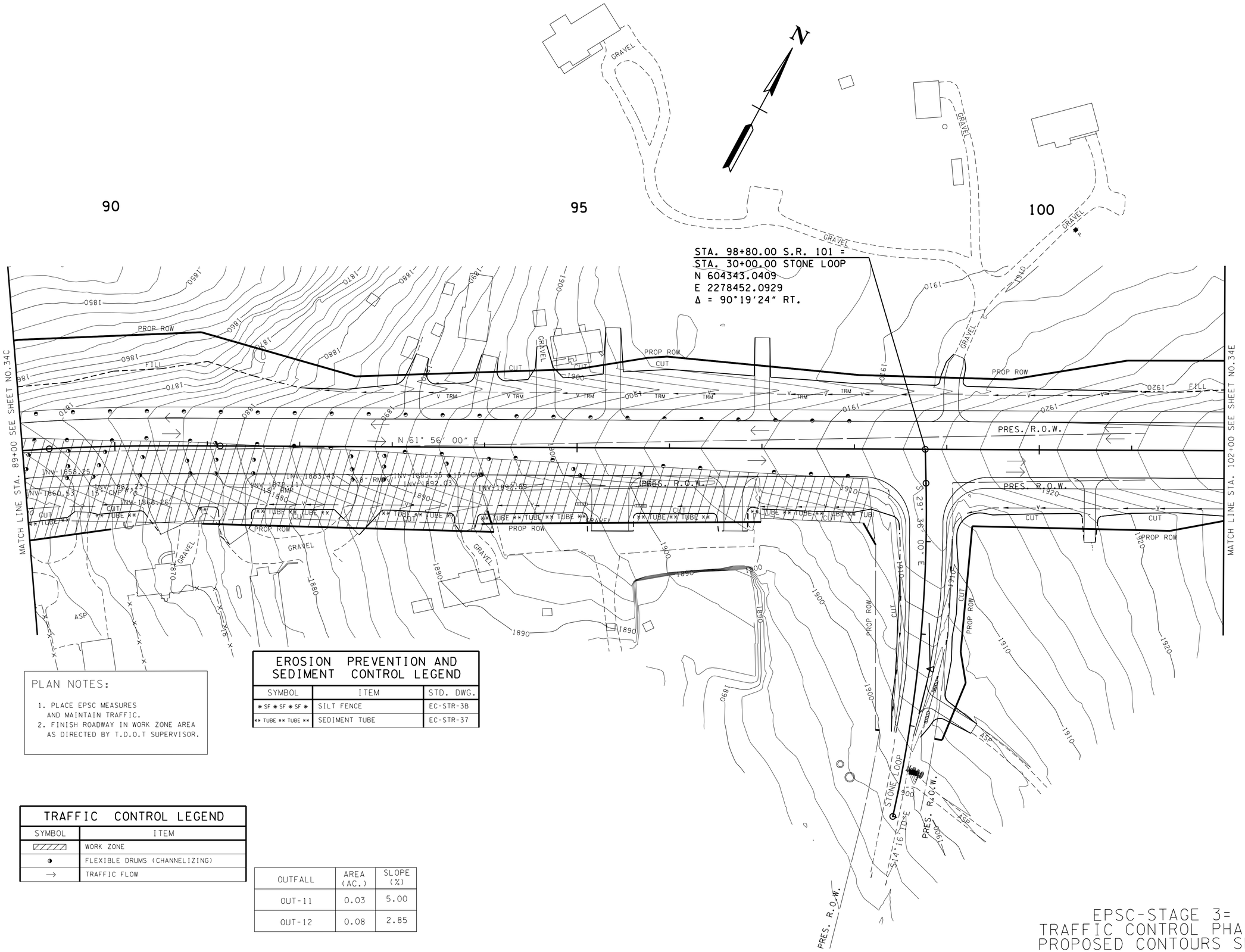
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34D
CONST	2016	STP-101(16)	34D

REV. 5-22-13- ADDED SHEET.

REV. 05-25-16- ADDED SHEET.

REV 06-8-16-REVISED PROP ROW PER ROW REQ.



PLAN NOTES:

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC.
2. FINISH ROADWAY IN WORK ZONE AREA AS DIRECTED BY T.D.O.T SUPERVISOR.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
▨	WORK ZONE
◑	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-11	0.03	5.00
OUT-12	0.08	2.85

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.89+00 TO STA.102+00

SCALE: 1"=50'

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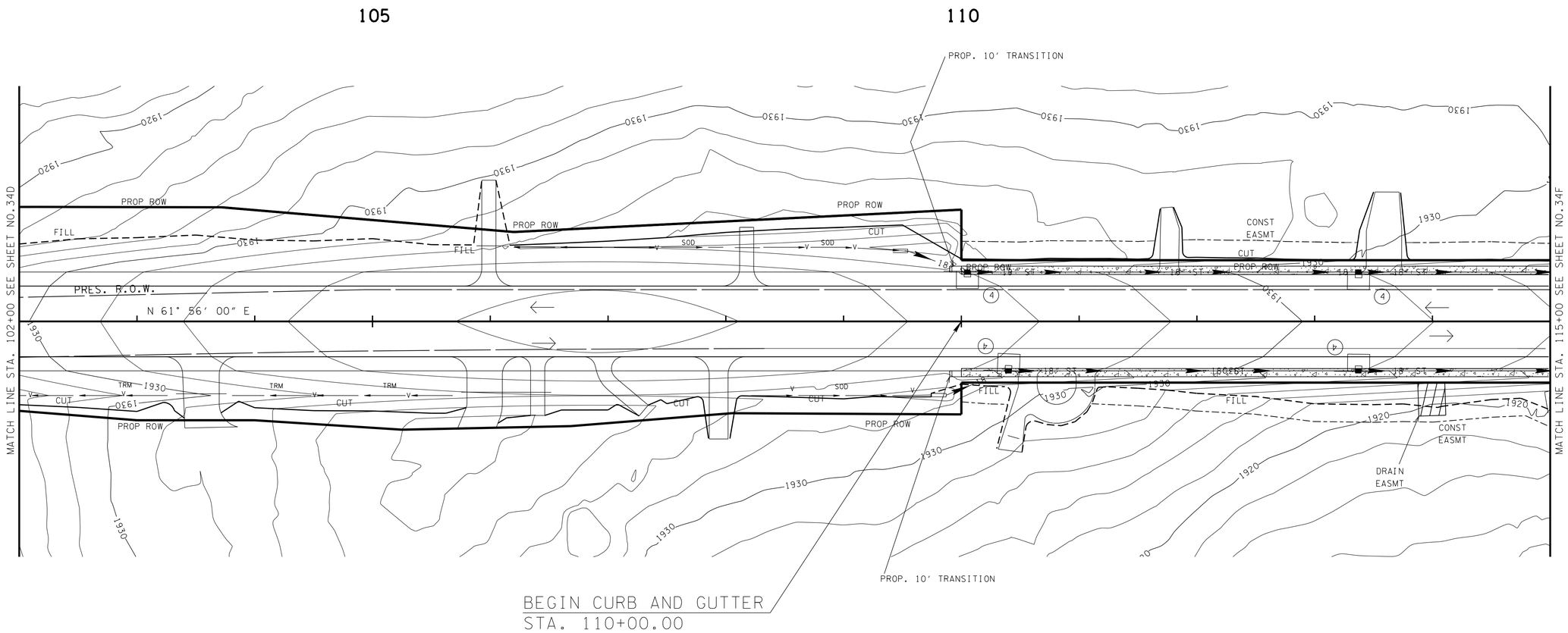
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2010	STP-101(16)	34E
CONST	2016	STP-101(16)	34E

REV. 5-22-13- ADDED SHEET.

REV. 05-25-16- ADDED SHEET.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON ROADWAY.
2. FINISH ROAD.

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 102+00 TO STA. 115+00

SCALE: 1"=50'

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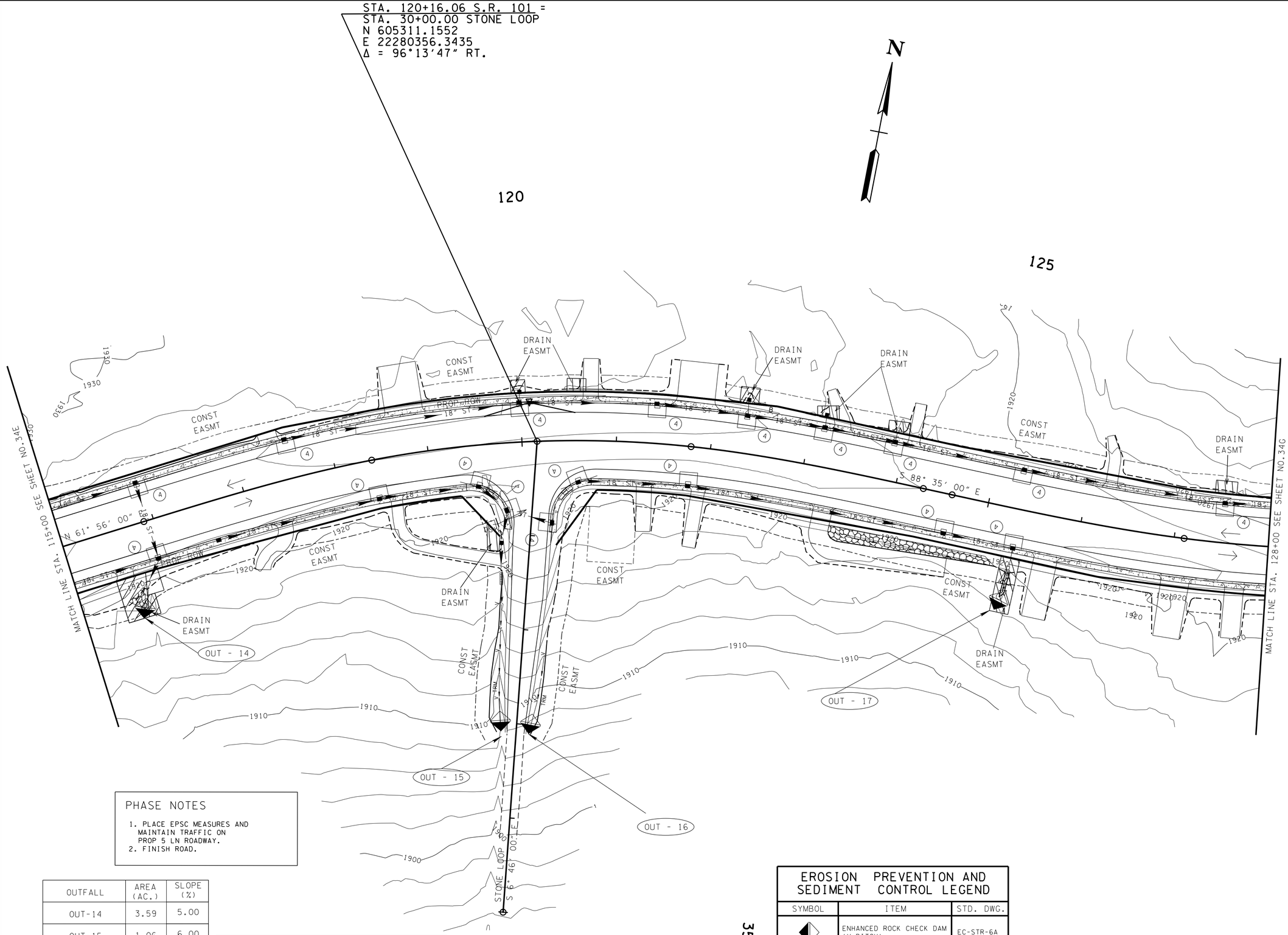
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2010	STP-101(16)	34F
CONST	2016	STP-101(16)	34F

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.



PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-14	3.59	5.00
OUT-15	1.06	6.00
OUT-16	0.06	6.00
OUT-17	0.96	1.50

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

EPSC-STAGE 3 =
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.115+00 TO STA.128+00

SCALE: 1"=50'

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

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-18	2.94	1.00
OUT-22	0.07	4.00

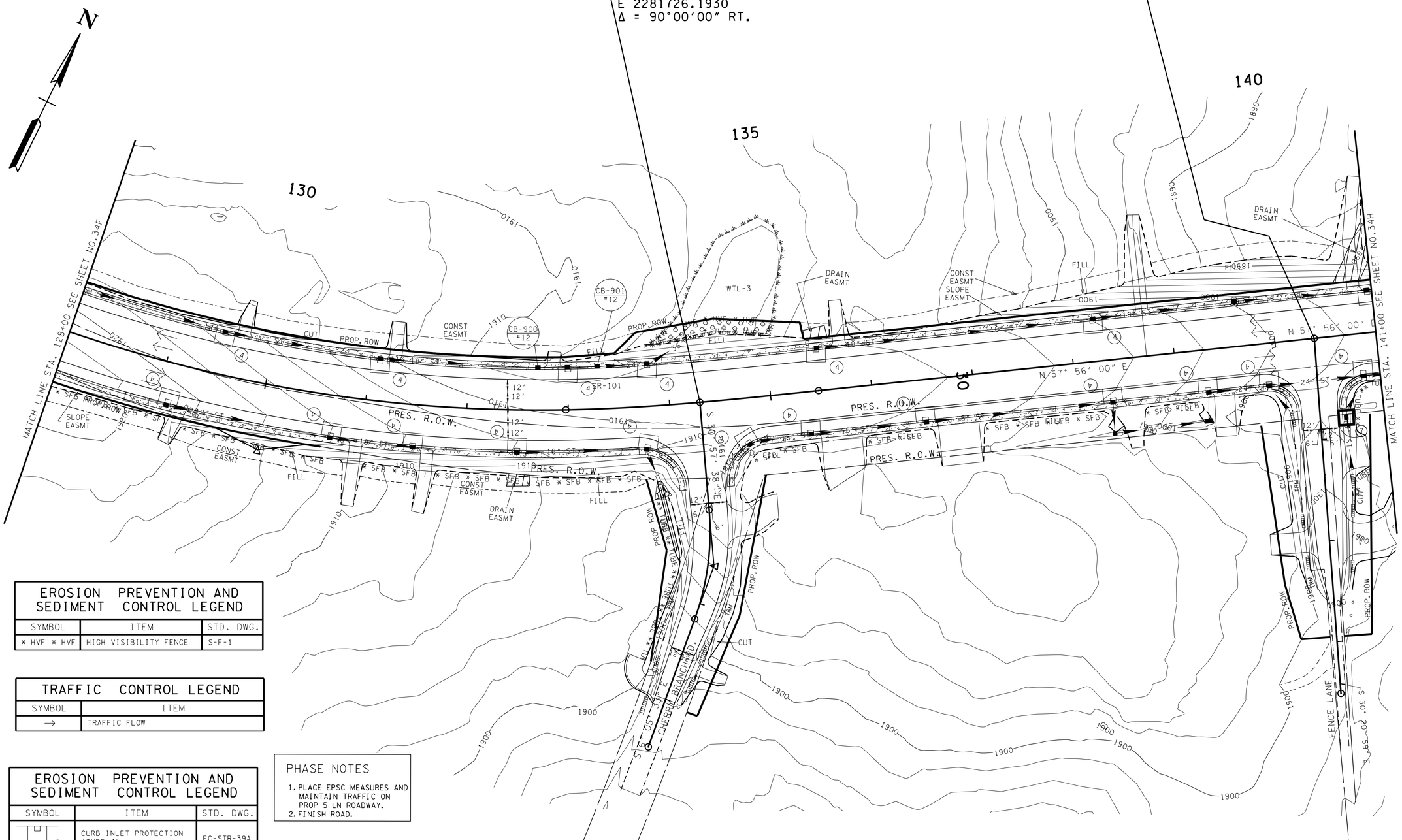
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34G
CONST	2016	STP-101(16)	34G

REV. 5-22-13- ADDED SHEET.

REV. 05-25-16- ADDED SHEET.

STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00'00" RT.

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43'01" RT.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
7	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EC-STR-47

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF L00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.128+00 TO STA.141+00

SCALE: 1"=50'

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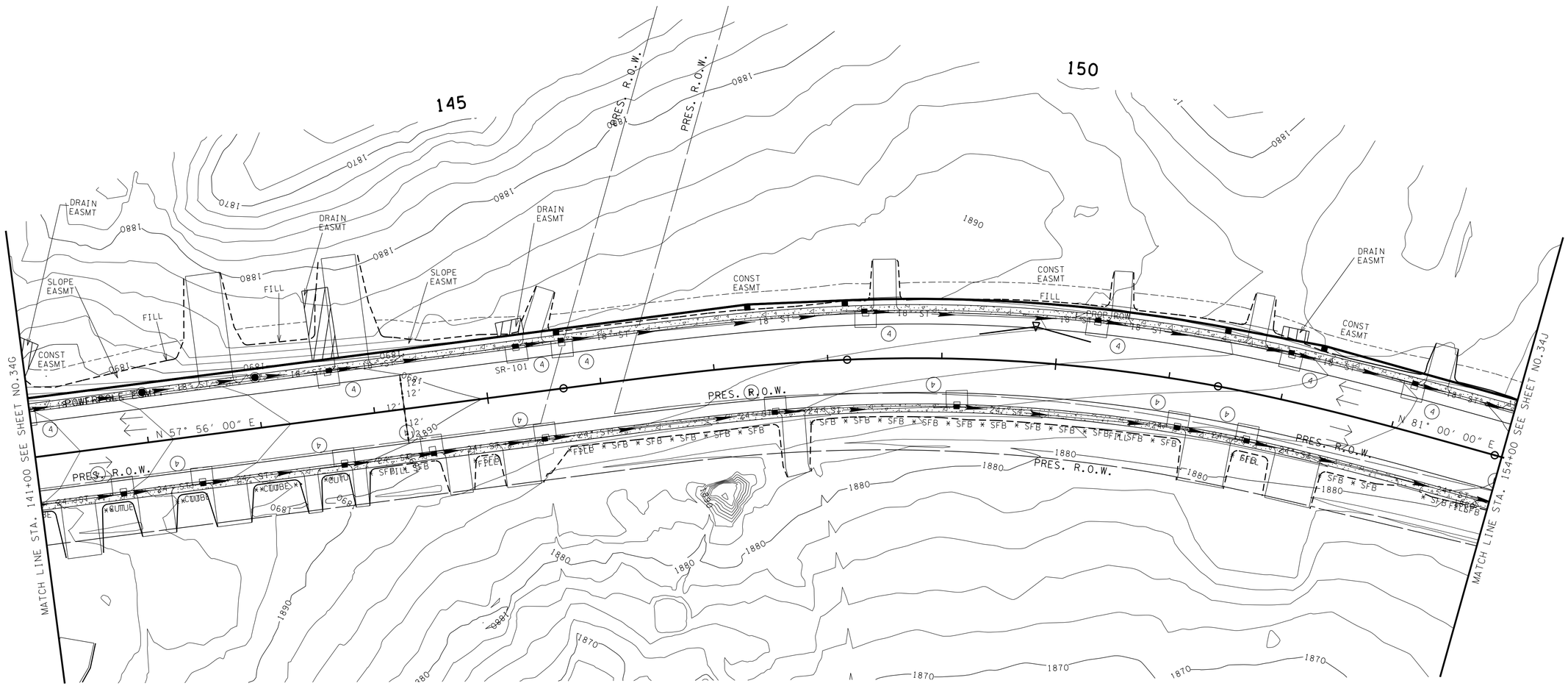
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34H
CONST	2016	STP-101(16)	34H

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.



PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
(2)	CURB INLET PROTECTION (TYPE 2)	EC-STR-39

N

EPSC-STAGE 3 =
TRAFFIC CONTROL PHASE 2

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.141+00 TO STA.154+00

SCALE: 1"=50'

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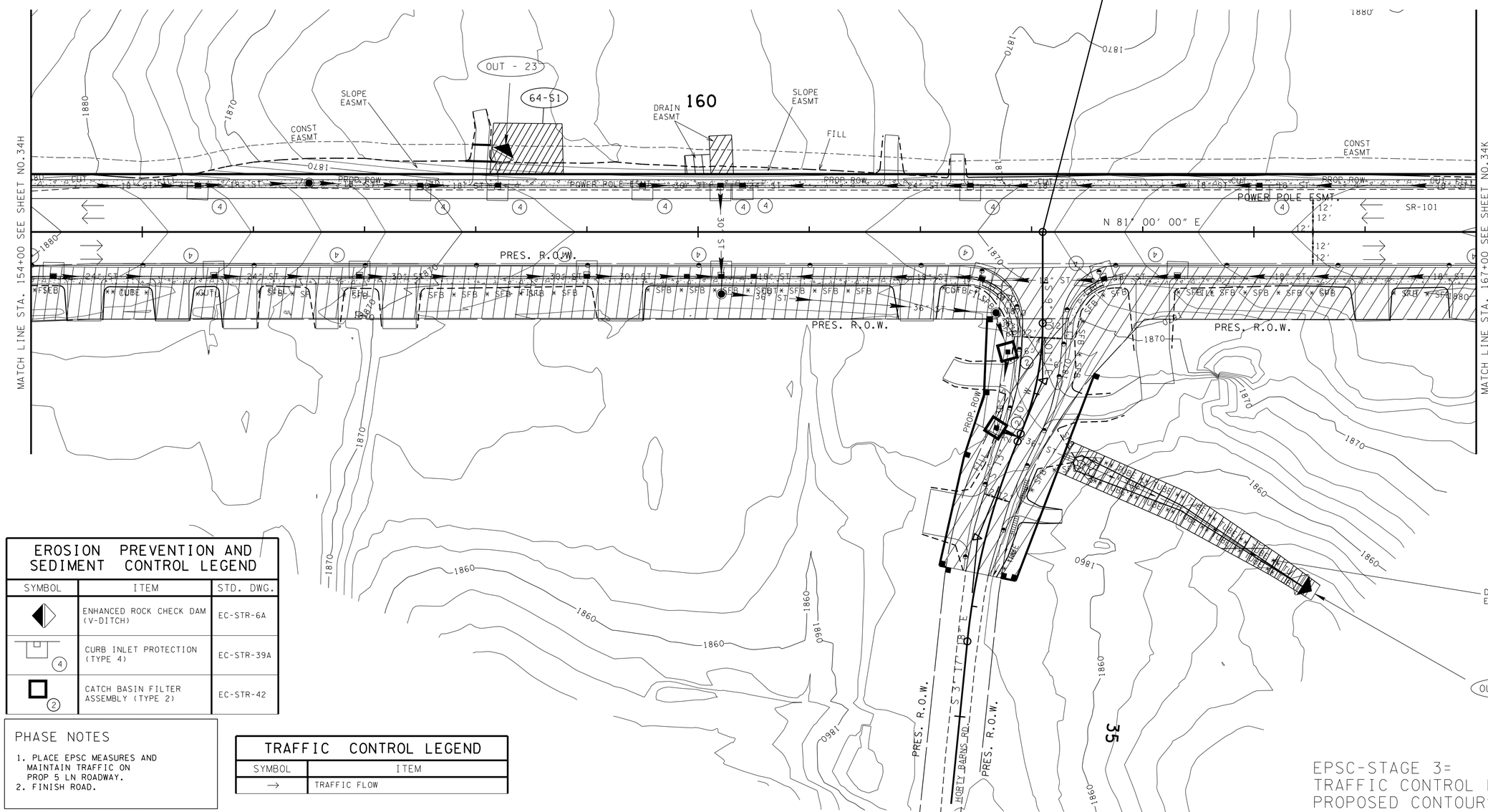
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-23	2.11	1.50
OUT-25	7.63	4.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34J
CONST	2016	STP-101(16)	34J

REV. 5-22-13- ADDED SHEET.

REV. 05-25-16- ADDED SHEET.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
2	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.154+00 TO STA.167+00

SCALE: 1"=50'

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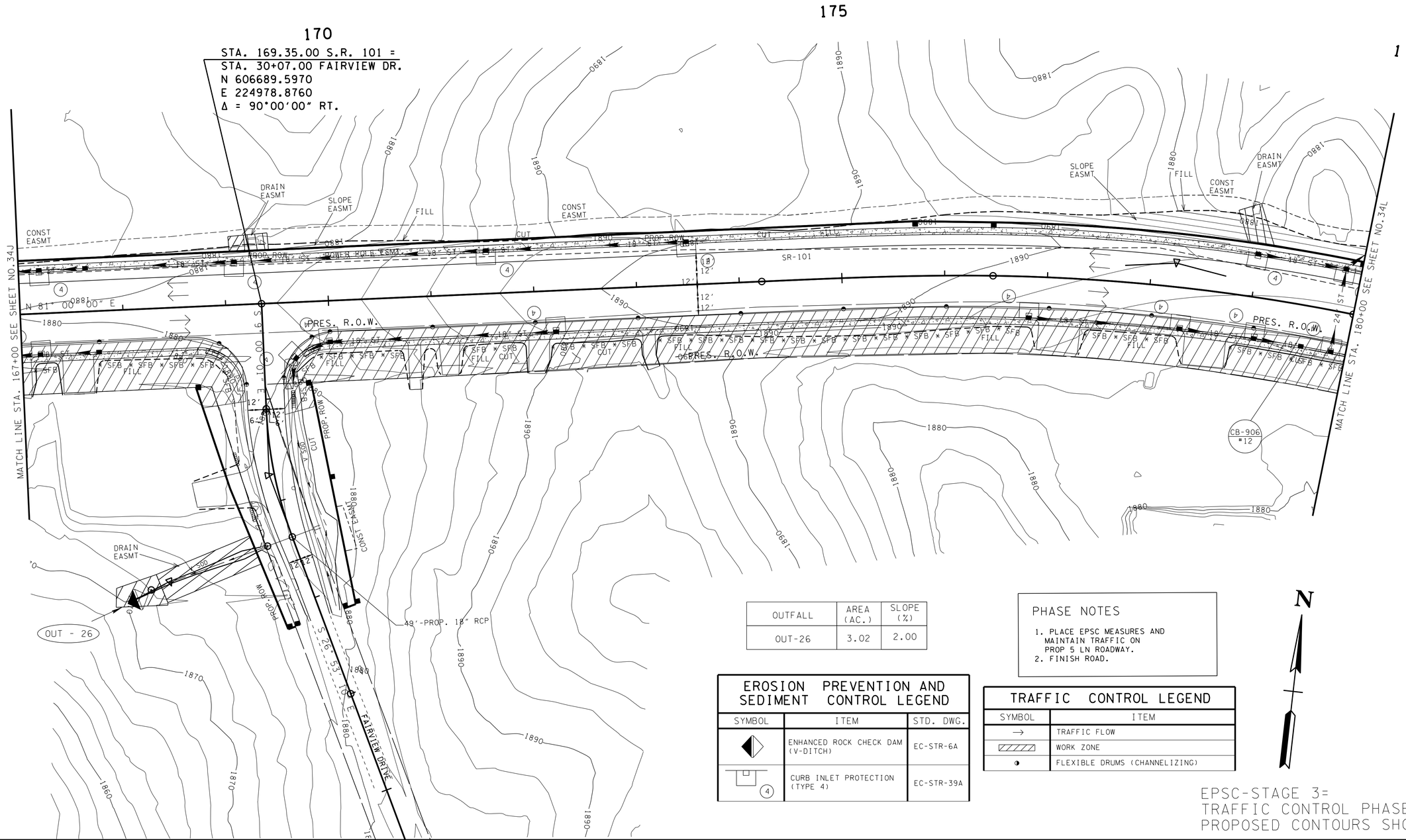
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34K
CONST	2016	STP-101(16)	34K

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.



OUTFALL	AREA (AC.)	SLOPE (%)
OUT-26	3.02	2.00

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
▨	WORK ZONE
◑	FLEXIBLE DRUMS (CHANNELIZING)

N

EPSC-STAGE 3=
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.167+00 TO STA.180+00

SCALE: 1"=50'

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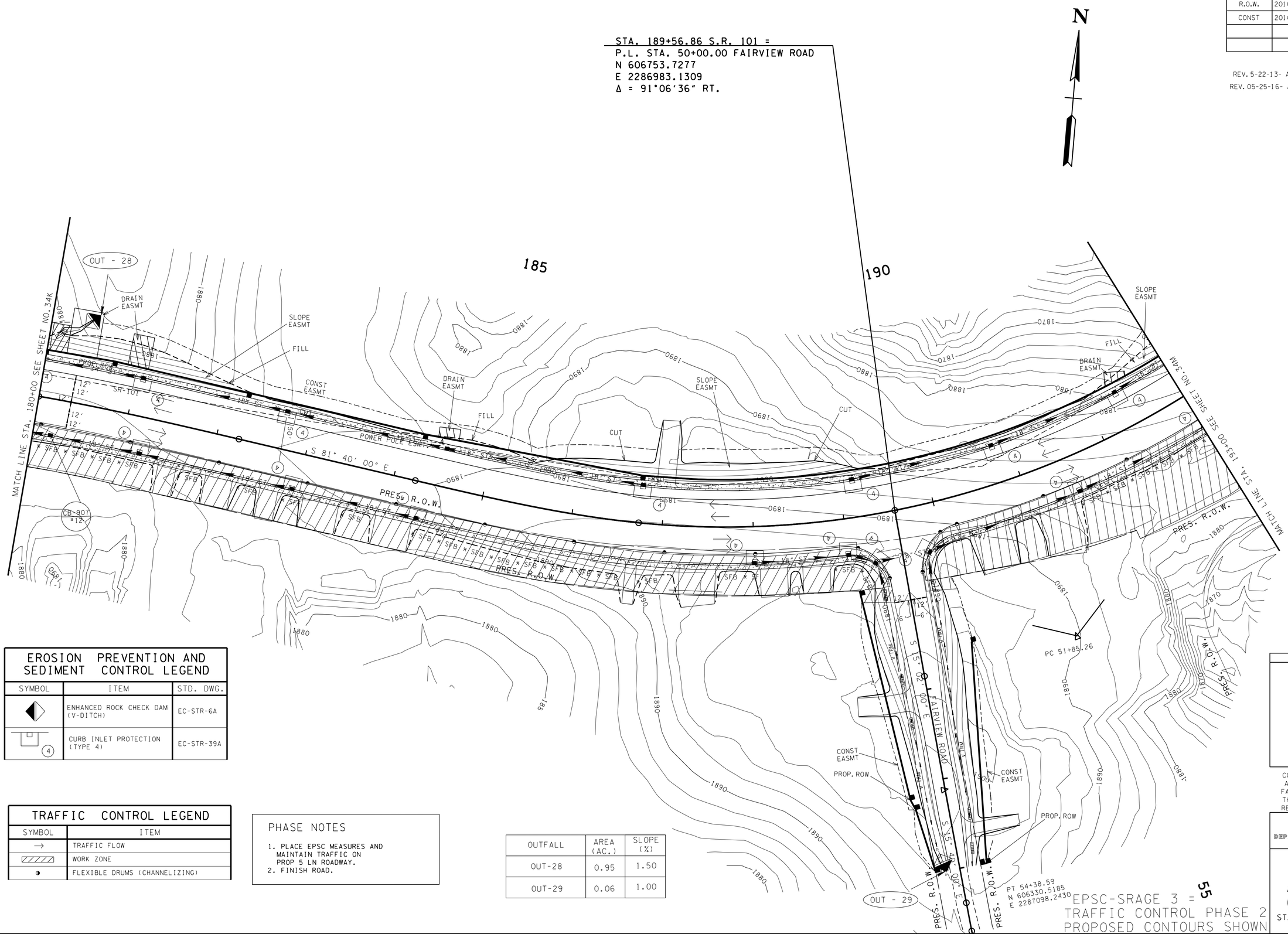
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34L
CONST	2016	STP-101(16)	34L

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
▨	WORK ZONE
◑	FLEXIBLE DRUMS (CHANNELIZING)

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-28	0.95	1.50
OUT-29	0.06	1.00

EPSC-SRAGE 3 = 55
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.180+00 TO STA.193+00

SCALE: 1"=50'

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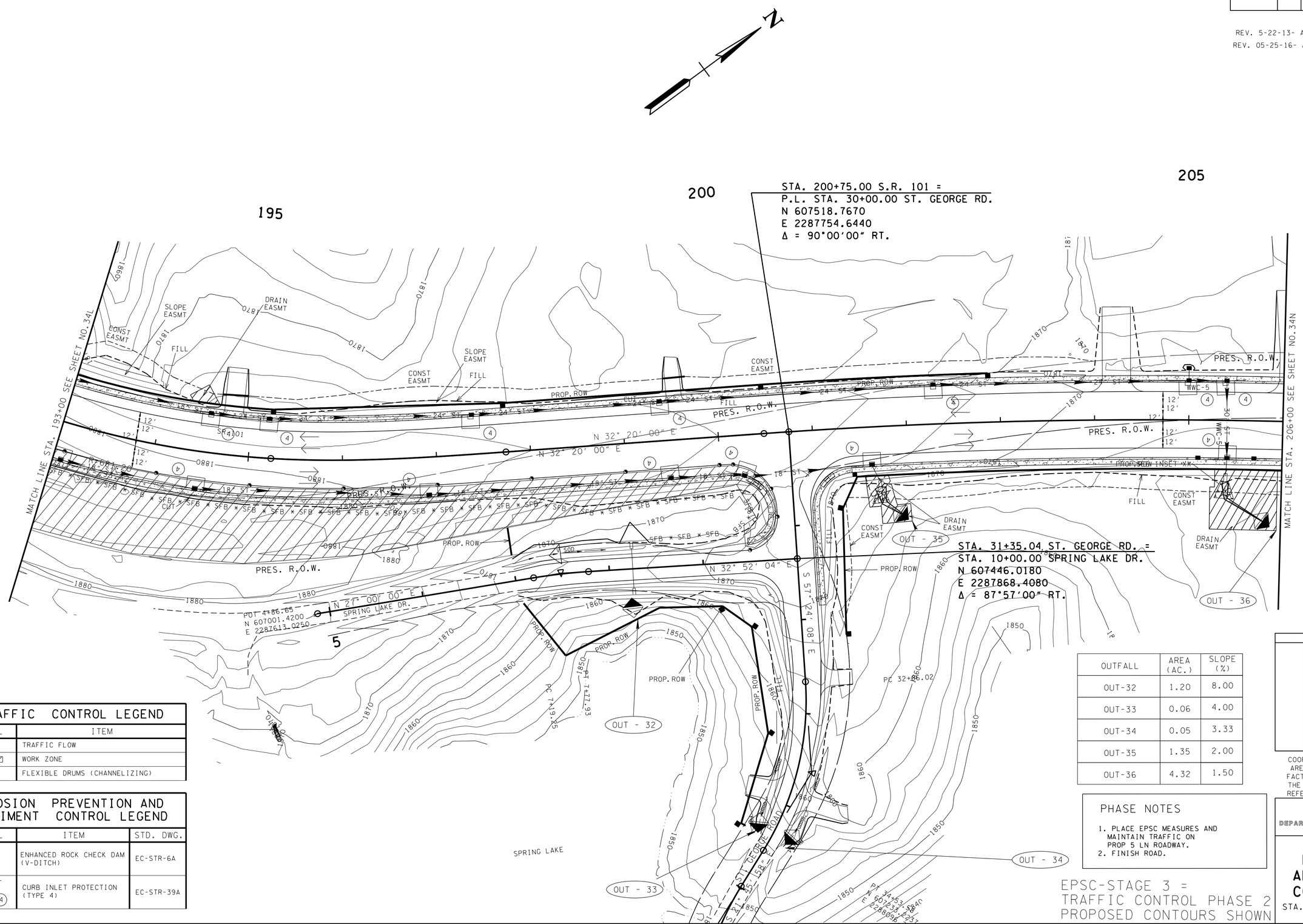
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34M
CONST	2016	STP-101(16)	34M

REV. 5-22-13- ADDED SHEET.
REV. 05-25-16- ADDED SHEET.



OUTFALL	AREA (AC.)	SLOPE (%)
OUT-32	1.20	8.00
OUT-33	0.06	4.00
OUT-34	0.05	3.33
OUT-35	1.35	2.00
OUT-36	4.32	1.50

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
▨	WORK ZONE
◑	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
◆	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

EPSC-STAGE 3 =
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.193+00 TO STA.206+00

SCALE: 1"=50'

20-MAY-2016 09:19
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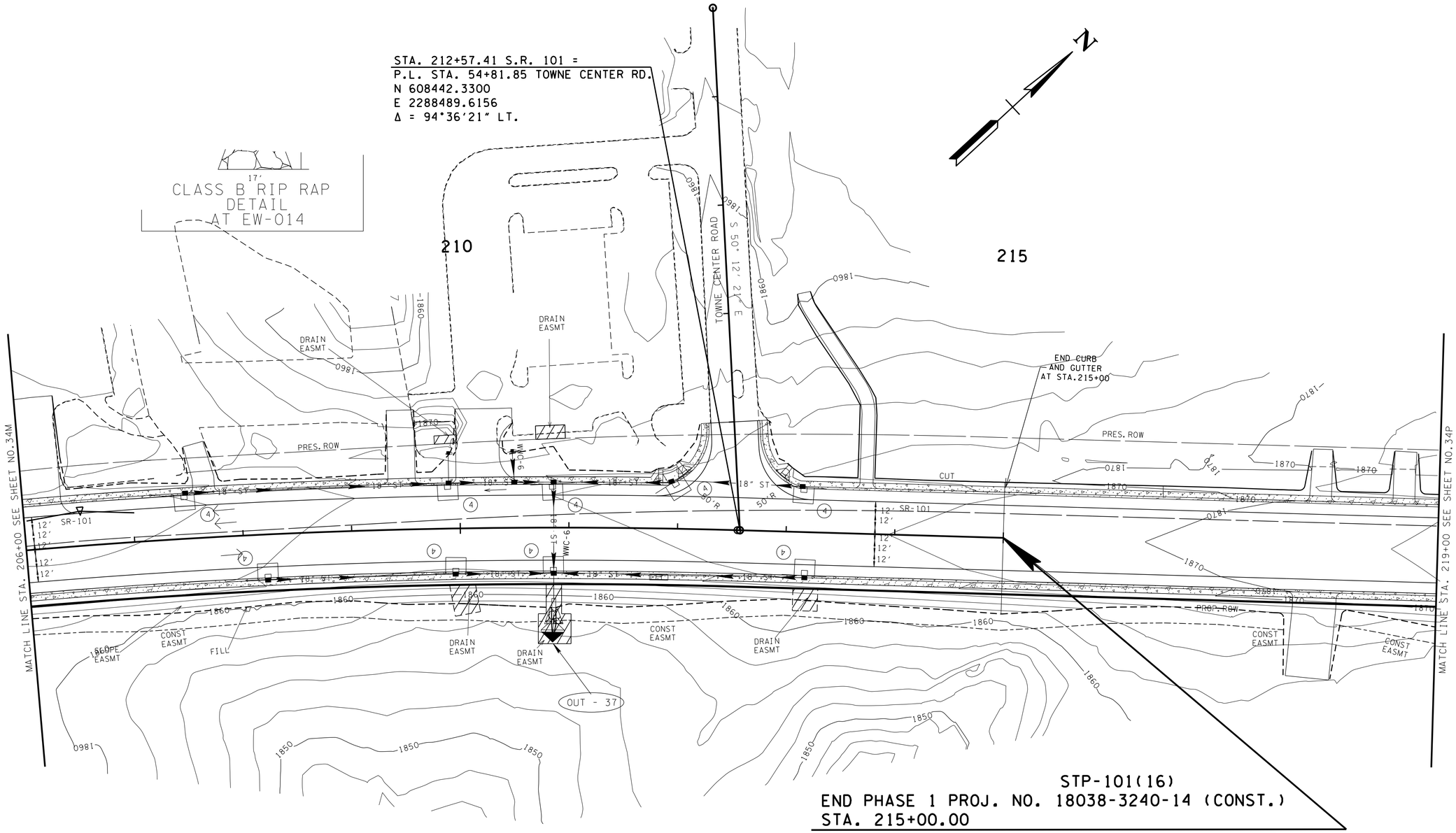
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	34N
CONST	2016	STP-101(16)	34N

REV. 5-22-13- ADDED SHEET.
REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.
REV. 05-25-16- ADDED SHEET.



STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(17)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

OUTFALL	AREA (AC.)	SLOPE (%)
OUT-37	2.95	1.50

PHASE NOTES

1. PLACE EPSC MEASURES AND MAINTAIN TRAFFIC.
2. FINISH ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW

EPSC-STAGE 3 =
TRAFFIC CONTROL PHASE 2
PROPOSED CONTOURS SHOWN

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.206+00 TO STA.219+00

SCALE: 1"=50'

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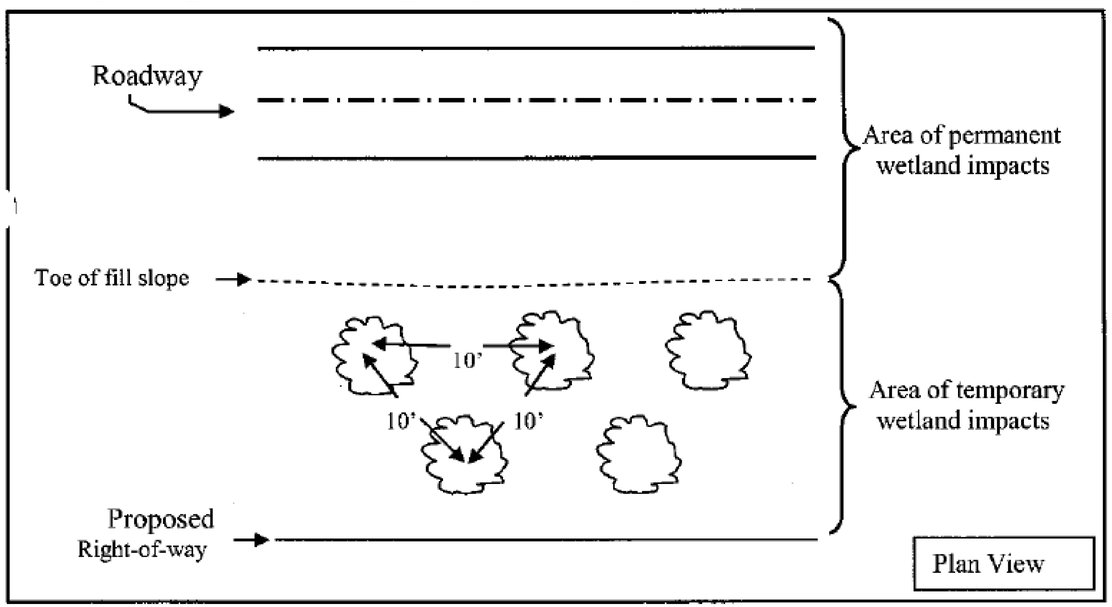
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2010	STP-101(16)	34Y
CONST	2016	STP-101(16)	34Y

REV. 08-20-12 - ADDED SHEET 32Y
REV. 09-24-12 - REMOVED WTL-2 TREE QTYS AND ADDED WTL-3 ONLY TO PLANTING SCHEME PER ENV. REQ.
REV. 5-22-13 - UPDATE YEAR.
REV. 05-25-16 - ADDED SHEET.

Standard On-site Mitigation for Temporary Wetland Impact Areas (if required)

Apply these measures to all applicable temporary wetland impact areas listed in Form J. For temporary wetland impact areas, remove the top 12" of topsoil and stockpile it until construction is complete. Once construction activities are completed, restore all temporary wetland impact areas to pre-construction conditions. This includes removing haul roads (if applicable), restoring the site to the original (pre-construction) elevation and spreading stockpiled topsoil back over the wetland site. The area of temporary impacts will then be seeded, covered with straw and planted with tree seedlings to stabilize the site. Seedlings will be planted on 10-foot centers. Place a note on the present and proposed layout sheets to protect wetland areas located beyond the limits of the fill slope and proposed ROW.

Tree planting scheme for temporary wetland impact areas (WTL-3 ONLY)



TREES

No substitutions of tree species or sizes shall be allowed without the written approval of TDOT Environmental Division. Concerning **stream mitigation**, trees shall be of the variety requested, between 2 and 5 feet in height, containerized, and first quality. Concerning **temporary wetland mitigation**, trees shall be of the variety requested, well branched, **bare root (roots must be kept moist at all times),** and first quality. No clones or cultivars will be accepted. Any found to be incorrect species, or improperly planted, at any time prior to termination of the contract shall be removed and replaced at the contractor's expense. Stakes and wires shall be removed immediately prior to contract termination, unless otherwise directed by the engineer.

The contractor should arrange several months ahead of time to obtain the correct tree species, as some may require some time to locate.

All trees planted shall be wrapped as per section 802.07 of TDOT standard specifications for the road and bridge construction.

Trees shall be watered as required through the period of establishment to ensure survival.

Topsoil is to be removed from all areas of temporary wetland impacts and stockpiled prior to construction.

Upon completion of construction activities, temporary haul roads are to be removed. Excavated material from the haul roads is to be disposed of as directed by the engineer.

Upon completion of construction activities, all temporary wetland impact areas are to be restored to pre-construction contours and the stockpiled wetland topsoil spread to restore these areas to pre-construction elevation.

ESTIMATED TREE QUANTITIES (WTL-3)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	EACH	7
802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	EACH	7
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	EACH	7

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

WETLAND MITIGATION PLAN

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REV. 08-20-12 - ADDED SHEET 32Z
REV. 09-24-12 - ADDED CHANNEL LOCATION SEQUENCE NOTES, STR-1 TREE QTYS, AND REVISED STR-1B TREE QTYS AND TREE PLANTING.
REV. 10-24-12 - REMOVED STR-1B TREE QTYS AND TREE PLANTING.
REV. 5-22-13 - UPDATE YEAR.
REV. 05-25-16 - ADDED SHEET.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2010	STP-101(16)	34Z
CONST	2016	STPO-101(16)	34Z

TREES

No substitutions of tree species or sizes shall be allowed without the written approval of TDOT Environmental Division. Concerning **stream mitigation**, trees shall be of the variety requested, between 2 and 5 feet in height, containerized, and first quality. Concerning **temporary wetland mitigation**, trees shall be of the variety requested, well branched, **bare root (roots must be kept moist at all times),** and first quality. No clones or cultivars will be accepted. Any found to be incorrect species, or improperly planted, at any time prior to termination of the contract shall be removed and replaced at the contractor's expense. Stakes and wires shall be removed immediately prior to contract termination, unless otherwise directed by the engineer.

The contractor should arrange several months ahead of time to obtain the correct tree species, as some may require some time to locate.

All trees planted shall be wrapped as per section 802.07 of TDOT standard specifications for the road and bridge construction.

Trees shall be watered as required through the period of establishment to ensure survival.

Standard Stream Mitigation (if required)

Apply these measures to all applicable streams listed in Form J. Duplicate the length, bottom channel widt elevations, side slopes, meander wavelength, and curvature of the existing channels to the extent possible. Each channel should transition smoothly from its beginning elevation to its tie-in elevation in the receiving stream, without profile drops or jumps. Locate the new channels in as flat an area as possible to avoid unusually high side slopes; this may require some additional right-of-way. Channel length placed in spring-boxes or culverts counts as part of the new channel length (but may require off-site compensatory mitigation that would not be required for an open channel). Channel side slopes should mimic existing channel side slopes, unless otherwise indicated, and be stabilized using appropriate BMPs – the use of rip-rap should be avoided if possible. If rip-rap is required, the rip-rap should be embedded into the soil such that (1) the top of the rip-rap is flush with the bottom and sides of the channel, (2) the voids are filled with material similar to the original channel bottom, and (3) water will flow on top of the embedded riprap and soil material to enable the water to be visible.

Plant two alternating rows of tree or shrub species on both sides of the new channels; the first row shall be bare root seedlings that are planted on the channel slope, centered on the midpoint of the slope. Along top of bank, two- to five-foot (2-5 ft) container grown trees are to be planted within one foot of the top of bank. If needed, black willow (*Salix nigra)* stakes will be installed along the edge of water in the new channel. The stakes will be fresh material cut in approximately foot lengths. The stakes will be installed on approximately five foot centers at the edge of water in the new channel. The stakes are to be driven in such that approximately six inches of the stake are left above ground. The bare root seedlings will be the same species as the trees, unless otherwise indicated. If required by FWHA clearance requirements, plantings can be restricted to one bank.

Rip-rap, if required, should be limited to ends of culverts. All relocated channels and their accompanying mitigation features, including trees, are to be placed in right-of-way rather than easements; this may require acquisition of additional right-of-way. Use the following specifications for planted species.

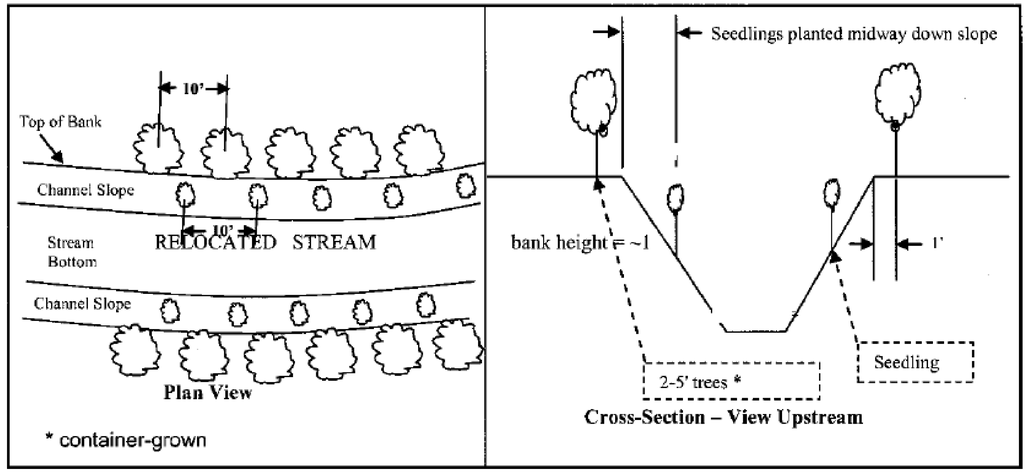
ESTIMATED TREE QUANTITIES (STR-1)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802-11.02	ACER RUBRUM (RED MAPLE 2-5FT CNTNR GRWN)	EACH	7
802-11.39	QUERCUS RUBRA (NORTHERN RED OAK 2-5FT CNTNR GRWN)	EACH	8
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	EACH	1
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	EACH	1

CHANNEL RELOCATION SEQUENCE AND IMPLEMENTATION NOTES FOR RELOCATED STREAM CHANNELS (IGNORE REFERENCES TO ITEMS NOT SPECIFIED)

1. If the relocated channel flows into a proposed culvert, the new channel shall be relocated prior to installation of the culvert to ensure correct elevation levels are set for the inlet. The new channel shall be excavated and stabilized during a low-water period. Rip-rap (only as shown on plans), seeding, and/or sod shall be installed immediately following channel completion. Trees shall be installed in the first planting season following channel excavation. Water shall be diverted into the new channel only after it is completely stabilized, and only during a low-water period. Stabilized means that all specified rock, erosion control blankets, seeding, sod, or materials are in place and established.
2. CHANNEL RELOCATION SEQUENCE
   a. Flag edge of the new channel top bank prior to clearing. Do not clear large trees in position to shade the new channel. Leave as many trees and shrubs as possible between toe of the new highway slope and the stream.
   b. Excavate the new channel "in the dry" by leaving areas of undisturbed earth (diversion berms) in place at both ends.
   c. Shape channel to specifications shown. Remove loose soils and debris.
   d. Place topsoil, erosion control blanket. seed, sod, or other material as specified.
   e. Remove diversion berms, beginning with the most downstream; banks and bottom elevation of the old channel should transition smoothly into the new channel. The elevations of the new channel bottom at each end of the relocation sequence should match the elevations of the existing channel, and a steady percent slope should be maintained throughout the relocated channel centerline or as specified.
   f. Install trees according to standard specifications section 802.
3. Only rip-rap shown on plans should be used in the relocated channel reach. Any other proposed rip-rap should be coordinated with the Environmental Division through the TDOT Construction Office.
4. Requests by any agency that would require the modification of channels, ditches, elevations, rip-rap or any other stream mitigation items associated with the channel relocations shall be referred to the TDOT Environmental Division via the Headquarters Construction Office for coordination with all involved agencies and TDOT divisions. Tennessee Department of Environment and Conservation may make recommendations concerning erosion control via the engineer without such referral.

SPACING FOR PLANTING ALONG RELOCATED STREAM



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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STREAM MITIGATION PLAN

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	STP-101(16)	35

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

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

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES:

   a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES. TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.

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

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

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

   b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3.5 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

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

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

   a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

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

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

   b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.

   c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.

   d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

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

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

   SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

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

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

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.

   WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:

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

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

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

3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:

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

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

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

   b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

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

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

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

   1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

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

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

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL NOTES

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

20-MAY-2016 09:40
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REV 11-5-2015: ADDED ITEM NOS. 705-09.07 AND 712-02.36. REVISED ITEM NOS. 705-08.51 AND 712-02.02
REV 1-15-16: REMOVED ITEM NOS. 705-09.07 AND 712-02.36 PER CONST REQ.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	STP-101(16)	35(1A)

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

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN X IN		ITEM NO. 712-06 (S.F.)	REMARKS
2	(G20-1)	ROAD WORK NEXT 3 MILES	48	24	16	
26	(G20-2)	END ROAD WORK	48	24	208	
1	(R11-2)	ROAD CLOSED	48	30	10	
2	(W4-2R)	RIGHT LANE ENDS MERGE(SYMBOL)	48	48	32	
2	(W20-1)	ROAD WORK 1000 FT	48	48	32	
1	(W20-1)	ROAD WORK 500 FT	48	48	16	
24	(W20-1)	ROAD WORK AHEAD	48	48	384	
2	(W20-3)	ROAD WORK 1/2 MILES	48	48	32	
1	(W20-5R)	RIGHT LANE CLOSED 1/2 MILE	48	48	16	
					746	TOTAL

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

TEMPORARY TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	5
2)	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2509
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	154
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	10
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	3
	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	31.5
	717-01	MOBILIZATION	LS	1

FOOTNOTES

1.) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIRMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
2.) ANY ADDITIONAL REMOVAL OF PAVEMENT MARKINGS WILL BE PAID FOR UNDER ITEM 712-01

TRAFFIC CONTROL QUANTITIES

PHASE	PAY ITEMS			
	705-08.51 (EACH) ****	712-02.02 (L.F.) ****	712-04.02 (EACH)	712-07.03 (L.F.)
1	5	2509	266	10
2	1	170	630	0
TOTALS	**5**	**2509**	**896**	**10**

*** TO BE USED AS DIRECTED BY TDOT SUPERVISOR

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

20-MAY-2016 09:42
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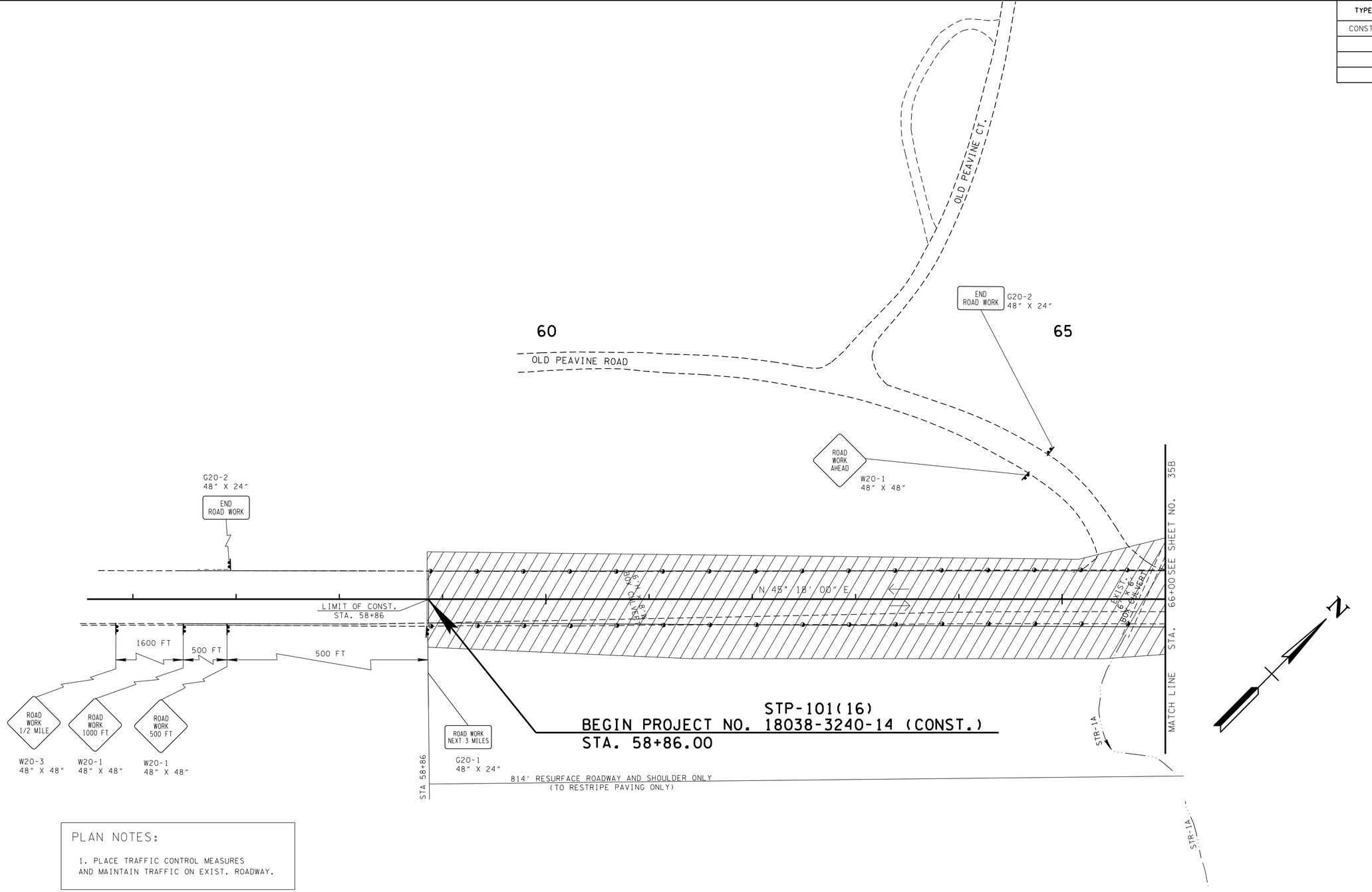
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	STP-101(16)	35A

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



PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.56+00 TO STA.66+00

SCALE: 1"=50'

20-MAY-2016 09:42
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

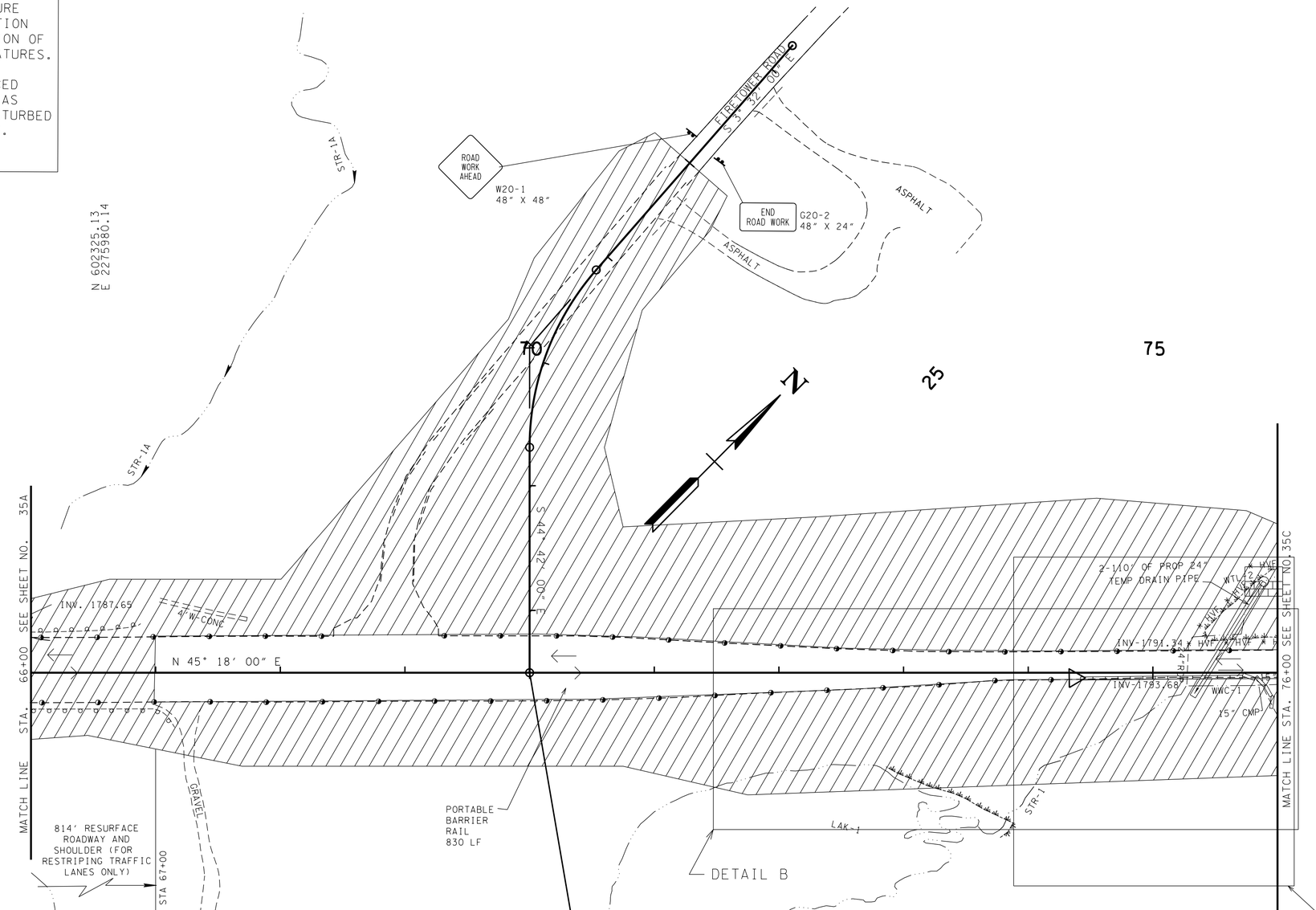
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35B

REV 11-25-15: REVISED DETAIL C PER CONST REQ.

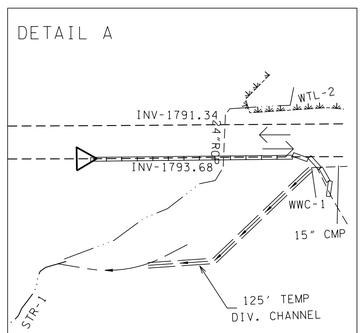
SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

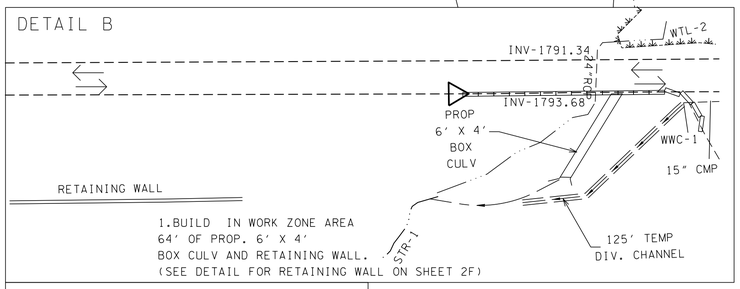


DETAIL A



1. BUILD IN WORK ZONE AREA 125' TEMP DIV. CHANNEL AND SPECIAL DITCH FOR PROP 6' X 4' BOX CULV.
(SEE SHEET 31 FOR SPECIAL DITCH PROFILE)

DETAIL B

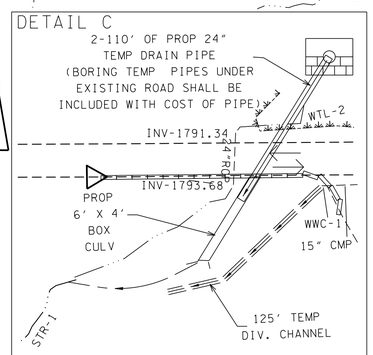


1.BUILD IN WORK ZONE AREA 64' OF PROP. 6' X 4' BOX CULV AND RETAINING WALL.
(SEE DETAIL FOR RETAINING WALL ON SHEET 2F)

THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE ANY NECESSARY WORK IN INSTALLING THE RETAINING WALL WHICH WILL BE INCLUDED IN THE COST OF THE RETAINING WALL.

STA. 70+00.00 S.R. 101 =
STA. 29+50.00 FIRETOWER RD.
N 602565.2800
E 2276222.3070
Δ = 90°00'00" RT.

DETAIL C



1. PLACE 2-110' OF PROP. 24" TEMP DIV. DRAIN PIPE FROM STR-1 TO PROP. 6' X 4' BOX CULV.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	TEMPORARY DIVERSION CHANNEL (DESCRIBE-SIZE AND TYPE OF LINING)	EC-STR-31
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

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CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

PLAN NOTES:
1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. SEE DETAIL A, B, & C.
3. BUILD ROADWAY AS DIRECTED BY TDOT SUPERVISOR

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.66+00 TO STA.76+00

SCALE: 1"=50'

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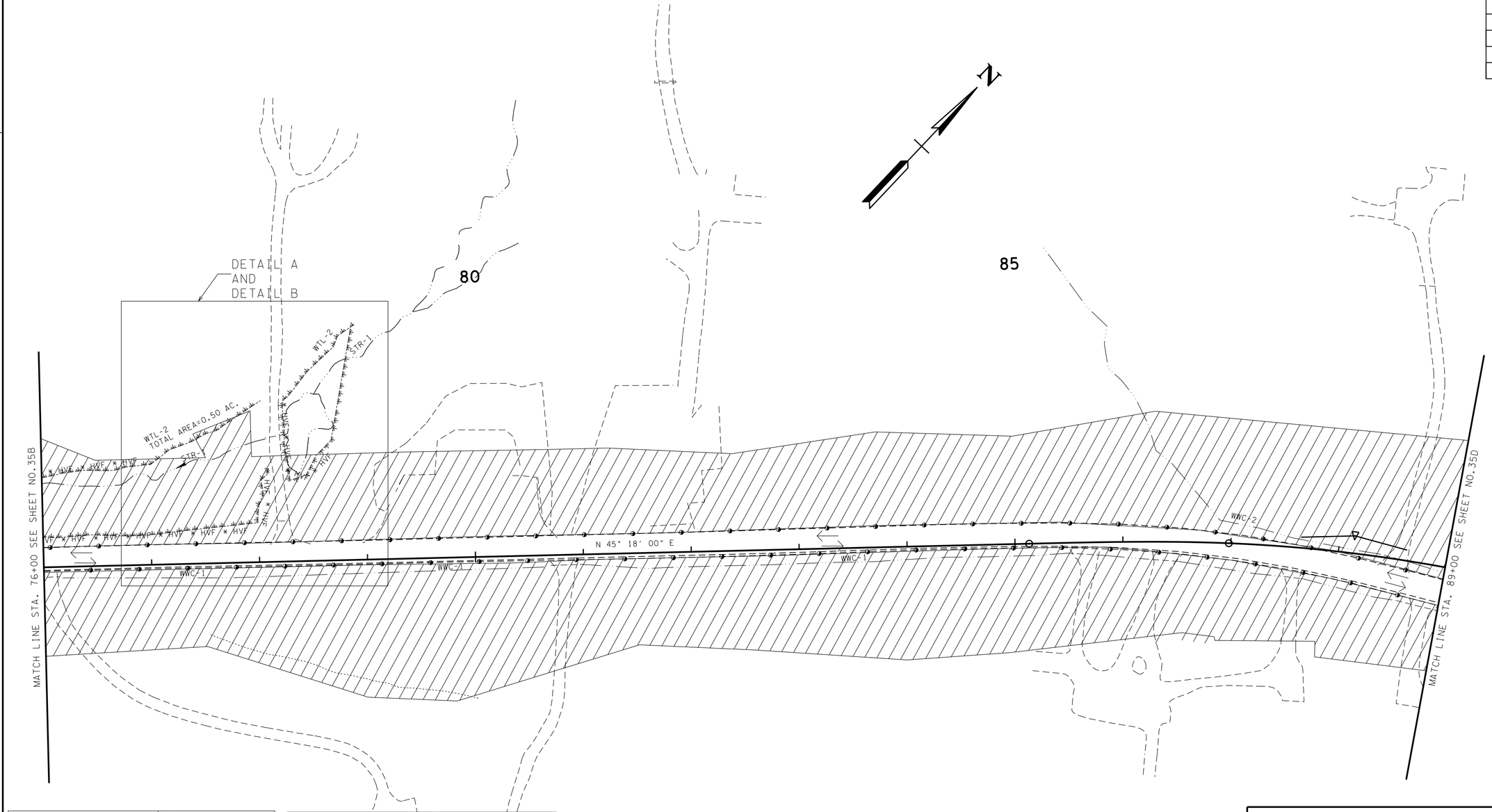
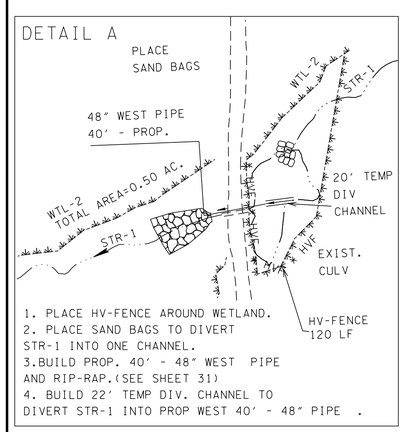
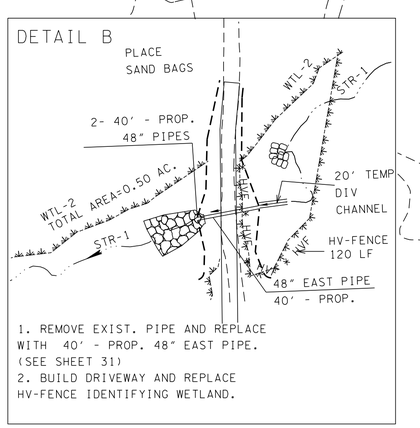
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35C

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







SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
→	TRAFFIC FLOW
× HVF × HVF	HIGH VISIBILITY CONSTRUCTION FENCE
◑	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. DETAIL A & B.
2. BUILD ROADWAY AS DIRECTED BY TDOT SUPERVISOR

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.76+00 TO STA.89+00

SCALE: 1"=50'

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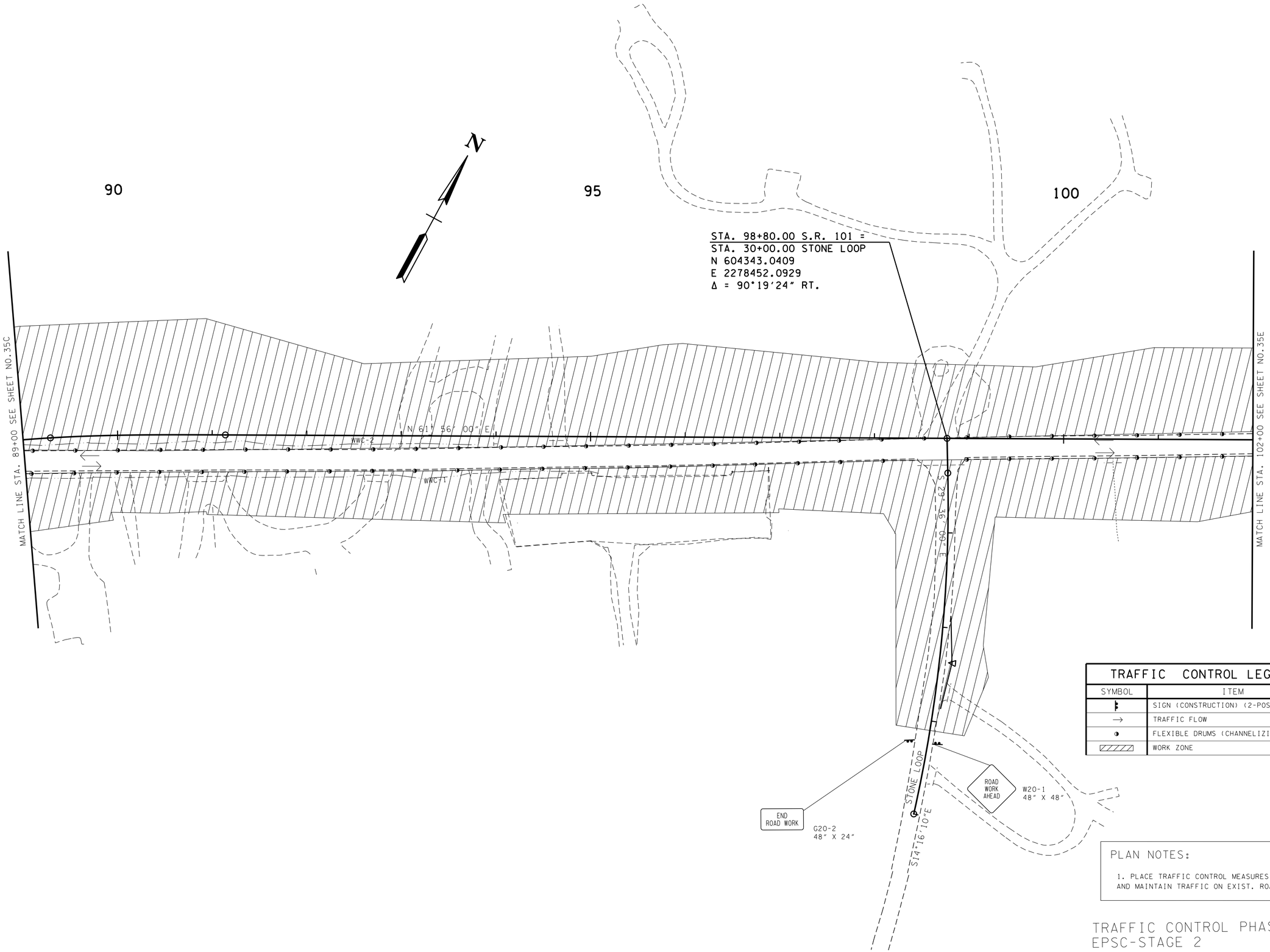
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35D



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)
	WORK ZONE

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.89+00 TO STA.102+00

SCALE: 1"=50'

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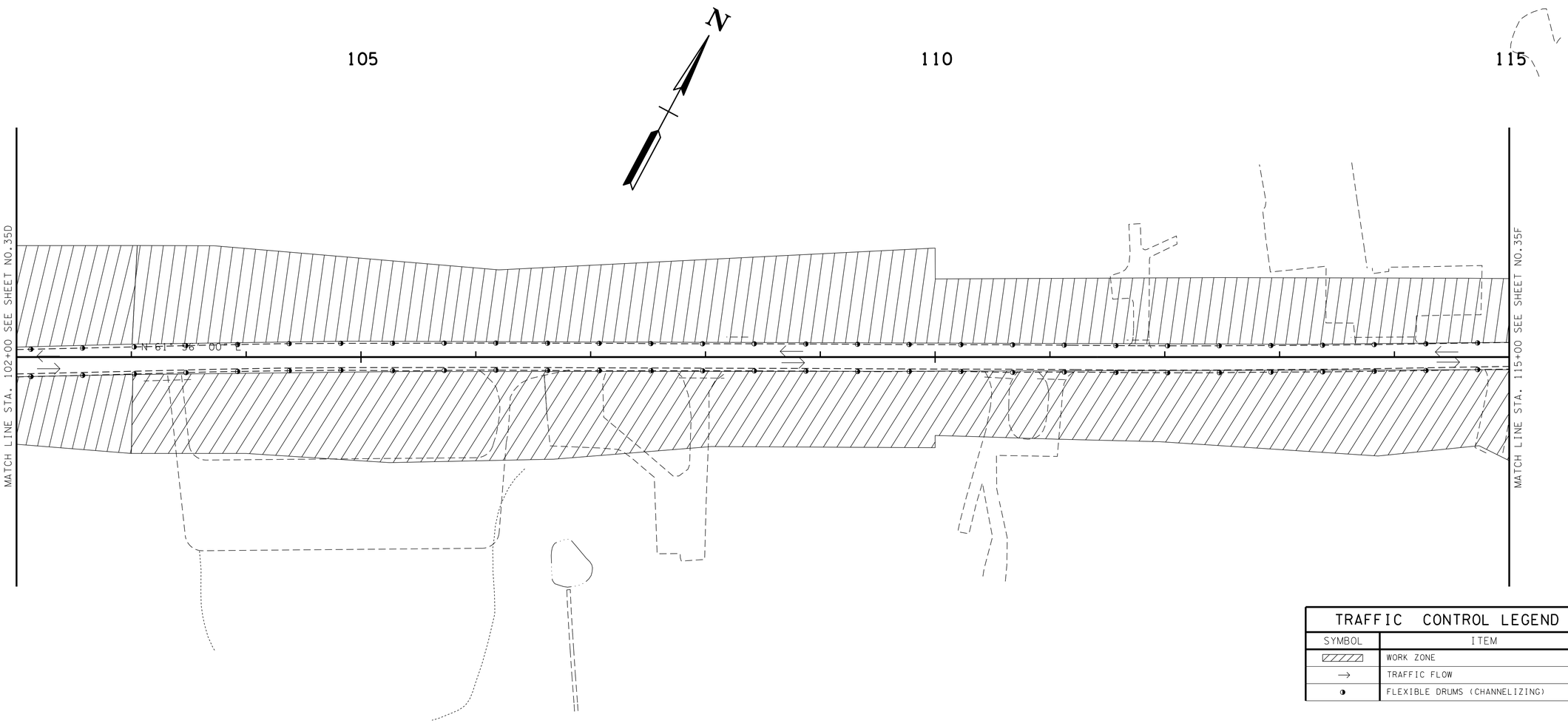
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	STP-101(16)	35E



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▨	WORK ZONE
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B31(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.102+00 TO STA.115+00

SCALE: 1"=50'

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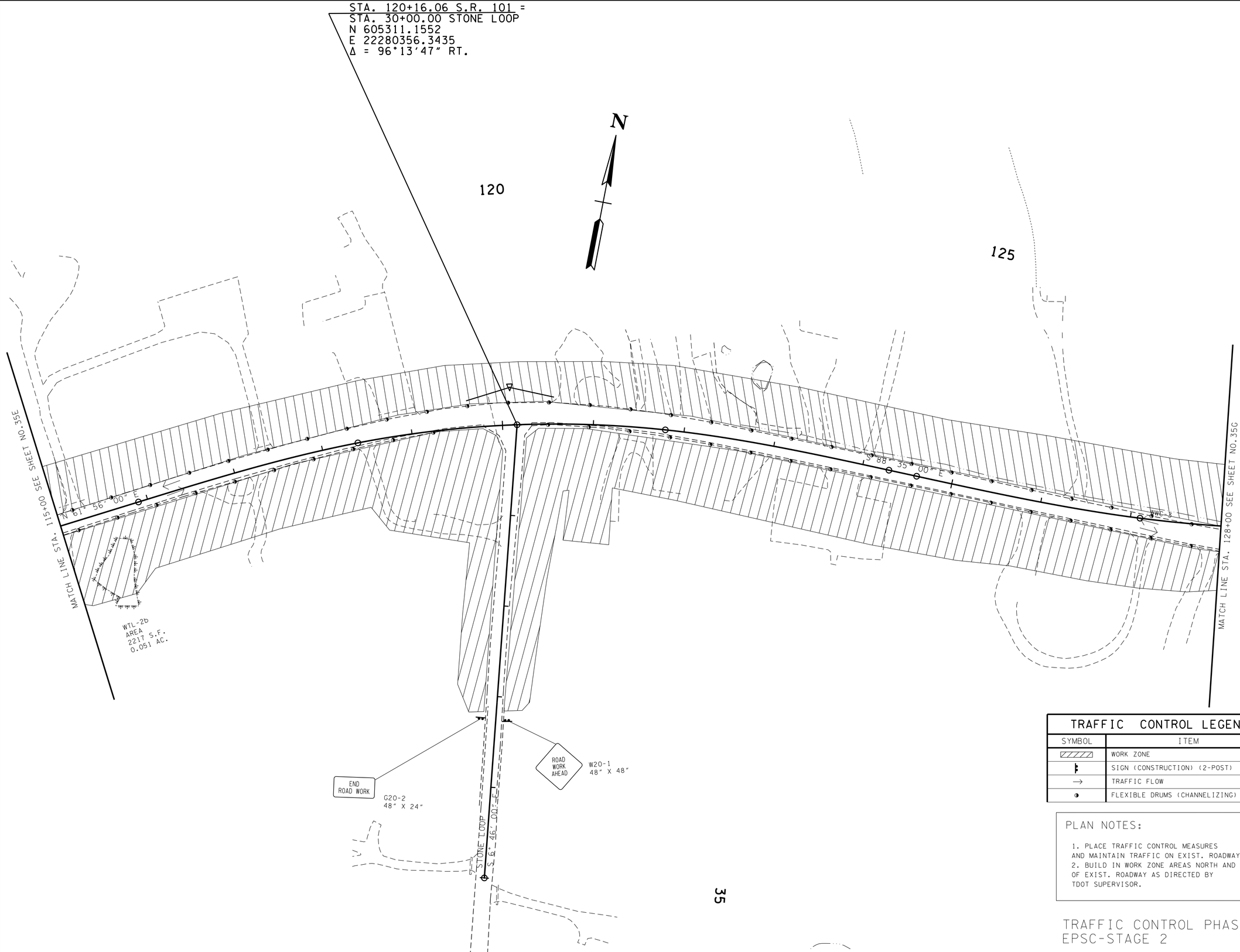
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35F



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.115+00 TO STA.128+00

SCALE: 1"=50'

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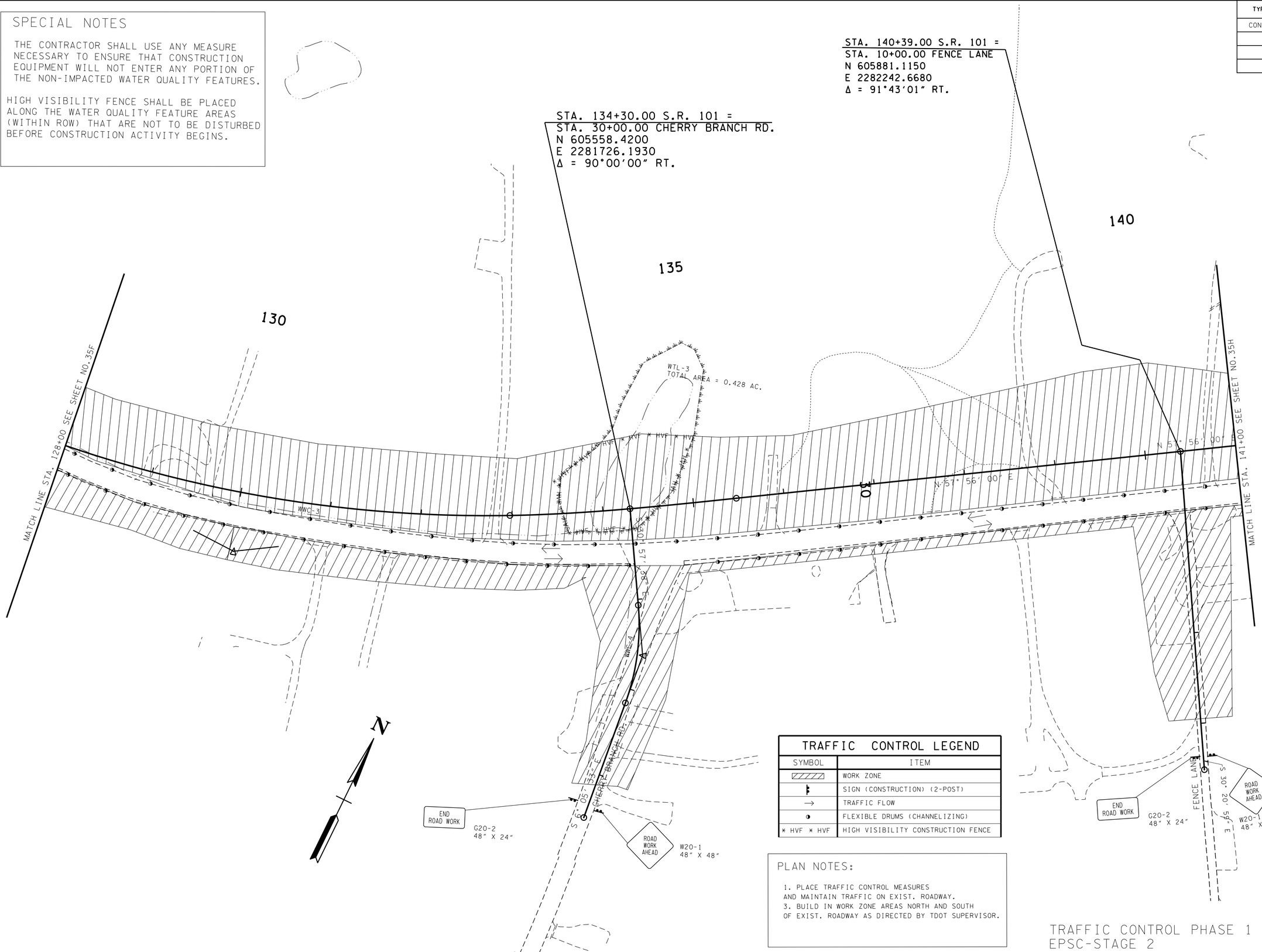
TENNESSEE D.O.T.	DESIGN DIVISION	FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35G

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▨	WORK ZONE
▮	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
3. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.128+00 TO STA.141+00

SCALE: 1"=50'

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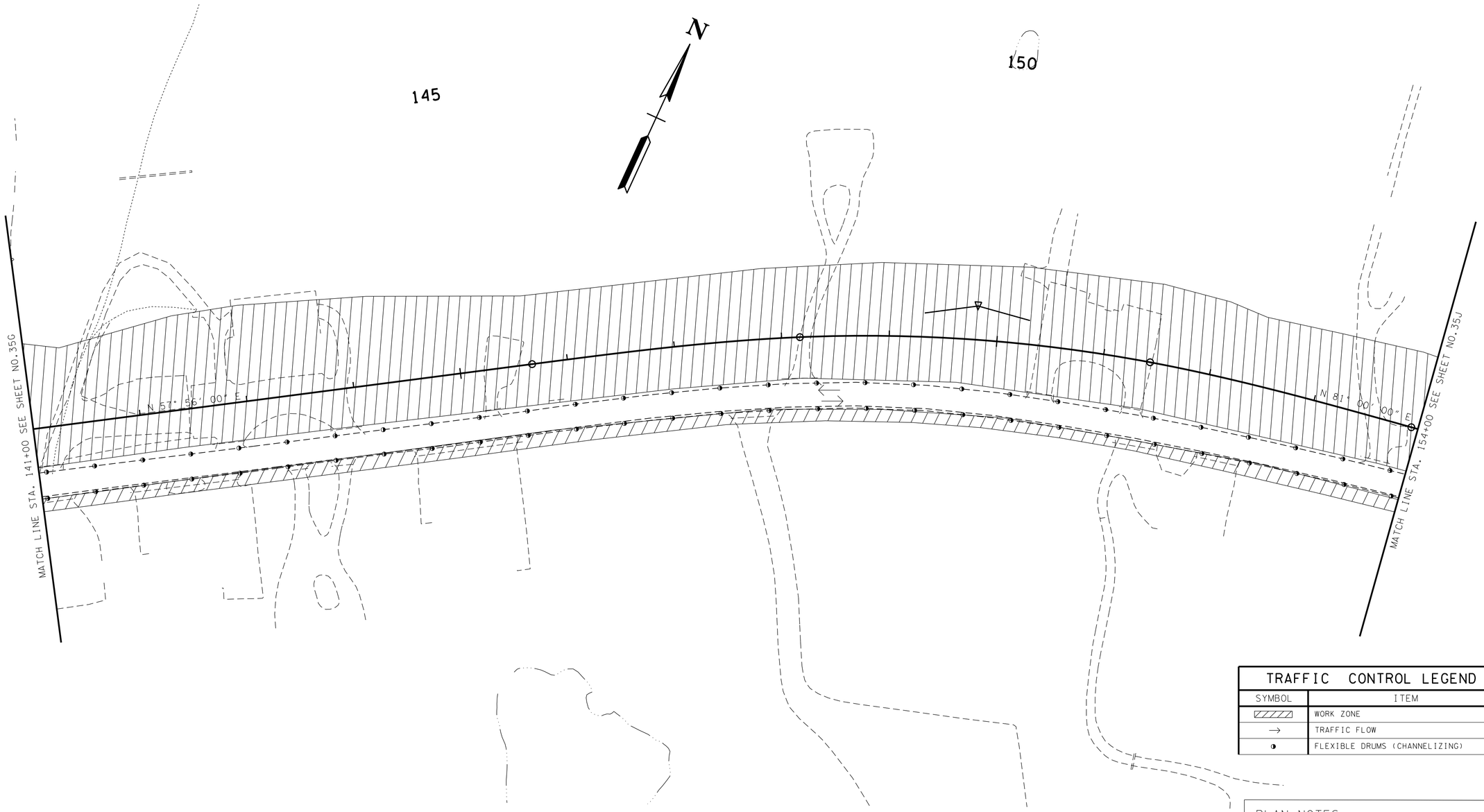
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35H



