Index Of Sheets
SEE SHEET IA

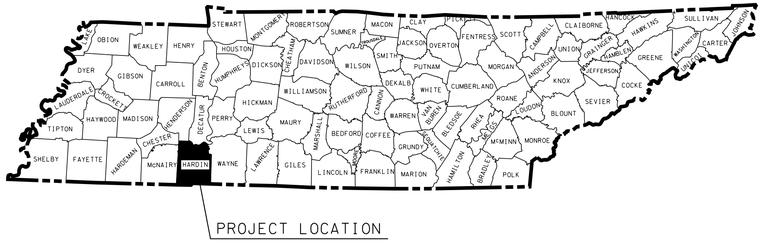
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

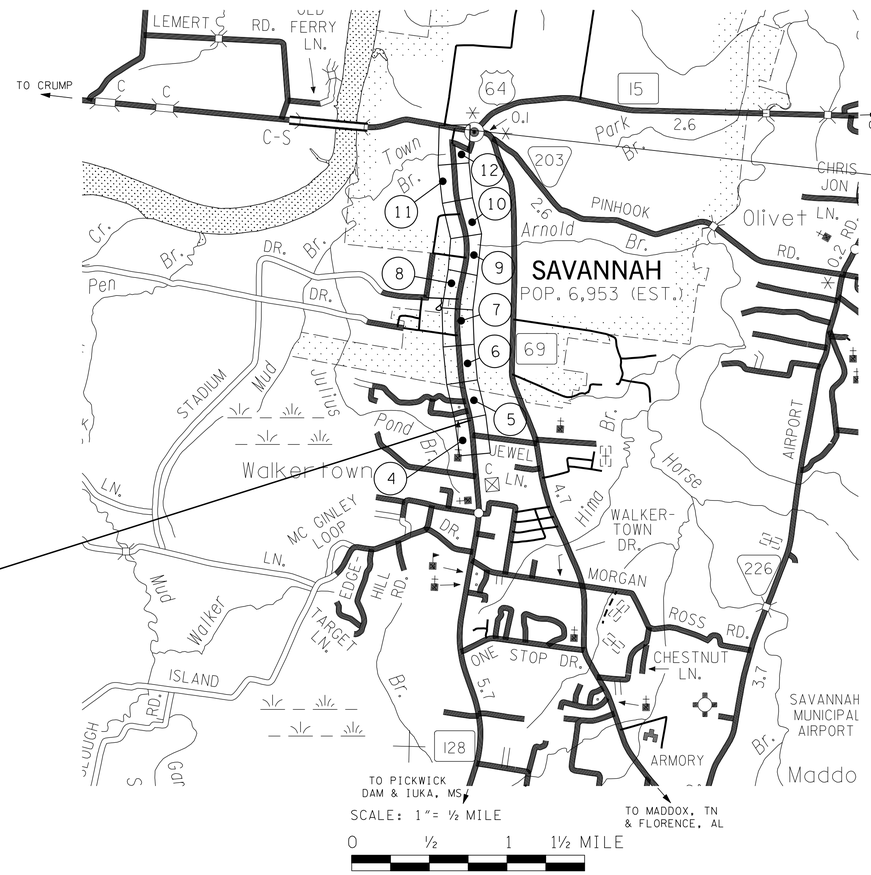
TENN.	YEAR	SHEET NO.
	2015	1
FED. AID PROJ. NO.	NH-128(27)	
STATE PROJ. NO.	36010-3226-14	

HARDIN COUNTY

S.R. 128 (PICKWICK ROAD)
FROM SOUTH OF OPEL ROAD
TO S.R. 15 (U.S.64) IN SAVANNAH

CONSTRUCTION
GRADE, DRAIN, PAVE, SIGNAL, AND SIGNING
STATE HIGHWAY NO. 128 F.A.H.S. NO. NA





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STATE PROJ. NO. 36010-3226-14
END PROJECT NH-128(27) (CONST.)
STATE ROUTE 128 STA. 962+19.57

STATE PROJ. NO. 36010-3226-14
BEGIN PROJECT NH-128(27) (CONST.)
STATE ROUTE 128 STA. 861+74.00

SCALE: 1" = ½ MILE
0 ½ 1 1½ MILE

ROADWAY LENGTH	1.903 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
PROJECT LENGTH	1.903 MILES

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NOT FOR BIDDING

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

DATE:

APPROVED:
JOHN SCHROER, COMMISSIONER

SURVEY DATE 08/18/2002

NO EXCLUSIONS
NO EQUATIONS

SPECIAL NOTES

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

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT C.E. MANAGER 1 TABITHA T. CAVANESS, P.E., REG. 4
DESIGNED BY TRC WORLDWIDE ENGINEERING INC.
DESIGNER ANTHONY SMITH CHECKED BY DAN McGAHA, P.E.
P.E. NO. 36010-1215-14
PIN 100322.04

TRAFFIC DATA	
ADT (2015)	8,640
ADT (2035)	10,360
DHV (2035)	1,243
D	60 - 40
T (ADT)	3 %
T (DHV)	2 %
V	45 MPH

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	1A

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NOTE: SHEET NO. 2B, 2C, 2"o", AND 28"o" NOT USED

STANDARD ROADWAY DRAWINGS

DWG. NO	REV.	DESCRIPTION

STANDARD BRIDGE DRAWINGS

DWG. NO.	REV.	DESCRIPTION

BRIDGE APPURTENANCES ENGLISH (BOX CULVERTS)

STD-15-1	11-06-08	INDEX OF DRAWINGS AND TERMINOLOGY
STD-15-2	3-28-08	GENERAL NOTES
STD-15-3	2-28-03	DESIGN SECTION LIMITS
STD-15-4	12-07-01	TYPICAL SECTION AND DETAILS
STD-15-5	2-28-03	TYPICAL ELEVATION
STD-15-6	3-28-08	CURB AND RAIL DETAILS - SKEW NOT LESS THAN 45 DEG.
STD-15-7	3-02-02	STANDARD EDGE BEAM DETAILS FOR FILLS GREATER THAN 3' - 8"
STD-15-8	12-07-01	INTERIOR WALL END TREATMENTS
STD-15-9	2-28-03	TYPICAL WINGWALL DETAILS AND NOTES
STD-15-10	11-06-08	WINGWALL DIMENSIONS AND QUANTITIES
STD-15-12	3-28-08	WINGWALL & SPECIAL RETAINING WALL DESIGN SECTION
STD-15-13		WINGWALL DESIGN SECTION
STD-15-14	2-28-03	BACKFILL AND DRAINAGE DETAILS
STD-15-15		BACKFILL AND DRAINAGE DETAILS
STD-15-16	12-07-01	PAVED OUTLET DETAIL
STD-15-19		SIDEWALK AND MISCELLANEOUS DETAILS
STD-15-20		WARPED SLOPE DETAIL
STD-15-22	2-28-03	EXTENSION DETAILS
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', 0 - 60' FILL
STD-15-37	05-01-14	BOX BRIDGE, 1 BARREL AT 8', CLEAR HTS. 5' - 8', 0 - 60' FILL
STD-15-40		BOX BRIDGE, 1 BARREL AT 12', CLEAR HTS. 4' - 7', 0 TO 60' FILL
STD-15-41		BOX BRIDGE, 1 BARREL AT 12', CLEAR HTS. 8' - 12', 0 -

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-3	04-15-04	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	04-15-04	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
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
RD-L-8		STANDARD LEGEND FOR NATURAL STREAM DESIGN
RD-UD-3	09-05-96	UNDERDRAIN DETAILS
R01-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-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD01-SD-4		INTERSECTION SIGHT DISTANCE 5-LANE AND 4-LANE UNDIVIDED ROADWAYS
RD01-SE-2	10-15-02	URBAN SUPERELEVATION DETAILS
RD01-SE-3	10-15-02	RURAL SUPERELEVATION DETAILS
RD01-TS-1	10-15-02	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD01-TS-1A		DESIGN STANDARDS FOR LOW-VOLUME LOCAL ROADS (ADT<=400)
RD01-TS-2	10-15-02	DESIGN STANDARDS FOR COLLECTOR ROADS AND STREETS
RD01-TS-3C	10-15-02	DESIGN STANDARDS 4 AND 6 LANE ARTERIAL HIGHWAYS WITH FLUSH MEDIANS
RD01-TS-6	07-31-13	TYPICAL CURB AND GUTTER SECTIONS WITH SHOULDER
RD01-TS-6A	07-31-13	TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDER
RD01-TS-7A	10-15-02	DESIGN STANDARDS 2-LANE CURB & GUTTER WITH CONTINUOUS 2-WAY LEFT-TURN LANE

DRAINAGE - CULVERTS AND ENDWALL

D-PB-1	01-02-13	STANDARD DETAILS CLASS "B" BEDDING AND CULVERT EXCAVATION
D-PB-2	01-29-14	STANDARD DETAILS FOR PLASTIC PIPE INSTALLATION
D-PB-3		INDUCED TRENCH SOIL EMBANKMENT FOR PIPE)
D-PE-24A	01-06-15	24" CONCRETE ENDWALL CROSS DRAIN
D-PE-24B		24" CONCRETE ENDWALL CROSS DRAIN
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

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX AND STANDARD DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	1A1

STANDARD ROADWAY DRAWINGS (CONT'D)

DWG. NO	REV.	DESCRIPTION
DRAINAGE-CATCH BASINS AND MANHOLES		
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-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-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-16S	03-11-14	STANDARD RECTANGULAR CONCRETE NO. 16 CATCH BASIN
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-CB-44SE	03-11-14	STANDARD 9' X 9' SQUARE CONCRETE NO. 44 CATCH BASIN
D-CB-99	06-07-13	MISCELLANEOUS DETAILS FOR RECTANGULAR STRUCTURES
D-CB-99R	03-11-14	MISCELLANEOUS DETAILS FOR ROUND STRUCTURES
D-CB-99RA	03-19-14	BILL OF STEEL FOR ROUND CATCH BASIN LIDS
D-CBB-12A	05-27-01	TYPE "B" CAST IRON FRAME, GRATE & NONMOUNTABLE INLET DETAILS FOR NOS. 10, 12, 14, 16, & 17 TYPE CATCH BASINS
D-CBB-42	05-27-01	CAST IRON GRATE DETAILS FOR NOS. 42, 43 & 44 TYPE CATCH BASINS
D-JBS-5	08-01-12	STANDARD 9' X 9' SQUARE CONCRETE NO. 5 JUNCTION BOX
D-MH-2	08-01-12	STANDARD MASONRY & PRECAST NO. 3 MANHOLE
D-MH-3	04-21-14	STANDARD PRECAST CIRCULAR LID DETAILS FOR NO. 3 MANHOLE
D-MH-3A	08-01-12	STANDARD PRECAST CIRCULAR LID DETAILS FOR NO. 3 MANHOLE (96" AND 108" DIA.)
D-MH-4	08-01-12	STANDARD NO. 3 MANHOLE CASTINGS AND STEPS

DWG. NO	REV.	DESCRIPTION
D-RF-1		STANDARD PRECAST RISER
DRAINAGE - NATURAL STREAM DESIGN		
D-NSD-1		BOULDER CLUSTERS
D-NSD-2		ROCK VANES
D-NSD-3		LOG DEFLECTORS AND LOG VANES
D-NSD-4		LOG DROPS AND STEP POOLS
D-NSD-5		BOULDER RIFFLES
D-NSD-6		CONSTRUCTED RIFFLES
D-NSD-7		COCONUT FIBER ROLLS AND LIVE SILTATION
D-NSD-8		LIVE FASCINES AND WILLOW CUTTINGS
D-NSD-9		BRUSH MATTRESS
D-NSD-10		LARGE WOODY DEBRIS
D-NSD-11		VEGETATED RIPRAP AND GABIONS
D-NSD-12		VEGETATED MSE WALLS
D-NSD-13		LONGITUDINAL STONE TOE AND ARTICULATED CONCRETE MAT
ROADWAY AND PAVEMENT APPURTENANCES		
RP-D-15	07-15-08	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-D-16	07-15-08	DETAILS OF LOWERED STANDARD CONCRETE DRIVEWAYS
RP-H-3	01-30-15	HANDICAP 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-9	01-30-15	PARALLEL CURB RAMP TYPE 3 AND 4
RP-I-5	12-18-96	EXAMPLES OF STREET AND ALLEY INTERSECTIONS
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-R-1	05-27-01	STANDARD RAMPS TO SIDE ROADS
RP-S-7	06-04-13	DETAILS FOR STANDARD CONCRETE SIDEWALKS
SAFETY APPURTENANCES AND FENCE		
S-F-1	05-24-12	HIGH VISIBILITY FENCE
S-RP-2	01-19-99	STANDARD CONCRETE RIGHT-OF-WAY MARKERS
S-CZ-1		CLEAR ZONE CRITERIA
S-PL-1		SAFETY PLAN AT ROADSIDE HAZARDS
S-PL-2		SAFETY PLAN AT SIDE ROADS OR PRIVATE DRIVES
S-PL-6	12-01-14	SAFETY PLAN SAFETY HARDWARE PLACEMENT
S-GR31-1	12-01-14	W-BEAM GUARDRAIL
S-GRT-2	11-03-14	TYPE 38 GUARDRAIL TERMINAL
S-GRT-2P		EARTH PAD FOR TYPE 38 TERMINAL
TRAFFIC CONTROL APPURTENANCES		
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

DWG. NO	REV.	DESCRIPTION
T-M-2	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-4	07-24-14	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-10	06-15-12	SIGNING AND PAVEMENT MARKINGS FOR SHARED-USE PATHS
T-M-11	12-01-14	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AND ROUTES ON RURAL ROADS
T-M-12	01-30-15	SIGNING AND PAVEMENT MARKINGS FOR URBAN BICYCLE LANES
T-M-13		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
T-PBR-1	06-30-09	INTERCONNECTED PORTABLE BARRIER RAIL
T-PBR-2	11-01-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS
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-16	06-05-14	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-18	02-14-14	END OF ROADWAY AND DEAD END SIGNS, METAL BARRICADES (TYPE III) & WORK ZONE SPEED SIGNS
T-S-19	07-19-13	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
T-S-23A	07-19-13	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
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-3A		ALTERNATE DETECTION 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-9	12-04-13	DETAILS OF CANTILEVER SIGNAL SUPPORT
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
T-SG-13	06-01-09	FLASHING BEACON DETAIL

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DEPARTMENT OF TRANSPORTATION

STANDARD DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	1A2

STANDARD ROADWAY DRAWINGS (CONT'D)

DWG. NO	REV.	DESCRIPTION
TRAFFIC CONTROL APPURTENANCES (CONT'D)		
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-21	03-15-11	LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT
T-WZ-30	09-01-05	TRAFFIC CONTROL 2-LANE, 2-WAY DIVERSION (40 MPH OR LESS)
T-WZ-31	09-01-05	TRAFFIC CONTROL 2-LANE, 2-WAY DIVERSION (GREATER THAN 40 MPH)
T-WZ-36	04-02-12	LANE CLOSURE ON LOW-VOLUME 2-LANE HIGHWAY
T-WZ-40	04-02-12	RIGHT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-41	04-02-12	LEFT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-42	04-02-12	CENTER LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-55		SIDEWALK TRAFFIC CONTROL
EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-1	08-01-12	DEWATERING STRUCTURE
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-6	08-01-12	ROCK CHECK DAM
EC-STR-6A	08-01-12	ENHANCED ROCK CHECK DAM
EC-STR-7	08-01-12	SEDIMENT TRAP WITH CHECK DAM
EC-STR-8	08-01-12	FILTER SOCK
EC-STR-11	08-01-12	CULVERT PROCTECTION TYPE 1
EC-STR-11A	08-01-12	CULVERT PROCTECTION TYPE 2
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
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 DIVERSON (DOWNSTREAM)
EC-STR-34	08-01-12	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-36	08-01-12	TURF REINFORCEMENT MAT FOR CHANNEL INSTALLATION
EC-STR-37	08-01-12	SEDIMENT TUBE
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4
EC-STR-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-44		CATCH BASIN FILTER ASSEMBLY (TYPE 4)
EC-STR-44A		CATCH BASIN FILTER ASSEMBLY (TYPE 4) 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-48		CATCH BASIN FILTER ASSEMBLY (TYPE 8)
EC-STR-48A		CATCH BASIN FILTER ASSEMBLY (TYPE 8) SLIPCOVER DETAILS
EC-STR-50		CATCH BASIN FILTER ASSEMBLY (TYPE 10)
EC-STR-50A		CATCH BASIN FILTER ASSEMBLY (TYPE 10) SLIPCOVER DETAILS
EL-W-2	05-27-01	STANDARD GRAVITY-TYPE RETAINING WALLS

DWG. NO	REV.	DESCRIPTION

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STANDARD DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	1B