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▨	WORK ZONE
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA ON NORTH SIDE OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.141+00 TO STA.154+00

SCALE: 1"=50'

20-MAY-2016 09:43
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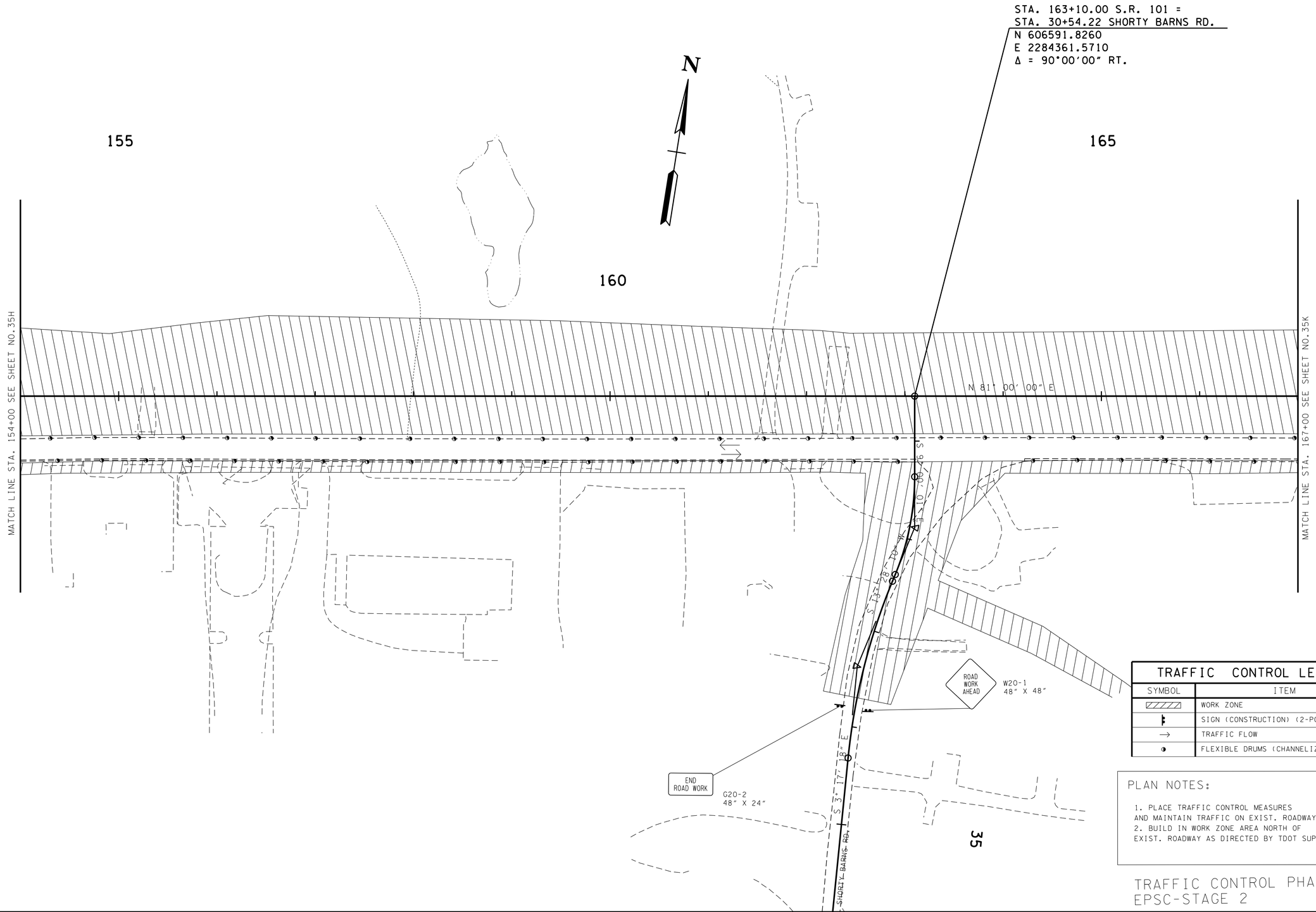
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35J

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



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▨	WORK ZONE
⚑	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.154+00 TO STA.167+00

SCALE: 1"=50'

20-MAY-2016 09:43
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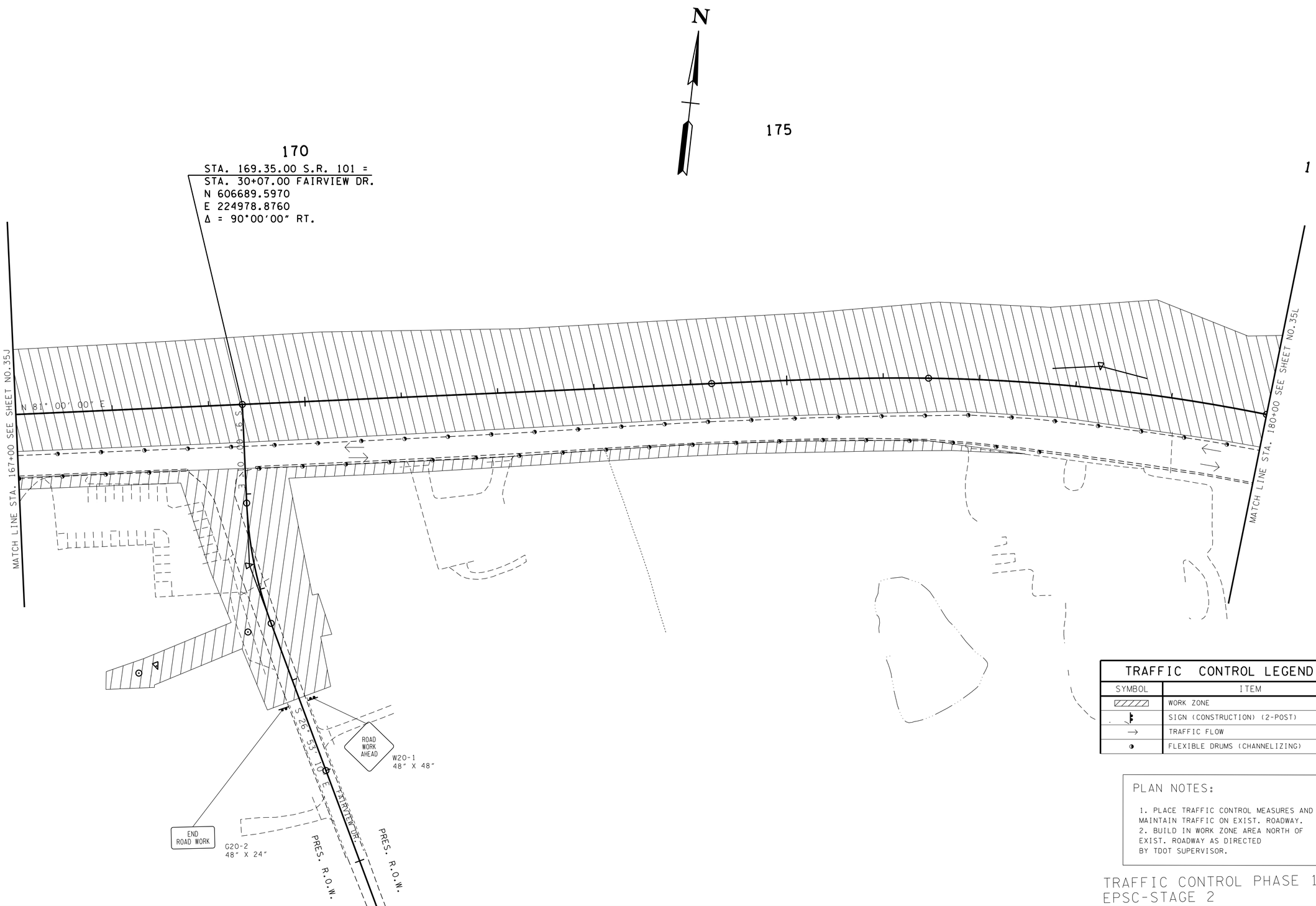
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35K



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREA NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.167+00 TO STA.180+00

SCALE: 1"=50'

20-MAY-2016 09:43
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35L

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

STA. 189+56.86 S.R. 101 =
P.L. STA. 50+00.00 FAIRVIEW ROAD
N 606753.7277
E 2286983.1309
Δ = 91°06'36" RT.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST ROADWAY.
3. BUILD IN WORK ZONE AREAS NORTH OF EXIST. ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.180+00 TO STA.193+00

SCALE: 1"=50'

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

20-MAY-2016 09:43
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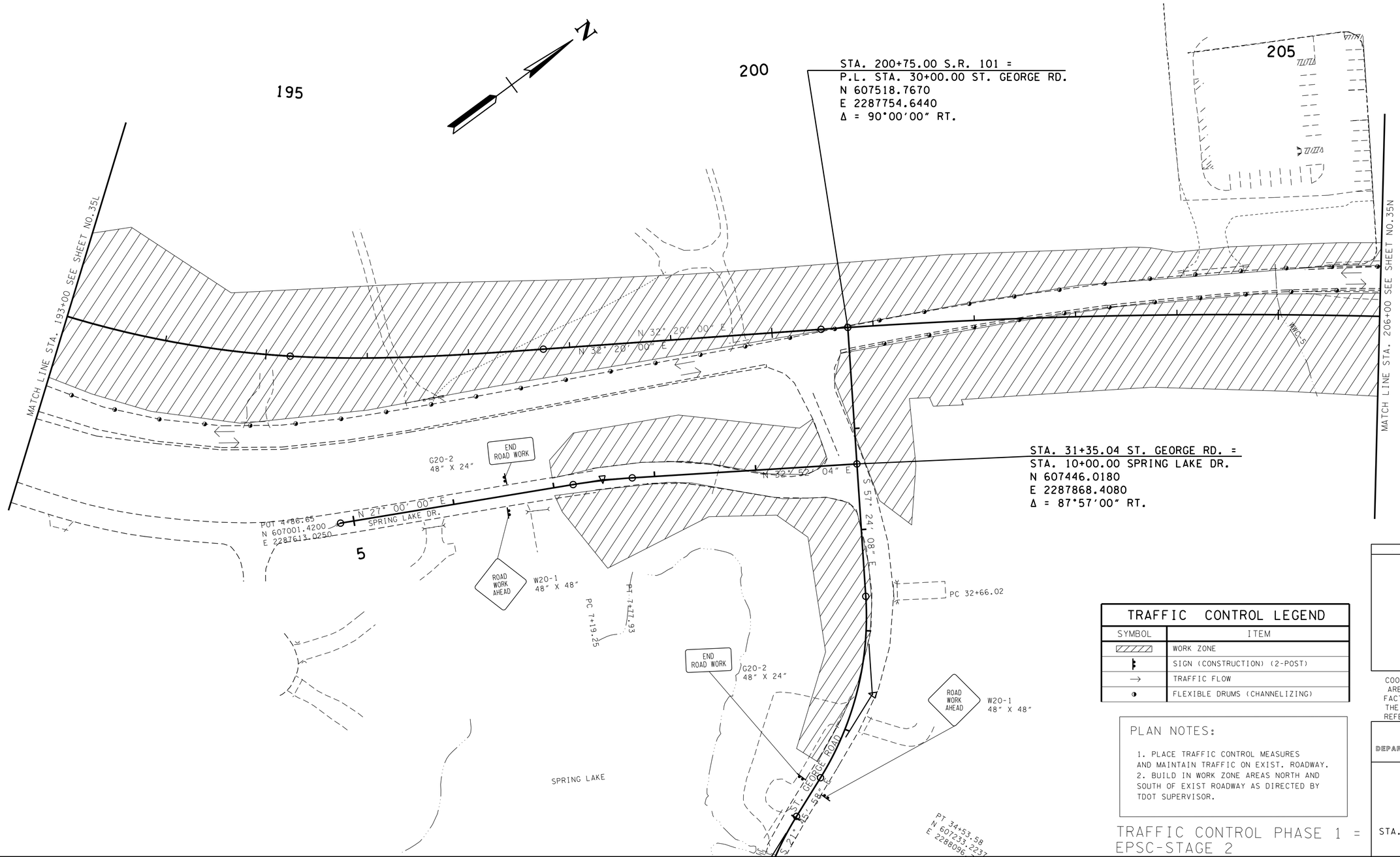
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35M

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



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD IN WORK ZONE AREAS NORTH AND SOUTH OF EXIST ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 1 = EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.193+00 TO STA.206+00

SCALE: 1"=50'

20-MAY-2016 09:43
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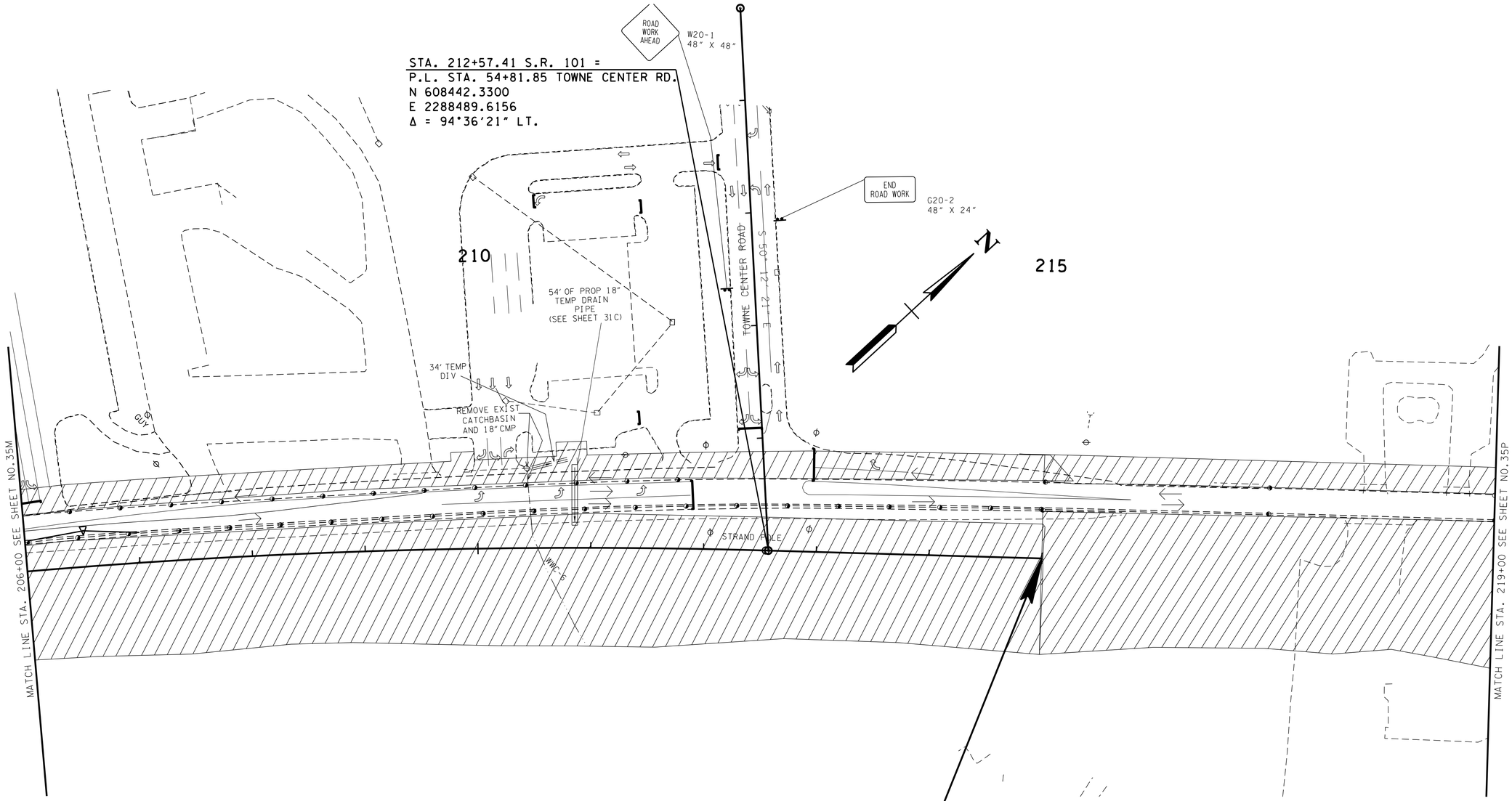
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	35N

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

STA. 212+57.41 S.R. 101 =
P.L. STA. 54+81.85 TOWNE CENTER RD.
N 608442.3300
E 2288489.6156
Δ = 94°36'21" LT.



STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(17)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)

PLAN NOTES:
1. PLACE TRAFFIC CONTROL MEASURE AND MAINTAIN TRAFFIC ON EXIST. ROADWAY.
2. BUILD SOUTH SIDE OF PROJECT AS DIRECTED BY T.D.O.T SUPERVISOR.

TRAFFIC CONTROL PHASE 1 =
EPSC-STAGE 2

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B31(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STA.206+00 TO STA.219+00
SCALE: 1"=50'

20-MAY-2016 09:43
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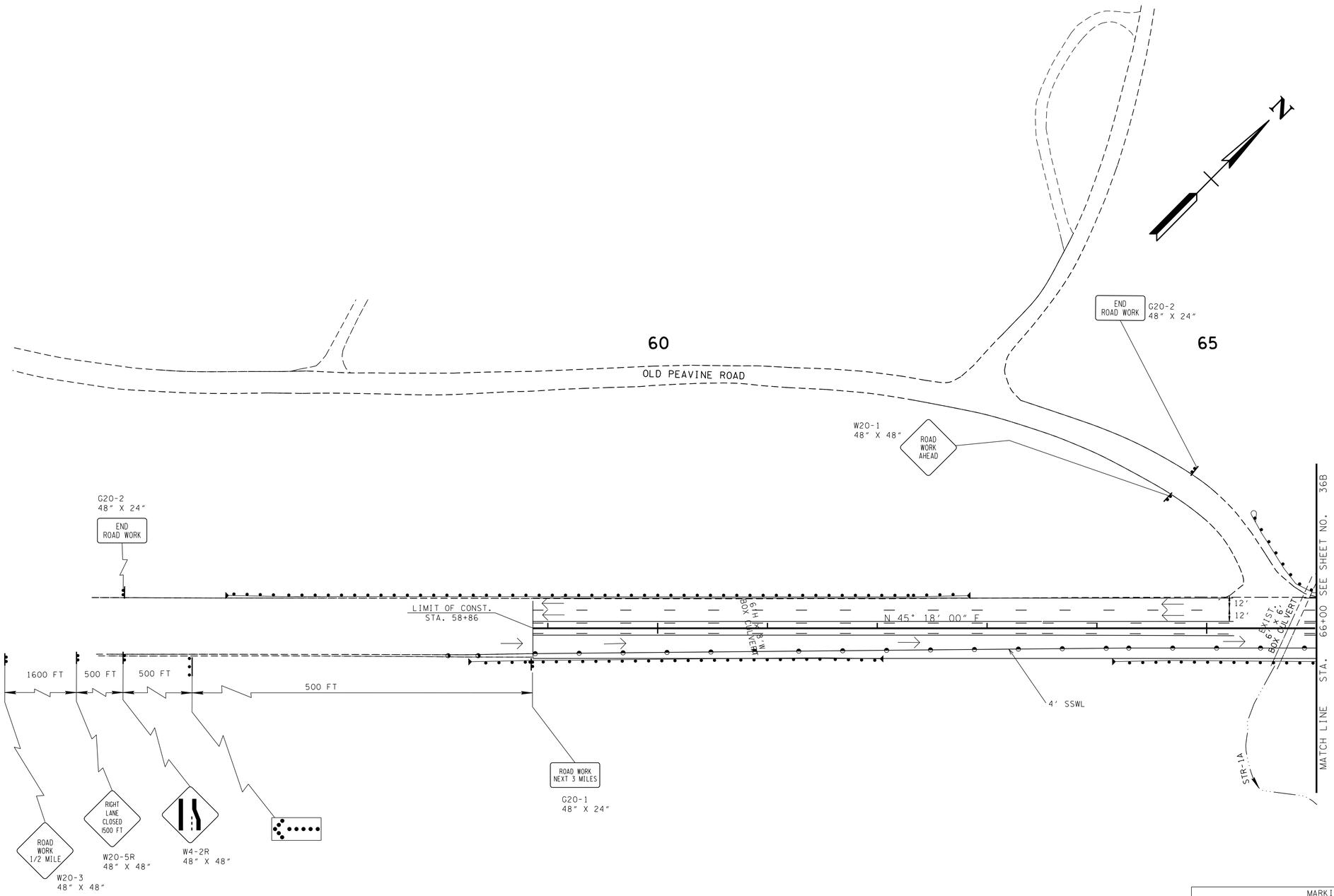
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36A

REV 01-15-16: REMOVE NOTES WITH ADJUST GR AND ADDED PROP GR REPLACING EXIST GR PER CONST REQ.



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)

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

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES AND DETOUR TRAFFIC.
2. FINISH RDY AS DIRECTED BY T.D.O.T SUPERVISOR.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.56+00 TO STA.66+00

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36B

REV 01-15-16: ADDED PROP GR PER CONST REQ.

SPECIAL NOTES

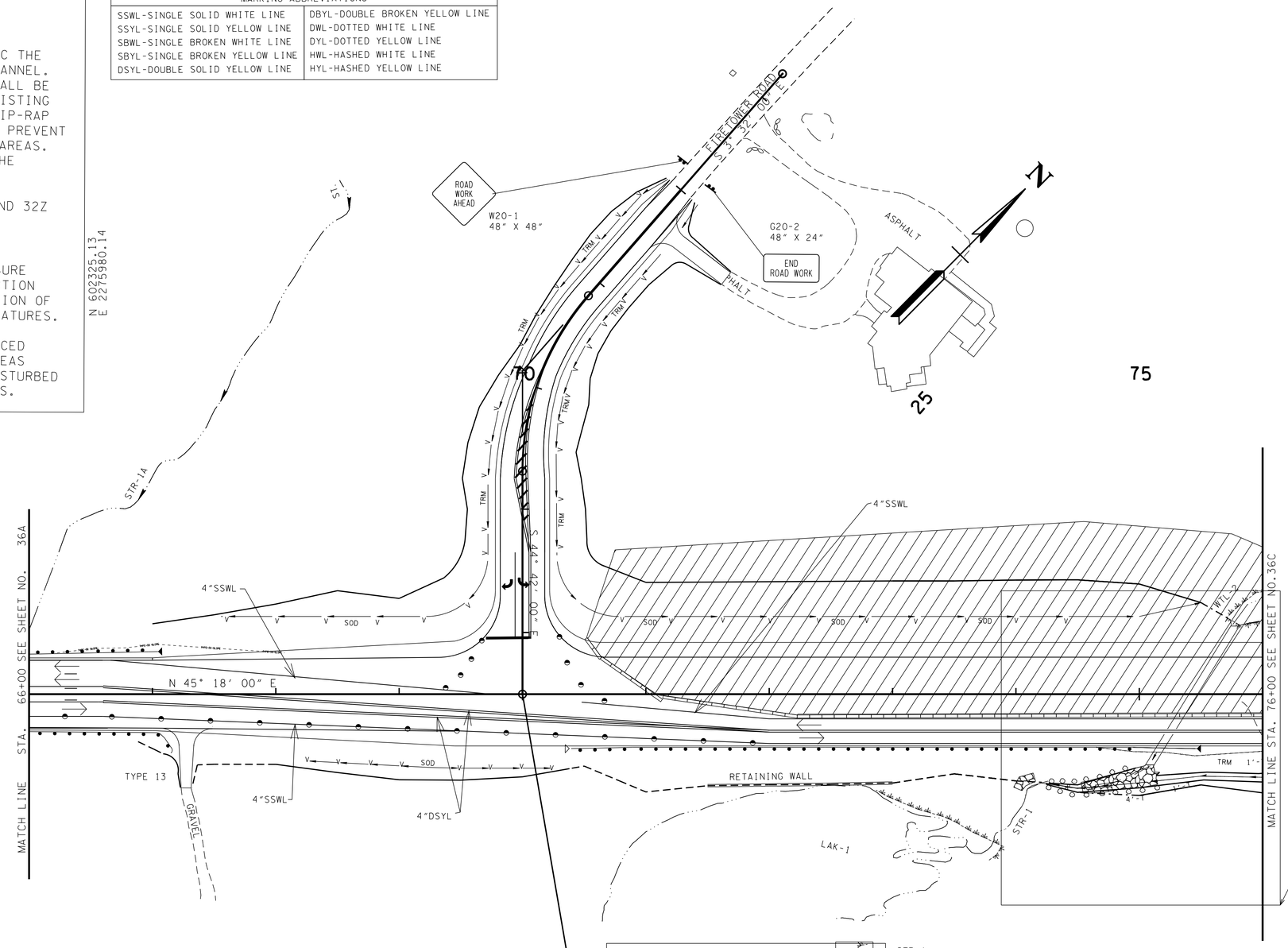
RIP-RAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIP-RAP SHALL BE FILL WITH CREEK GRAVEL TO PREVENT LOSS OF STREAM WITHIN THE RIP-RAP AREAS. CREEK GRAVEL CAN BE REMOVED FROM THE CULVERT EXCAVATION AREA.

FOR TREE PLANTINGS SEE SHEET 32Y AND 32Z FOR WETLAND AND STREAM MITIGATION INFORMATION.

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

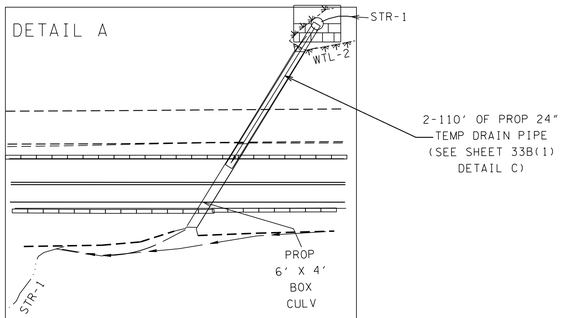
HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

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



STA. 70+00.00 S.R. 101 =
STA. 29+50.00 FIRETOWER RD.
N 602565.2800
E 2276222.3070
Δ = 90°00'00" RT.

DETAIL A



1. BUILD REMAINING PROP 6' X 4' BOX CULV AROUND TEMP DRAIN PIPE.
2. REMOVE SUSPENDED PIPE DIV. AND DIVERT STR-1 INTO PROP 6' X 4' BOX CULV. AS DIRECTED BY T.D.O.T SUPERVISOR.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	WORK ZONE
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
× HVF × HVF	HIGH VISIBILITY FENCE	S-F-1

DETAIL A

PLAN NOTES:
1. PLACE TRAFFIC CONTROL MEASURES AND DETOUR TRAFFIC.
2. SEE DETAIL A.
3. BUILD IN WORK ZONE AREA AND FINISH ROADWAY AS DIRECTED BY TDOT SUPERVISOR.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.66+00 TO STA.76+00

SCALE: 1"=50'

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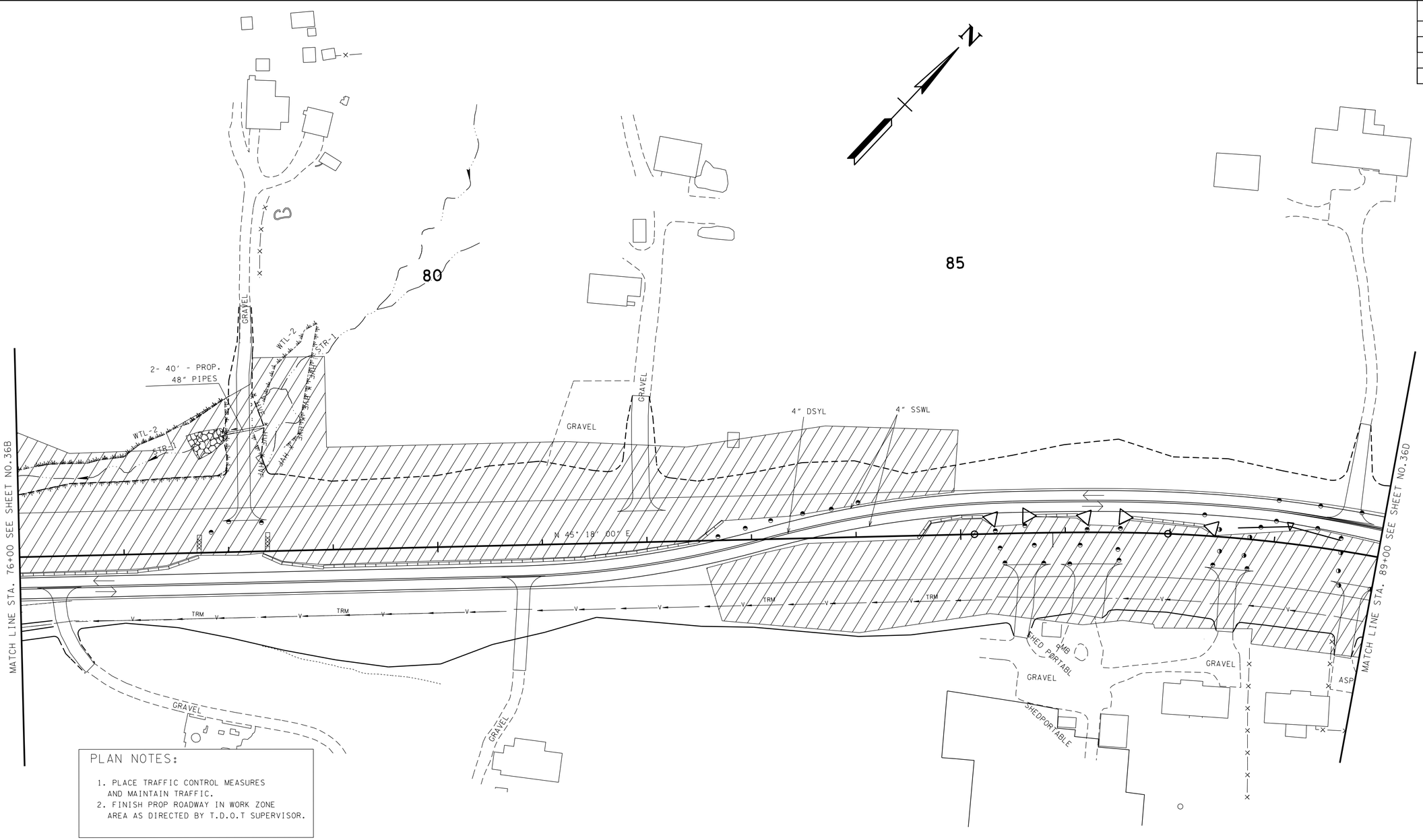
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36C



PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC.
2. FINISH PROP ROADWAY IN WORK ZONE AREA AS DIRECTED BY T.D.O.T SUPERVISOR.

SPECIAL NOTES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE NON-IMPACTED WATER QUALITY FEATURES.

HIGH VISIBILITY FENCE SHALL BE PLACED ALONG THE WATER QUALITY FEATURE AREAS (WITHIN ROW) THAT ARE NOT TO BE DISTURBED BEFORE CONSTRUCTION ACTIVITY BEGINS.

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	TEMPORARY BARRICADE (TYPE III)

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

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.76+00 TO STA.89+00

SCALE: 1"=50'

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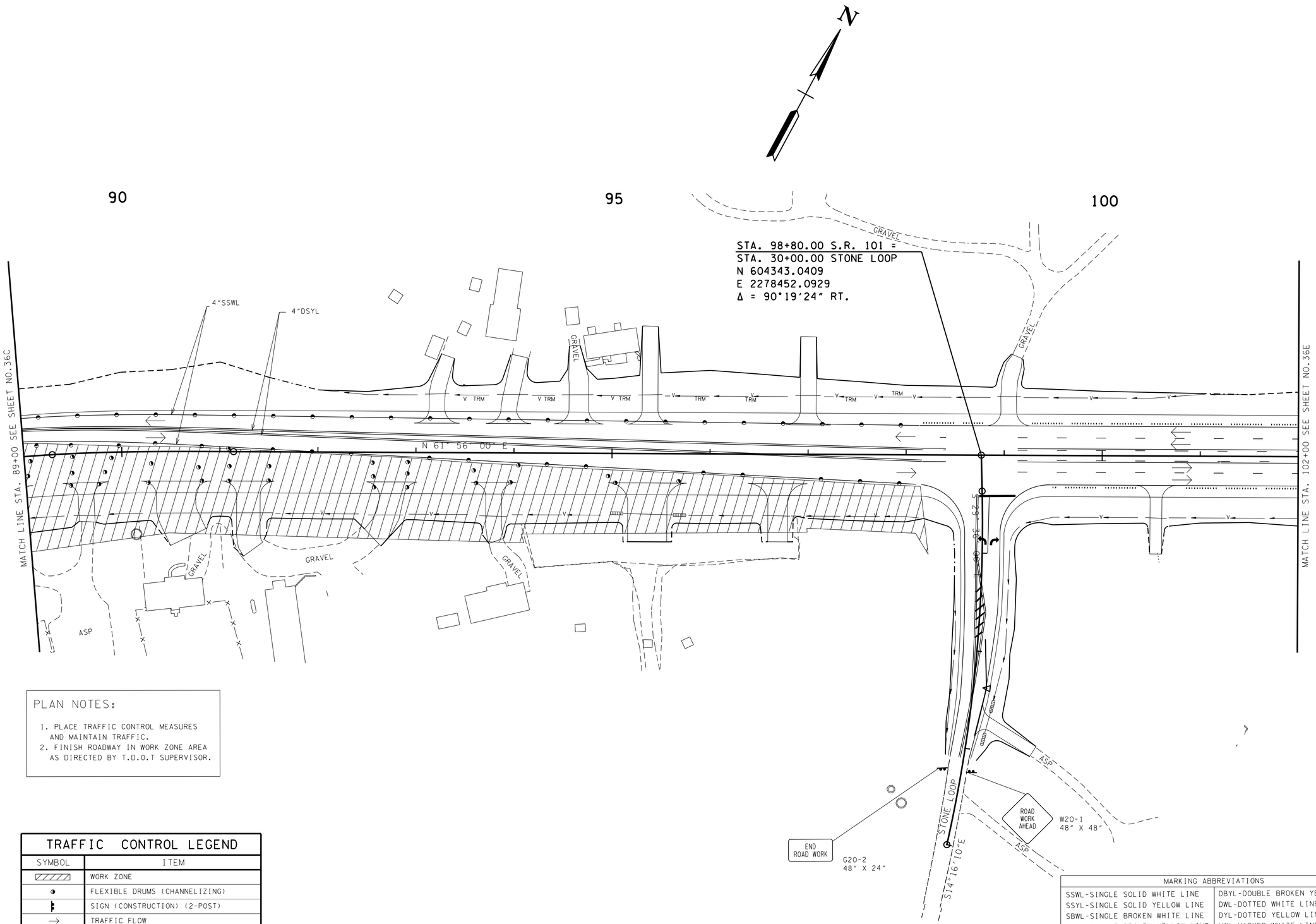
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36D

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



PLAN NOTES:

1. PLACE TRAFFIC CONTROL MEASURES AND MAINTAIN TRAFFIC.
2. FINISH ROADWAY IN WORK ZONE AREA AS DIRECTED BY T.D.O.T SUPERVISOR.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW

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

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.89+00 TO STA.102+00

SCALE: 1"=50'

08-JUN-2016 12:05
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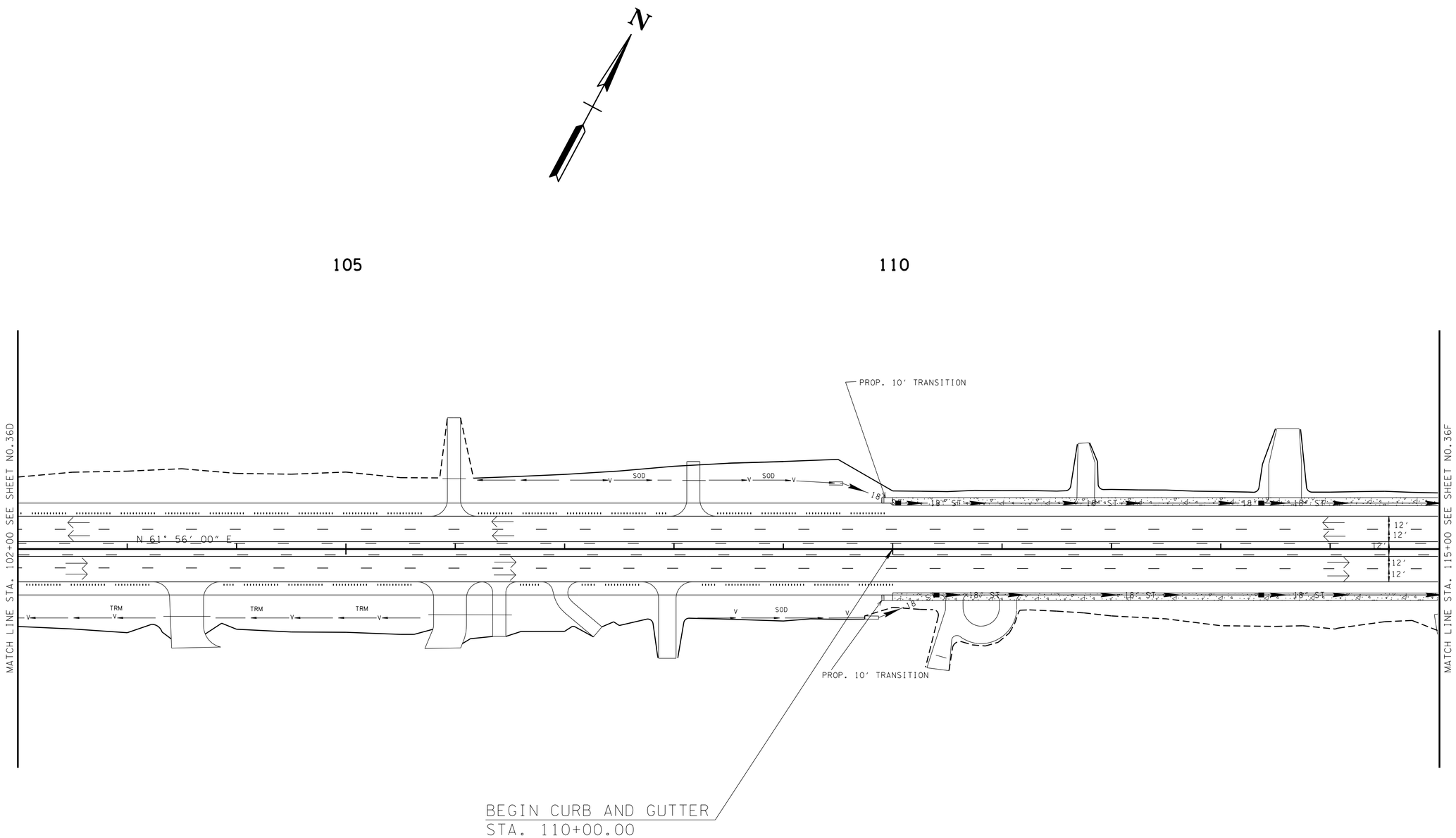
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36E



PHASE NOTES

1.PLACE TRAFFIC CONTROL MEASURES.
2.FINISH ROAD.

TRAFFIC CONTROL PHASE 2 =
EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLAN

STA.102+00 TO STA.115+00

SCALE: 1"=50'

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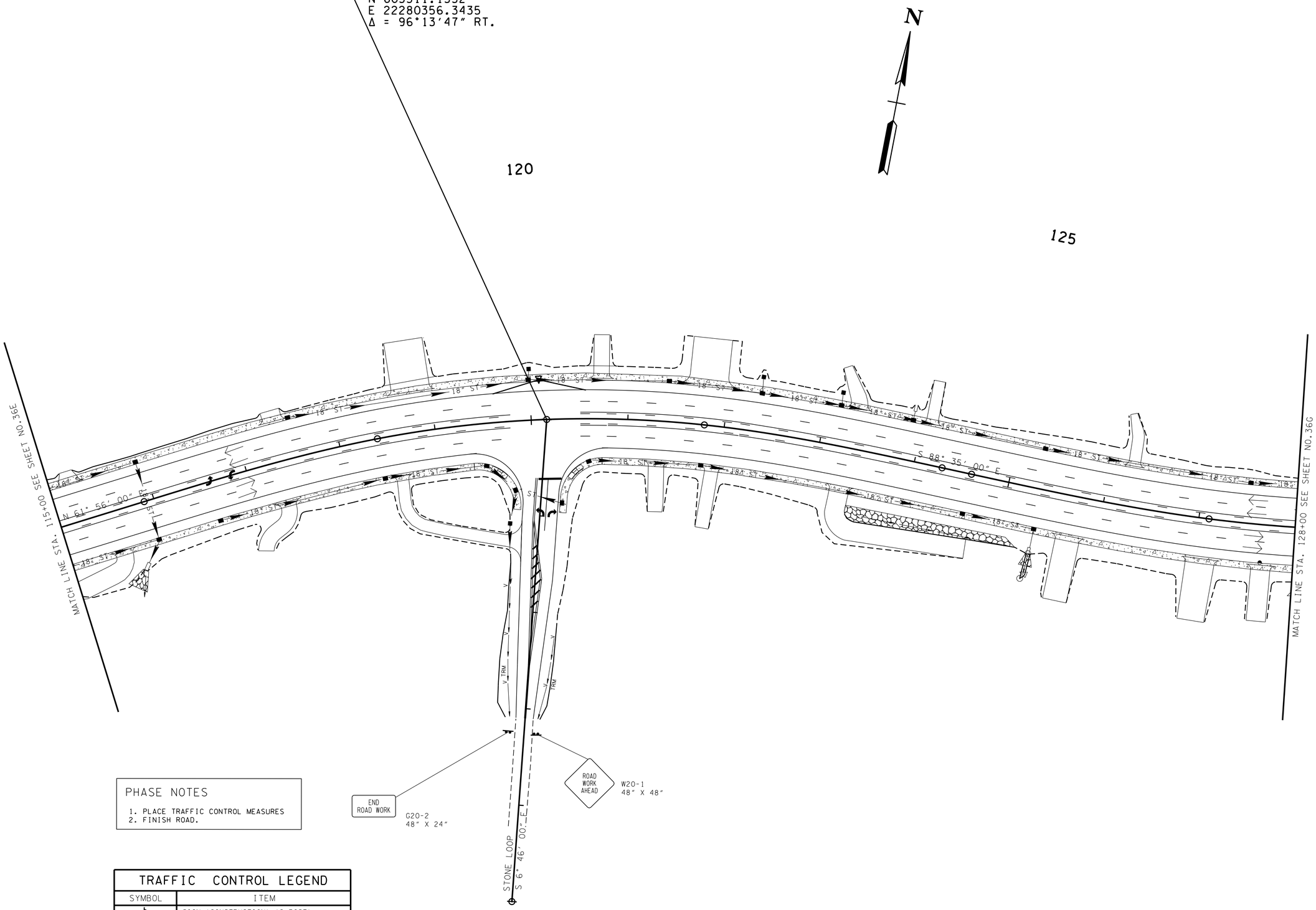
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36F

STA. 120+16.06 S.R. 101 =
STA. 30+00.00 STONE LOOP
N 605311.1552
E 22280356.3435
Δ = 96°13'47" RT.



PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES
2. FINISH ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW

35

TRAFFIC CONTROL PHASE 2 =
EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STA.115+00 TO STA.128+00
SCALE: 1"=50'

20-MAY-2016 09:44
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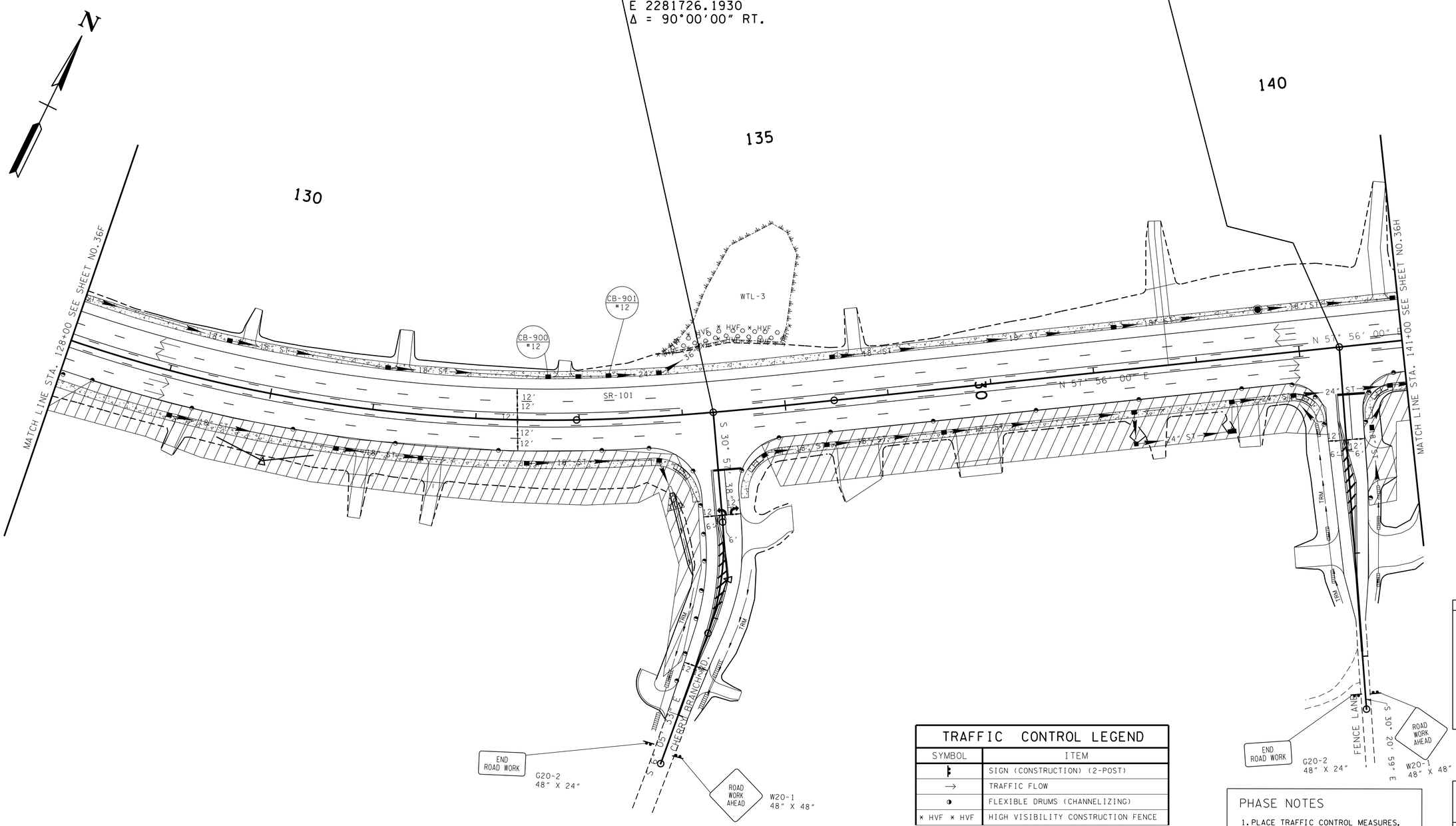
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36G

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

STA. 140+39.00 S.R. 101 =
STA. 10+00.00 FENCE LANE
N 605881.1150
E 2282242.6680
Δ = 91°43'01" RT.

STA. 134+30.00 S.R. 101 =
STA. 30+00.00 CHERRY BRANCH RD.
N 605558.4200
E 2281726.1930
Δ = 90°00'00" RT.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	FLEXIBLE DRUMS (CHANNELIZING)
* HVF * HVF	HIGH VISIBILITY CONSTRUCTION FENCE

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES, REMOVE STRIPING FROM PHASE 2, AND MAINTAIN TRAFFIC ON PROP 5 LN ROADWAY.
2. FINISH ROAD.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.128+00 TO STA.141+00

SCALE: 1"=50'

20-MAY-2016 09:44
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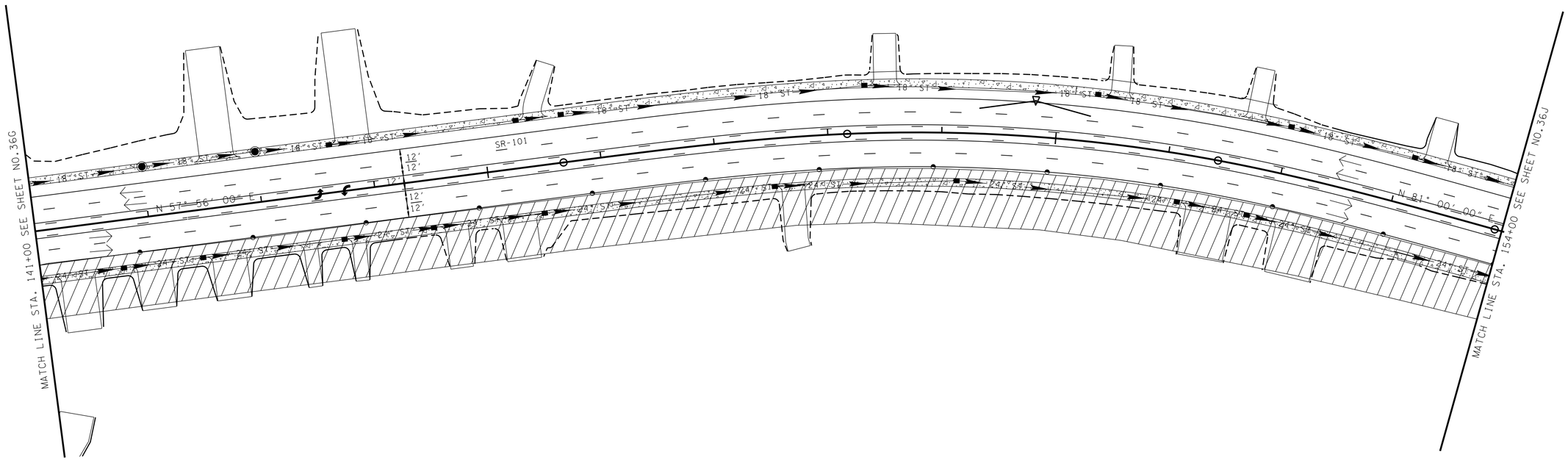
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36H

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



PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES.
2. FINISH ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW

N

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA. 141+00 TO STA. 154+00

SCALE: 1"=50'

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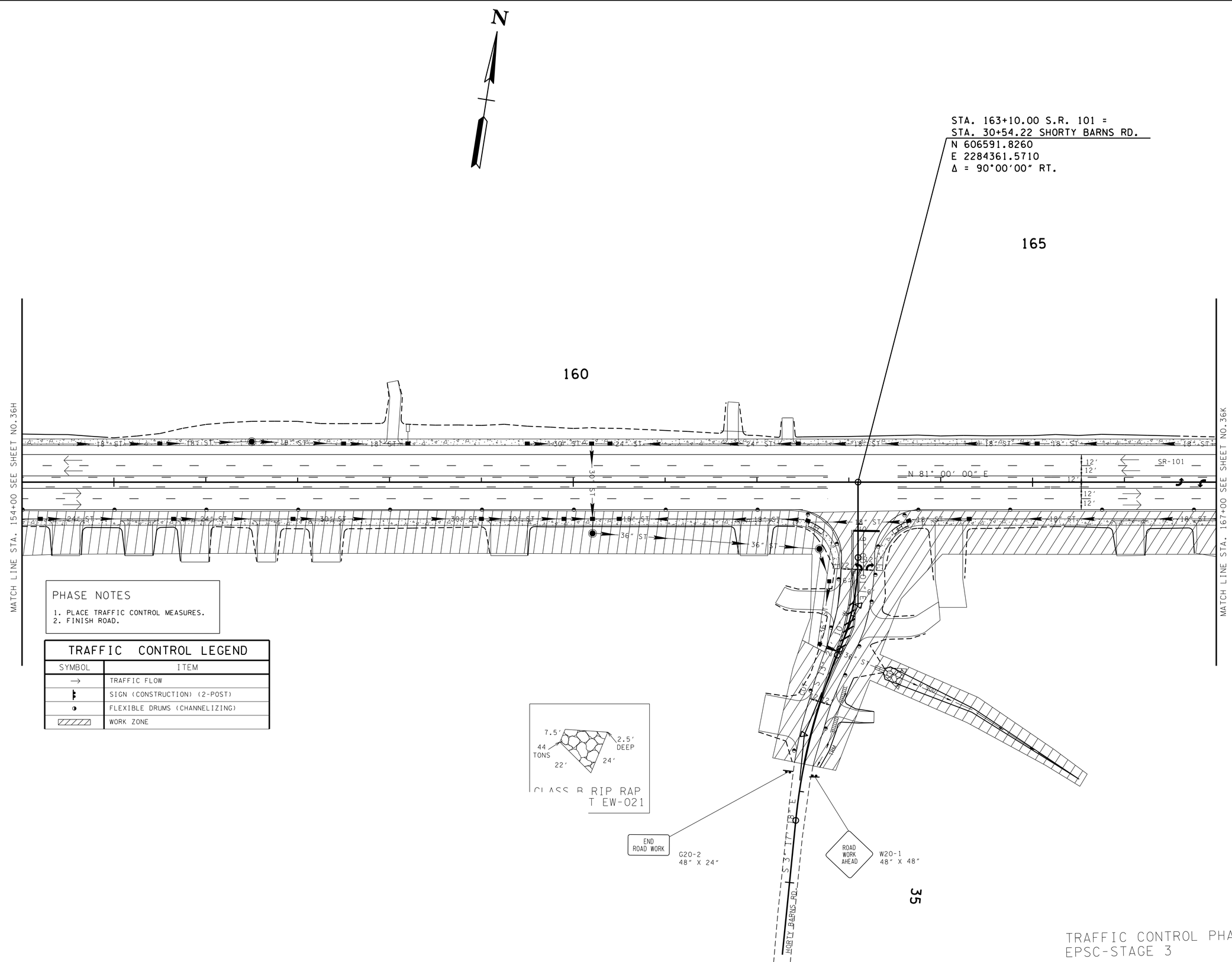
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36J

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



TRAFFIC CONTROL PHASE 2 =
EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.154+00 TO STA.167+00

SCALE: 1"=50'

20-MAY-2016 09:44
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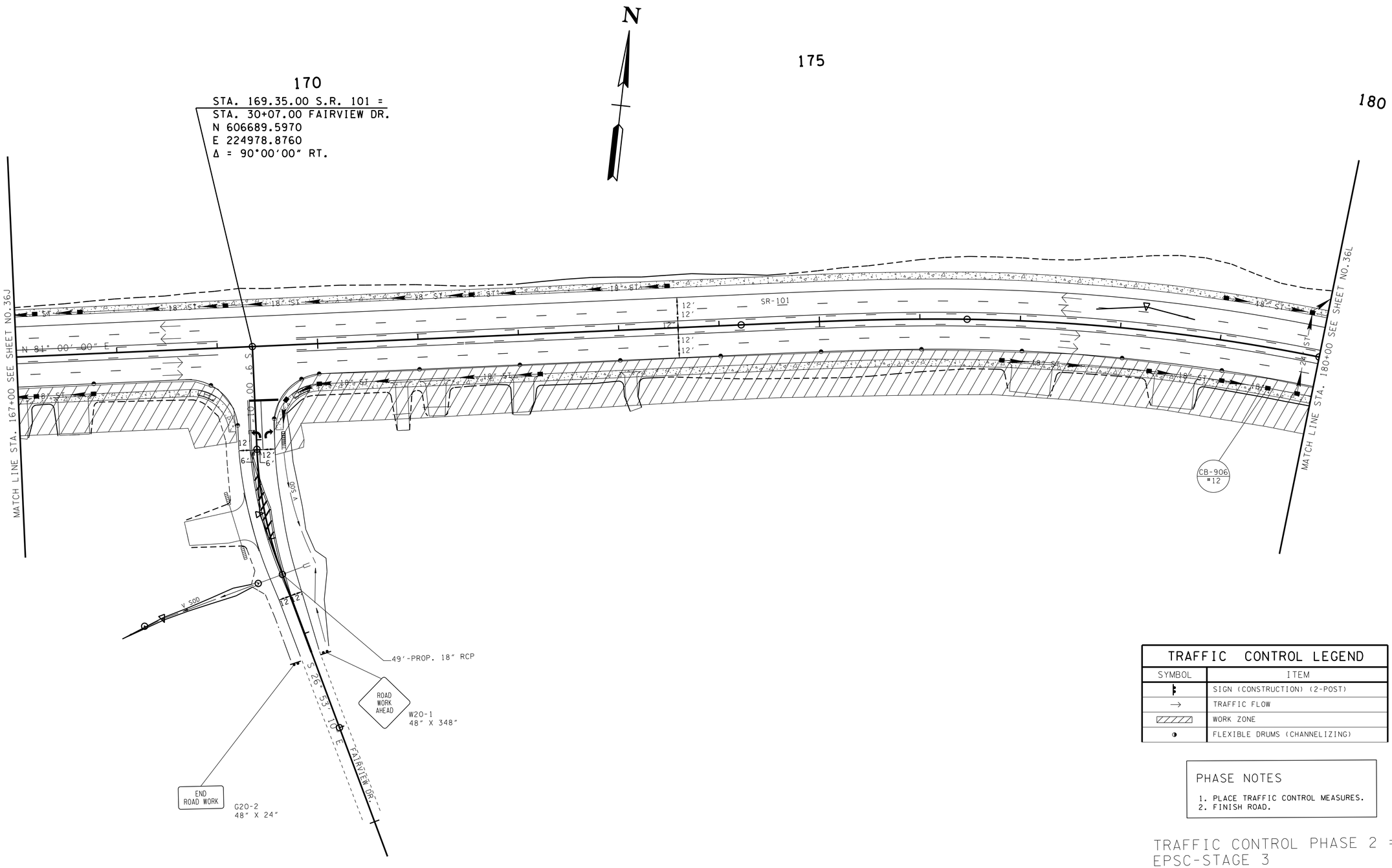
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36K



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES.
2. FINISH ROAD.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.167+00 TO STA.180+00

SCALE: 1"=50'

20-MAY-2016 09:44
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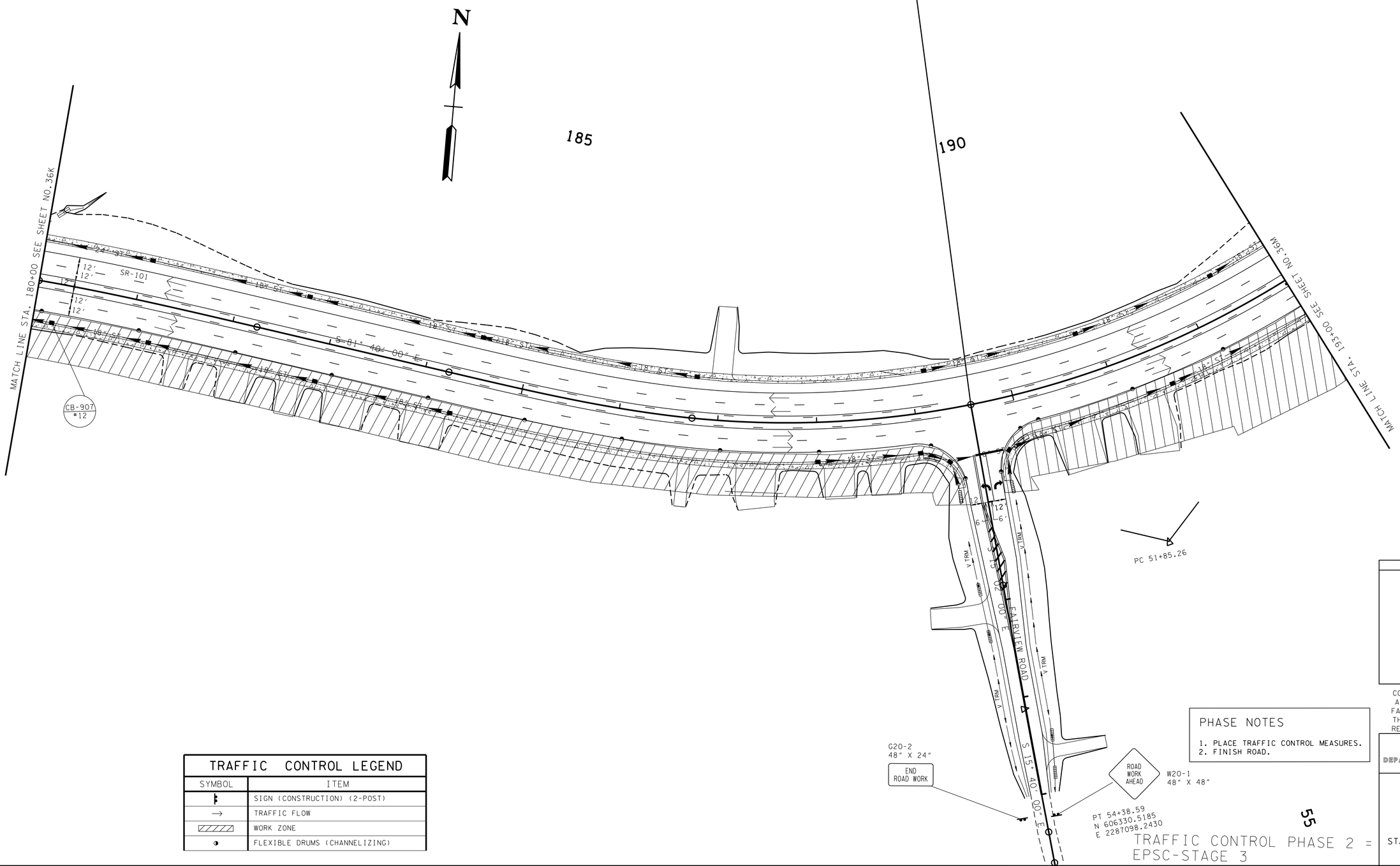
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36L

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

STA. 189+56.86 S.R. 101 =
P.L. STA. 50+00.00 FAIRVIEW ROAD
N 606753.7277
E 2286983.1309
Δ = 91°06'36" RT.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES.
2. FINISH ROAD.

55

TRAFFIC CONTROL PHASE 2 =
EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLAN

STA.180+00 TO STA.193+00

SCALE: 1"=50'

20-MAY-2016 09:44
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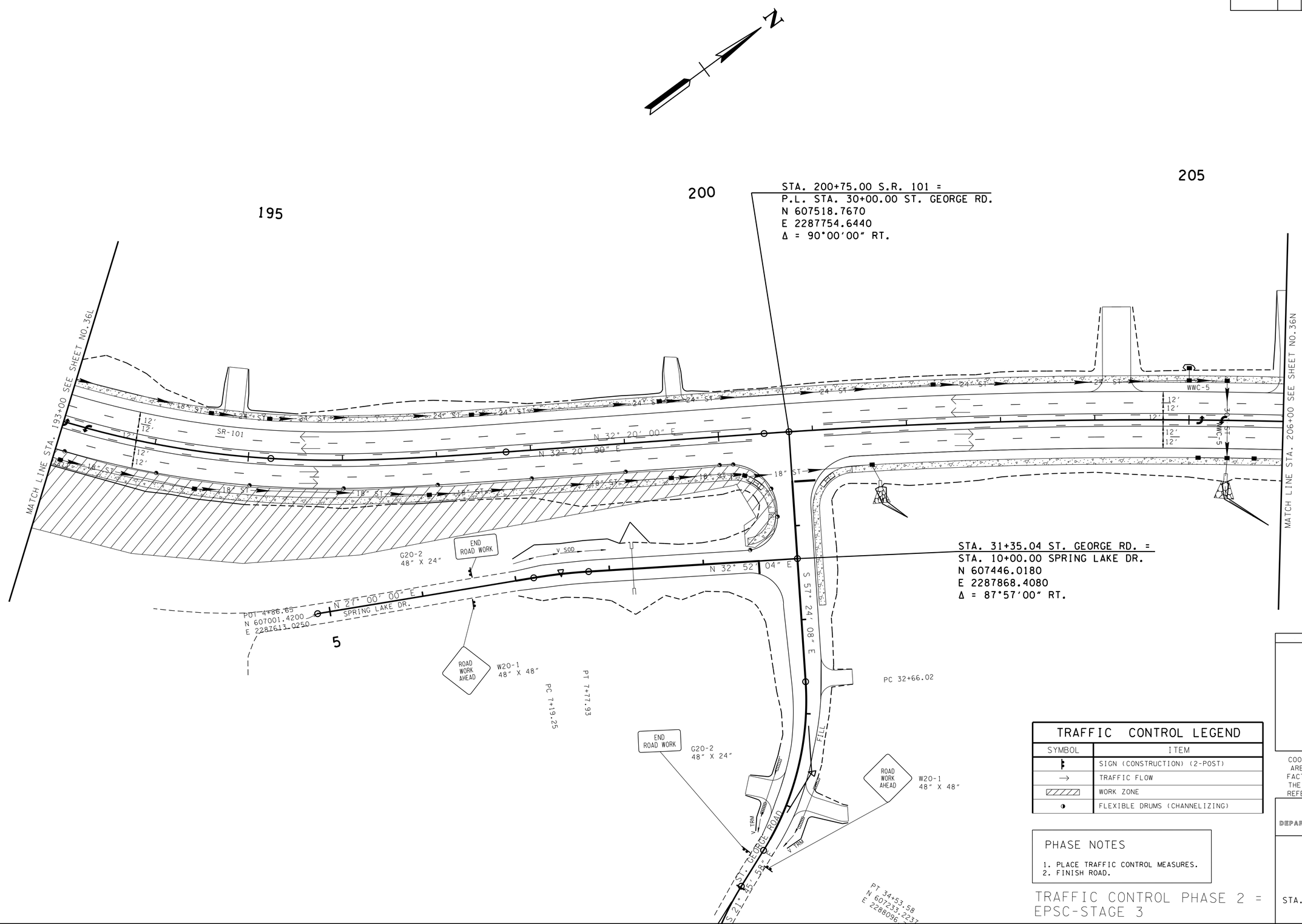
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36M

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



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES.
2. FINISH ROAD.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

STA.193+00 TO STA.206+00

SCALE: 1"=50'

20-MAY-2016 09:44
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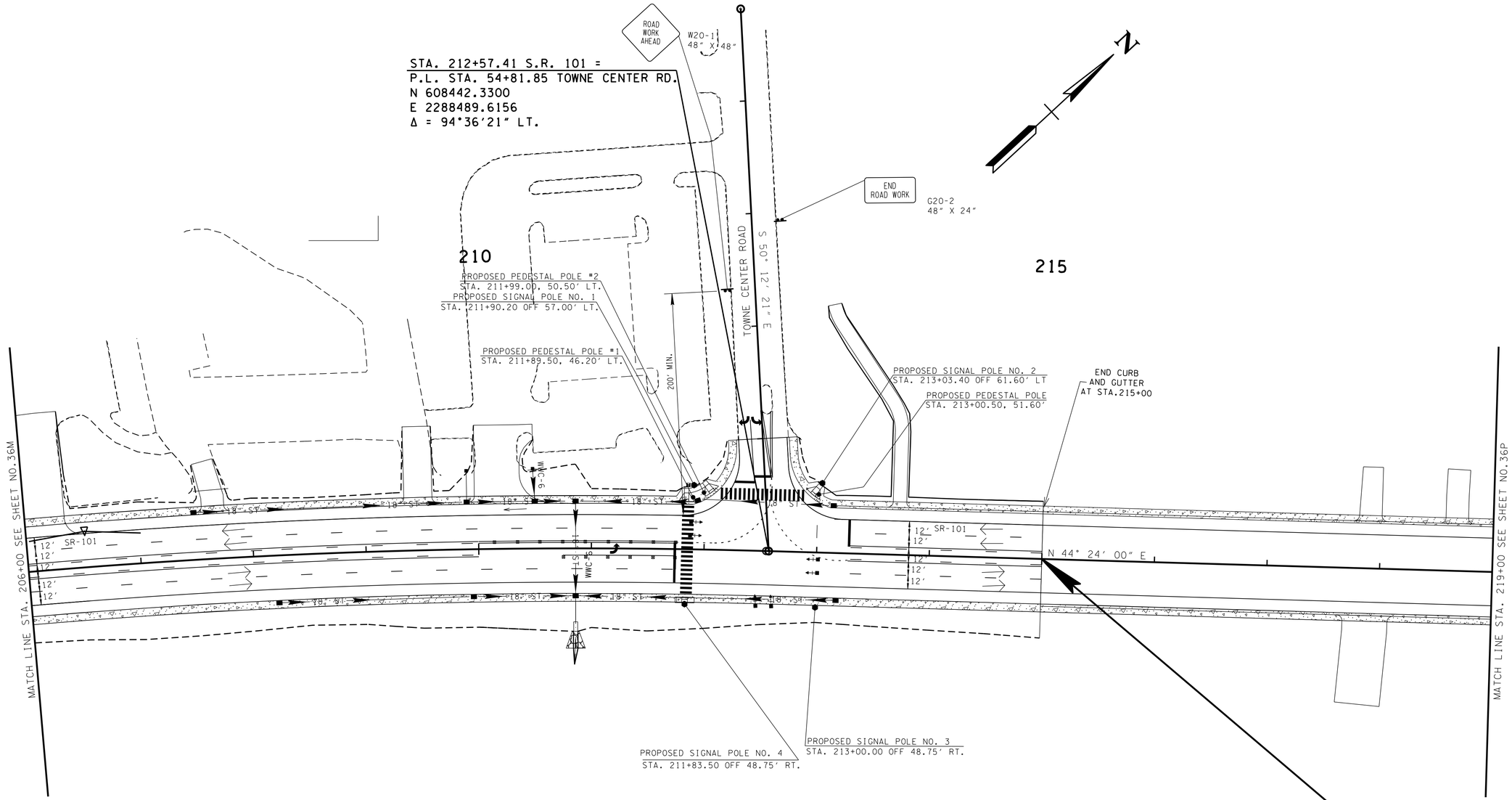
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	36N

REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.



STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(17)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION) (2-POST)
→	TRAFFIC FLOW

PHASE NOTES

1. PLACE TRAFFIC CONTROL MEASURES.
2. FINISH ROAD.

TRAFFIC CONTROL PHASE 2 = EPSC-STAGE 3

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STA.206+00 TO STA.219+00
SCALE: 1"=50'

20-MAY-2016 09:44
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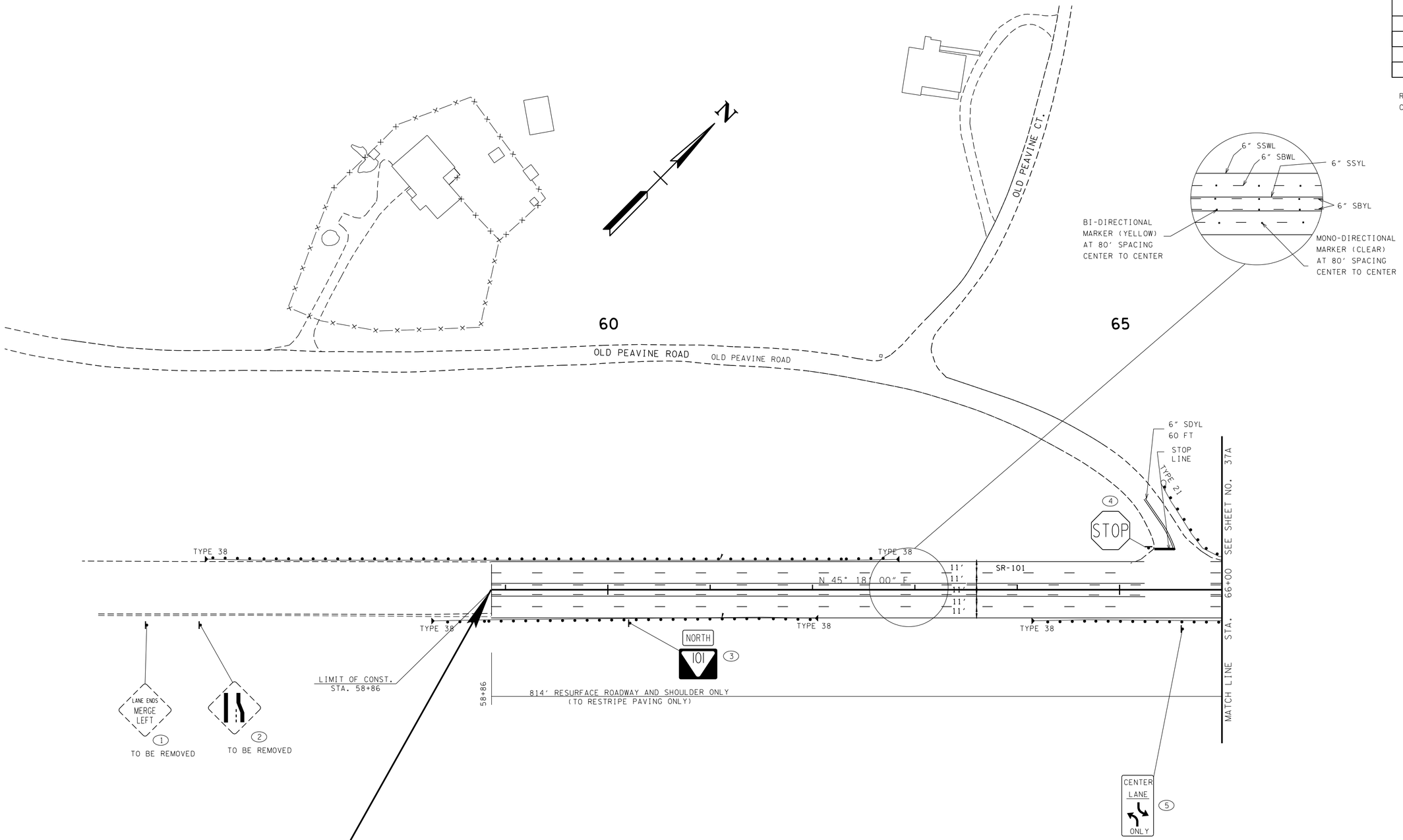
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37

REV 01-15-16: ADDED PROP GR PER CONST REQ.



STP-101(16)
BEGIN PROJECT NO. 18038-3240-14 (CONST.)
STA. 58+86.00

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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAILS

STA. 56+00 TO STA. 66+00

SCALE: 1"= 50'

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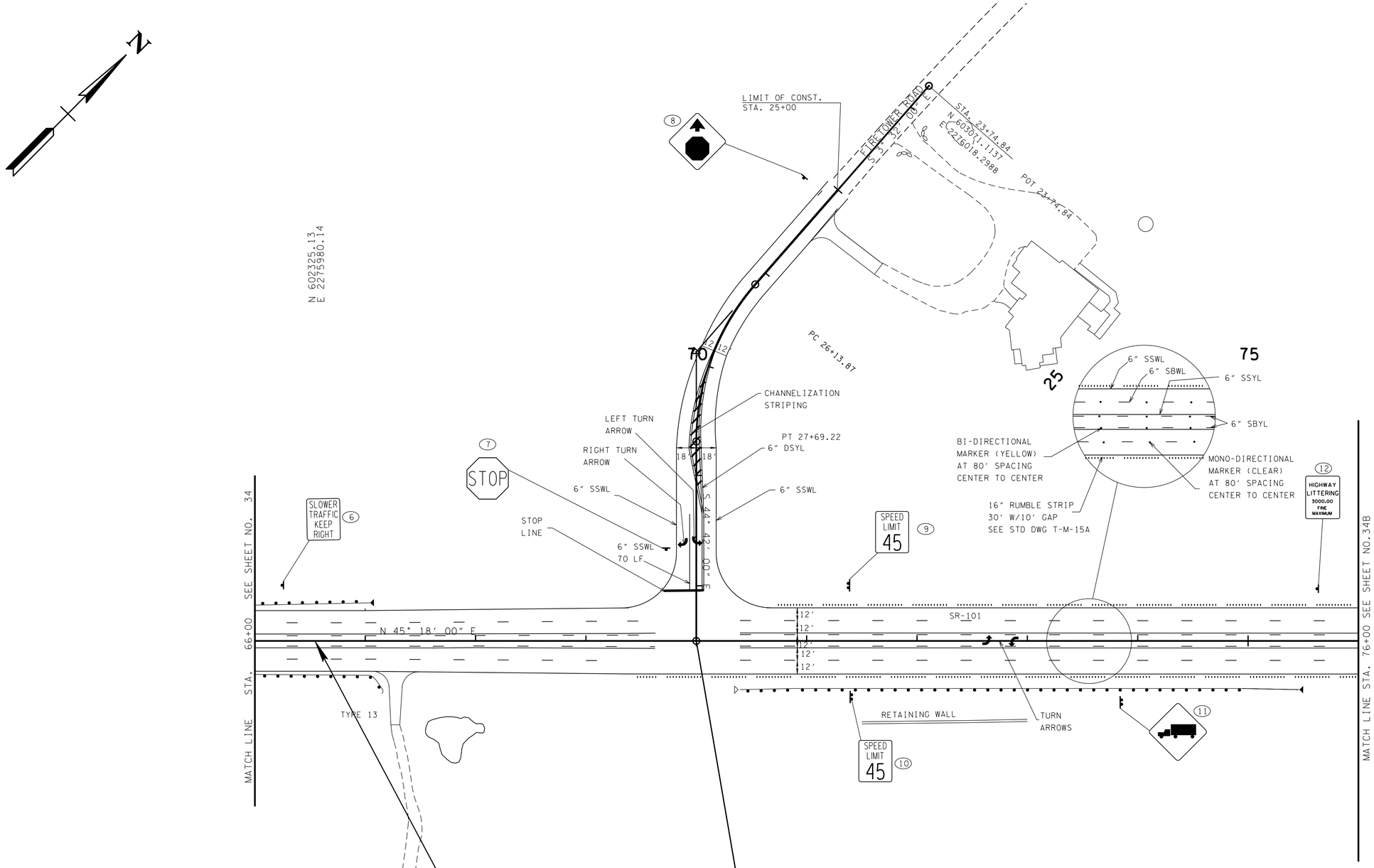
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37A

REV 01-15-16: ADDED PROP GR PER CONST REQ.



STP-101(16)

BEGIN PHASE 1 PROJ. NO. 18038-2237-14 (R.O.W.)

STA. 66+54.40

STA. 70+00.00 S.R. 101 =
STA. 29+50.00 FIRETOWER RD.
N 602565.2800
E 2276222.3070
Δ = 90°00'00" RT.

PROPOSED CURVE DATA

FIRETOWER ROAD
PI 26+95.07
N 602,751.4920
E 2,276,038.0340
Δ 41° 10' 01" (LT)
D 26° 30' 00"
R 216.21
L 155.35
T 81.20
SE 0.065 FT/FT (20 MPH)
RUNOFF 74.12' 94% INSIDE
6% OUTSIDE CURVE

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

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING PLANS

STA. 63+00 TO STA. 76+00

SCALE: 1"= 50'

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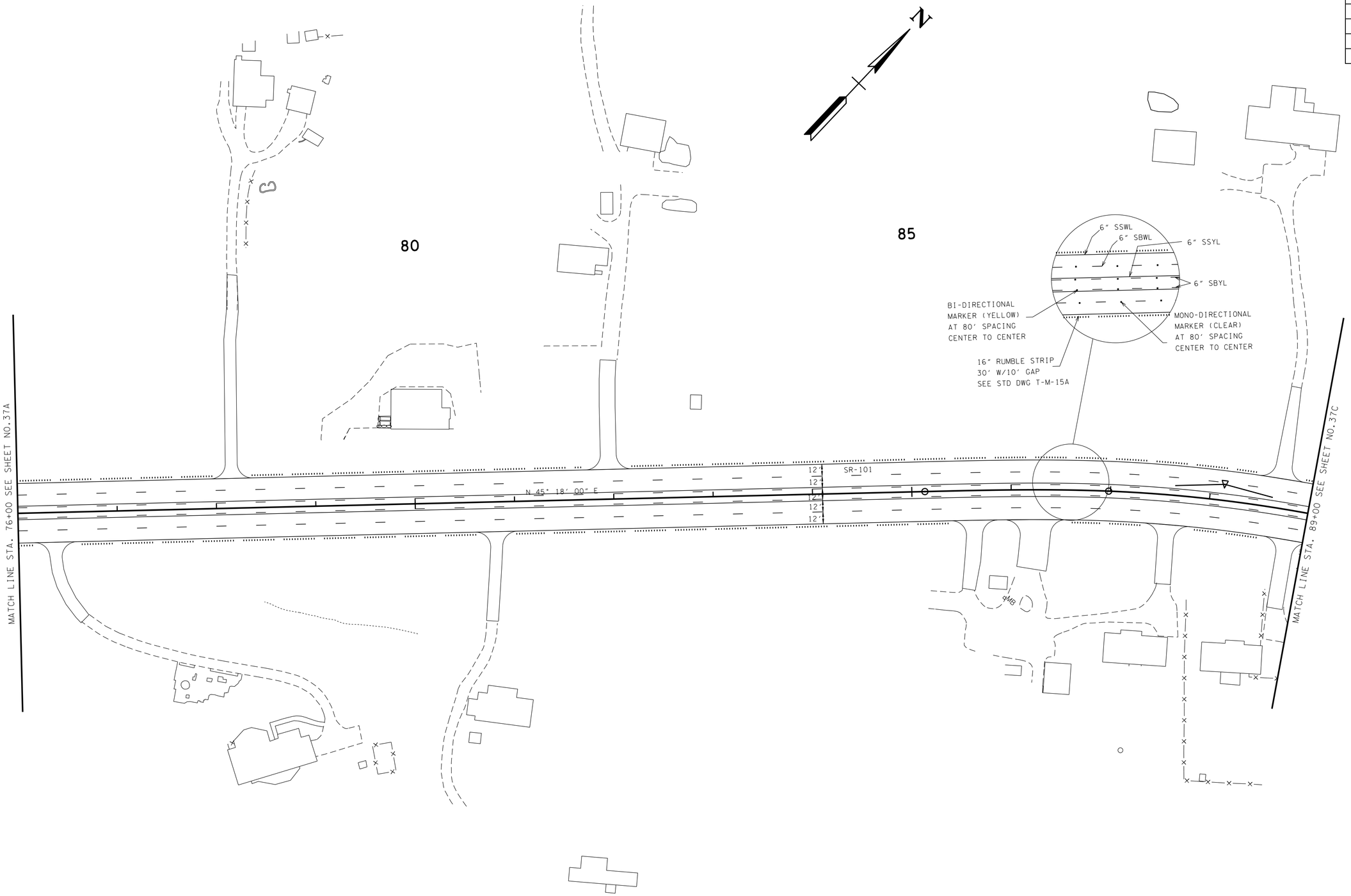
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37B

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



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

SEALED BY

CONSTRUCTABILITY
FIELD
REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 76+00 TO STA. 89+00

SCALE: 1"= 50'

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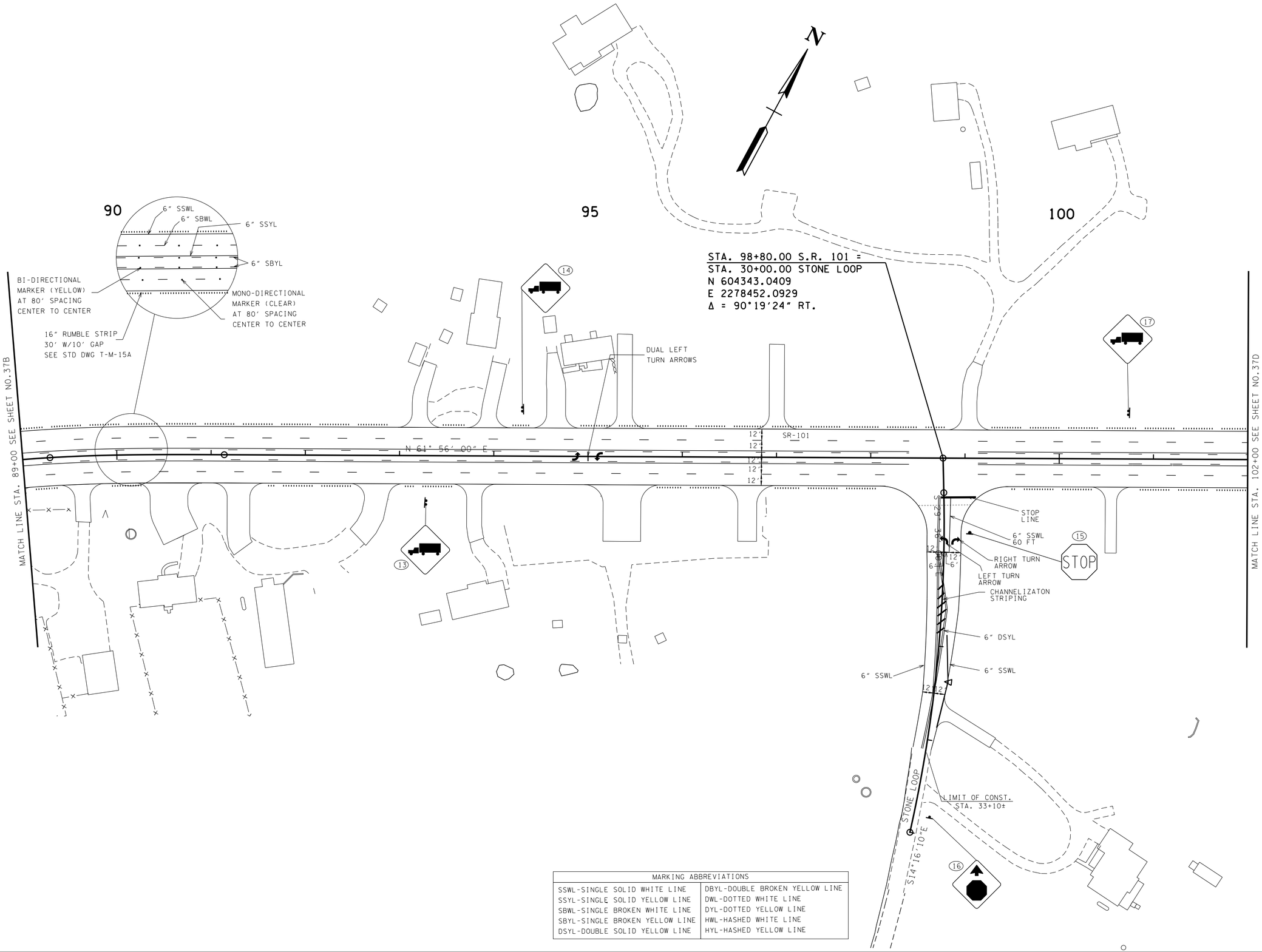
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37C

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 89+00 TO STA. 102+00

SCALE: 1"= 50'

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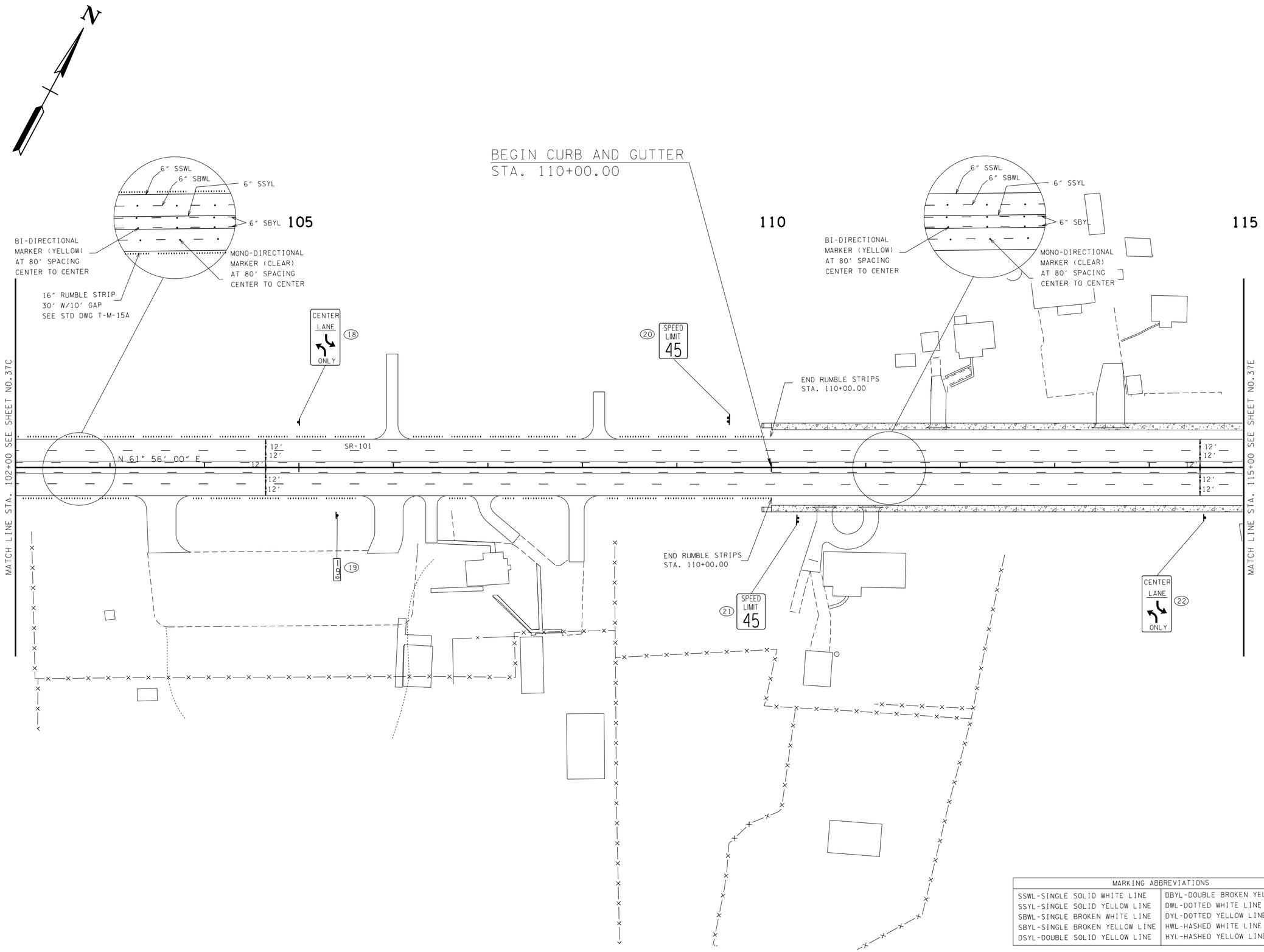
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37D



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 102+00 TO STA. 115+00

SCALE: 1"= 50'

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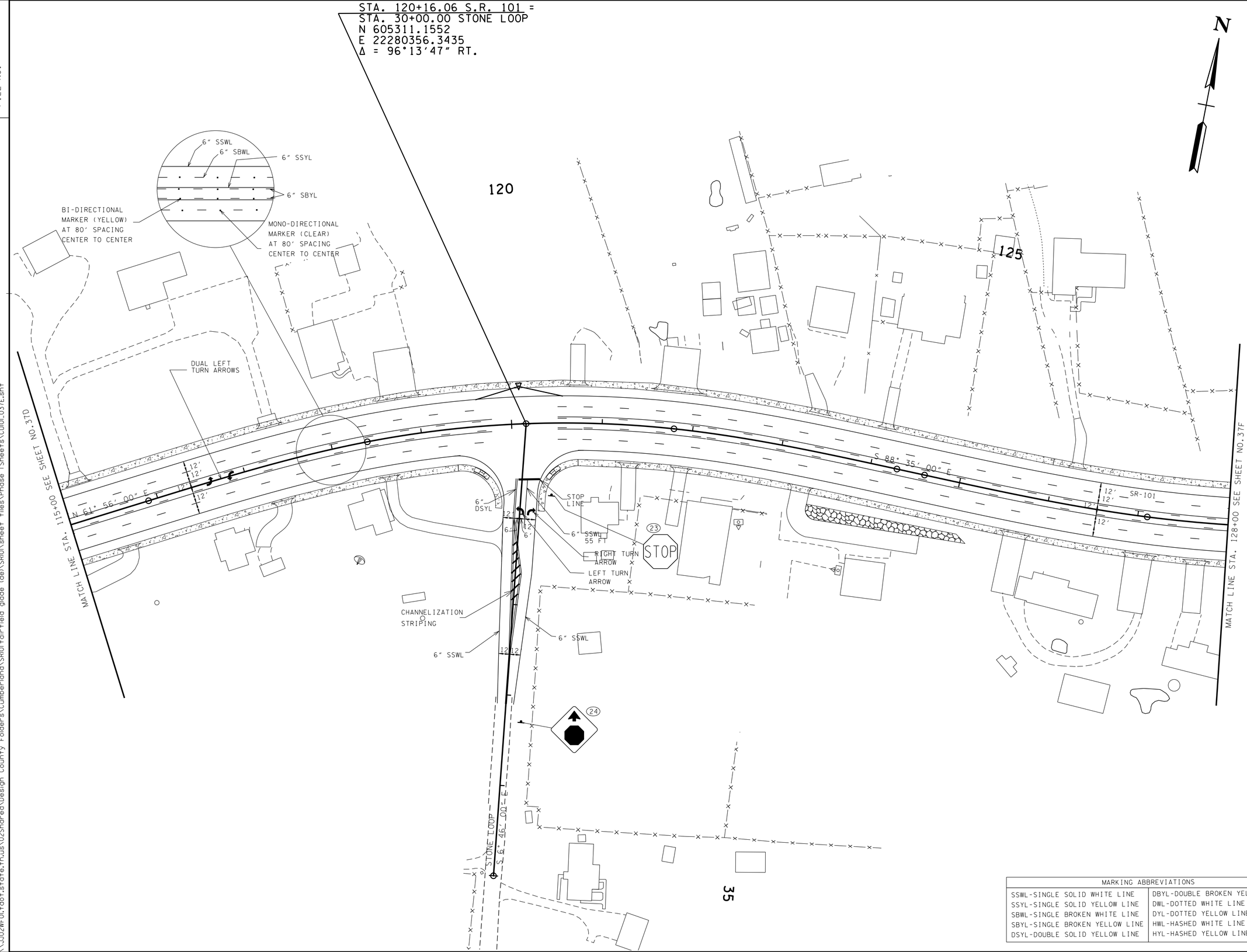
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37E



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 115+00 TO STA. 128+00

SCALE: 1"= 50'

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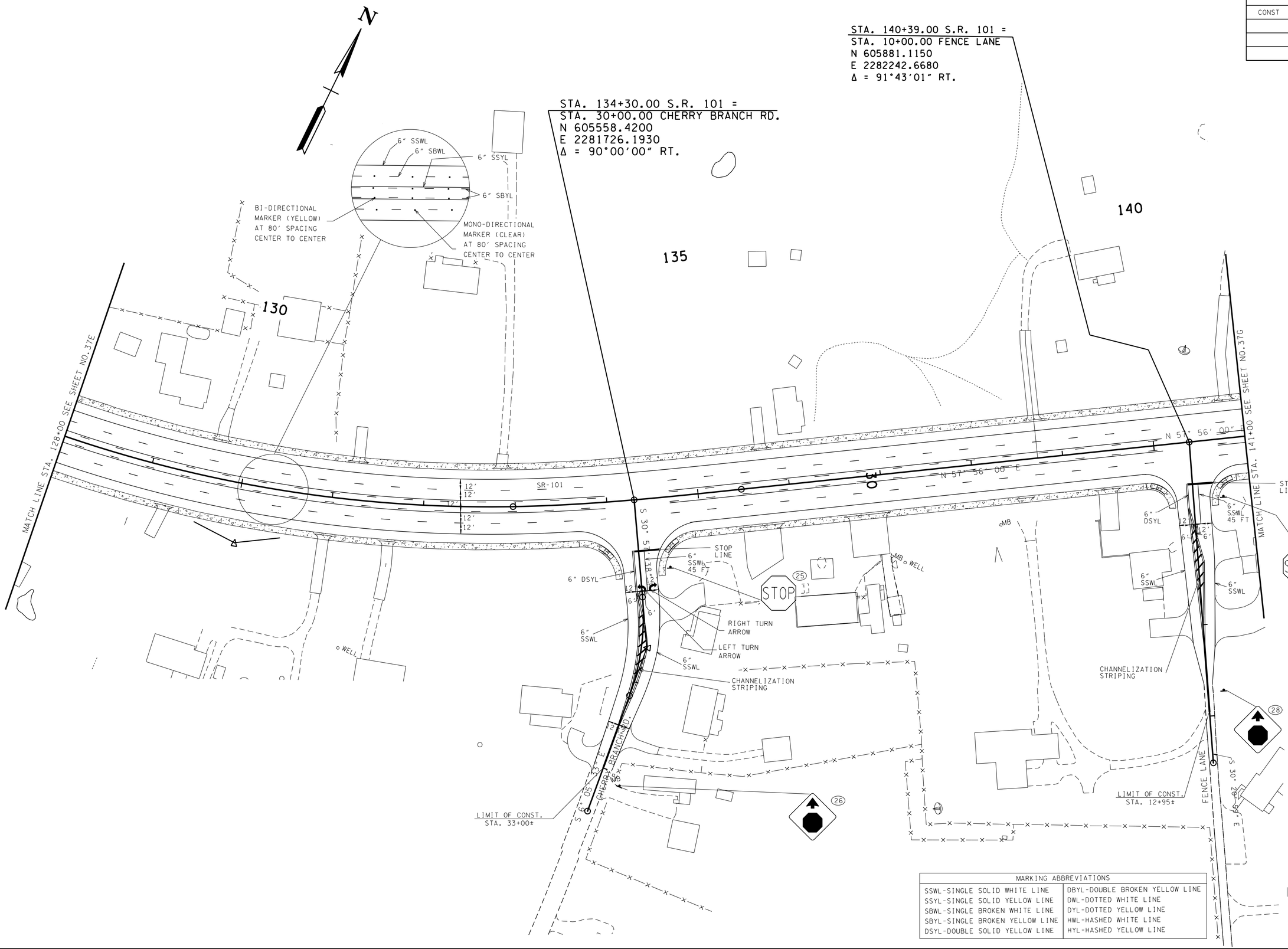
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37F

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 128+00 TO STA. 141+00

SCALE: 1"= 50'

23-MAY-2016 09:07
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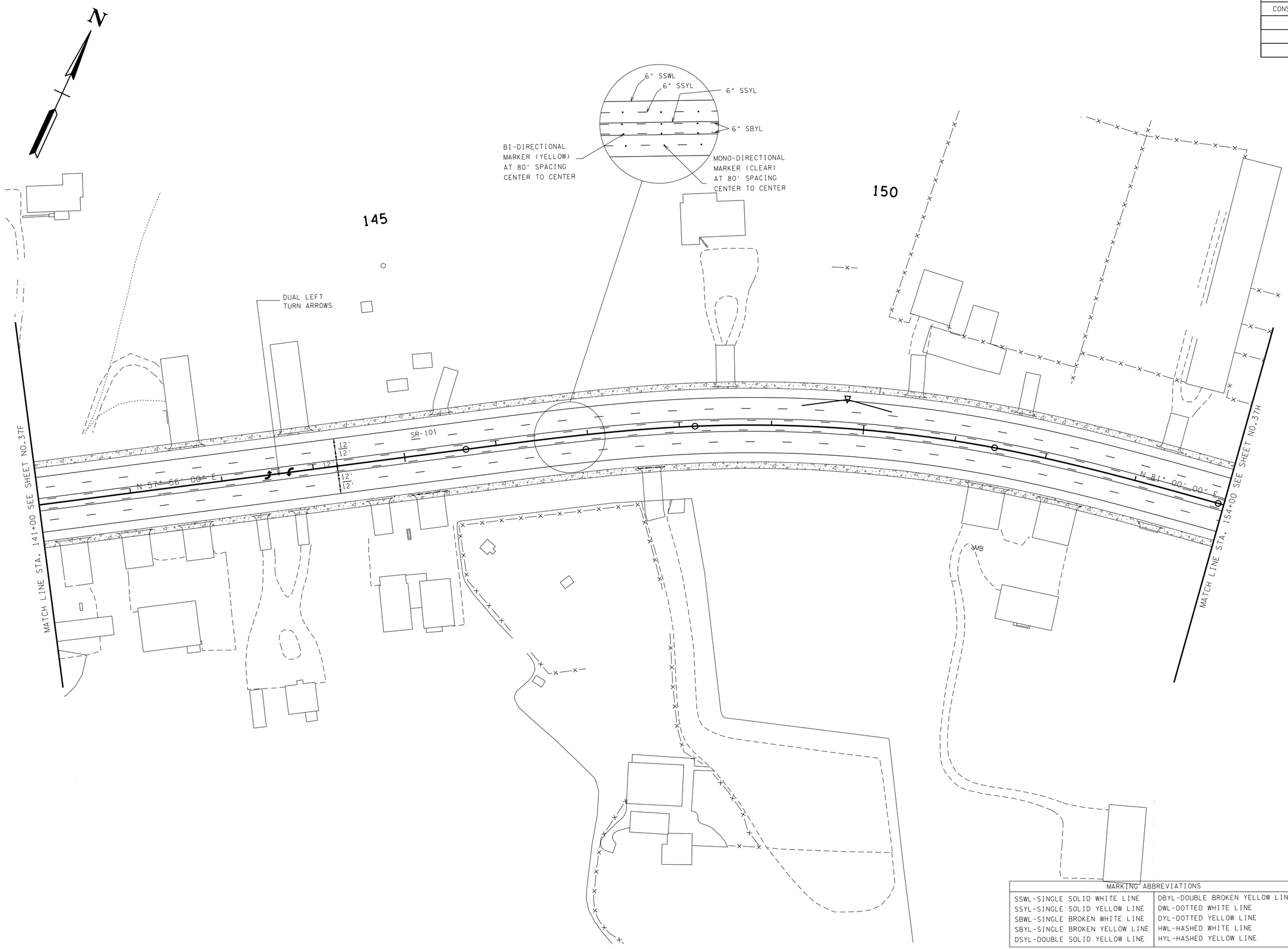
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37G

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 141+00 TO STA. 154+00

SCALE: 1"= 50'

23-MAY-2016 09:07
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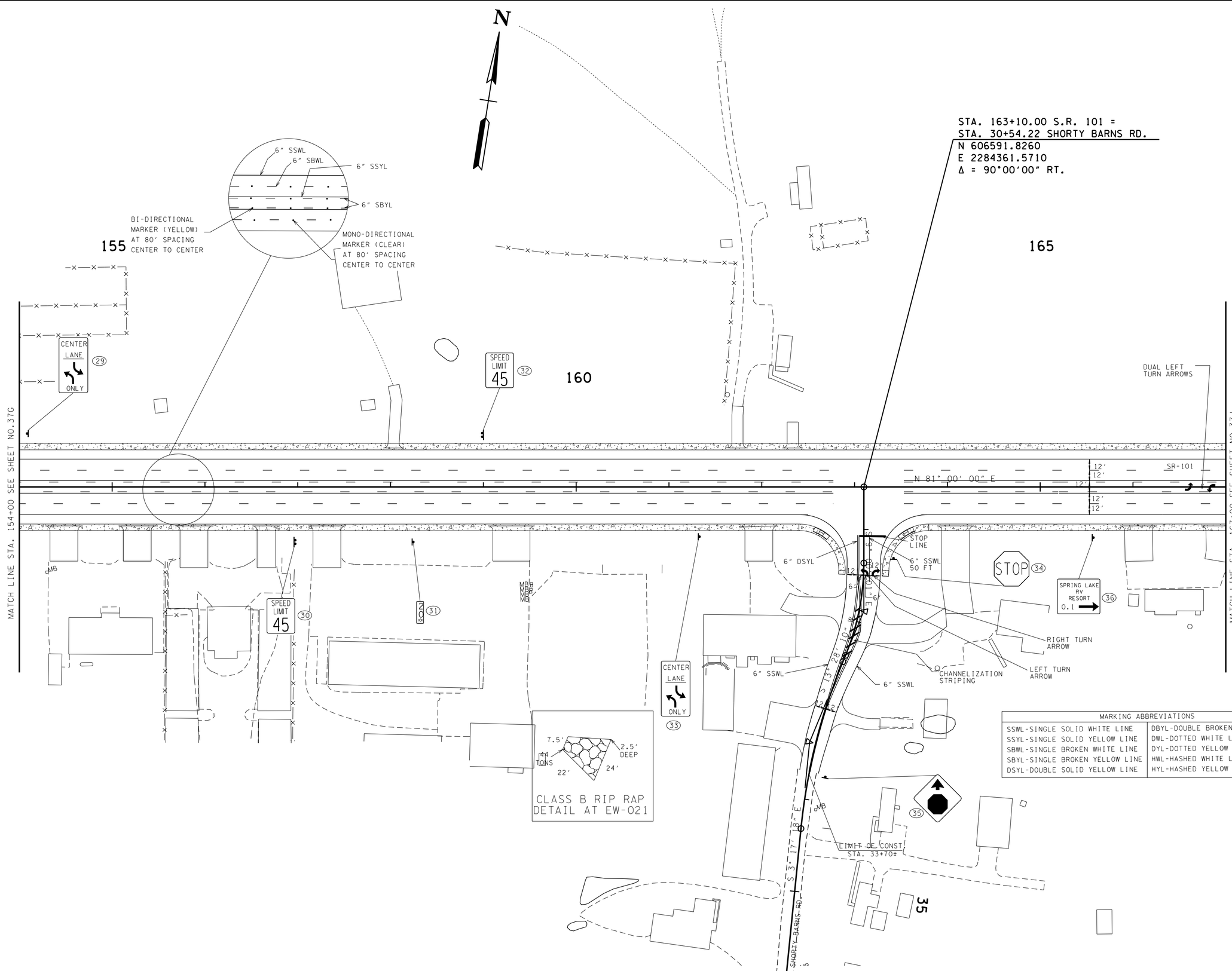
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37H

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 154+00 TO STA. 167+00

SCALE: 1"= 50'

23-MAY-2016 09:07
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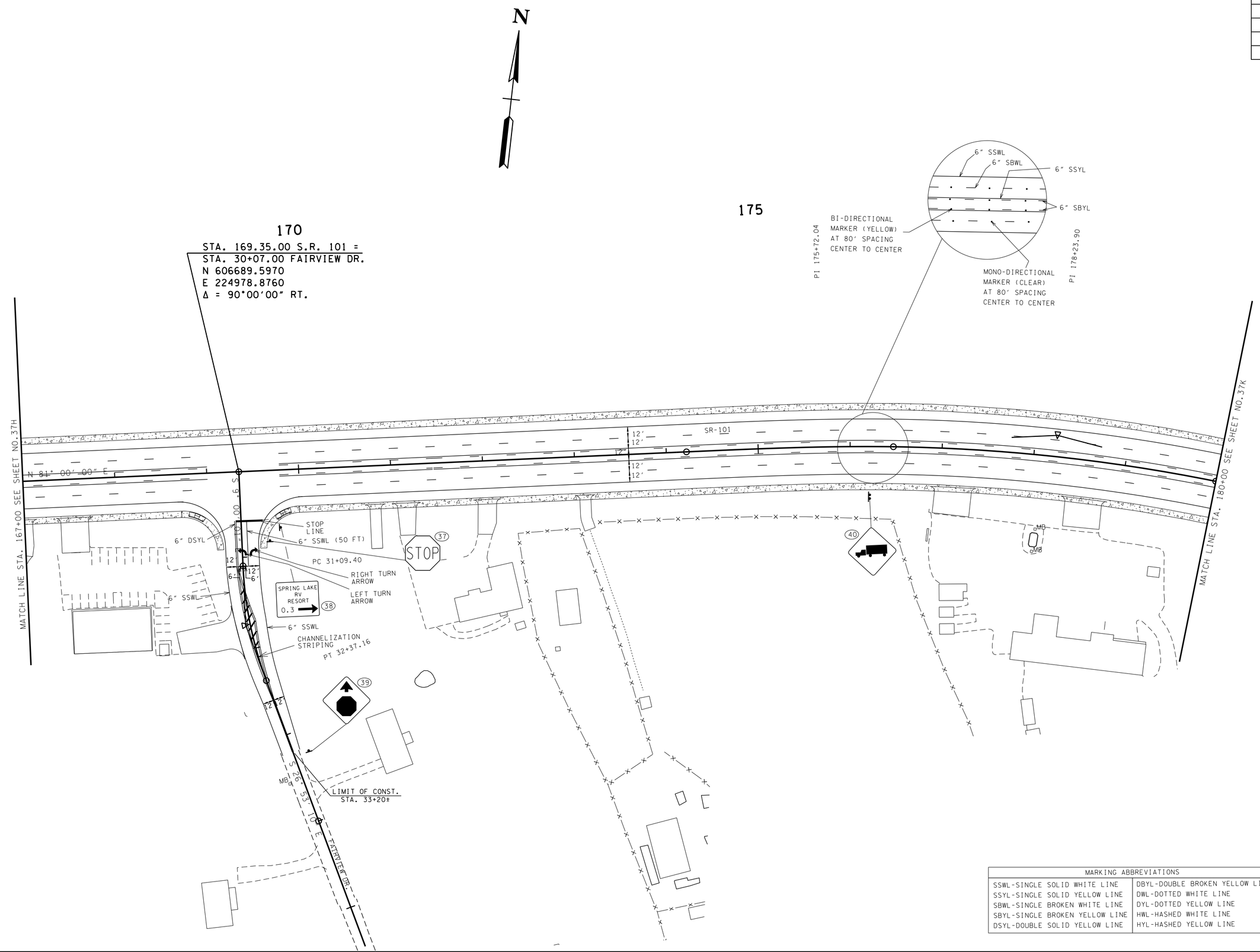
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37J

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 167+00 TO STA. 180+00

SCALE: 1"= 50'

23-MAY-2016 09:07
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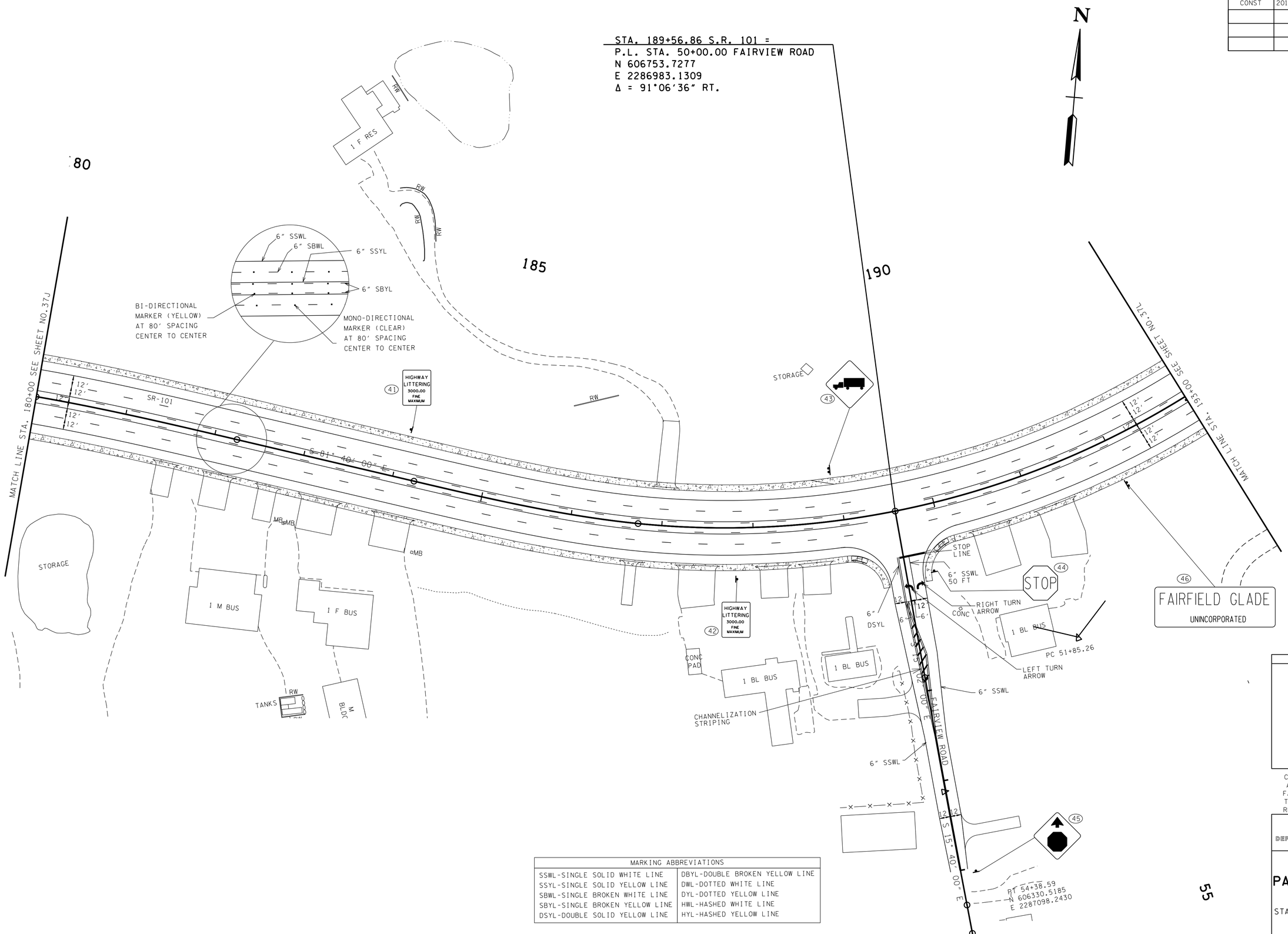
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37K

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 180+00 TO STA. 193+00

SCALE: 1"= 50'

23-MAY-2016 09:08
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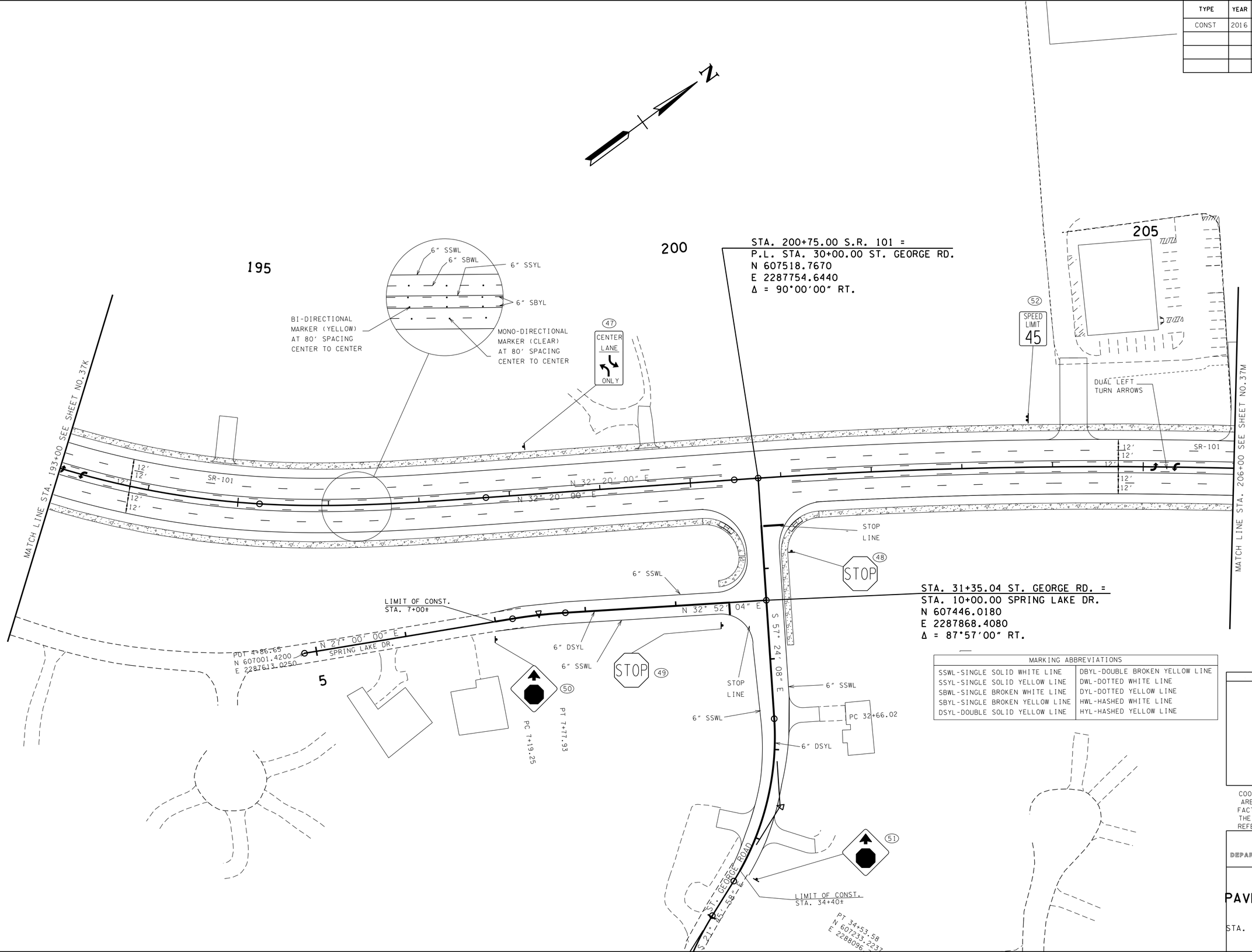
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37L

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



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

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 193+00 TO STA. 206+00

SCALE: 1"= 50'

23-MAY-2016 09:08
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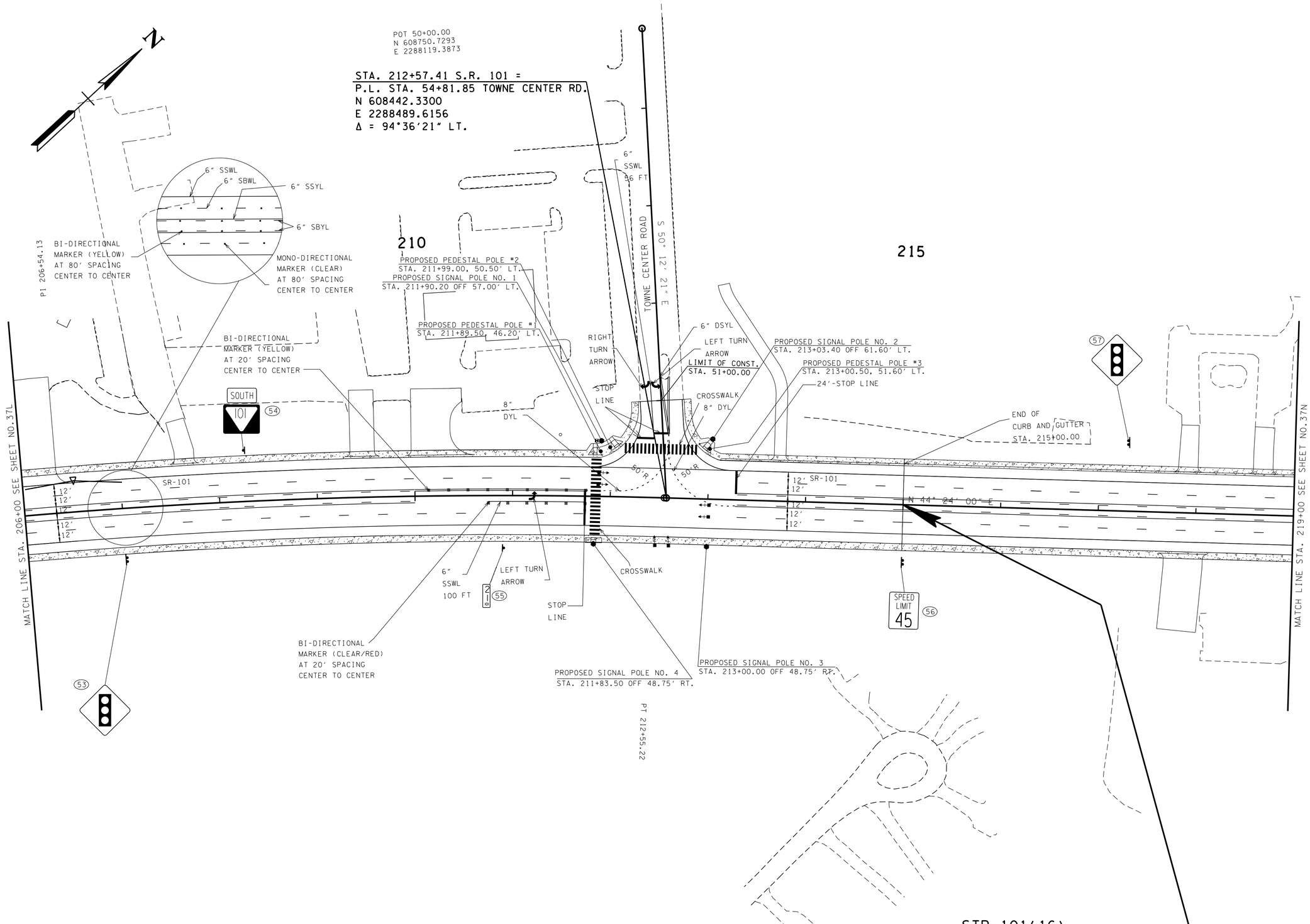
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37M

REV. 8-17-15- REVISED DRIVEWAY AT STA 210+16.66LT PER ROW REQ.



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

STP-101(16)
END PHASE 1 PROJ. NO. 18038-3240-14 (CONST.)
STA. 215+00.00

STP-101(16)
BEGIN PHASE 2 PROJ. NO. 18038-3242-14 (CONST.)
STA. 215+00.00

SEALED BY

CONSTRUCTABILITY FIELD REVIEW

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00013 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING DETAIL

STA. 206+00 TO STA. 219+00

SCALE: 1"= 50'

23-MAY-2016 09:08
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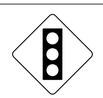
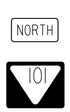
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37N

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

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
9		R2-1		36"	48"									BLACK	WHITE (REF.)	0.100" SHEET ALUMINUM	P4	h_1 = 14'-0" h_2 = 14'-0"				7'-0"	
10																		h_1 = 14'-0" h_2 = 14'-0"					
20																		h_1 = 14'-0" h_2 = 14'-0"					
21																		h_1 = 14'-0" h_2 = 14'-0"					
30																		h_1 = 14'-0" h_2 = 14'-0"					
32																		h_1 = 14'-0" h_2 = 14'-0"					
52																		h_1 = 14'-0" h_2 = 14'-0"					
56																		h_1 = 14'-0" h_2 = 14'-0"					
4		R1-1		36"	36"									WHITE (REF.)	RED (REF.)	0.080" SHEET ALUMINUM	P5	h = 13'-0"				7'-0"	
7																		h = 13'-0"					
15																		h = 13'-0"					
23																		h = 13'-0"					
25																		h = 13'-0"					
27																		h = 13'-0"					
34																		h = 13'-0"					
37																		h = 13'-0"					
44																		h = 13'-0"					
48																		h = 13'-0"					
49																		h = 13'-0"					
8		W3-1		36"	36"									(ARROW) BLACK (STOP) RED (REF.)	YELLOW (REF.)	0.100" SHEET ALUMINUM	P5	h = 14'-3"				7'-0"	
16																		h = 14'-3"					
24																		h = 14'-3"					
26																		h = 14'-3"					
28																		h = 14'-3"					
35																		h = 14'-3"					
39																		h = 14'-3"					
45																		h = 14'-3"					
50																		h = 14'-3"					
51																		h = 14'-3"					
5		R3-9b		24"	36"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P3	h = 13'-0"				7'-0"	
18																		h = 13'-0"					
22																		h = 13'-0"					
29																		h = 13'-0"					
33																		h = 13'-0"					
47																		h = 13'-0"					
53		W3-3		48"	48"									BLACK RED (REF.) GREEN (REF.)	YELLOW (REF.)	0.100" SHEET ALUMINUM	P5	h_1 = 14'-3" h_2 = 14'-3"				7'-0"	
57																		h_1 = 14'-3" h_2 = 14'-3"					
6		R4-3		30"	36"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P4	h = 13'-0"				7'-0"	
11		W11-10		48"	48"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P5	h_1 = 14'-3" h_2 = 14'-3"				7'-0"	
13																		h_1 = 14'-3" h_2 = 14'-3"					
14																		h_1 = 14'-3" h_2 = 14'-3"					
17																		h_1 = 14'-3" h_2 = 14'-3"					
40																		h_1 = 14'-3" h_2 = 14'-3"					
43																		h_1 = 14'-3" h_2 = 14'-3"					
12		TN-13		24"	30"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P2	h = 12'-6"				7'-0"	
41																							
42																							
3		M3-1		24"	12"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P5	h = 14'-6"				7'-0"	
		TN-6b		30"	24"																		

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CONSTRUCTABILITY FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

23-MAY-2016 08:52
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ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
54	SOUTH M3-3 101 TN-6b		24" 30"	12" 24"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P5	h = 14'-6"				7'-0"	
19	TN-17B 19 19 TN-17B		6"	19"									WHITE (REF.)	GREEN (REF.)	0.080" SHEET ALUMINUM	P2	h = 8'-6"				4'-0"	MOUNT BOTH SIGNS ON SINGLE POST BACK TO BACK
31	TN-17B 20 20 TN-17B		6"	19"									WHITE (REF.)	GREEN (REF.)	0.080" SHEET ALUMINUM	P2	h = 8'-6"				4'-0"	MOUNT BOTH SIGNS ON SINGLE POST BACK TO BACK
55	TN-17B 21 21 TN-17B		6"	19"									WHITE (REF.)	GREEN (REF.)	0.080" SHEET ALUMINUM	P2	h = 8'-6"				4'-0"	MOUNT BOTH SIGNS ON SINGLE POST BACK TO BACK
46	Fairfield Glade UNINCORPORATED TN-4		72"	18"									WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	P5	h_1 = 14'-6" h_2 = 15'-0"				7'-0"	
36	SPRING LAKE RV RESORT 0.1 → VALID TRAILBLAZER SIGN																					TO BE MAINTAINED DURING CONSTRUCTION AND RE-POSTED AFTER FINAL GRADING IS COMPLETED. COST TO BE INCLUDED IN OTHER ITEMS.
38	SPRING LAKE RV RESORT 0.3 → VALID TRAILBLAZER SIGN																					TO BE MAINTAINED DURING CONSTRUCTION AND RE-POSTED AFTER FINAL GRADING IS COMPLETED. COST TO BE INCLUDED IN OTHER ITEMS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2016	STP-101(16)	37P

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

23-MAY-2016 08:52
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	35
CONST.	2016	STP-101(16)	51

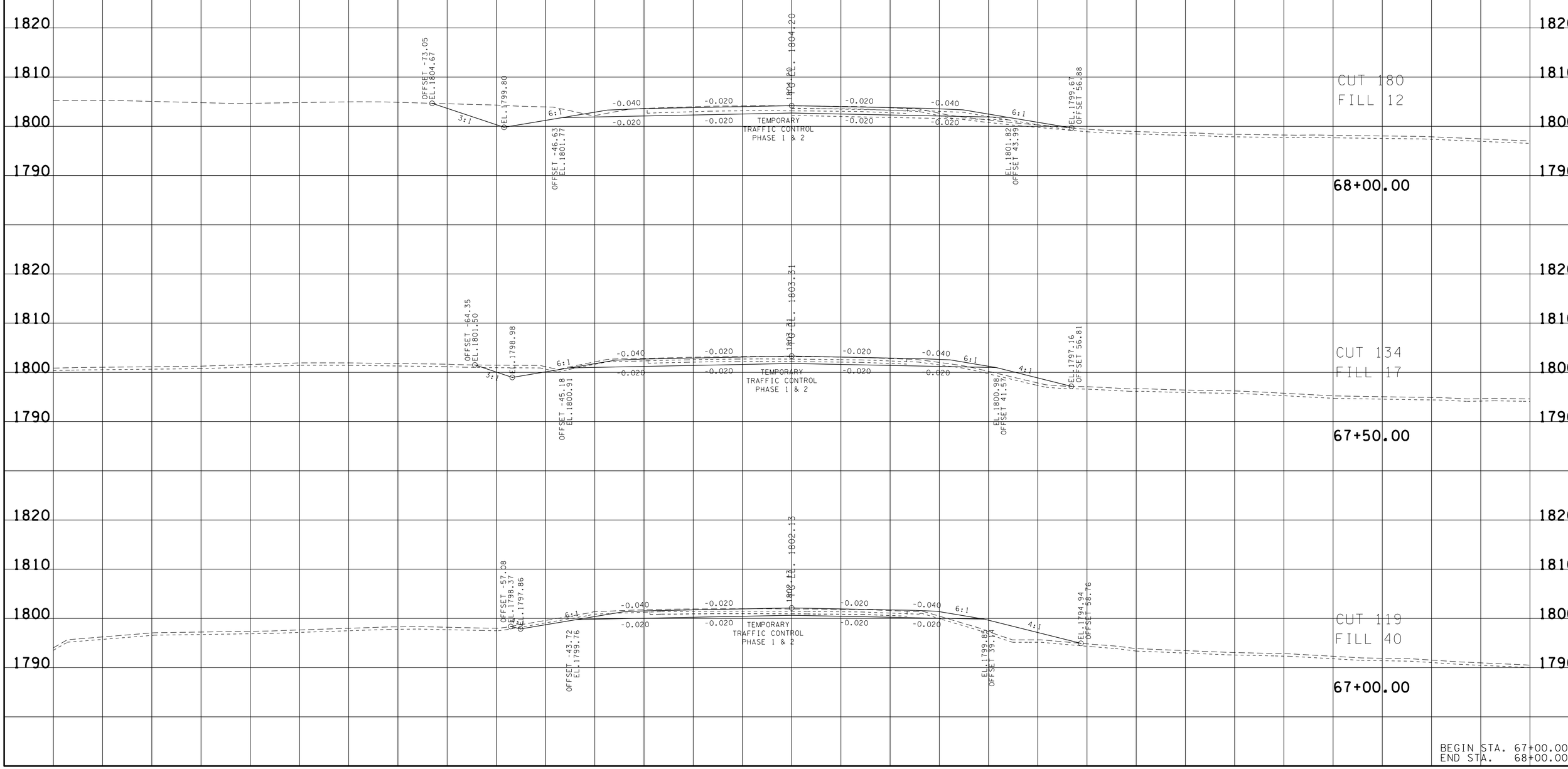
REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

REV. 5-25-16: ADDED SHEET.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 67+00.00
END STA. 68+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	35A
CONST.	2016	STP-101(16)	52

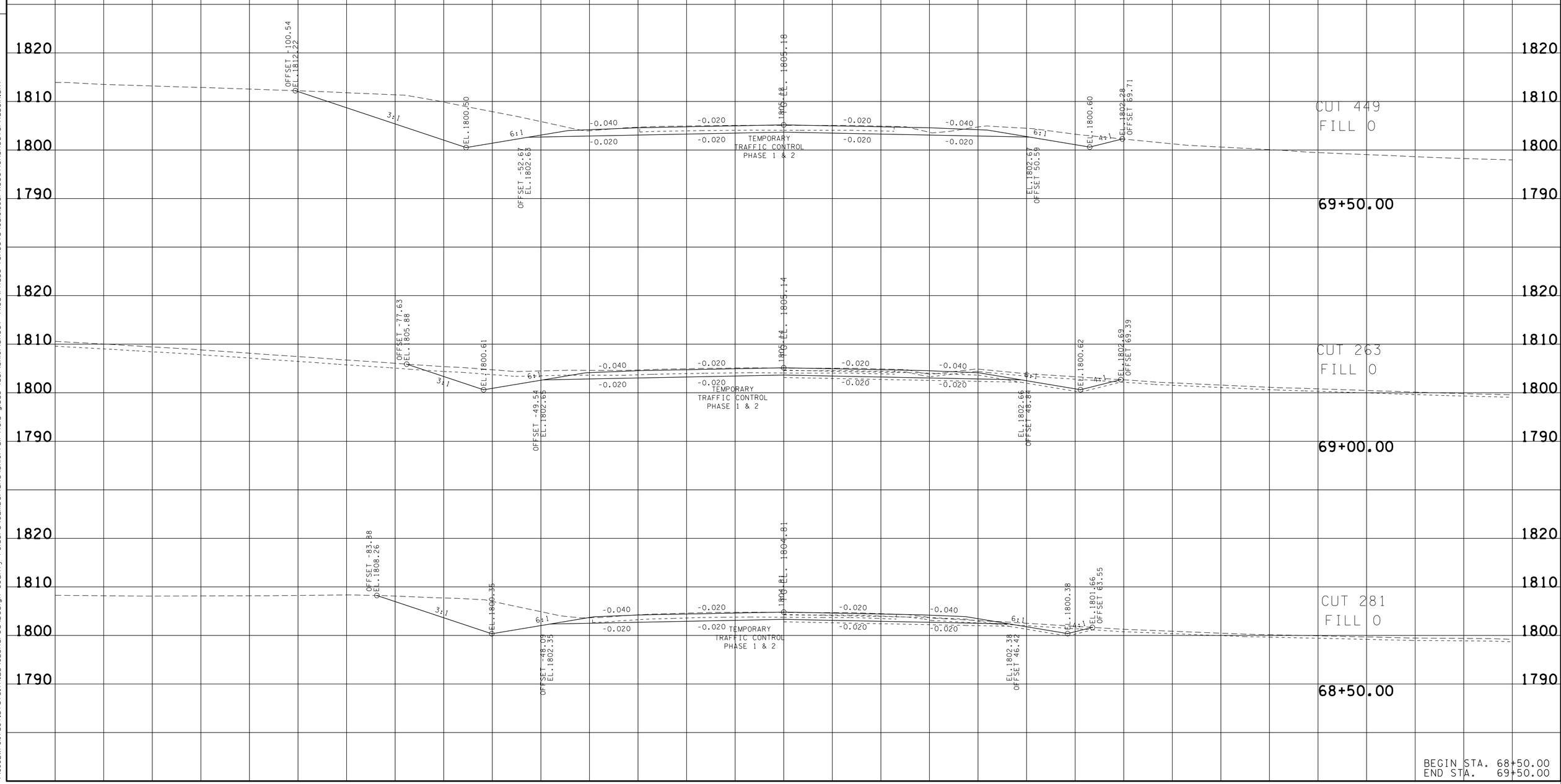
REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

REV. 5-25-16: ADDED SHEET.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 68+50.00
END STA. 69+50.00

20-MAY-2016 10:48
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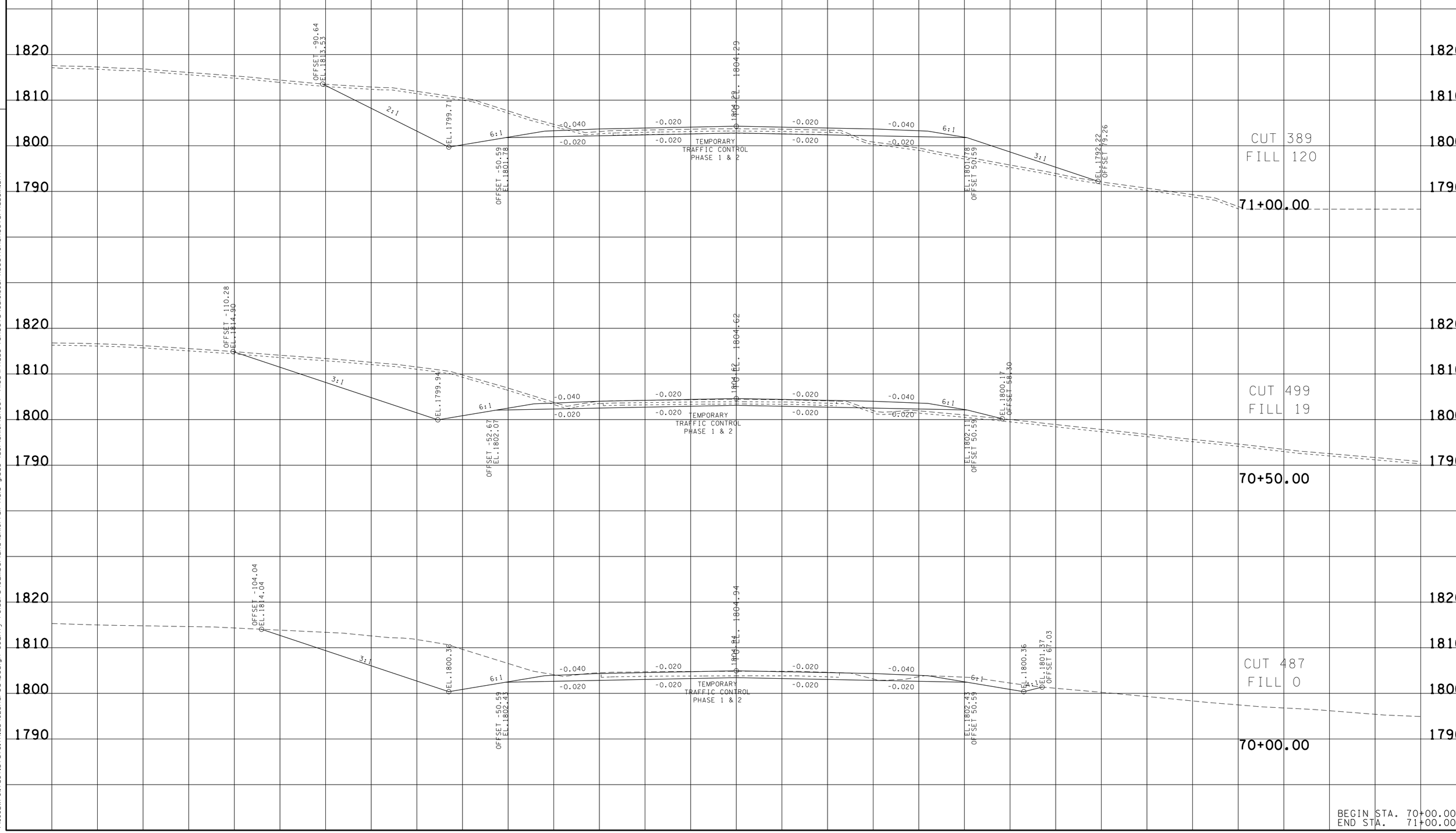
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	36
CONST.	2016	STP-101(16)	53

REV. 08-20-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.
REV. 5-25-16: ADDED SHEET.

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



BEGIN STA. 70+00.00
END STA. 71+00.00

20-MAY-2016 10:48
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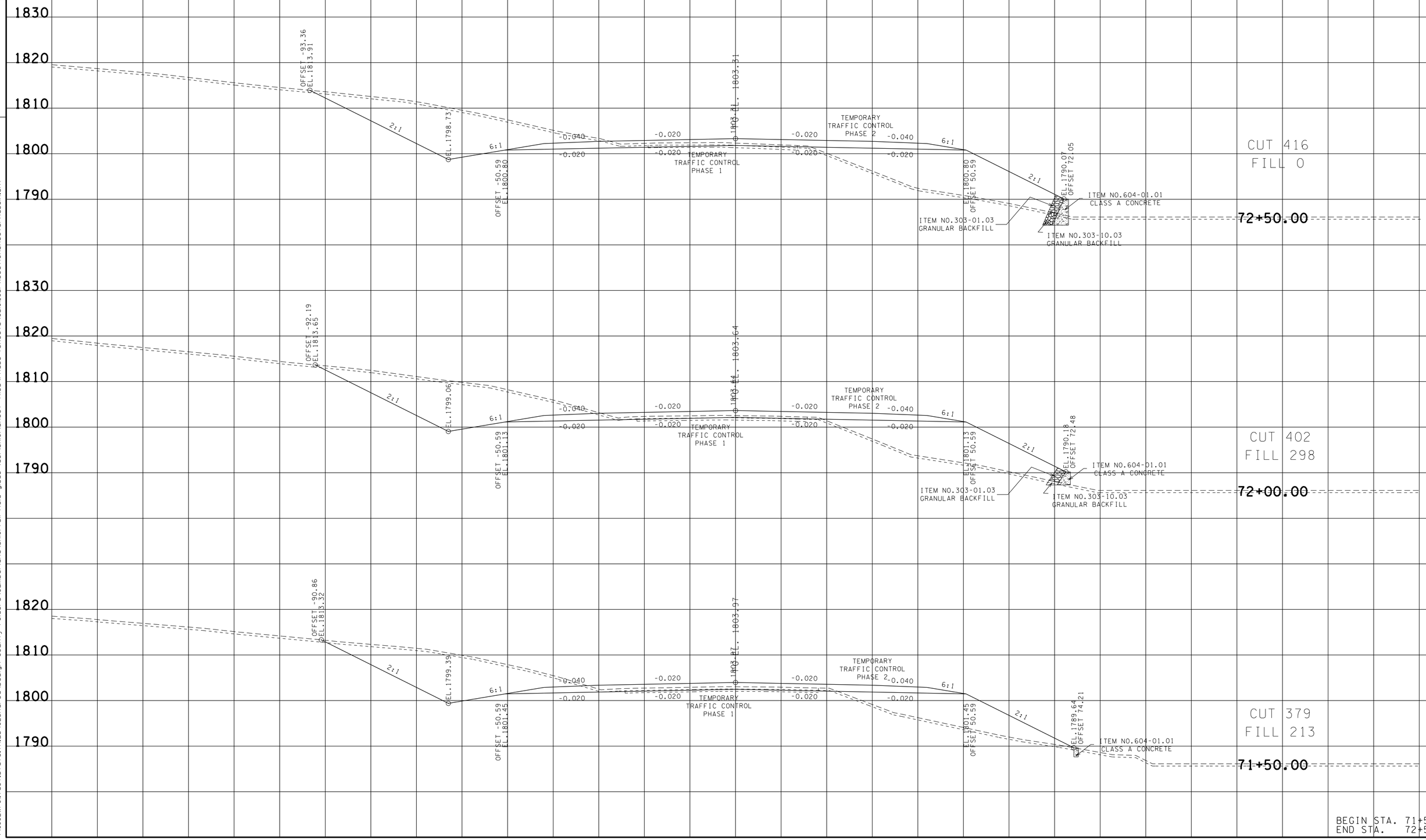
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	36A
CONST.	2016	STP-101(16)	54

REV. 08-20-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.
REV. 11-24-15: UPDATE RETAINING WALL.
REV. 5-25-16: ADDED SHEET.

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



BEGIN STA. 71+50.00
END STA. 72+50.00

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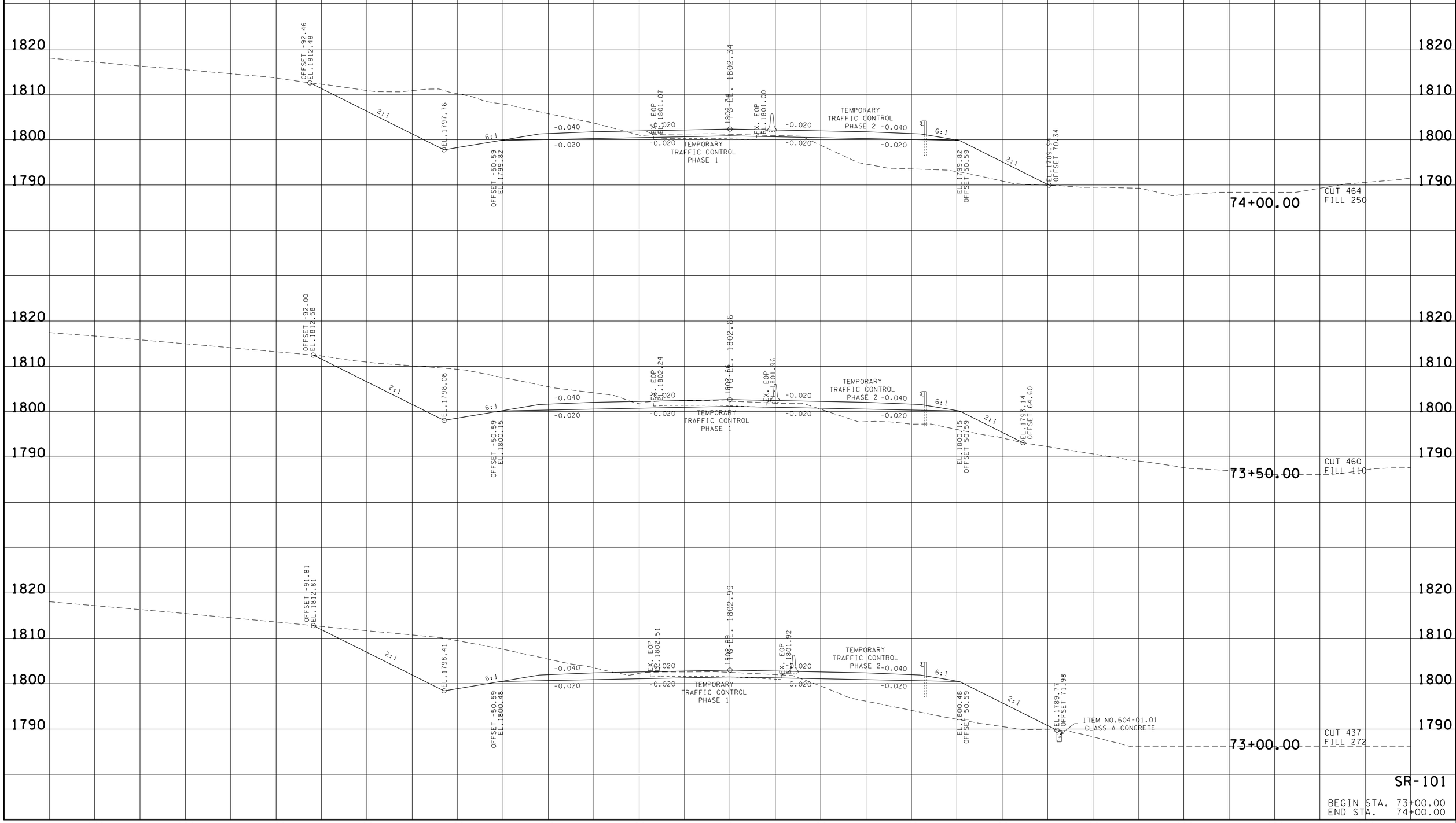
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	37
CONST.	2016	STP-101(16)	55

REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

REV. 11-24-15: UPDATE RETAINING WALL.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



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BEGIN STA. 73+00.00
END STA. 74+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	38
CONST.	2016	STP-101(16)	56

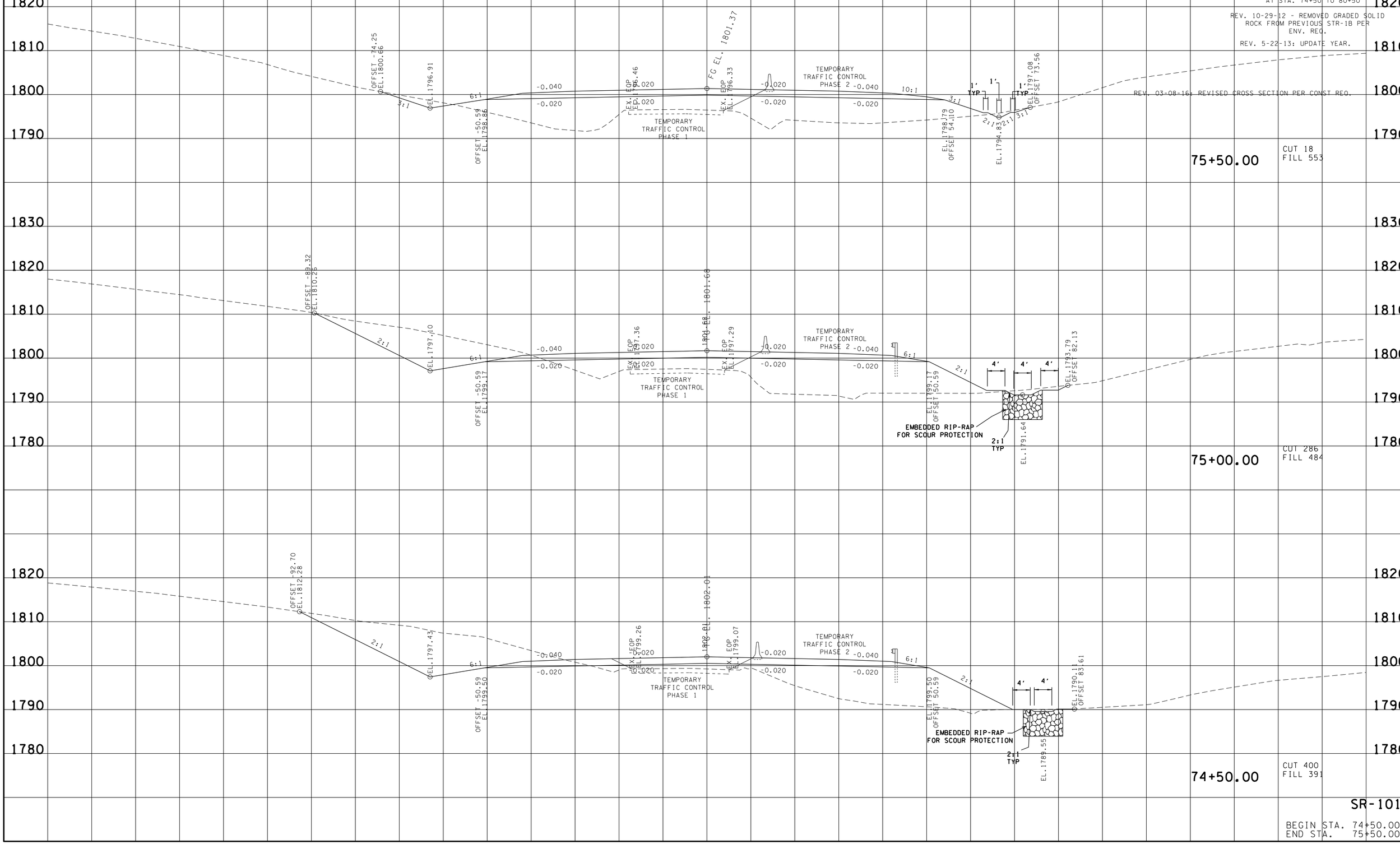
REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 09-24-12 - UPDATED CROSS SECTIONS AT STA. 74+50 TO 80+50

REV. 10-29-12 - REMOVED GRADED SOLID ROCK FROM PREVIOUS STR-1B PER ENV. REQ.

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 74+50.00
END STA. 75+50.00

20-MAY-2016 10:57
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	39
CONST.	2016	STP-101(16)	57

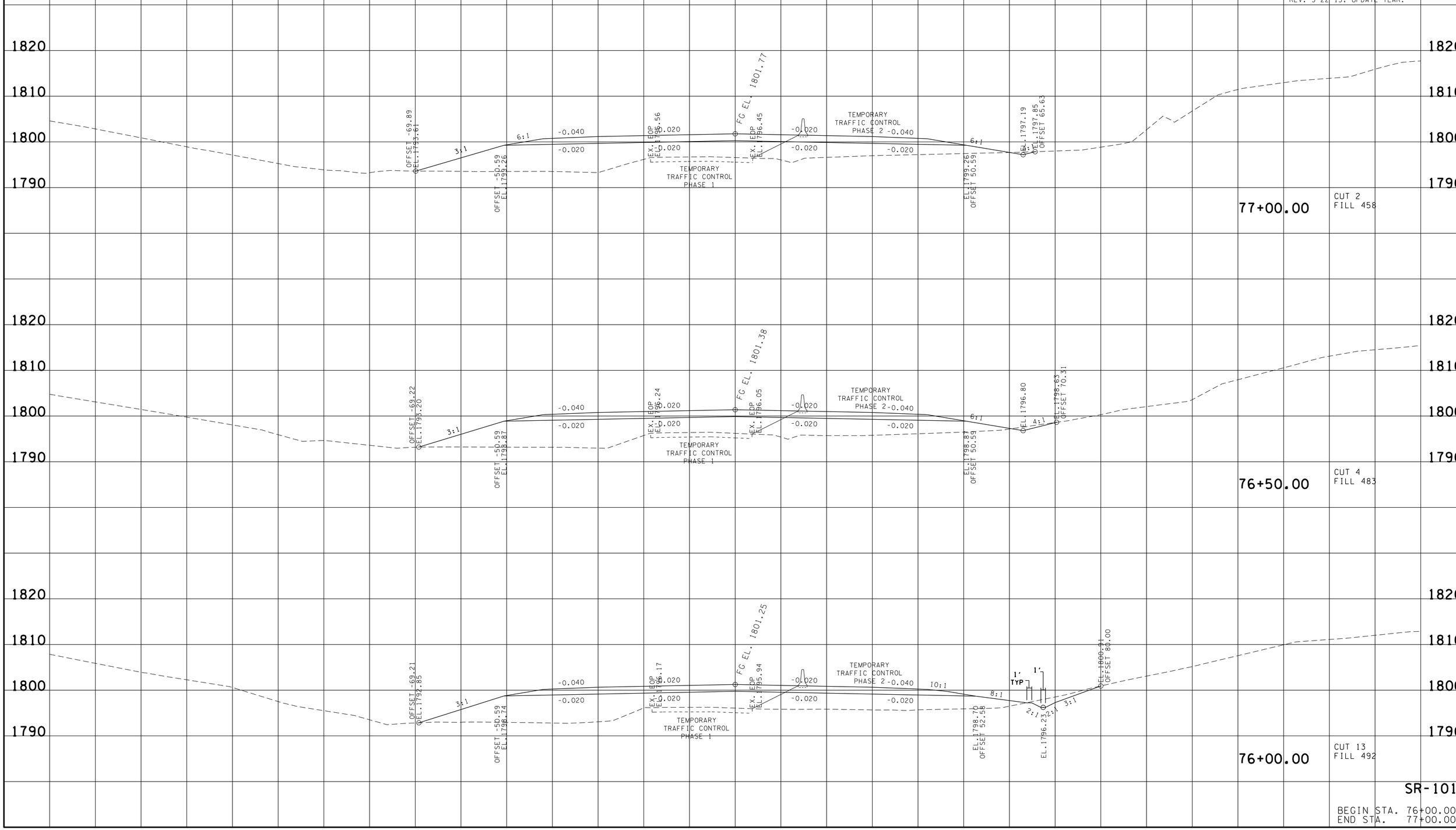
REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 09-24-12 - UPDATED CROSS SECTIONS AT STA. 74+50 TO 80+50

REV. 10-29-12 - REMOVED GRADED SOLID ROCK FROM PREVIOUS STR-1B PER ENV. REQ.

REV. 5-22-13: UPDATE YEAR.



SR-101

BEGIN STA. 76+00.00
END STA. 77+00.00

20-MAY-2016 10:57
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	40
CONST.	2016	STP-101(16)	58

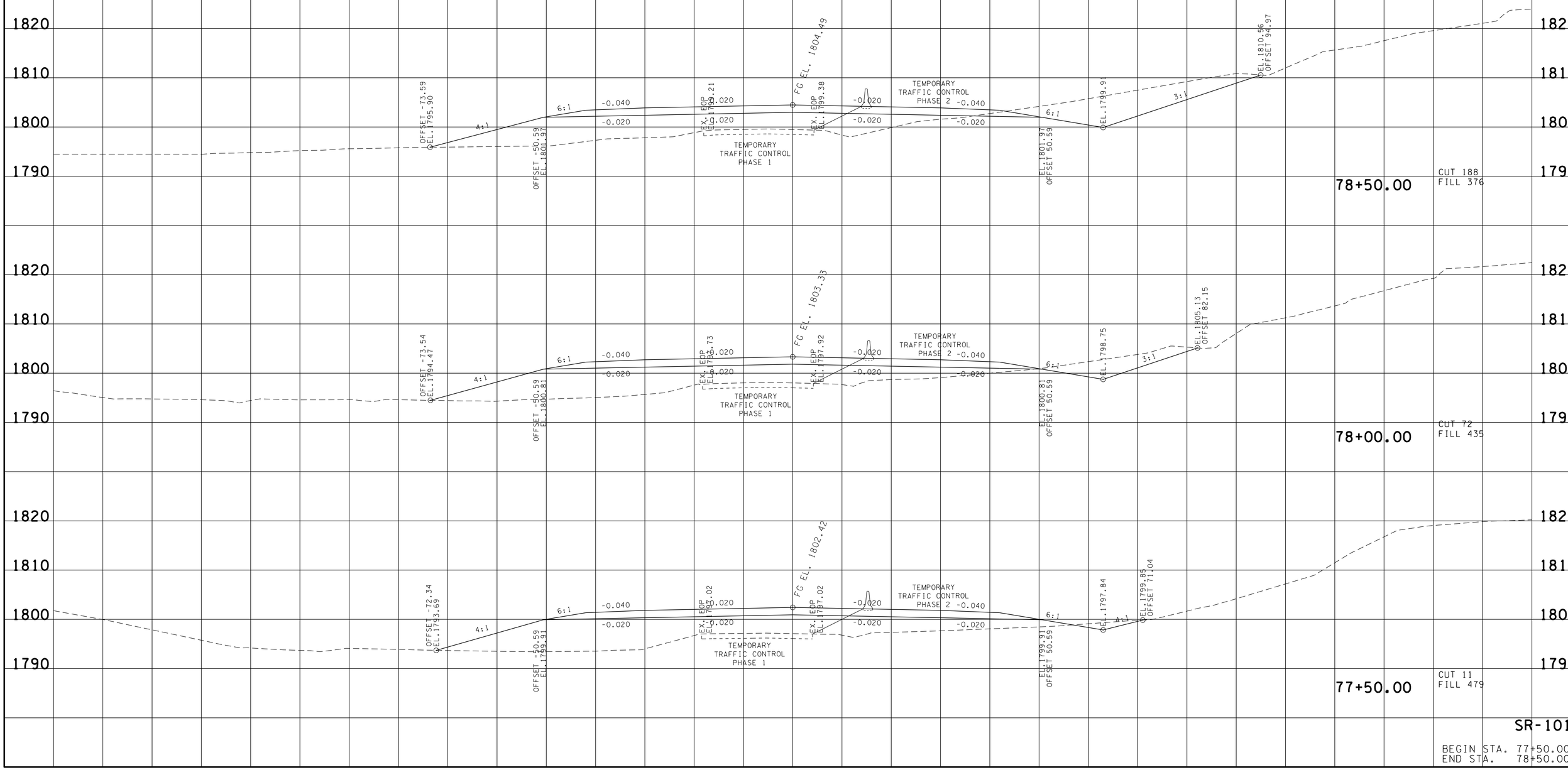
REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 09-24-12 - UPDATED CROSS SECTIONS AT STA. 74+50 TO 80+50

REV. 10-29-12 - REMOVED GRADED SOLID ROCK FROM PREVIOUS STR-1B PER ENV. REQ.

REV. 5-22-13: UPDATE YEAR.



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BEGIN STA. 77+50.00
END STA. 78+50.00

20-MAY-2016 10:57
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	41
CONST.	2016	STP-101(16)	59

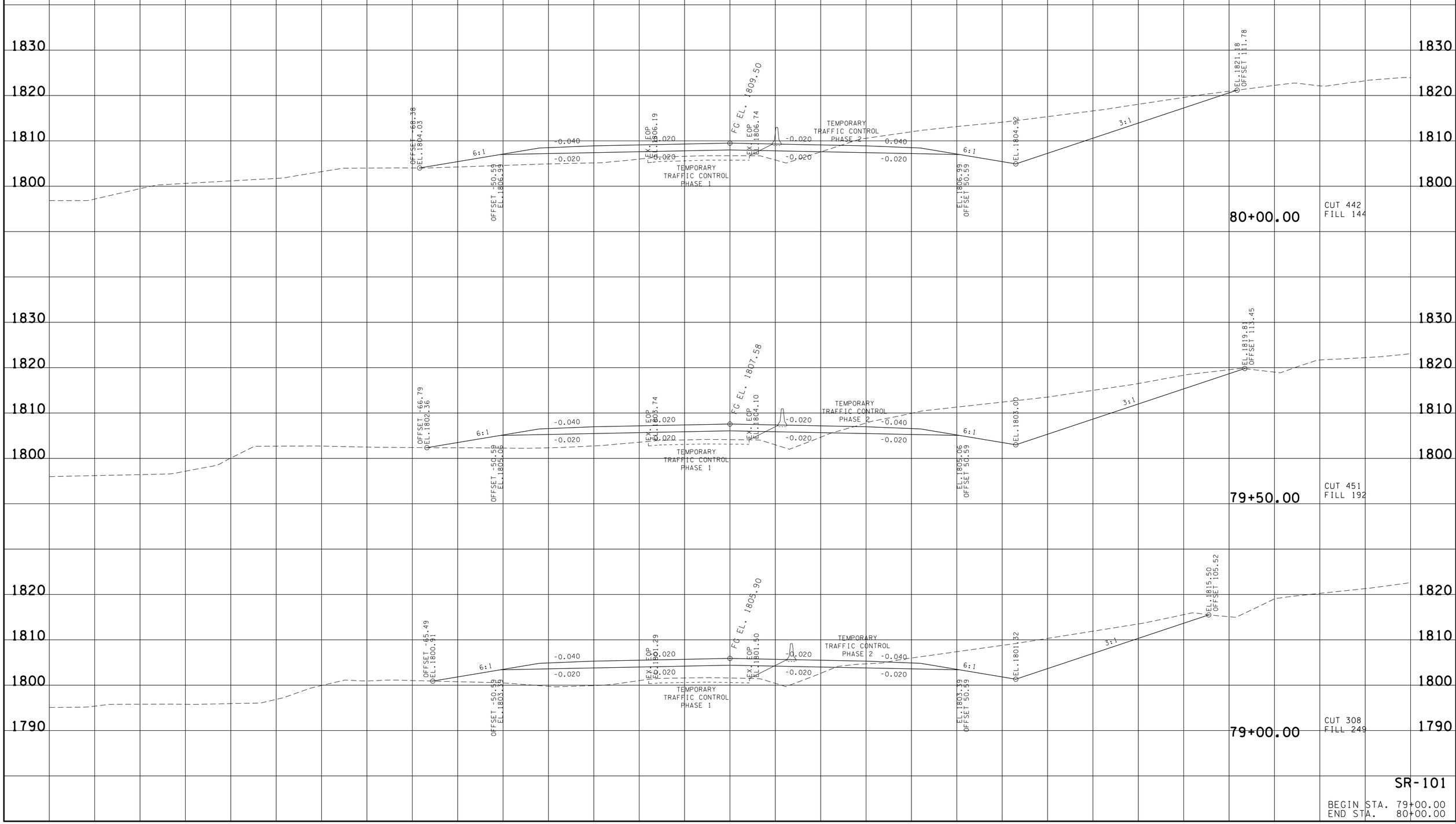
REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 09-24-12 - UPDATED CROSS SECTIONS AT STA. 74+50 TO 80+50

REV. 10-29-12 - REMOVED GRADED SOLID ROCK FROM PREVIOUS STR-1B PER ENV. REQ.

REV. 5-22-13: UPDATE YEAR.



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BEGIN STA. 79+00.00
END STA. 80+00.00

20-MAY-2016 10:57
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	42
CONST.	2016	STP-101(16)	60

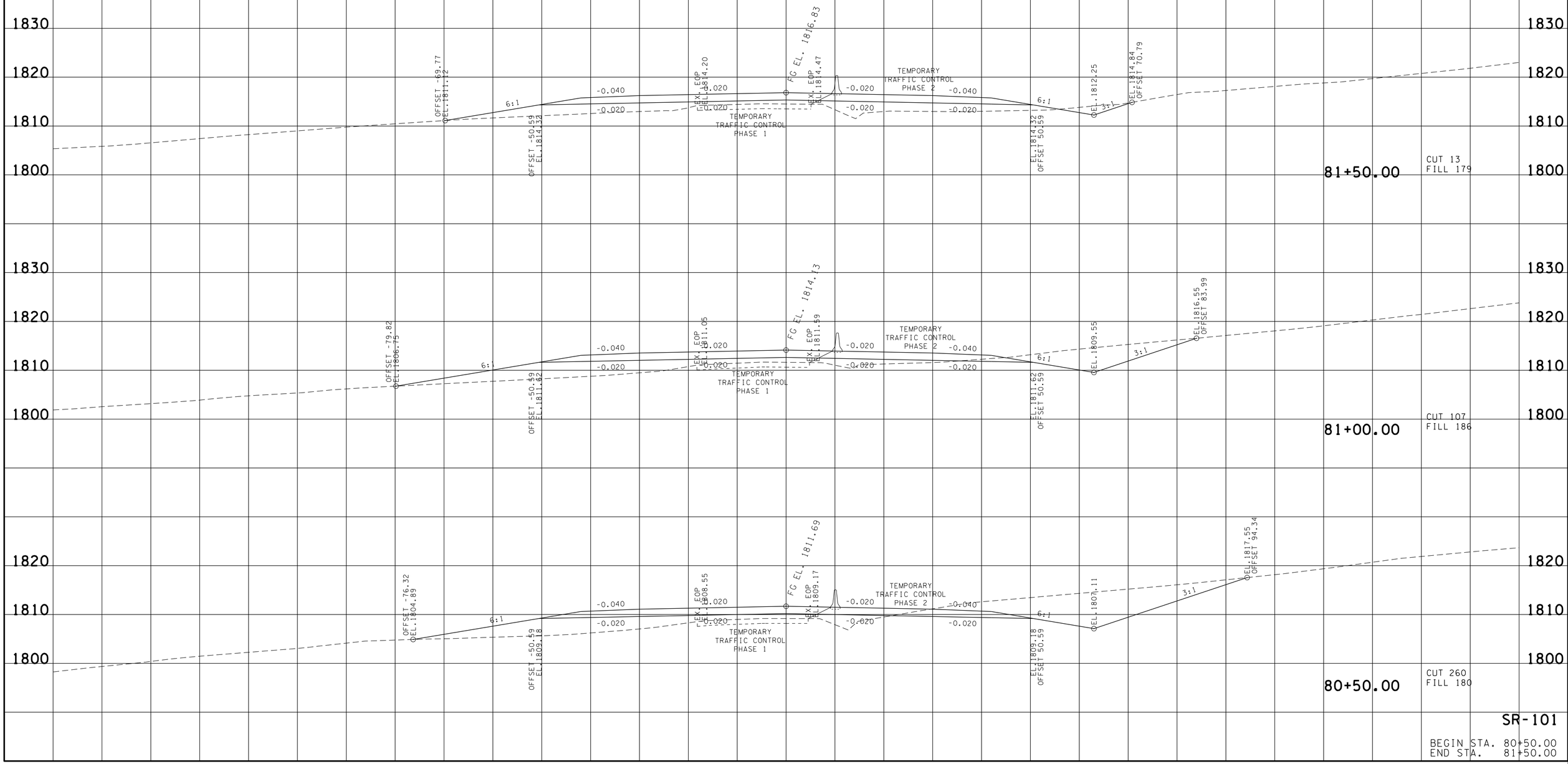
REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 09-24-12 - UPDATED CROSS SECTIONS AT STA. 74+50 TO 80+50

REV. 10-29-12 - REMOVED GRADED SOLID ROCK FROM PREVIOUS STR-1B PER ENV. REQ.

REV. 5-22-13: UPDATE YEAR.



SR-101

BEGIN STA. 80+50.00
END STA. 81+50.00

20-MAY-2016 10:57
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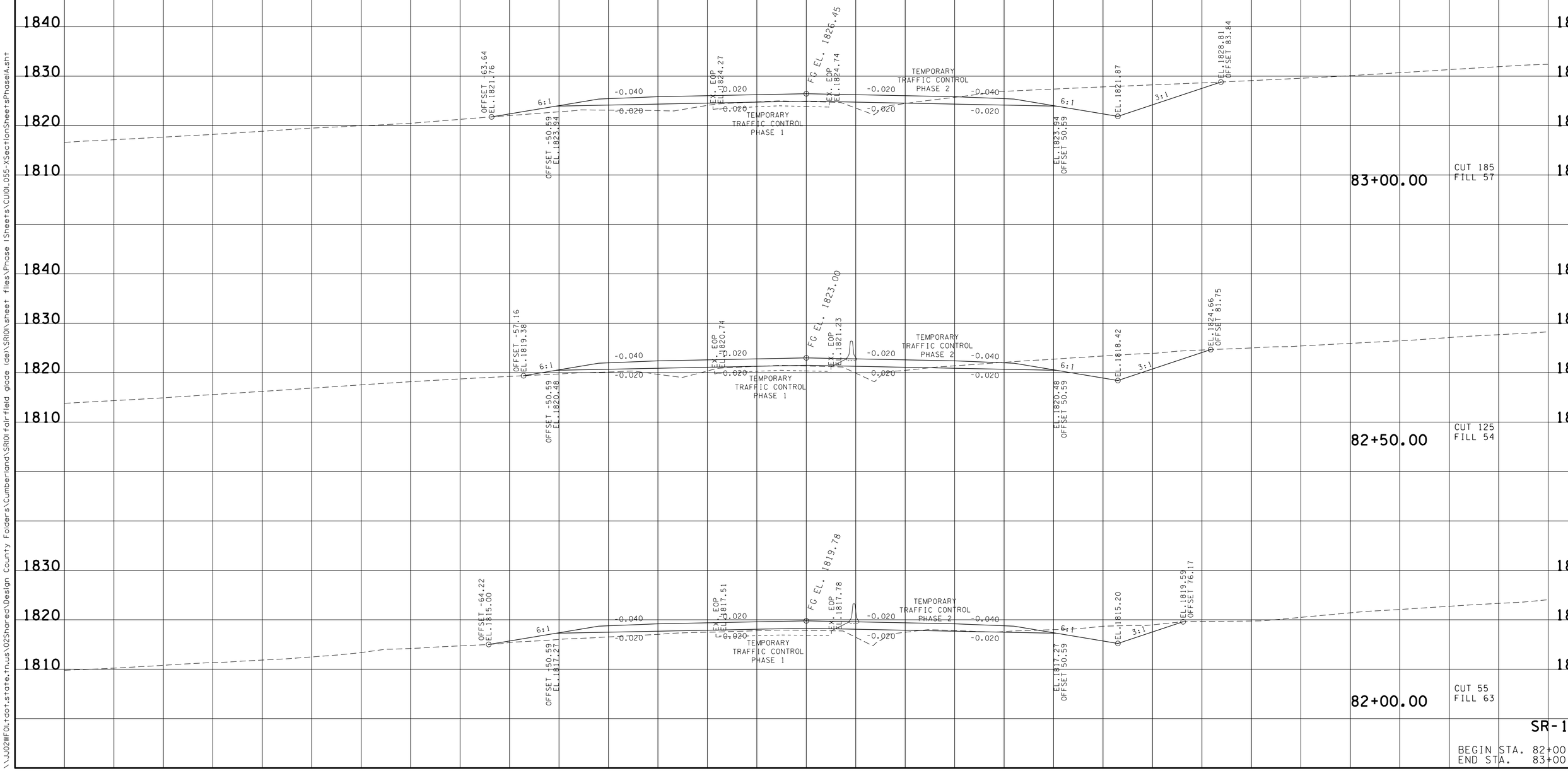
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	43
CONST.	2016	STP-101(16)	61

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 82+00.00
END STA. 83+00.00

20-MAY-2016 10:58
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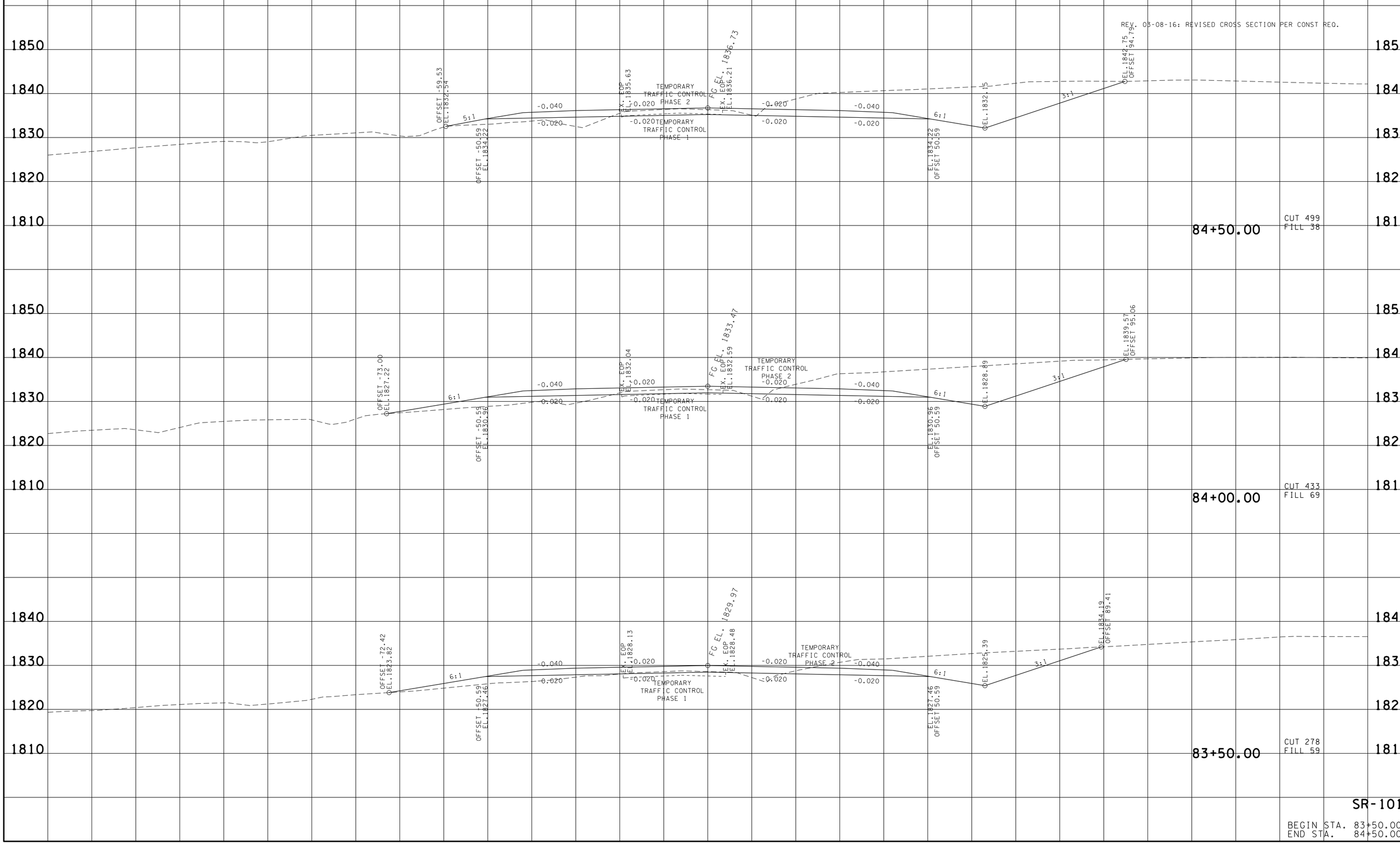
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	44
CONST.	2016	STP-101(16)	62

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 83+50.00
END STA. 84+50.00

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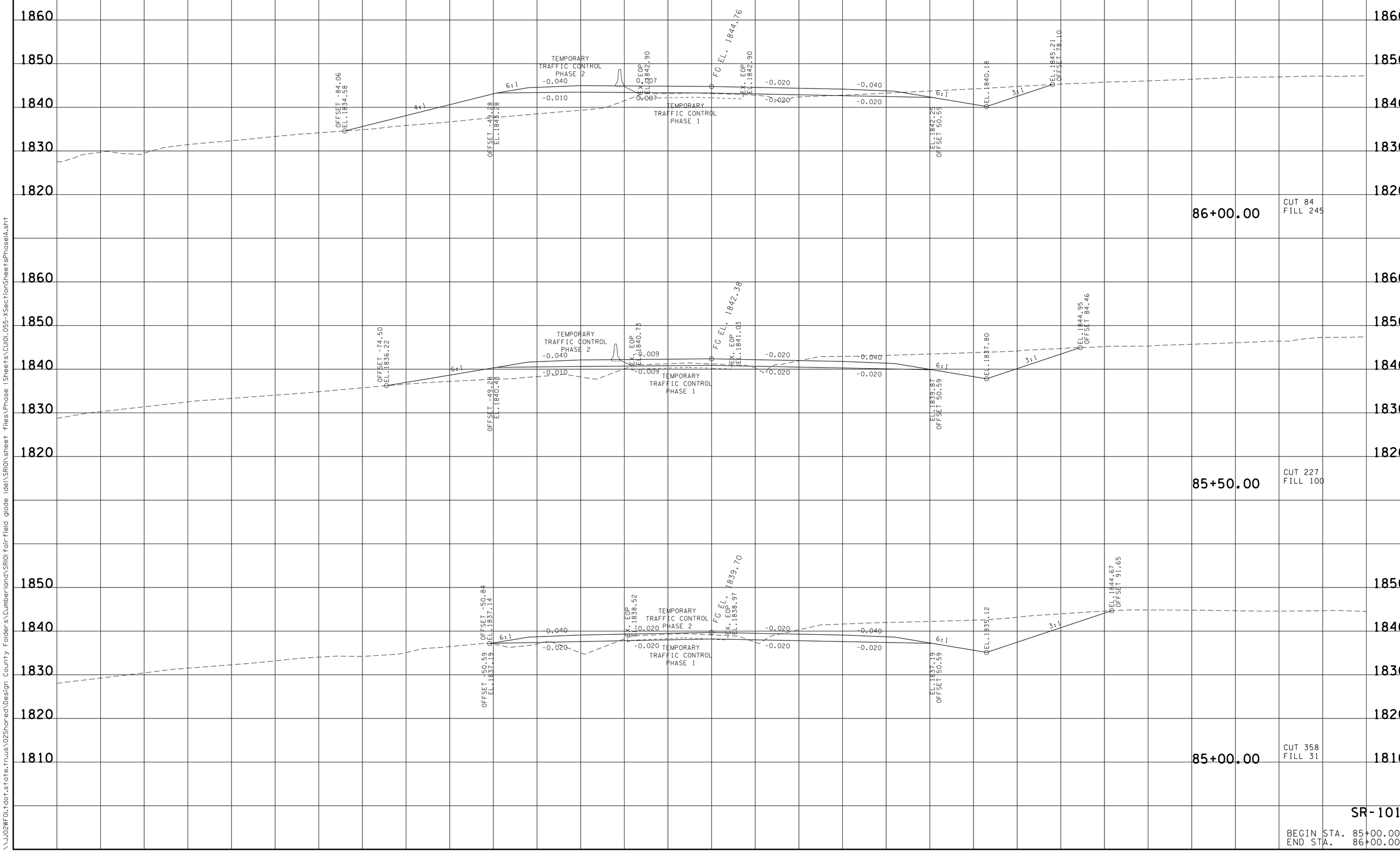
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	45
CONST.	2016	STP-101(16)	63

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 5-22-13: UPDATE YEAR.