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDHZ004	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	IN THE EVENT HAZARDOUS SUBSTANCES/WASTES ARE ENCOUNTERED WITHIN THE PROPOSED RIGHT-OF-WAY, THEIR MANAGEMENT AND DISPOSITION SHALL BE SUBJECT TO ALL APPLICABLE REGULATIONS, INCLUDING THE FEDERAL RESOURCE CONSERVATION AND RECOVERY ACT, AS AMENDED; AND THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT, AS AMENDED; AND THE TENNESSEE HAZARDOUS WASTE MANAGEMENT ACT OF 1983, AS AMENDED.	APPLICABLE TRACTS
EDHZ003	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	5. A TDEC-OWNED SOIL VAPOR EXTRACTION SYSTEM IS CURRENTLY IN PLACE AND OPERATING ON TRACT 207. TWO OF THE RECOVERY WELLS THAT ARE PART OF THIS SYSTEMS ARE WITHIN THE RIGHT-OF-WAY OF THIS PROJECT. ABANDONMENT AND REPLACEMENT OF THESE WELLS WILL BE REQUIRED PRIOR TO CONSTRUCTION IN THIS AREA (TDEC RESPONSIBILITY SINCE THEY ARE IN THE RIGHT-OF-WAY).	TRACT 207
EDHZ002	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	1. PETROLEUM CONTAMINATED SOIL WAS DETECTED AT LEVELS ABOVE THE EPA REGIONAL SCREENING LEVEL FOR COMMERCIAL SITES WITHIN THE RIGHT-OF-WAY ON TRACTS 162, 187, 198, AND 207. 2. IF SOIL IS ENCOUNTERED THAT IS DISCOLORED OR EXHIBITS AN ODOR, WORK IN THESE AREAS SHOULD BE STOPPED AND THE TDOT HAZARDOUS MATERIALS MANAGER SHOULD BE NOTIFIED AT 615-532-8684. 3. THE TDOT ENVIRONMENTAL DIVISION WILL BE RESPONSIBLE FOR COORDINATING THE SAMPLING AND DISPOSITION OF THE EXCAVATED MATERIAL. 4. THE TDOT ENVIRONMENTAL DIVISION RECOMMENDS THAT ALL PERSONNEL USE ENGINEERING CONTROLS (RUBBER BOOTS, GLOVES) AND GOOD HYGIENIC PRACTICES IF THEY MUST COME INTO CONTACT WITH THE SOIL. CONTRACTORS SHOULD FOLLOW THEIR COMPANY HEALTH AND SAFETY PLAN IF CONTACTING POTENTIALLY CONTAMINATED SOIL.	TRACTS 162, 187, 198

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT COMMITMENTS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2A

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
	202-04.51	REMOVAL OF STRUCTURES (8' X 5' RCBC, STA. 880+58.32)	LS	1
	202-04.52	REMOVAL OF STRUCTURES (3' X 3' RCBC, STA. 940+70.52)	LS	1
	202-04.53	REMOVAL OF STRUCTURES (3' X 3' RCBC,LT.STA. 942+95-944+84)	LS	1
	202-04.54	REMOVAL OF STRUCTURES (8' X 5' RCBC, STA. 954+39.29)	LS	1
9),10)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	29990
10)	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	5758
	204-08	FOUNDATION FILL MATERIAL	C.Y.	126
	209-05	SEDIMENT REMOVAL	C.Y.	1283
1)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	73518
1)	209-08.07	ROCK CHECK DAM PER	EACH	134
1)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	90
1)	209-09.01	SANDBAGS	BAG	1050
1)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	6
	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	3
	209-10.43	TEMPORARY DEWATERING STRUCTURE	C.Y.	500
	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y	10000
	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	80
	209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	45
	209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	EACH	2
	209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	2
	209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	124
	209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	EACH	2
	209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	EACH	19
	209-40.50	CATCH BASIN FILTER ASSEMBLY(TYPE 10)	EACH	5
	209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	530
	303-01.01	GRANULAR BACKFILL (ROADWAY)	TON	6878
7)	303-01.03	GRANULAR BACKFILL (RETAINING WALLS)	TON	22
11)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	124
7)	303-10.03	MINERAL AGGREGATE (SIZE 68)	TON	45
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TONS	347
6)	604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	835
	604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	LB.	121461
	606-24.12	TEMPORARY SHEET PILES	S.F.	63970
	607-03.30	18" PIPE CULVERT	L.F.	8979
	607-05.30	24" PIPE CULVERT	L.F.	1614
	607-06.30	30" PIPE CULVERT	L.F.	1890
	607-07.30	36" PIPE CULVERT	L.F.	4726
	607-08.30	42" PIPE CULVERT	L.F.	3843
	607-10.30	54" PIPE CULVERT	L.F.	16
	607-20.04	36" CROSSDRAIN PIPE CULVERT(COLLECTORS & LOCAL ROADS)	L.F.	50
	607-39.01	15" PIPE CULVERT (SIDE DRAIN)	L.F.	44
	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	636
	607-39.03	24" PIPE CULVERT (SIDE DRAIN)	L.F.	70
	607-57.06	REINFORCED CONCRETE PIPE ARCH (58" X 36")	L.F.	71

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	4
	611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	11
	611-01.04	MANHOLES, > 12' - 16' DEPTH	EACH	5
	611-01.05	MANHOLES, > 16' - 20' DEPTH	EACH	3
	611-02.14	JUNCTION BOX, TYPE 5	EACH	1
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	1
	611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH	9
	611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	69
	611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	24
	611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	EACH	15
	611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' DEPTH	EACH	7
	611-12.06	CATCH BASINS, TYPE 12, > 20' - 24' DEPTH	EACH	2
	611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	1
	611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	1
	611-16.02	CATCH BASINS, TYPE 16, > 4' - 8' DEPTH	EACH	1
	611-16.03	CATCH BASINS, TYPE 16, > 8' - 12' DEPTH	EACH	2
	611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	38
	611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	7
	611-43.01	CATCH BASINS, TYPE 43, > 0' - 4' DEPTH	EACH	5
	611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	EACH	13
	611-44.02	CATCH BASINS, TYPE 44, > 4' - 8' DEPTH	EACH	3
	611-44.03	CATCH BASINS, TYPE 44, > 8' - 12' DEPTH	EACH	2
	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	65118
8)	701-02	CONCRETE DRIVEWAY	S.F.	19443
	701-02.03	CONCRETE HANDICAP RAMP	S.F.	3560
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	1528
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	788
	705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH	10
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	4
5)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	2
	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	155
	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	200
4)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	1942
	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	500
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	13700
	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	9000
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	333
	712-06	SIGNS (CONSTRUCTION)	S.F.	1484
	712-06.01	VERTICAL PANELS	S.F.	2492
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48

NOTE: SEE SHEET 2A1 FOR FOOTNOTES

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2A1

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR)(1 COLOR)	EACH	250
	716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR)	EACH	270
2)	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	128
2)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	485
2)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	60
2)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	1614
	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	11
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	11
	717-01	MOBILIZATION	LS	1
	740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	3619
	740-11.02	TEMPORARY SEDIMENT TUBE 12IN (DESCRIPTION)	L.F.	11314
	740-11.04	TEMPORARY SEDIMENT TUBE 20IN (DESCRIPTION)	L.F.	11314
	801-01	SEEDING (WITH MULCH)	UNIT	10
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	480
	801-02	SEEDING (WITHOUT MULCH)	UNIT	5
	801-03	WATER (SEEDING & SODDING)	M.G.	616
	802-01.10	TREES (AMERICAN ELM - ULMUS AMERICANA)	EACH	5
	802-01.11	TREES (AMERICAN SYCAMORE - PLATANUS OCCIDENTAILS)	EACH	5
	802-01.12	TREES (SOUTHERN RED OAK - QUERCUS FALCATA)	EACH	5
	802-01.13	TREES (GREEN ASH - FRAXINUS PENNSYLVANICA)	EACH	5
	802-01.14	TREES (WHITE OAK - QUERCUS ALBA)	EACH	4
	803-01	SODDING (NEW SOD)	S.Y.	53238
	805-01.03	TURF REINFOCEMENT MAT (CLASS II)	S.Y.	110
	805-12.01	EROSION CONTROL BLANKET (TYPE I)	S.Y.	450
3)	806-02.03	PROJECT MOWING	CYCL	6

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
		PAVEMENT DESIGN ALTERNATE AA1 - TOTALS FOR PROJECT		
	203-06	WATER	M.G.	3997
12)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	92949
13)	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	22721
14)	307-01.02	ASPHALT CEMENT (PG64-22) (BPMB-HM) GRADING A-S	TON	456
15)	307-01.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	13552
16)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	17962
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	139
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	458
17)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	60
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	136
18)	411-01.10	ACS MIX (PG64-22) GRADING D	TON	7458
19)	411-02.10	ACS MIX (PG70-22) GRADING D	TON	320
		PAVEMENT DESIGN ALTERNATE AA2 - TOTALS FOR PROJECT		
	203-06	WATER	M.G.	5496
12)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	65424
13)	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	22721
14)	307-01.02	ASPHALT CEMENT (PG64-22) (BPMB-HM) GRADING A-S	TON	456
15)	307-01.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	13552
16)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	16926
	309-01.01	MINERAL AGGREGATE (A-CBC)	TON	21984
	309-01.02	PORTLAND CEMENT (A-CBC)	TON	849
	309-02	BITUMINOUS MATERIAL (A-CBC)	TON	71
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	139
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	458
17)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	60
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	136
18)	411-01.10	ACS MIX (PG64-22) GRADING D	TON	7458
19)	411-02.10	ACS MIX (PG70-22) GRADING D	TON	320

FOOTNOTES

1) SEE SUBSECTION 209-07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
2) THE CONTRACTOR MAY ELECT TO SUBSTITUDE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC
3) 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 806-02.03, PROJECT MOWING, CYCL.
4) INCLUDES 1,535 TONS FOR EROSION CONTROL AND 407 TONS FOR SPECIAL DITCHES.
5) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OF OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWINGS.
6) QUANTITY INCLUDES 25 C.Y. FOR RETAINING WALL RT. STA 960+03.81 TO 931+69.60.
7) ITEM FOR RETAINING WALL RT. STA 960+03.81 TO 931+69.60 (REFER TO STD. DWG. EL-W-2).
8) QUANTITY INCLUDES 14,603 S.F. FOR CONCRETE DRIVEWAY PADS AT SIDEWALKS AND 4,840 S.F. TO REPLACE EXISTING CONCRETE DRIVES.
9) QUANTITY INCLUDES 50 C.Y. FOR E.P.S.C.
10) REFER TO SPECIAL NOTES.
11) QUANTITY FOR E.P.S.C.
12) INCLUDES 27,792 TONS FOR TRAFFIC CONTROL PHASING.
13) INCLUDES 8,502 TONS FOR TRAFFIC CONTROL PHASING.
14) INCLUDES 134 TONS FOR TRAFFIC CONTROL PHASING.
15) INCLUDES 3,974 TONS FOR TRAFFIC CONTROL PHASING.
16) INCLUDES 5,569 TONS FOR TRAFFIC CONTROL PHASING.
17) INCLUDES 2 TONS FOR RESURFACING ALONG SR-15 AND N. PICKWICK STREET.
18) INCLUDES 27 TONS FOR RESURFACING ALONG N. PICKWICK STREET.
19) INCLUDES 320 TONS FOR RESURFACING ALONG SR-15.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2A2

ESTIMATED SIGNAL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	EACH	7
2	713-15.40	SIGN INSTALLATION (STREET NAME SIGN)	LS	1
3	730-01.02	REMOVAL OF SIGNAL EQUIPMENT	EACH	2
	730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	EACH	10
	730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	EACH	6
	730-02.30	SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	EACH	3
	730-02.31	SIGNAL HEAD ASSEMBLY (140 A1 WITH BACKPLATE)	EACH	2
	730-03.20	INSTALL PULL BOX (TYPE A)	EACH	6
	730-03.21	INSTALL PULL BOX (TYPE B)	EACH	15
4	730-05.01	ELECTRICAL SERVICE CONNECTION	EACH	2
	730-08.01	SIGNAL CABLE - 3 CONDUCTOR	L.F.	1997
	730-08.02	SIGNAL CABLE - 5 CONDUCTOR	L.F.	2610
	730-08.03	SIGNAL CABLE - 7 CONDUCTOR	L.F.	1702
5	730-08.30	INTERCONNECT CABLE (COPPER-TWISTED PAIR)	L.F.	383
	730-12.01	CONDUIT 1" DIAMETER (PVC)	L.F.	1514
	730-12.02	CONDUIT 2" DIAMETER (PVC)	L.F.	741
	730-12.14	CONDUIT 3" DIAMETER (JACK AND BORE)	L.F.	172
6	730-12.16	CONDUIT (2" CONDUIT SCHEDULE 80)	L.F.	926
	730-12.17	CONDUIT (3" CONDUIT SCHEDULE 80)	L.F.	133
7	730-13.02	VEHICLE DETECTOR (VIDEO)	EACH	8
	730-13.03	VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)	EACH	2
	730-14.01	SHIELDED DETECTOR CABLE	L.F.	2073
	730-14.02	SAW SLOT	L.F.	373
	730-14.03	LOOP WIRE	L.F.	1264
	730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	EACH	2
8	730-16.02	EIGHT PHASE ACTUATED CONTROLLER	EACH	2
9	730-18.01	MASTER CONTROLLER	EACH	1
	730-23.30	PEDESTAL POLE (10' PEDESTRIAN)	EACH	14
10	730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	EACH	1
10	730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	EACH	1
10	730-23.96	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	EACH	2
10	730-23.97	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	EACH	2
10	730-23.98	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	EACH	2
11	730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	EACH	16

FOOTNOTES

1 FOR THREE (3) R10-5 SIGN AND FOUR (4) R10-12 SIGNS.

2 FOR TWO (2) 18" X 54" AND TWO 18" X 72" STREET NAME SIGNS FOR THE INTERSECTION OF WATER STREET WITH PICKWICK STREET. THE INTERSECTION AT PICKWICK STREET WITH MAIN STREET SHALL HAVE TWO (2) 18" X 48" AND TWO 18" X 72" STREET NAME SIGNS. COST OF SIGNS, INSTALLATION AND HARDWARE TO BE INCLUDED IN PRICE BID FOR ITEM 713-15.40 FOR PAYMENT BY THE CONTRACTOR. SEE SIGN SCHEDULE SHEET FOR DETAILS.

3 INCLUDES THE REMOVAL OF ALL SPAN WIRE, CONTROLLER CABINETS, SIGNAL HEADS, SIGNAL POLES AND ANY OTHER SIGNAL EQUIPMENT AT THE INTERSECTION OF WATER STREET AND PICKWICK STREET AND THE INTERSECTION OF PICKWICK STREET WITH MAIN STREET. ALL SALVAGE ITEMS ARE TO BECOME THE PROPERTY OF THE CITY OF SAVANNAH.

4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE LOCAL UTILITY TO OBTAIN THE ESTIMATE FOR ANY CHARGES BY THE UTILITY FOR PROVIDING ELECTRICAL SERVICE TO THE SIGNAL CONTROLLERS. THESE CHARGES SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 730-05.01 FOR PAYMENT BY THE CONTRACTOR.

FOOTNOTES CONTINUES

5 TO BE USED FOR SIGNAL INTERCONNECTION BETWEEN THE INTERSECTION OF WATER STREET WITH PICKWICK STREET AND THE INTERSECTION OF PICKWICK STREET WITH MAIN STREET.

6 INCLUDES 462 FEET OF SPARE 2" CONDUIT SCHEDULE 80 PER REQUEST BY THE CITY OF SAVANNAH.

7 INCLUDES EIGHT (8) CAMERA SENSOR UNITS, EIGHT (8) PROCESSOR UNITS, HARDWARE, SOFTWARE, CAMERA MOUNTING ASSEMBLY, POWER CABLING, 1,423 FEET COXIAL CABLING, CONDUIT, SURGE PROTECTION, AND ALL RELATED EQUIPMENT TO PROVIDE VIDEO DETECTION ZONE AS SHOWN ON THE PLANS. SEE SPECIAL PROVISION 730V FOR ADDITIONAL INFORMATION.

8 THE CONTROLLERS SHALL BE EAGLE EPAC 300 TYPE CONTROLLERS AND TO BE INSTALLED AT THE INTERSECTIONS OF WATER STREET WITH PICKWICK STREET & PICKWICK STREET WITH MAIN STREET.

9 TO BE INSTALLED AT THE INTERSECTION OF PICKWICK STREET AND MAIN STREET PER REQUEST BY THE CITY OF SAVANNAH.

10 CANTILEVER SIGNAL POLES TO BE POWDER COATED DURING THE MANUFACTURING PROCESS AND PAINTED BLACK. SEE SHEET 27 FOR LOCATION OF CANTILEVER SIGNAL POLES. FOOTING DEPTH = 15 FT. AND FOOTING DIAMETER = 3 FT.

11 INCLUDES SIXTEEN (16) PUSHBUTTONS AND SIXTEEN (16) R10-3E SIGNS.

SPECIAL NOTES REGARDING LED LENSES

(1) ALL CIRCULAR AND ARROW INDICATIONS WITHIN ALL VEHICULAR SIGNAL HEADS PROPOSED FOR THIS PROJECT SHALL CONSIST OF AN LED (LIGHT EMITTING DIODE) SIGNAL MODULE UNLESS OTHERWISE NOTED IN THE PLANS.

(2) ALL PEDESTRIAN TRAFFIC CONTROL INDICATIONS, WHERE CALLED FOR, SHALL CONSIST OF LED MODULES DISPLAYING "WALKING PERSON" AND "HAND" SYMBOLS, ALONG WITH A PEDESTRIAN INTERVAL COUNTDOWN DISPLAY, WITHIN THE SAME FACE UNLESS OTHERWISE NOTED IN THE PLANS.

(3) CIRCULAR INDICATIONS SHALL MEET "ITE VTCSH-LED CIRCULAR SIGNAL SUPPLEMENT" FOR EXPANDED/EXTENDED VIEW.

ARROW INDICATIONS SHALL MEET "ITE VTCSH-3 LED ARROW SPECIFICATION" FOR EXPANDED/EXTENDED VIEW.

PEDESTRIAN INDICATIONS SHALL MEET "ITE PTCSI PART 2".

(4) INCANDESENT OR SCREW-IN MODULES ARE NOT ACCEPTABLE.

(5) COMPATIBILITY WITH CONFLICT MONITORS AND LOAD SWITCHES SHALL BE TESTED AND CONFIRMED.

(6) MANUFACTURER SHALL PROVIDE A MINIMUM FIVE YEAR WARRANTLY FOR OPERATION OF THE UNIT.

CANTILEVER SIGNAL SUPPORT POLE DATA FOR LOCATION NO. 1

POLE NO.	STATION	OFFSET	NORTHING	EASTING	GROUND ELEV. @ POLE	ARM LENGTH
1	958+41.50	80.40' RT.	331708.387	1297597.457	431.55	1 @ 60'
2	958+14.20	41.00' LT.	331703.674	1297473.089	434.84	1 @ 45'
3	959+25.40	70.10' LT.	331819.203	1297465.512	433.82	1 @ 35'
4	959+52.30	45.80' RT.	331823.728	1297584.407	436.29	1 @ 50'

POLE LENGTHS MUST BE FIELD VERIFIED PRIOR TO FABRICATION.

CANTILEVER SIGNAL SUPPORT POLE DATA FOR LOCATION NO. 2

POLE NO.	STATION	OFFSET	NORTHING	EASTING	GROUND ELEV. @ POLE	ARM LENGTH
1	962+01.20	55.90' RT.	332066.241	1297641.337	441.12	1 @ 55'
2	961+82.60	50.10' LT.	332067.996	1297533.732	444.53	1 @ 60'
3	49+44.30	41.70' LT.	332172.841	1297547.223	444.01	1 @ 55'
4	50+41.40	34.60' LT.	332149.719	1297641.797	442.14	1 @ 50'

POLE LENGTHS MUST BE FIELD VERIFIED PRIOR TO FABRICATION.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED SIGNAL QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2A3

SIGNING NOTES

1. 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.
2. 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.
3. 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.
4. 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.

PAVEMENT MARKING NOTES

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.

PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" SPRAY THERMOPLASTIC (60 mil) 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. 716-13.02, SPRAY THERMO PVMT MRKNG (60 mil) (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.

ESTIMATED SIGNING AND PAVEMENT MARKINGS QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	713-11.01	"U" SECTION STEEL POSTS	LB.	120
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	1230
	713-11.21	P POST SLIP BASE	EACH	10
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	215
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	453
1	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
2	730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	EACH	2
3	730-23.48	CANTILEVER SIGNAL SUPPORT (1 ARM @ 20')	EACH	2
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	8.08
4	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	5.39
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	11
	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	1
	716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	EACH	3
	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	2

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-4	07-24-14	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-10	06-15-12	SIGNING AND PAVEMENT MARKINGS FOR SHARED-USE PATHS
T-M-11	10-24-13	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE ROUTES ON RURAL ROADS
T-M-12	10-10-13	SIGNING AND PAVEMENT MARKINGS FOR URBAN BICYCLE LANES
T-M-13		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
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-16	06-05-14	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-18	02-14-14	END OF ROADWAY AND DEAD END SIGNS, METAL BARRICADES (TYPE III) AND WORK ZONE SPEED SIGNS
T-S-19	07-19-13	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
T-S-23A	07-19-13	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
T-SG-9	12-04-13	DETAILS OF CANTILEVER SIGNAL SUPPORT
T-SG-10	06-11-14	MAST ARM POLE AND STRAIN POLES FOUNDATION DETAILS
T-SG-13	06-01-09	FLASHING BEACON DETAIL

FOOTNOTES

1. REMOVE SIGN FACE AND SUPPORT (NO FOOTINGS ON THESE SIGNS) ON APPROXIMATELY 90 EXISTING SIGNS WITHIN THE GRADING LIMITS OF THIS PROJECT OR AS DIRECTED BY THE ENGINEER.

2. ITEM NO. TO INCLUDE SIGN FACE (TN-8-OH), ALL ELECTRICAL: FLASHING LIGHTS, WIRING AND CONNECTORS (AS SPECIFIED IN T.D.O.T STANDARD SPECIFICATION BOOK (730-28) FLASHING SCHOOL SIGNAL). APPROVED SOLAR PANEL, BATTERY, TIMER, ALL BRACKETS, CONTROL BOX WITH LOCK AND KEY AND ALL OTHER INCIDENTALS NECESARY FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM AS LOCATED IN THE PLANS. SUPPORT TO BE PAID FOR UNDER ITEM NO. 730-23.40.

3. TO BE USED FOR THE SCHOOL SIGNAL SPEED SIGN SUPPORT. THE FOOTING FOR THE 20'-0" CANTILEVER SIGNAL SUPPORT WILL USE A 3'-0" DIA. DRILLED SHAFT AND THE DEPTH WILL BE 15"-0".

4. FOR OUTSIDE EDGE OF PAVEMENT LINES ONLY.

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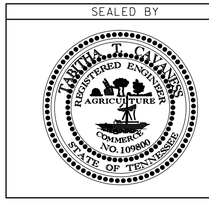

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED SIGNING AND PAVEMENT QUANTITIES

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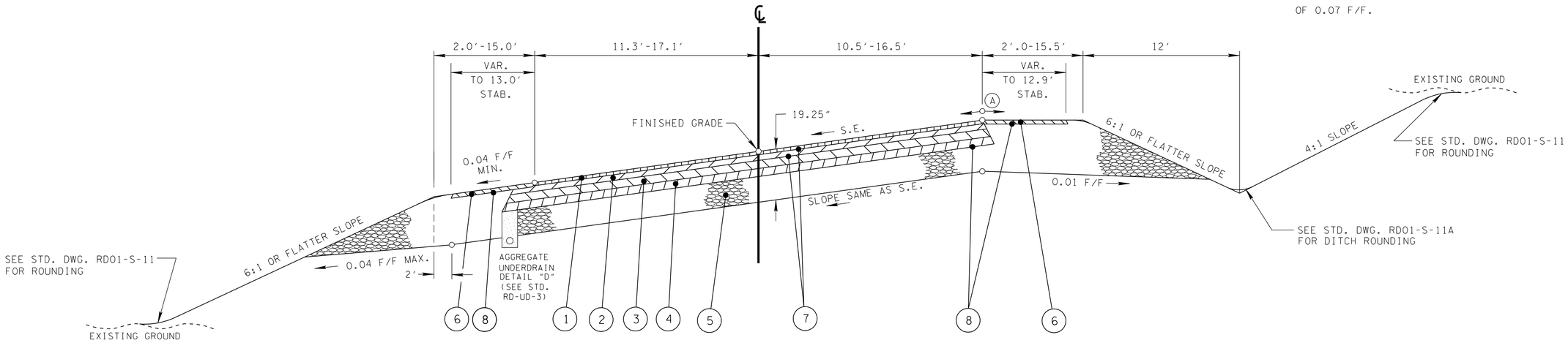
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2D

Ⓐ SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 F/F.



HALF SECTION IN FILL

SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-3)
S.R. 128
STA. 861+74.00 TO 864+39.51
(TRANSITION FROM EXISTING 2-LANE TO 5-LANE CURB & GUTTER)

HALF SECTION IN CUT

ALTERNATE "AA1" PROPOSED PAVEMENT SCHEDULE

① BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	⑤ MINERAL AGGREGATE BASE @ 10.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
② BITUMINOUS COURSE (BINDER) @ 2.00" THICK (APPROX. 226 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	⑥ BITUMINOUS SURFACE (SHOULDER) @ 1.50" THICK (APPROX. 154.5 LB/SQ YD) ITEM 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E (SHOULDER)
③ BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 345 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	⑦ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
④ BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 270 LB/SQ YD) ITEM 307-01.02 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A-S ITEM 307-01.03 AGGREGATE (BPMB-HM) GRADING A-S MIX	⑧ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.030 - 0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8 - 12 LBS. / SQ YD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

S.R. 128
TYPICAL SECTIONS
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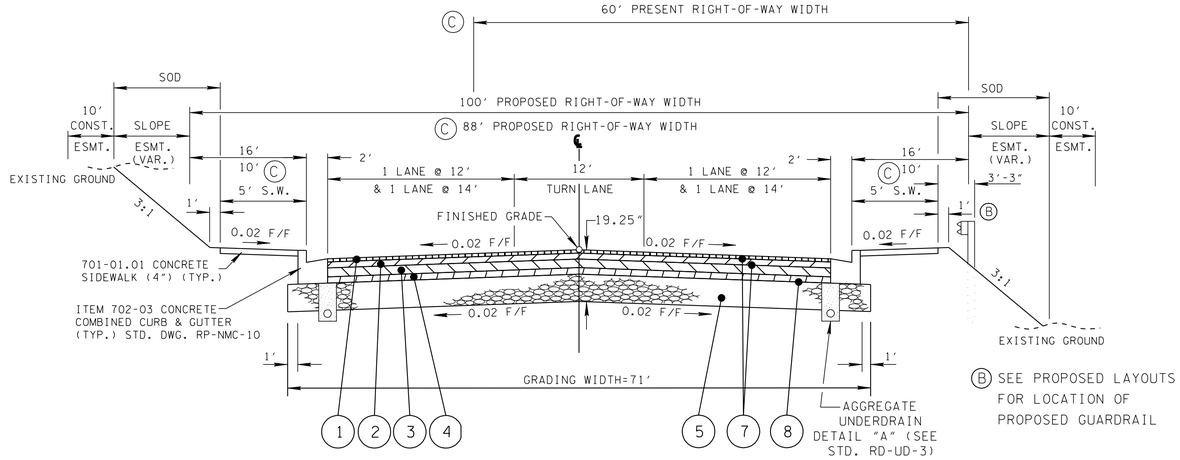
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2E



B SEE PROPOSED LAYOUTS FOR LOCATION OF PROPOSED GUARDRAIL

HALF SECTION IN CUT

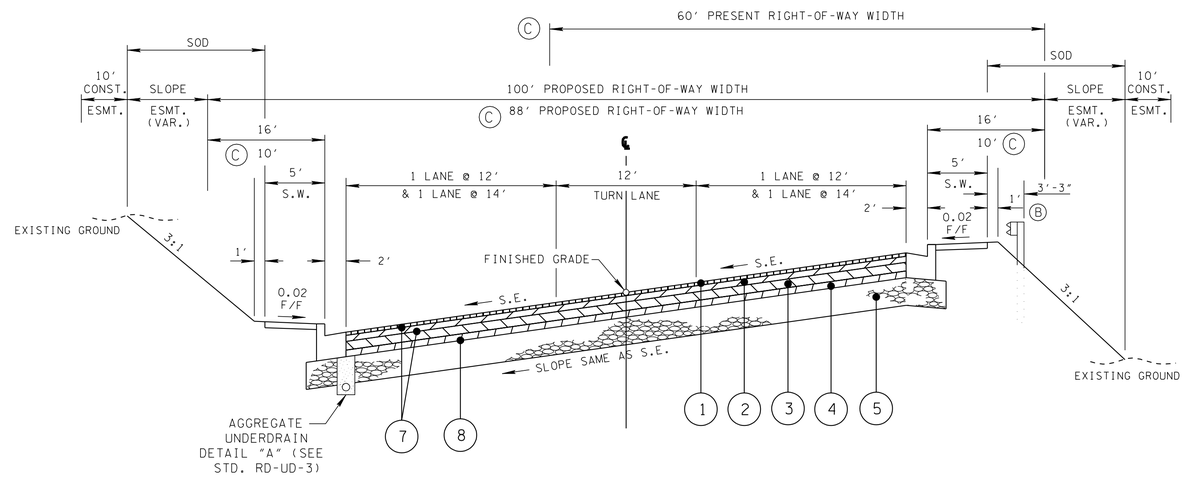
HALF SECTION IN FILL

TANGENT SECTION

(BASED ON STD. DWG. RD-TS-6A & RD-TS-3C)
S.R. 128

STA. 866+39.62 TO 867+79.58
STA. 879+46.35 TO 890+38.11
STA. 908+88.08 TO 913+56.13
STA. 929+52.32 TO 932+64.83

C STA. 944+36.02 TO 945+00.00
C STA. 945+00.00 TO 955+27.40
C STA. 959+24.48 TO 962+19.57

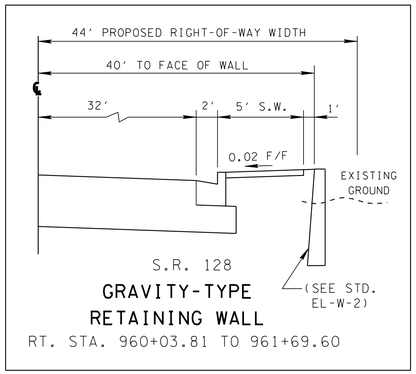


SUPERELEVATED SECTION

(BASED ON STD. DWG. RD-TS-6A & RD-TS-3C)
S.R. 128

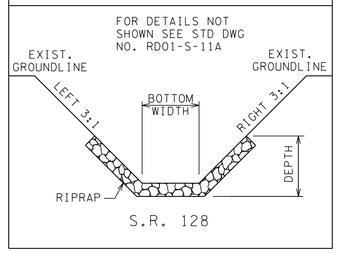
STA. 864+39.51 TO 866+39.62
STA. 867+79.58 TO 879+46.35
STA. 890+38.11 TO 908+88.08

STA. 913+56.13 TO 929+52.32
STA. 932+64.83 TO 944+36.02
C STA. 955+27.40 TO 959+24.48



DETAIL NO. 1

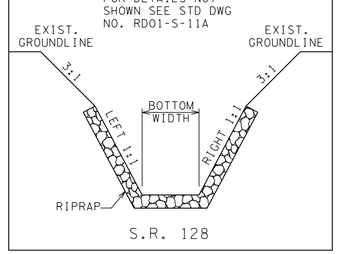
FOR DETAILS NOT SHOWN SEE STD DWG NO. RD01-S-11A



S.R. 128

DETAIL NO. 2

FOR DETAILS NOT SHOWN SEE STD DWG NO. RD01-S-11A



S.R. 128

REFER TO SHEET NO. 2P FOR TABULATED DITCHES

ALTERNATE "AA1" PROPOSED PAVEMENT SCHEDULE

1 BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	5 MINERAL AGGREGATE BASE @ 10.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
2 BITUMINOUS COURSE (BINDER) @ 2.00" THICK (APPROX. 226 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	6 BITUMINOUS SURFACE (SHOULDER) @ 1.50" THICK (APPROX. 154.5 LB/SQ YD) ITEM 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E (SHOULDER)
3 BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 345 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	7 TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
4 BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 270 LB/SQ YD) ITEM 307-01.02 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A-S ITEM 307-01.03 AGGREGATE (BPMB-HM) GRADING A-S MIX	8 PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) 8-12 LBS./SQ YD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

S.R. 128

TYPICAL SECTIONS

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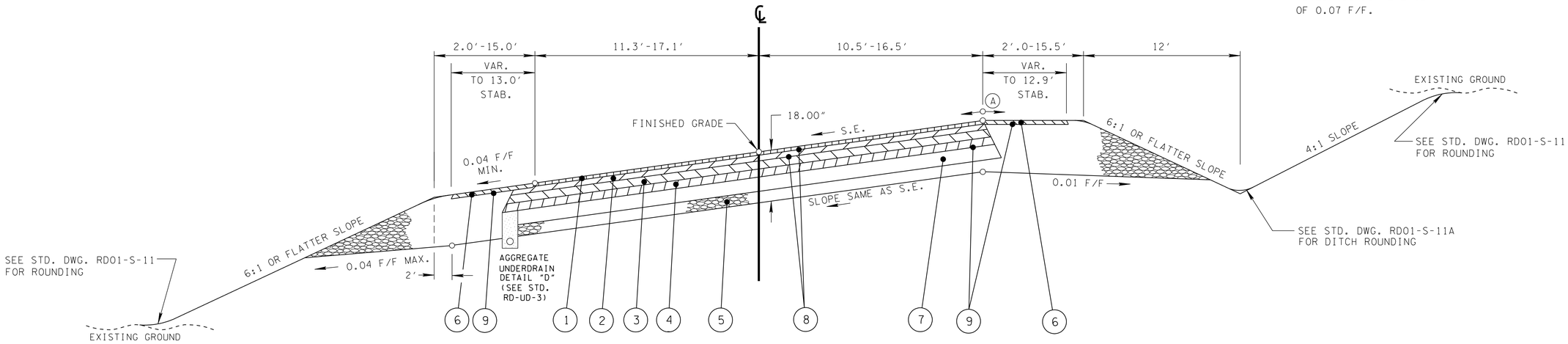
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2F

(A) SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 F/F.