SR-101

BEGIN STA. 85+00.00
END STA. 86+00.00

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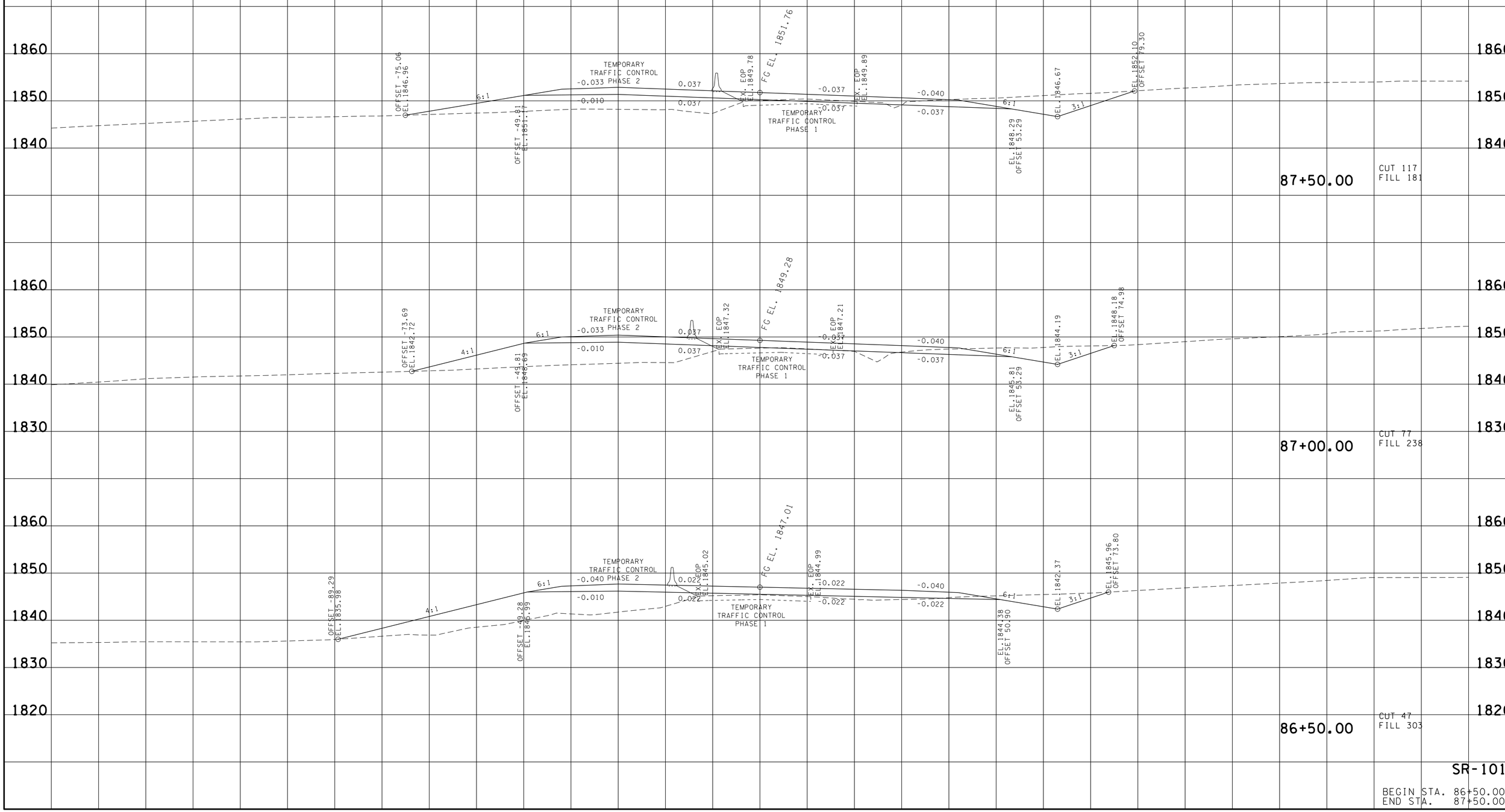
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	46
CONST.	2016	STP-101(16)	64

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



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BEGIN STA. 86+50.00
END STA. 87+50.00

20-MAY-2016 10:58
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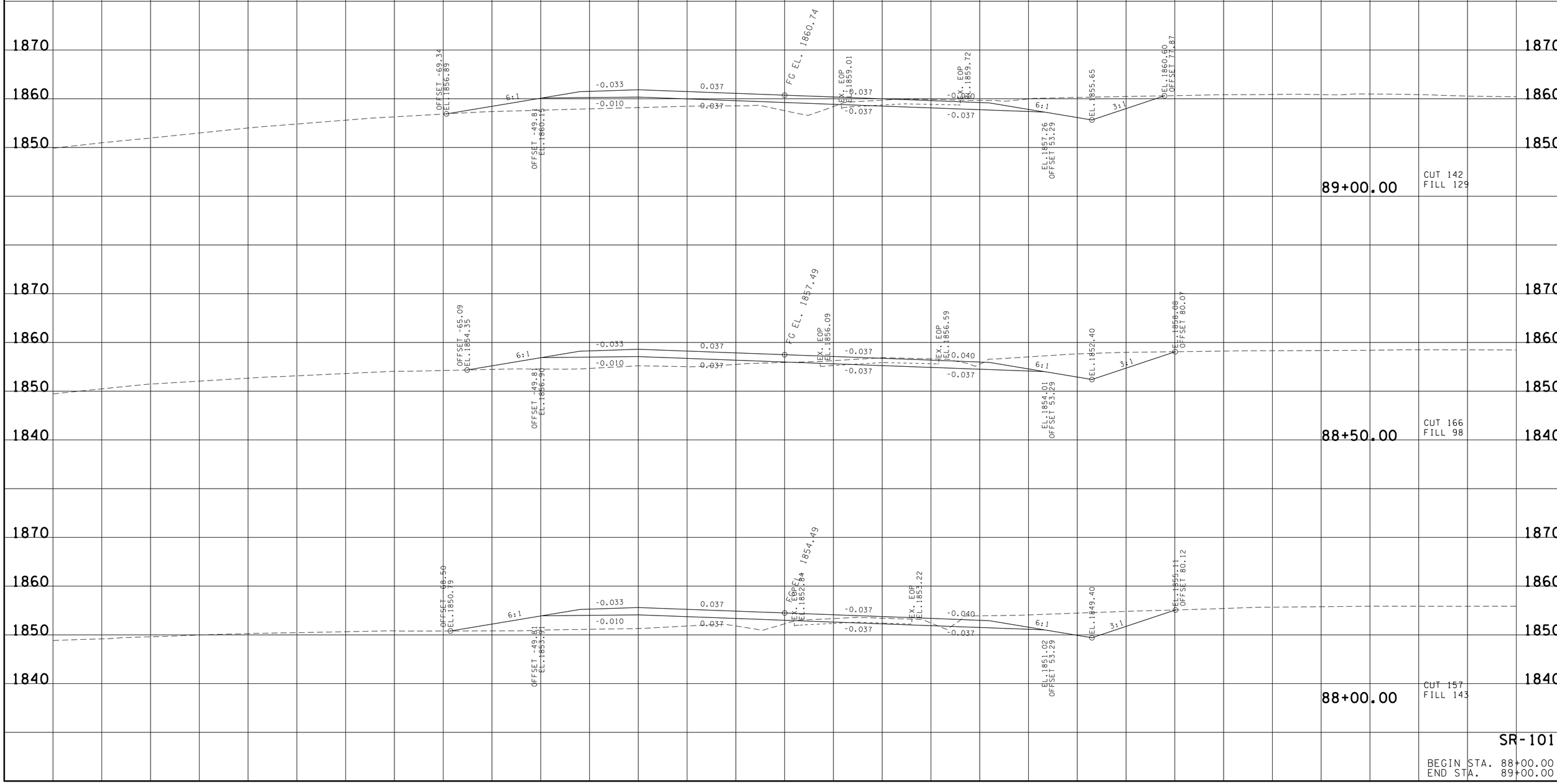
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	47
CONST.	2016	STP-101(16)	65

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 88+00.00
END STA. 89+00.00

20-MAY-2016 10:58
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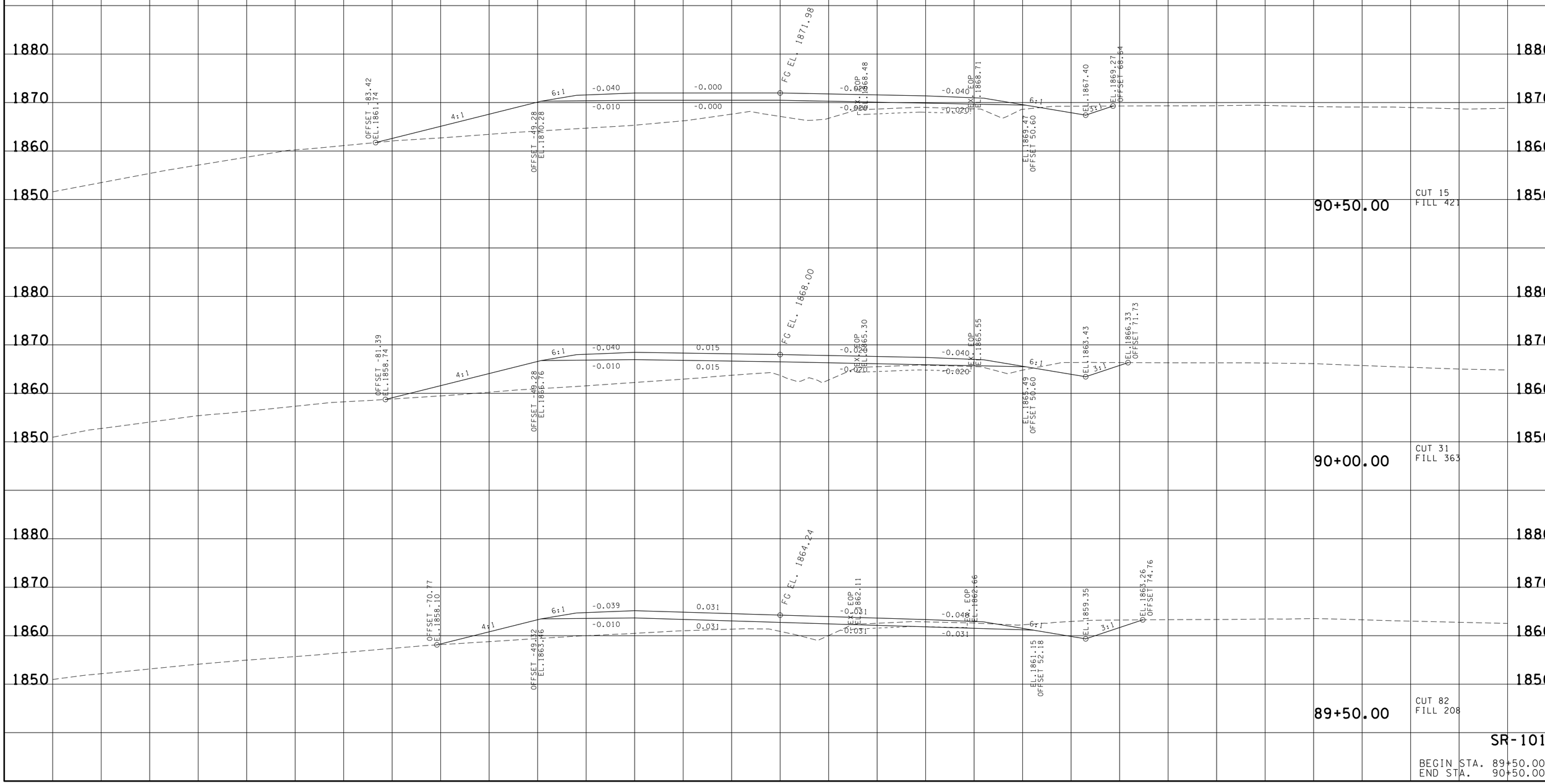
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	48
CONST.	2016	STP-101(16)	66

REV. 09-24-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



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BEGIN STA. 89+50.00
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20-MAY-2016 10:59
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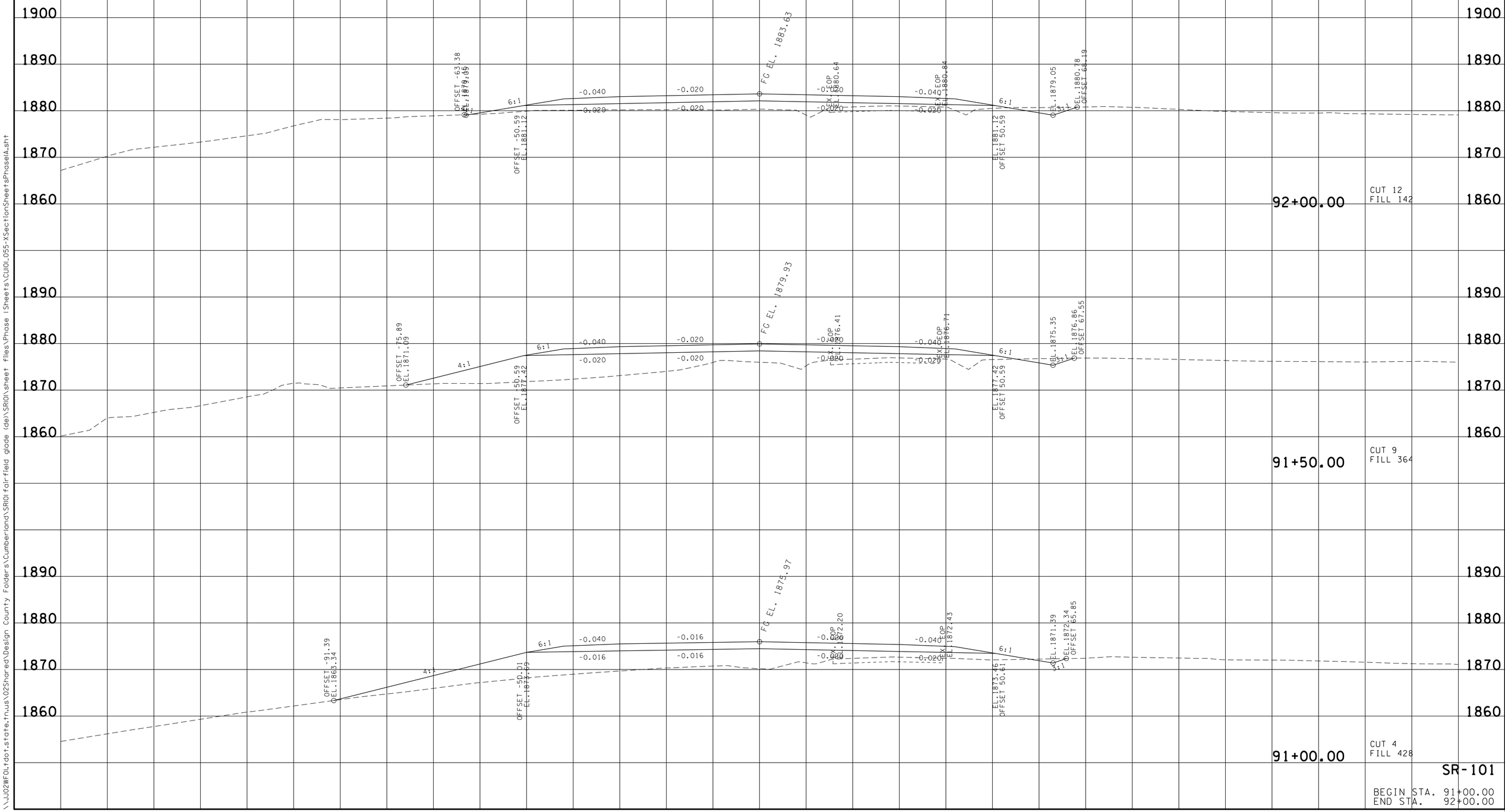
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	49
CONST.	2016	STP-101(16)	67

REV. 09-24-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



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BEGIN STA. 91+00.00
END STA. 92+00.00

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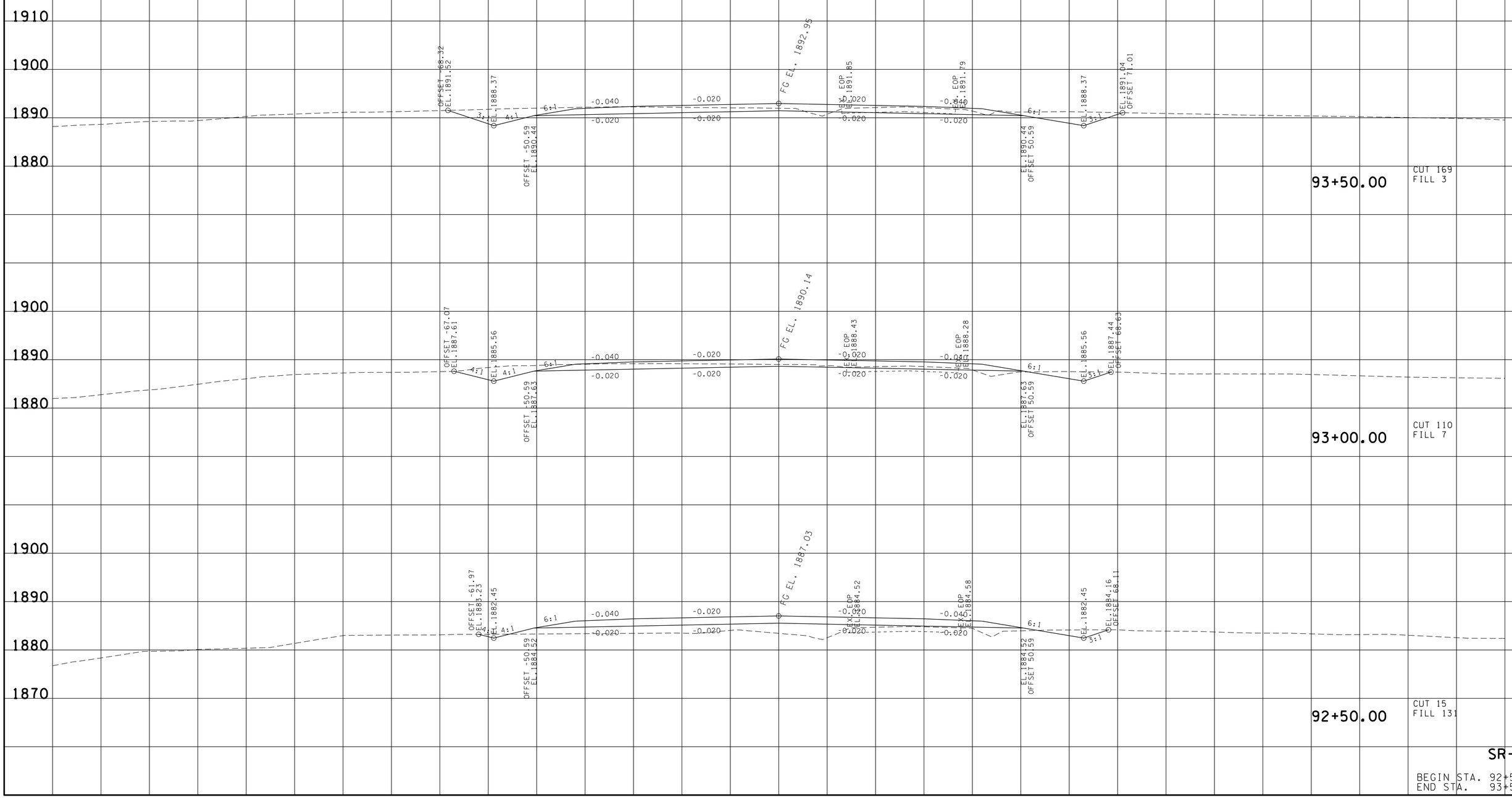
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	50
CONST.	2016	STP-101(16)	68

REV. 09-24-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



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BEGIN STA. 92+50.00
END STA. 93+50.00

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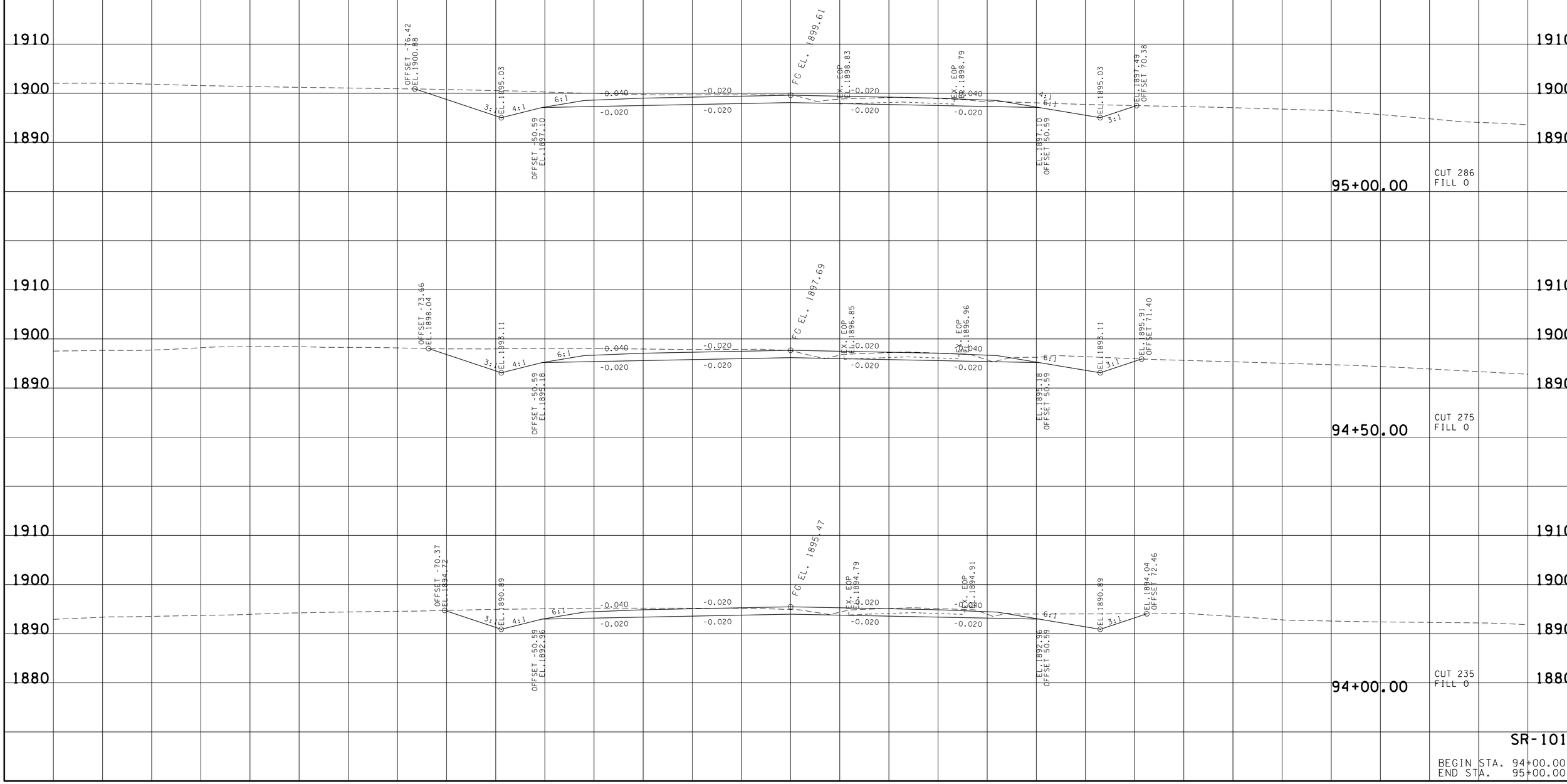
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	51
CONST.	2016	STP-101(16)	69

REV. 09-24-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 94+00.00
END STA. 95+00.00

20-MAY-2016 10:59
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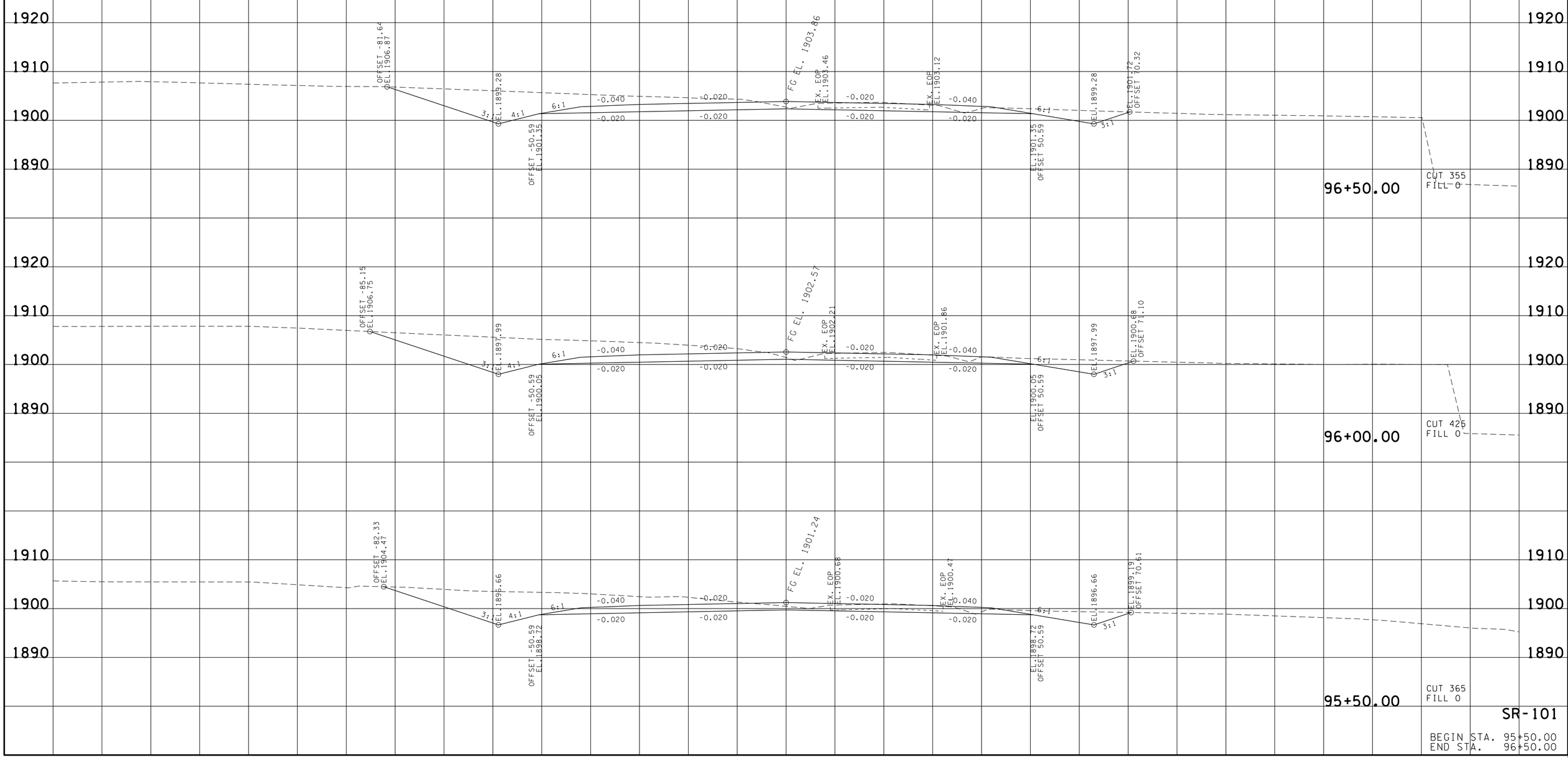
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	52
CONST.	2016	STP-101(16)	70

REV. 09-24-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 95+50.00
END STA. 96+50.00

20-MAY-2016 10:59
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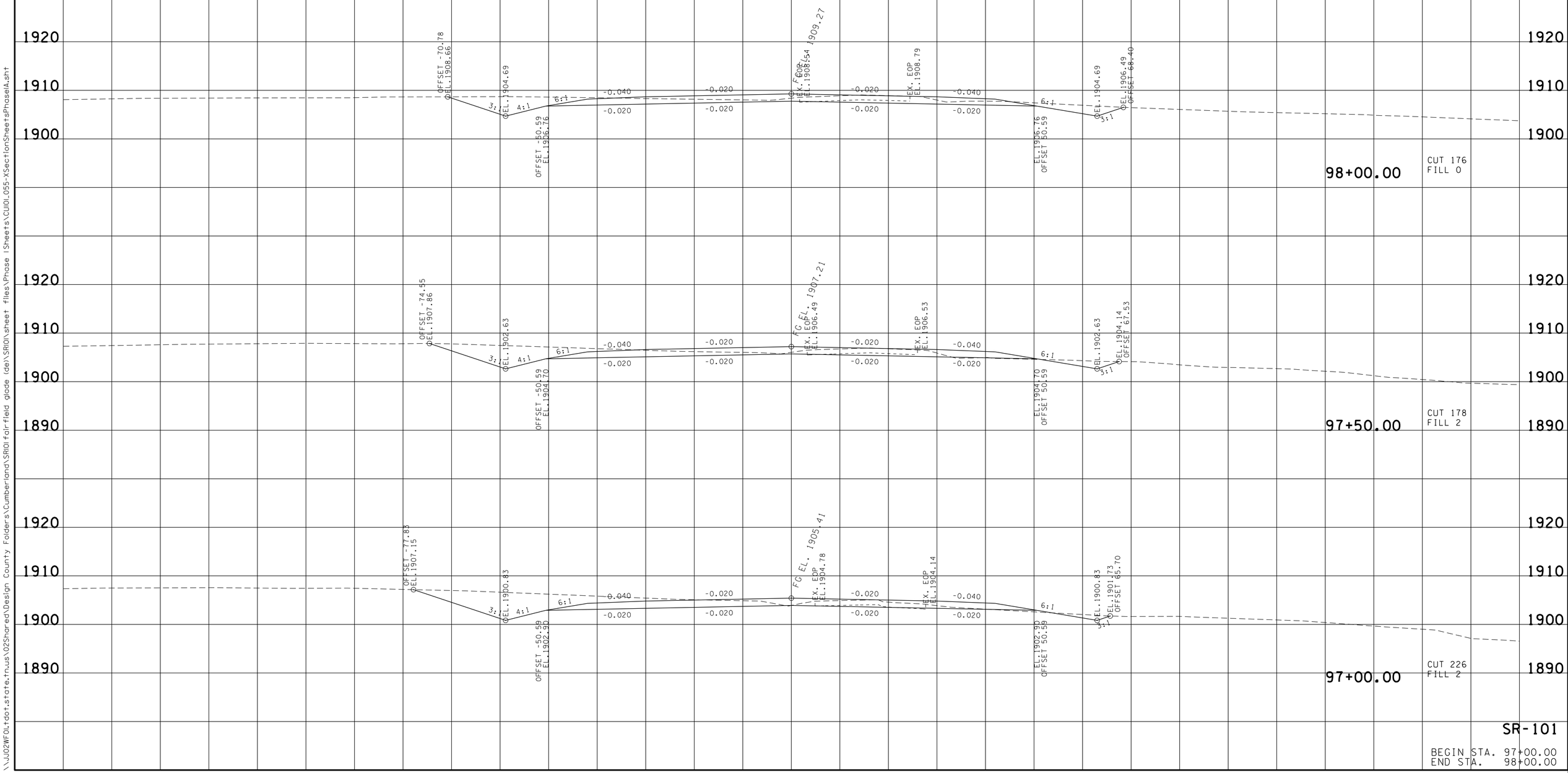
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	53
CONST.	2016	STP-101(16)	71

REV. 09-24-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 97+00.00
END STA. 98+00.00

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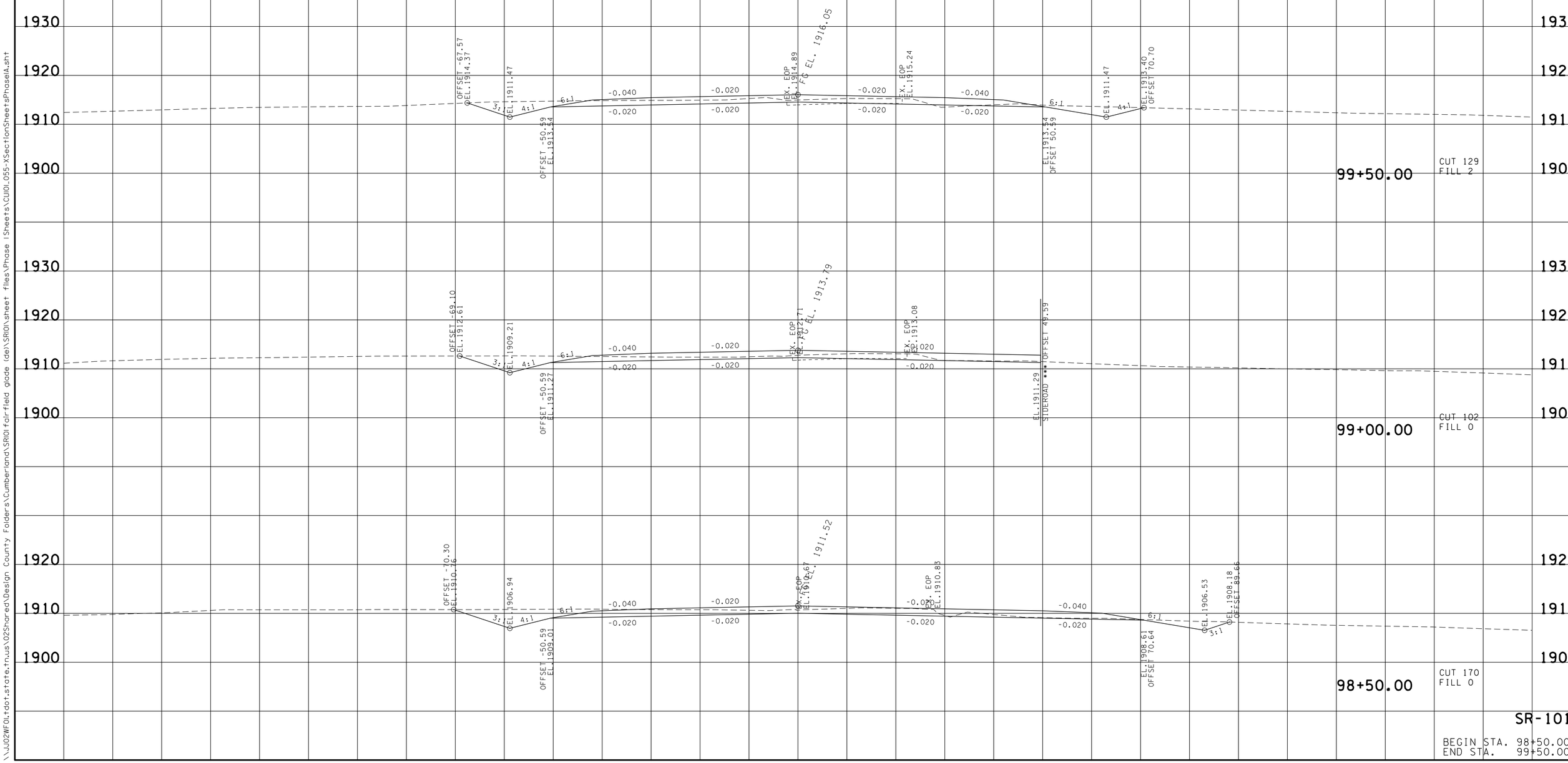
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	54
CONST.	2016	STP-101(16)	72

REV. 09-24-12 - UPDATED CROSS SECTIONS
REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 98+50.00
END STA. 99+50.00

20-MAY-2016 11:00
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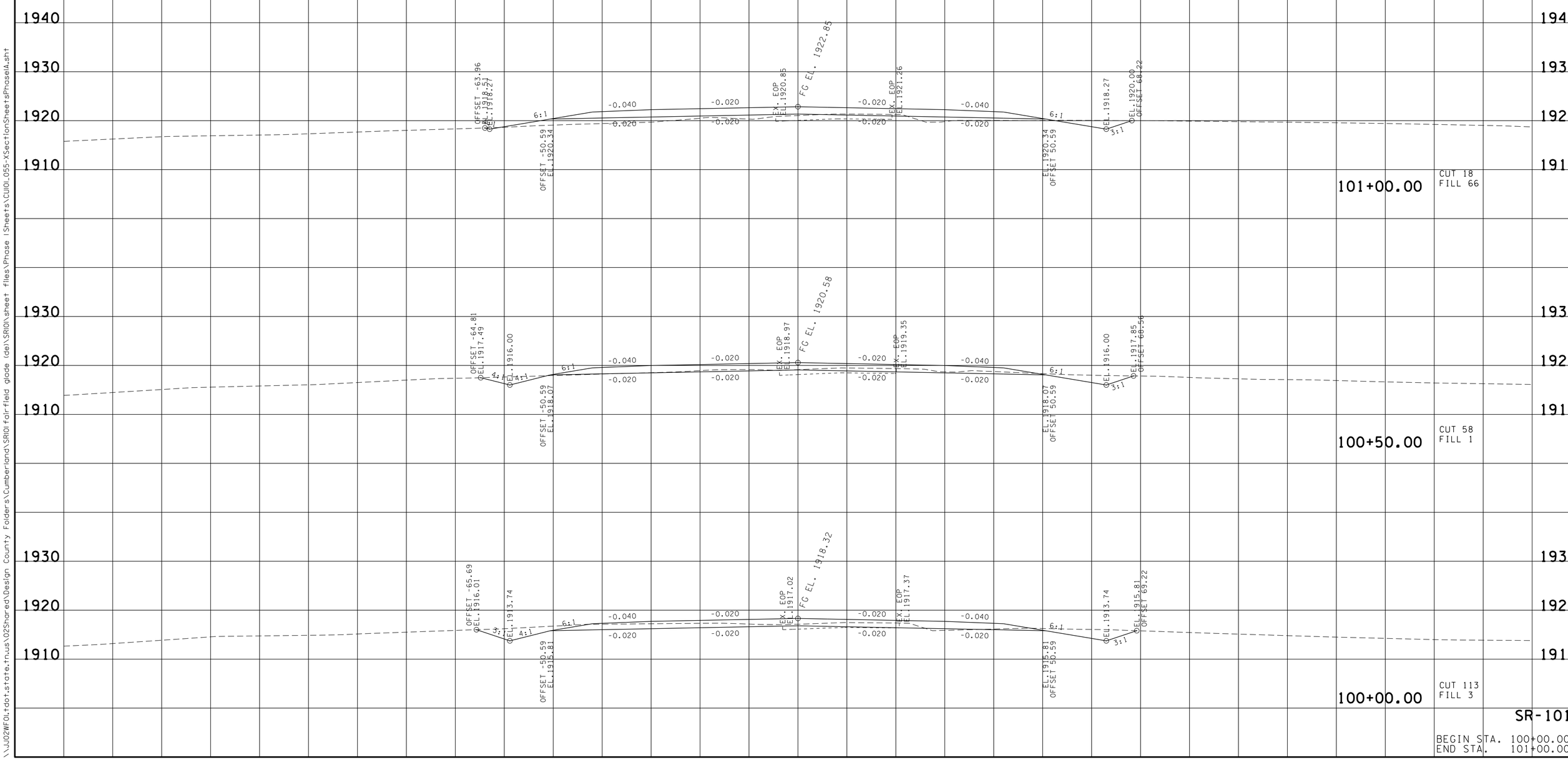
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	55
CONST.	2016	STP-101(16)	73

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

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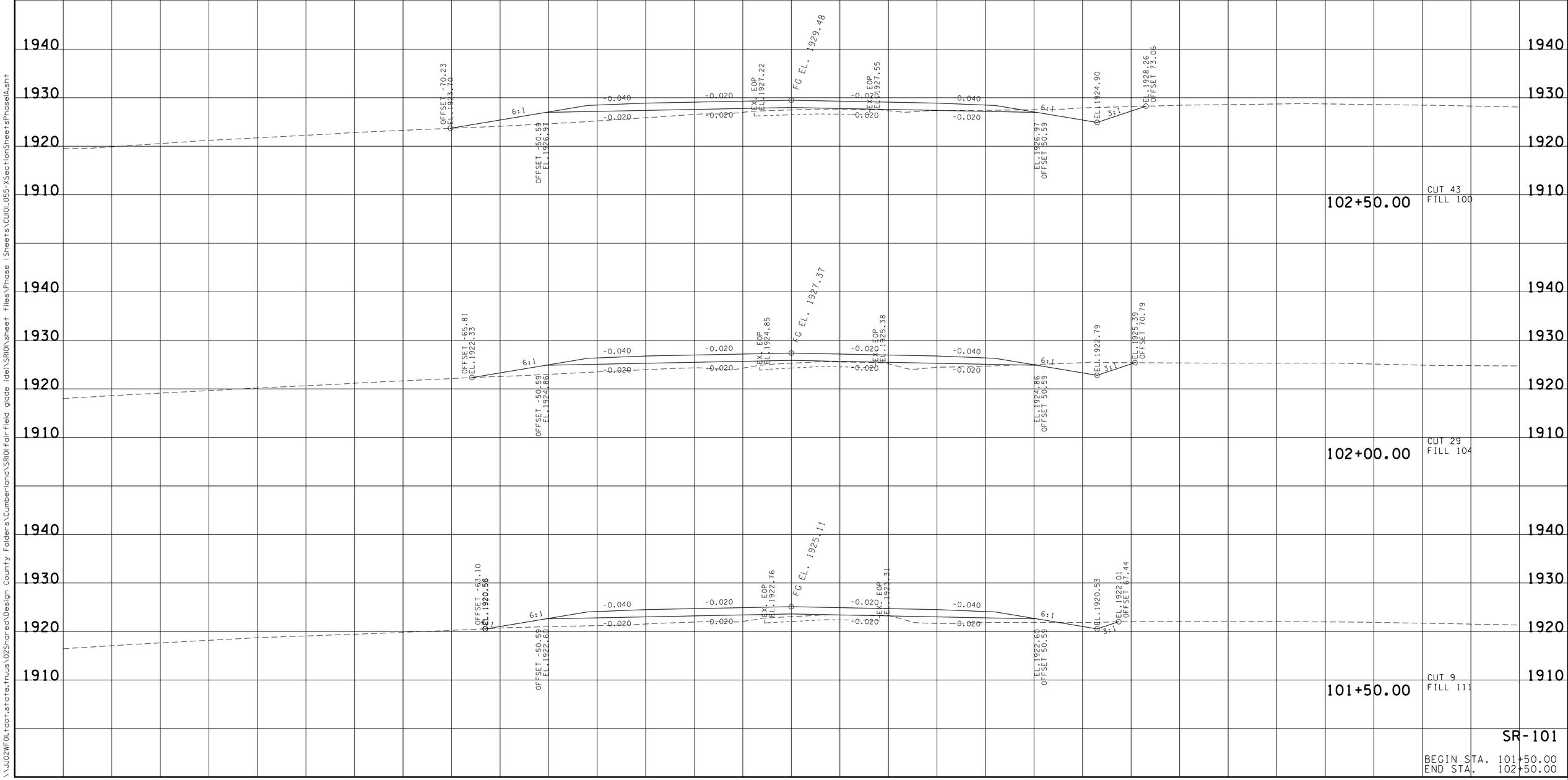
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	56
CONST.	2016	STP-101(16)	74

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 101+50.00
END STA. 102+50.00

20-MAY-2016 11:00
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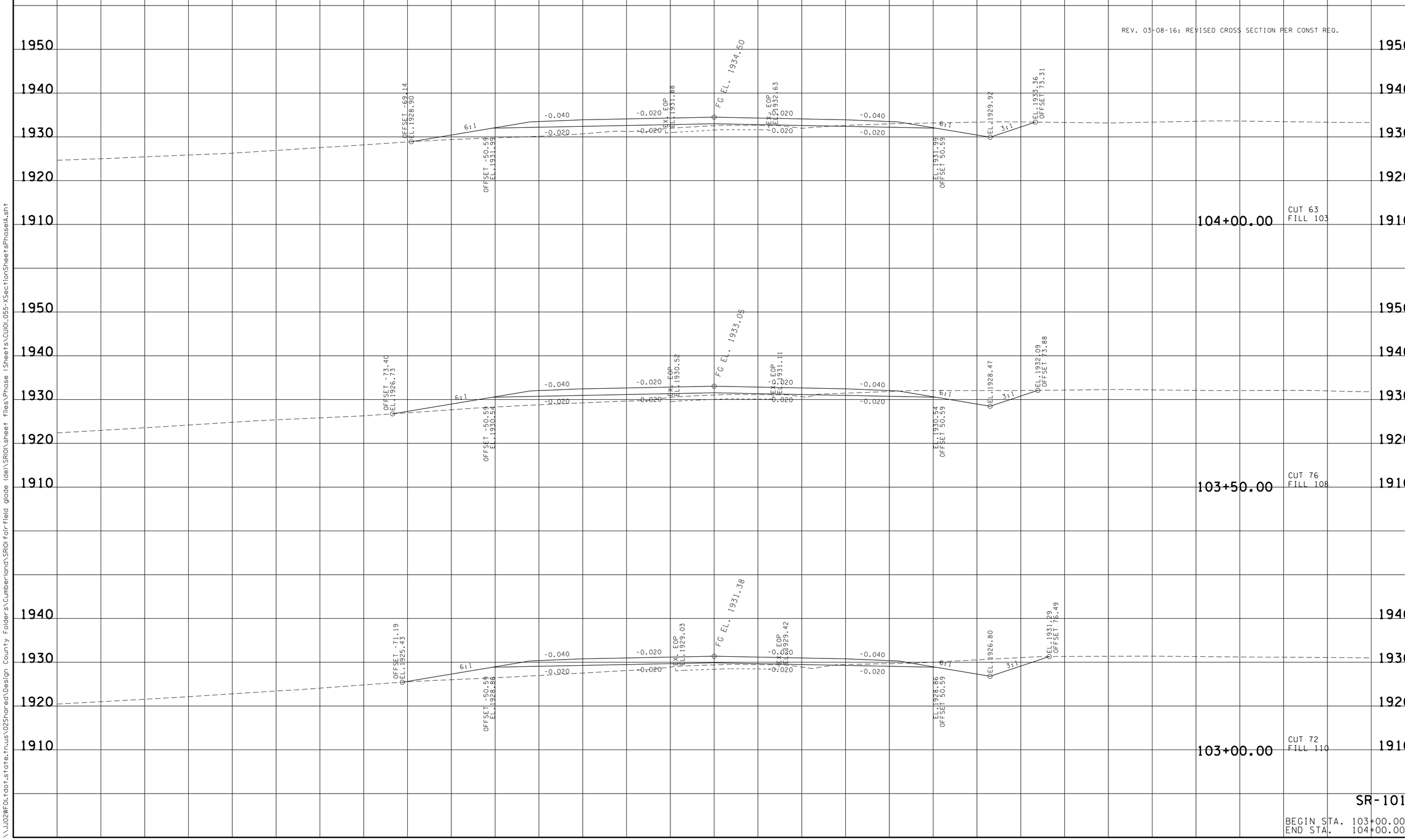
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	57
CONST.	2016	STP-101(16)	75

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 103+00.00
END STA. 104+00.00

20-MAY-2016 11:00
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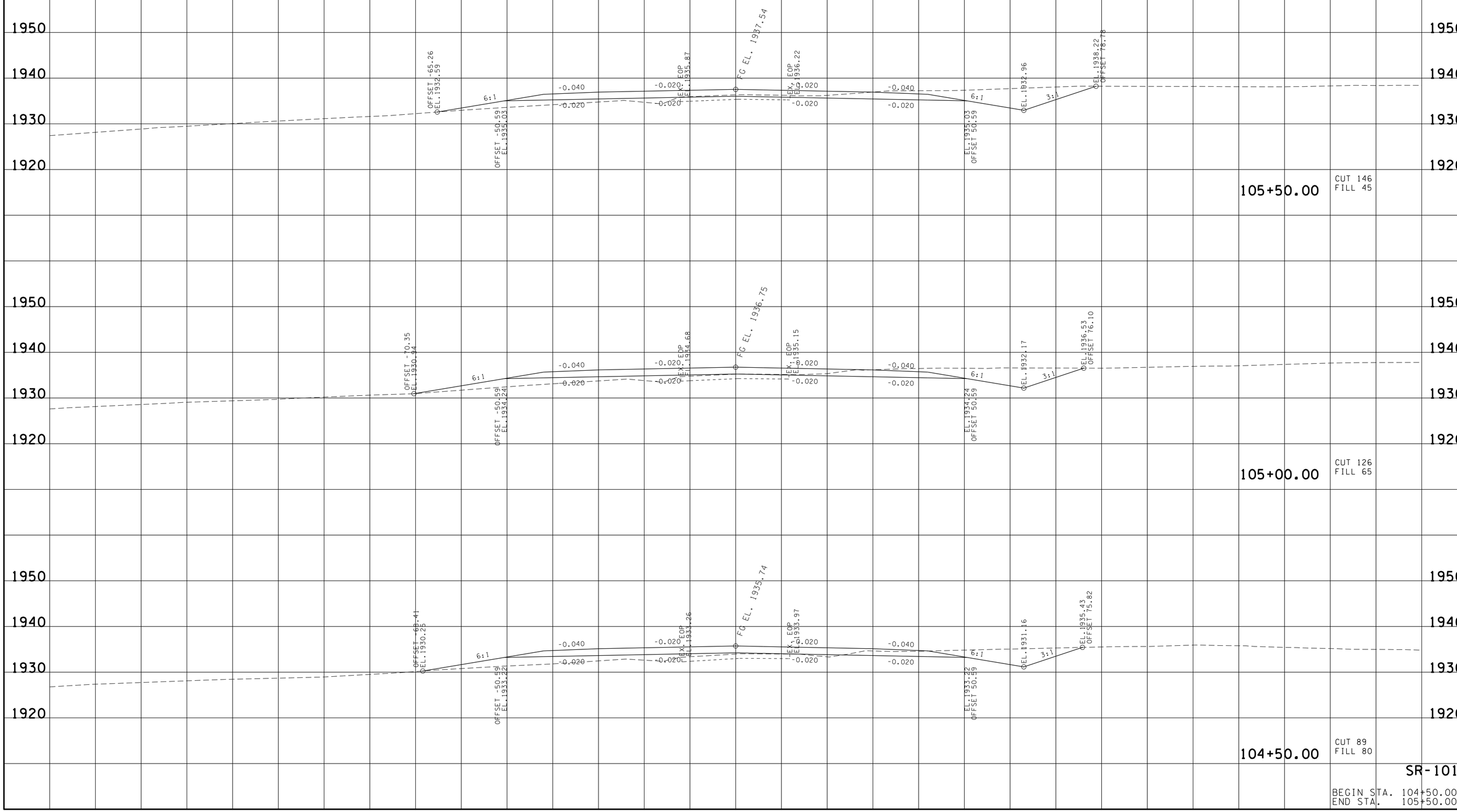
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	58
CONST.	2016	STP-101(16)	76

REV. 5-22-13: UPDATE YEAR.



SR-101

BEGIN STA. 104+50.00
END STA. 105+50.00

20-MAY-2016 11:00
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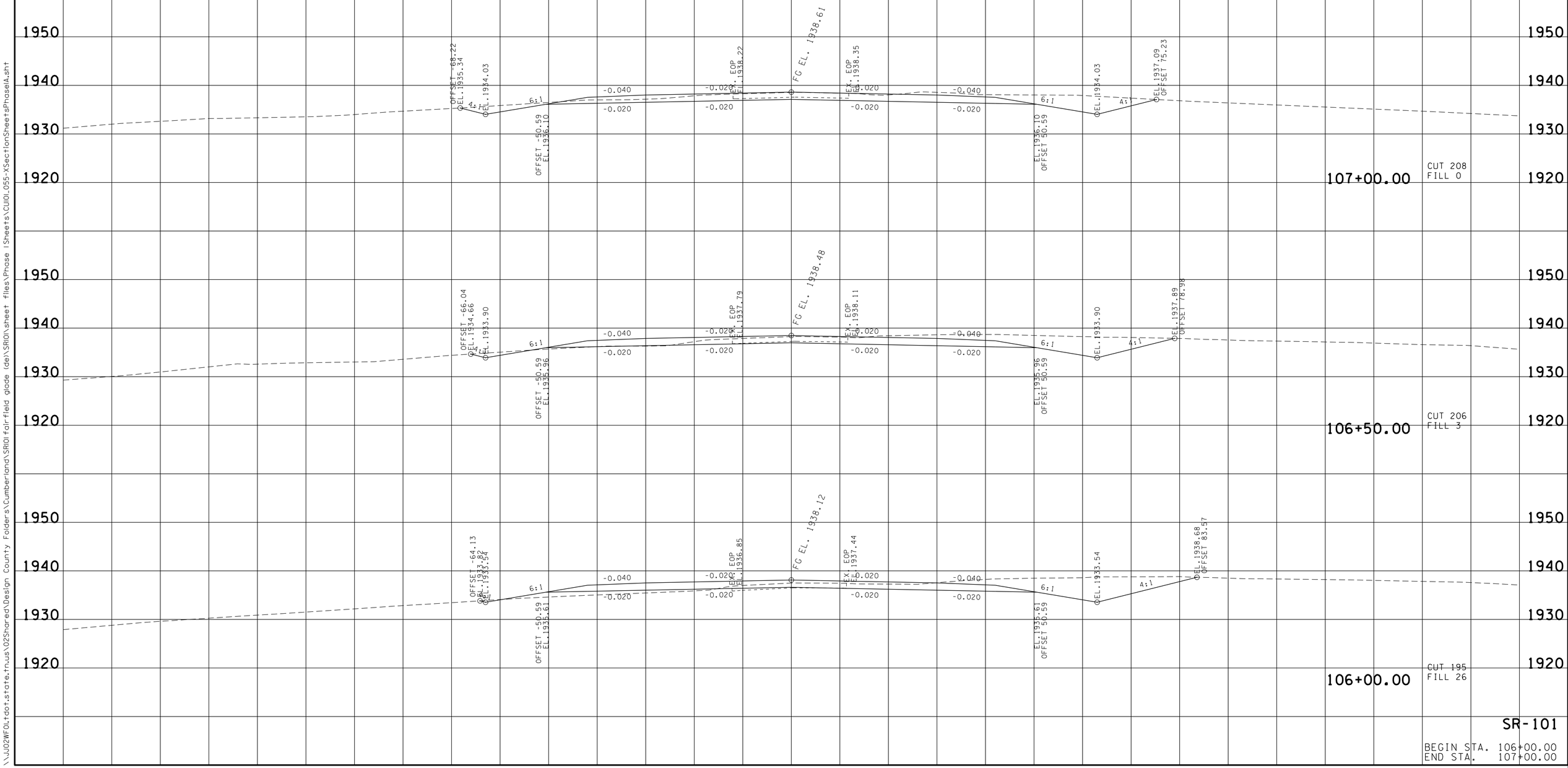
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	59
CONST.	2016	STP-101(16)	77

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 106+00.00
END STA. 107+00.00

20-MAY-2016 11:01
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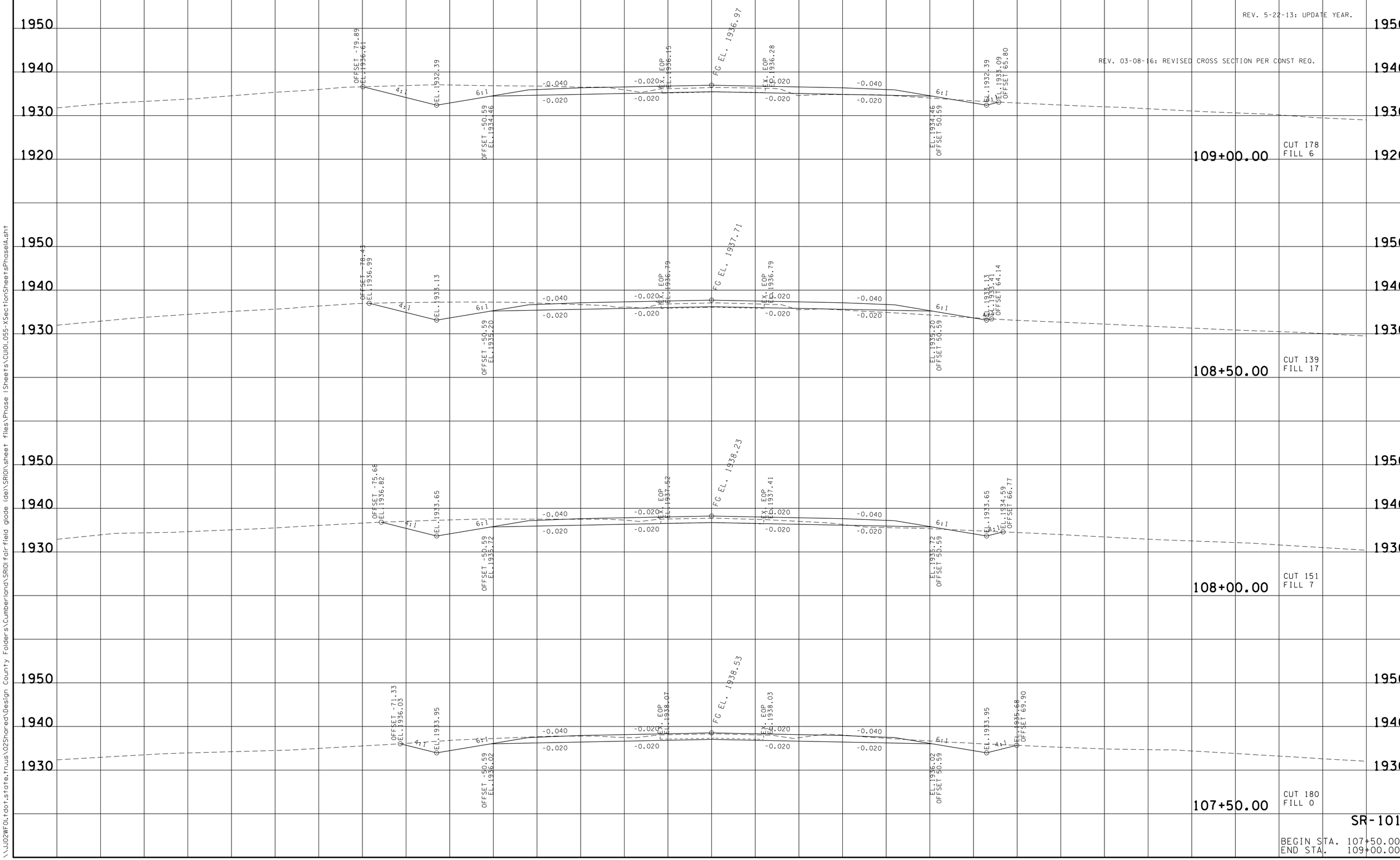
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	60
CONST.	2016	STP-101(16)	78

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 107+50.00
END STA. 109+00.00

20-MAY-2016 11:01
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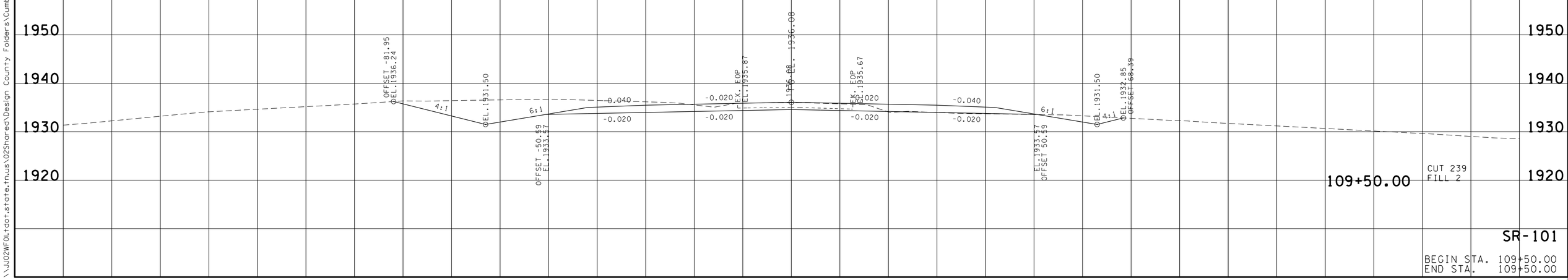
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	61
CONST.	2016	STP-101(16)	79

REV. 5-22-13: UPDATE YEAR.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.

REV. 03-08-16: REVISED CROSS SECTION PER CONST REQ.



SR-101

BEGIN STA. 109+50.00
END STA. 109+50.00

20-MAY-2016 11:01
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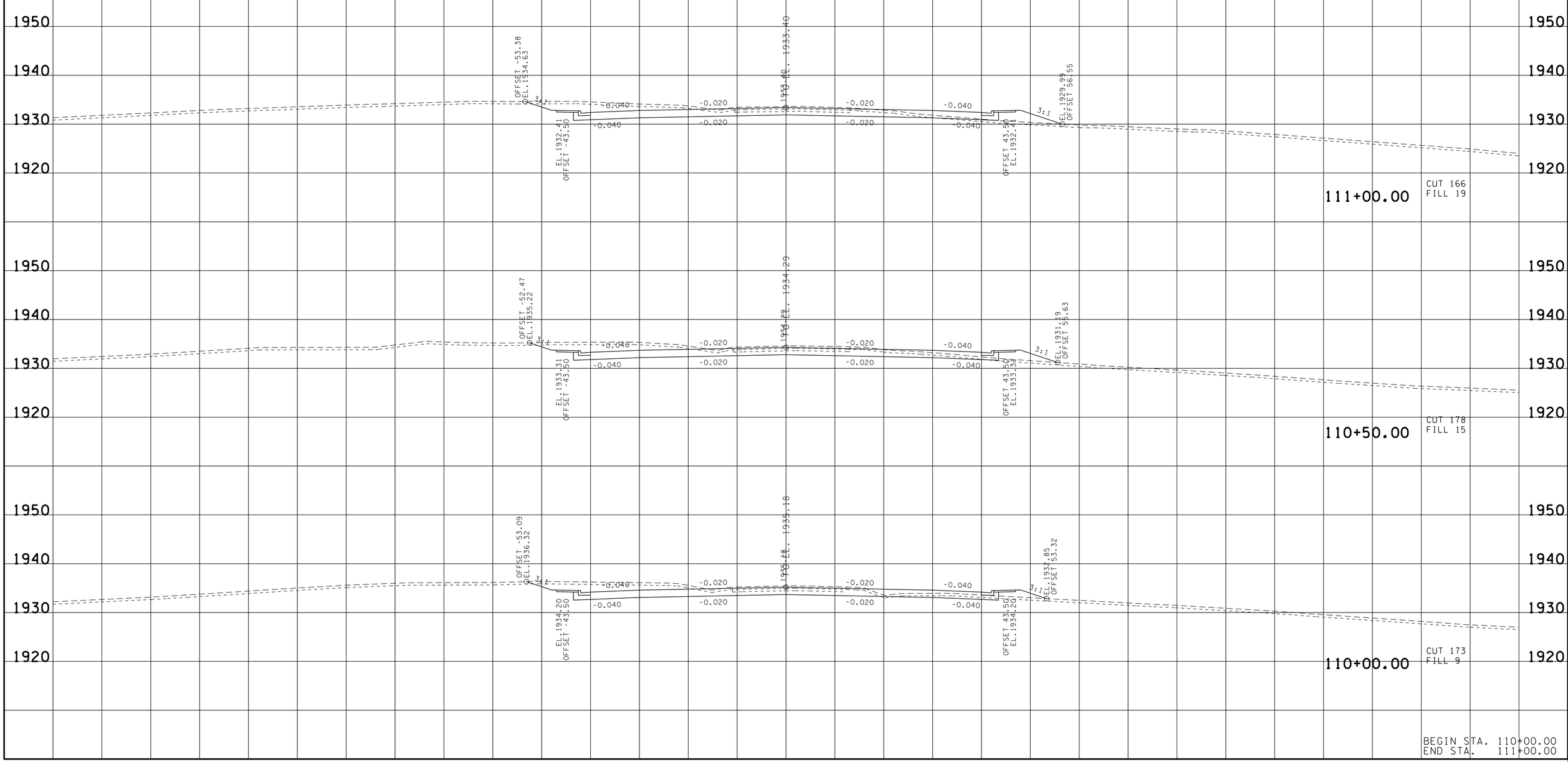
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	62
CONST.	2016	STP-101(16)	80

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 110+00.00
END STA. 111+00.00

23-MAY-2016 07:57
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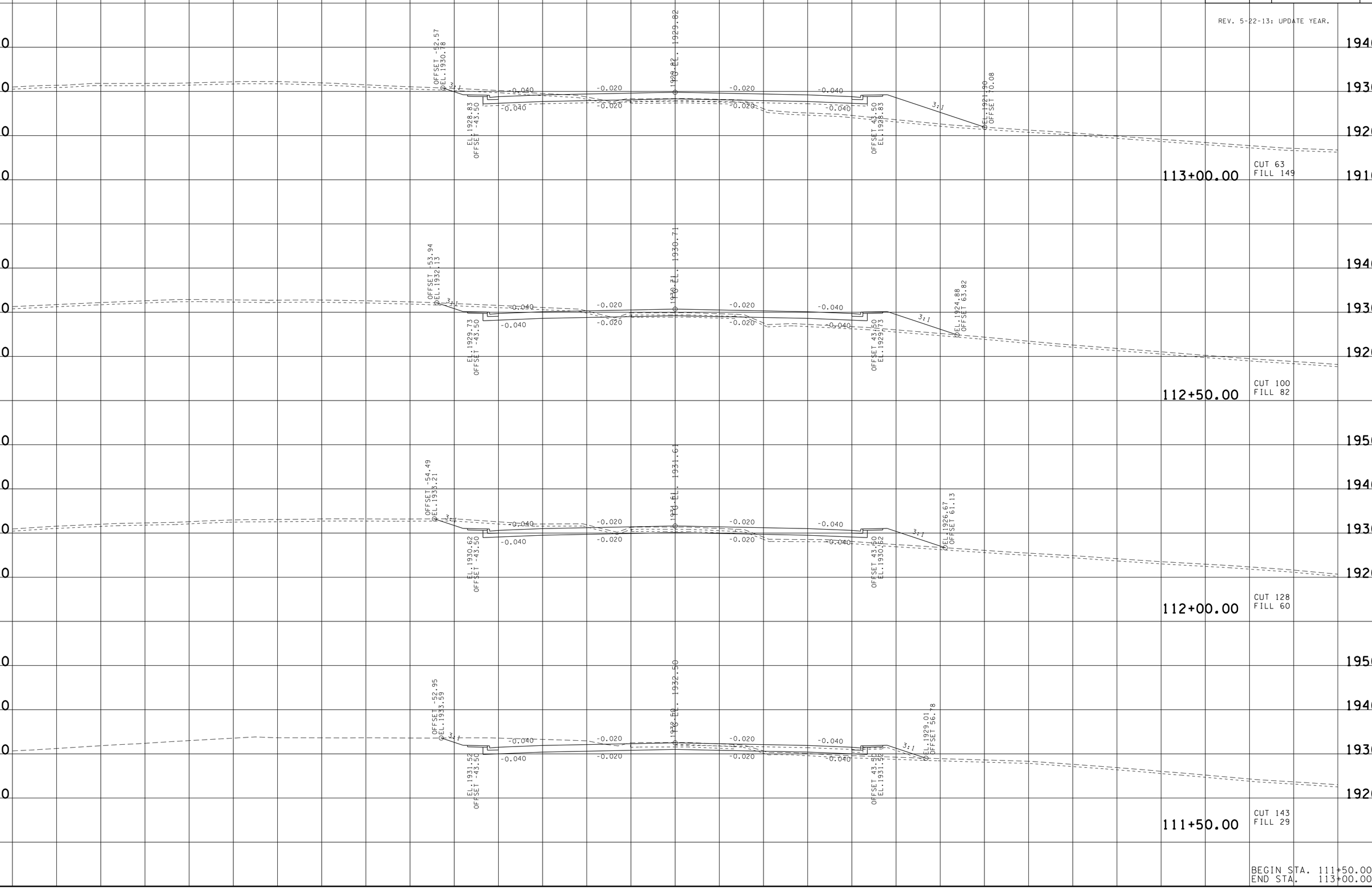
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	63
CONST.	2016	STP-101(16)	81

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



BEGIN STA. 111+50.00
END STA. 113+00.00

23-MAY-2016 07:57
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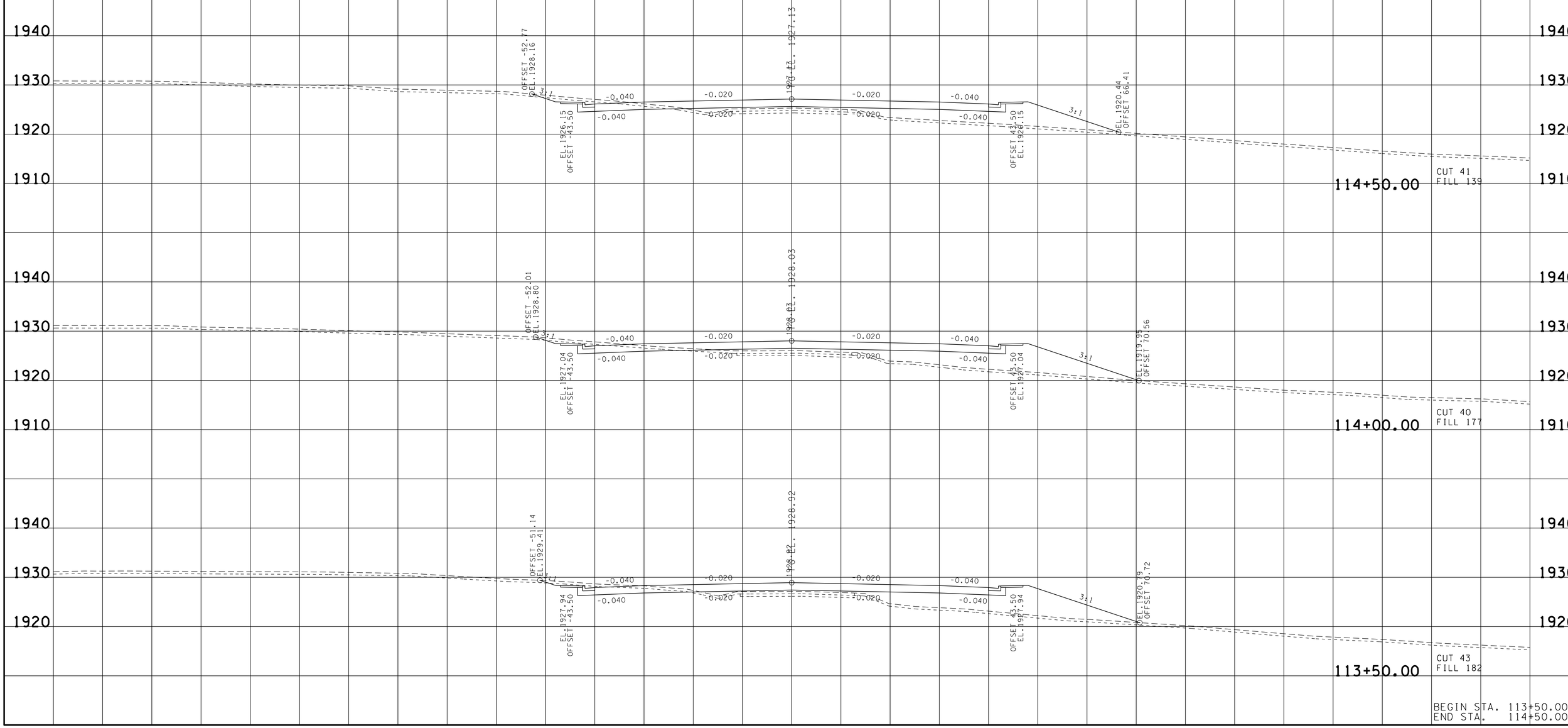
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	64
CONST.	2016	STP-101(16)	82

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



BEGIN STA. 113+50.00
END STA. 114+50.00

23-MAY-2016 07:57
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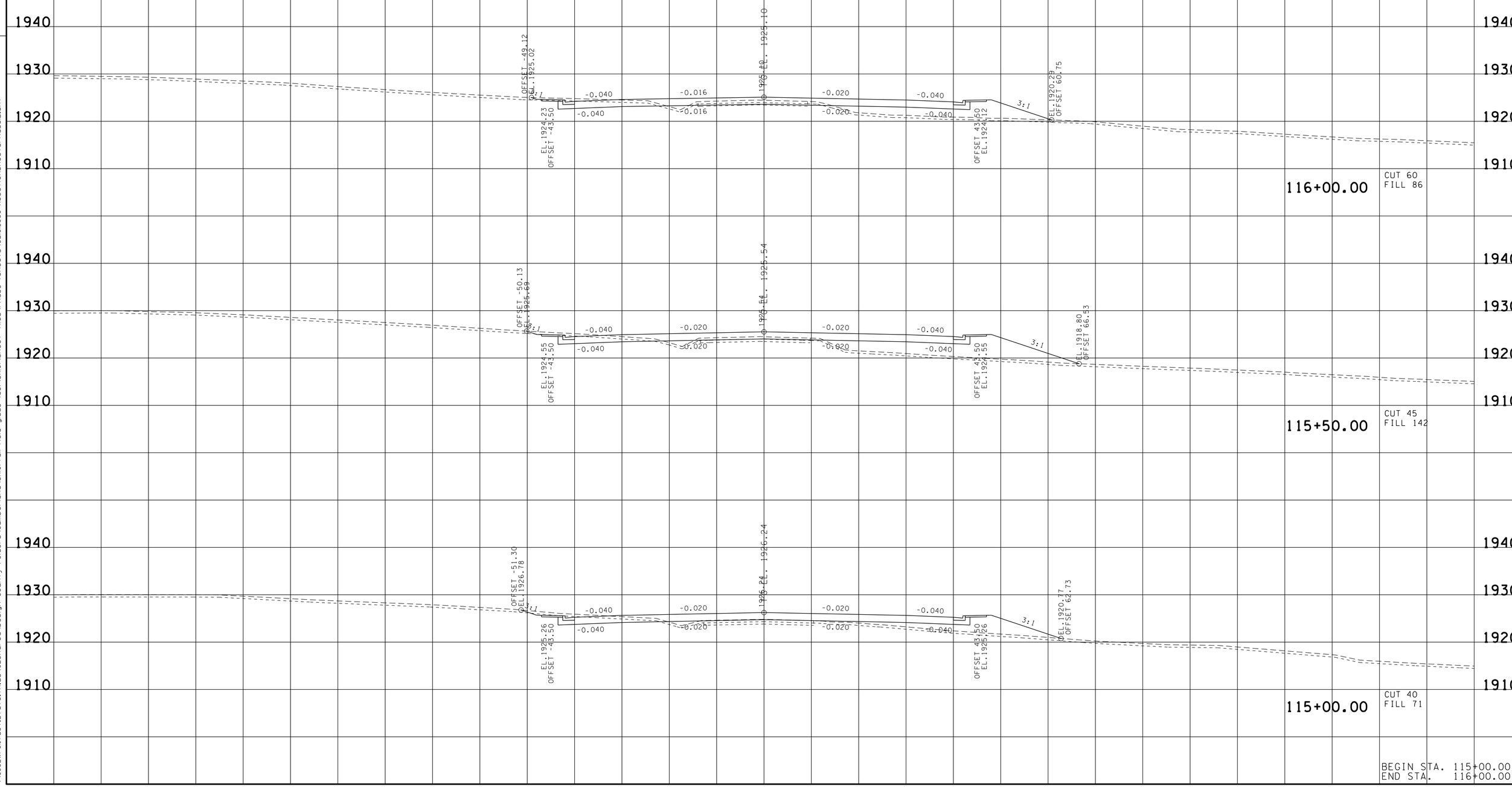
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	65
CONST.	2016	STP-101(16)	83

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 115+00.00
END STA. 116+00.00

23-MAY-2016 07:58
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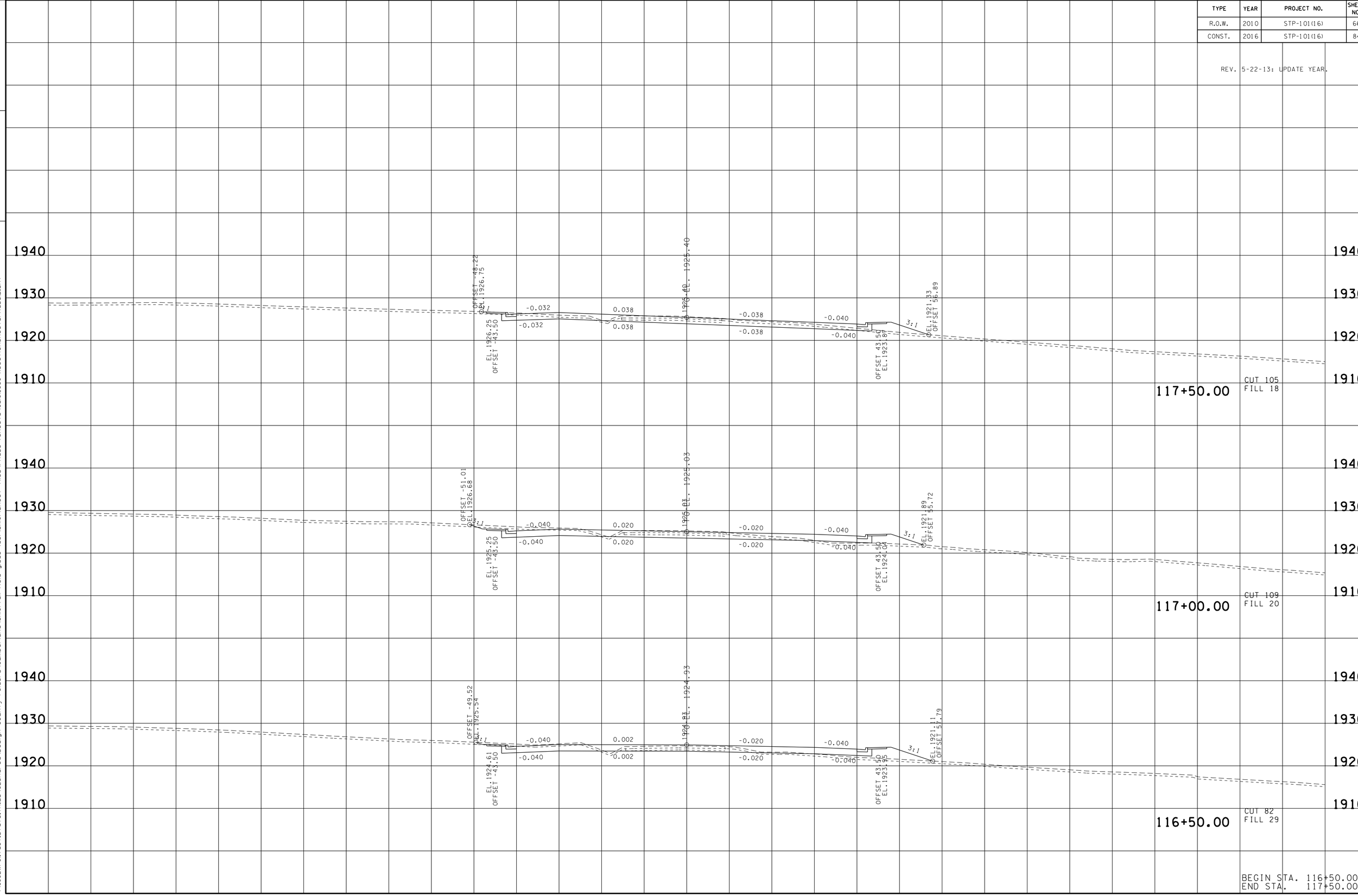
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	66
CONST.	2016	STP-101(16)	84

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 116+50.00
END STA. 117+50.00

23-MAY-2016 07:58
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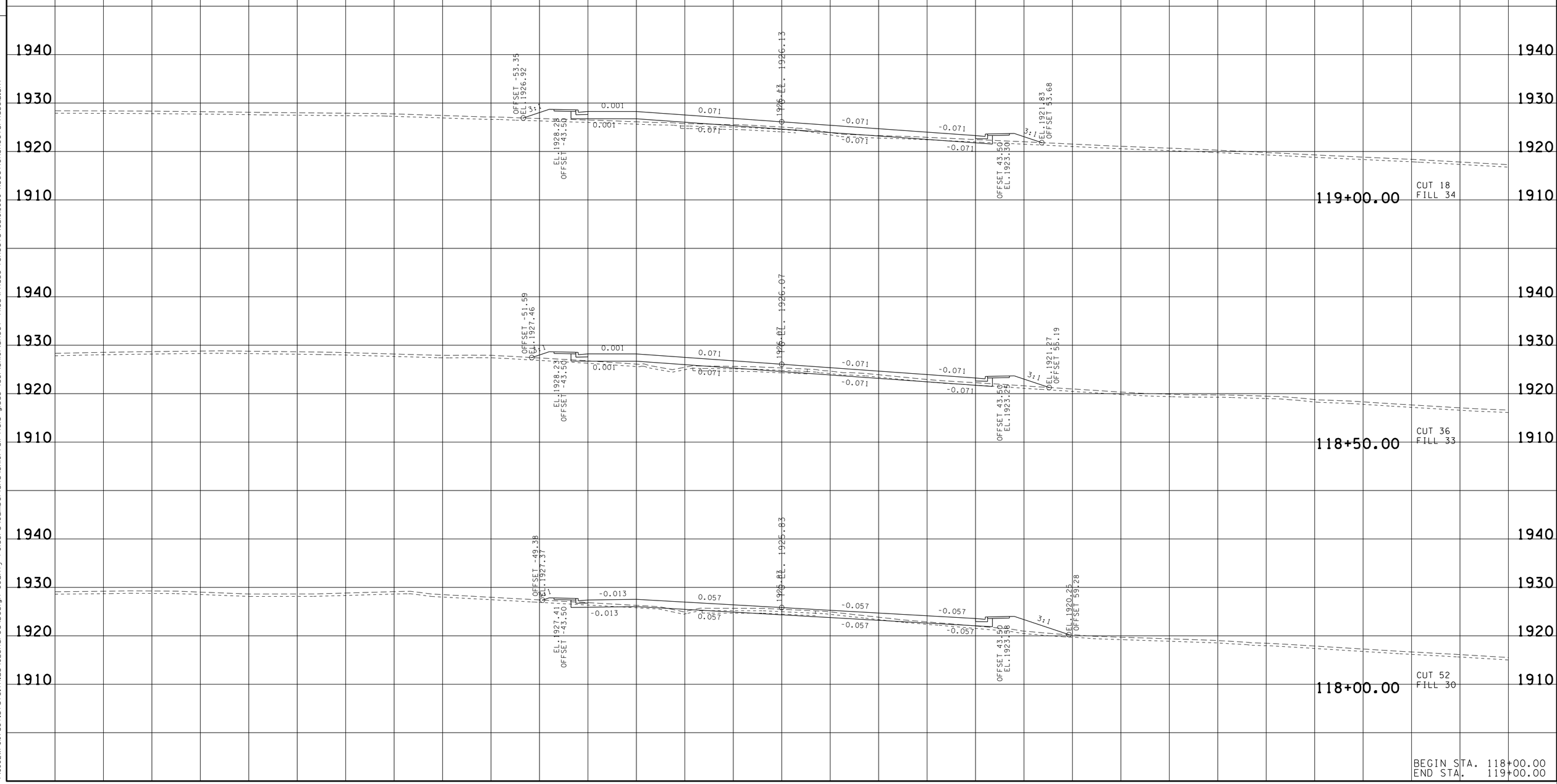
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	67
CONST.	2016	STP-101(16)	85