HALF SECTION IN CUT

SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-3)
S.R. 128
STA. 861+74.00 TO 864+39.51
(TRANSITION FROM EXISTING 2-LANE TO 5-LANE CURB & GUTTER)

HALF SECTION IN FILL

ALTERNATE "AA2" PROPOSED PAVEMENT SCHEDULE

① BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	⑥ BITUMINOUS SURFACE (SHOULDER) @ 1.50" THICK (APPROX. 154.5 LB/SQ YD) ITEM 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E (SHOULDER)
② BITUMINOUS COURSE (BINDER) @ 1.75" THICK (APPROX. 197.75 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	⑦ CEMENT TREATED BASE ITEM 309-01.01 AGGREGATE-CEMENT BASE COURSE, 5" THICK ITEM 309-01.02 PORTLAND CEMENT (A-CBC) ITEM 309-02 BITUMINOUS MATERIAL (A-CBC)
③ BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 345 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	
④ BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 270 LB/SQ YD) ITEM 307-01.02 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A-S ITEM 307-01.03 AGGREGATE (BPMB-HM) GRADING A-S MIX	⑧ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
⑤ MINERAL AGGREGATE BASE @ 4.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	⑨ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) 8-12 LBS./SQ YD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

S.R. 128

TYPICAL SECTIONS

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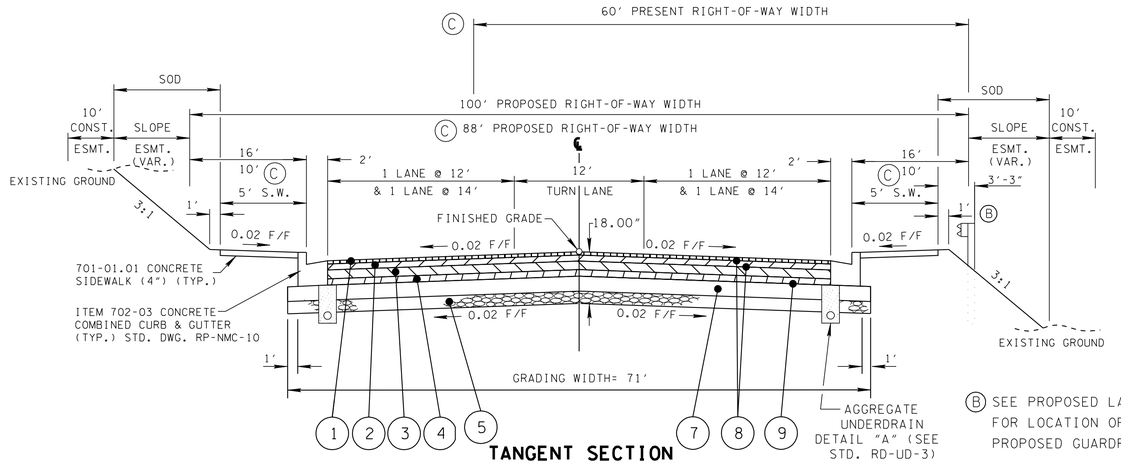
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2G



TANGENT SECTION

(BASED ON STD. DWG. RD-TS-6A & RD-TS-3C)

S.R. 128

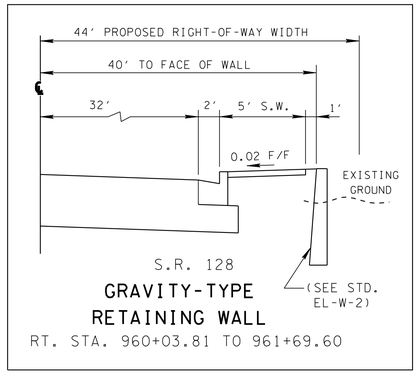
HALF SECTION IN CUT

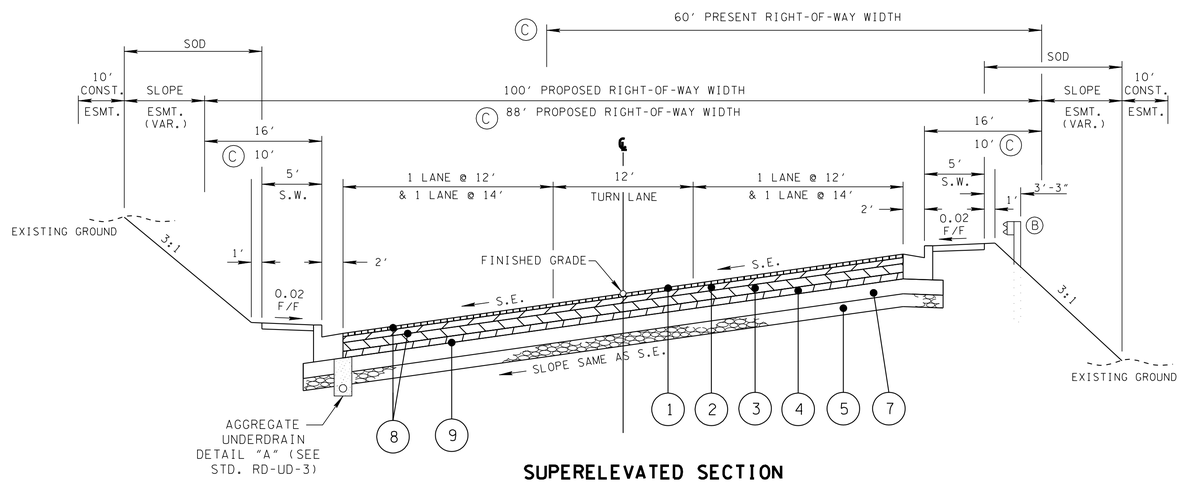
HALF SECTION IN FILL

(B) SEE PROPOSED LAYOUTS FOR LOCATION OF PROPOSED GUARDRAIL

STA. 866+39.62 TO 867+79.58
STA. 879+46.35 TO 890+38.11
STA. 908+88.08 TO 913+56.13
STA. 929+52.32 TO 932+64.83

(C) STA. 944+36.02 TO 945+00.00
(C) STA. 945+00.00 TO 955+27.40
(C) STA. 959+24.48 TO 962+19.57





SUPERELEVATED SECTION

(BASED ON STD. DWG. RD-TS-6A & RD-TS-3C)

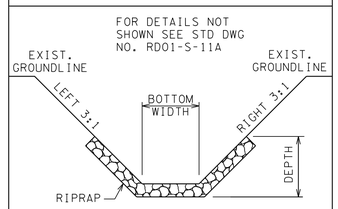
S.R. 128

STA. 864+39.51 TO 866+39.62
STA. 867+79.58 TO 879+46.35
STA. 890+38.11 TO 908+88.08

STA. 913+56.13 TO 929+52.32
STA. 932+64.83 TO 944+36.02
(C) STA. 955+27.40 TO 959+24.48

DETAIL NO. 1

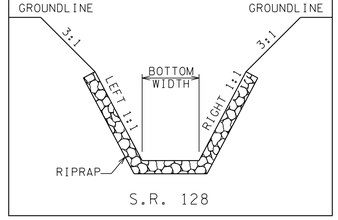
FOR DETAILS NOT SHOWN SEE STD DWG NO. RD01-S-11A



S.R. 128

DETAIL NO. 2

FOR DETAILS NOT SHOWN SEE STD DWG NO. RD01-S-11A



S.R. 128

REFER TO SHEET NO. 2P FOR TABULATED DITCHES

ALTERNATE "AA2" PROPOSED PAVEMENT SCHEDULE

(1) BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	(6) BITUMINOUS SURFACE (SHOULDER) @ 1.50" THICK (APPROX. 154.5 LB/SQ YD) ITEM 411-01.07 ASPHALT CONCRETE MIX (PG64-22) (ACS) GRADING E (SHOULDER)
(2) BITUMINOUS COURSE (BINDER) @ 1.75" THICK (APPROX. 197.75 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	(7) CEMENT TREATED BASE ITEM 309-01.01 AGGREGATE-CEMENT BASE COURSE, 5" THICK ITEM 309-01.02 PORTLAND CEMENT (A-CBC) ITEM 309-02 BITUMINOUS MATERIAL (A-CBC)
(3) BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 345 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	
(4) BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 270 LB/SQ YD) ITEM 307-01.02 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A-S ITEM 307-01.03 AGGREGATE (BPMB-HM) GRADING A-S MIX	(8) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
(5) MINERAL AGGREGATE BASE @ 4.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	(9) PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) 8-12 LBS./SQ YD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

S.R. 128

TYPICAL SECTIONS

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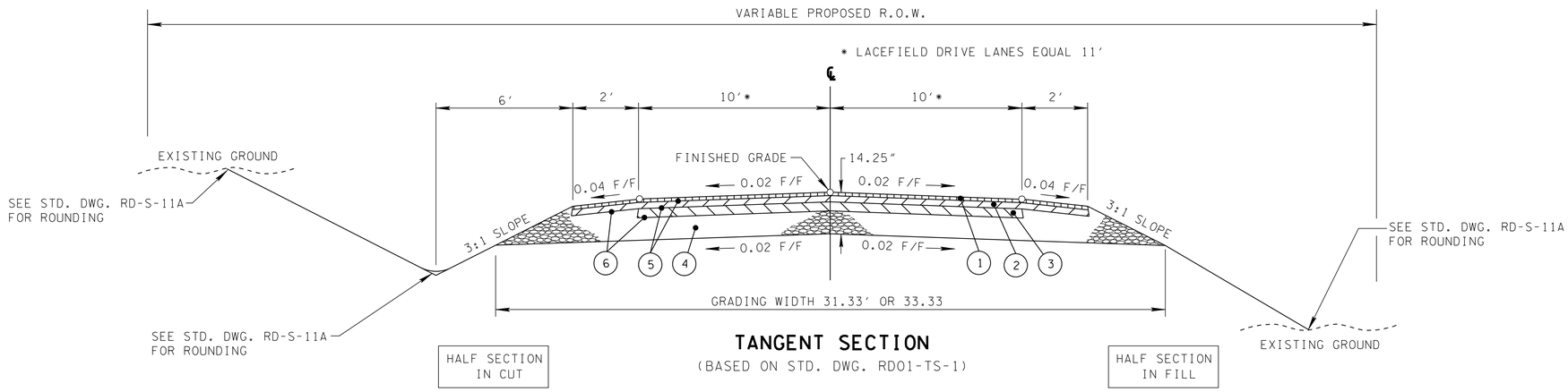
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2H



TANGENT SECTION

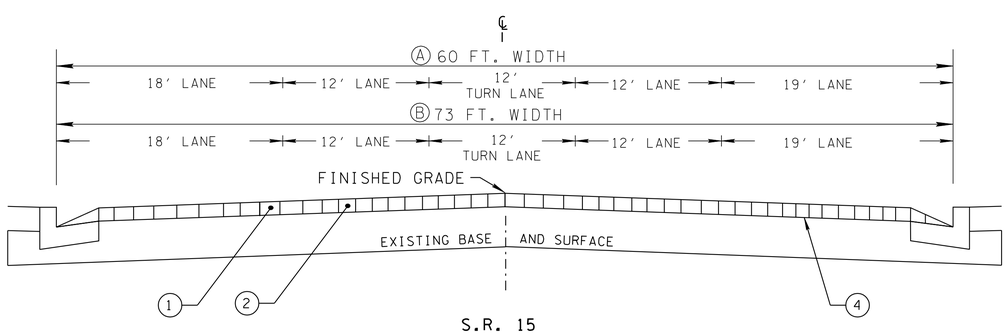
(BASED ON STD. DWG. RD01-TS-1)

LACEFIELD DRIVE (LEFT) M.L. STA. 891+38.89 (SHT 7B)
EUREKA ST. (RIGHT) M.L. STA. 897+50.68 (SHT 7B)
RANCH ST. (RIGHT) M.L. STA. 913+35.04 (SHT 8B)

LEWIS ST. (RIGHT) M.L. STA. 929+46.70 (SHT 10B)
HICKORY ST. (RIGHT) M.L. STA. 934+89.91 (SHT 10B)
MALCOLM ST. (RIGHT) M.L. STA. 945+00.00 (SHT 11B)

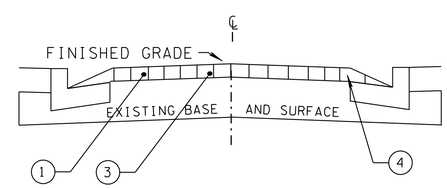
PROPOSED PAVEMENT SCHEDULE

① BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	④ MINERAL AGGREGATE BASE @ 8.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
② BITUMINOUS COURSE (BINDER) @ 2.00" THICK (APPROX. 226 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	⑤ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
③ BITUMINOUS BASE MIX @ 3.00" THICK (APPROX. 345 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	⑥ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) (12 LBS. / SQ YD



S.R. 15

Ⓐ FROM INTERSECTION OF S.R. 128 & S.R. 15 275 FT. WEST OF INTERSECTION
Ⓑ FROM INTERSECTION OF S.R. 128 & S.R. 15 275 FT. EAST OF INTERSECTION



PICKWICK STREET

FROM INTERSECTION OF S.R. 128 & S.R. 15 125 FT. NORTH OF INTERSECTION

PROPOSED RESURFACING PAVEMENT SCHEDULE

① COLD PLANING @ 1.50" THICK (APPROX. 157.50 LBS./S.Y.) ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT	③ ASPHALTIC CONCRETE SURFACE (ACS) @ 1.50"± THICK (APPROX. 159.00 LBS./S.Y.) ITEM 411-01.10 ACS MIX (PG64-22) GRADING "D"
② ASPHALTIC CONCRETE SURFACE (ACS) @ 1.50"± THICK (APPROX. 159.00 LBS./S.Y.) ITEM 411-02.10 ACS MIX (PG70-22) GRADING "D"	④ TACK COAT (TC) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (AT 0.10 GAL./S.Y.)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROADS TYPICAL SECTIONS

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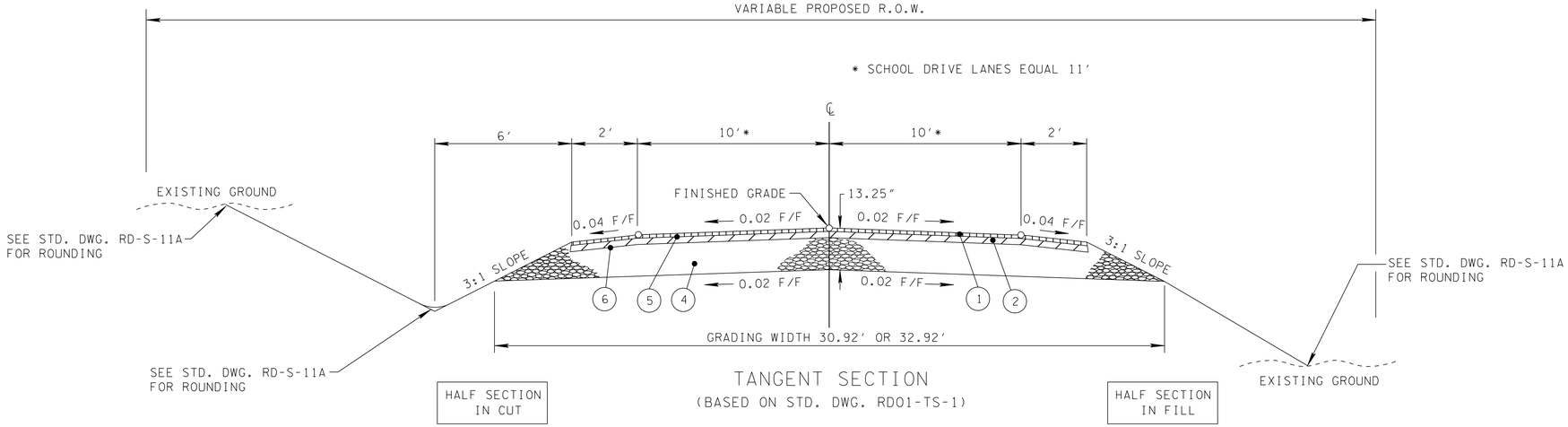
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2"I"

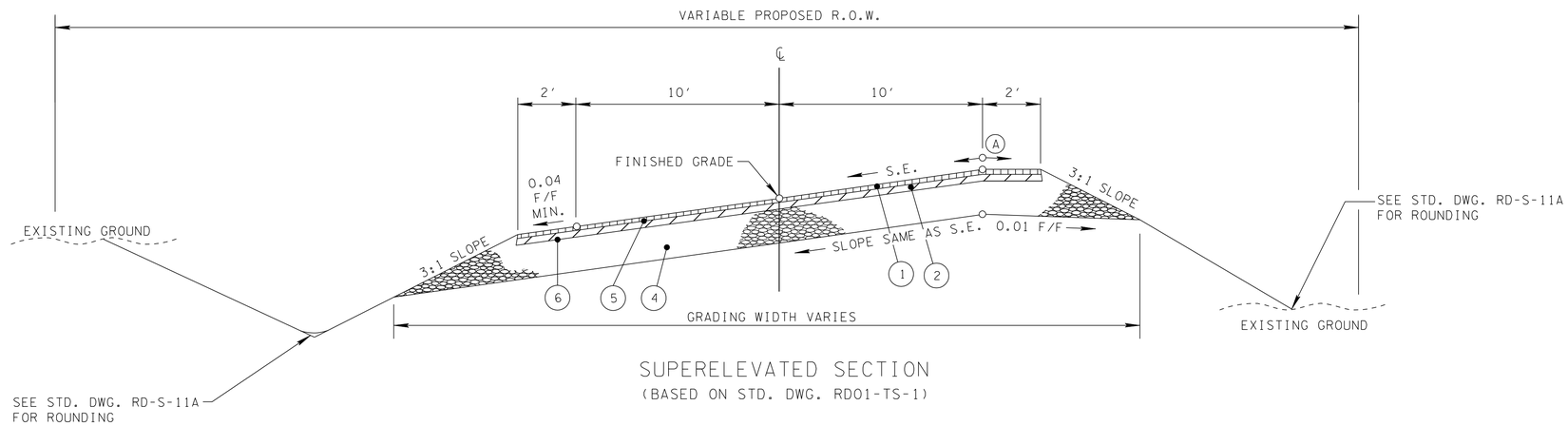


TANGENT SECTION

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

OPEL LOOP S. (LEFT) M.L. STA. 864+96.10 (SHT 5B)
OPEL LOOP N. (LEFT) M.L. STA. 868+46.33 (SHT 5B)
SCHOOL DR. (LEFT) M.L. STA. 885+68.94 (SHT 6B)
GEANS LN. (RIGHT) M.L. STA. 892+69.14 (SHT 7B)
STADIUM DR. (LEFT) M.L. STA. 903+33.09 (SHT 8B)

SEVIER ST. (LEFT) M.L. STA. 917+80.72 (SHT 9B)
BRAZELTON ST. (LEFT) M.L. STA. 923+47.63 (SHT 9B)
SOUTH ST. (LEFT) M.L. STA. 933+00.07 (SHT 10B)
NOLAN ST. (RIGHT) M.L. STA. 940+20.40 (SHT 10B)
CHERRY ST. (LEFT) M.L. STA. 945+00.00 (SHT 11B)



SUPERELEVATED SECTION

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

OPEL LOOP N. (LEFT) M.L. STA. 868+46.33 (SHT 5B)
BAKER RD. (RIGHT) M.L. STA. 904+00.00 (SHT 8B)
NOLAN ST. (RIGHT) M.L. STA. 940+20.40 (SHT 10B)
CHERRY ST. (LEFT) M.L. STA. 945+00.00 (SHT 11B)

(A) SHALL NOT EXCEED AN ALBERBRAIC DIFFERENCE OF 0.07 F/F

PROPOSED PAVEMENT SCHEDULE

(1) BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	(4) MINERAL AGGREGATE BASE @ 10.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
(2) BITUMINOUS COURSE (BINDER) @ 2.00" THICK (APPROX. 226 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	(5) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
(3) NOT USED	(6) PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8-12 LBS. / SQ YD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROADS TYPICAL SECTIONS

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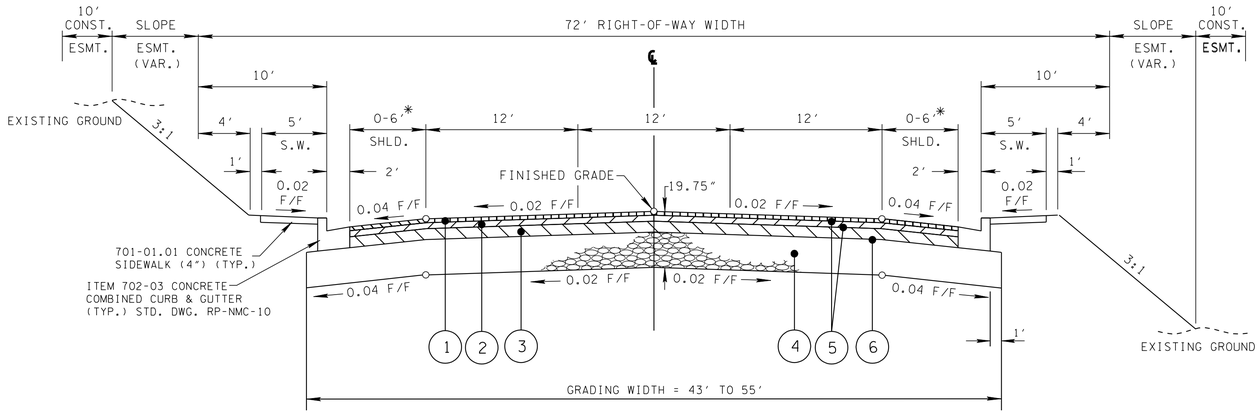
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2J



TANGENT SECTION

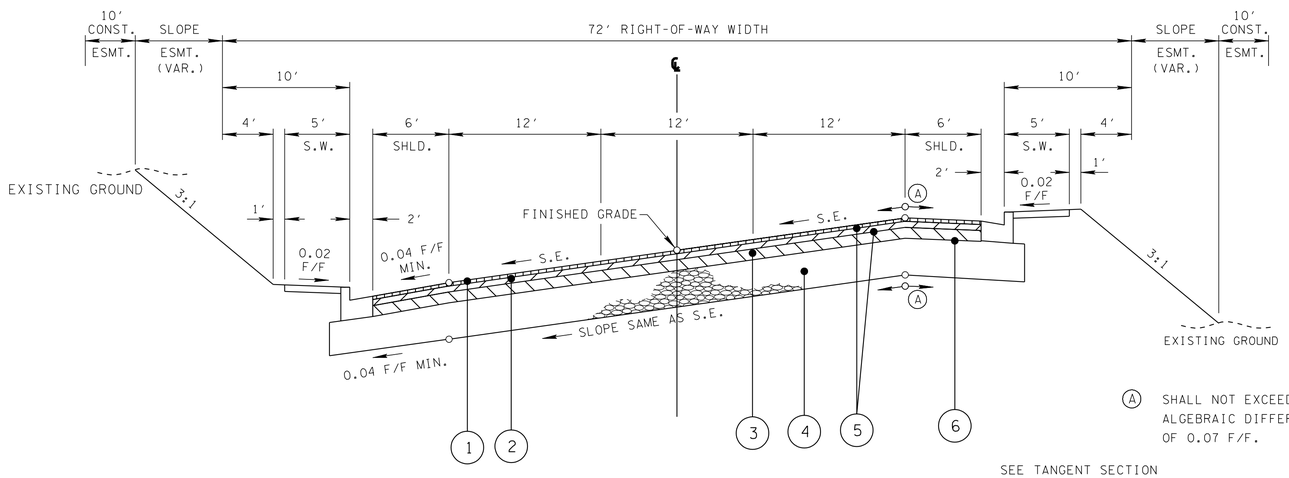
(BASED ON STD. DWG. RD-TS-7A & RD-TS-2)

WATER ST. (LEFT AND RIGHT) M.L. STA. 958+97.55

HALF SECTION IN CUT

HALF SECTION IN FILL

*SIX FOOT SHOULDER TO BE USED EAST OF STATE ROUTE 128



SUPERELEVATED SECTION

(BASED ON STD. DWG. RD-TS-7A & RD-TS-2)

WATER ST. (LEFT AND RIGHT) M.L. STA. 958+97.55

(A) SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 F/F.

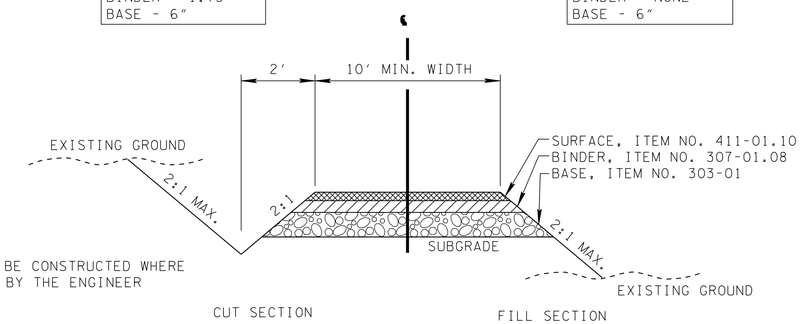
SEE TANGENT SECTION FOR ADDITIONAL DETAILS

BUSINESS

SURFACE - 1.25"
BINDER - 1.75"
BASE - 6"

FIELD OR RESIDENTIAL

SURFACE - 1.50"
BINDER - NONE
BASE - 6"



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION

PRIVATE DRIVE TO BUSINESS, FIELD, OR RESIDENTIAL PROPERTY

NOTES:

1. DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER.
2. WHERE SURFACE OF EXISTING DRIVE IS CONCRETE. SUBSTITUTE 6" CONCRETE FOR BASE AND SURFACE.
3. 12:1 SIDE SLOPES SHALL BE USED IN PAVED PARKING AREAS.
4. THIS SECTION APPLIES FROM THE BACK OF ANY PROPOSED/FUTURE SIDEWALK TO THE TOUCHDOWN POINT AT THE LIMIT OF CONSTRUCTION.

PROPOSED PAVEMENT SCHEDULE

① BITUMINOUS SURFACE (ROADWAY) @ 1.25" THICK (APPROX. 132.5 LB/SQ YD) ITEM 411-01.10 ACS MIX(PG64-22) GRADING D	⑤ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) @ 0.07 GAL/SQ YD
② BITUMINOUS COURSE (BINDER) @ 2.50" THICK (APPROX. 282.5 LB/SQ YD) ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	⑥ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL/SQ YD 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8-12 LBS. / SQ YD
③ BITUMINOUS BASE MIX @ 4.00" THICK (APPROX. 460 LB/SQ YD) ITEM 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	
④ MINERAL AGGREGATE BASE @ 12.00" THICK ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROADS TYPICAL SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2K

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.

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) 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 PIPES, CULVETS AND CONDUITS 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.

FENCING

(6) THE CONTRACTOR SHALL GIVE THE AFFECTED PROPERTY OWNERS TWO WEEKS NOTICE PRIOR TO CUTTING FENCES.

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

ROAD CLOSURE

(1) NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

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.

(2) WIDE (8 INCH) TEMPORARY PAVEMENT MARKING LINE WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.02 PAINTED PAVEMENT MARKING (8" BARRIER LINE), LIN. FT.

FINAL PAVEMENT MARKING IF 6" ENHANCED FLATLINE THERMOPLASTIC IS USED

(3) 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

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

(5) BEFORE OPENING THE LANE SHIFT(S) TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM 712-09.01 REMOVABLE PAVEMENT MARKING LINE, LIN. FT. 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.

(6) BEFORE OPENING THE LANE SHIFT(S) 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 PAVE IN THE DIRECTION OF TRAFFIC.

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

(3) 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

(1) 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.

(2) ON URBAN TYPICAL SECTIONS, (CURB AND GUTTER), RESIDENTIAL DRIVEWAYS AND BUSINESS ENTRANCES SHALL HAVE A MINIMUM WIDTH OF MATERIAL NOT LESS THAN ONE FOOT USED IN THE TRANSITION TO FEATHER THE PAVEMENT EDGE.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2L

GENERAL NOTES (CONT'D)

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

(3) 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.

(4) 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 ROOADWAY DESIGN DIVISION, SIGNING AND MARKING SECTION, SUITE 1300, J. K. POLK BUILDING, NASHVILLE, TN 37243-1402.

(5) 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.

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

(7) 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.

(8) 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

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 CITY OF SAVANNAH AND SHALL BE STOCKPILED AT A LOCATION DESIGNATED BY THE ENGINEER FOR PICKUP BY THE CITY OF SAVANNAH.

(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) SIGNAL HEADS SHALL FLASH A MINIMUM OF SEVEN (7) DAYS PRIOR TO ACTIVATION OF THE SIGNAL.

(6) THE CONTRACTOR SHALL CONTACT CITY OF SAVANNAH A MINIMUM OF THIRTY (30) DAYS PRIOR TO ACTIVATION OF THE SIGNAL TO OBTAIN THE INITIAL SIGNAL TIMINGS.

(7) 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.

(8) THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR SUPPLYING THE CONTRACTOR WITH AS BUILT SIGNAL PLANS AT THE PRE-CONSTRUCTION CONFERENCE. THESE PLANS WILL PROVIDE THE CONTRACTOR WITH THE DESIRED LOCATION FOR DETECTOR LOOP REPLACEMENT.

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

(10) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

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.

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

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

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

LIGHTING

(1) INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED MARCH 1, 2006 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRIC CODE, NFPA 70.

(2) ALL WIRING SHALL BE CONCEALED UNDERGROUND IN 2-INCH SCHEDULE 40 PVC RIGID CONDUIT.

(3) THE GROUND WIRE SHALL BE RUN INSIDE CONDUIT WITHIN STRUCTURES, SHALL BE COLORED GREEN AND HAVE THW INSULATION.

(4) EXISTING FOUNDATIONS TO BE REMOVED A MINIMUM OF SIX INCHES BELOW GRADE.

(5) ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED IN 714 ITEMS WHETHER SPECIFICALLY NOTED OR NOT.

(6) LIGHT STANDARDS SHALL BE ROUND TAPERED POLES. LENGTH SHALL BE DETERMINED BY REQUIRED MOUNTING HEIGHT.

(7) STANDARDS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

(8) STANDARDS SHALL BE DESIGNED FOR 80-MPH WIND PRESSURE AND SHALL SUPPORT A 62-POUND LUMINAIRE ON A 15-FOOT ARM.

(9) ALL NEW ROADWAY LIGHT STANDARDS SHALL BE MOUNTED ON BASES WITH ACCESS DOOR. TRANSFORMER BASES SHALL MEET AASHTO SPECIFICATIONS AND HAVE FHWA APPROVAL. STANDARDS SHALL BE ALUMINUM WITH TRANSFORMER BASES.

(10) BRACKET ARMS SHALL BE ROUND TAPERED TRUSS TYPE WITH STRAP MOUNTING AND LENGTHS AS SCHEDULED.

(11) BRACKET ARM UPSWEEP SHALL BE THE SAME FOR ALL LIGHT STANDARDS OF THE SAME TYPE.

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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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GENERAL NOTES (CONT'D)

SEDIMENT CONTROL

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

(2) 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.

(3) 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.

(4) 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.

(5) 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 ROOADWAY DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS.

(6) 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.

(7) 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.

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

STREAM/WETLAND

(9) 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.

(10) 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.

(11) 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.

(12) 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.

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

(14) 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.

(15) 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.

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

SPECIES

(17) 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

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

(19) 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.

(20) 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.

(21) 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.

(22) INSPECTION OF EPSC MEASURES SHALL BE DONE AT LEAST TWICE PER CALENDAR WEEK AT LEAST 72 HOURS APART. A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE/QUALITY CONTROL SITE ASSESSMENT OF EPSC SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION'S COMPREHENSIVE INSPECTION OFFICE GUIDELINES.

(23) 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.

(24) 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.

(25) 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

(26) 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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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GENERAL NOTES (CONT'D)

SWPPP, PERMITS, PLANS, RECORDS

(1) 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.

(2) 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, ROOADWAY 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.

(3) 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.

(4) 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 BREIF 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.

(5) 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 ROOADWAY DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

(6) 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.

(7) 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.

(8) 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.

(9) 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

(10) 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.

(11) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF TH E 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) SURFACE IS TO BE CROWNED AS DIRECTED BY THE ENGINEER.

(2) ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. COST TO BE INCLUDED IN ITEM NO. 712-06.

(3) IF THE CONTRACTOR ELECTS TO UTILIZE SIGN POST ANCHORS (STUBS) FOR SIGN ERECTION. THESE SHALL BE REMOVED WHEN THE SIGNS ARE REMOVED TO AVOID FUTURE DAMAGE TO MOWERS OR OTHER MACHINERY.

(4) UNDER THE DIRECTION OF THE ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO APPLY PAINTED MARKINGS IN THE PAVEMENT AREAS NOT SPECIFICALLY DETAILED IN THE PLANS. PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR ITEM NO. 716-05.01.

(5) UNDER THE DIRECTION OF THE ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO APPLY PLASTIC MARKINGS IN THE PAVEMENT AREAS NOT SPECIFICALLY DETAILED IN THE PLANS. PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR 716-SERIES ITEMS.

(6) THE CONTRACTOR SHALL PROPERLY ADJUST ALL MANHOLES, ALL UTILITY VALVE COVERS AND LIKE STRUCTURES TO THE FINISHED GRADE OF THE PAVEMENT. IF EXTENSION RINGS ARE USED. THEY WILL BE SPOT WELDED A MINIMUM OF FIVE TIMES. COST OF ADJUSTMENT IS TO BE INCLUDED IN ITEM 411-01, ADJUSTMENT IS TO BE MADE PRIOR TO THE LAYING OF ITEM 411-01.

(7) TAPER AROUND ALL CATCH BASINS.

(8) THE CONTRACTOR SHALL KEEP TWO TRAFFIC LANES, ONE IN EACH DIRECTION, OPEN TO TRAFFIC DURING NON-WORK HOURS / OR NON-WORK DAYS.

(9) THE CONSTRUCTION OFFICE SHOULD CONTACT THE CITY ENGINEER FOR ADVICE ON LOCATING THE ADVANCE DETECTION LOOPS.

(10) THE CONTRACTOR SHALL NOT DISTURB EXISTING LOOP DETECTORS WHILE BREAKING OUT AND REMOVING EXISTING PAVEMENTS.

(11) THE BITUMINOUS MATERIAL DESIGNATED TO RESTORE THE COLD PLANING AREA WILL BE PLACED WITHIN 48 HOURS OF THE COMMENCEMENT OF COLD PLANING OPERATIONS. COLD PLANING OPERATIONS WILL BE LIMITED TO AN AREA EQUAL TO THAT WHICH CAN BE COVERED WITH BITUMINOUS MATERIAL WITHIN THE TIME LIMITS SPECIFIED. EVEN IF COLD PLANING OPERATIONS MUST BE SUSPENDED UNTIL PAVING CATCHES UP.

(12) THE RAISED REFLECTOR SHALL BE REMOVED BEFORE COLD PLANING.

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 17, 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

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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SPECIAL NOTES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2P

ESTIMATED GRADING QUANTITIES

ROADWAY	STATION TO STATION	ROAD & DRAINAGE EXC. (UNCL.) C.Y.	BORROW EXCAVATION UNCL. C.Y.	BORROW EXCAVATION S. ROCK C.Y.	CHANNEL EXC. C.Y.	EXCESS EXC. C.Y.	EMB. C.Y.
SR-128MAINLINE	864+74 TO 962+19.17	20670	-3222				23892
OPEL LOOP N&S	18+50 T0 19+50,28+00 TO 29+50	354				354	0
SCHOOL DRIVE	37+50 TO 40+00	437				385	52
LACEFIELD DRIVE	47+25 TO 49+50	827				827	0
GEANS LANE	10+50 TO 12+00	363				363	0
EUREKA STREET	20+50 TO 22+00	35	-58				93
STADIUM DRIVE	26+00 TO 29+50	115	-1491				1606
BAKER ROAD	40+50 TO 43+00	383				383	0
RANCH STREET	50+00 TO 52+10	577				574	3
SEVIER STREET	8+00 TO 10+00	72				29	43
BRASELTON STREET	18+25 TO 20+00	171				162	9
LEWIS STREET	30+00 TO 32+50	585				585	0
SOUTH STREET	37+30 TO 39+50	1523				1523	0
HICKORY STREET	50+50 TO 51+10	59				59	0
NOLAN STREET	10+50 TO 14+50	1830				1830	0
CHERRY STREET	24+70 TO 29+50	553	-972				1525
MALCOM STREET	30+00 TO 31+00	0				0	0
WATER STREET	37+00 TO 45+75	1386				1187	199
TOTALS		**29940**	**-5743**	**0**	**0**	**8261**	**27422**

EARTHWORK BALANCE

EXCAV.			VS.	EMB.	
29,940	TOTAL EXC. (COMMON)		VS.	27,422 C.Y.	TOTAL EMB. REQUIRED
29,940 C.Y.	EXC. (COMMON) AVAIL. FOR BALANCE		VS.	27,422 C.Y.	EMB. REQUIRED
EXC.	(SHRINKAGE 30%)		VS.	EMB.	
29,940 C.Y.	/ 1.30		VS.	27,422	C.Y.
23,031	C.Y.		VS.	27,422	C.Y.
		27,422	C.Y.	EMB. REQUIRED	
		23,031	C.Y.	MINUS EXCAV. (W/30% SHRINKAGE)	
BORROW	=	4,391	C.Y.	UNADJUSTED	
		X 1.30			
ADJUSTED BORROW	=	5,708	C.Y.	REQUIRED	