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 118+00.00
END STA. 119+00.00

23-MAY-2016 07:58
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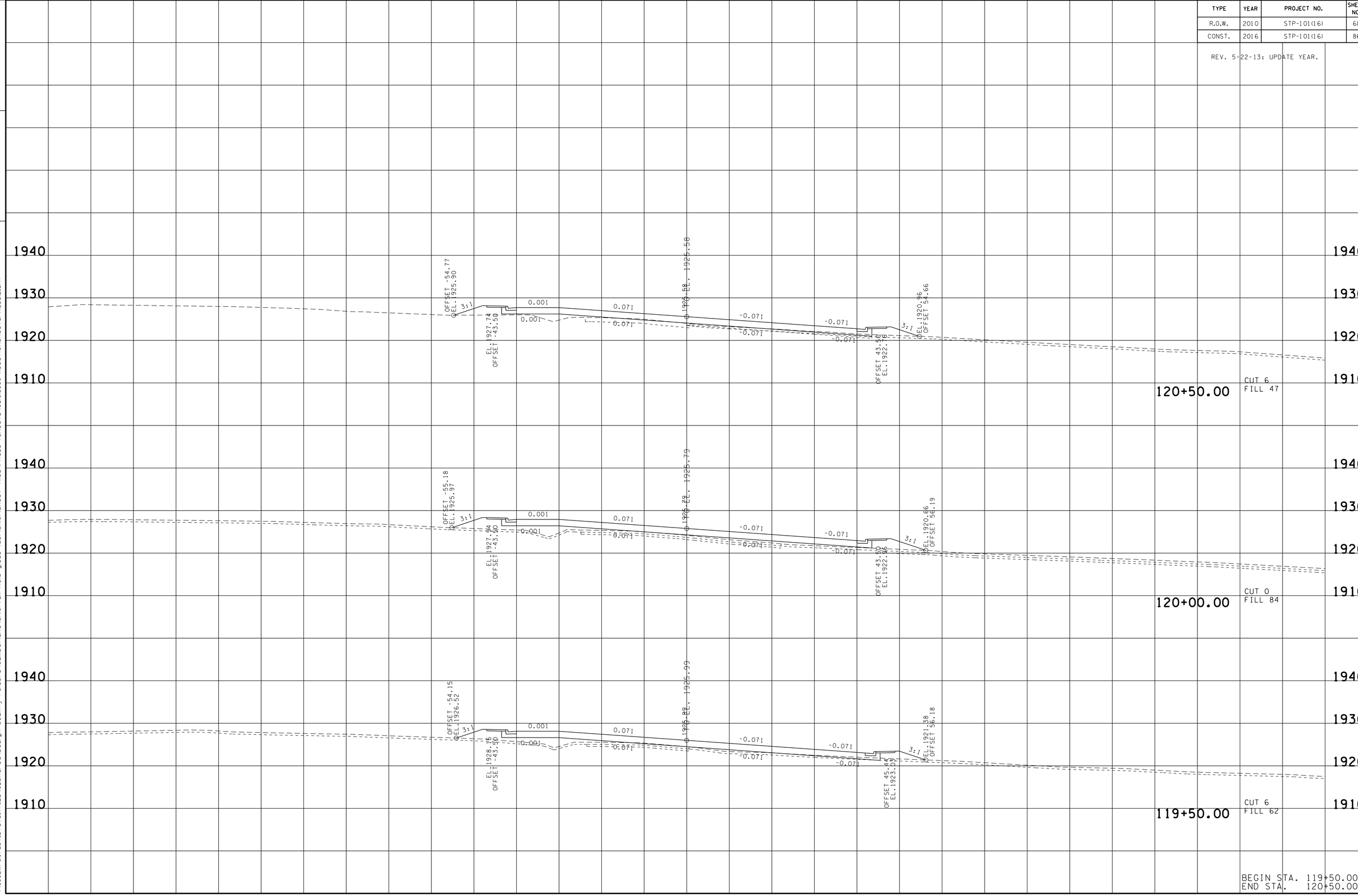
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	68
CONST.	2016	STP-101(16)	86

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 119+50.00
END STA. 120+50.00

23-MAY-2016 07:59
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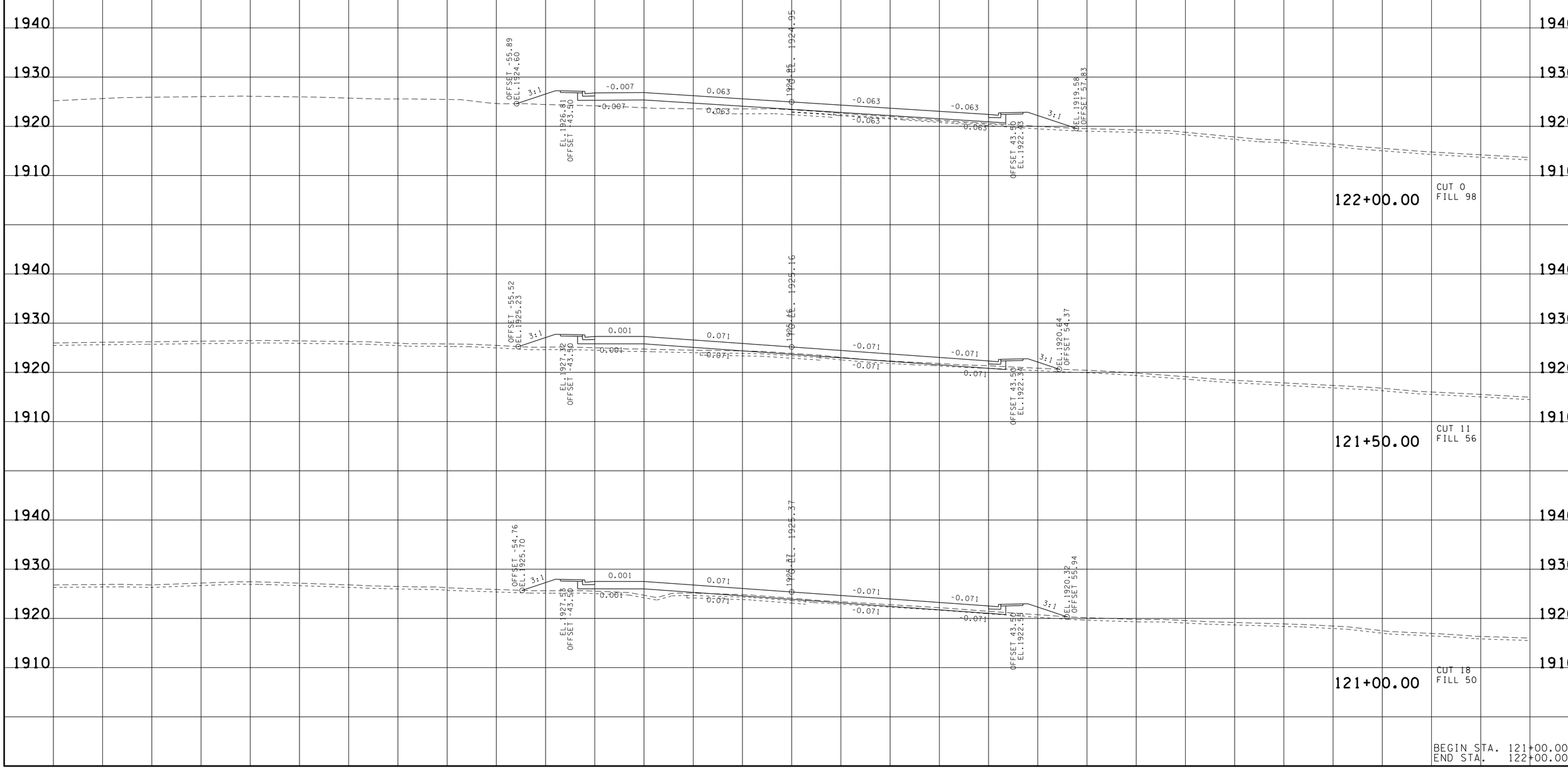
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	69
CONST.	2016	STP-101(16)	87

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 121+00.00
END STA. 122+00.00

23-MAY-2016 07:59
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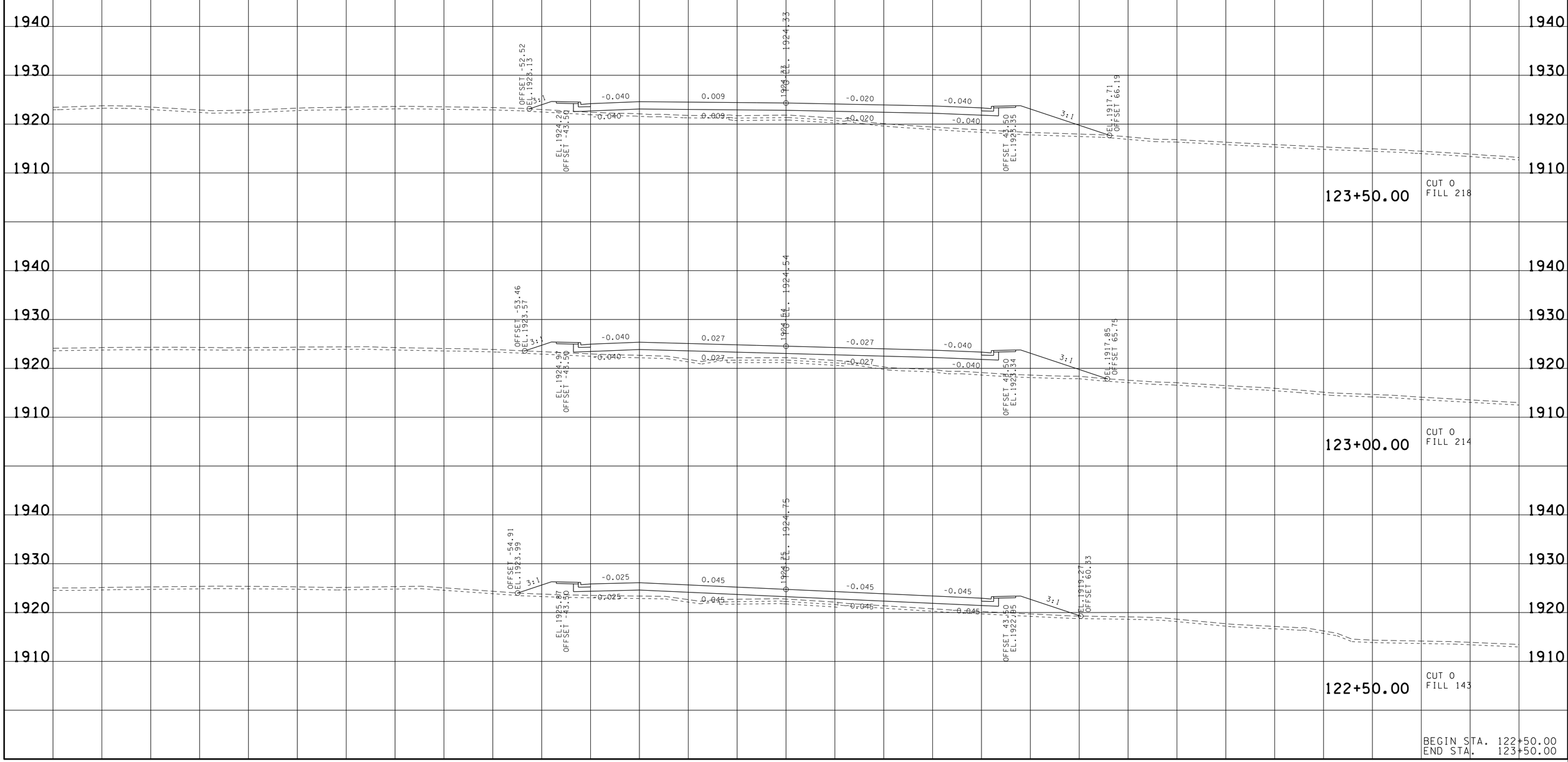
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	70
CONST.	2016	STP-101(16)	88

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 122+50.00
END STA. 123+50.00

23-MAY-2016 08:00
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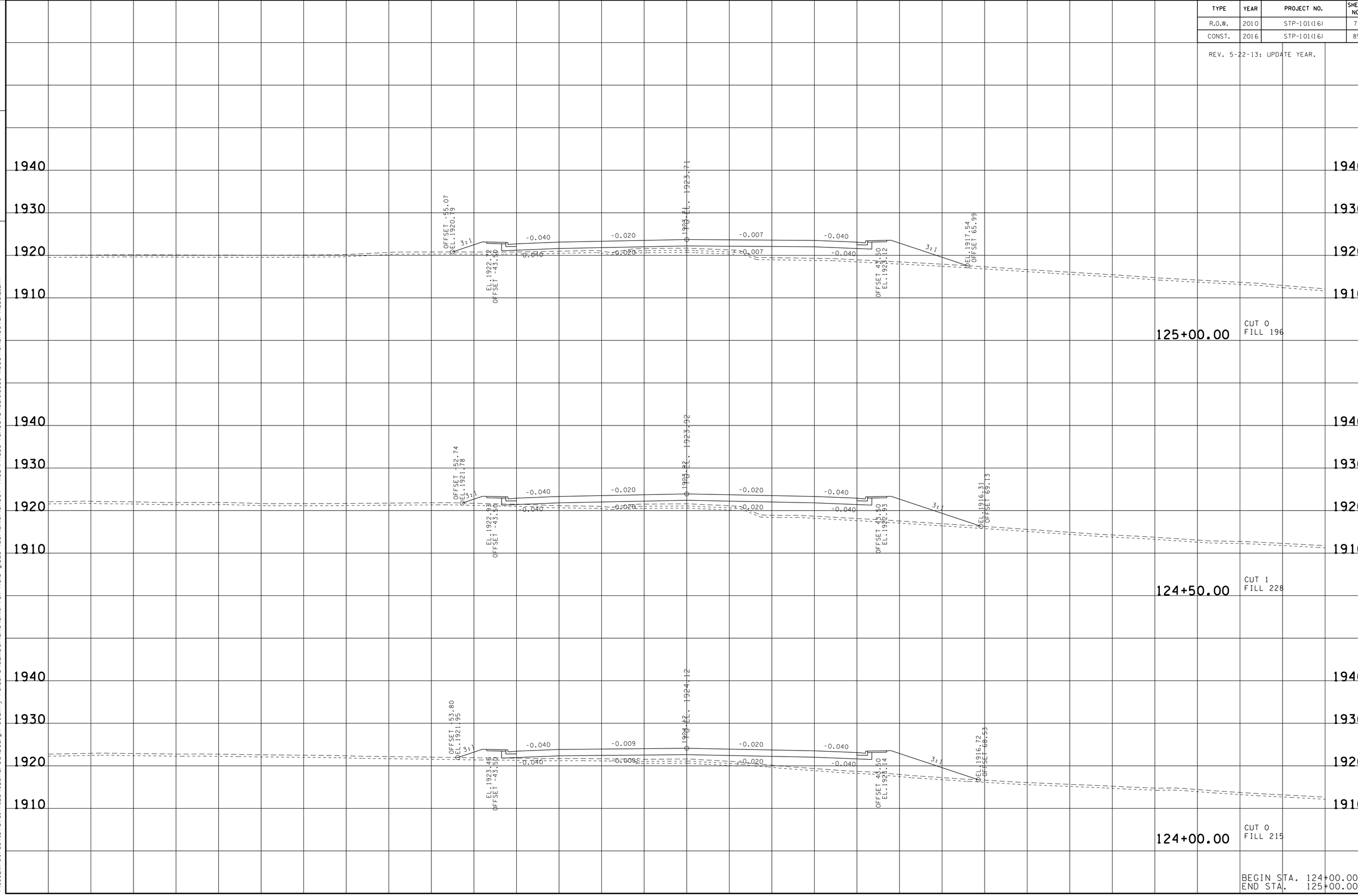
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	71
CONST.	2016	STP-101(16)	89

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



23-MAY-2016 08:00
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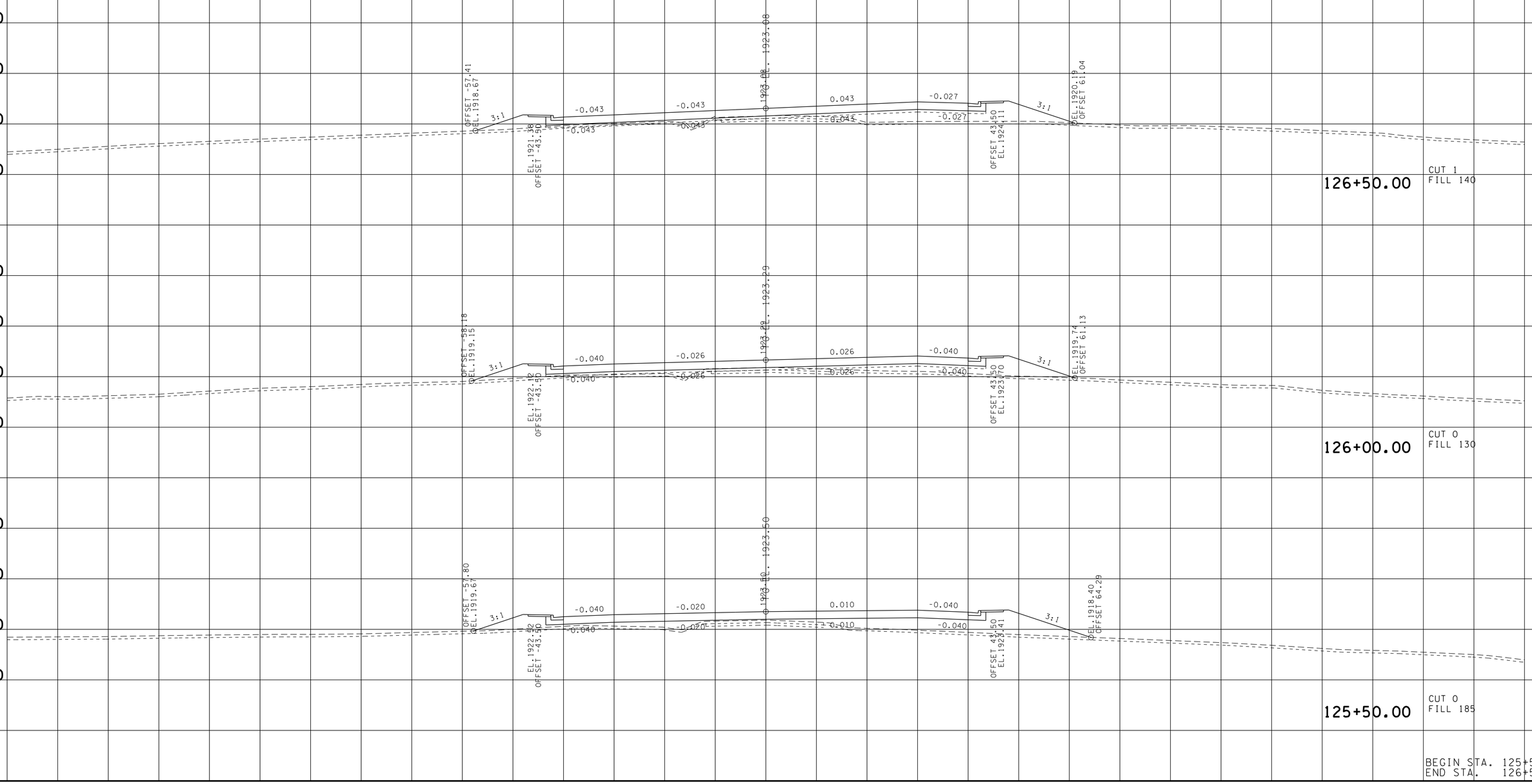
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	72
CONST.	2016	STP-101(16)	90

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 125+50.00
END STA. 126+50.00

23-MAY-2016 08:00
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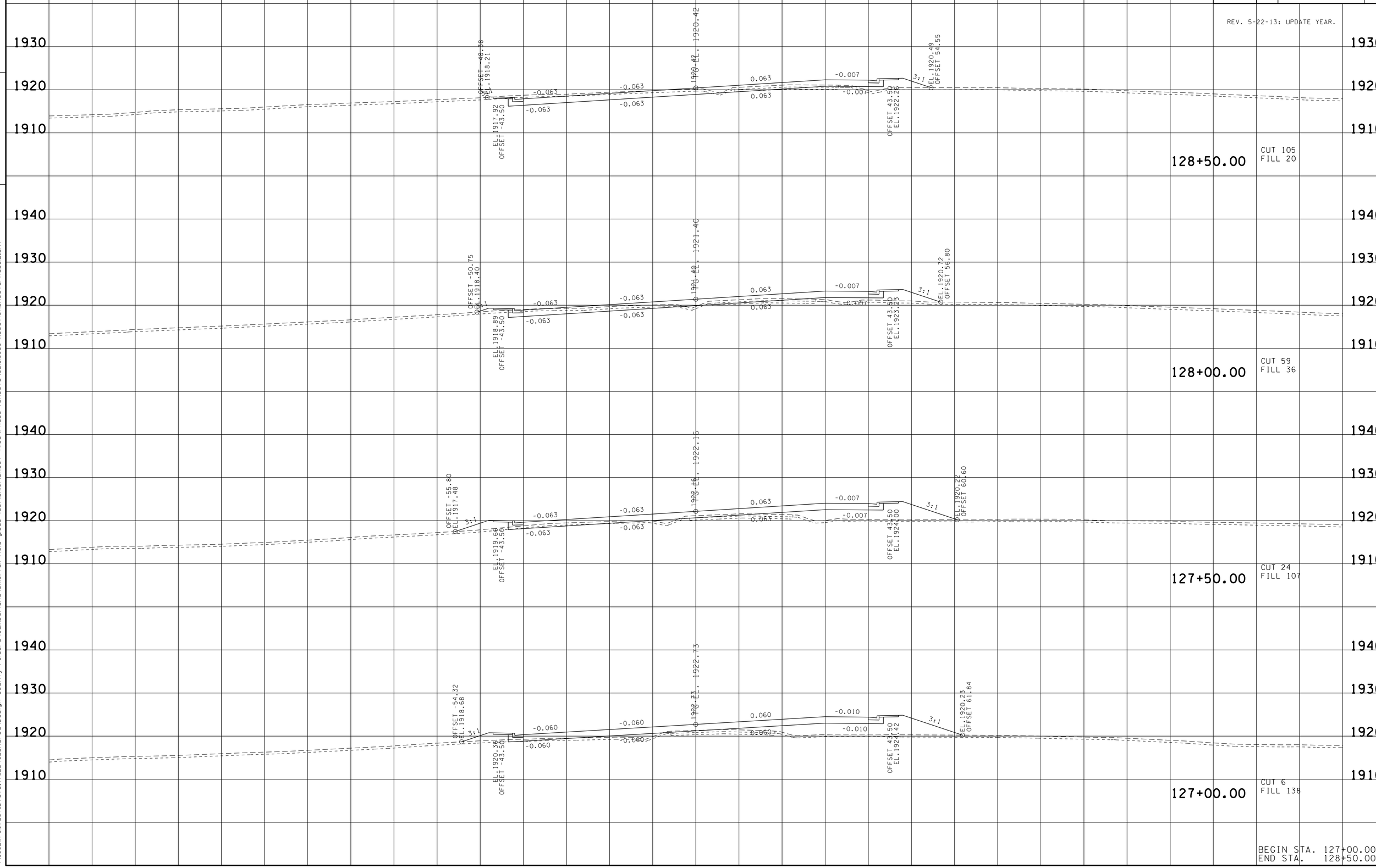
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	73
CONST.	2016	STP-101(16)	91

REV. 5-22-13: UPDATE YEAR.



BEGIN STA. 127+00.00
END STA. 128+50.00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

23-MAY-2016 08:01
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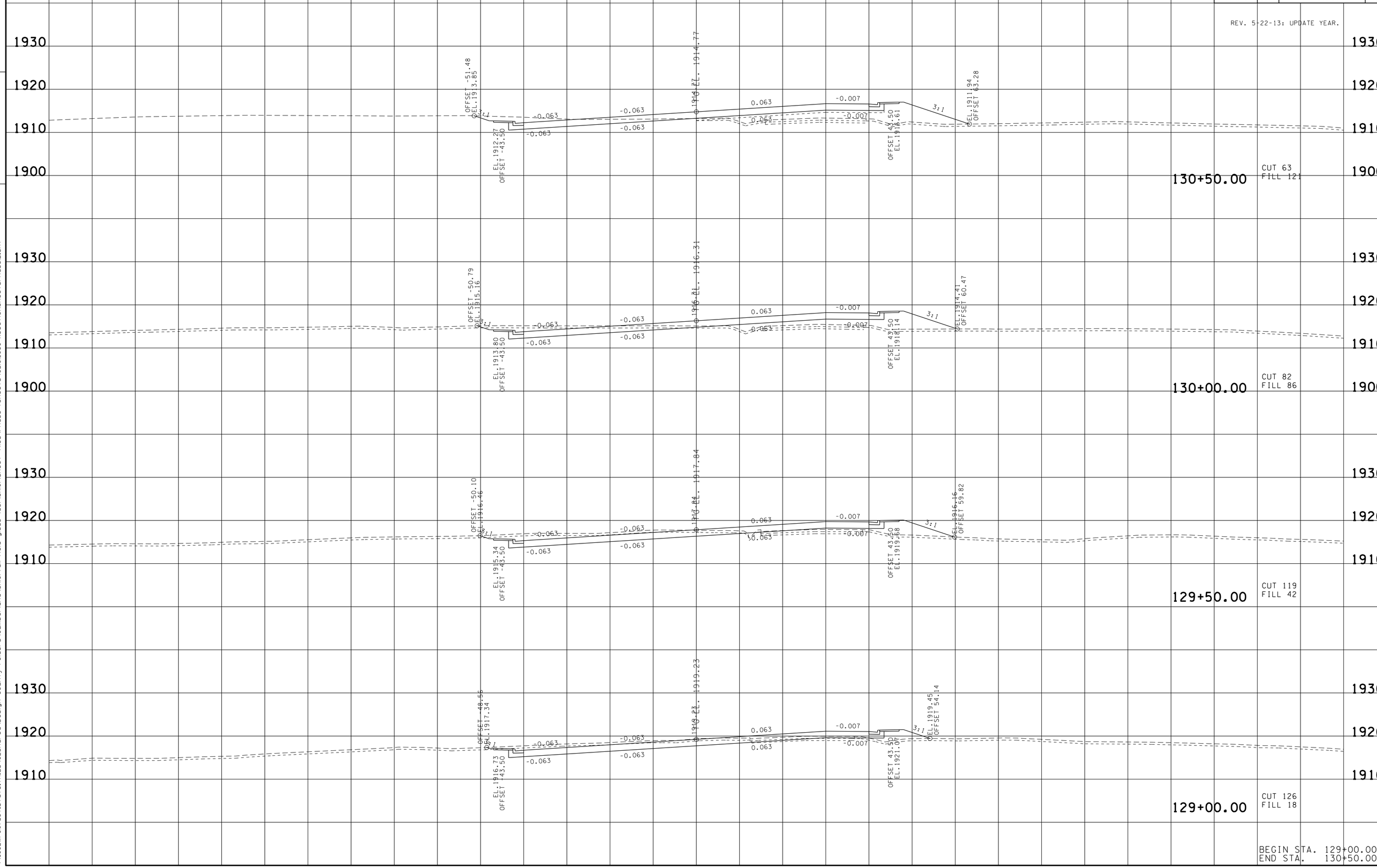
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	74
CONST.	2016	STP-101(16)	92

REV. 5-22-13: UPDATE YEAR.



BEGIN STA. 129+00.00
END STA. 130+50.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 08:01
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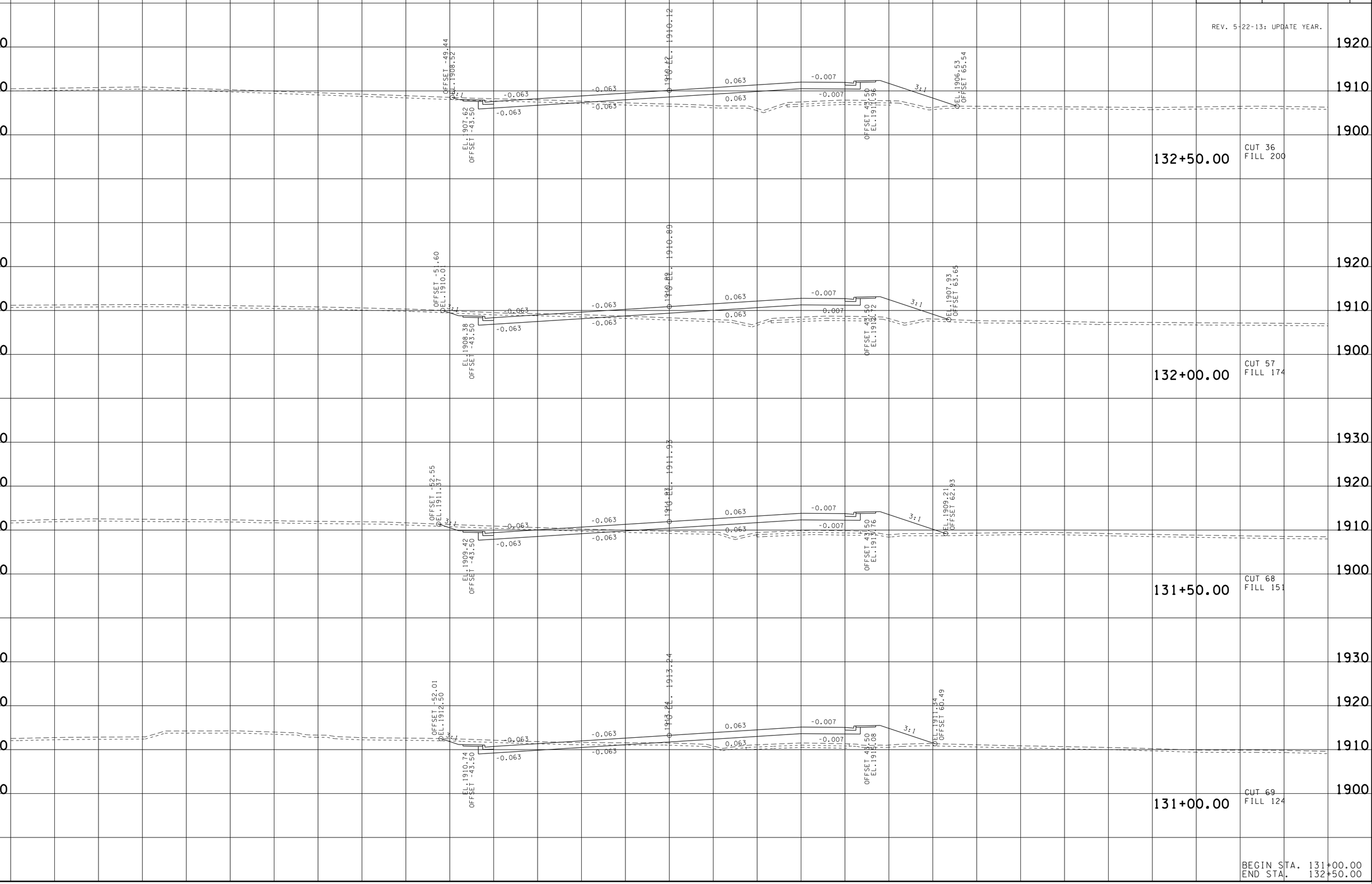
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	75
CONST.	2016	STP-101(16)	93

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 131+00.00
END STA. 132+50.00

23-MAY-2016 08:01
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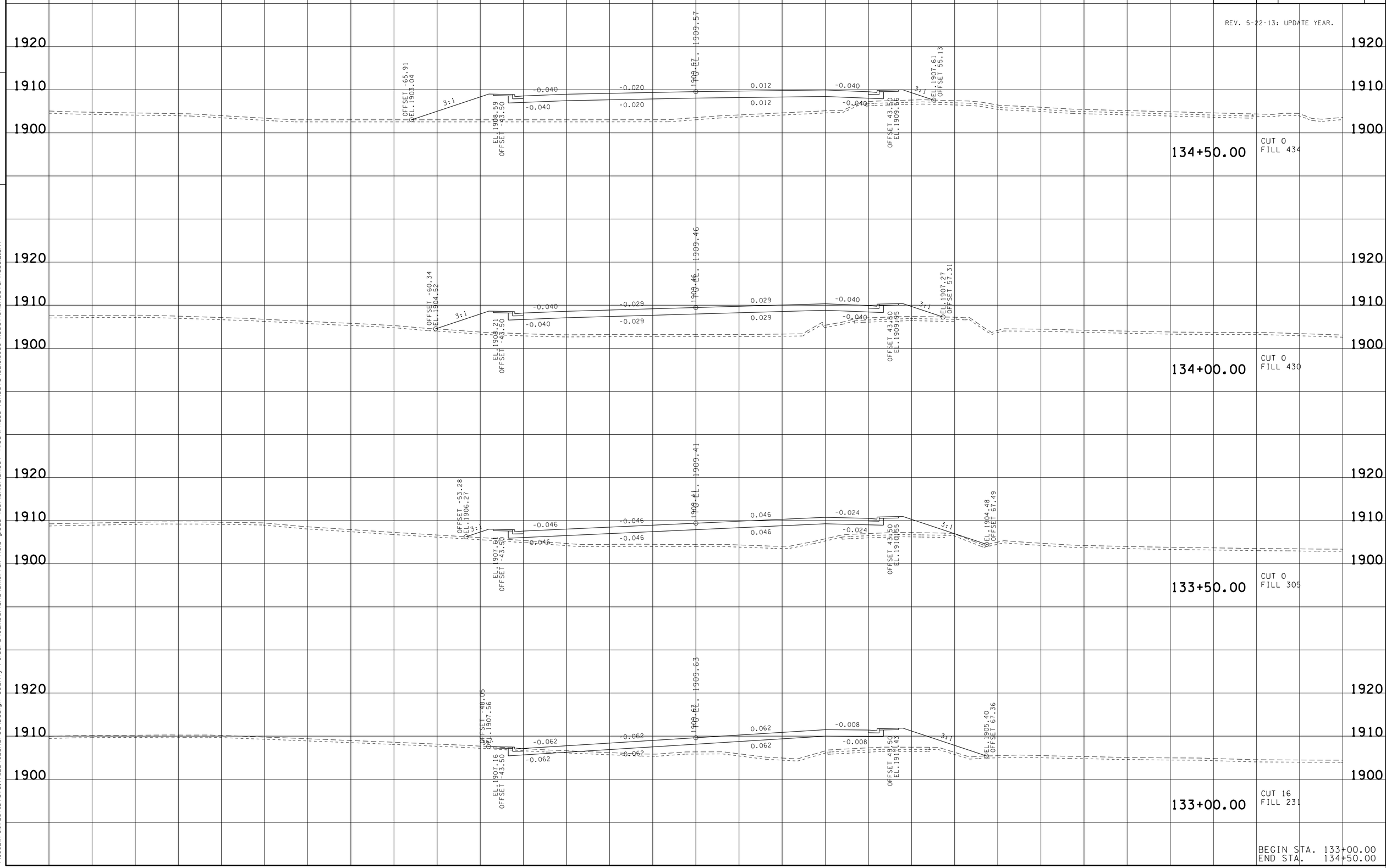
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	76
CONST.	2016	STP-101(16)	94

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 133+00.00
END STA. 134+50.00

23-MAY-2016 08:02
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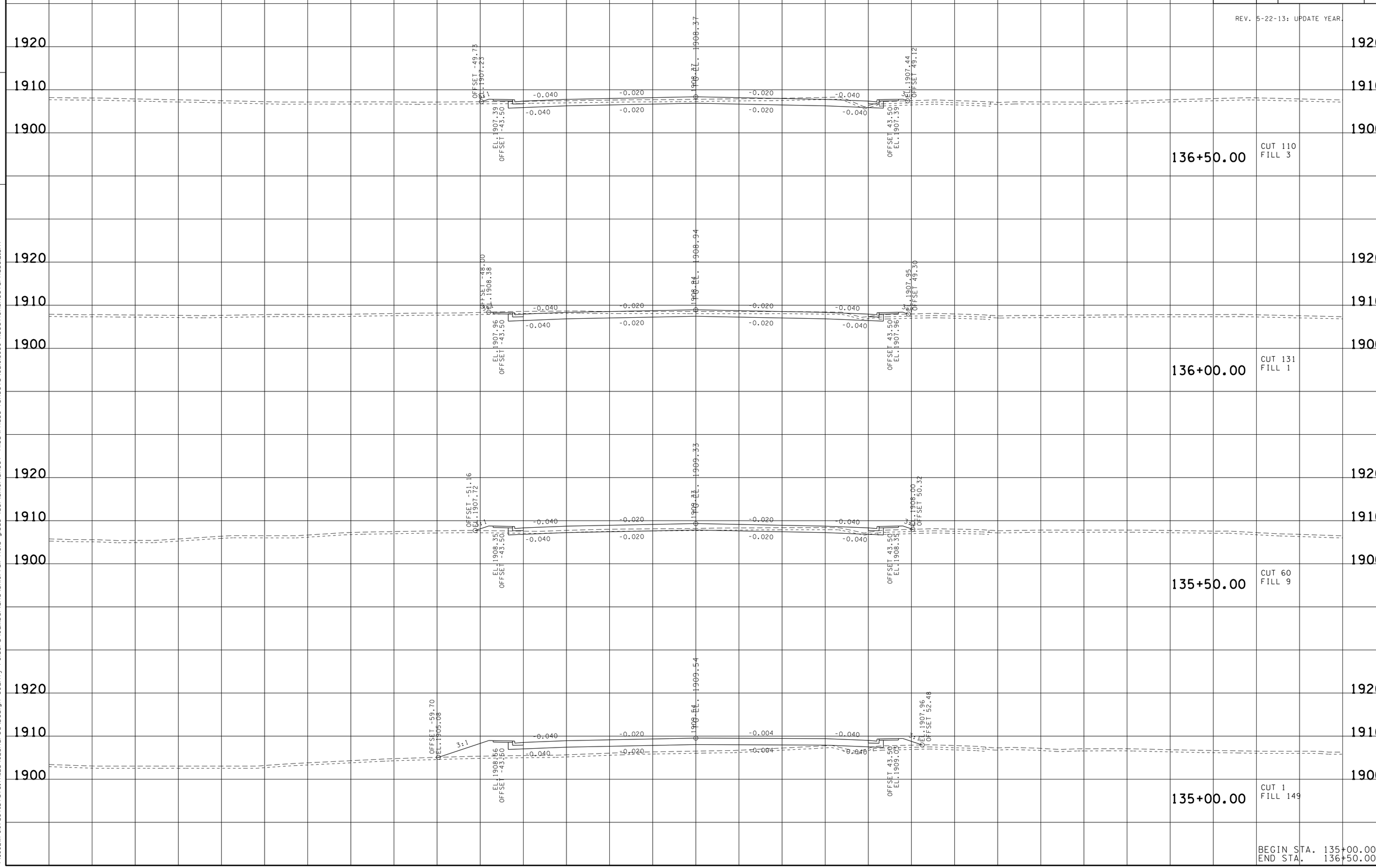
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	77
CONST.	2016	STP-101(16)	95

REV. 5-22-13: UPDATE YEAR.



BEGIN STA. 135+00.00
END STA. 136+50.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 08:02
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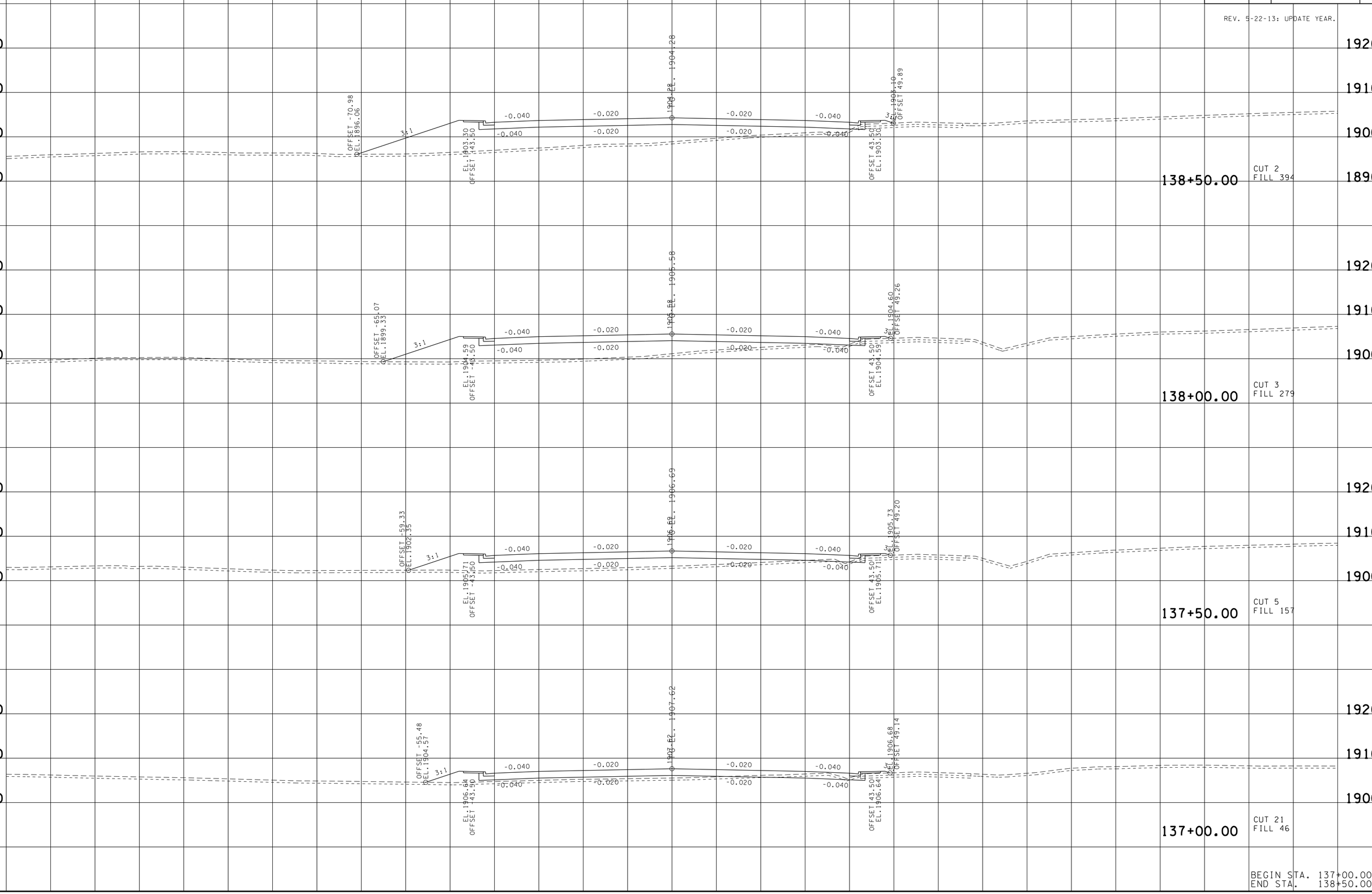
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	78
CONST.	2016	STP-101(16)	96

REV. 5-22-13: UPDATE YEAR.



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

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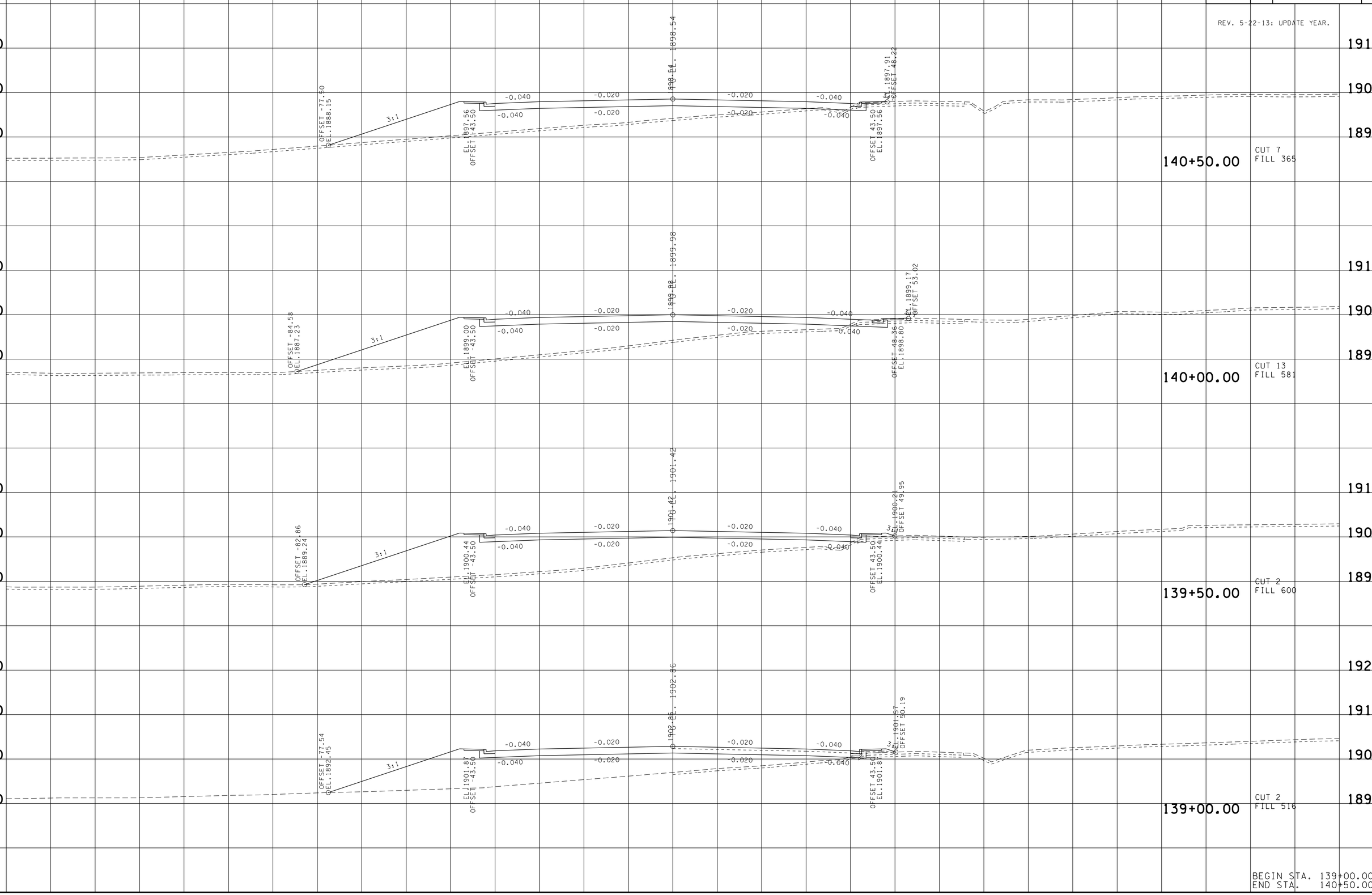
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	79
CONST.	2016	STP-101(16)	97

REV. 5-22-13: UPDATE YEAR.

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



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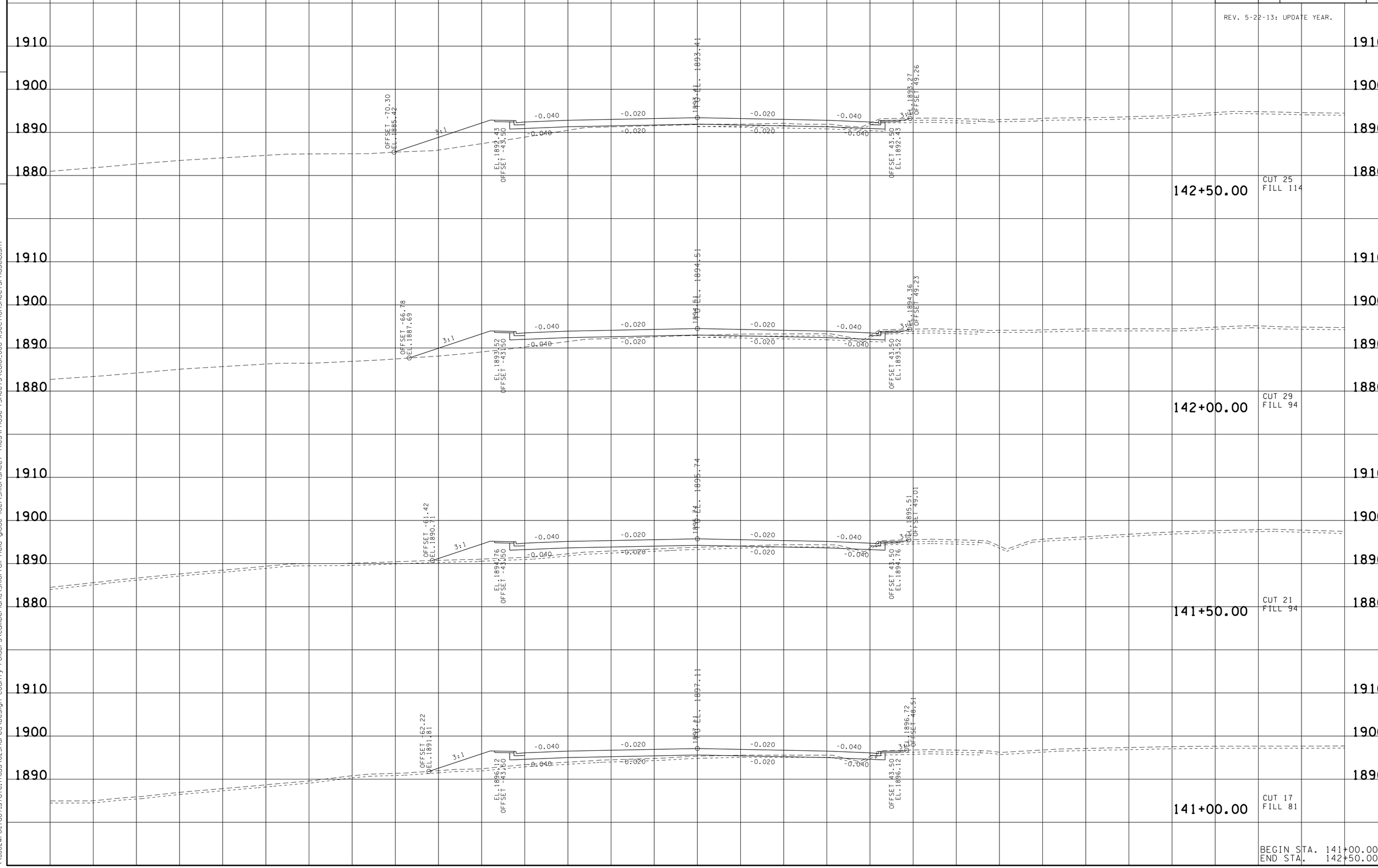
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	80
CONST.	2016	STP-101(16)	98

REV. 5-22-13: UPDATE YEAR.

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



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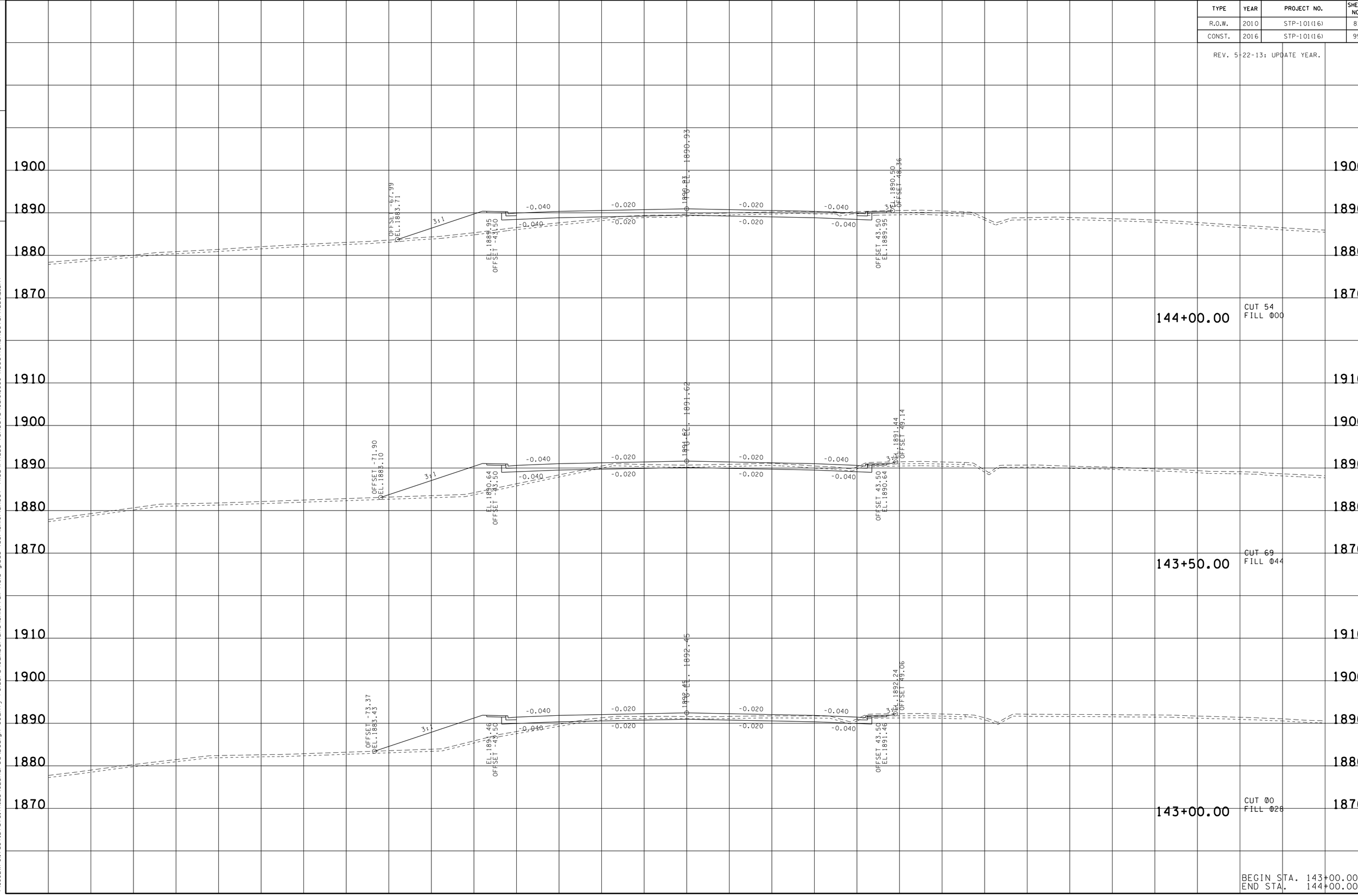
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	81
CONST.	2016	STP-101(16)	99

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 143+00.00
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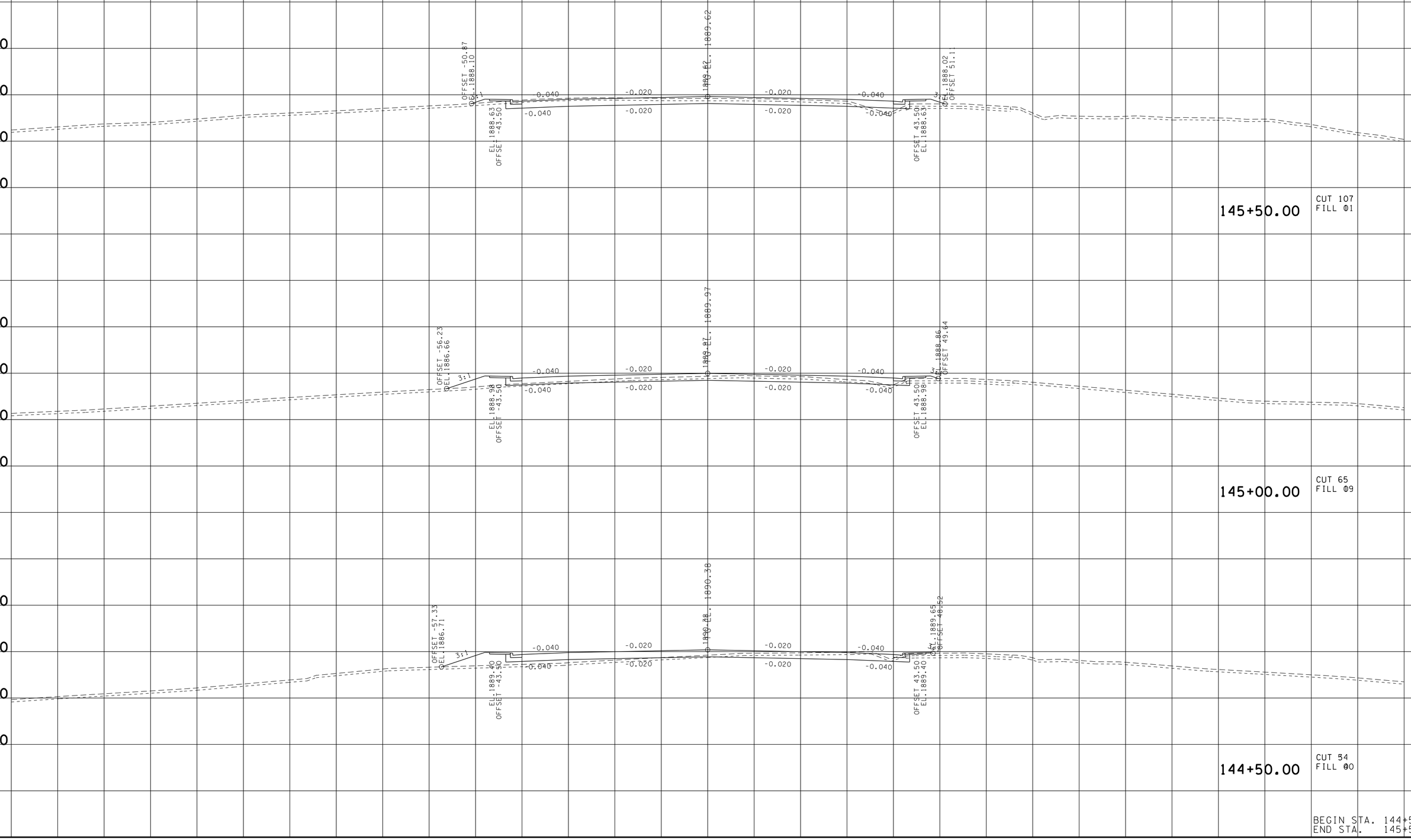
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	82
CONST.	2016	STP-101(16)	100

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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23-MAY-2016 08:04
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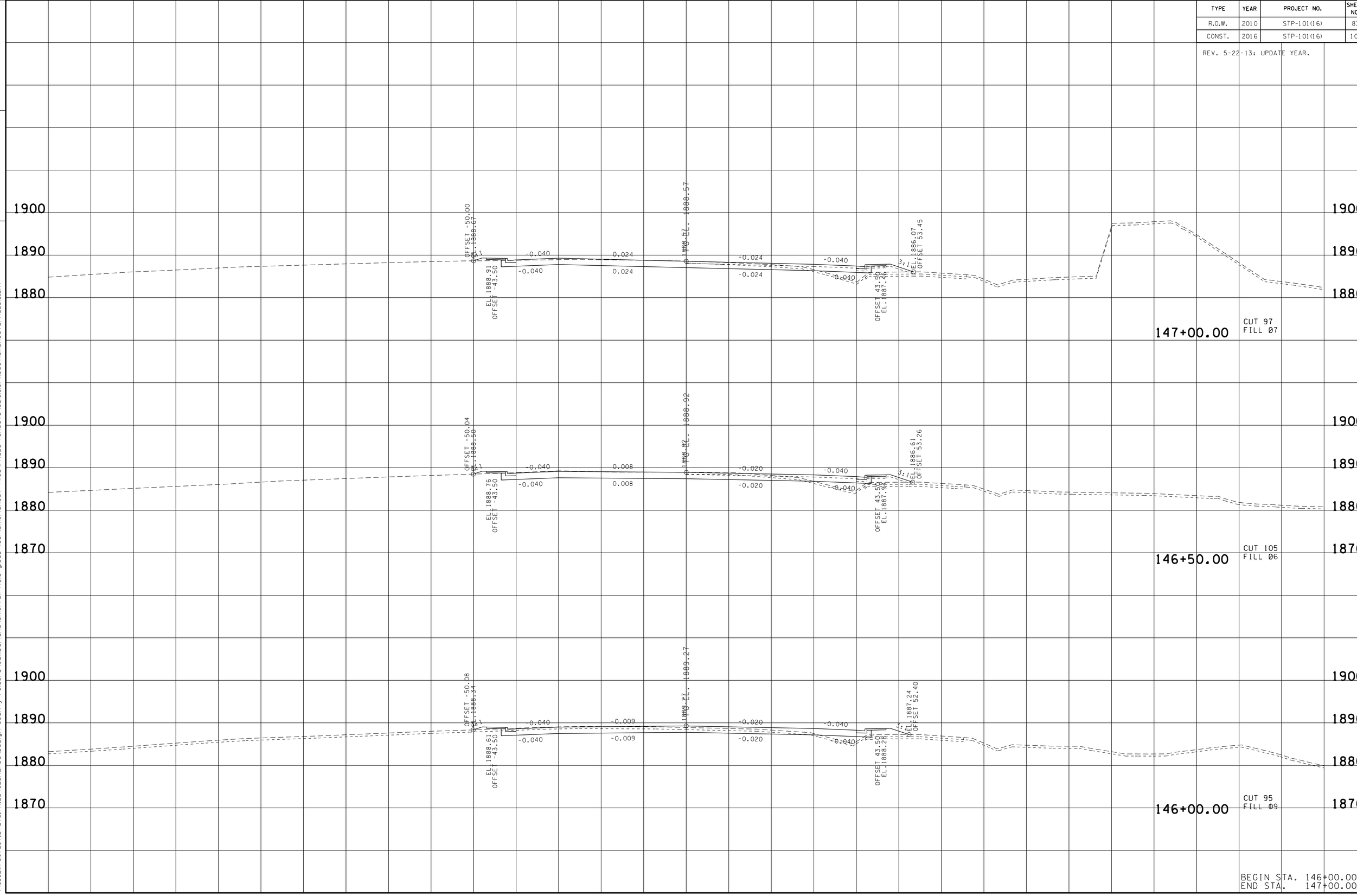
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	83
CONST.	2016	STP-101(16)	101

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



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23-MAY-2016 10:51
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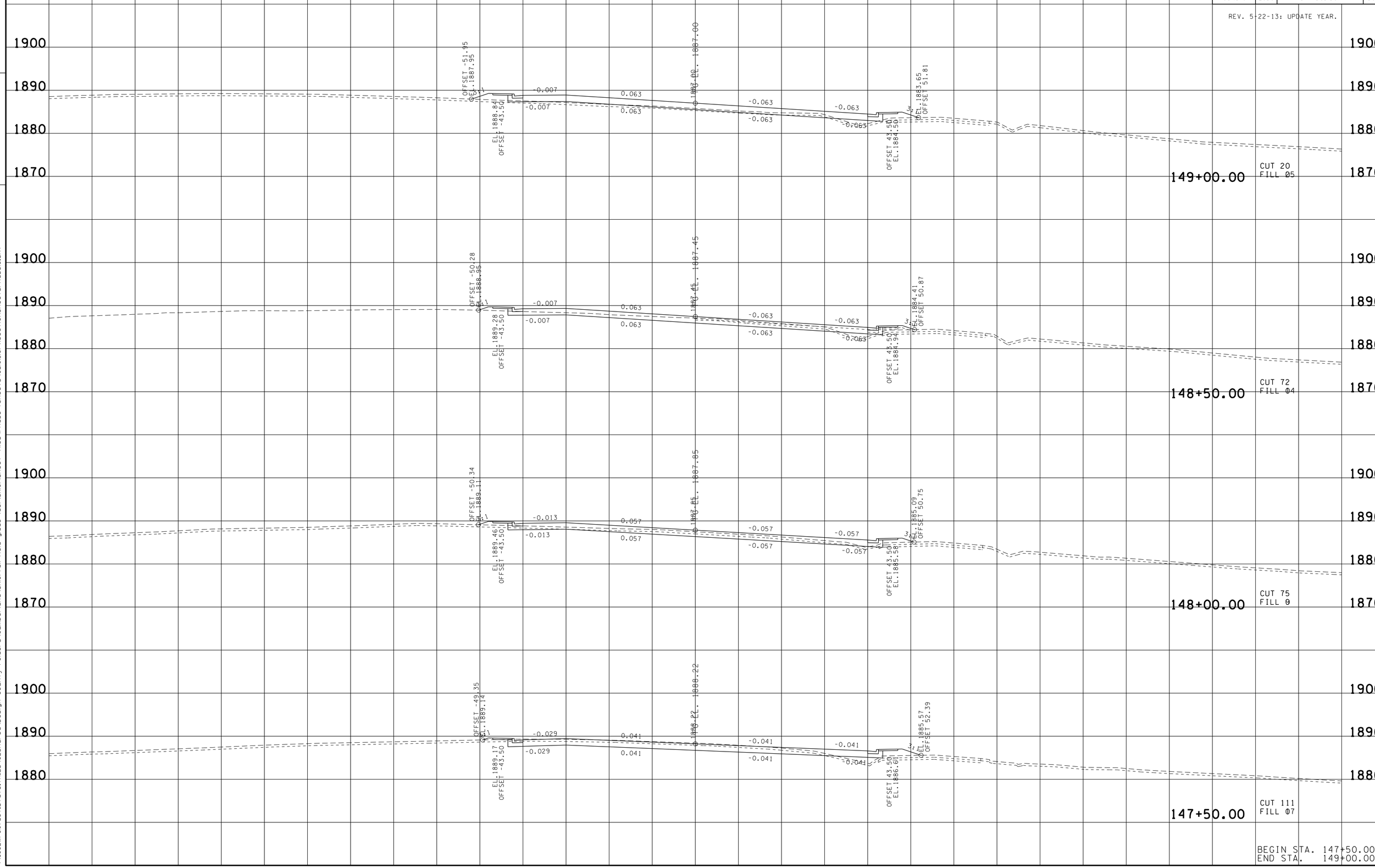
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	84
CONST.	2016	STP-101(16)	102

REV. 5-22-13: UPDATE YEAR.



BEGIN STA. 147+50.00
END STA. 149+00.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 10:51
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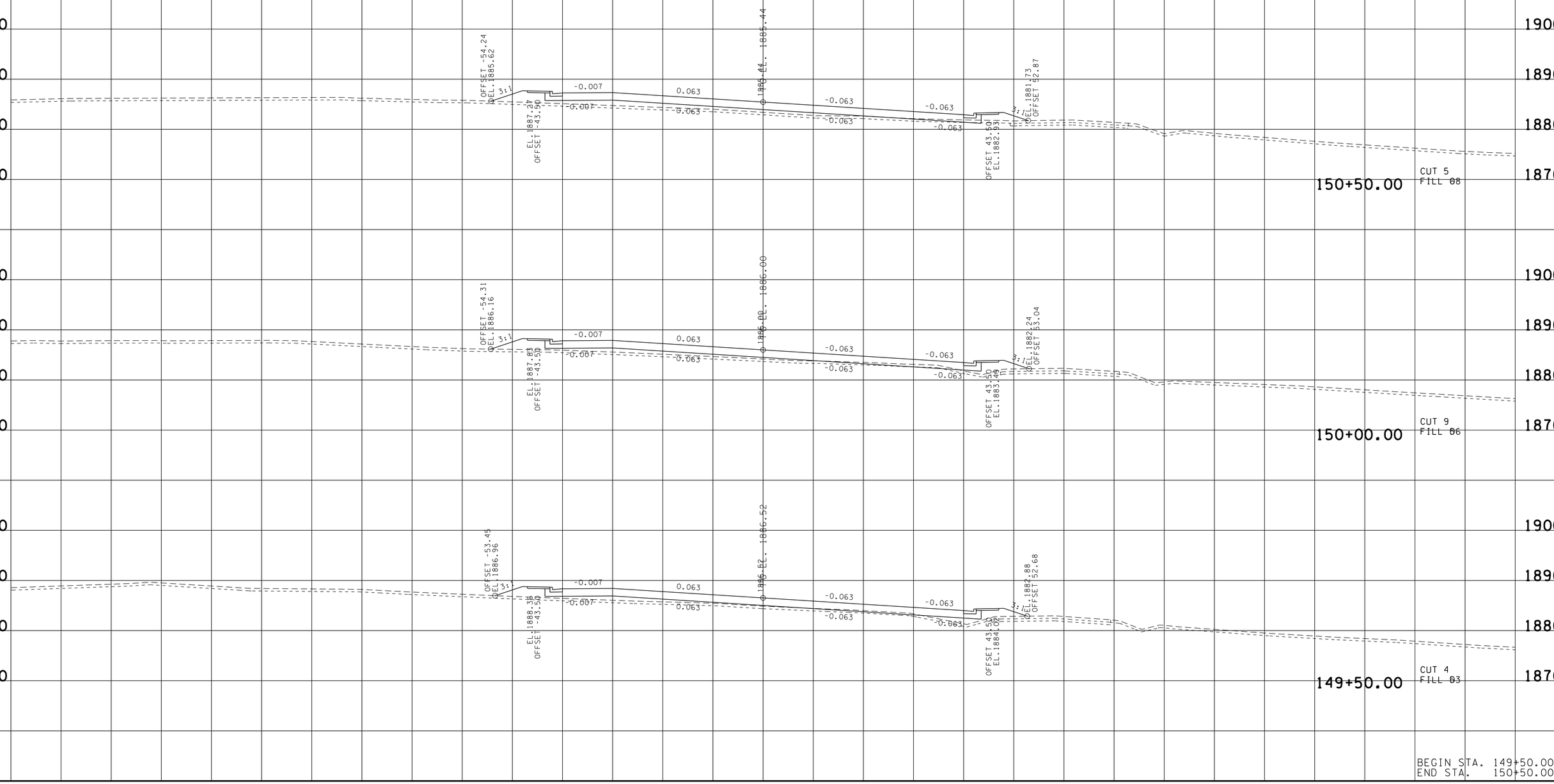
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	85
CONST.	2016	STP-101(16)	103

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 149+50.00
END STA. 150+50.00

23-MAY-2016 10:52
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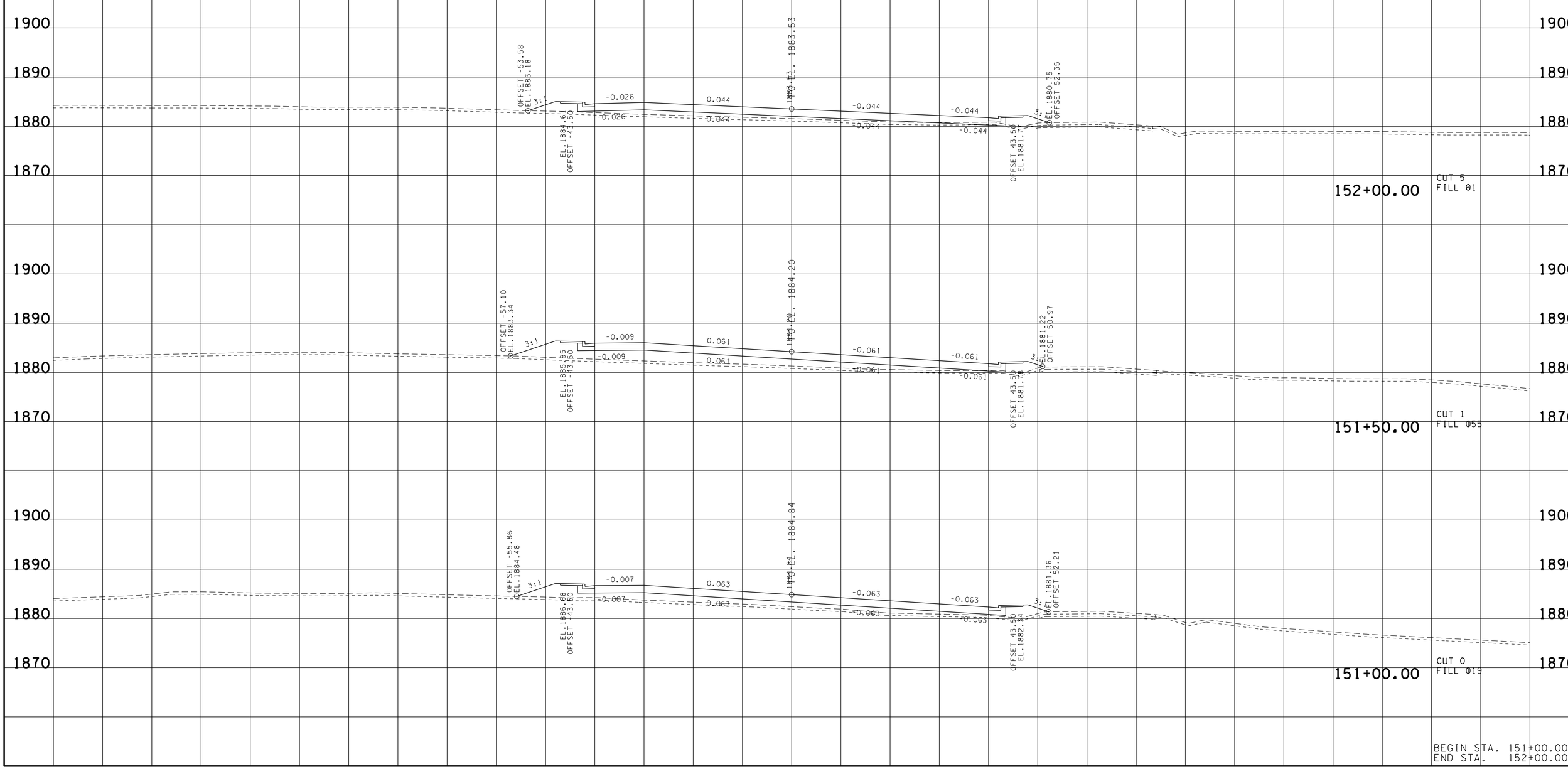
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	86
CONST.	2016	STP-101(16)	104

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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END STA. 152+00.00

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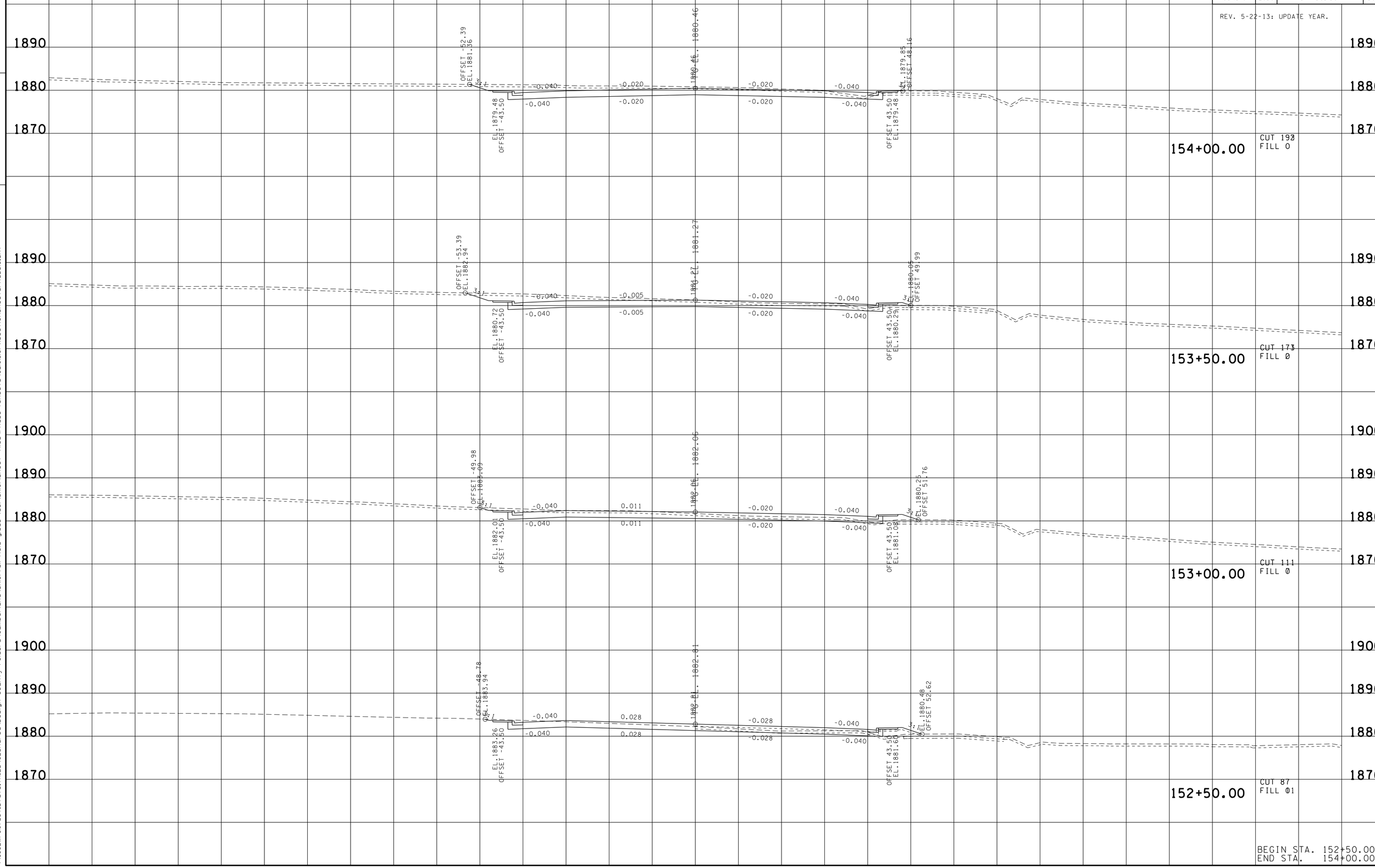
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	87
CONST.	2016	STP-101(16)	105

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 152+50.00
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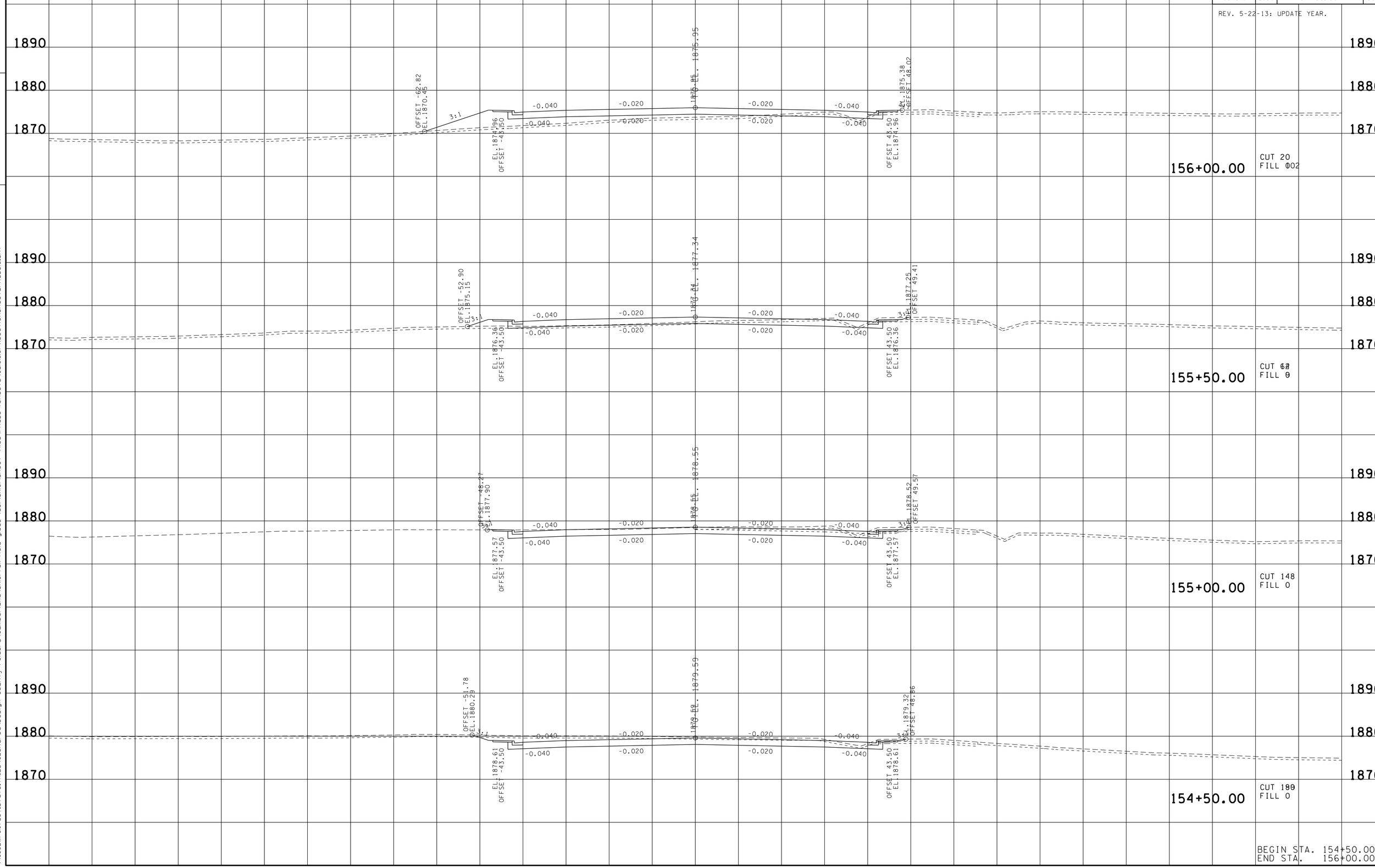
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	88
CONST.	2016	STP-101(16)	106

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 154+50.00
END STA. 156+00.00

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

23-MAY-2016 10:53
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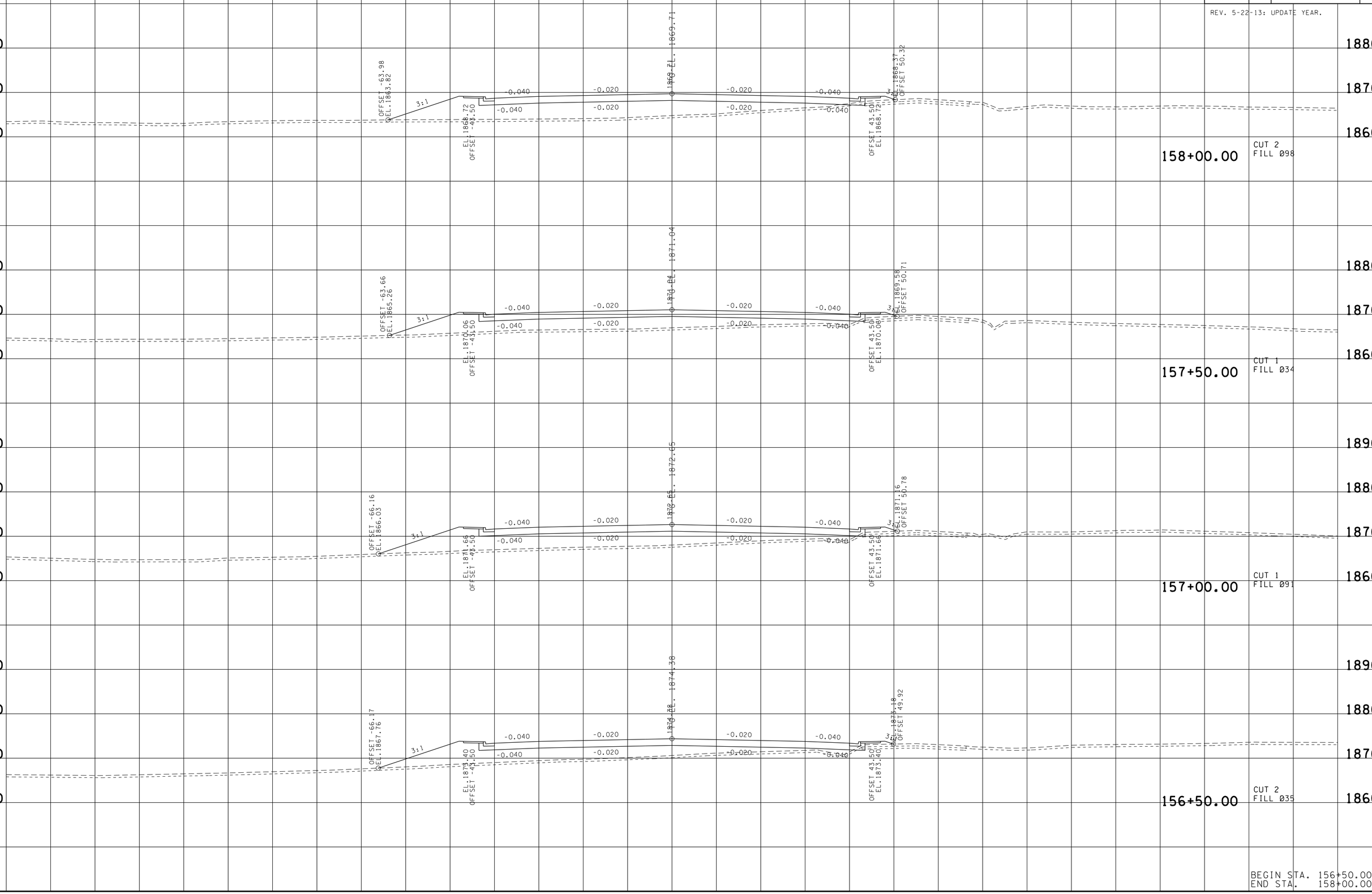
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	89
CONST.	2016	STP-101(16)	107

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



BEGIN STA. 156+50.00
END STA. 158+00.00

23-MAY-2016 10:53
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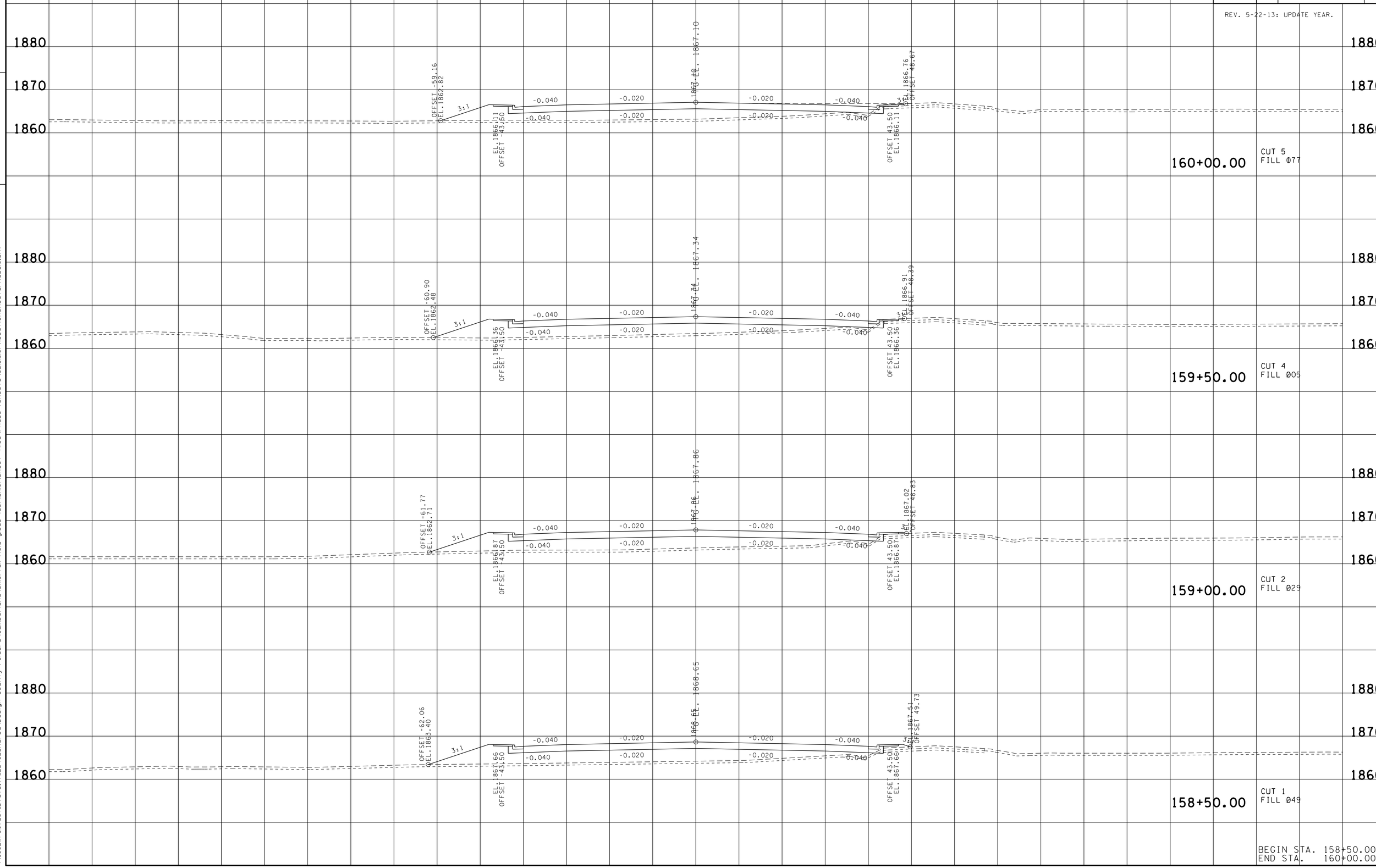
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	90
CONST.	2016	STP-101(16)	108