PAVEMENT QUANTITIES

LOCATION	303-01 (TON) ALT. AA1	303-01 (TON) ALT. AA2	307-01.01 (TON)	307-01.02 (TON)	307-01.03 (TON)	307-01.08 (TON) ALT. AA1	307-01.08 (TON) ALT. AA2	309-01.01 (TON) ALT. AA2	309-01.02 (TON) ALT. AA2	309-02 (TON) ALT. AA2	402-01 (TON)	402-02 (TON)	403-01 (TON)	411-01.10 (TON)	411-01.07 (TON)	411-02.10 (TON)	701-02 (SF)
Transition																	
Mainline SR-128	45874.7	18349.9	12649.1	321.7	9577.6	8286.1	7250.3	21983.7	848.6	70.4	111.1	366.6	44.4	4718.9	135.1		
Opel Loop S.	312.0	312.0				66.5	66.5				0.9	2.9	0.3	39.0			
Opel Loop N.	414.0	414.0				87.0	87.0				1.2	2.8	0.4	51.0			
School Dr.	544.1	544.1				93.0	93.0				1.2	4.1	0.4	54.6			
Lacefield Dr.	481.9	481.9	125.5			102.8	102.8				1.4	4.5	0.5	60.3			
Geans Ln.	416.5	416.5				72.3	72.3				1.0	3.2	0.3	42.4			
Eureka St.	341.8	341.8	86.6			74.4	74.4				1.0	3.3	0.4	43.6			
Stadium Dr.	816.0	816.0				133.6	133.6				1.8	5.9	0.6	78.4			
Baker Rd.	634.9	634.9				106.9	106.9				1.4	4.7	0.5	62.7			
Ranch St.	354.2	354.2	88.9			76.4	76.4				1.0	3.4	0.4	46.8			
Sevier St.	428.0	428.0				74.4	74.4				1.0	3.3	0.4	43.6			
Brazelton St.	381.6	381.6				67.6	67.6				0.9	3.0	0.3	39.6			
Lewis St.	428.8	428.8	109.2			92.2	92.2				1.2	4.1	0.4	54.1			
South St.	567.2	567.2				96.1	96.1				1.3	4.3	0.5	56.3			
Hickory St.	203.1	203.1	52.4			48.0	48.0				0.6	2.1	0.2	28.1			
Nolan St.	919.0	919.0				149.8	149.8				2.0	6.6	0.7	87.8			
Malcolm St.	186.4	186.4	47.1			44.6	44.6				0.6	2.0	0.2	26.1			
Cherry St.	1081.7	1081.7				177.5	177.5				2.4	7.9	0.9	104.0			
Water St. (East)	2443.1	2443.1	744.0			456.9	456.9				4.9	16.2	4.1	213.0			
Water St. (West)	1045.9	1045.9	315.8			193.9	193.9				2.1	6.9	1.2	91.0			
Resurfacing													2.0	27.0		320.0	
Driveways	7281.5	7281.5				1892.4	1892.4							1489.1			4840.0
TOTALS	**65156.4**	**37631.6**	**14218.6**	**321.7**	**9577.6**	**12392.4**	**11356.6**	**21983.7**	**848.6**	**70.4**	**139.0**	**457.8**	**59.1**	**7457.4**	**135.1**	**320.0**	**4840.0**

SPECIAL DITCHES

ROAD	SIDE LT	SIDE RT	STATION FROM	STATION TO	SLOPE (1) FORE (H/V)	SLOPE (1) BOTTOM WIDTH (FT.)	SLOPE (1) BACK (H/V)	DETAIL NO.	TREATMENT DEPTH (D) ABOVE FLOW LINE	709-05.06 RIP-RAP (A-1) TONS	
SR 128	X		876+25	876+82	3:1	2	3:1	1	1.0	39.8	
SR 128	X		877+00	878+61	3:1	2	3:1	1	1.0	112.4	
SR 128	X		878+87	880+00	3:1	2	3:1	1	1.3	91.2	
SR 128		X	880+63	881+30	3:1	4	3:1	1	2.0	120.3	
SR 128		X	881+45	881+85	1:1	4	1:1	2	2.0	42.4	
TOTAL										**406.1**	

FOOTNOTE:
(1) REFER TO ROADWAY CROSS-SECTIONS.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20

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										REMARKS
								TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 12 611-12.03 8' - 12'	TYPE 12 611-12.04 12' - 16'	TYPE 12 611-12.05 16' - 20'	TYPE 12 611-12.06 20' - 24'	TYPE 14 611-14.02 4' - 8'	TYPE 14 611-14.03 8' - 12'	TYPE 16 611-16.02 4' - 8'	TYPE 16 611-16.03 8' - 12'	
5B	SR 128	865+75.00	34 LT	144	**456.27**	12	4.44		1									
5B	SR 128	866+01.00	34 RT	145	**456.39**	12	4.45		1									
5B	SR 128	868+00.00	34 RT	148	**453.90**	12	5.25		1									
5B	Opel Loop (North)	29+30.00	21 RT	150	**453.82**	12	4.68		1									
5B	SR 128	869+22.00	34 LT	151	**453.06**	12	5.08		1									
5B	SR 128	869+34.00	34 RT	152	**451.71**	12	4.62		1									
5B	SR 128	871+60.00	34 LT	153	**448.09**	12	4.51		1									
5B	SR 128	871+05.00	34 RT	154	**447.87**	12	4.50		1									
5B	SR 128	873+10.00	34 LT	155	**443.81**	12	4.28		1									
5B	SR 128	873+02.50	34 RT	156	**442.44**	12	4.25		1									
6B	SR 128	875+11.50	34 RT	157	**435.35**	12	11.72			1								
6B	SR 128	876+16.50	34 RT	160	**431.60**	12	11.48			1								
6B	SR 128	875+68.00	34 LT	161	**434.93**	12	4.25		1									
6B	SR 128	877+67.50	34 RT	162	**426.23**	12	7.03		1									
6B	SR 128	877+98.50	34 LT	163	**426.46**	12	4.26		1									
6B	SR 128	876+76.00	34 LT	164	**420.30**	12	7.08		1									
6B	SR 128	879+58.00	34 RT	165	**420.64**	12	7.63		1									
6B	SR 128	881+25.50	34 LT	166	**418.97**	16	9.30										1	
6B	SR 128	881+22.00	34 RT	167	**418.98**	16	9.25										1	
6B	SR 128	882+25.00	34 LT	168	**419.56**	12	5.88		1									
6B	SR 128	881+99.00	34 RT	169	**419.30**	12	5.94		1									
6B	SR 128	883+78.00	34 RT	170	**422.76**	12	5.90		1									
6B	SR 128	884+00.00	34 LT	171	**423.45**	12	5.89		1									
6B	School Dr.	39+14.00	21 LT	173	**429.82**	12	4.14		1									
6B	SR 128	885+73.00	34 RT	175	**430.29**	12	9.19			1								
6B	SR 128	866+57.00	34 LT	176	**433.65**	12	10.15			1								
7B	SR 128	887+58.00	34 RT	177	**437.34**	12	11.74			1								
7B	SR 128	888+75.00	34 LT	178	**441.13**	12	11.83			1								
7B	SR 128	889+55.00	34 RT	179	**443.44**	12	13.33				1							
7B	SR 128	890+75.00	34 LT	181	**446.65**	12	12.15				1							
7B	SR 128	891+77.00	34 RT	185	**448.54**	12	16.20					1						
7B	Lacefield Dr.	49+29.00	34 LT	190	**449.83**	12	6.33		1									
7B	SR 128	893+30.00	34 RT	194	**451.07**	12	17.26					1						
7B	Geans Ln.	10+69.00	20 LT	195	**449.63**	12	5.80		1									
7B	SR 128	893+35.00	34 LT	196	**452.41**	12	15.63				1							
7B	SR 128	894+39.00	34 LT	198	**453.58**	12	16.10					1						
7B	SR 128	895+21.00	34 LT	200	**454.20**	12	16.12					1						
7B	SR 128	895+00.00	34 RT	201	**452.72**	12	17.84					1						
7B	Eureka St.	21+03.00	23 RT	204	**452.70**	12	6.75		1									
7B	SR 128	897+82.00	34 LT	205	**454.53**	12	14.63				1							
7B	SR 128	898+10.50	34 RT	207	**453.07**	12	16.14					1						
7B	SR 128	899+77.00	34 LT	208	**453.55**	12	12.50				1							
8B	SR 128	900+18.00	34 RT	210	**451.99**	12	13.79				1							
8B	SR 128	902+22.00	34 RT	211	**450.93**	12	11.48			1								
8B	SR 128	902+78.00	34 RT	212	**450.64**	12	10.74			1								
8B	SR 128	902+45.00	34 LT	213	**452.15**	12	9.57			1								
8B	Stadium Dr.	29+15.00	21 RT	218	**451.11**	12	4.12		1									
8B	Baker Rd.	40+57.00	22.75 RT	221	**449.25**	12	4.25		1									
8B	Baker Rd.	40+81.50	25.2 LT	224	**449.10**	12	4.66		1									
8B	SR 128	904+77.00	34 LT	226	**450.95**	12	6.52		1									
8B	SR 128	904+94.00	34 RT	227	**449.51**	12	7.86		1									
8B	SR 128	905+91.00	20.00	229	**449.00**	12	6.70		1									
8B	SR 128	907+17.50	34 LT	230	**449.69**	12	3.88	1										
8B	SR 128	907+46.00	34 RT	231	**448.20**	12	4.96		1									
8B	SR 128	909+75.00	34 LT	234	**447.09**	12	3.88	1										
8B	SR 128	910+10.50	34 RT	235	**446.85**	12	3.88	1										
8B	SR 128	911+28.50	34 LT	238	**446.23**	12	4.03		1									
9B	SR 128	912+66.00	34 RT	239	**445.51**	16	6.11									1		
9B	Ranch St.	50+60.50	33.05 RT	242	**444.52**	12	4.69		1									
9B	SR 128	914+20.00	34 RT	246	**445.03**	12	7.03		1									
9B	SR 128	913+06.00	34 LT	247	**445.31**	12	4.54		1									
9B	SR 128	914+37.00	34 LT	249	**444.62**	12	4.70		1									
9B	SR 128	915+17.00	34 RT	250	**445.14**	14	8.14								1			
9B	SR 128	915+17.00	34 LT	251	**444.32**	14	5.30							1				
9B	SR 128	915+98.00	34 LT	252	**444.42**	12	6.02		1									
9B	SR 128	916+08.00	34 RT	255	**445.71**	12	9.41			1								
TOTALS (SHEET 1 OF 2)								**3**	**36**	**10**	**6**	**6**	**0**	**1**	**1**	**1**	**2**	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2R

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										REMARKS
								TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 12 611-12.03 8' - 12'	TYPE 12 611-12.04 12' - 16'	TYPE 12 611-12.05 16' - 20'	TYPE 12 611-12.06 20' - 24'	TYPE 14 611-14.02 4' - 8'	TYPE 14 611-14.03 8' - 12'	TYPE 16 611-16.02 4' - 8'	TYPE 16 611-16.03 8' - 12'	
9B	SR 128	917+09.00	34 LT	258	**444.40**	12	6.77		1									
9B	Sevier St.	9+16.50	21 LT	259	**443.73**	12	4.12		1									
9B	SR 128	917+83.00	34 RT	261	**446.10**	12	10.90			1								
9B	SR 128	918+93.00	34 LT	262	**444.64**	12	8.69			1								
9B	SR 128	920+21.00	34 RT	264	**446.40**	12	12.60				1							
9B	SR 128	920+50.00	34 LT	265	**444.85**	12	9.90			1								
9B	SR 128	921+61.50	34 LT	268	**444.99**	12	10.76			1								
9B	SR 128	923+35.00	20.00	270	**446.81**	12	14.81				1							
9B	Brazelton St.	19+07.50	21 LT	272	**444.28**	12	7.19		1									
9B	SR 128	924+43.00	34 LT	274	**445.25**	12	13.21				1							
10B	SR 128	925+83.50	34 LT	275	**444.94**	12	13.87				1							
10B	SR 128	926+23.00	34 RT	277	**446.37**	12	16.07					1						
10B	SR 128	927+25.00	34 LT	279	**444.35**	12	14.25				1							
10B	SR 128	928+27.00	34 RT	280	**444.18**	12	15.18				1							
10B	Lewis St.	330+81.50	34.25 LT	282	**441.64**	12	4.00	1										
10B	SR 128	930+01.50	34 LT	286	**441.65**	12	13.23				1							
10B	SR 128	930+78.00	34 RT	288	**440.68**	12	14.18				1							
10B	SR 128	932+17.50	34 LT	289	**438.39**	12	11.34			1								
10B	South St.	39+47.65	24.05 RT	291	**436.71**	12	5.38		1									
10B	SR 128	932+92.00	34 RT	293	**437.04**	12	12.54				1							
10B	SR 128	933+92.00	34 RT	296	**434.88**	12	11.48			1								
10B	Hickory St.	50+69.50	29.3 RT	298	**432.23**	12	5.73		1									
10B	SR 128	934+50.00	34 LT	302	**435.04**	12	10.59		1									
10B	SR 128	935+76.00	34 RT	303	**430.94**	12	9.44		1									
10B	SR 128	937+05.00	34 RT	306	**428.06**	12	8.06		1									
10B	SR 128	936+45.00	34 LT	307	**430.67**	12	8.07		1									
11B	SR 128	937+97.00	34 RT	309	**425.98**	12	7.23		1									
11B	SR 128	939+51.50	34 LT	310	**423.80**	12	6.38		1									
11B	Nolan St.	10+60.00	30.5 RT	313	**421.36**	12	5.96		1									
11B	SR 128	941+89.00	34 LT	318	**418.48**	12	6.38		1									
11B	SR 128	942+41.50	34 RT	320	**416.02**	12	7.92		1									
11B	SR 128	943+62.00	34 RT	322	**413.95**	12	8.20			1								
11B	SR 128	944+17.00	20.00	323	**413.45**	12	8.85			1								
11B	SR 128	944+02.00	34 LT	324	**413.89**	12	9.84			1								
11B	Malcom St.	30+58.50	30 RT	327	**412.54**	12	4.25		1									
11B	SR 128	29+31.35	31.7 RT	329	**412.38**	12	7.86		1									
11B	SR 128	945+25.05	34 LT	333	**413.24**	12	10.29			1								
11B	Malcom St.	30+58.70	24.80 LT	336	**412.60**	12	9.85			1								
11B	SR 128	946+12.00	34 RT	339	**413.92**	12	9.00			1								
11B	SR 128	946+16.00	34 LT	340	**414.37**	12	11.00			1								
11B	SR 128	948+80.00	34 RT	341	**417.97**	12	3.88	1										
11B	SR 128	948+97.00	34 LT	342	**418.23**	12	3.88	1										
12B	SR 128	950+03.00	34 RT	343	**419.86**	12	4.68		1									
12B	SR 128	950+57.50	34 RT	346	**420.70**	12	5.94		1									
12B	SR 128	951+07.00	34 LT	347	**421.46**	12	3.88	1										
12B	SR 128	953+08.00	34 LT	348	**424.19**	12	7.77		1									
12B	SR 128	954+43.00	34 LT	348A	**425.81**	12	23.68						1					
12B	SR 128	952+98.00	34 RT	349	**424.07**	12	3.00			1								
12B	SR 128	954+43.00	34 RT	349A	**425.81**	12	22.31						1					
12B	SR 128	955+15.00	34 RT	350	**426.92**	12	4.75		1									
12B	SR 128	955+19.00	34 LT	351	**427.00**	12	3.88	1										
12B	SR 128	956+36.00	34 RT	352	**429.50**	12	4.56		1									
12B	SR 128	957+04.00	34 RT	353	**430.52**	12	4.22		1									
12B	SR 128	956+74.00	34 LT	354	**431.79**	12	4.24		1									
12B	SR 128	958+26.50	34 LT	355	**434.67**	12	4.20		1									
12B	SR 128	960+35.00	34 LT	356	**438.30**	12	4.17		1									
12B	SR 128	959+68.00	34 RT	357	**436.82**	12	4.18		1									
12B	SR 128	961+55.00	34 LT	358	**440.95**	12	4.02		1									
12B	SR 128	961+67.00	34 RT	359	**441.22**	12	3.99	1										
12B	Water St.	40+93.75	40.55 RT	360	**432.50**	12	4.48		1									
12B	Water St.	41+52.00	26 RT	360A	**429.62**	12	4.48		1									
12B	Water St.	43+00.00	26 RT	361	**421.60**	12	4.25		1									
12B	Water St.	43+57.50	26 RT	362	**419.65**	12	6.85		1									
12B	Water St.	45+00.00	26 RT	363	**417.85**	12	6.60		1									
12B	Water St.	45+00.00	26 RT	364	**417.85**	12	7.35		1									
TOTALS (SHEET 2 OF 2)								**6**	**33**	**14**	**9**	**1**	**2**	**0**	**0**	**0**	**0**	
TOTALS (SHEET 1 OF 2)								**3**	**36**	**10**	**6**	**6**	**0**	**1**	**1**	**1**	**2**	
GRAND TOTALS								**9**	**69**	**24**	**15**	**7**	**2**	**1**	**1**	**1**	**2**	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2S

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

DROP INLETS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	TYPE 42 611-42.01 0' - 4'	TYPE 42 611-42.02 4' - 8'	TYPE 43 611-43.01 0' - 4'	TYPE 43 611-43.02 4' - 8'	TYPE 44 611-44.02 4' - 8'	TYPE 44 611-44.03 8' - 12'	REMARKS
5B	SR 128	867+99.00	57.8 RT	146	452.58	42	32 X 32	3.64	D-CB-42S	1						
5B	SR 128	869+33.50	60.5 RT	147	451.48	42	32 X 32	3.67	D-CB-42S	1						
6B	SR 128	875+11.00	64.6 RT	158	428.54	43	96 x 48	4.57	D-CB-43SB				1			
6B	SR 128	876+18.00	66.7 RT	159	425.04	43	96 x 48	4.57	D-CB-43SB				1			
6B	SR 128	885+73.00	47.7 RT	174	430.54	42	48 x48	3.88	D-CB-42SB	1						
7B	SR 128	879+55.00	47.5 RT	180	442.51	42	48 x48	3.88	D-CB-42SB	1						
7B	Lacefield Dr.	49+30.00	18.0 RT	183	447.09	42	32 X 32	2.96	D-CB-42S	1						
7B	Gean's Lane	11+04.00	18.0 RT	187	448.62	42	48 x48	3.88	D-CB-42SB	1						
7B	Lacefield Dr.	48+92.00	18.0 LT	188	447.73	42	32 X 32	2.96	D-CB-42S	1						
7B	Lacefield Dr.	49+12.00	53.61 LT	189	451.00	42	48 x48	3.88	D-CB-42SB	1						
7B	Gean's Lane	11+20.00	18.0 LT	191	449.00	42	48 x48	4.42	D-CB-42SB		1					
7B	SR 128	893+35.40	45.5 LT	192	451.80	42	48 x48	3.88	D-CB-42SB	1						
7B	SR 128	894+39.00	47.0 LT	197	452.80	42	48 x48	3.88	D-CB-42SB	1						
7B	SR 128	895+21.00	48.0 LT	199	452.70	42	48 x48	3.88	D-CB-42SB	1						
7B	Eureka St.	21+03.00	23.0 RT	202	450.74	42	48 x48	3.88	D-CB-42SB	1						
7B	SR 128	898+02.00	48.8 RT	206	451.40	42	48 x48	3.88	D-CB-42SB	1						
8B	SR 128	900+19.00	46.3 RT	209	451.00	42	48 x48	3.88	D-CB-42SB	1						
8B	SR 128	902+23.00	45.0 RT	214	450.80	42	48 x48	3.88	D-CB-42SB	1						
8B	SR 128	902+78.50	43.8 RT	215	450.90	42	48 x48	3.88	D-CB-42SB	1						
8B	Baker Rd.	40+75.00	43.8 RT	216	448.48	42	32 X 32	2.96	D-CB-42S	1						
8B	Baker Rd.	40+52.00	94.6 RT	220	450.50	42	48 x48	6.10	D-CB-42SB		1					
8B	SR 128	904+95.00	45.8 RT	222	449.50	42	48 x48	3.88	D-CB-42SB	1						
8B	Baker Rd.	41+13.00	18.0 LT	223	448.44	42	32 X 32	2.96	D-CB-42S	1						
8B	SR 128	905+91.00	43.6 RT	228	449.00	42	48 x48	3.88	D-CB-42SB	1						
8B	SR 128	907+46.50	43.3 RT	232	448.45	42	32 X 32	2.96	D-CB-42S	1						
8B	SR 128	909+64.50	47.0 LT	233	446.60	42	32 X 32	2.96	D-CB-42S	1						
8B	SR 128	910+11.00	44.3 RT	236	446.80	42	32 X 32	2.96	D-CB-42S	1						
8B	SR 128	911+28.50	47.0 LT	237	445.90	42	32 X 32	2.96	D-CB-42S	1						
9B	SR 128	912+52.50	48.0 RT	240	443.75	43	96 x 48	3.88	D-CB-43SB			1				
9B	Ranch St.	50+85.50	21.0 RT	241	443.09	42	32 X 32	2.96	D-CB-42S	1						
9B	Ranch St.	50+90.00	21.0 LT	244	443.18	42	32 X 32	2.96	D-CB-42S	1						
9B	SR 128	913+06.00	47.4 LT	248	444.70	42	32 X 32	2.96	D-CB-42S	1						
9B	SR 128	915+98.00	46.5 LT	253	443.75	42	32 X 32	2.96	D-CB-42S	1						
9B	SR 128	916+08.00	53.0 RT	254	442.88	42	48 x48	3.88	D-CB-42SB	1						
9B	SR 128	917+83.00	52.5 RT	256	443.50	42	48 x48	3.88	D-CB-42SB	1						
9B	SR 128	917+31.50	53.0 LT	257	443.16	42	32 X 32	3.67	D-CB-42S	1						
9B	SR 128	918+95.00	50.0 LT	263	441.98	42	32 X 32	3.67	D-CB-42S	1						
9B	SR 128	920+50.00	50.0 LT	266	443.19	42	32 X 32	3.67	D-CB-42S	1						
9B	SR 128	921+63.00	49.0 LT	267	443.62	43	96 x 48	4.59	D-CB-43SB				1			
9B	Brazelton St.	18+57.00	18 LT	269	442.12	42	32 X 32	3.67	D-CB-42S	1						
9B	Brazelton St.	18+46.50	18 RT	271	442.15	42	48 x48	4.39	D-CB-42SB		1					
TOTALS (SHEET 1 OF 2)										**34**	**3**	**1**	**3**	**0**	**0**	

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DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2T

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

DROP INLETS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	TYPE 42 611-42.01 0' - 4'	TYPE 42 611-42.02 4' - 8'	TYPE 43 611-43.01 0' - 4'	TYPE 43 611-43.02 4' - 8'	TYPE 44 611-44.02 4' - 8'	TYPE 44 611-44.03 8' - 12'	REMARKS
10B	SR 128	926+30.00	46.7 RT	276	445.36	42	48 x48	3.88	D-CB-42SB	1						
10B	SR 128	927+25.00	44.50 LT	278	444.00	43	96 x 48	4.58	D-CB-43SB				1			
10B	SR 128	928+56.00	52.0 RT	283	443.40	43R	96	6.09	D-CB-43R				1			
10B	Lewis St.	30+67.00	18 LT	284	440.41	42	48 x48	4.08	D-CB-42SB		1					
10B	SR 128	930+78.00	45.3 RT	287	440.38	43	96 x 48	4.91	D-CB-43SB				1			
10B	South St.	39+26.50	34.0 RT	290	435.28	42	32 X 32	3.67	D-CB-42S	1						
10B	South St.	38+96.00	20.0 LT	294	435.69	42	32 X 32	3.67	D-CB-42S	1						
10B	SR 128	934+10.00	51.4 RT	299	433.92	43	96 x 48	4.91	D-CB-43SB				1			
10B	Hickory St.	51+02.00	22 RT	300	430.72	42	48 x48	3.88	D-CB-42SB	1						
10B	SR 128	934+50.00	42.50 LT	301	435.12	43	96 x 48	4.58	D-CB-43SB				1			
10B	SR 128	935+77.00	47.8 RT	304	430.48	43	96 x 48	5.71	D-CB-43SB				1			
10B	SR 128	937+05.00	48.6 RT	305	427.25	43	96 x 48	5.71	D-CB-43SB				1			
11B	SR 128	937+97.00	46.8 RT	308	425.85	44	108 x 108	6.54	D-CB-44SE					1		
11B	SR 128	939+49.50	46.9 RT	312	422.35	44	108 x 108	7.65	D-CB-44SE					1		
11B	Nolan St.	10+93.00	18.0 RT	314	419.66	43	96 x 48	3.88	D-CB-43SB			1				
11B	Nolan St.	10+60.00	18.0 LT	315	419.31	43	96	4.29	D-CB-43R				1			
11B	SR 128	940+57.00	52.0 RT	316	420.25	42	48 x48	5.67	D-CB-42SB		1					
11B	SR 128	942+42.50	46.3 RT	319	415.38	44	108 x 108	6.54	D-CB-44SE					1		
11B	SR 128	943+61.00	50.5 RT	321	412.25	43	96 x 48	3.88	D-CB-43SB			1				
11B	SR 128	944+02.00	72 LT	325	408.58	43	96 x 48	4.08	D-CB-43SB				1			
11B	Cherry St.	29+23.00	18.0 LT	331	411.66	43	96 x 48	5.24	D-CB-43SB				1			
11B	SR 128	945+80.30	51.1 LT	332	410.40	44	108 x 108	12.21	D-CB-44SE						1	
11B	Malcom St.	30+95.00	38.5 LT	335	412.17	44	108 x108	9.17	D-CB-44SE						1	
11B	SR 128	946+11.00	46.2 RT	338	413.34	42	48 x48	3.88	D-CB-42SB		1					
12B	SR 128	950+04.50	45.0 RT	344	419.30	43	96 x 48	3.88	D-CB-43SB			1				
12B	SR 128	950+57.50	46.0 RT	345	420.25	43	96 x 48	3.88	D-CB-43SB			1				
12B	Water St.	43+57.50	43.5 LT	365	417.00	42	48 x48	3.88	D-CB-42SB		1					
TOTALS (THIS SHEET)										**4**	**4**	**4**	**10**	**3**	**2**	
TOTALS (SHEET 1 OF 2)										**34**	**3**	**1**	**3**	**0**	**0**	
GRAND TOTALS										**38**	**7**	**5**	**13**	**3**	**2**	

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DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2U

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

MANHOLES

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS					
											TYPE 3 611-01.02 4' - 8'	TYPE 3 611-01.03 8' - 12'	TYPE 3 611-01.04 12' - 16'	TYPE 3 611-01.05 16' - 20'	
5B	SR 128	868+13.37	34.00 LT	149	454.13	3	62 x 62	5.45	D-MH-5		1				
6B	SR 128	886+07.26	34.88 LT	172	431.86	3	62 x 62	9.72	D-MH-5			1			
7B	SR 128	891+27.03	35.46 LT	182	448.64	3	62 x 62	13.66	D-MH-5				1		
7B	SR 128	891+90.81	36.88 LT	184	450.31	3	62 x 62	14.79	D-MH-5				1		
7B	SR 128	892+28.73	35.09 RT	186	449.63	3	62 x 62	16.82	D-MH-5					1	
7B	SR 128	892+83.84	37.46 RT	193	450.52	3	62 x 62	17.19	D-MH-5					1	
7B	SR 128	896+96.65	32.21 RT	203	453.53	3	62 x 62	17.42	D-MH-5					1	
8B	SR 128	902+92.76	34.39 LT	217	452.07	3	62 x 62	9.07	D-MH-5			1			
8B	SR 128	903+70.01	34.04 RT	219	450.33	3	62 x 62	9.78	D-MH-5			1			
8B	SR 128	904+43.03	35.00 RT	225	449.94	3	62 x 62	8.77	D-MH-5			1			
9B	SR 128	913+05.92	33.05 RT	243	445.47	3	62 x 62	6.49	D-MH-5		1				
9B	SR 128	913+68.78	32.71 RT	245	445.21	3	62 x 62	6.77	D-MH-5		1				
9B	SR 128	918+12.60	35.54 LT	260	444.70	3	62 x 62	7.82	D-MH-5		1				
9B	SR 128	923+88.97	38.15 LT	273	445.43	3	62 x 62	12.86	D-MH-5				1		
10B	SR 128	928+78.36	34.03 RT	281	443.60	3	62 x 62	15.43	D-MH-5				1		
10B	SR 128	929+47.93	36.98 RT	285	442.39	3	62 x 62	14.89	D-MH-5				1		
10B	SR 128	932+84.78	35.11 LT	292	437.54	3	62 x 62	11.26	D-MH-5			1			
10B	SR 128	933+51.12	35.63 LT	295	436.89	3	62 x 62	11.36	D-MH-5			1			
10B	SR 128	934+39.10	33.91 RT	297	434.17	3	62 x 62	11.29	D-MH-5			1			
11B	SR 128	939+69.45	31.53 RT	311	422.29	3	62 x 62	8.96	D-MH-5			1			
11B	SR 128	940+46.54	32.57 RT	317	420.53	3	62 x 62	8.63	D-MH-5			1			
11B	SR 128	944+57.75	34.93 RT	326	413.42	3	62 x 62	9.64	D-MH-5			1			
11B	SR 128	944+55.26	32.42 LT	328	413.41	3	62 x 62	9.85	D-MH-5			1			
TOTALS											4	11	5	3	

PROPOSED SHEET PILES

SHEET NO.	LOCATION	LT	CL	RT	LEFT OF STRUCTURE (S.F.)	RIGHT OF STRUCTURE (S.F.)	TOTAL LT & RT 606-24.10 (S.F.)	FOOTNOTES	REMARKS
7B	SR 128, 892+46 TO 896+19	X			6730	6730	13460	(1), (2)	CB#'S 196,198,200
7B	SR 128, 890+82 TO 899+11			X	18855	18855	37710	(1), (2)	CB#'S 185,194,201,207 MH#'S 186,193,203
12B	SR 128, 954+43		X		6400	6400	12800	(2)	12' X 10' BOX CULVERT
TOTALS							63970		

FOOTNOTE:
(1) SHEET PILES ARE PROPOSED FOR STORM SEWER STRUCTURE DEPTHS > 15'.
(2) HEIGHT OF SHEET PILES ARE BASED ON EXISITNG GROUND ELEVATION - FLOW LINE ELEVATION + 50 PERCENT WITH A 4:1 TAPER AT EACH.

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DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2V

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

STORM SEWER PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III OR PVC OR HDPE / PP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	42" (1)	54" (1)	RCP CLASS III OR PVC OR HDPE (L.F.) FILL HEIGHT > 10 FT. AND < OR = 16 FT. 18"	24"	30"	36"	42" (1)
5B	144	451.83	149	448.90	1.24%	236										
5B	145	451.94	148	448.79	1.59%	198										
5B	146	448.91	148	448.79	0.50%	24										
5B	147	447.81	152	447.26	1.96%	28										
5B	148	448.62	152	447.26	1.01%	134										
5B	149	448.68	151	448.15	0.51%	104										
5B	150	449.14	149	448.90	0.50%	48										
5B	151	447.98	153	443.75	1.78%	237										
5B	152	447.09	154	443.54	2.10%	169										
5B	153	443.58	155	439.70	2.57%	151										
5B	154	443.37	156	438.36	2.54%	197										
5B	155	439.53	161	430.85	3.35%	259										
5B	156	438.19	157	423.80	6.92%	208										
6B	157	423.63	160	420.29	3.21%		104									
6B	158	423.97	157	423.80	0.52%	33										
6B	159	420.47	160	420.29	0.51%	35										
6B	160	420.12	162	419.37	0.50%		150									
6B	161	430.68	163	422.37	3.58%	232										
6B	162	419.20	165	413.18	3.17%		190									
6B	163	422.20	164	413.39	4.95%	178										
6B	164	413.22	370	406.12	8.45%	84										
6B	165	413.01	371	405.79	7.76%		93									
6B	166	409.67	372	406.12	6.12%				58							
6B	167	409.73	373	405.79	5.88%				67							
6B	168	413.68	166	410.00	3.79%				97							
6B	169	413.36	167	410.06	4.13%				80							
6B	170	416.86	169	413.53	1.92%				173							
6B	171	417.56	168	413.85	2.12%				175							
6B	172	422.14	171	417.73	2.13%				207							
6B	173	425.68	172	424.68	1.96%	51										
6B	174	426.66	175	425.87	4.94%	16										
6B	175	421.10	170	417.03	2.09%				195							
6B	176	423.50	172	422.36	2.28%				50							
6B	177	425.60	175	421.27	2.34%				185							
6B	178	429.30	176	423.67	2.58%				218							
7B	179	430.11	177	425.77	2.20%										197	
7B	180	438.63	179	437.84	4.94%	16										
7B	181	434.50	178	429.47	2.59%				194							
7B	182	434.98	181	434.67	0.53%										58	
7B	183	444.13	182	443.20	2.38%	39										
7B	184	435.52	182	435.20	0.50%										64	
7B	185	432.34	179	430.28	0.93%										222	
7B	186	432.81	185	432.51	0.58%										52	
7B	187	444.74	186	444.00	1.17%	63										
7B	188	444.77	190	443.67	2.75%	40										
7B	189	447.12	190	443.67	12.32%	28										
7B	190	443.50	184	442.24	5.73%	22										
7B	191	444.58	195	444.00	1.21%	48										
7B	192	447.92	196	447.13	5.64%	14										
7B	193	433.33	186	433.03	0.55%										55	
7B	194	433.81	193	433.55	0.55%										47	
7B	195	443.83	193	443.00	2.31%	36										
7B	196	436.78	184	436.02	0.52%									145		
7B	197	448.92	198	448.13	5.27%	15										
7B	198	437.48	196	436.95	0.51%										104	
7B	199	448.82	200	448.03	4.65%	17										
7B	200	438.08	198	437.65	0.52%									83		
7B	201	434.88	194	433.98	0.54%										168	
7B	202	446.86	204	446.12	2.39%	31										
7B	203	436.11	201	435.05	0.54%										196	
7B	204	445.95	203	444.95	2.70%	37										
TOTALS THIS COLUMN						3028	537	0	1699	0	0	0	0	228	1163	0