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 158+50.00
END STA. 160+00.00

23-MAY-2016 10:54
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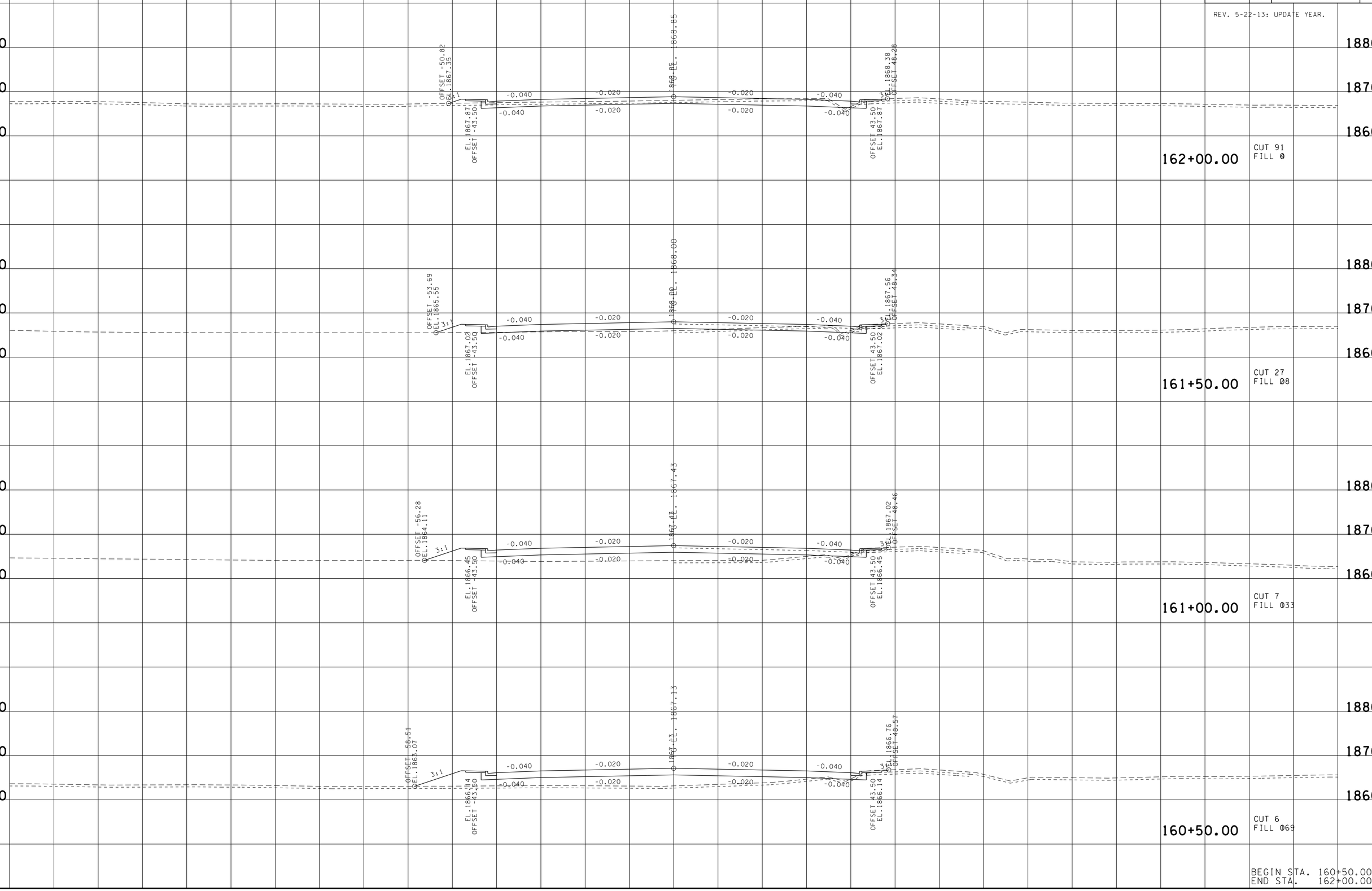
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	91
CONST.	2016	STP-101(16)	109

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 160+50.00
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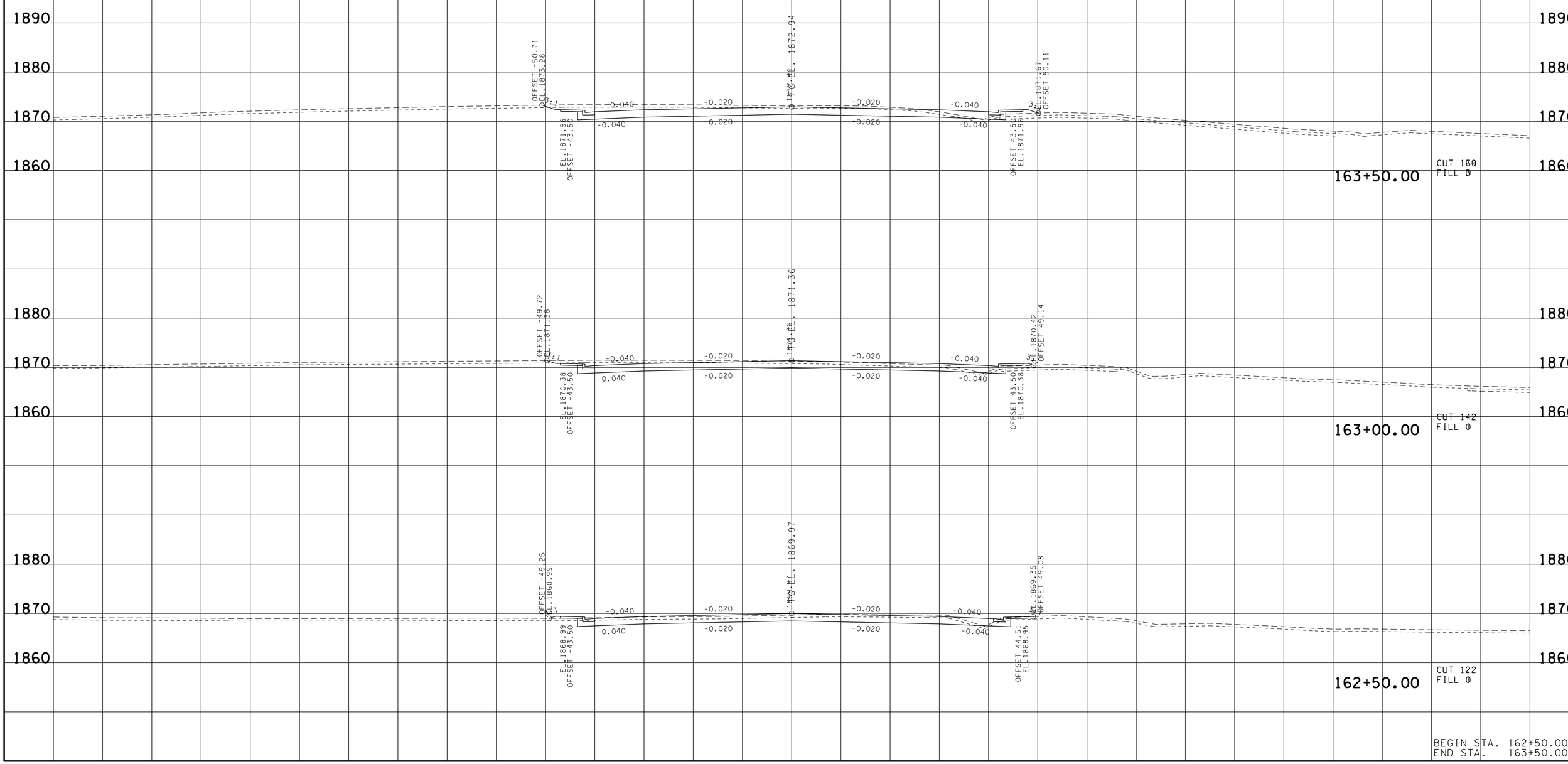
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	92
CONST.	2016	STP-101(16)	110

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 162+50.00
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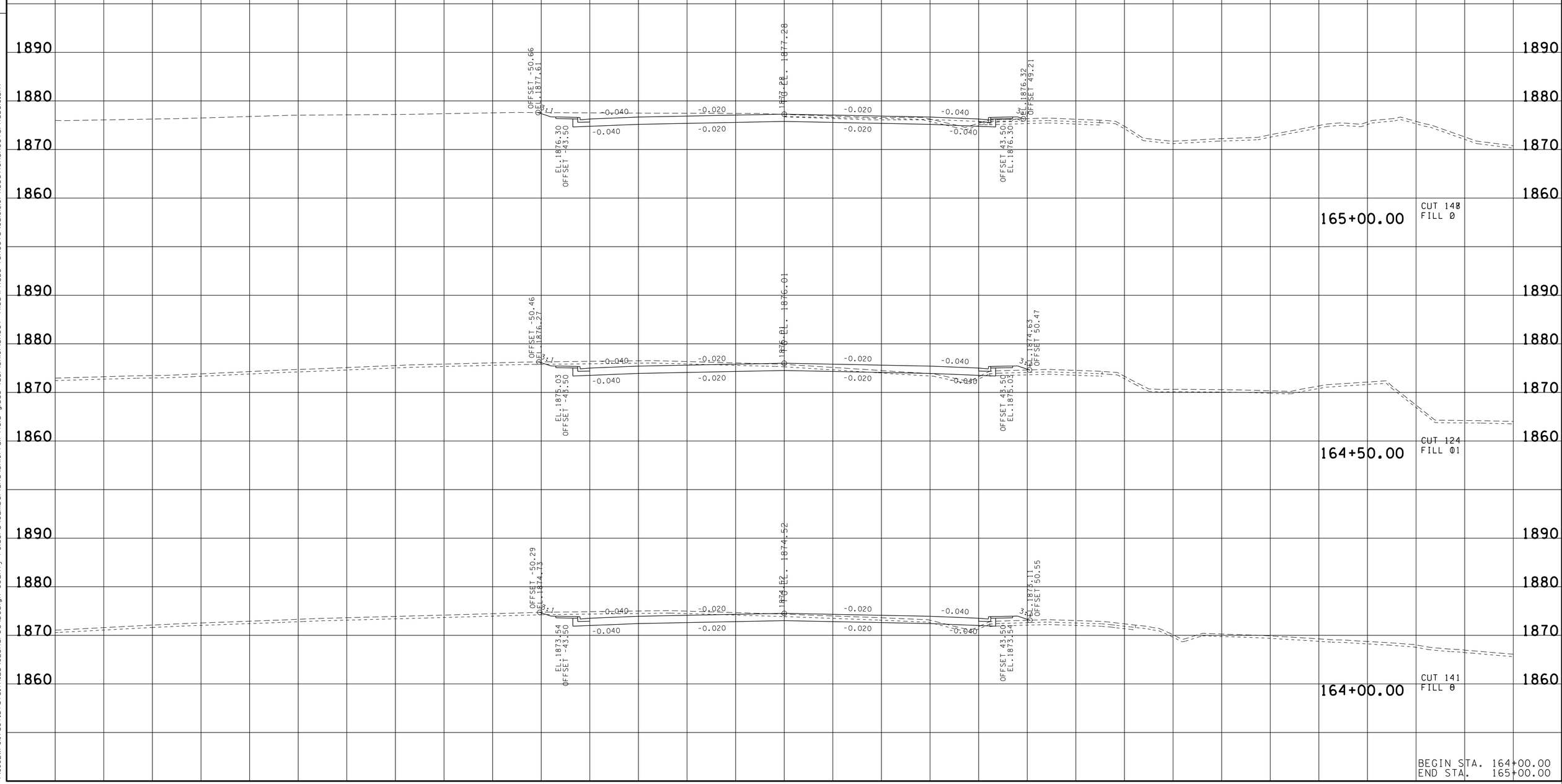
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	93
CONST.	2016	STP-101(16)	111

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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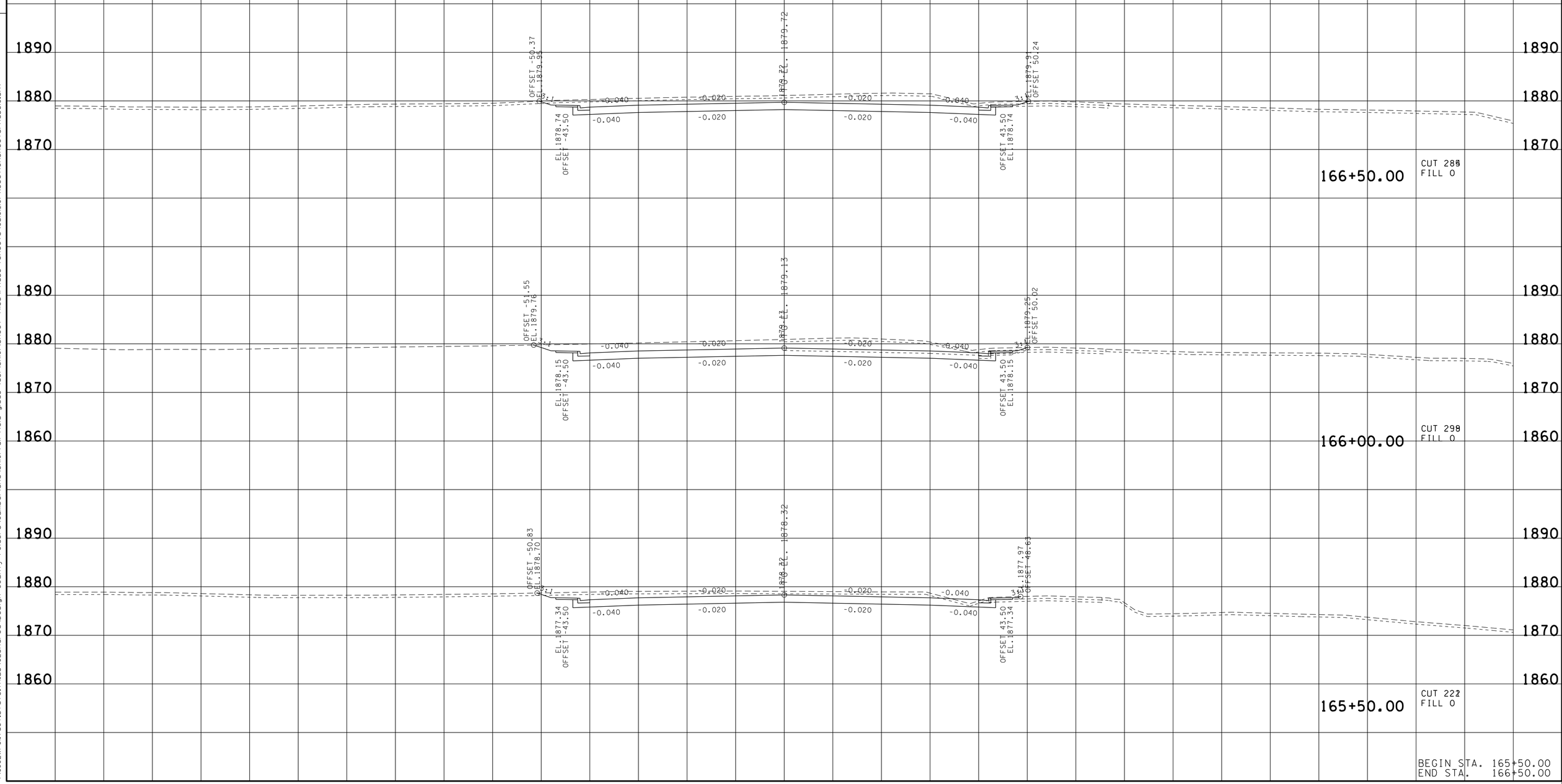
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	94
CONST.	2016	STP-101(16)	112

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



BEGIN STA. 165+50.00
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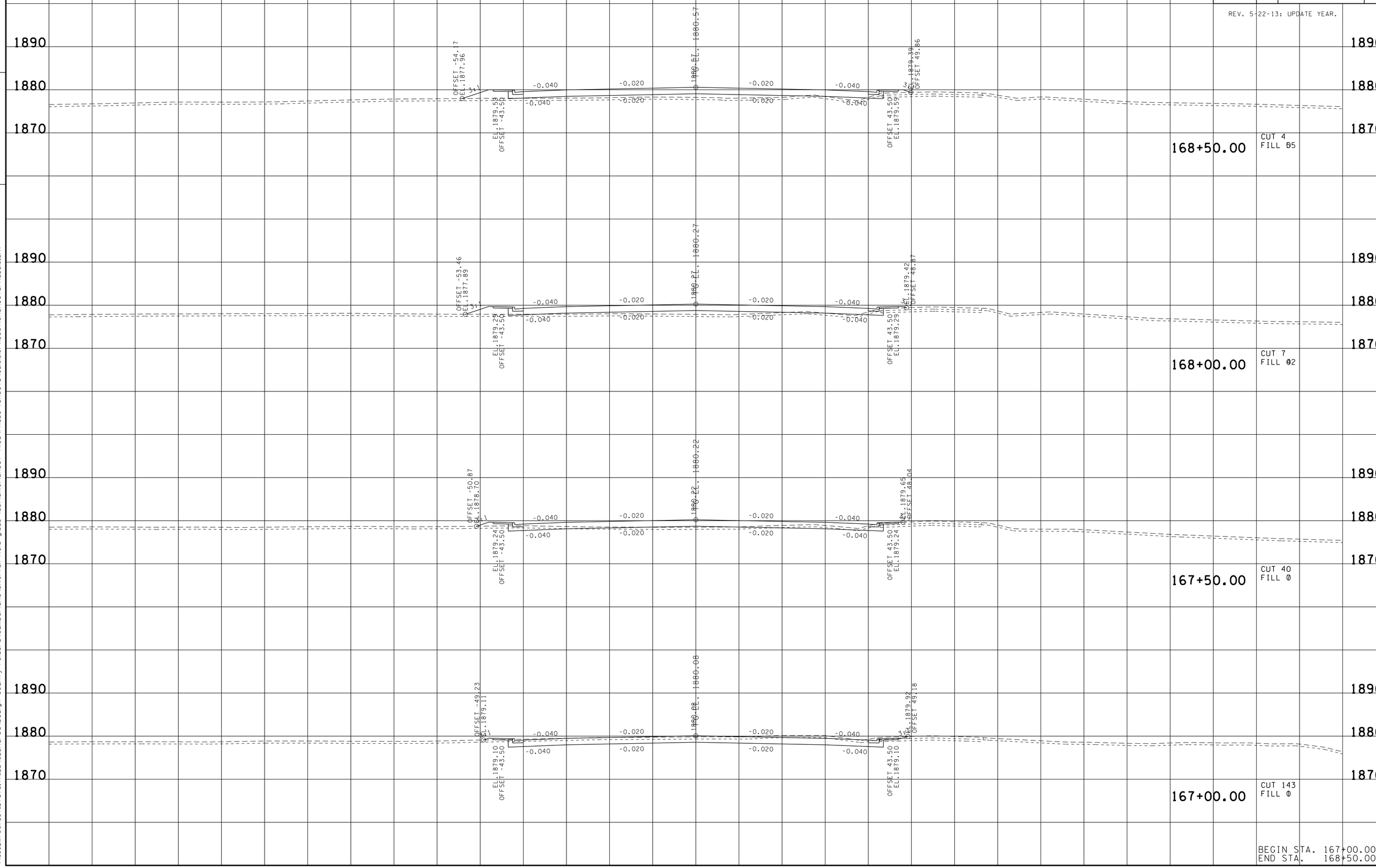
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	95
CONST.	2016	STP-101(16)	113

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 167+00.00
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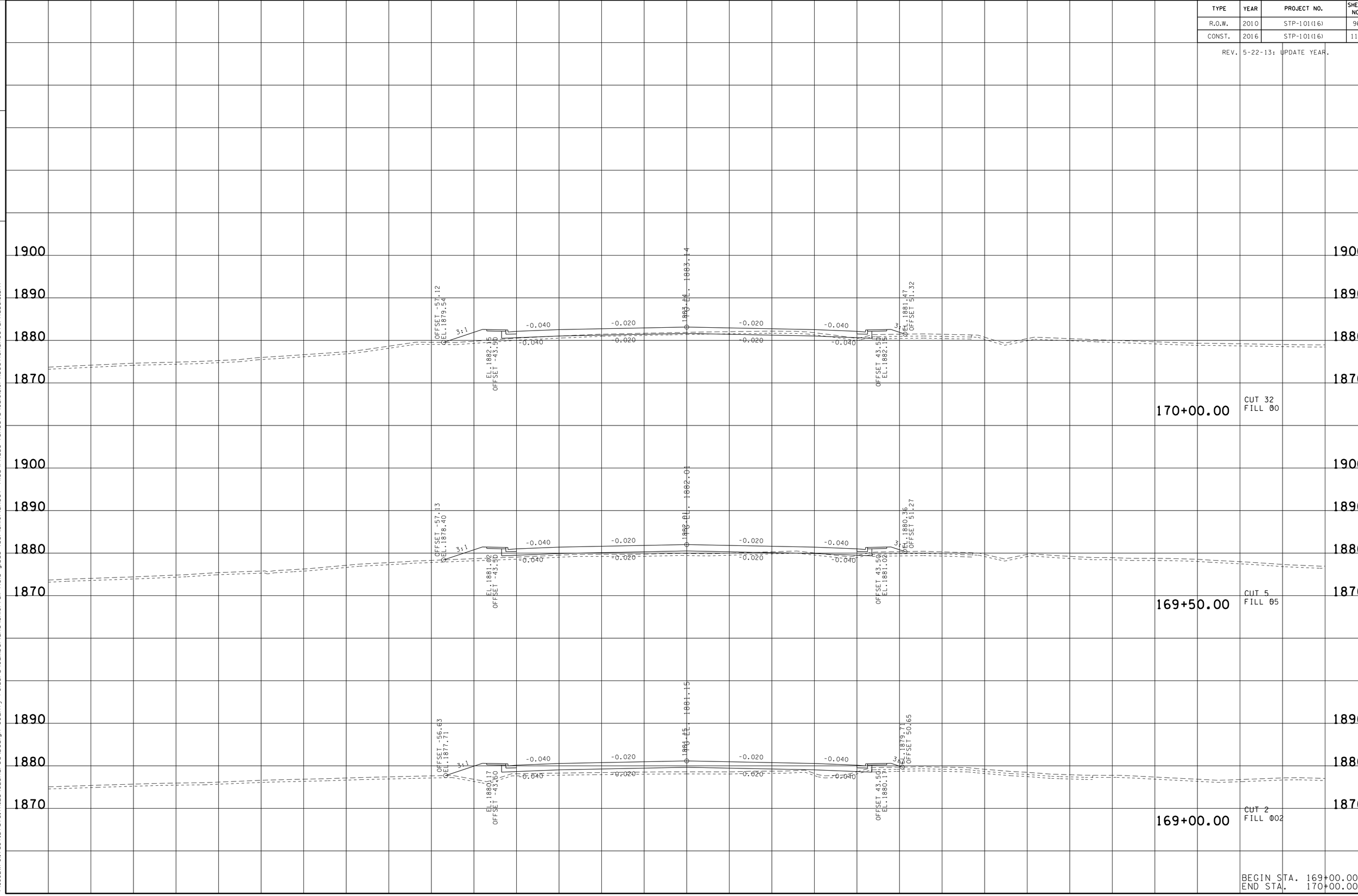
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	96
CONST.	2016	STP-101(16)	114

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 169+00.00
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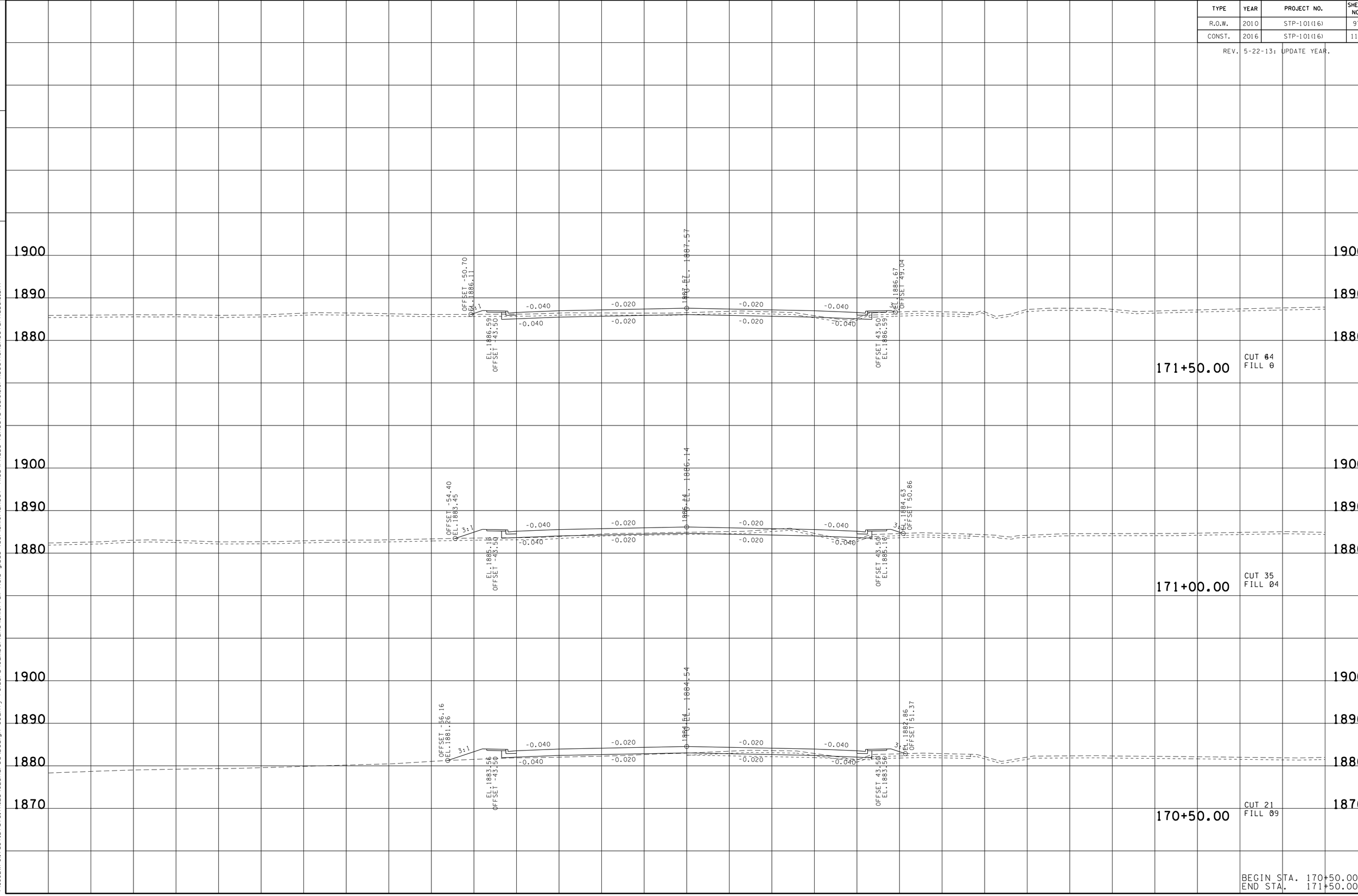
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	97
CONST.	2016	STP-101(16)	115

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 170+50.00
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23-MAY-2016 10:57
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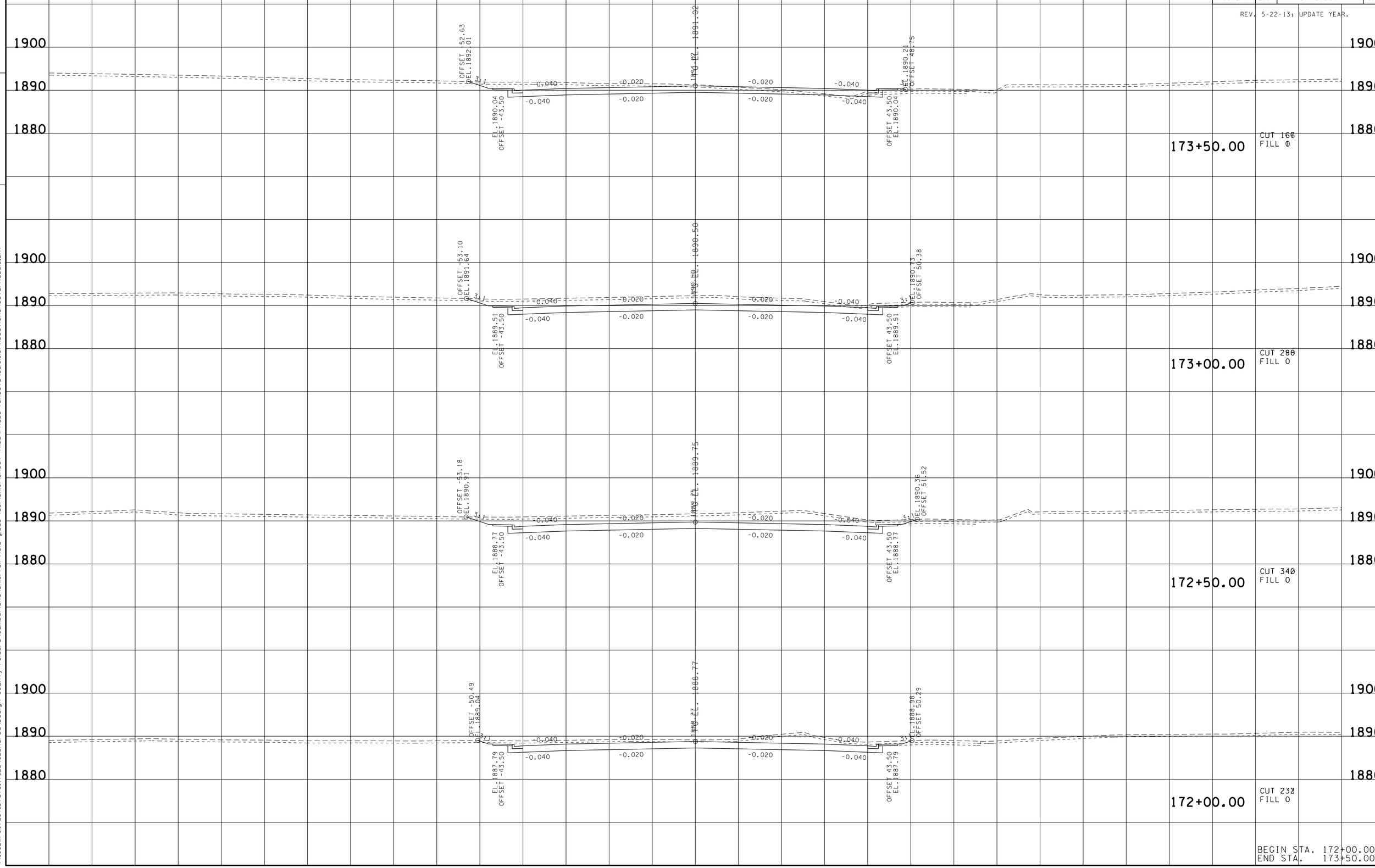
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	98
CONST.	2016	STP-101(16)	116

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 172+00.00
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23-MAY-2016 10:57
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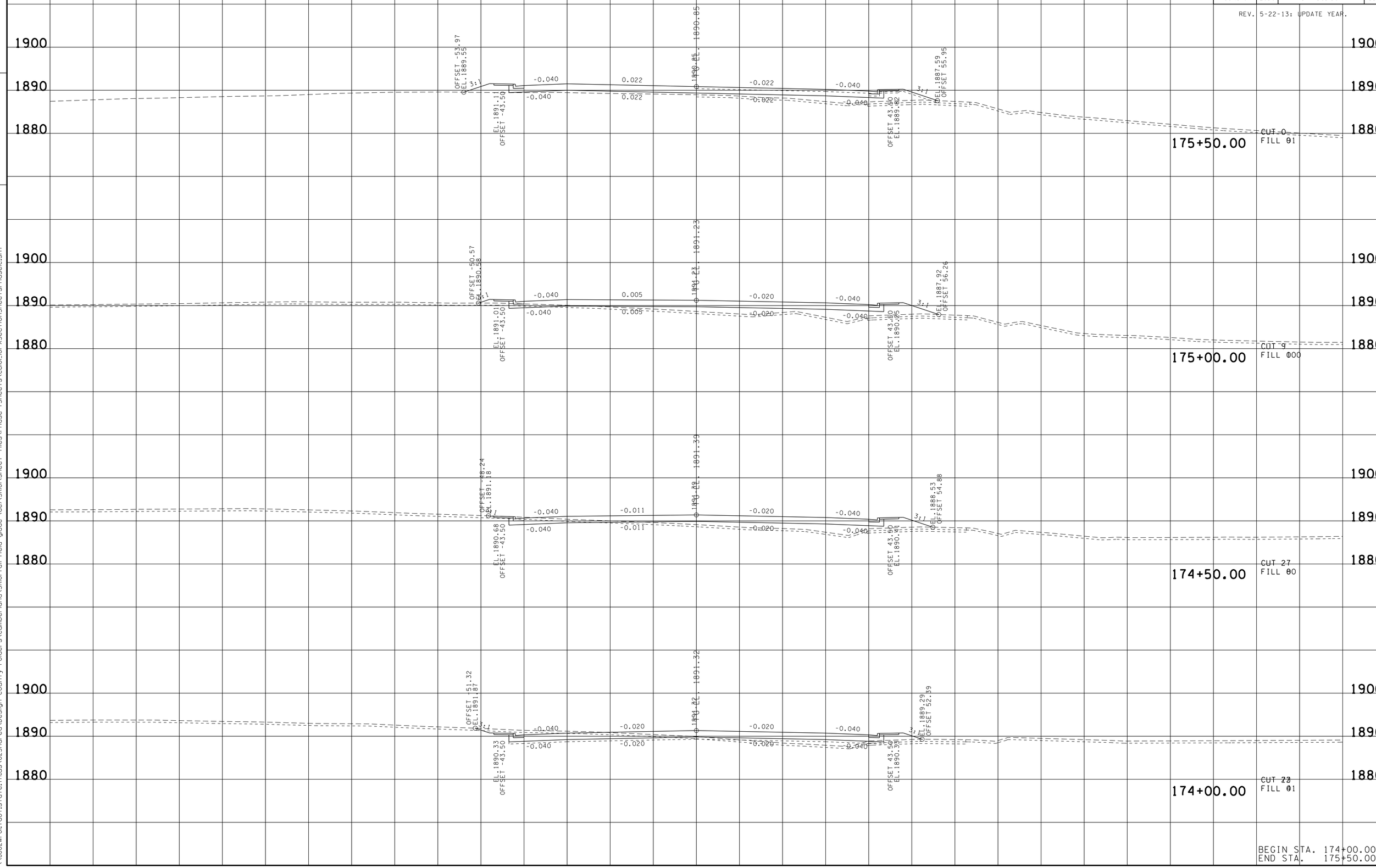
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	99
CONST.	2016	STP-101(16)	117

REV. 5-22-13: UPDATE YEAR.



BEGIN STA. 174+00.00
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 10:57
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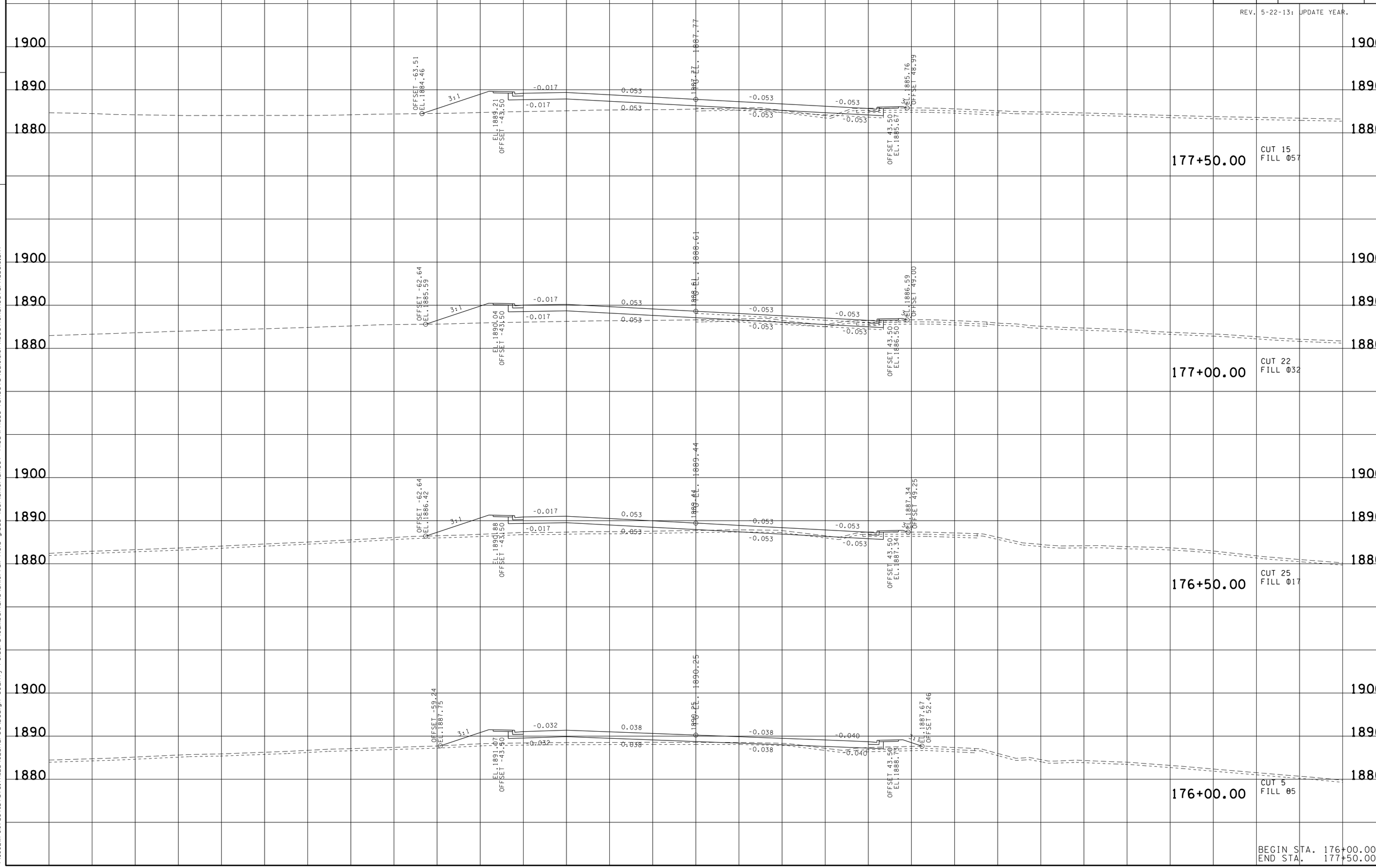
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	100
CONST.	2016	STP-101(16)	118

REV. 5-22-13: UPDATE YEAR.

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



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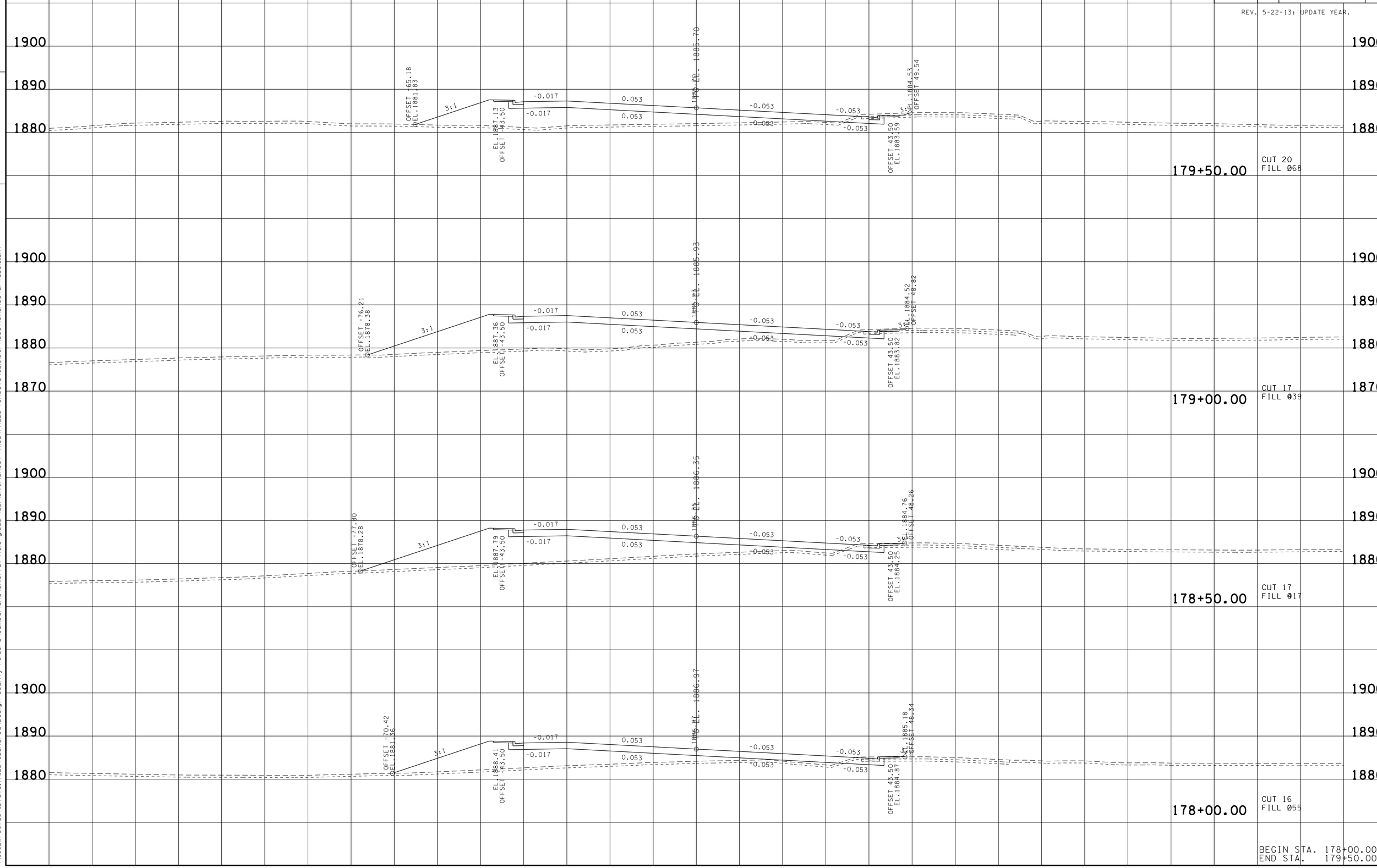
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	101
CONST.	2016	STP-101(16)	119

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



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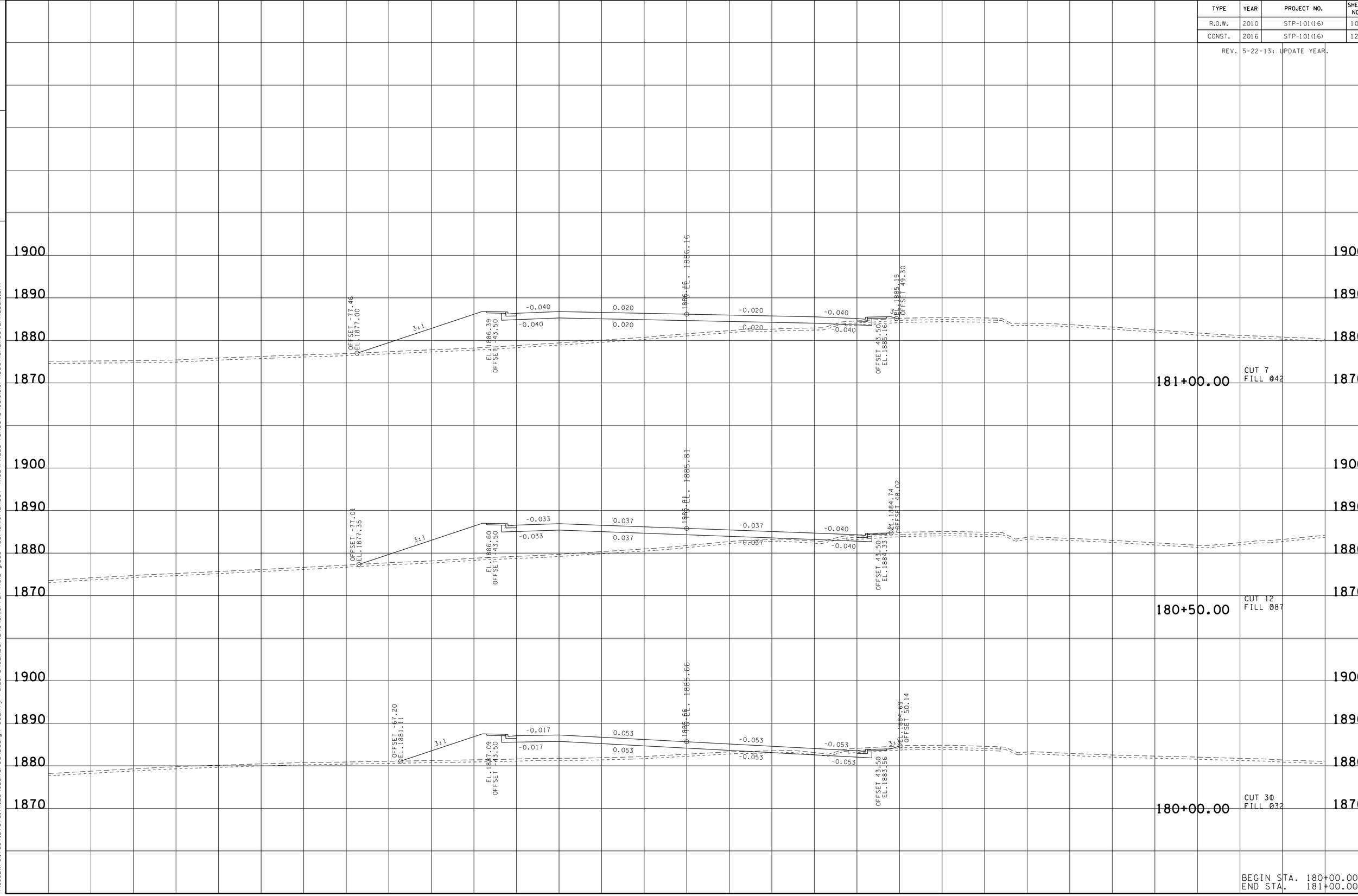
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	102
CONST.	2016	STP-101(16)	120

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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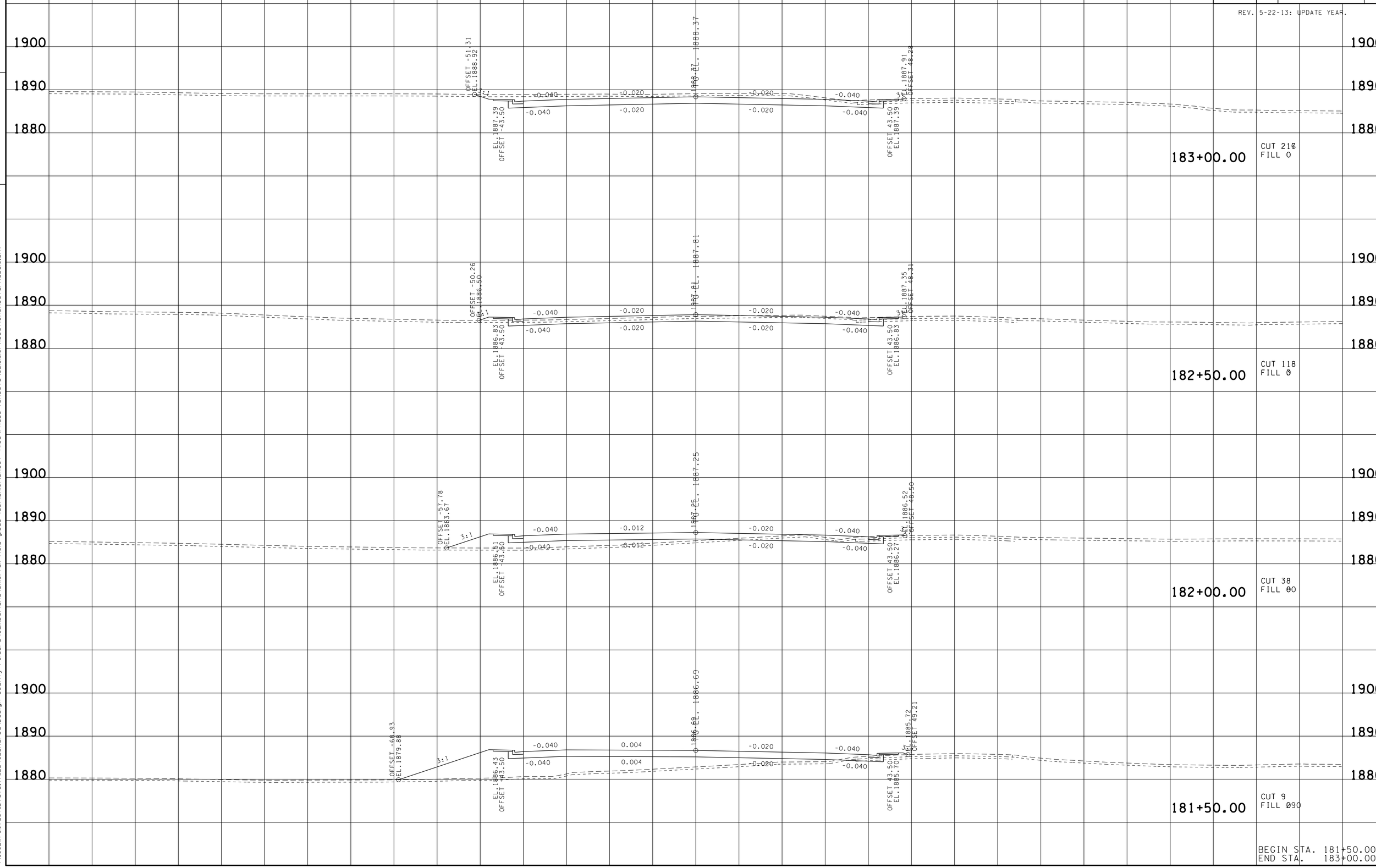
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	103
CONST.	2016	STP-101(16)	121

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 181+50.00
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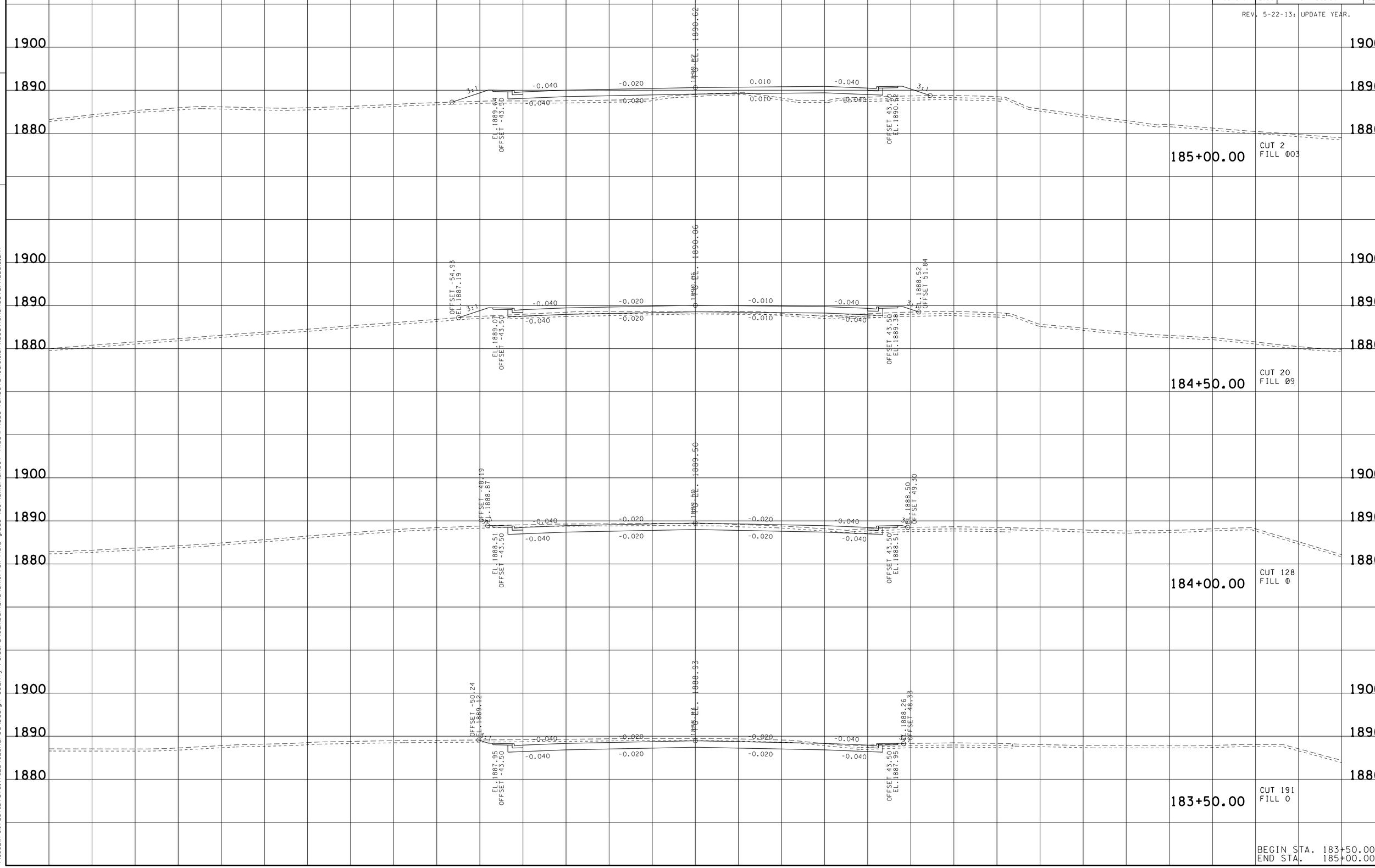
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	104
CONST.	2016	STP-101(16)	122

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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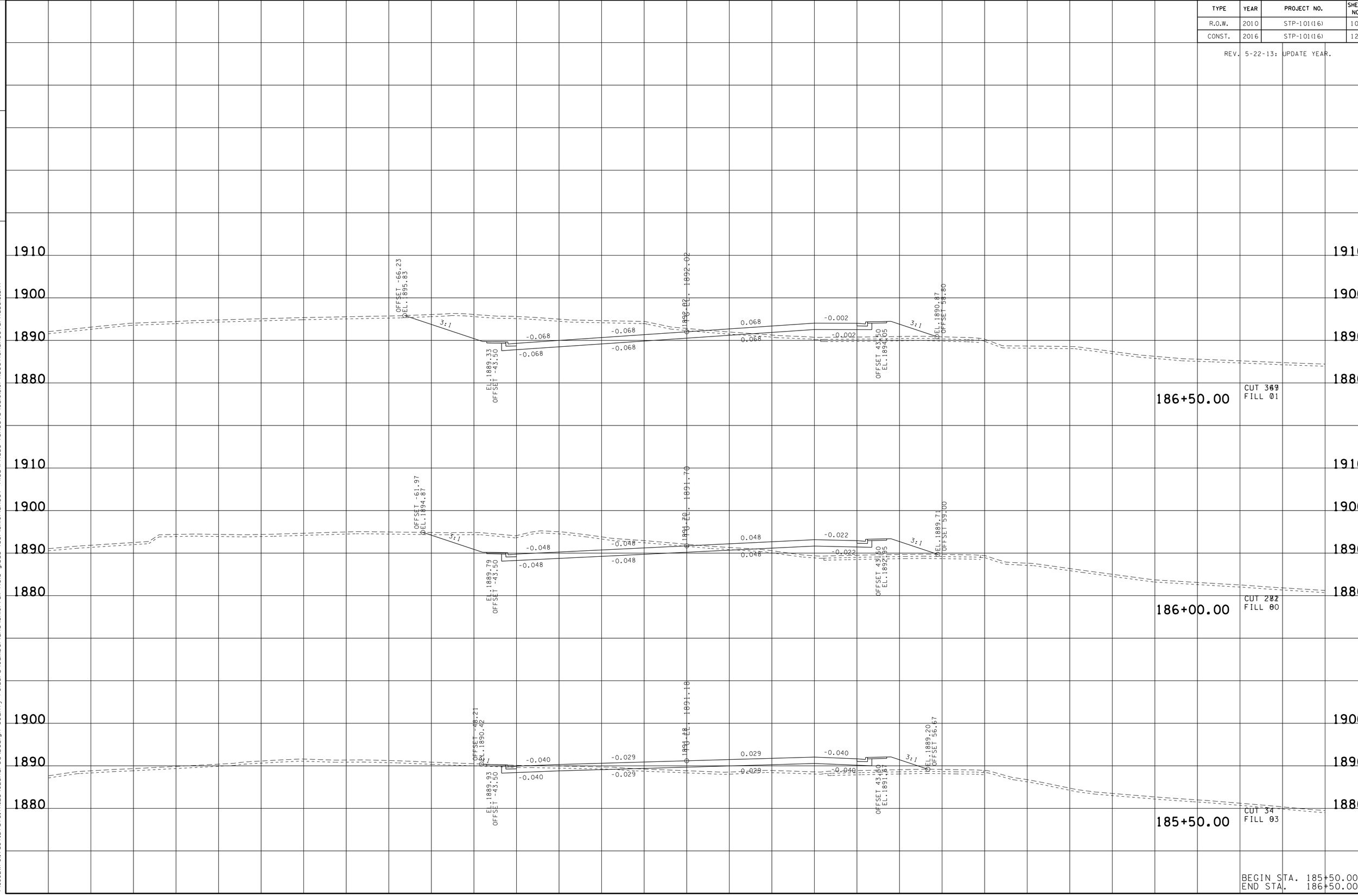
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	105
CONST.	2016	STP-101(16)	123

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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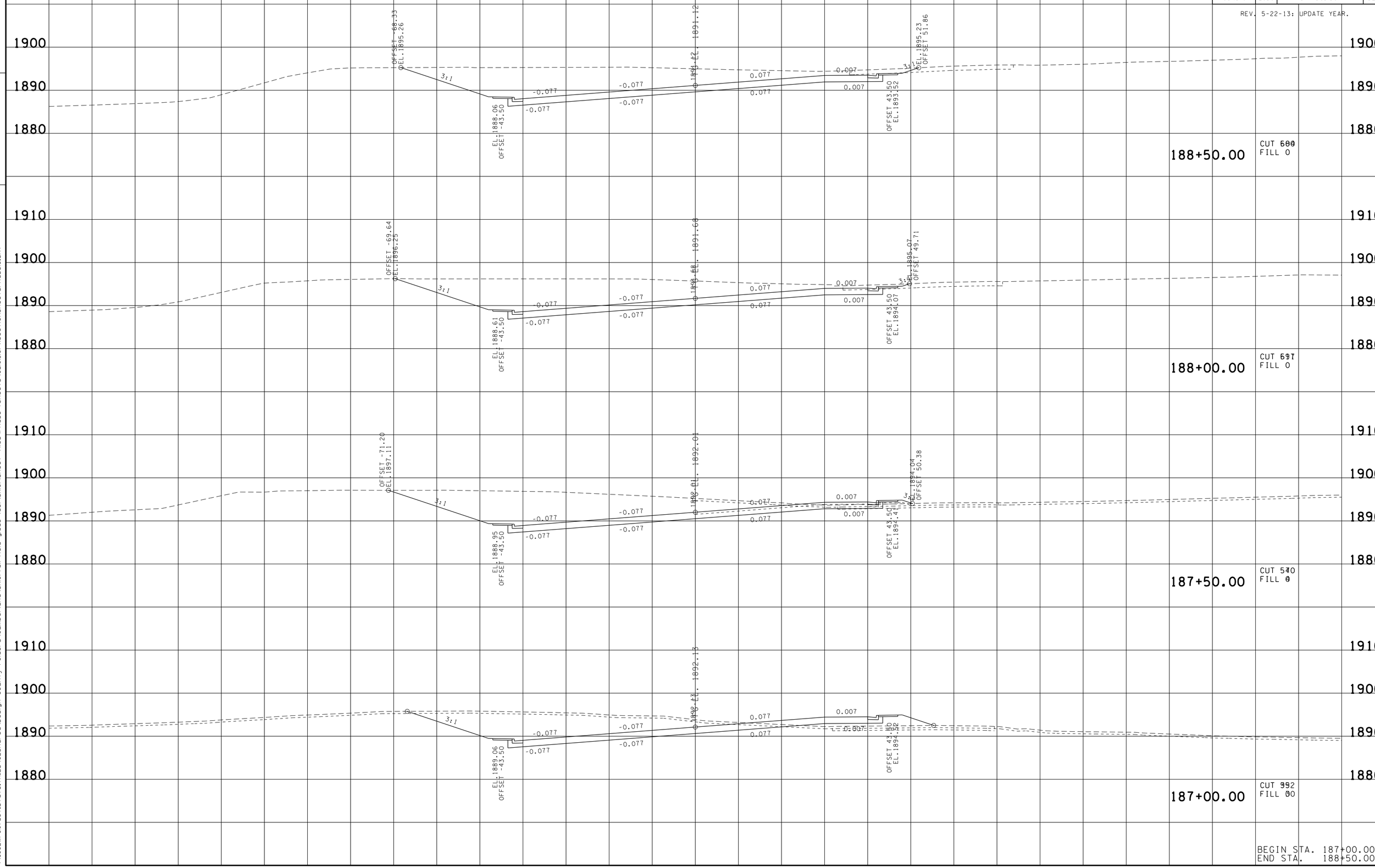
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	106
CONST.	2016	STP-101(16)	124

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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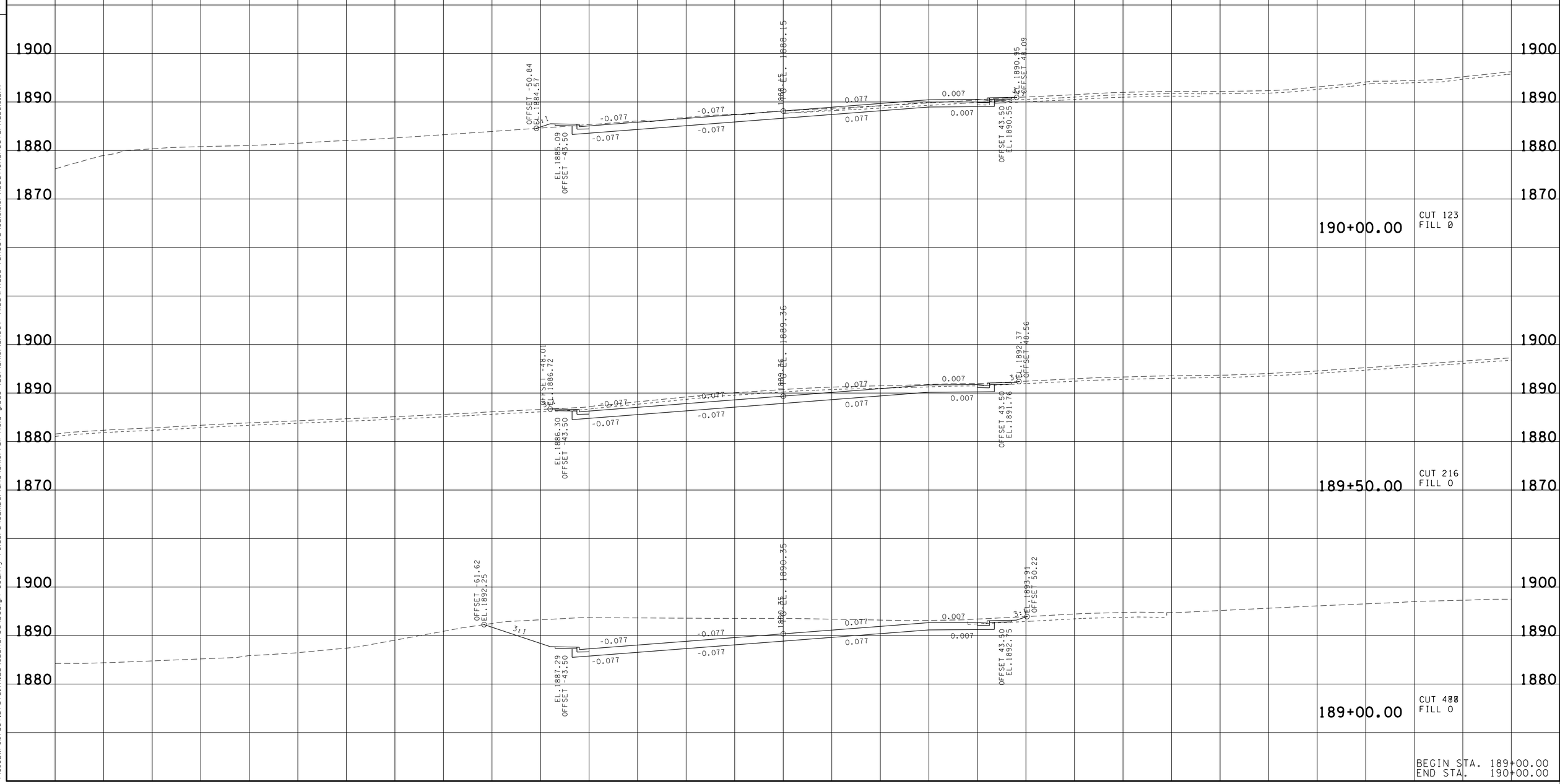
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	107
CONST.	2016	STP-101(16)	125

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 189+00.00
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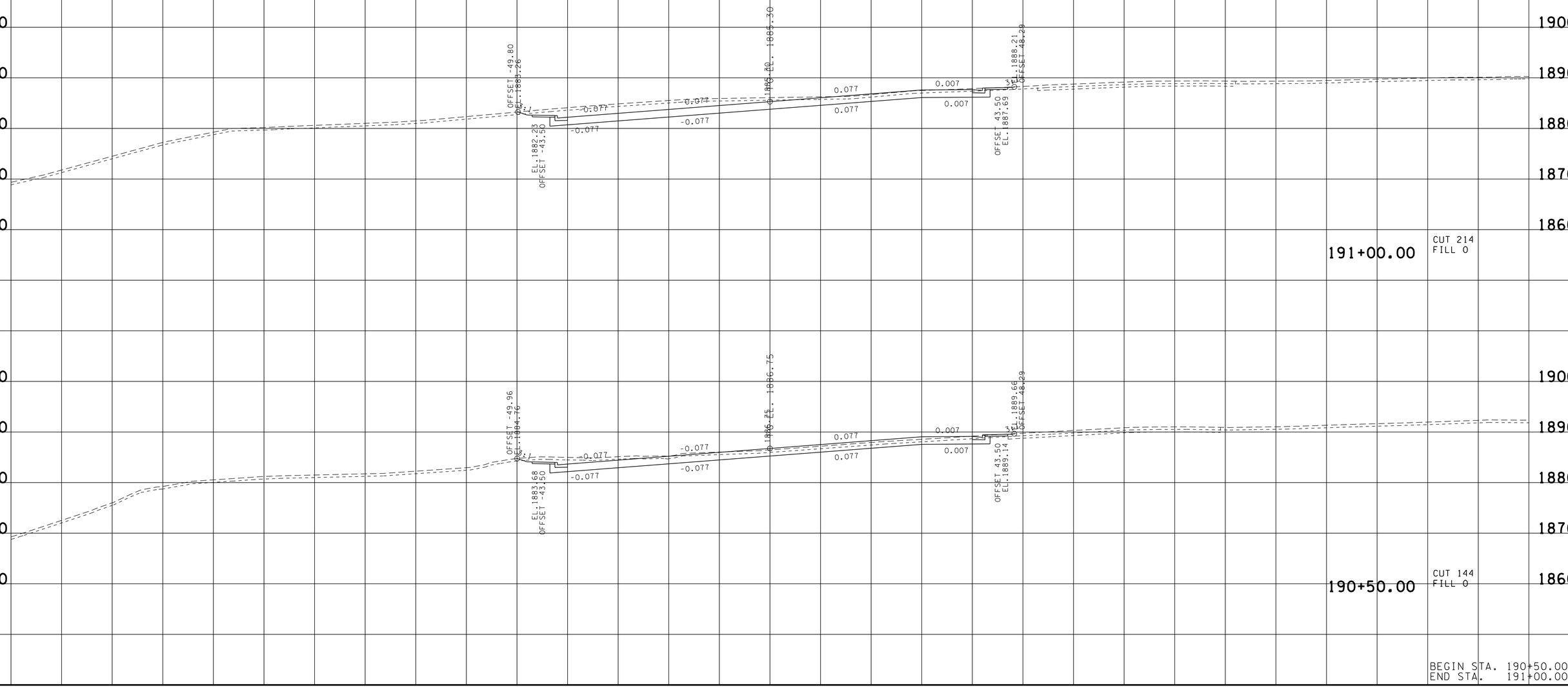
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	STP-101(16)	108
CONST.	2015	STP-101(16)	126

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



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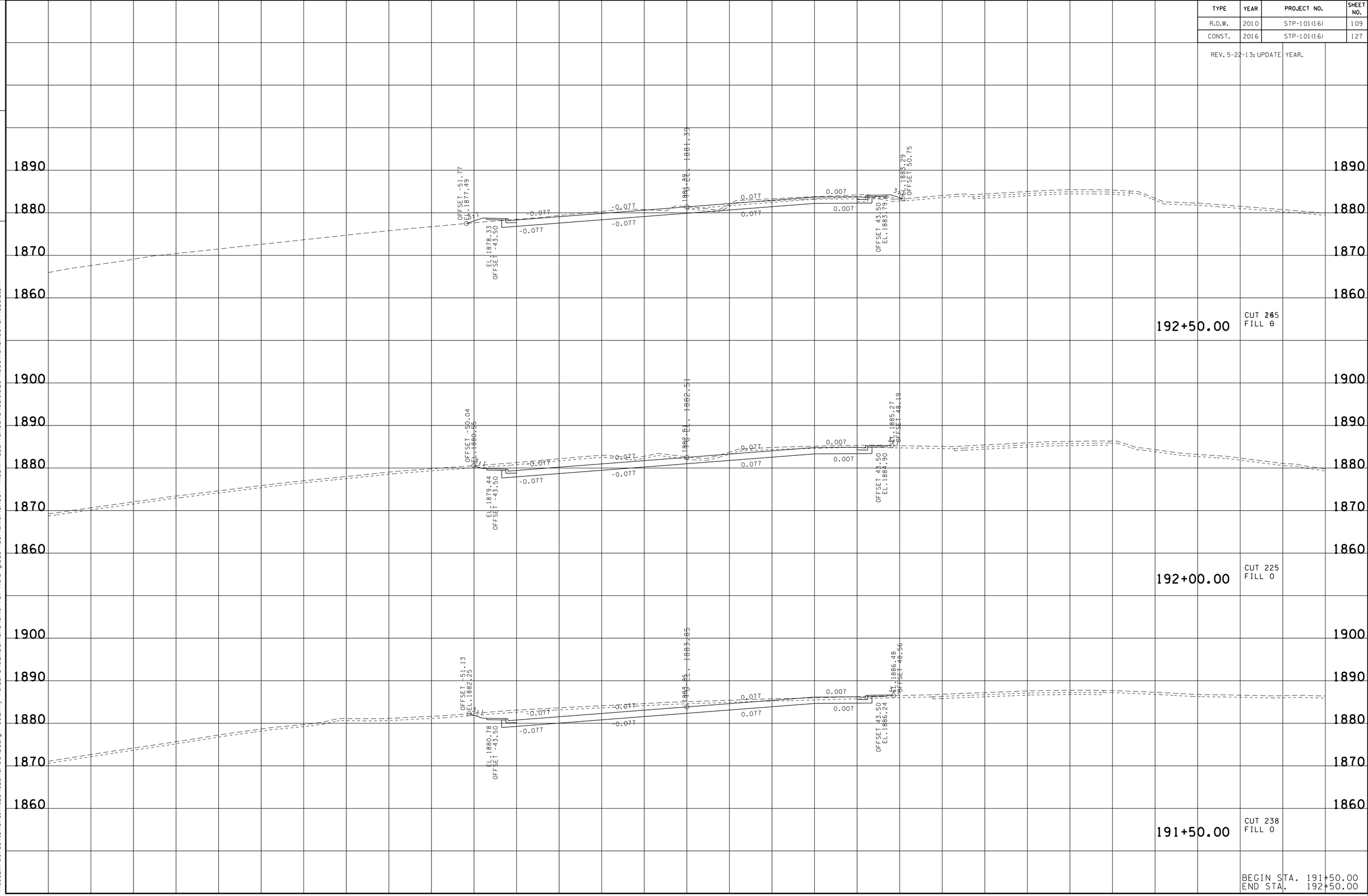
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	109
CONST.	2016	STP-101(16)	127

REV. 5-22-13: UPDATE YEAR.

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



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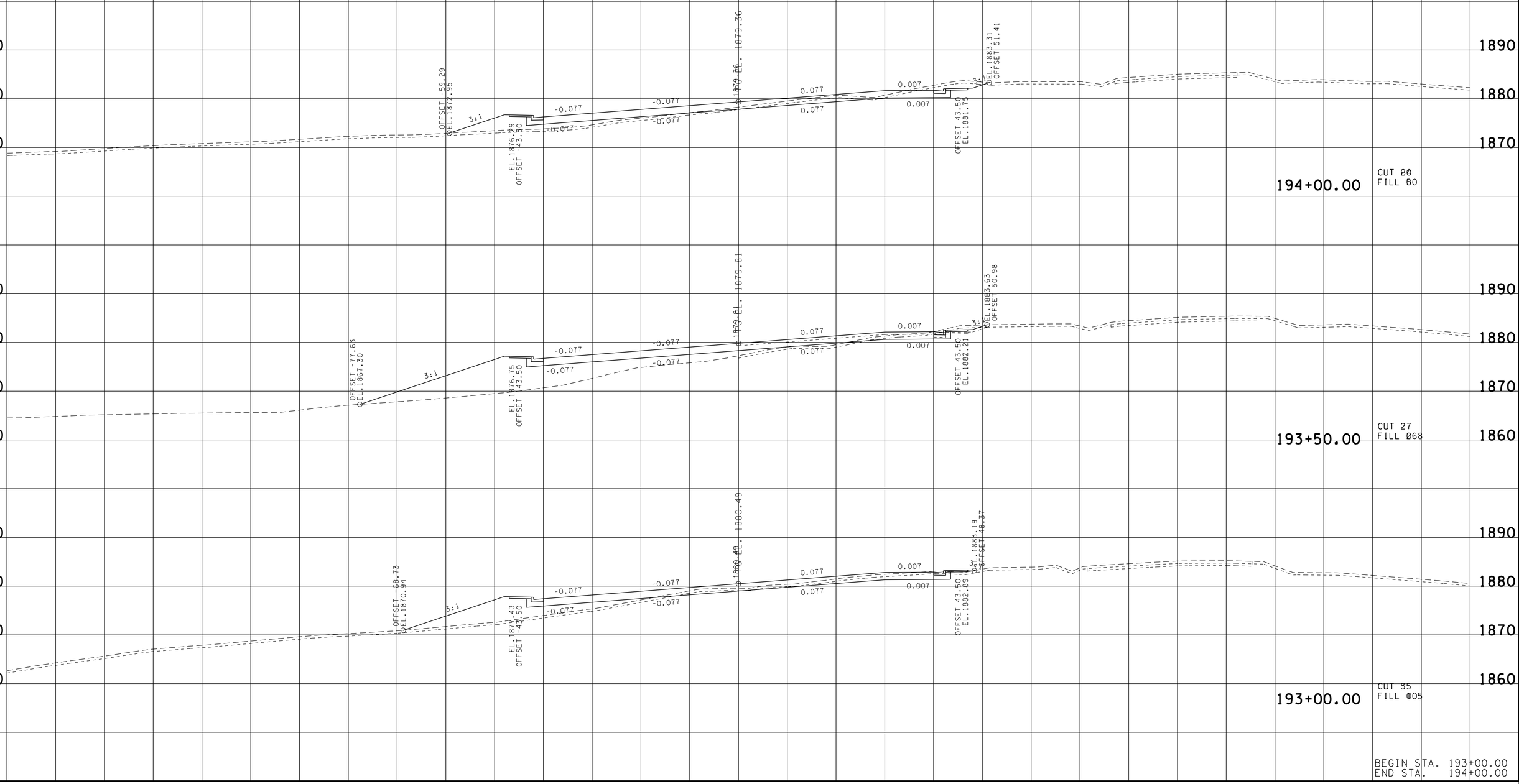
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	110
CONST.	2016	STP-101(16)	128

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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23-MAY-2016 11:27
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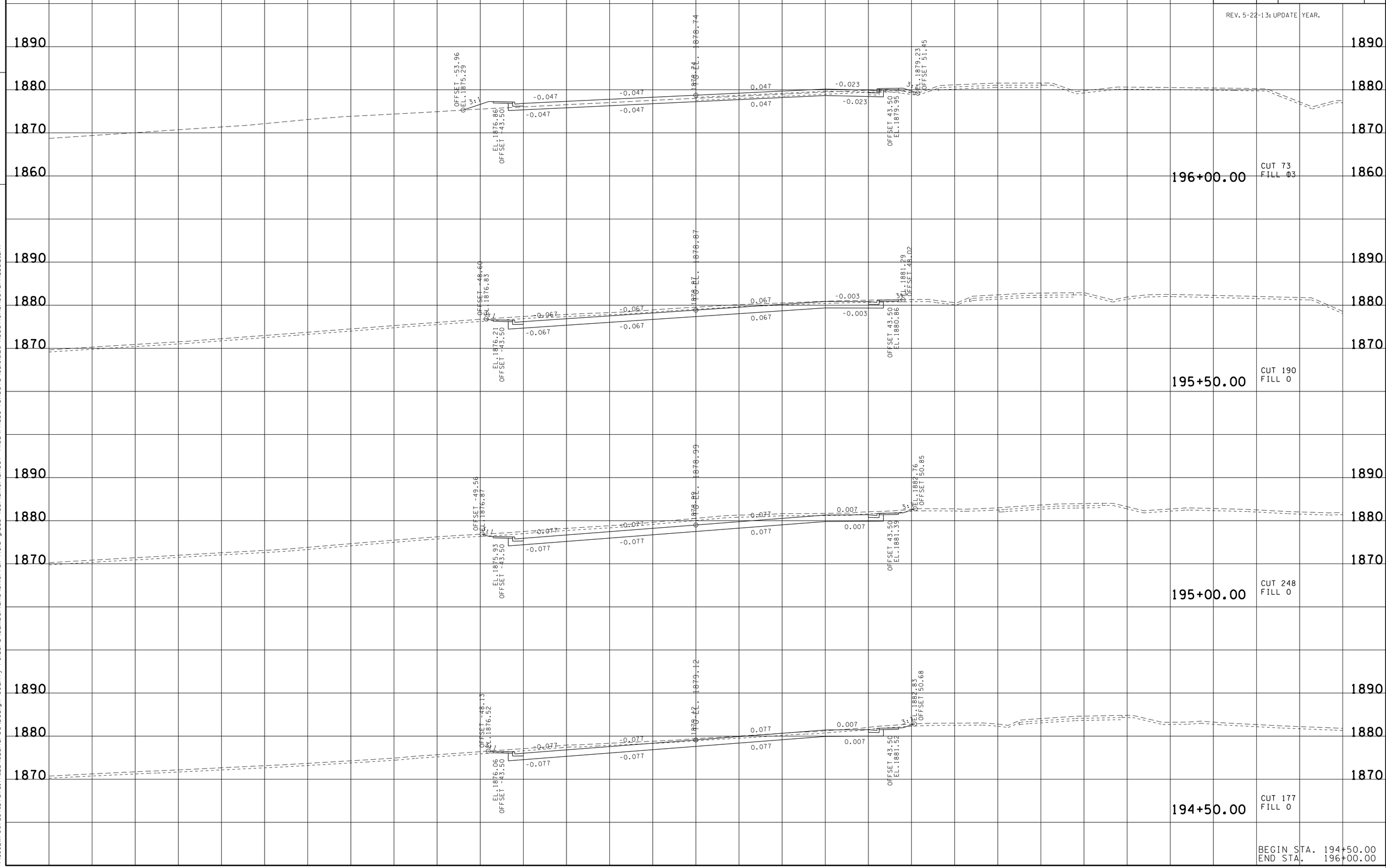
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	111
CONST.	2016	STP-101(16)	129

REV. 5-22-13: UPDATE YEAR.

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



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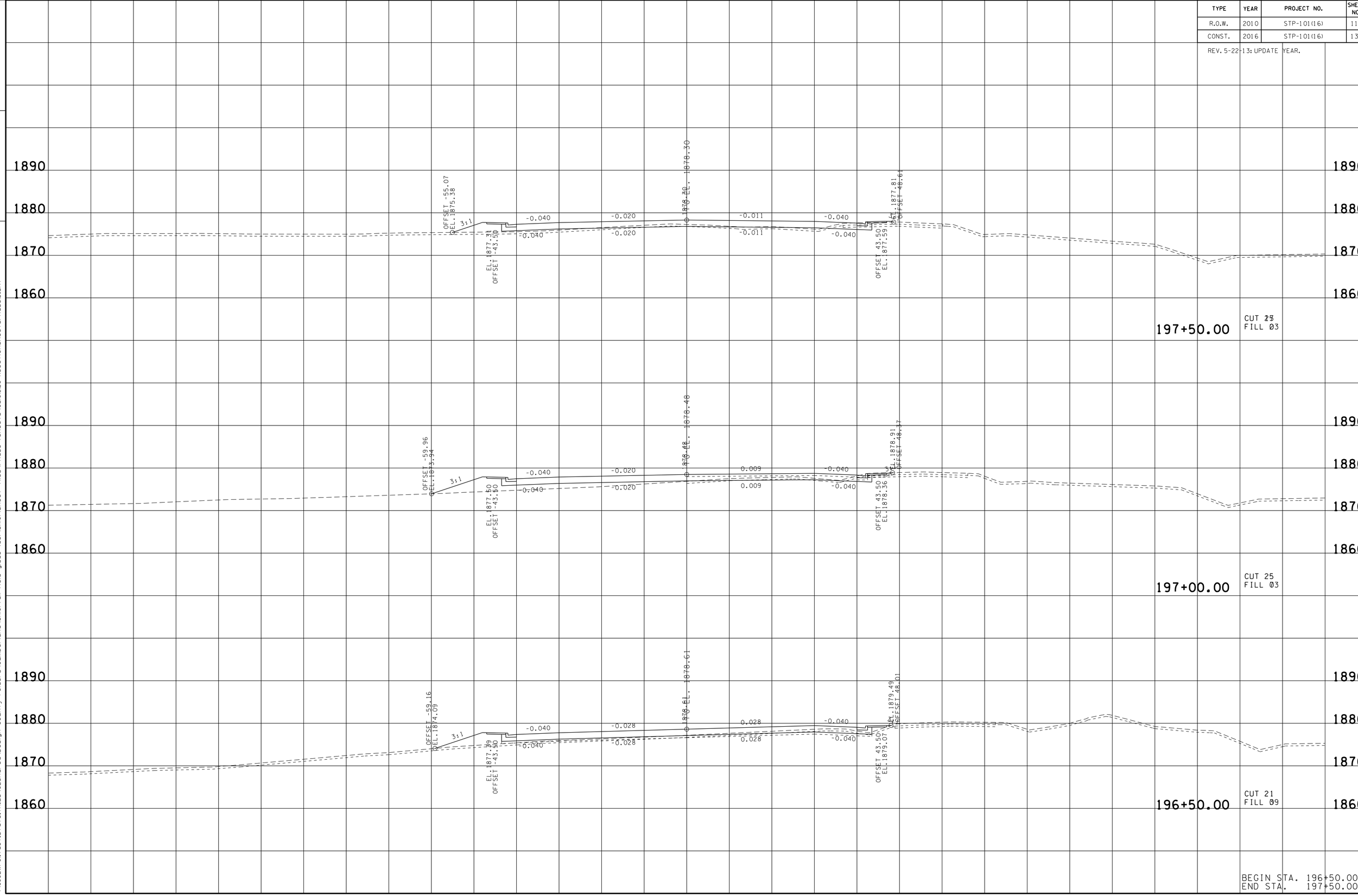
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	112
CONST.	2016	STP-101(16)	130

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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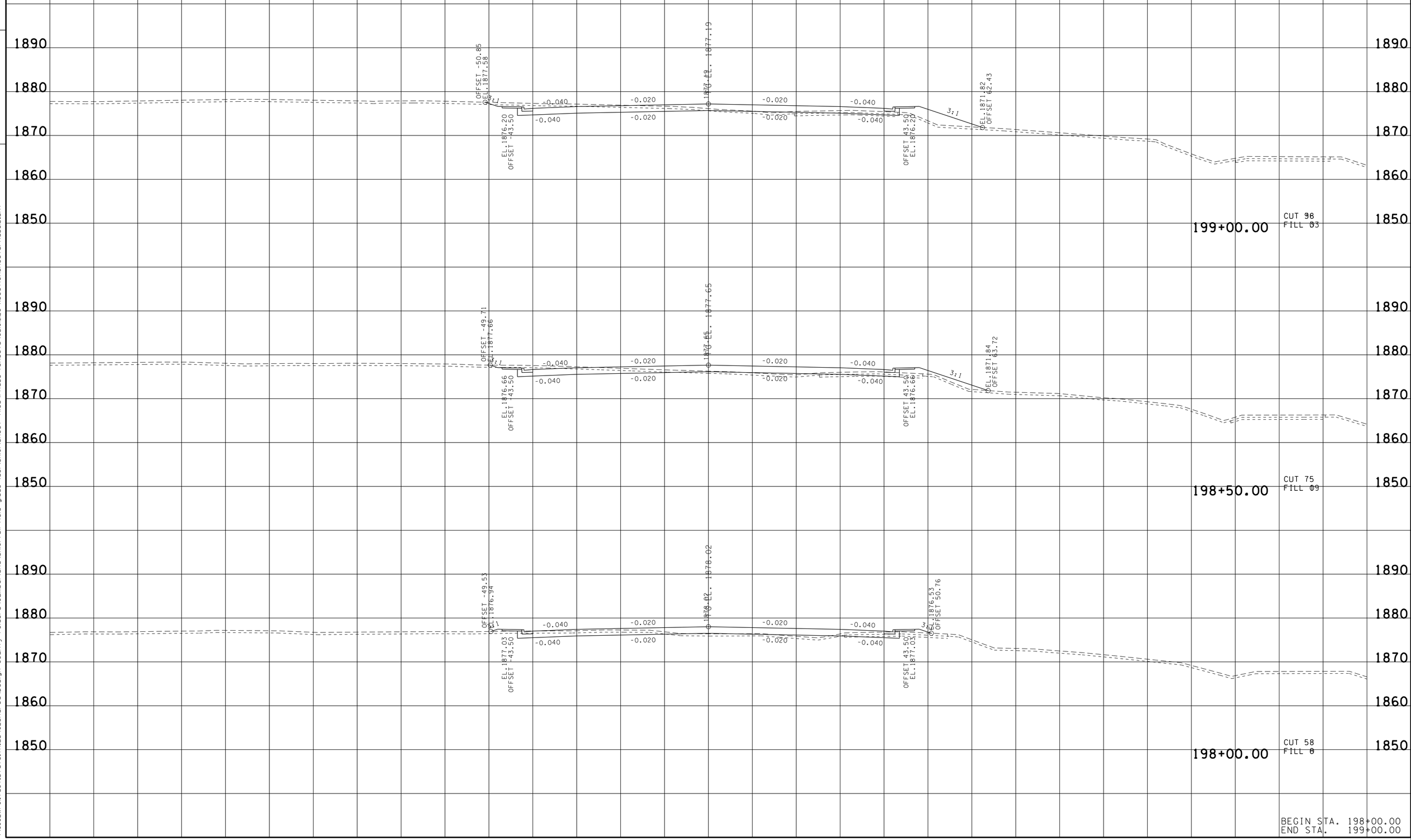
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	113
CONST.	2016	STP-101(16)	131

REV. 5-22-13: UPDATE YEAR.

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



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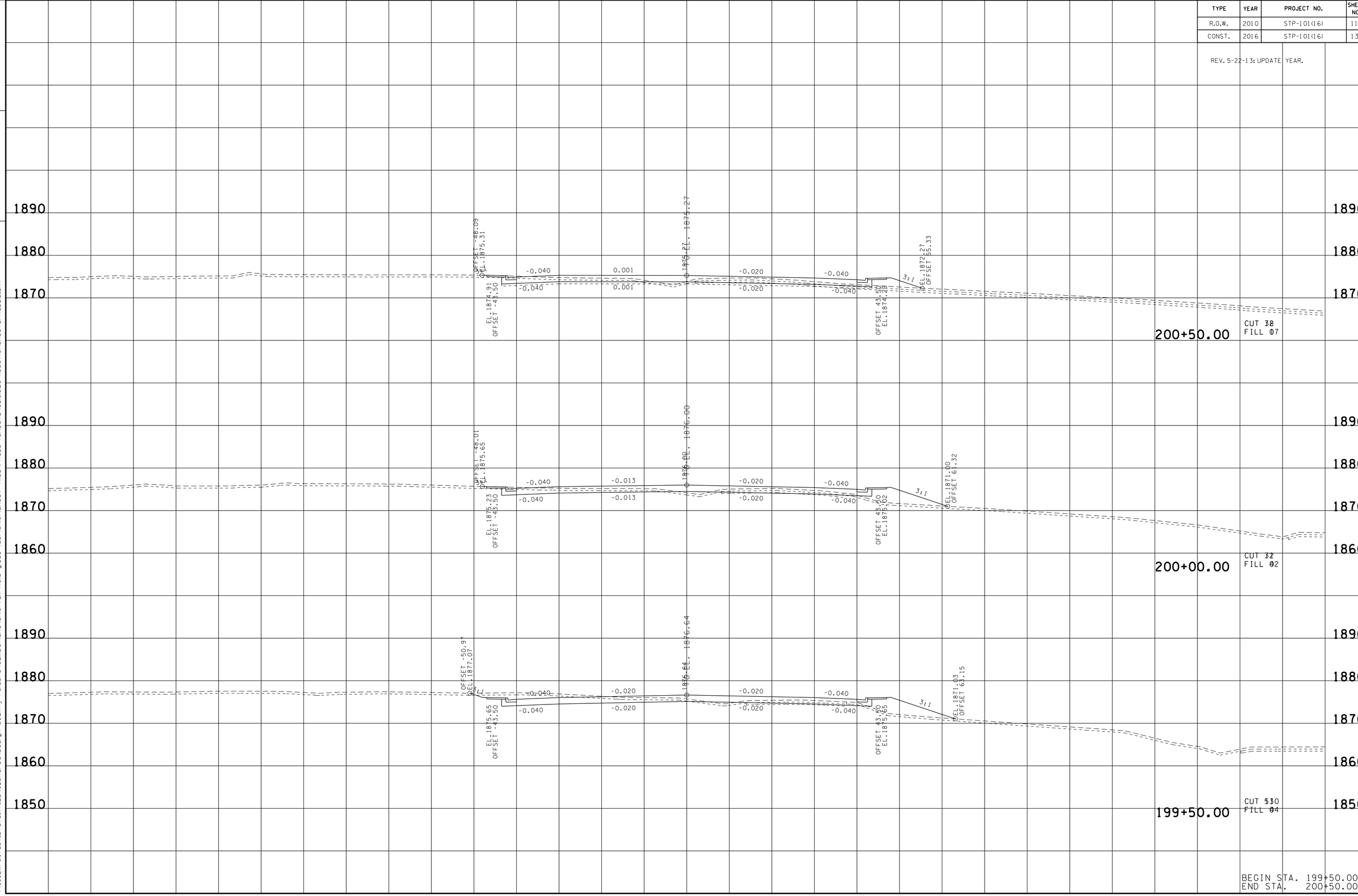
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	114
CONST.	2016	STP-101(16)	132

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 199+50.00
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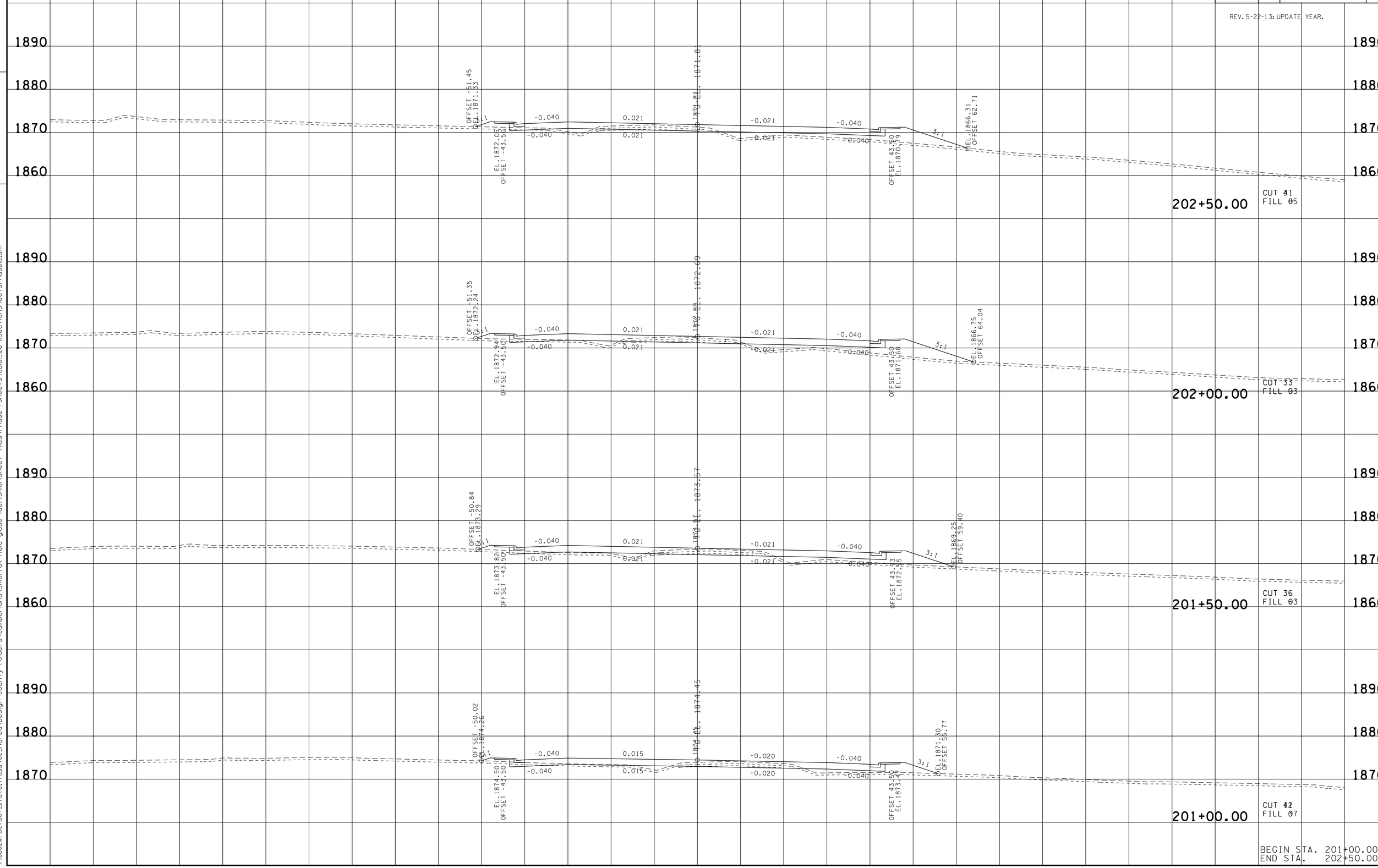
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	115
CONST.	2016	STP-101(16)	133

REV. 5-22-13: UPDATE YEAR.

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



BEGIN STA. 201+00.00
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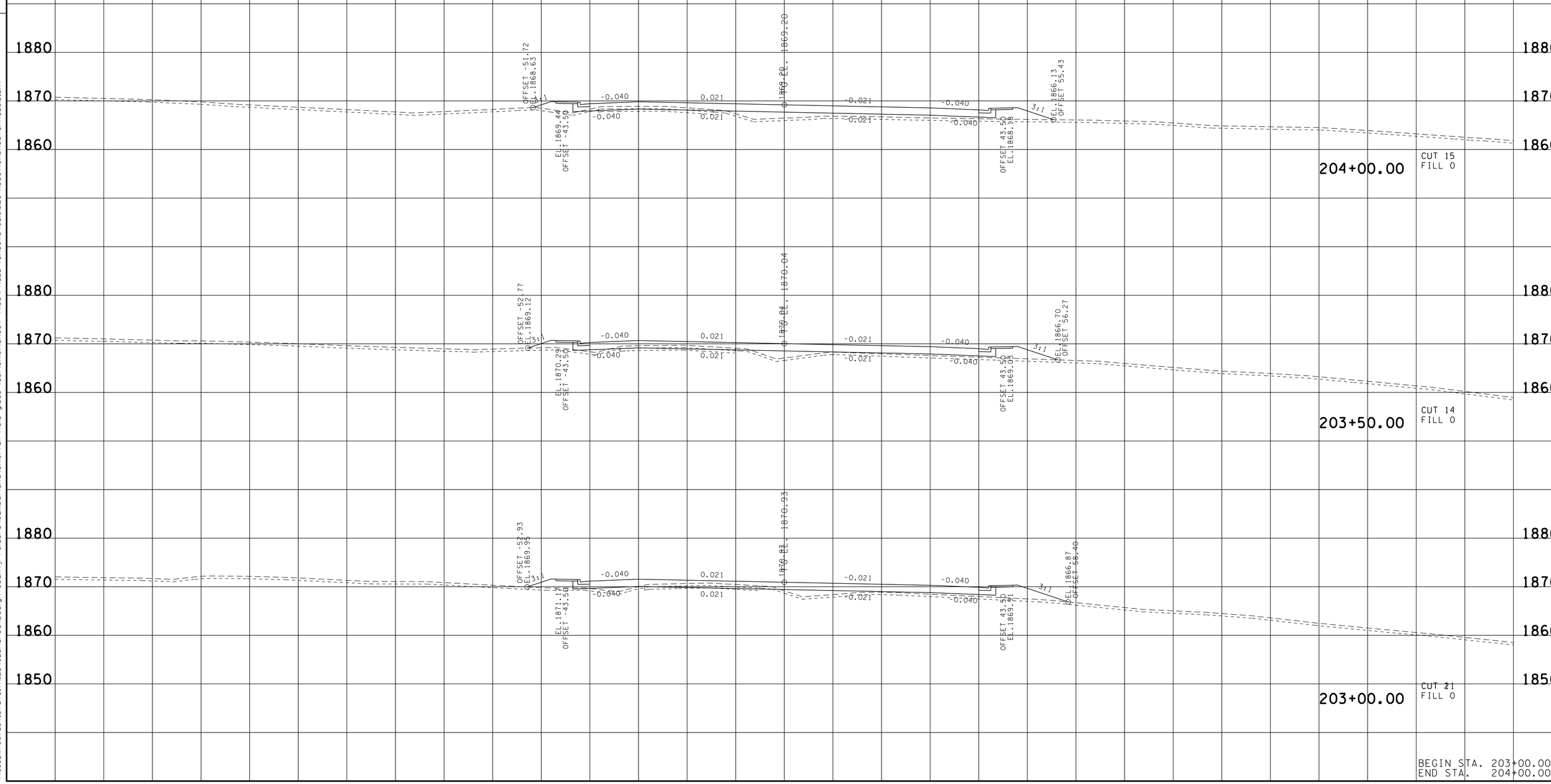
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	116
CONST.	2016	STP-101(16)	134

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 203+00.00
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23-MAY-2016 lu29
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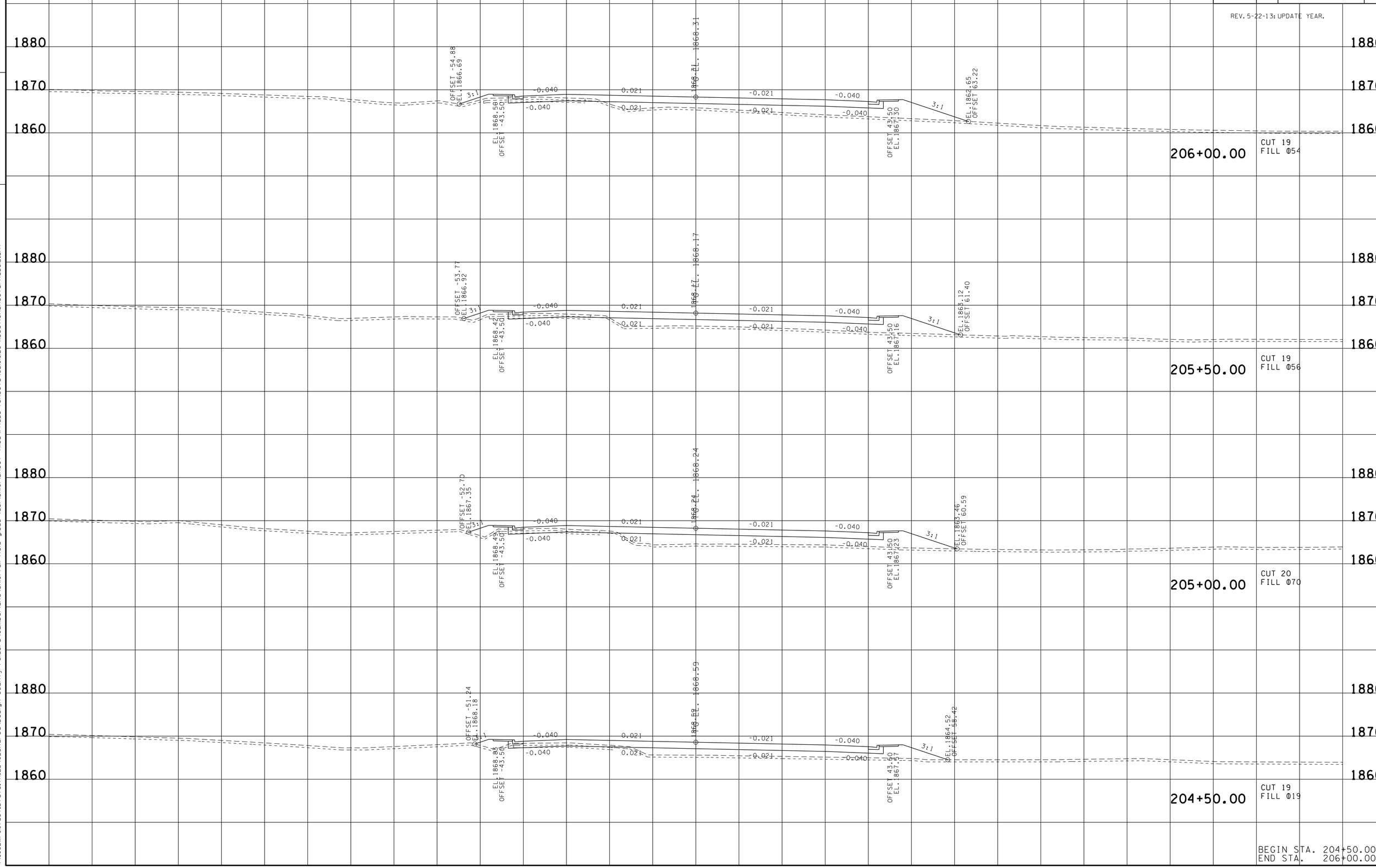
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	117
CONST.	2016	STP-101(16)	135

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 204+50.00
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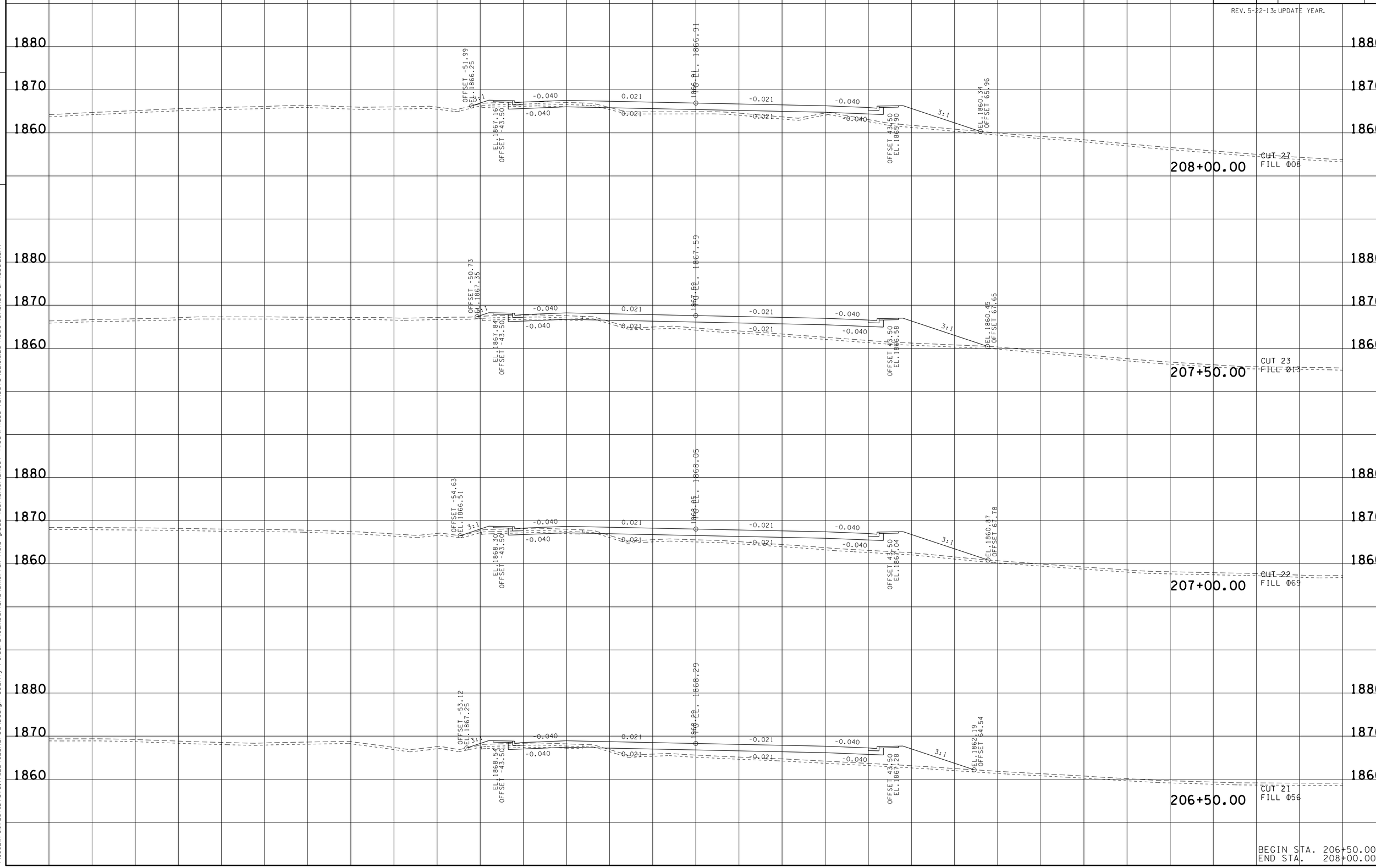
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	118
CONST.	2016	STP-101(16)	136

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 206+50.00
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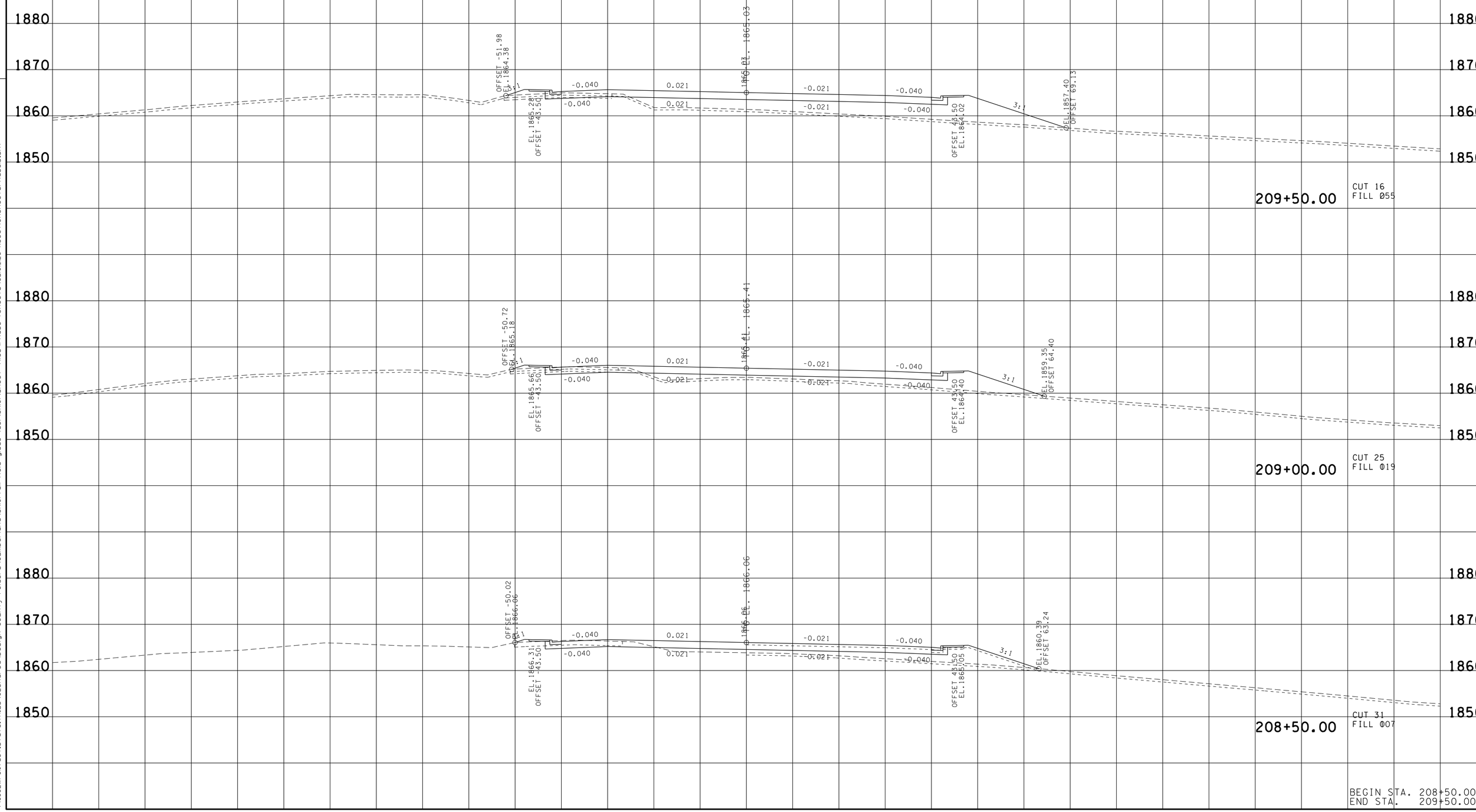
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	119
CONST.	2016	STP-101(16)	137

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



BEGIN STA. 208+50.00
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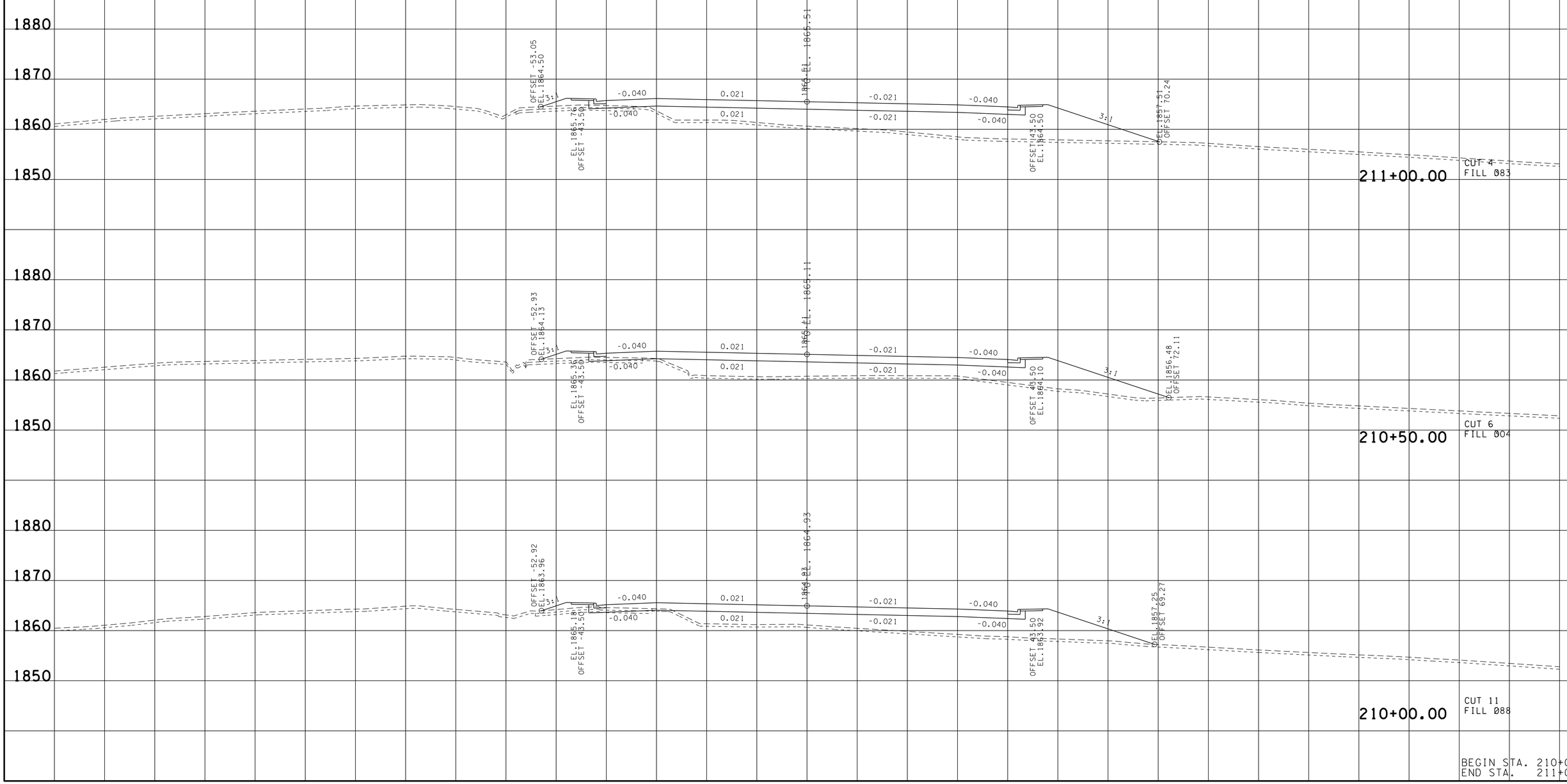
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	120
CONST.	2016	STP-101(16)	138

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 210+00.00
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23-MAY-2016 11:30
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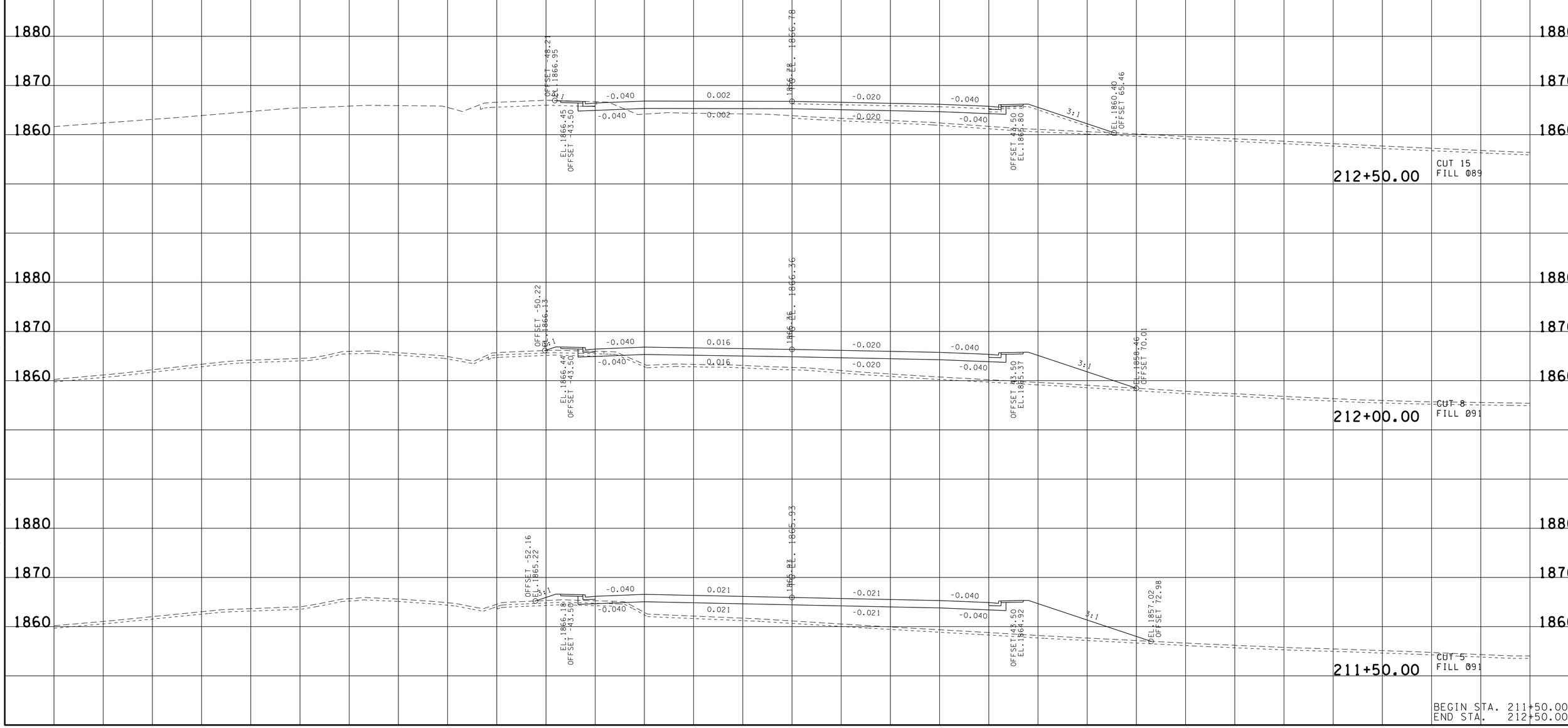
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	121
CONST.	2016	STP-101(16)	139

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 211+50.00
END STA. 212+50.00

23-MAY-2016 11:30
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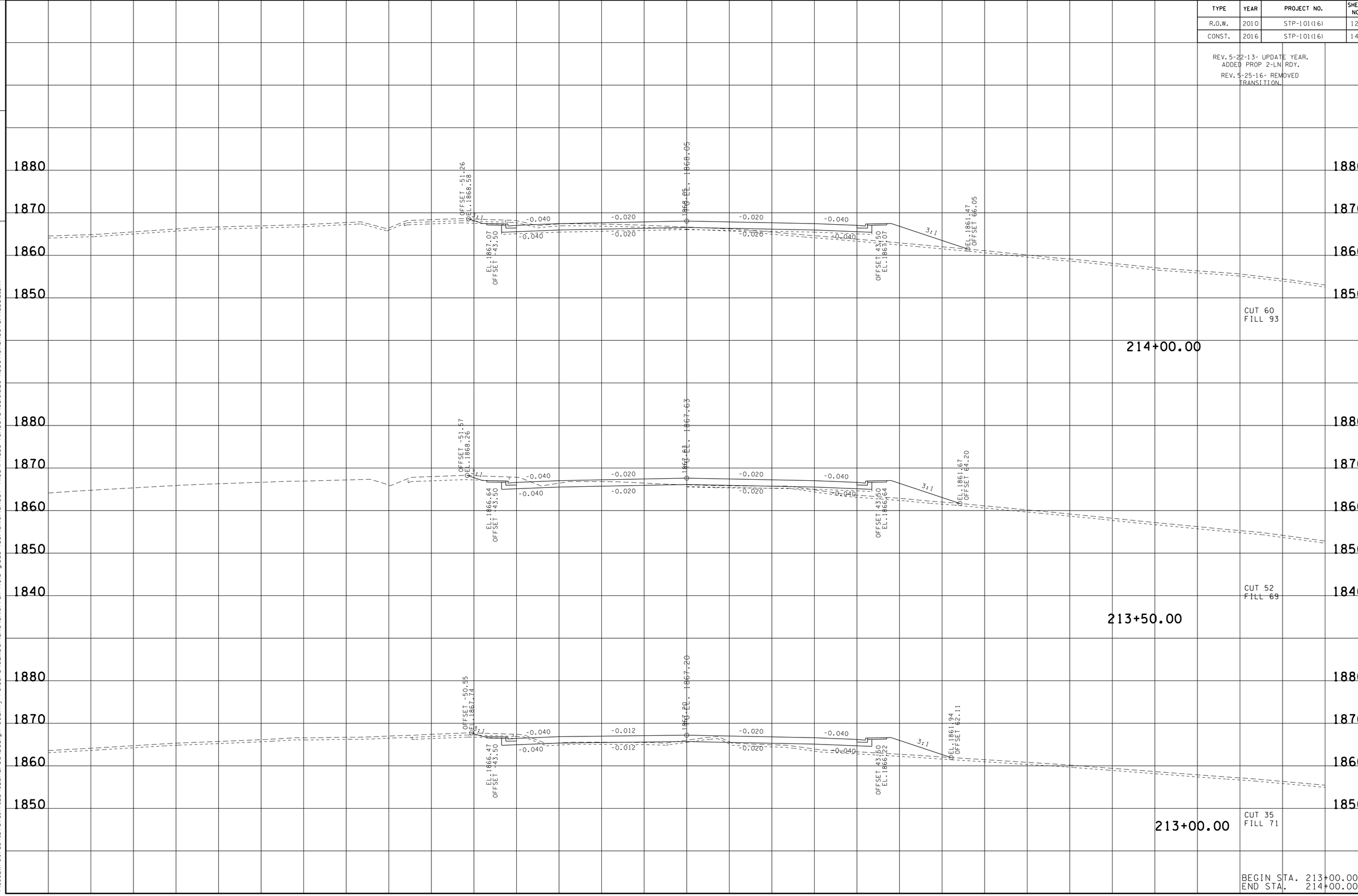
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	122
CONST.	2016	STP-101(16)	140

REV. 5-22-13- UPDATE YEAR.
ADDED PROP 2-LN RDY.

REV. 5-25-16- REMOVED
TRANSITION.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 213+00.00
END STA. 214+00.00

23-MAY-2016 11:30
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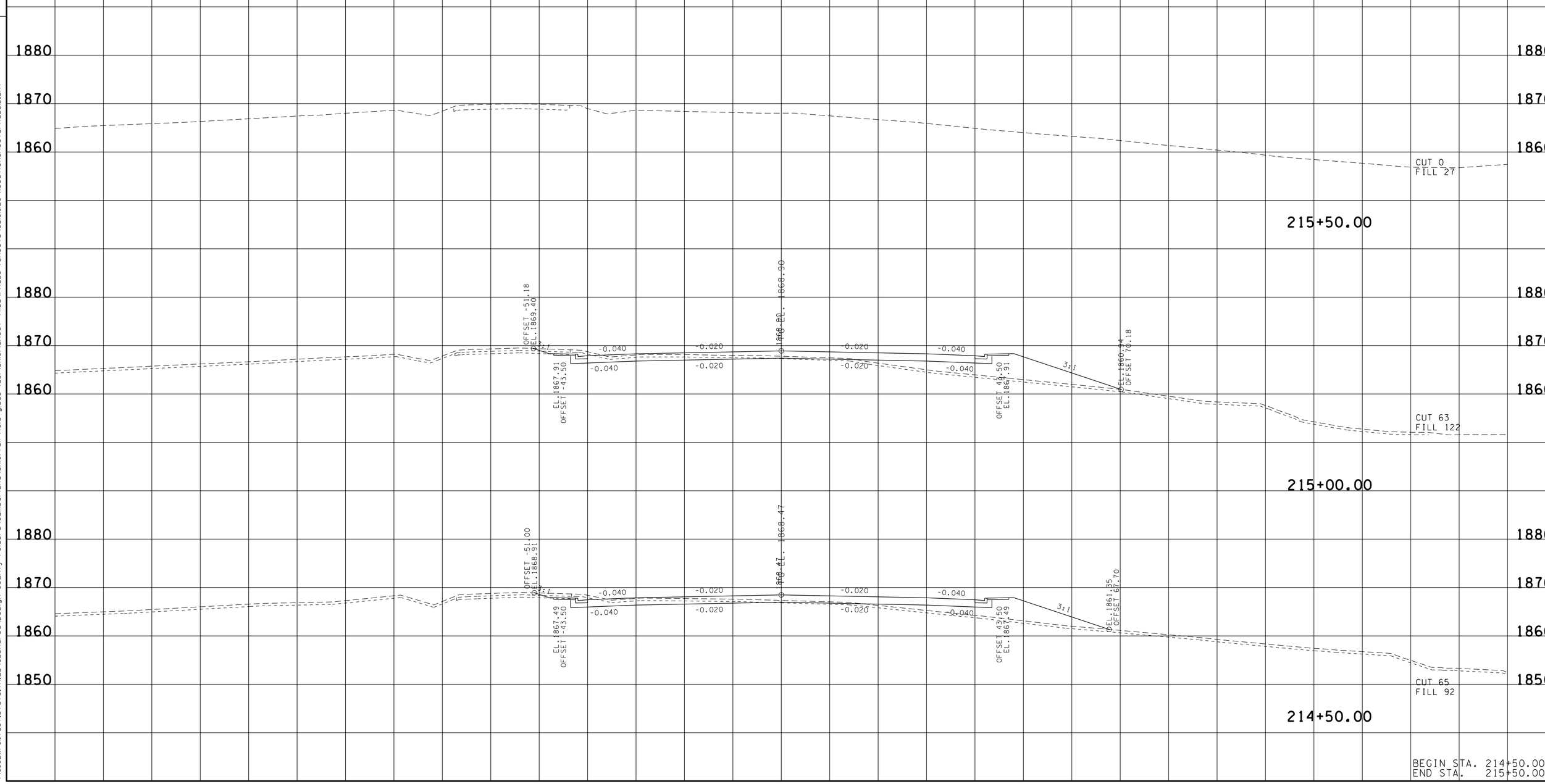
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	123
CONST.	2016	STP-101(16)	141

REV. 5-22-13- UPDATE YEAR.
ADDED PROP 2-LN RDY.
REV. 5-25-16- REMOVED
TRANSITION.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN STA. 214+50.00
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23-MAY-2016 11:31
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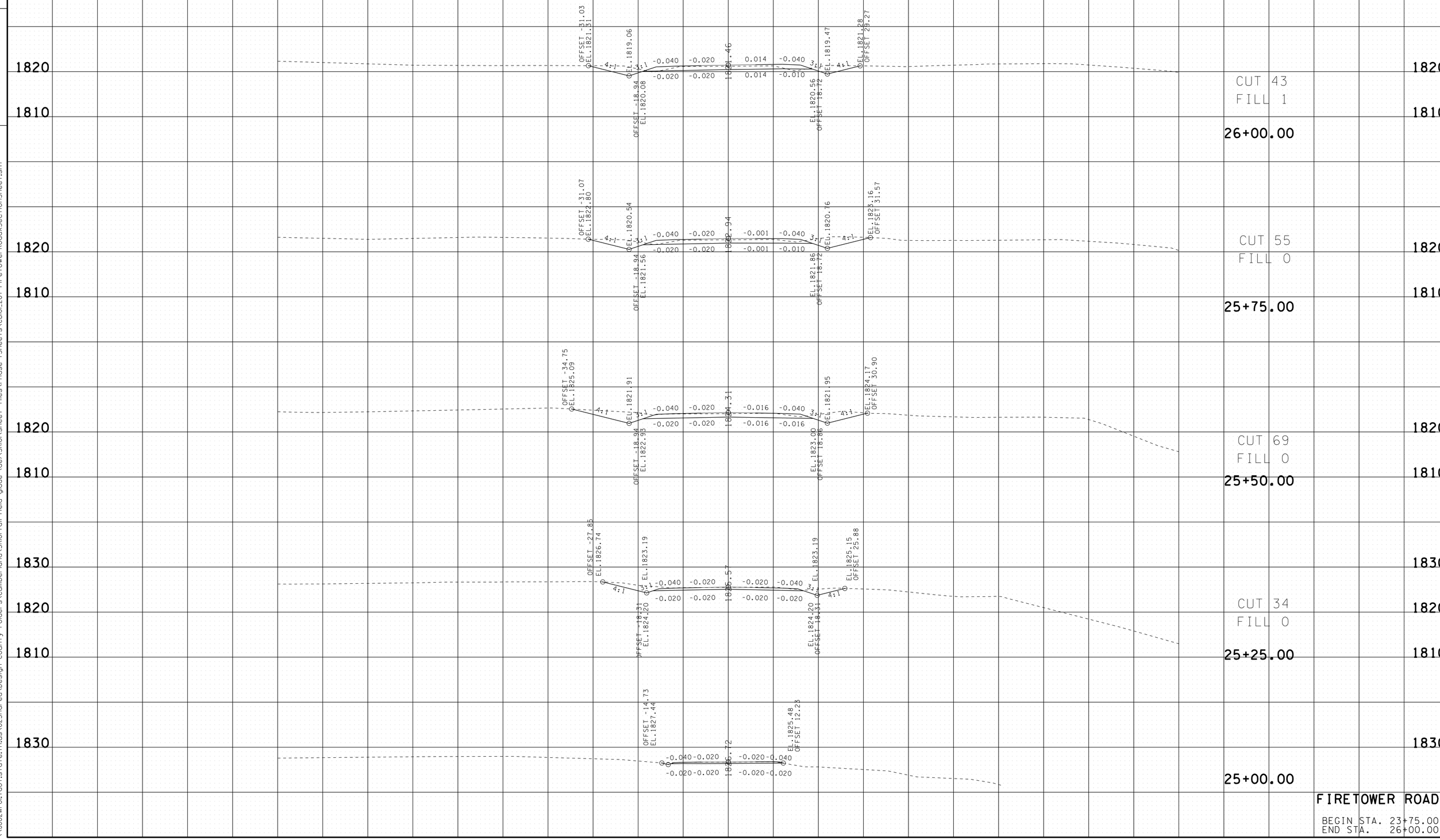
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	207
CONST.	2016	STP-101(16)	207

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FIRETOWER ROAD

BEGIN STA. 23+75.00
END STA. 26+00.00

23-MAY-2016 11:40
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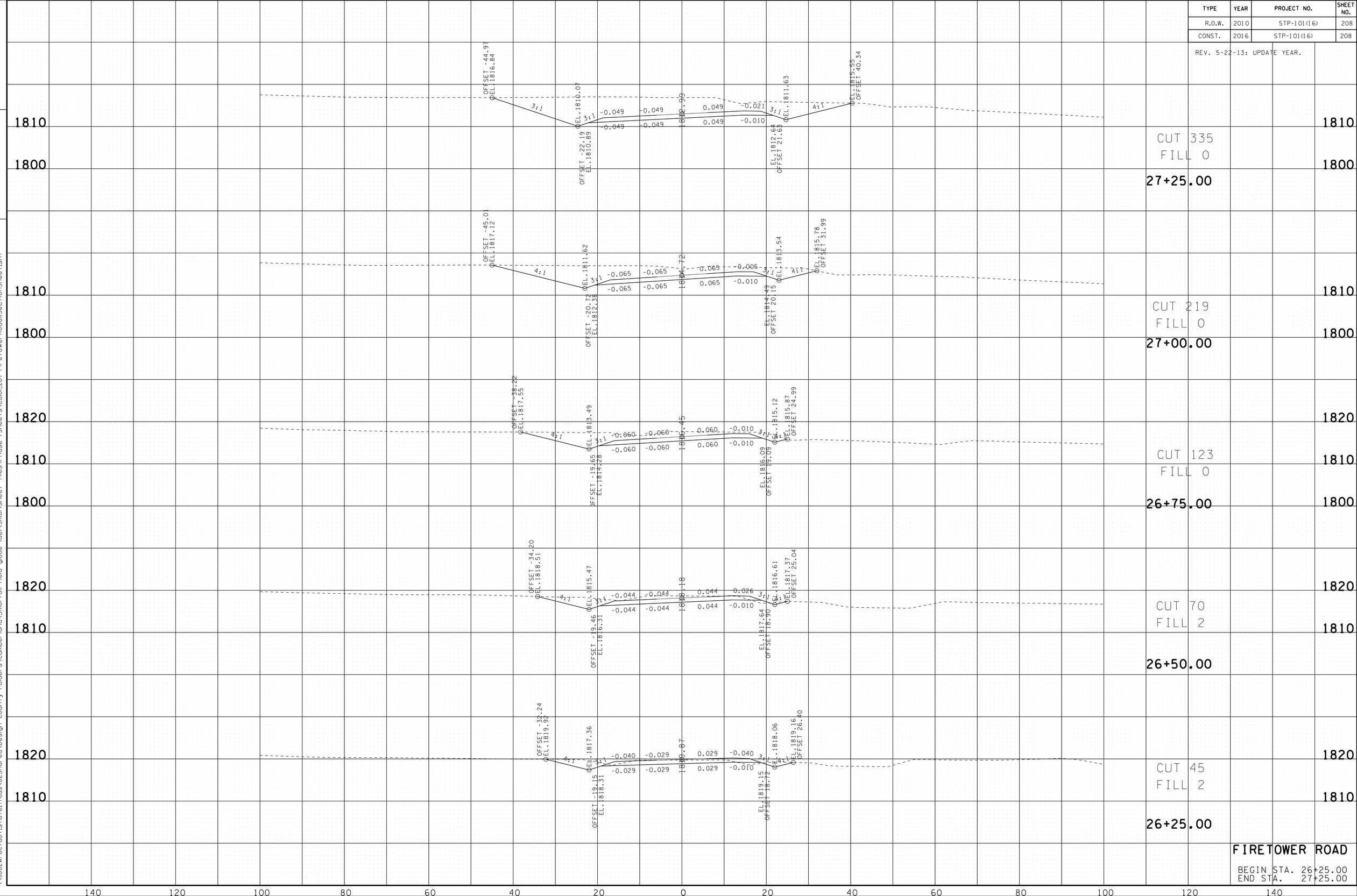
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	208
CONST.	2016	STP-101(16)	208

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FIRETOWER ROAD

BEGIN STA. 26+25.00
END STA. 27+25.00

23-MAY-2016 11:40
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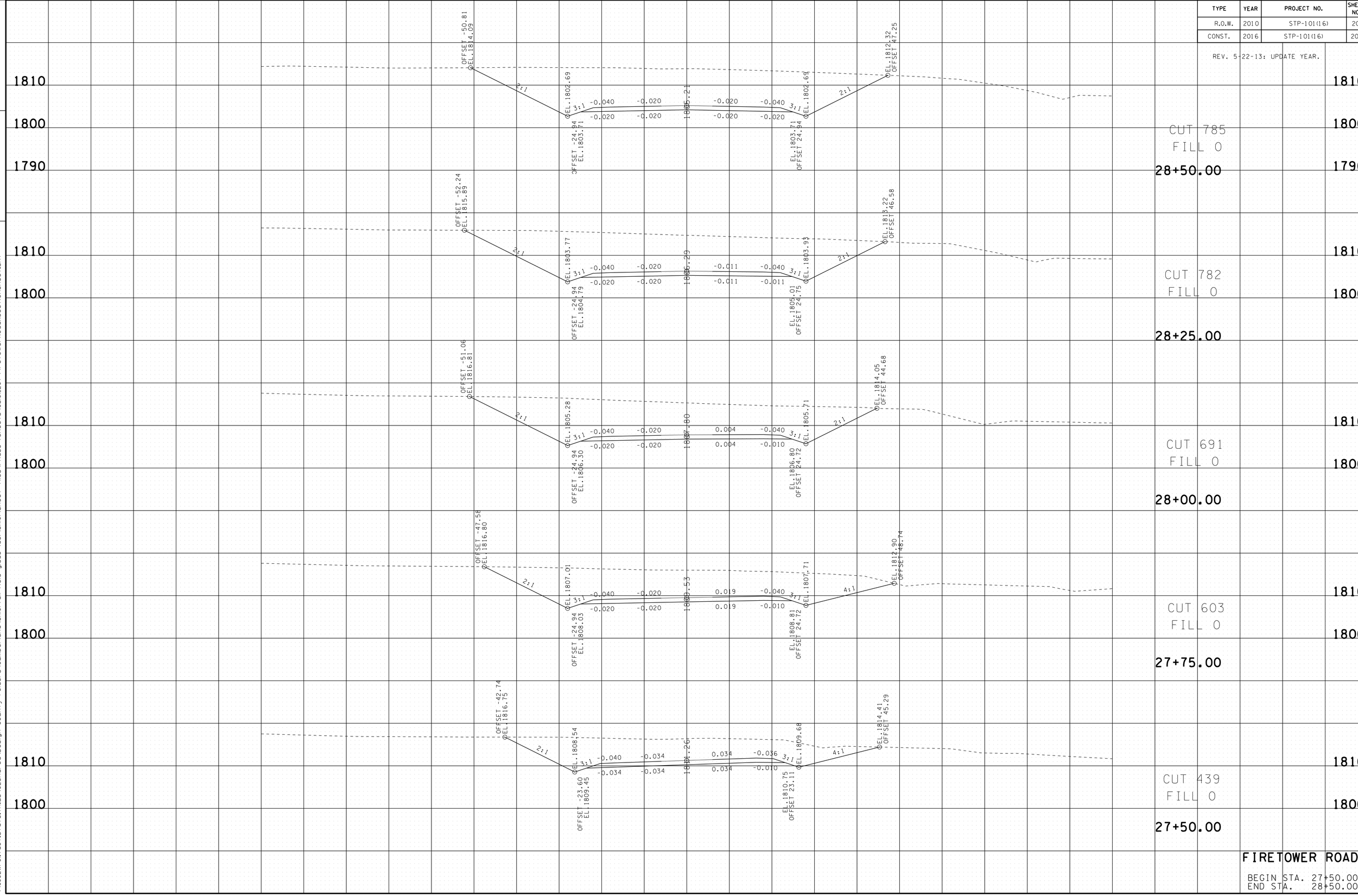
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	209
CONST.	2016	STP-101(16)	209

REV. 5-22-13: UPDATE YEAR.



FIRETOWER ROAD

BEGIN STA. 27+50.00
END STA. 28+50.00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

23-MAY-2016 11:40
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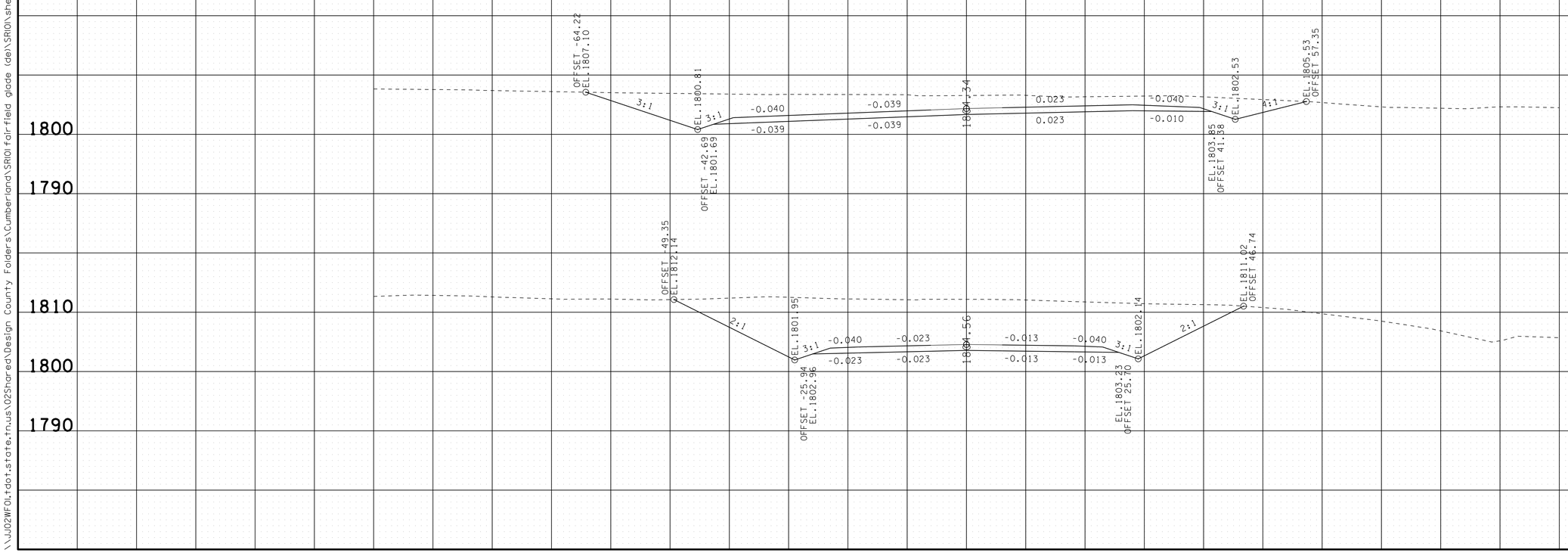
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	210
CONST.	2016	STP-101(16)	210

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FIRETOWER ROAD

BEGIN STA. 28+75.00
END STA. 29+00.00

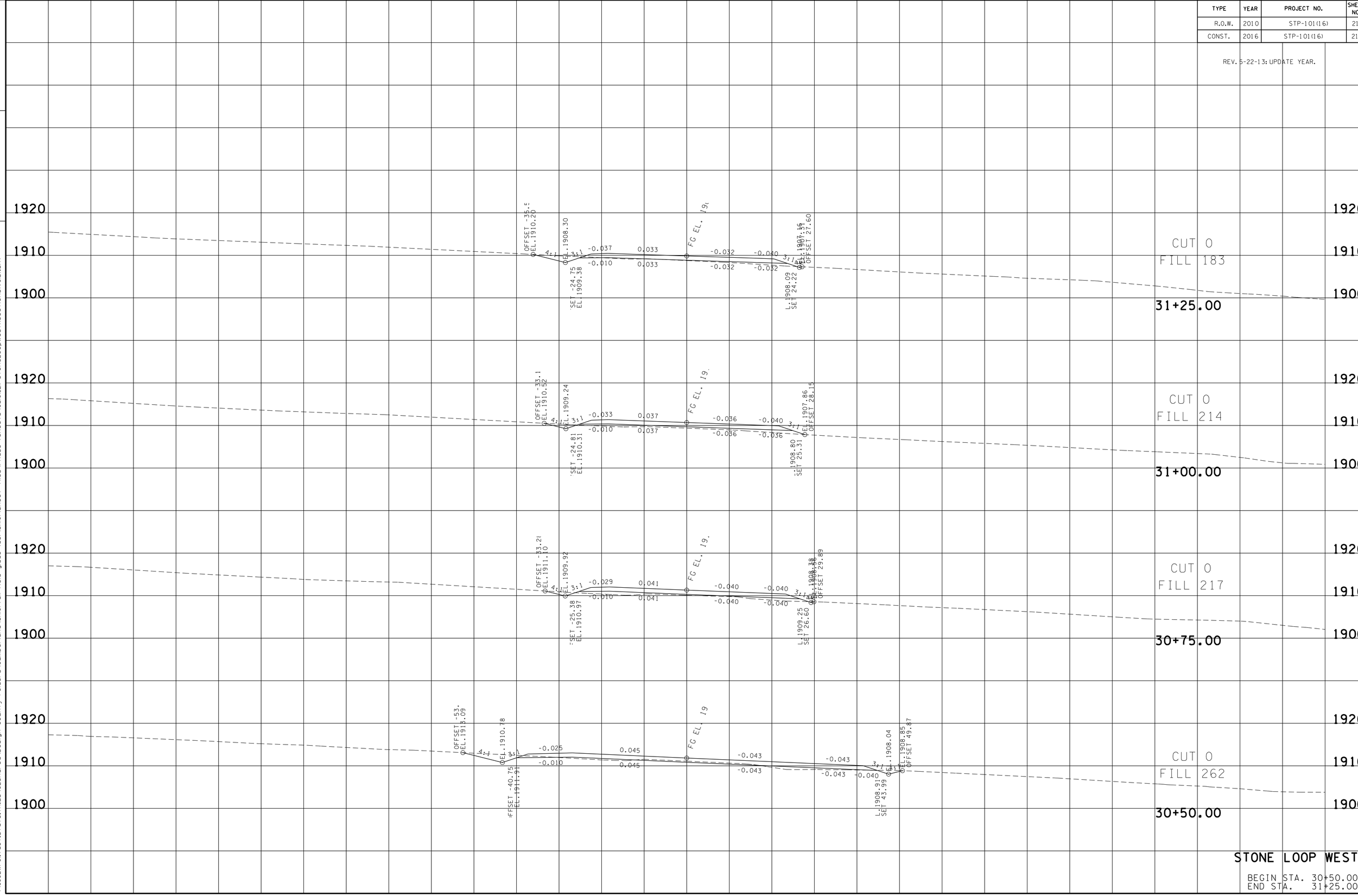
23-MAY-2016 11:40
\\JU02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fair-field glade (de)\SR101\sheet files\Phase 1Sheets\CU101.207-FiretowerRoadXSectionSheet.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	211
CONST.	2016	STP-101(16)	211

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



STONE LOOP WEST

BEGIN STA. 30+50.00
END STA. 31+25.00

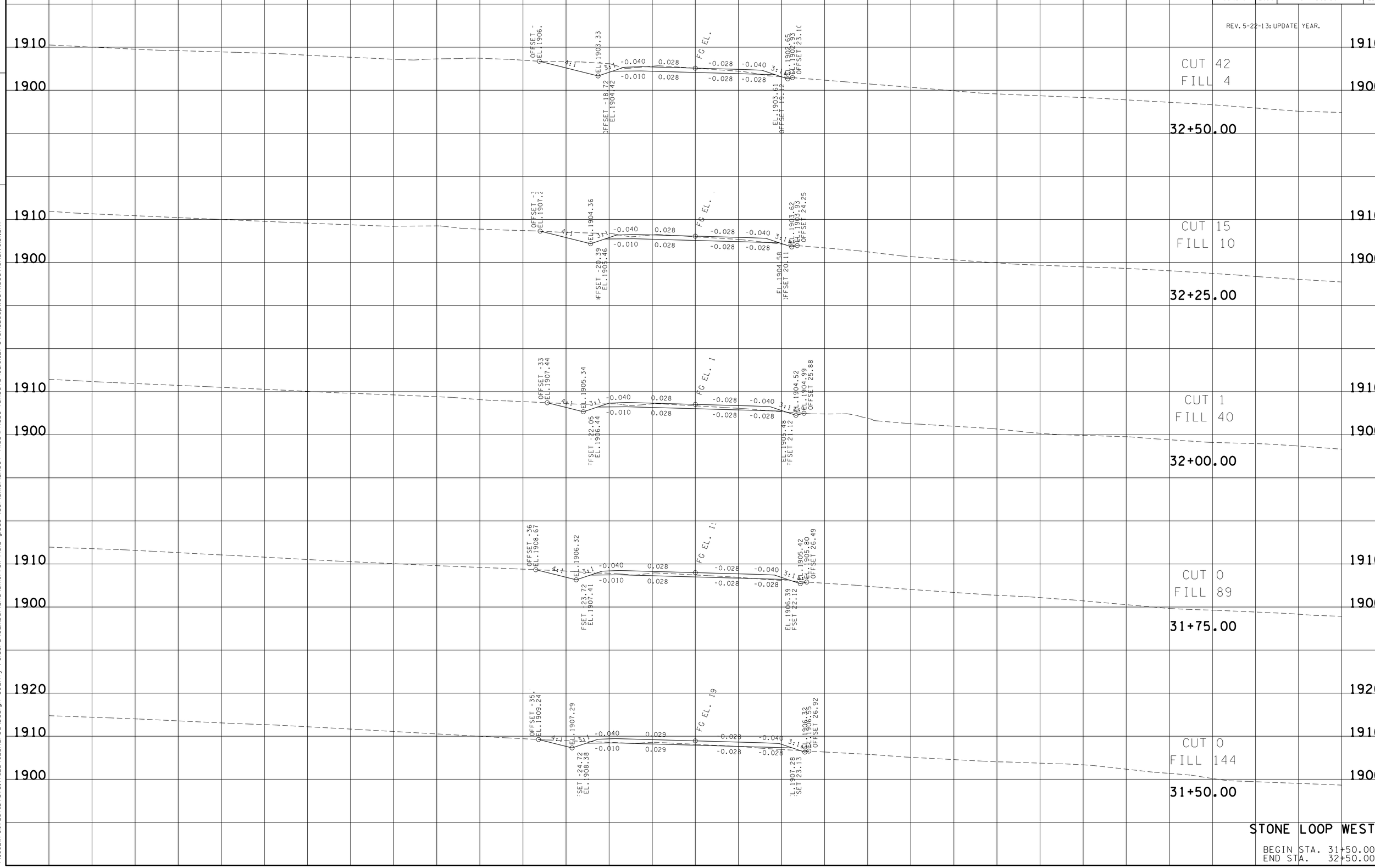
23-MAY-2016 11:40
\\JU02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fairfield glade (de)\SR101\sheet files\Phase 1Sheets\CU101.2li-StoneLoopWestXSections(V01D).sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	212
CONST.	2016	STP-101(16)	212

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



STONE LOOP WEST

BEGIN STA. 31+50.00
END STA. 32+50.00

23-MAY-2016 11:40
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fairfield glade (de)\SR101\sheet files\Phase 1Sheets\CU101.2li-StoneLoopWestXSections(VOID).sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	213
CONST.	2016	STP-101(16)	213

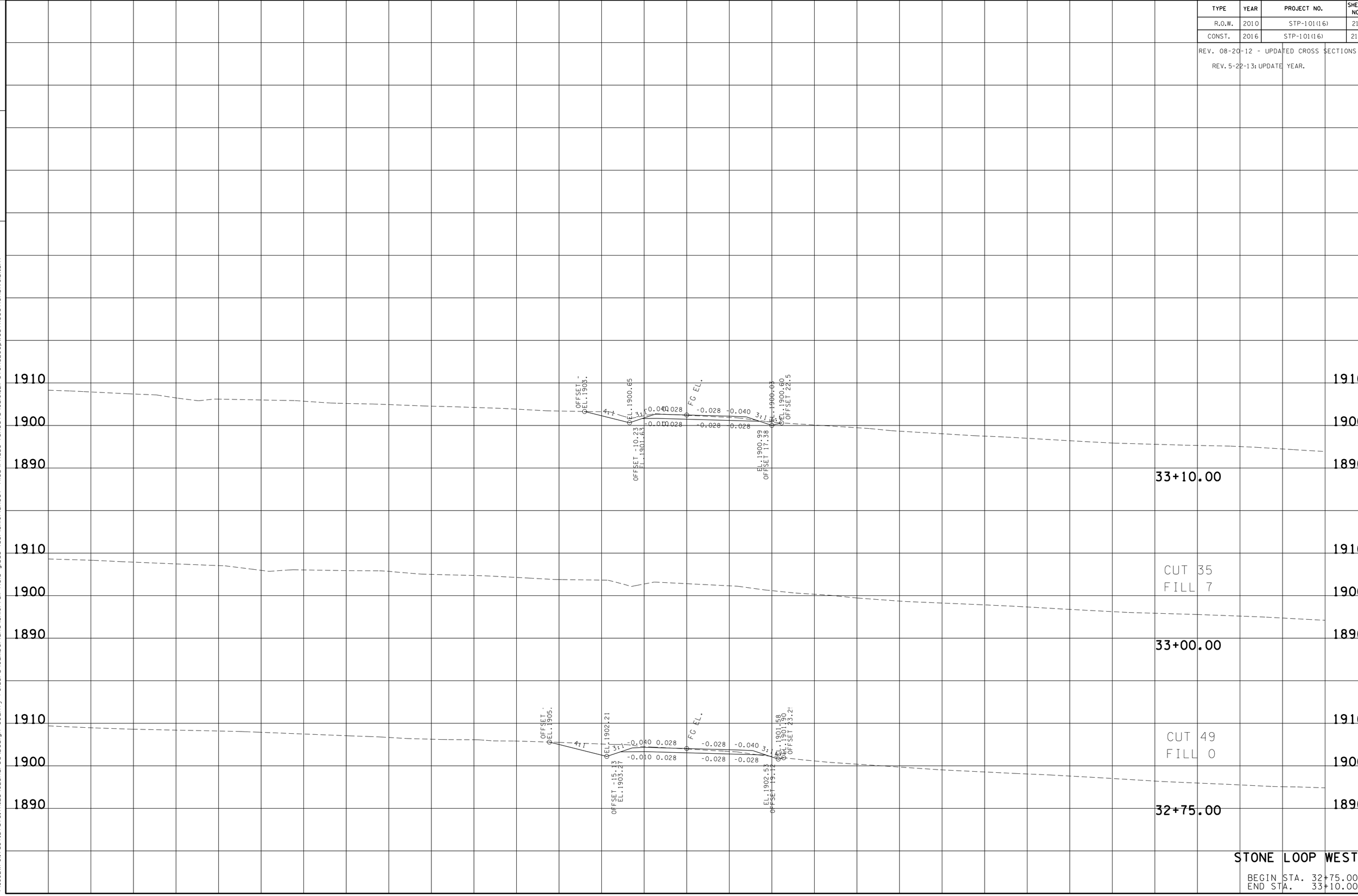
REV. 08-20-12 - UPDATED CROSS SECTIONS

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.

DESIGN DIVISION

FILE NO.



STONE LOOP WEST

BEGIN STA. 32+75.00
END STA. 33+10.00

23-MAY-2016 11:40
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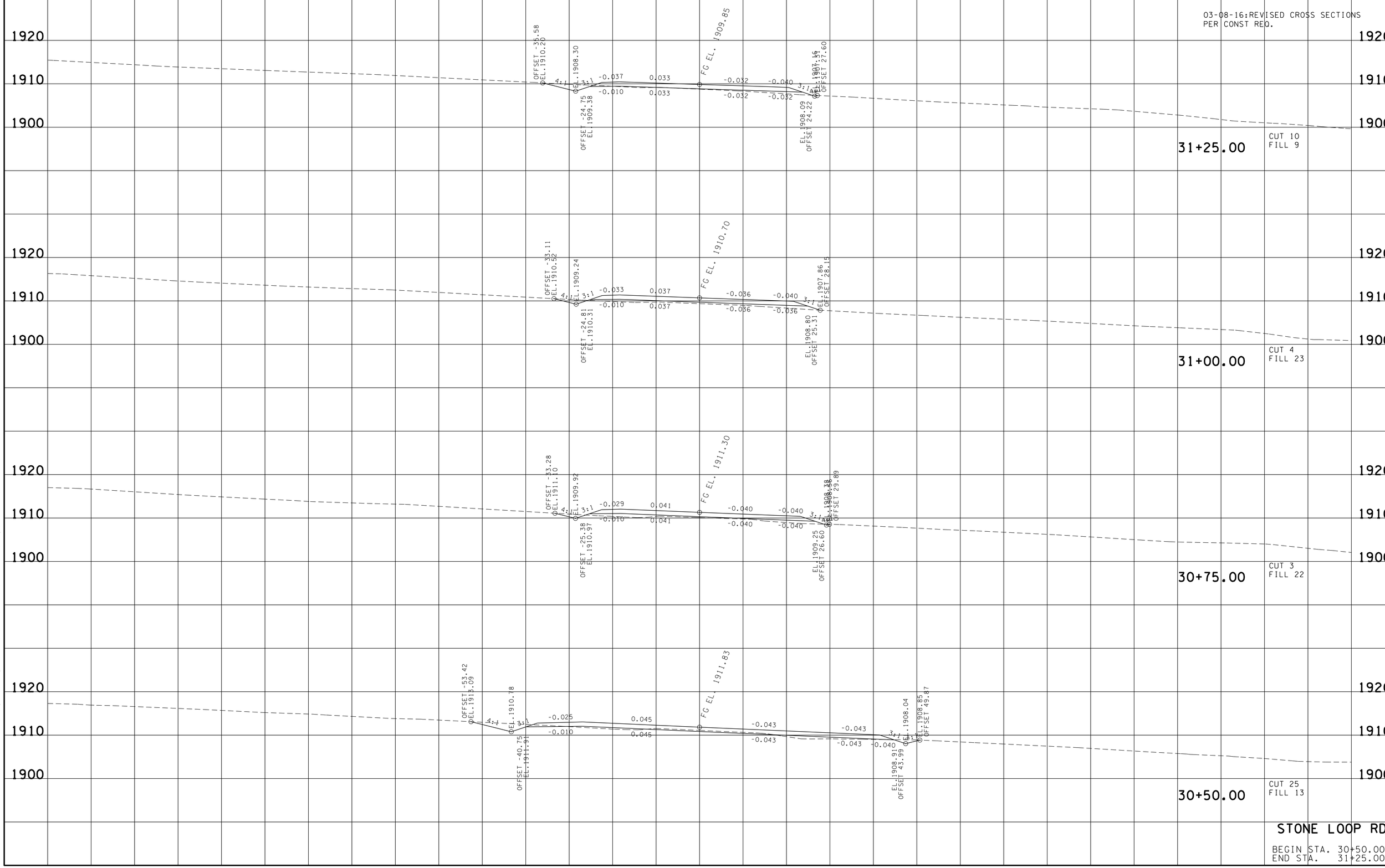
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	211
CONST.	2016	STP-101(16)	211

03-08-16:REVISED CROSS SECTIONS
PER CONST REQ.



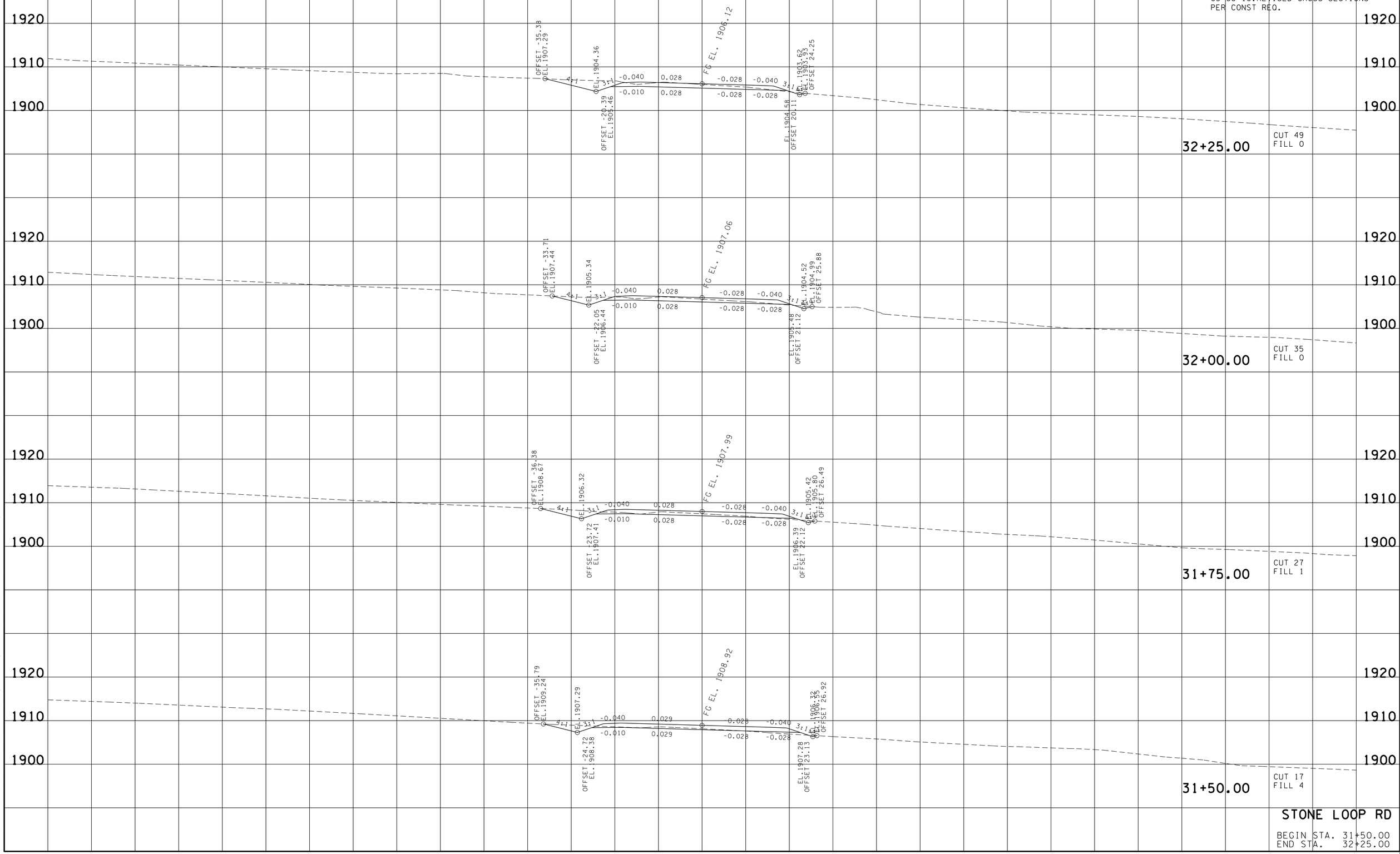
STONE LOOP RD

BEGIN STA. 30+50.00
END STA. 31+25.00

23-MAY-2016 11:40
\\JU02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fair field glade (de)\SR101\sheet files\Phase 1Sheets\CU101.2li-StoneLoopWestXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	212
CONST.	2016	STP-101(16)	212

03-08-16:REVISED CROSS SECTIONS
PER CONST REQ.



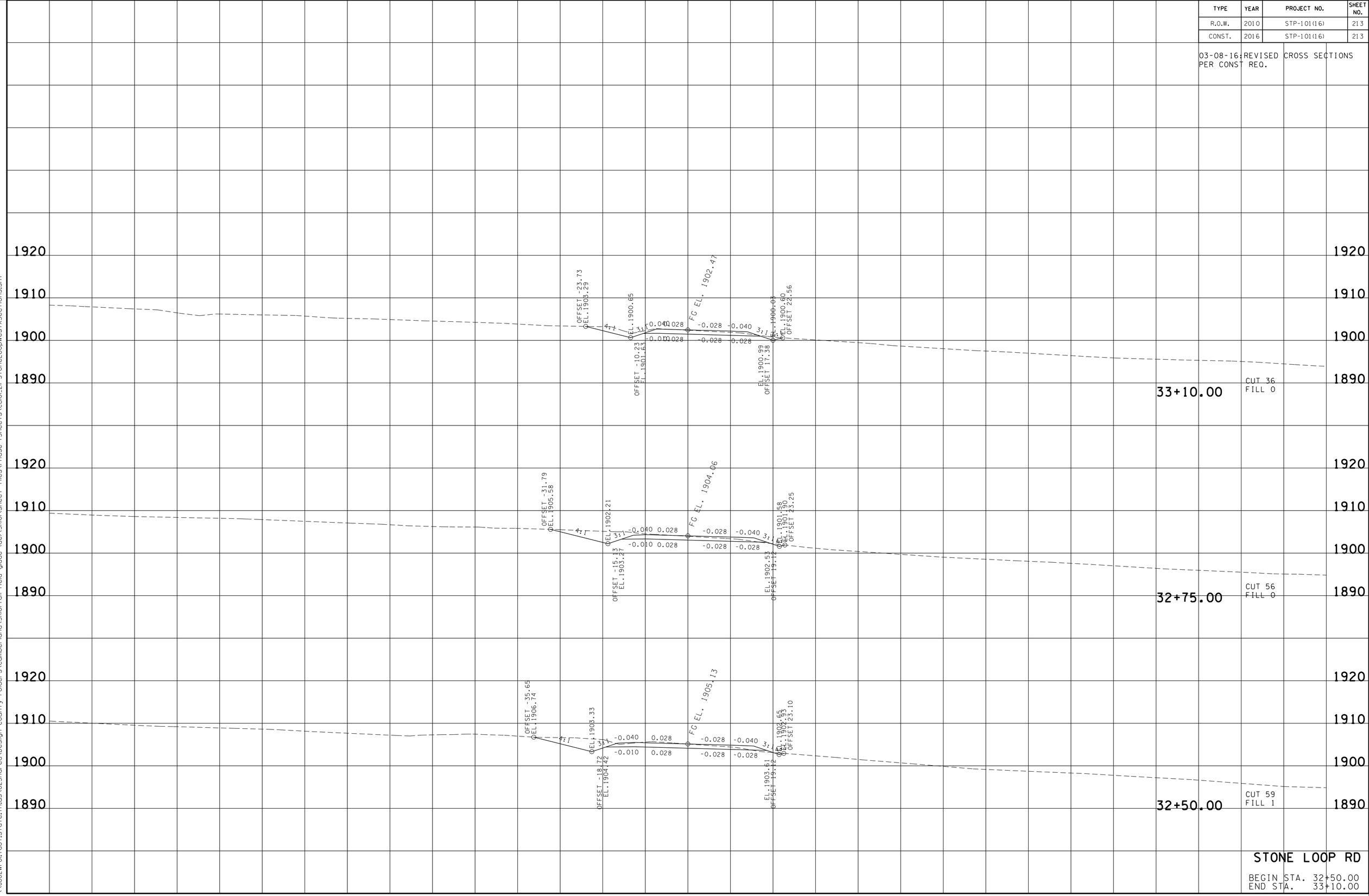
STONE LOOP RD

BEGIN STA. 31+50.00
END STA. 32+25.00

23-MAY-2016 11:40
\\JU02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fair field glade (de)\SR101\sheet files\Phase 1Sheets\CU101.2li-StoneLoopWestXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	213
CONST.	2016	STP-101(16)	213

03-08-16: REVISED CROSS SECTIONS PER CONST REQ.



STONE LOOP RD

BEGIN STA. 32+50.00
END STA. 33+10.00

23-MAY-2016 11:40
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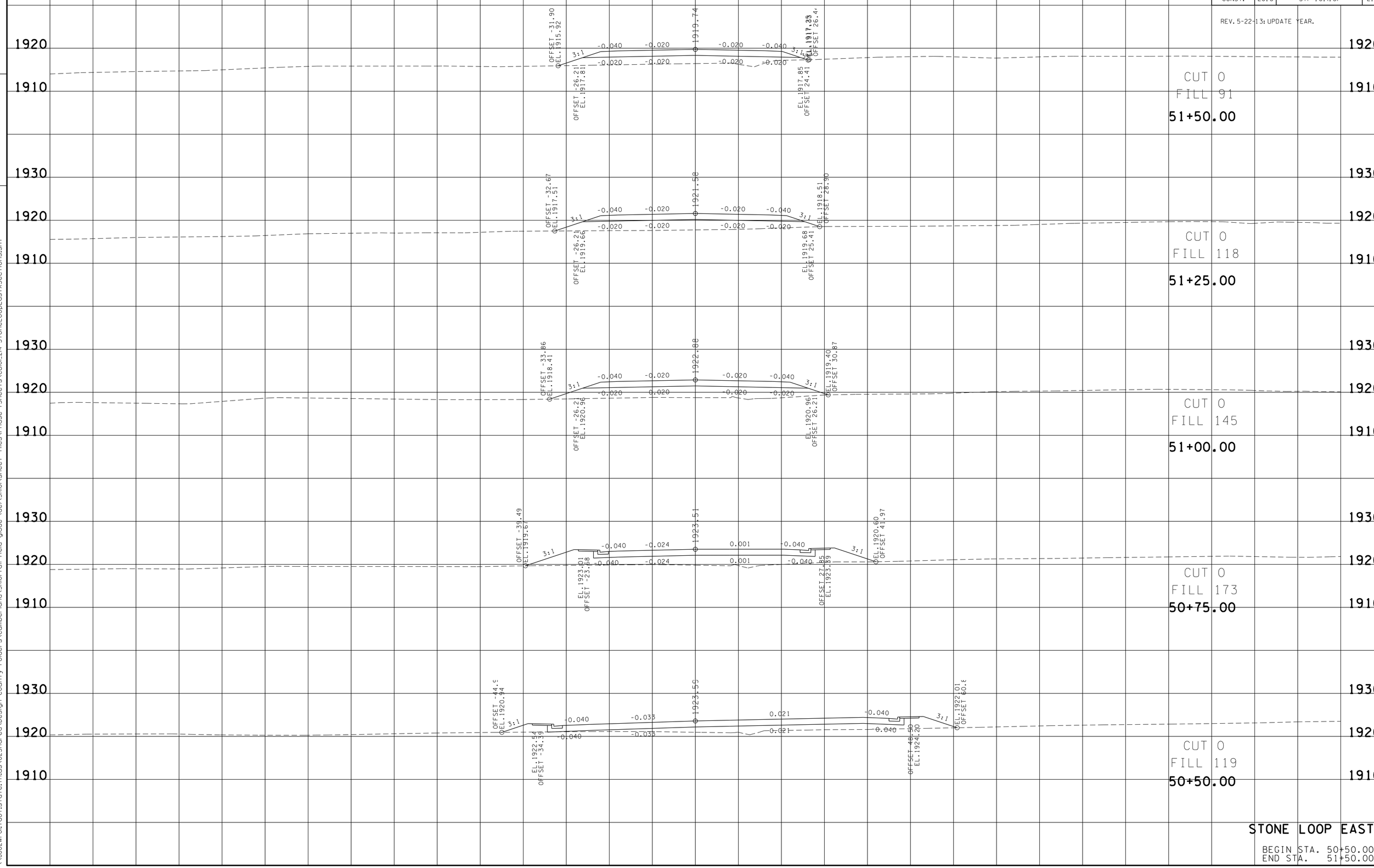
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	214
CONST.	2016	STP-101(16)	214

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



STONE LOOP EAST

BEGIN STA. 50+50.00
END STA. 51+50.00

23-MAY-2016 11:40
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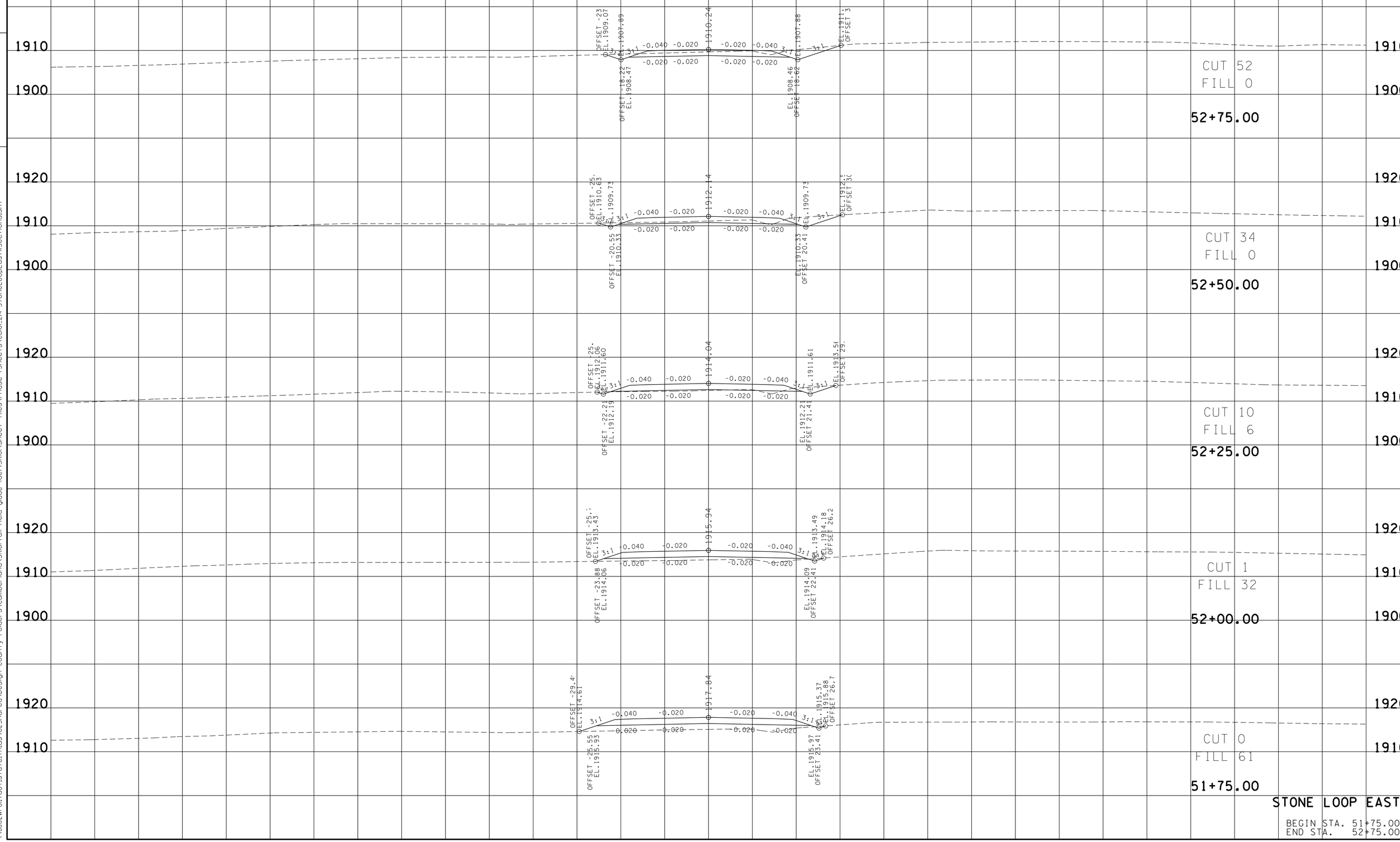
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	215
CONST.	2016	STP-101(16)	215

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



STONE LOOP EAST

BEGIN STA. 51+75.00
END STA. 52+75.00

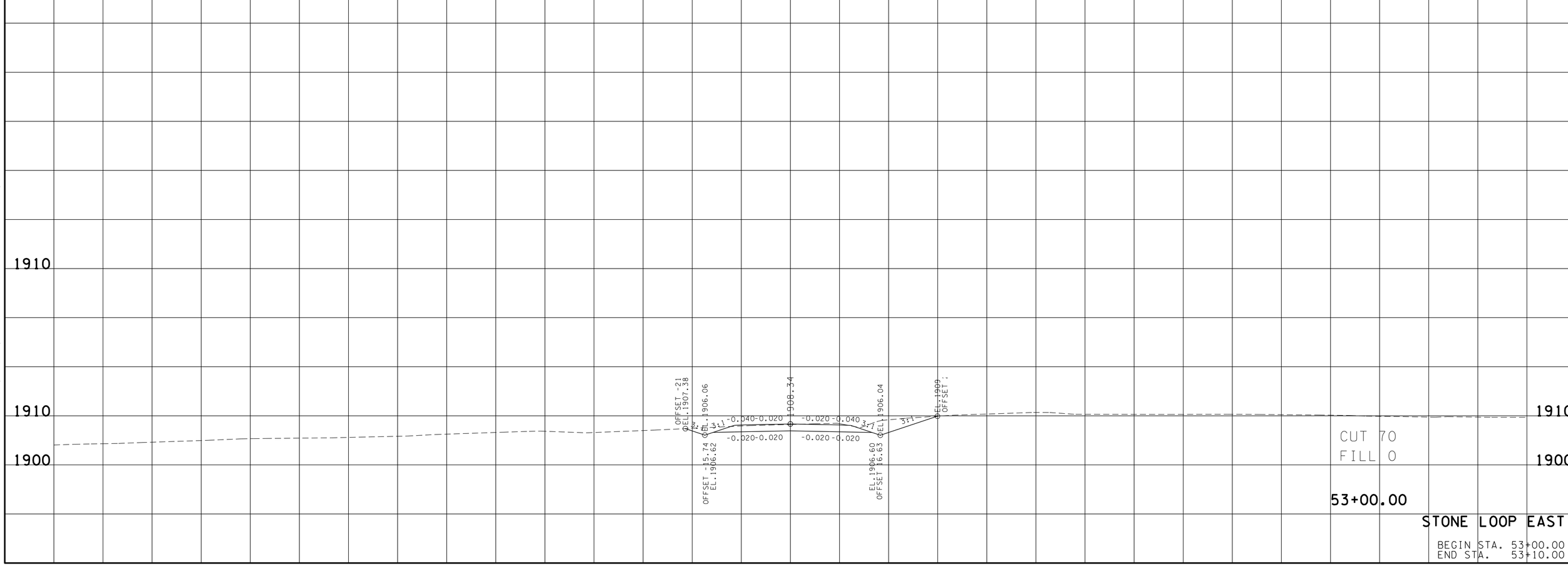
23-MAY-2016 11:40
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fairfield glade (de)\SR101\sheet files\Phase 1Sheets\CU101.214-StoneLoopEastXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	216
CONST.	2016	STP-101(16)	216

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



STONE LOOP EAST

BEGIN STA. 53+00.00
END STA. 53+10.00

23-MAY-2016 11:40
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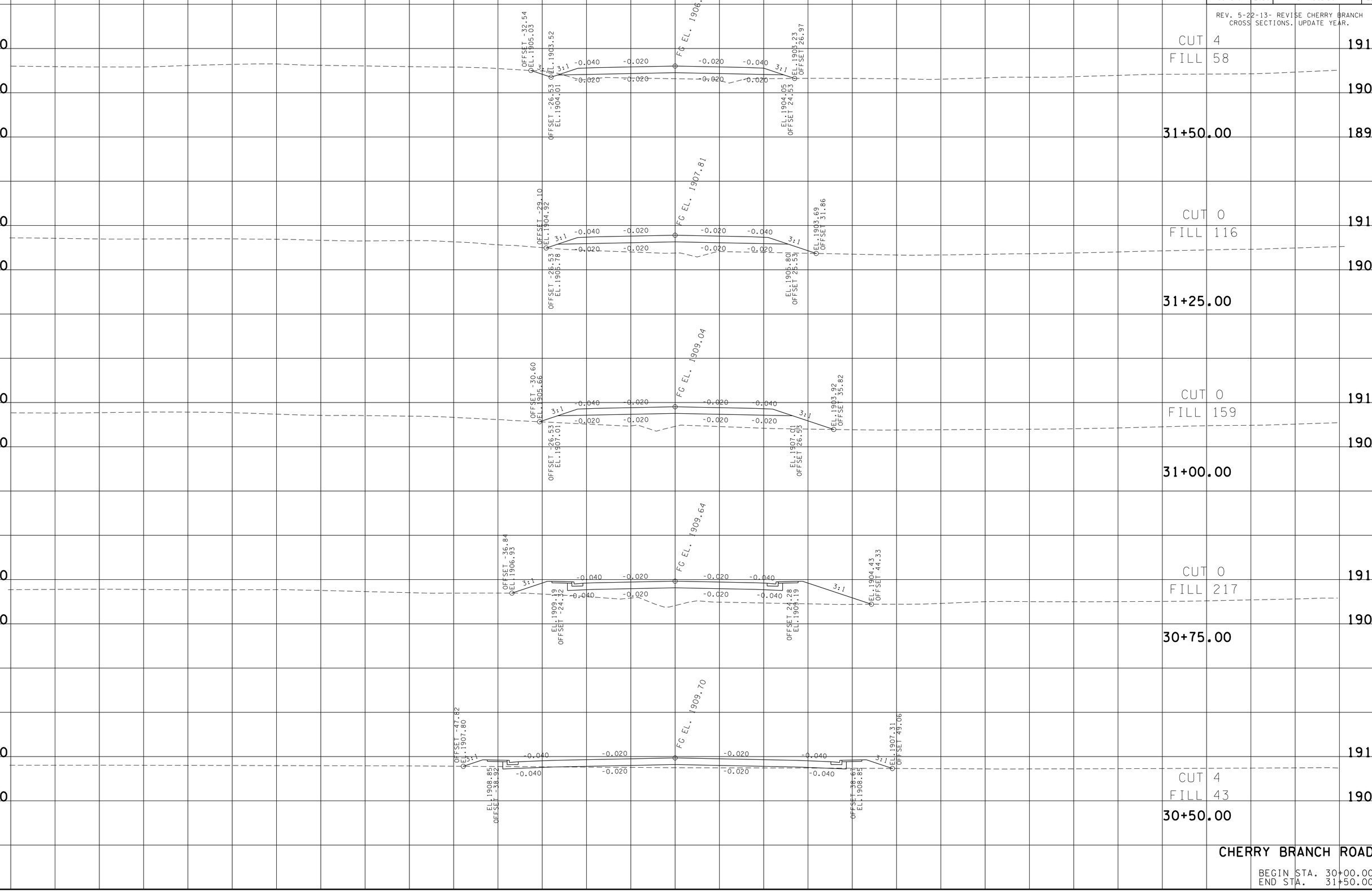
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	217
CONST.	2016	STP-101(16)	217

REV. 5-22-13- REVISE CHERRY BRANCH CROSS SECTIONS. UPDATE YEAR.



CHERRY BRANCH ROAD

BEGIN STA. 30+00.00
END STA. 31+50.00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

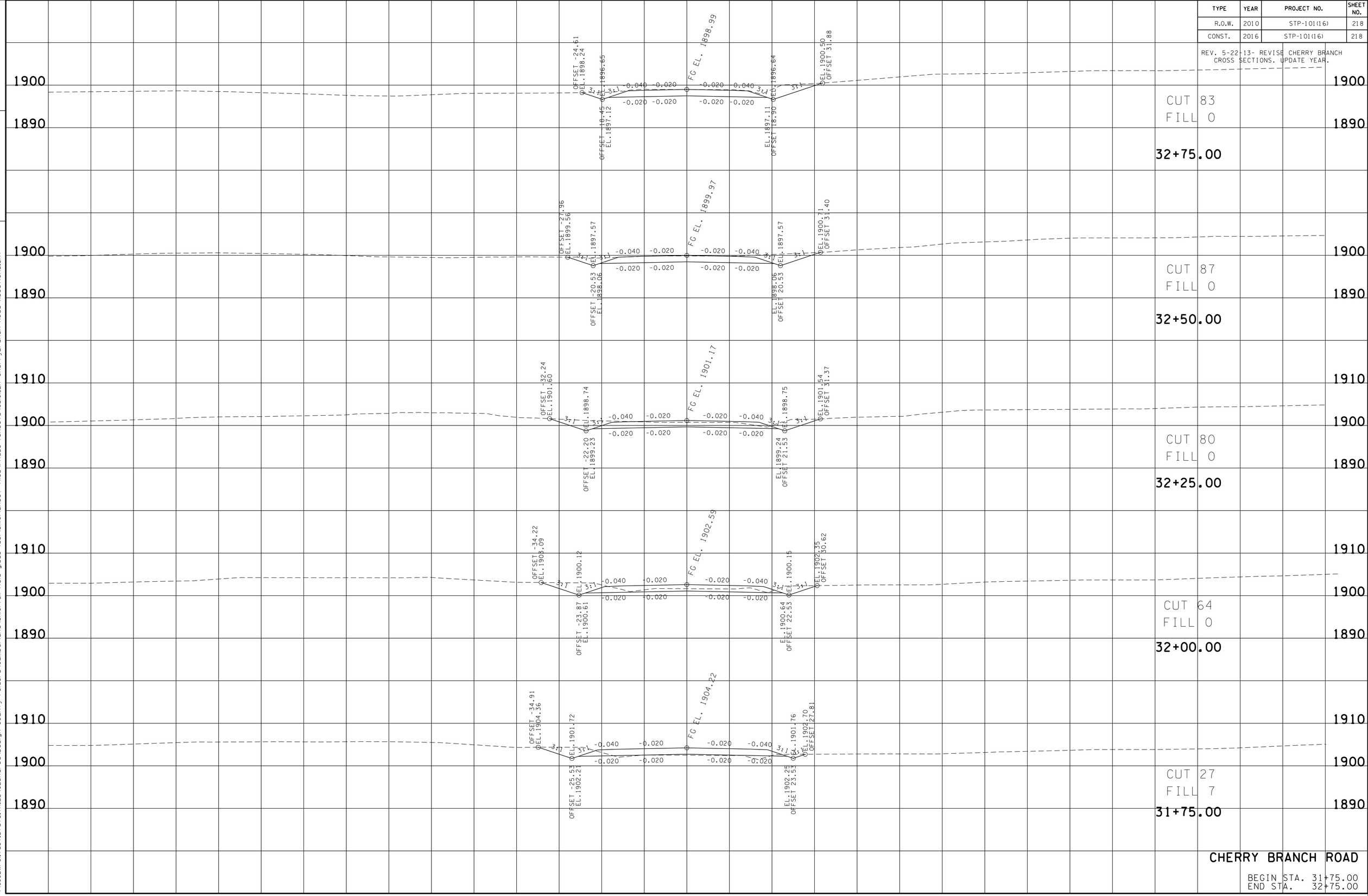
23-MAY-2016 11:40
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR101 fairfield glade (de)\SR101\sheet files\Phase 1Sheets\CU101.217-CherryBranch Road XSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	218
CONST.	2016	STP-101(16)	218

REV. 5-22-13- REVISE CHERRY BRANCH CROSS SECTIONS. UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



CHERRY BRANCH ROAD

BEGIN STA. 31+75.00
END STA. 32+75.00

23-MAY-2016 11:40
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	219
CONST.	2016	STP-101(16)	219

REV. 5-22-13- REVISE CHERRY BRANCH CROSS SECTIONS. UPDATE YEAR.

CHERRY BRANCH ROAD

BEGIN STA. 33+00.00
END STA. 33+00.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 11:40
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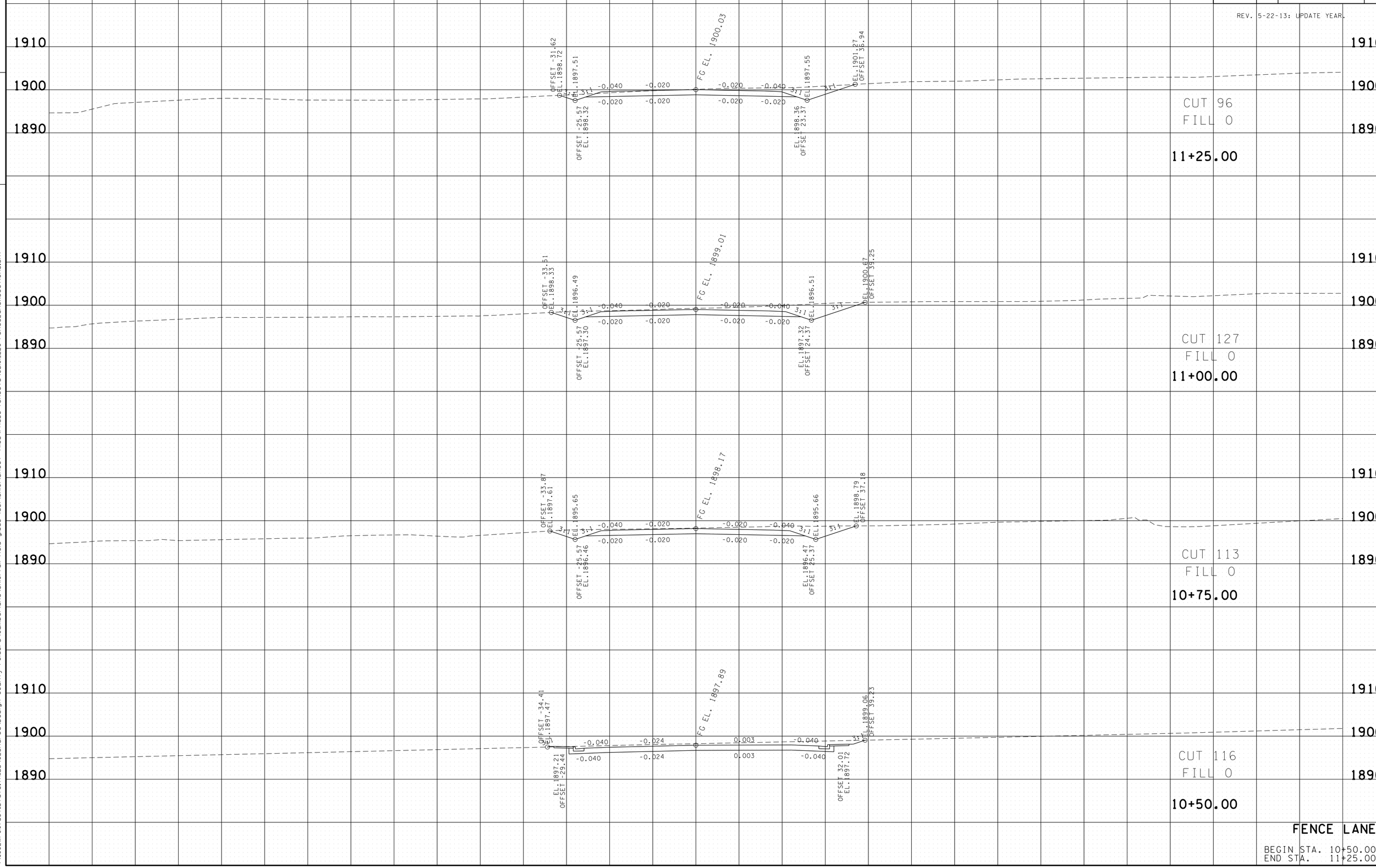
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	220
CONST.	2016	STP-101(16)	220

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FENCE LANE

BEGIN STA. 10+50.00
END STA. 11+25.00

23-MAY-2016 11:40
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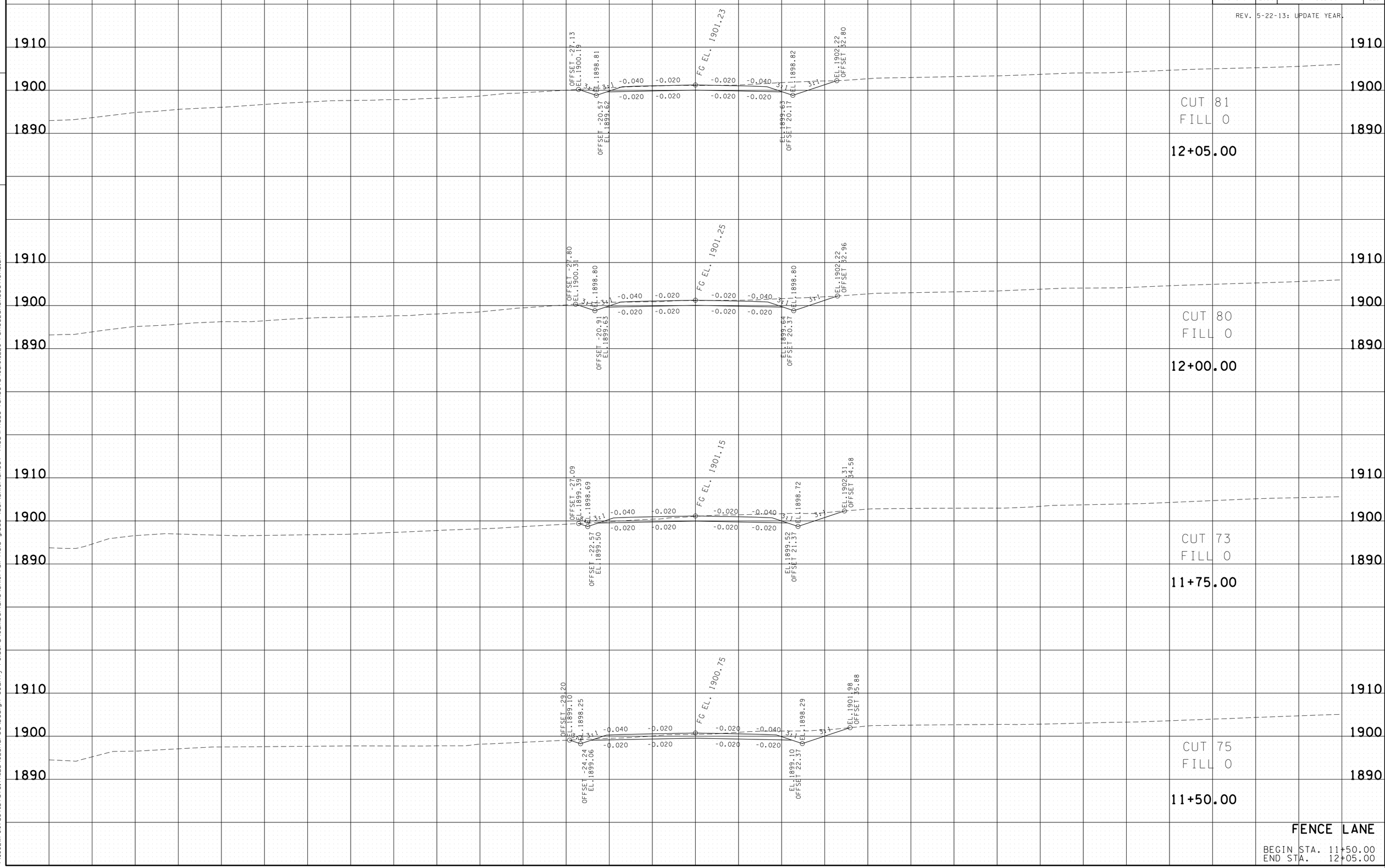
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	221
CONST.	2016	STP-101(16)	221

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FENCE LANE

BEGIN STA. 11+50.00
END STA. 12+05.00

23-MAY-2016 11:40
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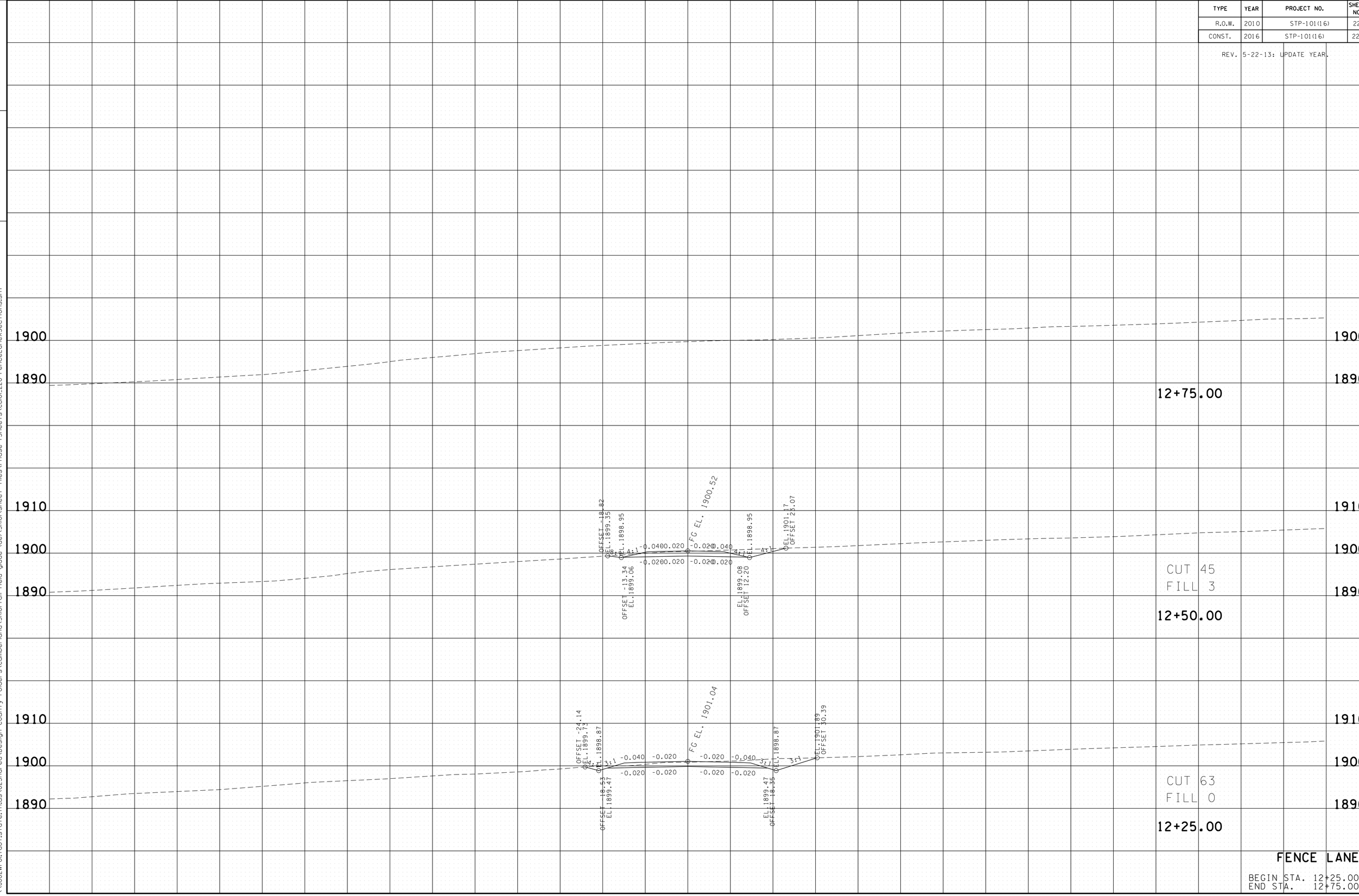
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	222
CONST.	2016	STP-101(16)	222

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FENCE LANE

BEGIN STA. 12+25.00
END STA. 12+75.00

23-MAY-2016 11:40
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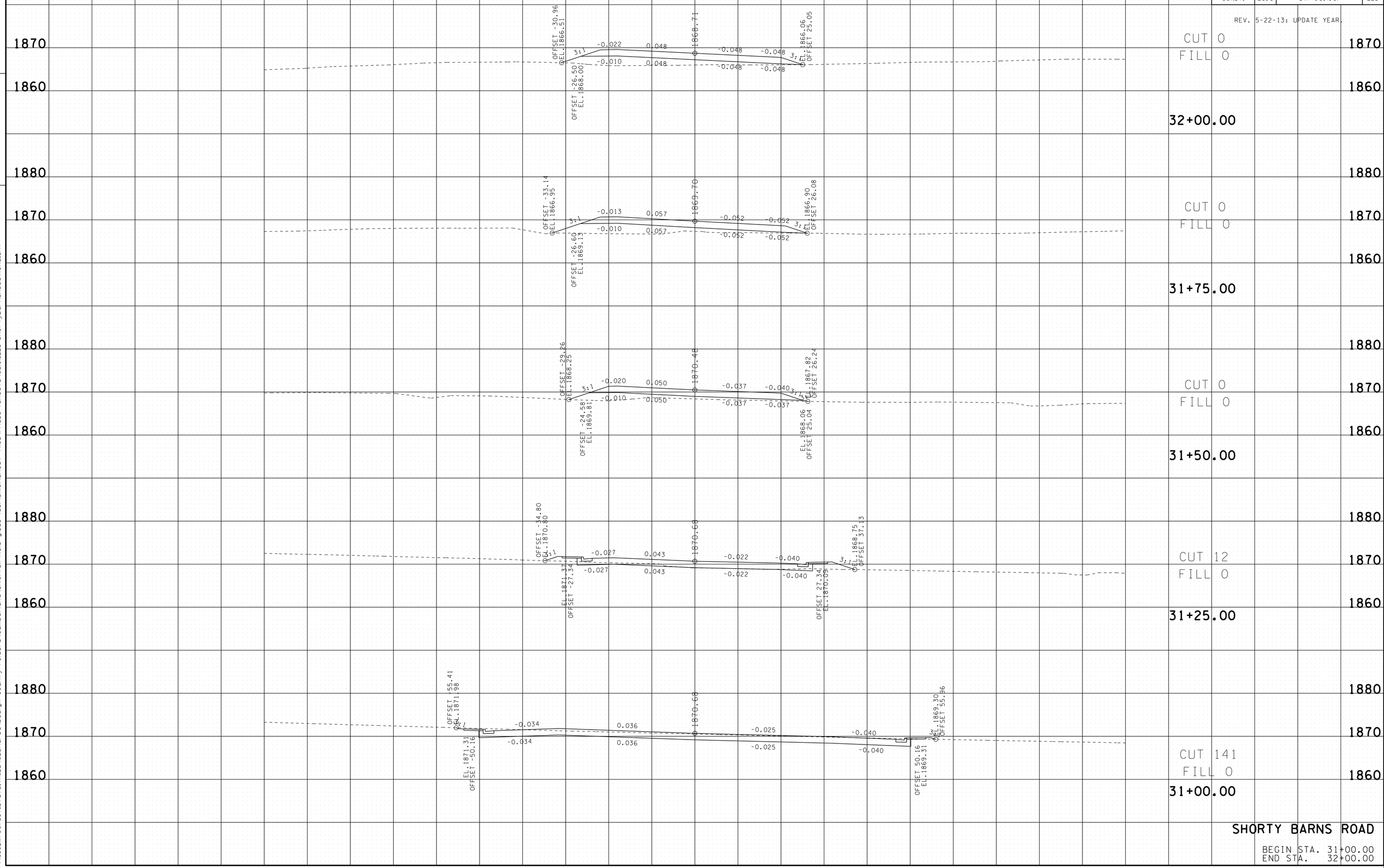
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	223
CONST.	2016	STP-101(16)	223

REV. 5-22-13: UPDATE YEAR.



SHORTY BARNS ROAD

BEGIN STA. 31+00.00
END STA. 32+00.00

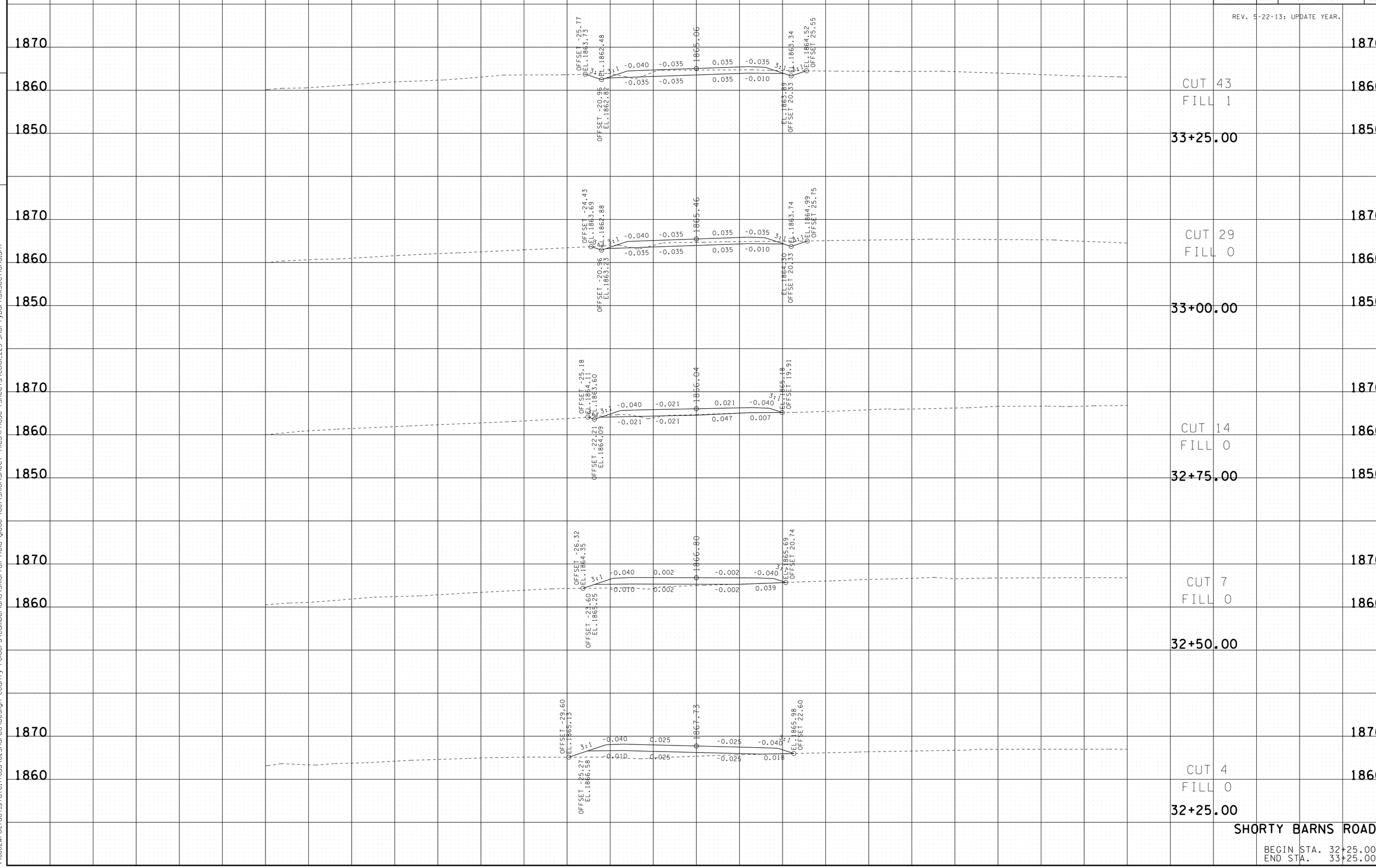
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

23-MAY-2016 11:40
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR01fairfield glade (de)\SR01\sheet files\Phase 1Sheets\CU01.223-ShortyBarnsXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	224
CONST.	2016	STP-101(16)	224

REV. 5-22-13: UPDATE YEAR.



SHORTY BARNS ROAD

BEGIN STA. 32+25.00
END STA. 33+25.00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

23-MAY-2016 11:40
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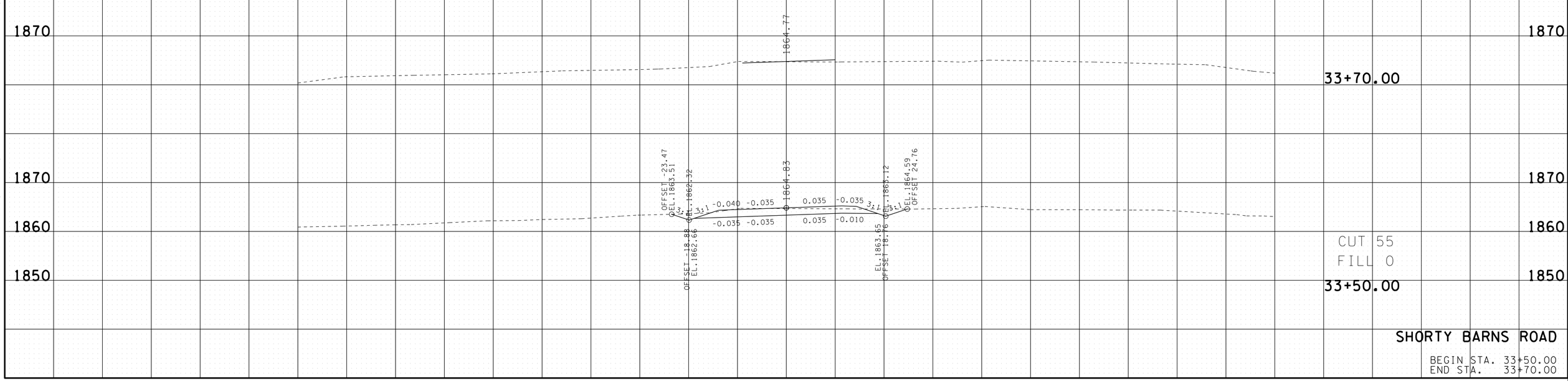
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	225
CONST.	2016	STP-101(16)	225

REV. 5-22-13: UPDATE YEAR.



SHORTY BARNS ROAD

BEGIN STA. 33+50.00
END STA. 33+70.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 11:40
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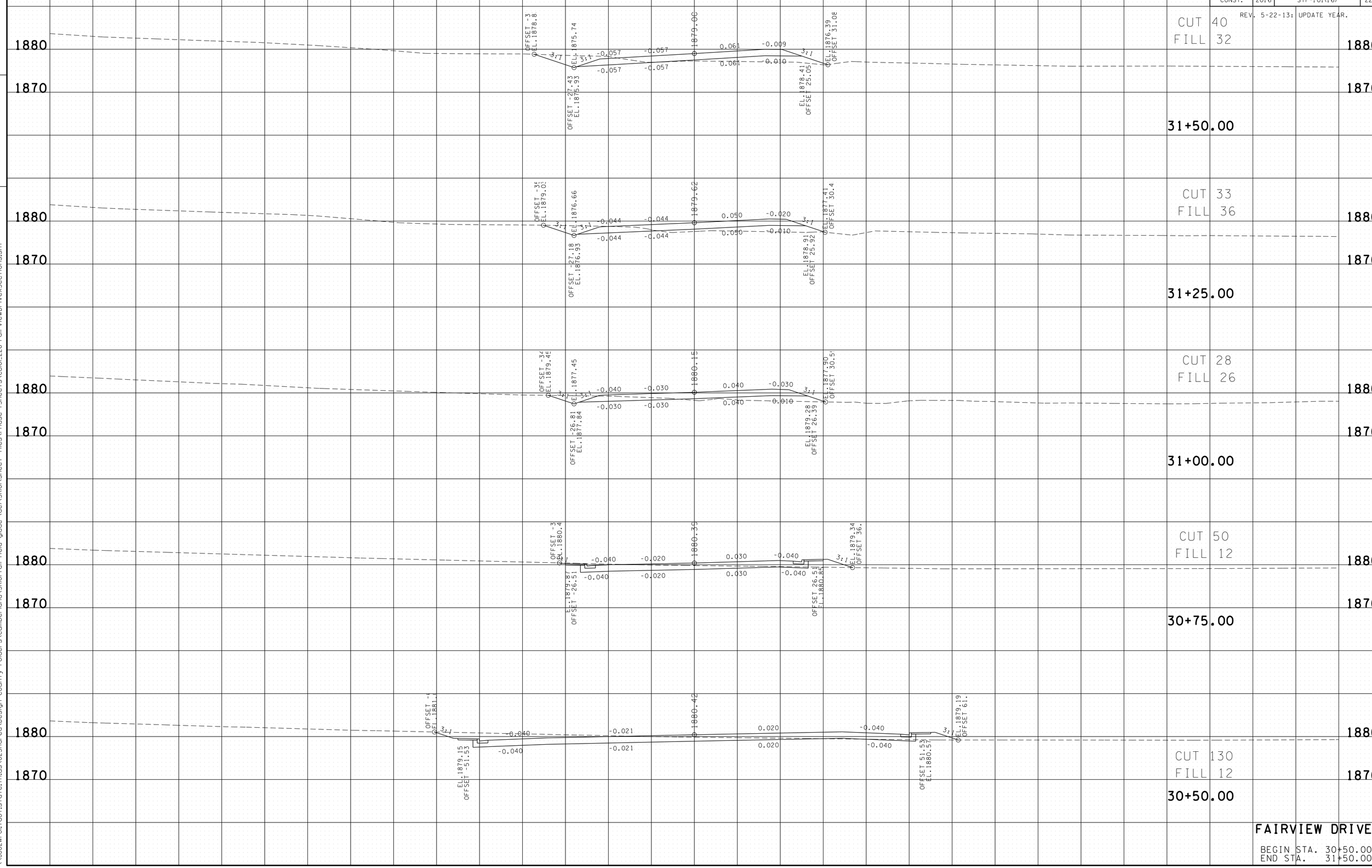
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	226
CONST.	2016	STP-101(16)	226

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FAIRVIEW DRIVE

BEGIN STA. 30+50.00
END STA. 31+50.00

23-MAY-2016 11:40
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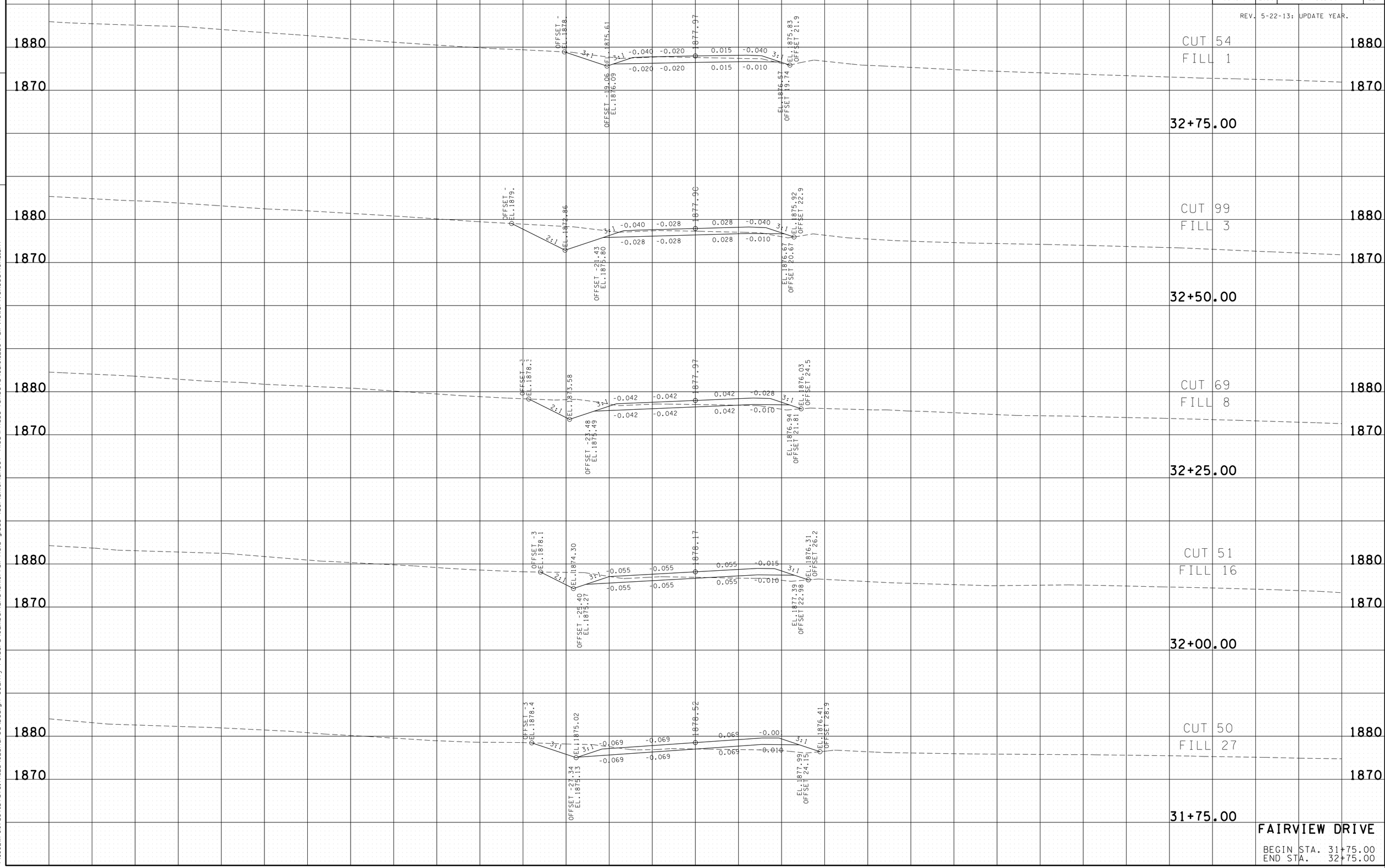
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	227
CONST.	2016	STP-101(16)	227

REV. 5-22-13: UPDATE YEAR.



TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

FAIRVIEW DRIVE

BEGIN STA. 31+75.00
END STA. 32+75.00

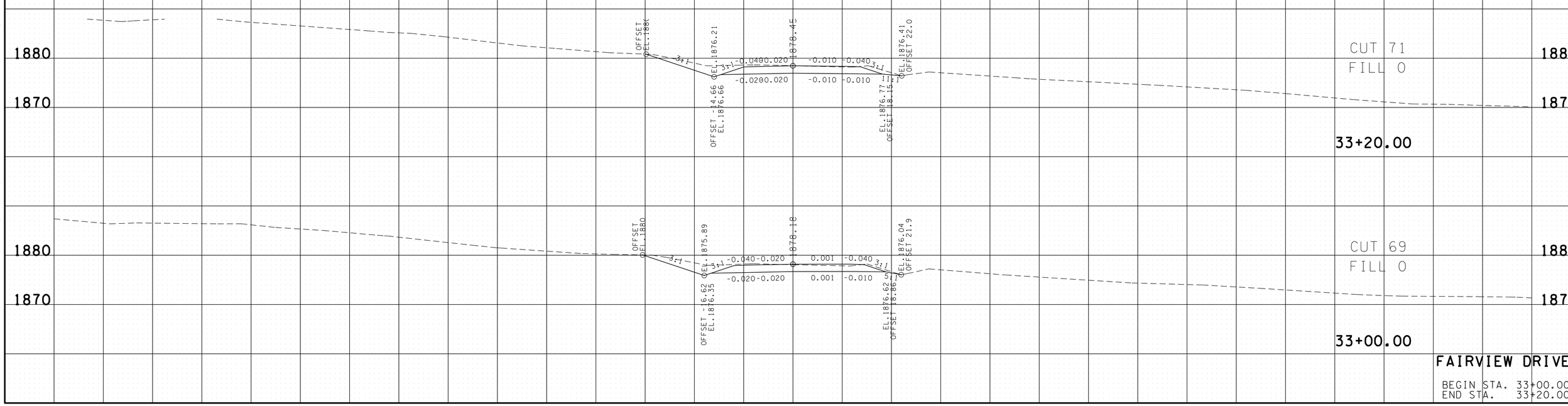
23-MAY-2016 11:41
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR01 fairfield glade (de)\SR01\sheet files\Phase 1Sheets\CU101.226-FairviewDriveXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	228
CONST.	2016	STP-101(16)	228

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FAIRVIEW DRIVE

BEGIN STA. 33+00.00
END STA. 33+20.00

23-MAY-2016 11:41
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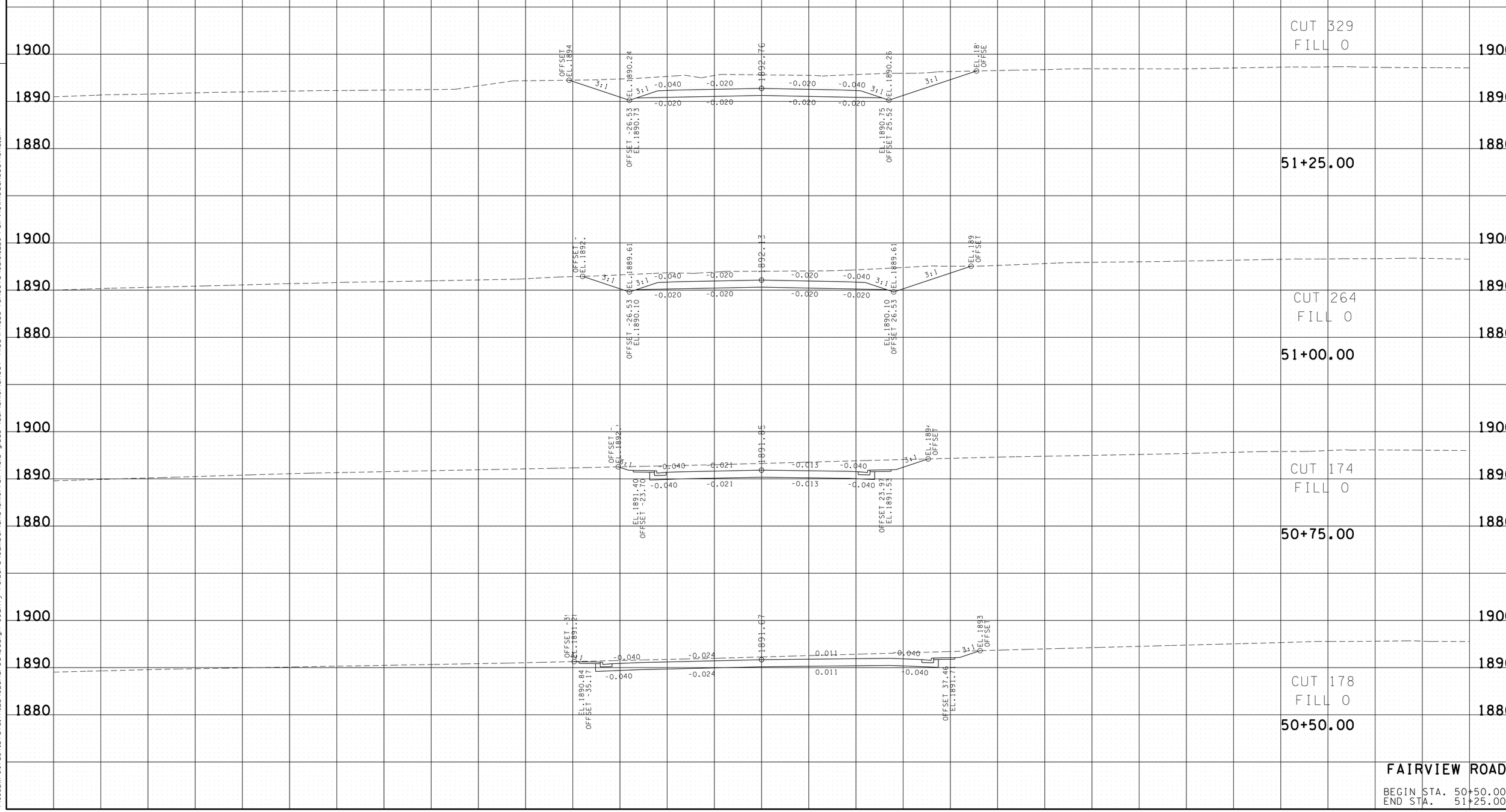
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	229
CONST.	2016	STP-101(16)	229

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



FAIRVIEW ROAD

BEGIN STA. 50+50.00
END STA. 51+25.00

23-MAY-2016 11:41
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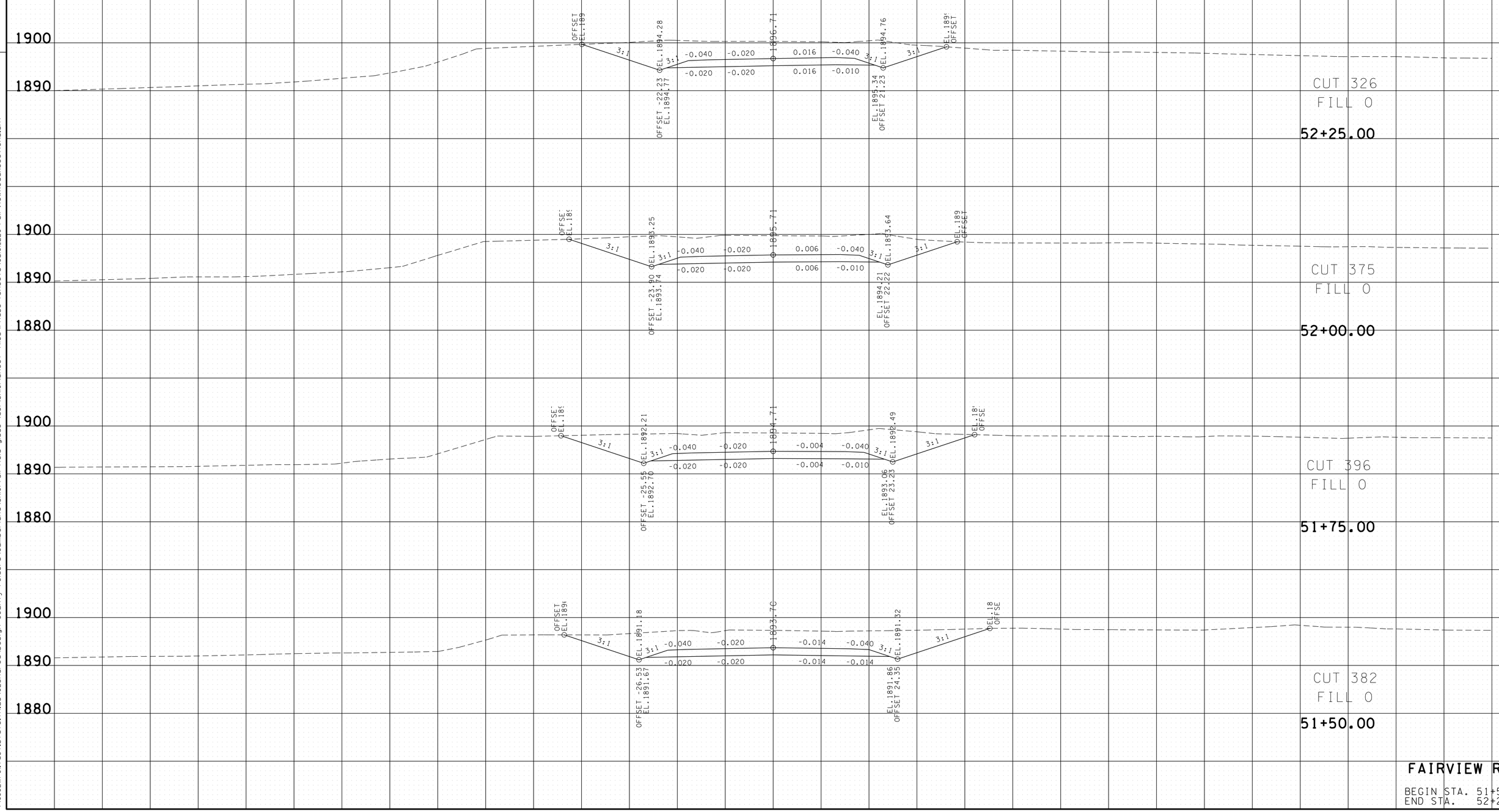
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	230
CONST.	2016	STP-101(16)	230

REV. 5-22-13: UPDATE YEAR.

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



FAIRVIEW ROAD

BEGIN STA. 51+50.00
END STA. 52+25.00

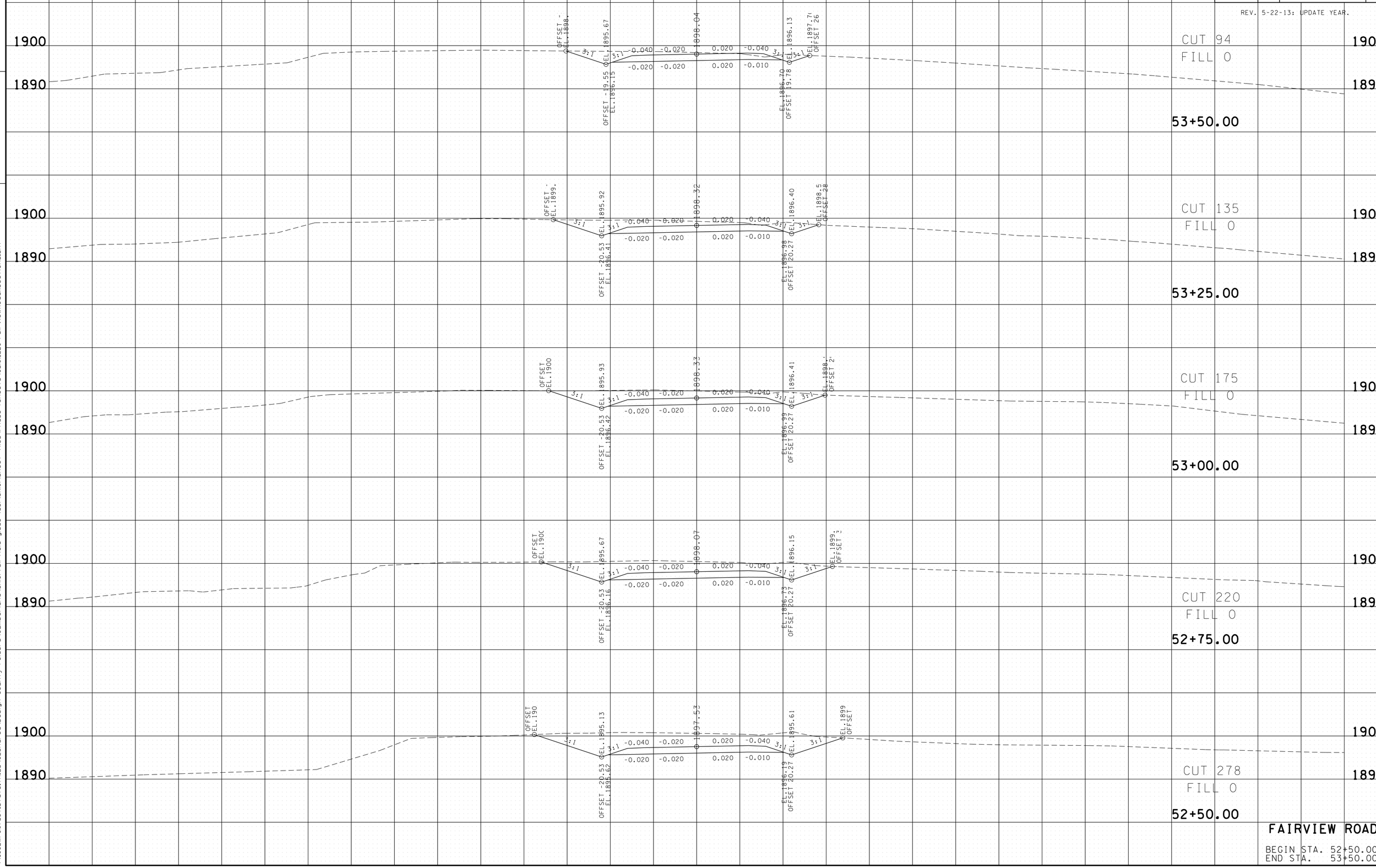
23-MAY-2016 11:41
\\JJ02WF01.tdot.state.tn.us\02Shared\Design County Folders\Cumberland\SR01fairfield glade (de)\SR01\sheet files\Phase 1Sheets\CU01.229-FairviewRoadXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	231
CONST.	2016	STP-101(16)	231

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FAIRVIEW ROAD

BEGIN STA. 52+50.00
END STA. 53+50.00

23-MAY-2016 11:41
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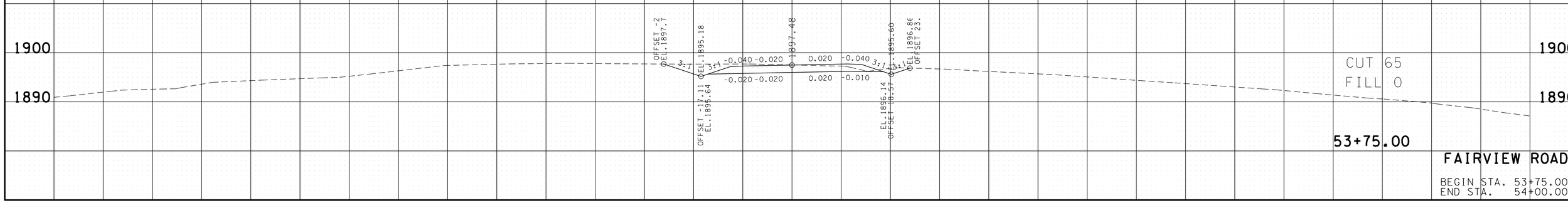
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	232
CONST.	2016	STP-101(16)	232

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FAIRVIEW ROAD

BEGIN STA. 53+75.00
END STA. 54+00.00

23-MAY-2016 11:41
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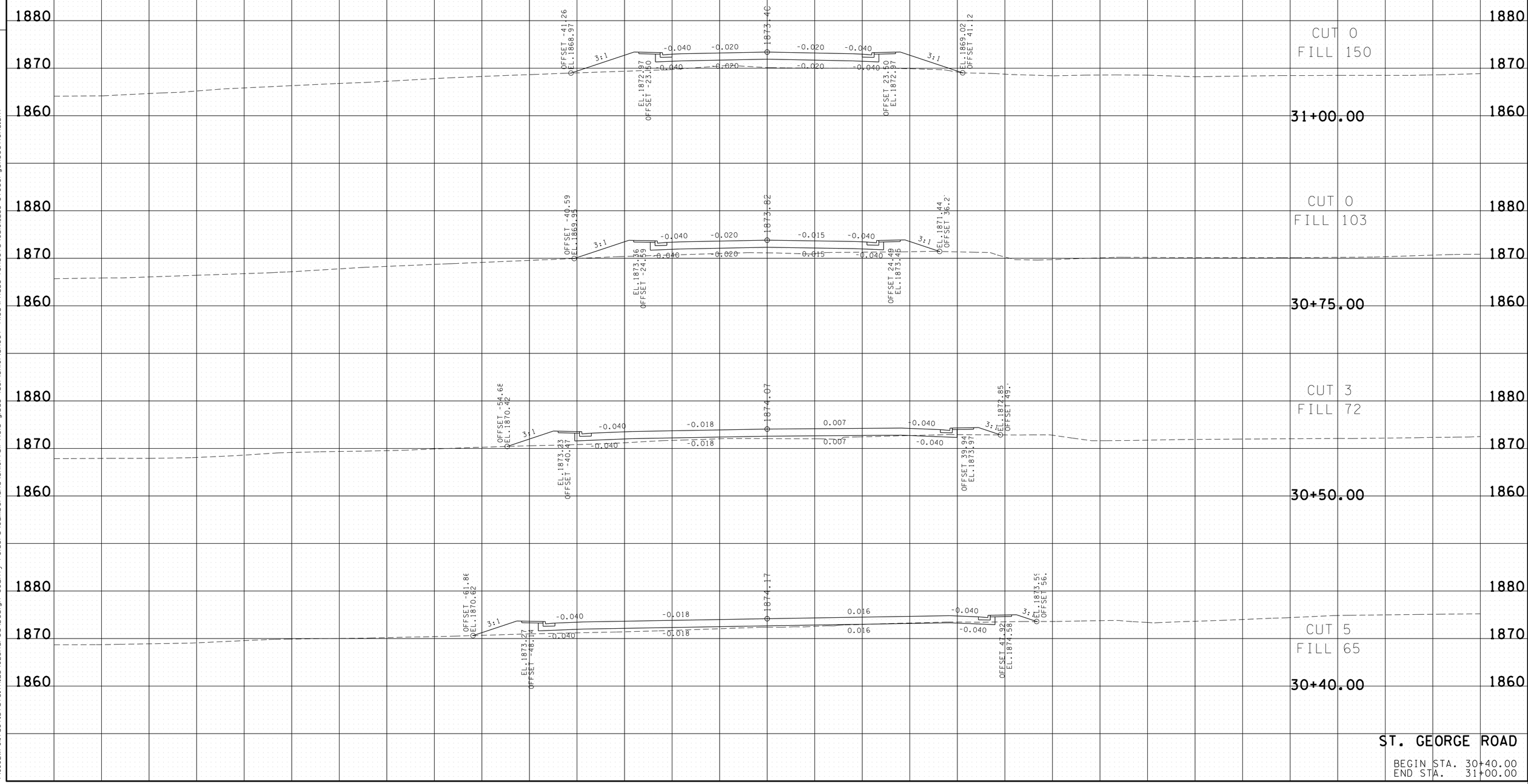
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	233
CONST.	2016	STP-101(16)	233

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ST. GEORGE ROAD

BEGIN STA. 30+40.00
END STA. 31+00.00

23-MAY-2016 11:41
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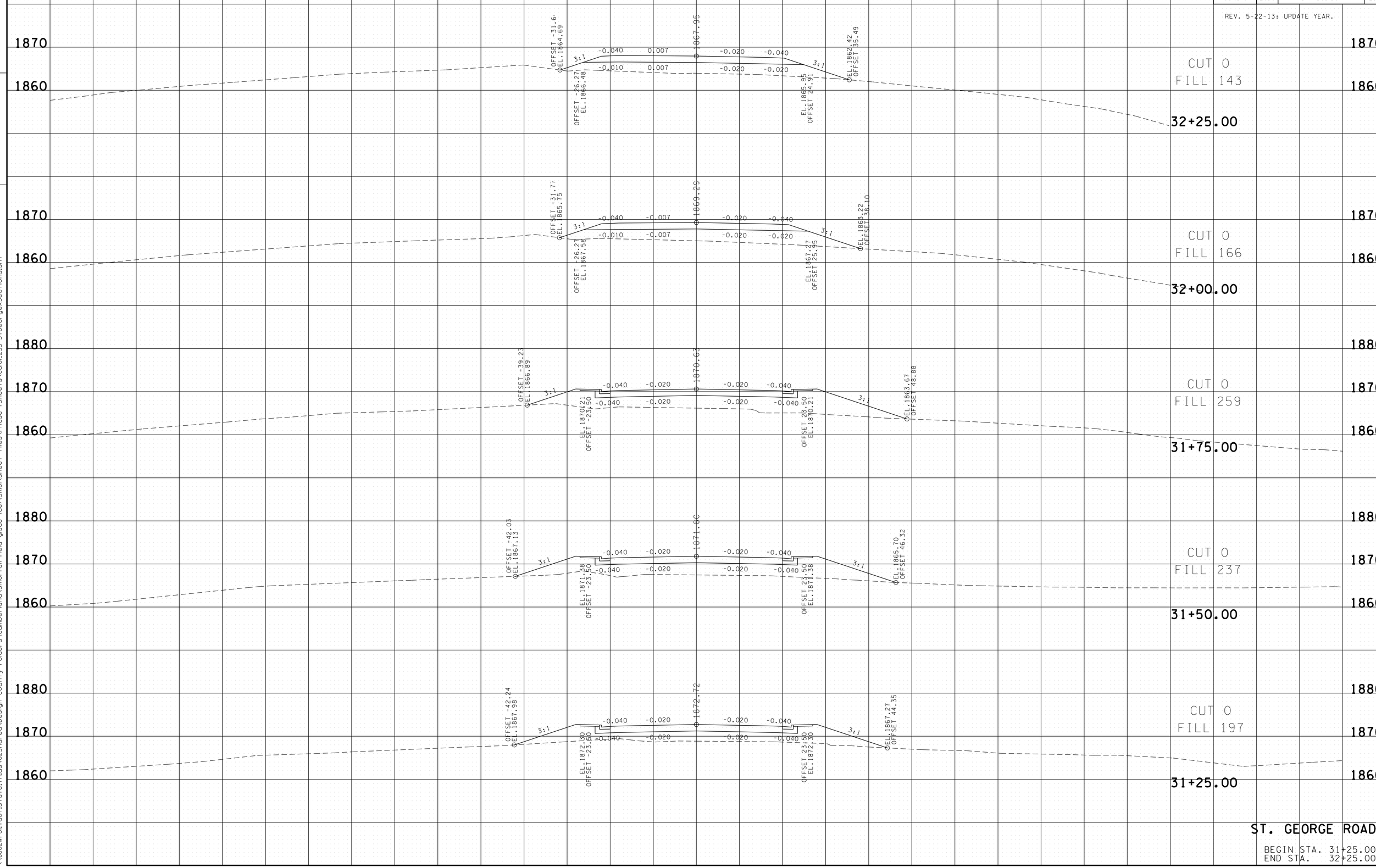
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	234
CONST.	2016	STP-101(16)	234

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ST. GEORGE ROAD

BEGIN STA. 31+25.00
END STA. 32+25.00

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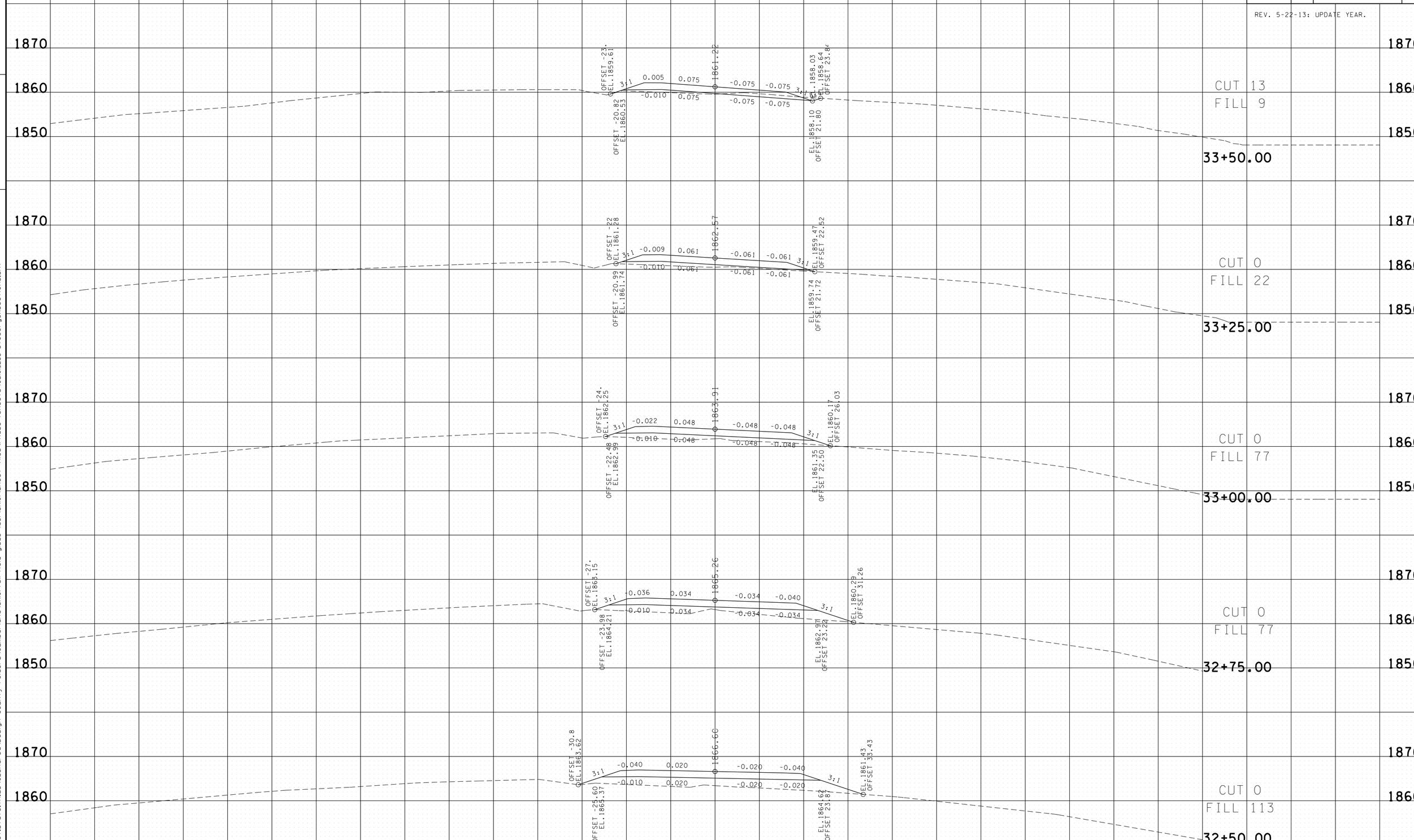
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	235
CONST.	2016	STP-101(16)	235

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ST. GEORGE ROAD

BEGIN STA. 32+50.00
END STA. 33+50.00

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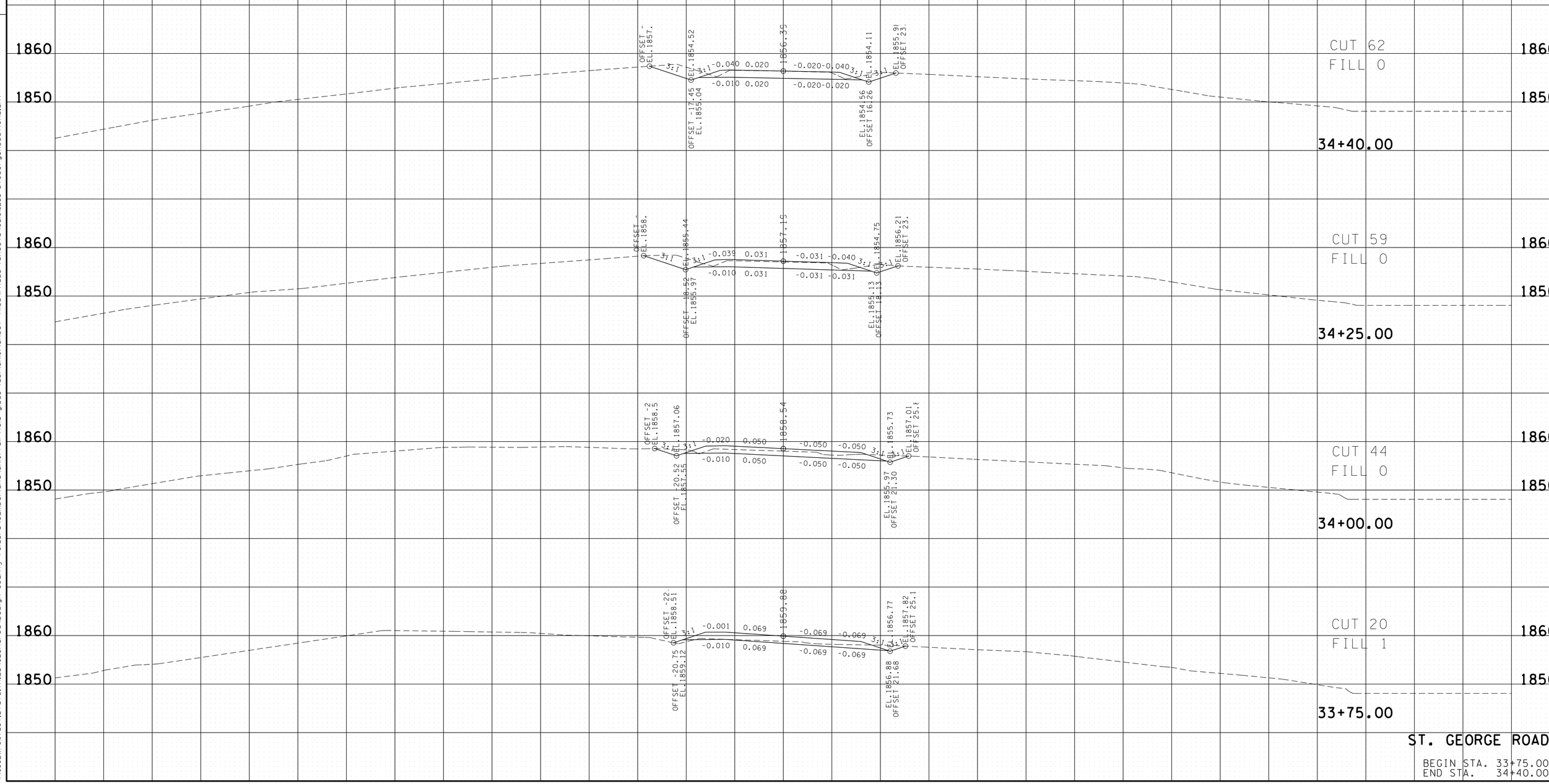
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	236
CONST.	2016	STP-101(16)	236

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ST. GEORGE ROAD

BEGIN STA. 33+75.00
END STA. 34+40.00

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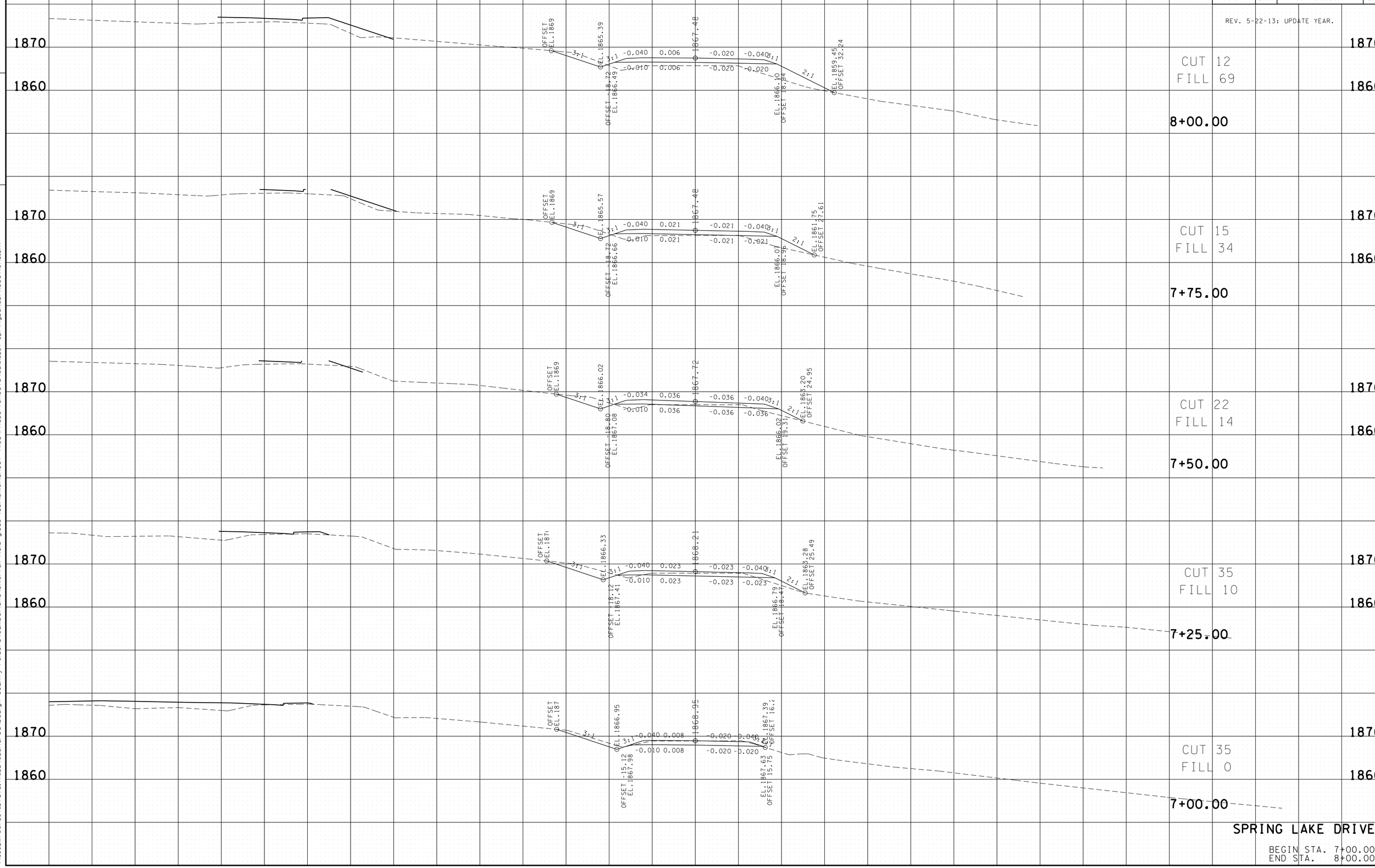
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	237
CONST.	2016	STP-101(16)	237

REV. 5-22-13: UPDATE YEAR.



SPRING LAKE DRIVE

BEGIN STA. 7+00.00
END STA. 8+00.00

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

23-MAY-2016 11:41
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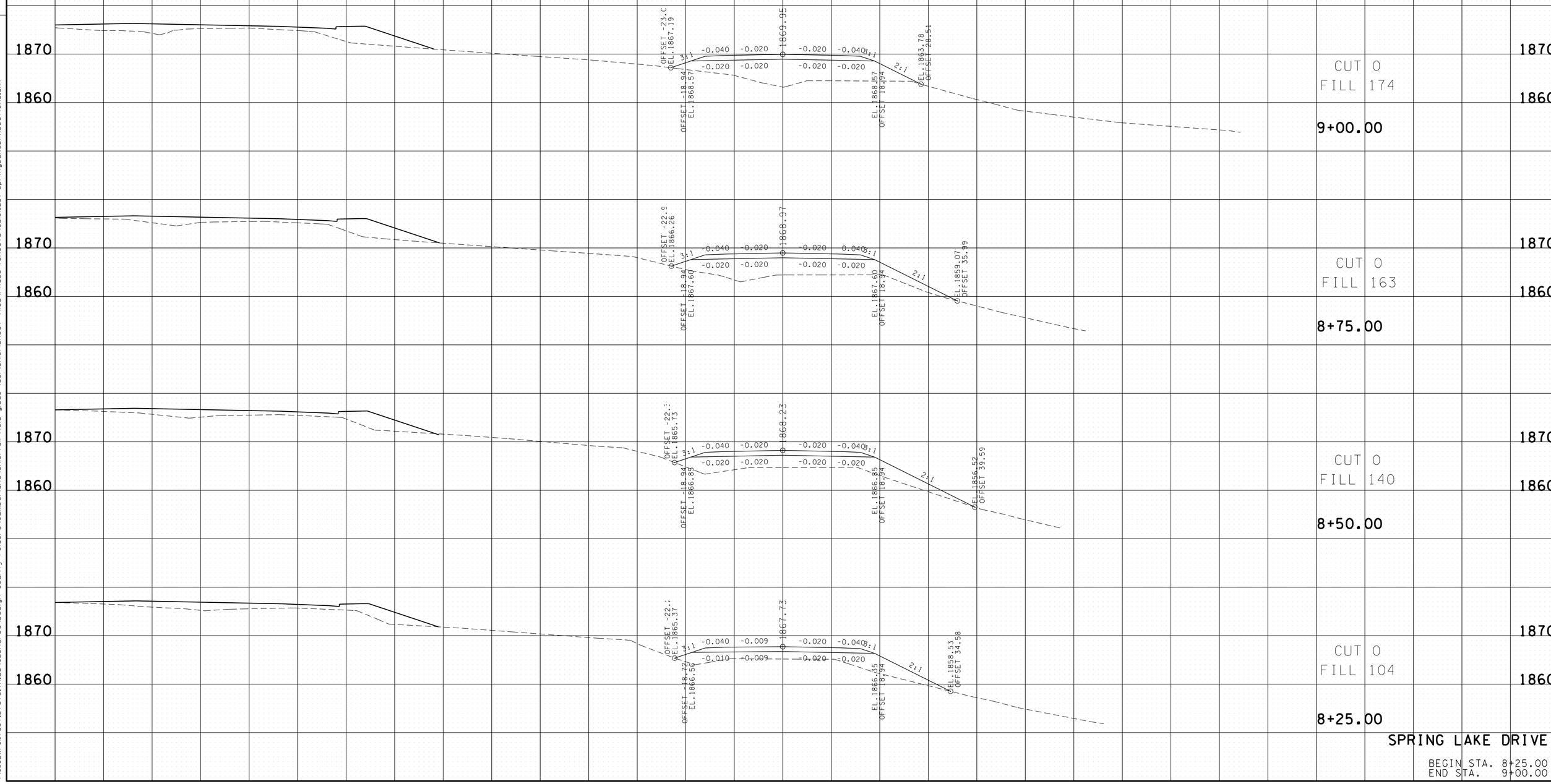
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	238
CONST.	2016	STP-101(16)	238

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



SPRING LAKE DRIVE

BEGIN STA. 8+25.00
END STA. 9+00.00

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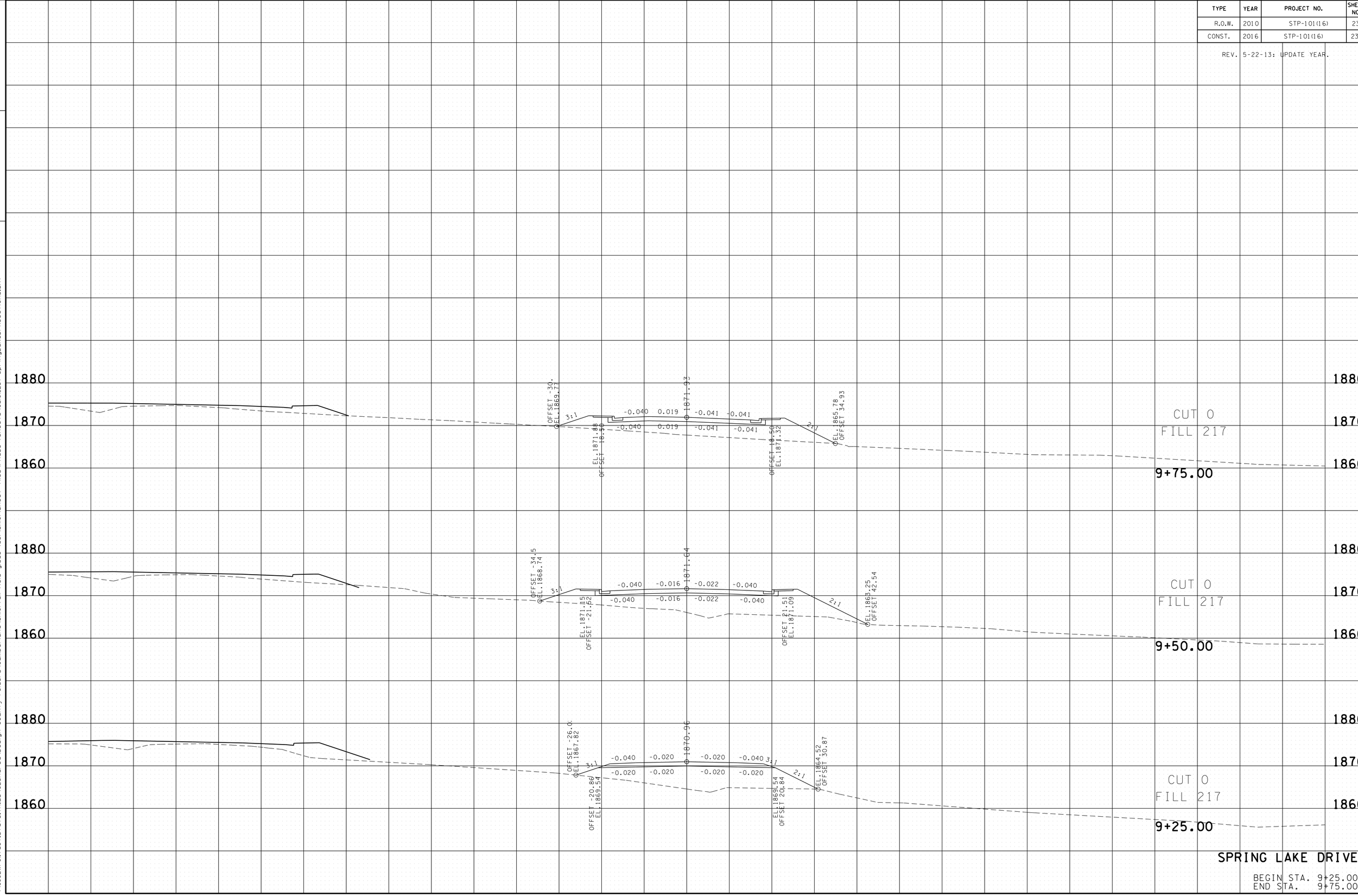
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	239
CONST.	2016	STP-101(16)	239

REV. 5-22-13: UPDATE YEAR.

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



SPRING LAKE DRIVE

BEGIN STA. 9+25.00
END STA. 9+75.00

23-MAY-2016 11:41
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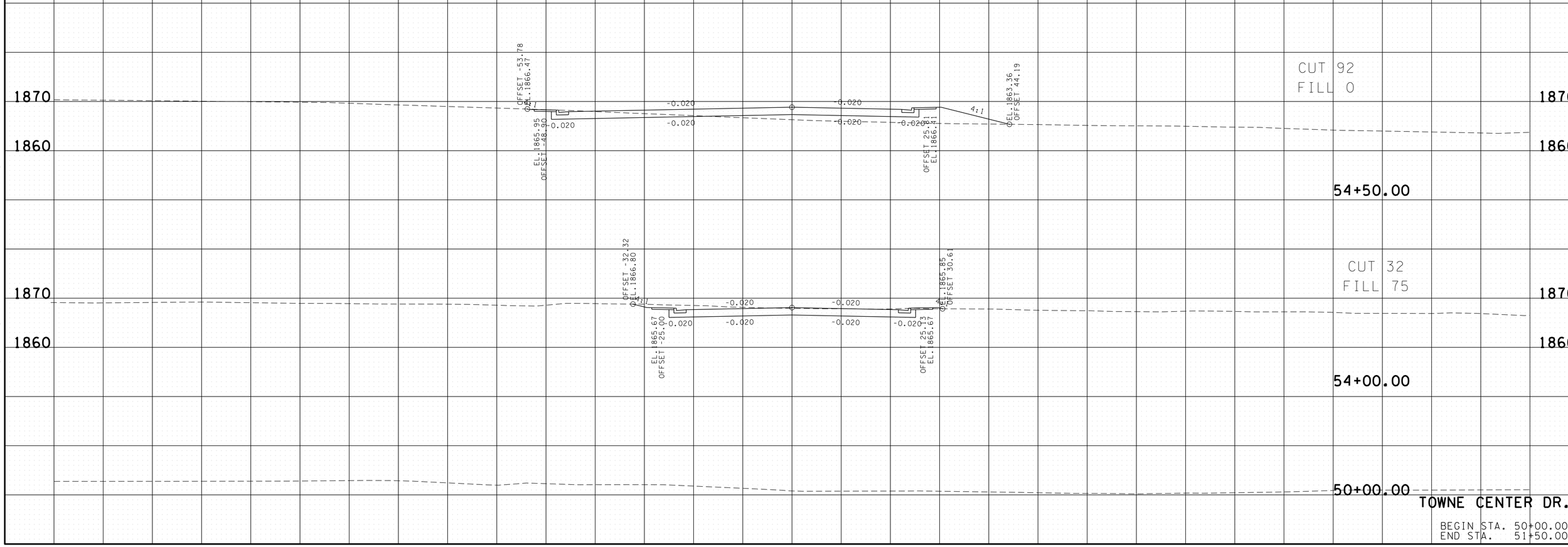
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2010	STP-101(16)	240
CONST.	2016	STP-101(16)	240

REV. 5-22-13- UPDATE YEAR.
UPDATE TOWNE CENTER CROSS SECTIONS

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



TOWNE CENTER DR.

BEGIN STA. 50+00.00
END STA. 51+50.00

23-MAY-2016 11:41
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