STORM SEWER PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III OR PVC OR HDPE / PP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	42" (1)	54" (1)	RCP CLASS III OR PVC OR HDPE (L.F.) FILL HEIGHT > 10 FT. AND < OR = 16 FT. 18"	24"	30"	36"	42" (1)
7B	205	439.90	200	438.58	0.50%								262			
7B	206	447.52	207	446.73	4.16%	19										
7B	207	436.93	203	436.33	0.53%									113		
7B	208	441.05	205	440.07	0.50%								196			
7B	210	438.20	207	437.10	0.53%									206		
7B	213	442.58	208	441.22	0.51%		269									
8B	209	447.12	210	446.33	5.64%	14										
8B	211	439.45	210	438.37	0.53%									203		
8B	212	439.90	211	439.62	0.51%			55								
8B	214	446.92	211	446.13	6.08%	13										
8B	215	447.02	212	446.23	6.58%	12										
8B	216	445.52	221	445.17	1.84%	19										
8B	217	443.00	213	442.75	0.52%		48									
8B	218	446.99	217	446.73	0.50%	52										
8B	219	440.55	212	440.07	0.52%			92								
8B	220	444.40	219	443.60	4.21%	19										
8B	221	445.00	220	444.57	2.15%	20										
8B	222	445.62	227	443.40	15.86%	14										
8B	223	445.48	224	444.61	2.81%	31										
8B	224	444.44	225	443.61	1.98%	42										
8B	225	441.17	219	440.77	0.55%			73								
8B	226	444.43	217	443.50	0.50%	185										
8B	227	441.65	225	441.39	0.51%			51								
8B	228	445.12	229	444.05	8.92%	12										
8B	229	442.30	227	441.82	0.50%			96								
8B	230	445.81	226	444.60	0.50%	242										
8B	231	443.24	229	442.47	0.50%			154								
8B	232	445.49	231	444.49	9.09%	11										
8B	233	443.64	234	443.38	1.73%	15										
8B	236	443.84	235	443.14	5.83%	12										
8B	237	442.94	238	442.37	3.80%	15										
8B	234	443.21	238	442.37	0.51%	164										
8B	235	442.97	239	441.25	0.67%	256										
8B	238	442.20	247	441.27	0.52%	178										
8B	240	439.87	239	439.73	0.61%	23										
9B	241	440.13	242	440.00	0.50%	26										
9B	242	439.83	243	439.65	0.62%	29										
9B	239	439.40	243	439.20	0.50%			40								
9B	244	440.22	245	439.90	0.56%	57										
9B	243	438.98	245	438.66	0.51%			63								
9B	245	438.44	246	438.17	0.53%			51								
9B	248	441.74	247	441.43	2.07%	15										
9B	247	440.77	249	440.09	0.52%		130									
9B	246	438.00	250	437.50	0.53%			95								
9B	249	439.92	251	439.52	0.52%		77									
9B	250	437.00	255	436.47	0.59%				90							
9B	251	439.02	252	438.57	0.58%			78								
9B	252	438.40	258	437.80	0.55%			109								
9B	253	440.79	252	440.70	0.60%	15										
9B	254	439.00	255	438.77	1.10%	21										
9B	255	436.30	261	435.37	0.53%				177							
9B	256	439.62	261	437.89	9.11%	19										
9B	257	439.49	258	439.34	0.48%	31										
9B	258	437.63	260	437.10	0.51%			103								
9B	259	439.61	260	438.66	1.98%	48										
9B	260	436.88	262	436.45	0.54%			80								
9B	261	435.20	264	433.97	0.51%				242							
9B	262	435.95	265	435.12	0.52%				160							
9B	263	438.31	262	438.09	1.22%	18										
9B	264	433.80	270	432.17	0.51%									317		
9B	265	434.95	268	434.40	0.52%				106							
9B	266	439.52	265	437.12	13.33%	18										
9B	267	439.03	268	436.42	15.35%	17										
TOTALS THIS COLUMN						1682	524	1140	775	0	0	0	458	522	317	0
TOTALS (SHEET 1 OF 2)						4710	1061	1140	2474	0	0	0	458	750	1480	0

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2W

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

STORM SEWER PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III OR PVC OR HDPE / PP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	42" (1)	54" (1)	RCP CLASS III OR PVC OR HDPE (L.F.) FILL HEIGHT > 10 FT. AND < OR = 16 FT. 18"	24"	30"	36"	42" (1)
9B	268	434.23	273	433.07	0.52%				224							
9B	269	438.45	271	437.93	1.41%	37										
9B	270	432.00	277	430.47	0.53%										290	
9B	271	437.76	272	437.26	0.82%	61										
9B	272	437.09	273	435.14	3.82%	51										
9B	273	432.57	274	432.21	0.68%					53						
9B	274	432.04	275	431.24	0.58%											139
10B	275	431.07	279	430.27	0.58%											138
10B	276	441.48	277	440.69	5.27%	15										
10B	277	430.30	280	429.17	0.55%										207	
10B	278	439.42	279	438.50	11.50%	8										
10B	279	430.10	286	428.59	0.56%											272
10B	280	429.00	281	428.67	0.65%										51	
10B	281	428.17	285	427.72	0.64%											70
10B	282	437.64	283	437.48	0.50%	32										
10B	283	437.31	281	437.17	0.50%	28										
10B	284	436.33	285	435.33	3.13%	32										
10B	285	427.50	288	426.67	0.66%											125
10B	286	428.42	289	427.22	0.56%					216						
10B	287	435.47	288	434.47	7.69%	13										
10B	288	426.50	293	424.67	0.84%											219
10B	289	427.05	292	426.50	0.82%					67						
10B	290	431.61	291	431.50	0.52%	21										
10B	291	431.33	292	429.68	7.86%	21										
10B	292	426.28	295	425.75	0.80%					66						
10B	293	424.50	296	423.57	0.88%					106						
10B	294	432.02	295	429.18	4.58%	62										
10B	295	425.53	302	424.62	0.91%					100						
10B	296	423.40	297	423.10	0.75%					40						
10B	297	422.88	303	421.67	0.89%					136						
10B	298	426.50	297	426.35	0.50%	30										
10B	299	429.01	296	428.62	1.77%	22										
10B	300	426.84	298	426.67	0.50%	34										
10B	301	430.54	302	428.51	18.45%	11										
10B	302	424.45	307	422.77	0.87%					194						
10B	303	421.50	306	420.17	1.04%					128						
10B	304	424.77	303	424.67	0.67%	15										
10B	305	421.54	306	421.40	0.82%	17										
10B	306	420.00	309	418.92	1.20%					90						
10B	307	422.60	310	417.59	1.64%					306						
11B	308	419.31	309	419.01	2.50%	12										
11B	309	418.75	311	413.55	3.06%					170						
11B	310	417.42	318	412.27	2.15%					239						
11B	311	413.33	317	412.12	1.57%					77						
11B	312	414.70	311	414.55	0.60%	25										
11B	313	415.40	312	415.20	0.56%	36										
11B	314	415.78	313	415.57	0.58%	36										
11B	315	415.02	316	414.75	0.66%	41										
11B	316	414.58	317	414.05	2.41%	22										
11B	317	411.90	320	408.27	1.87%					194						
11B	318	412.10	324	404.22	3.68%					214						
11B	319	408.84	320	408.77	0.50%	14										
11B	320	408.10	322	405.92	1.82%					120						
11B	321	408.37	322	408.25	0.63%	19										
11B	322	405.75	323	404.77	1.78%					55						
11B	323	404.60	326	404.00	1.46%					41						
11B	324	404.05	328	403.78	0.50%					54						
11B	325	404.50	324	404.30	0.50%	40										
11B	326	403.78	336	402.92	1.39%					62						
11B	327	408.29	326	408.00	1.21%	24										
11B	328	403.56	333	403.12	0.61%					72						
11B	329	404.52	328	403.86	2.00%	33										
11B	331	406.42	333	406.00	1.45%	29										
11B	333	402.95	332	402.00	1.76%					54						
TOTALS THIS COLUMN						**841**	**0**	**0**	**224**	**2854**	**0**	**0**	**0**	**0**	**548**	**963**

STORM SEWER PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	RCP CLASS III OR PVC OR HDPE / PP (L.F.) FILL HEIGHT < OR = 10 FT. 18"	24"	30"	36"	42" (1)	54" (1)	RCP CLASS III OR PVC OR HDPE (L.F.) FILL HEIGHT > 10 FT. AND < OR = 16 FT. 18"	24"	30"	36"	42" (1)
11B	334	403.90	335	403.80	0.62%						16					
11B	336	402.75	374	401.20	5.96%					26						
11B	339	404.92	375	402.00	6.08%	48										
11B	338	409.46	339	409.32	1.00%	14										
11B	340	403.37	332	399.00	6.62%							66				
11B	341	414.09	339	405.09	3.38%	266										
11B	342	414.35	340	403.54	4.32%	250										
11B	343	415.18	346	414.93	0.50%	50										
11B	347	417.58	348	416.59	0.50%	200										
12B	344	415.42	343	415.35	0.50%	14										
12B	345	416.37	346	416.30	0.50%	14										
12B	346	414.76	349	413.58	0.50%	238										
12B	348	416.42	348A	415.77	0.49%	132										
12B	349	413.41	349A	412.71	0.49%							142				
12B	350	422.17	349A	421.00	1.72%	68										
12B	351	423.12	348A	421.33	2.49%	72										
12B	352	424.94	350	422.34	2.20%	118										
12B	353	426.30	352	425.11	1.49%	80										
12B	354	427.55	351	423.29	2.73%	156										
12B	355	430.47	354	427.72	1.74%	158										
12B	356	434.13	355	430.64	1.66%	210										
12B	357	432.64	353	426.47	2.38%	259										
12B	358	436.93	356	434.30	2.19%	120										
12B	359	437.23	357	432.81	2.22%	199										
12B	360	428.02	360A	425.31	4.84%	56										
12B	360A	425.14	361	417.52	5.37%	142										
12B	361	417.35	364	412.14	2.63%	198										
12B	362	412.80	363	411.50	0.92%	142										
12B	363	411.25	364	410.80	0.94%		48									
12B	364	410.50	367	409.00	3.19%		47									
12B	365	413.12	362	413.00	0.75%	16										
TOTALS THIS COLUMN						**3220**	**95**	**0**	**0**	**26**	**16**	**208**	**0**	**0**	**0**	**0**
TOTALS (SHEET 2 OF 2)						**4061**	**95**	**0**	**224**	**2880**	**16**	**208**	**0**	**0**	**548**	**963**
TOTALS (SHEET 1 OF 2)						**4710**	**1061**	**1140**	**2474**	**0**	**0**	**0**	**458**	**750**	**1480**	**0**
GRAND TOTALS						**8771**	**1156**	**1140**	**2698**	**2880**	**16**	**208**	**458**	**750**	**2028**	**963**

FOOTNOTE:
(1) THE MAXIMUM PIPE DIAMETER FOR PVC (POLY VINYL CHLORIDE) OR PP (POLY PROPYLENE) IS 36".

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2X

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

STORM SEWER ENDWALLS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	ELEV.	END TREATMENT					REMARKS
						TYPE	STANDARD DRAWING	24 IN. ENDWALL 3:1 611-07.57 (EA.)			
12B	WATER ST	45+00	71.0 RT	367	409.00	3U	D-PE-24A	1			
TOTALS								1			

JUNCTION BOXES

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS		
											TYPE 5 611-02.14	
11B	SR 128	945+25.85	128.6' RT	334	411.50	5	108 X 108	7.60	D-JBS-5		1	
TOTALS											1	

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE		STATION		GUARDRAIL		TERMINAL ANCHORS			REMARKS
		LT	RT	FROM	TO		SINGLE TYPE 2 705-02.02 (L.F.)		TYPE IN-LINE 705-04.05 (EACH)	TYPE 38 705-04.07 (EACH)	
6B	SR 128		x	877+53.74	881+29.52		325.78		1	1	
6B	SR 128	x		878+05.71	878+69.05		13.34		1	1	
6B	SR 128	x		878+81.35	880+17.49		136.14		2		
6B	SR 128	x		880+39.90	881+83.48		143.58		2		
6B	SR 128	x		882+15.86	883+52.56		86.70		1	1	
6B	SR 128		x	881+42.72	882+02.08		59.36		2		
6B	SR 128		x	882+30.49	883+03.86		23.37		1	1	
TOTALS							788		10	4	

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2Y

CROSS DRAIN TABULATION FOR LOCAL ROADS

STATION	RCP CLASS III OR CMP 14 GA. OR HDPE / PP OR PVC OR SRTRP (L.F.) FILL HEIGHT < OR = 10 FT.					RCP CLASS IV OR CMP 14 GA. OR HDPE / PP OR SRTRP (L.F.) FILL HEIGHT > 10 FT. AND < OR = 16 FT.					SKEW		END TREATMENT				REMARKS
													INLET		OUTLET		
	18"	24"	30"	36"	48"	18"	24"	30"	36"	48"			TYPE	DRAWING NO.	TYPE	DRAWING NO.	
30+03.78				50							67°22'39" RT		3U	D-PE-36A	3U	D-PE-36A	SCHOOL DRIVE
TOTALS	**0**	**0**	**0**	**50**	**0**	**0**	**0**	**0**	**0**	**0**							

CROSS DRAIN ENDWALLS

LOCATION	CROSS DRAIN STATION	OFFSET (FT.)	STRUCTURE TYPE	STANDARD DRAWING	SKEW				36 IN. ENDWALL 3:1 611-07.63 (EA.)	
SCHOOL DR.	30+03.78		3U	D-PE-36A	67°22'39" RT				1	
SCHOOL DR.	30+03.78		3U	D-PE-36A	67°22'39" RT				1	
TOTALS									**2**	

BOX CULVERT TABULATION

STATION	LOCATION	SPAN	HEIGHT	LENGTH	SKEW	DRAINAGE AREA ACRES	BOX CULVERT: BOX: CLASS "A" CONC. CU. YD.	BOX CULVERT: BOX: REINF. STEEL LBS.	BOX CULVERT: APRON: CLASS "A" CONC. CU. YD.	BOX CULVERT: APRON: WIRE FABRIC LBS.	BOX CULVERT: APRON: STEEL BAR REINF. LBS.	DRAWING NO.	303-01.01 BACKFILL MATERIAL DWG. STD-10-1 TONS	204-08 FOUNDATION FILL MATERIAL CU. YD.	709-05.09 CLASS C RIP RAP TONS
880+58.32	SR 128	8	6	121.25	81°-35' LT	198.8	118	22664				STD-15-37	1423	30	225
945+66.71	SR 128	6	5	69	75°-06' LT		45	10212				STD-15-35	291	15	
954+43.00	SR 128	12	10	226.5	90°	317.4	638	86217				STD-15-41	5105	77	275
31+08.58	Malcom St.	6	5	14	74°-13' RT		9	2368				STD-15-35	59	4	
TOTALS							**810**	**121461**					**6878**	**126**	**500**	

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TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2Z

SIDE DRAIN TABULATION

STATION	LOCATION LT	LOCATION RT	DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE (L.F.) FILL HEIGHT < OR = 10 FT. 15"	18"	24"				607-57.06 REINF. CONC ARCH PIPE 58"X 36"	REMARKS
876+92.18	x		SR 128	14		18						
878+73.99	x		SR 128	10		26						
880+34.48	x		SR 128	12		62						
881+36.69	x		SR 128	10							16	
882+00.00	x		SR 128	30			70					
882+15.35	x		SR 128	25							55	
940+23.70	x		SR 128	40		53						
941+51.79	x		SR 128	40		59						
943+13.00	x		SR 128	40		56						
18+83.77		x	Opel Loop (South)	40		44						
47+70.04	x		Lacefield Drive	40	44							
42+02.60	x		Baker Road	12		16						
42+54.97	x		Baker Road	12		16						
31+28.31		x	Lewis Street	17		22						
38+52.10	x		South Street	34		42						
11+20.51		x	Nolan Street	26		30						
25+46.98		x	Cherry Street	40		48						
26+50.12		x	Cherry Street	10		26						
27+51.62		x	Cherry Street	40		58						
42+55.65	x		Water Street	20		36						
43+36.83	x		Water Street	14		24						
TOTALS					**44**	**636**	**70**				**71**	

R.O.W. MARKERS

SHEET NO.	QUANTITIES "A"	"B"	"C"	TOTALS
5A	0	1	11	**12**
6A	0	2	5	**7**
7A	0	4	16	**20**
8A	0	3	13	**16**
9A	0	2	15	**17**
10A	0	5	15	**20**
11A	7	6	15	**28**
12A	9	8	18	**35**
TOTALS	**16**	**31**	**108**	**155**

UNOFFICIAL SET
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	2AA

CHANNEL RELOCATION SEQUENCE AND IMPLEMENTATION NOTES FOR RELOCATED STREAM CHANNELS (IGNORE REFERENCES TO ITEMS NOT SPECIFIED)

1. The new channel shall be excavated and stabilized during a low-water period. Rip-rap (only as shown on plans), seeding, and 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 and erosion control blanket or flexible channel liner is in place, and seeding and sod 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 or flexible channel liner, seed, and sod 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 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 Headquarters 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.

RIP-RAP PROPOSED IN BOTTOM OF STREAM CHANNEL

1. 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 filled with creek gravel to prevent loss of stream within rip-rap areas. Creek gravel can be removed from culvert excavation area.

TREES NOTES

1. 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 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.

2. The contractor should arrange several months ahead of time to obtain the correct tree species, as some may require some time to locate.

3. All trees planted shall be wrapped as per section 802.07 of TDOT standard specification for the road and bridge construction.

4. Trees shall be watered as required through the period of establishment to insure survival.

EXCAVATION IN THE DRY NOTES

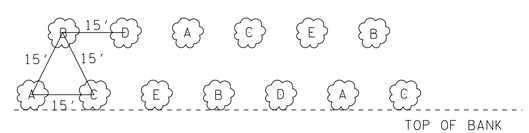
1. Any work within the wetland/stream channel area (e.g., for Pier Footing, Rip-rap Placement, Multi-Barrel Culvert/Bridge Construction etc.) shall be separated from flowing water or expected flow path and performed during low flow conditions. All items used within the wetland/stream channel area for 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 the other items. The note excludes any items specified in the plans for use with EC-STR-31 and EC-STR-32.

TREE SPECIES TO BE PLANTED
(15' CENTERS):

- A — AMERICAN ELM - ULMUS AMERICANA
- B — AMERICAN SYCAMORE - PLATANUS OCCIDENTAILS
- C — SOUTHERN RED OAK - QUERCUS FALCATA
- D — GREEN ASH - FRAXINUS PENNSYLVANICA
- E — WHITE OAK - QUERCUS ALBA

RECOMMENDED TREE REPLACEMENT FOR STREAM MITIGATION

STREAM 11
PATTERN TO BE REPEATED AS NECESSARY



SEE SHEET 12B FOR STREAM 11 LOCATION & PROPOSED TREES.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CHANNEL CHANGE, TREE DETAILS, & NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3
CONST.	2015	NH-128(27)	3

RIGHT - OF - WAY NOTES

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 THEREFROM 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, DESIGN DIVISION AND THE CIVIL ENGINEERING MANAGER 1, REGIONAL 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 WITH A NEW DRIVEWAY AS SHOWN ON THE PLANS WHEN ACCESS WAS NOT 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.

REV. 05/24/05: NOTE ADDED TO CONST. ESMT. ON TRACT 10. ADDED TRACT 14 INTO TRACT 16 WITH Z BAR. ADDED PERM. DRAIN. ESMT. TO TRACT 12. CHANGED BEGINNING STATION. ADDED Z BAR ON TRACT 32.

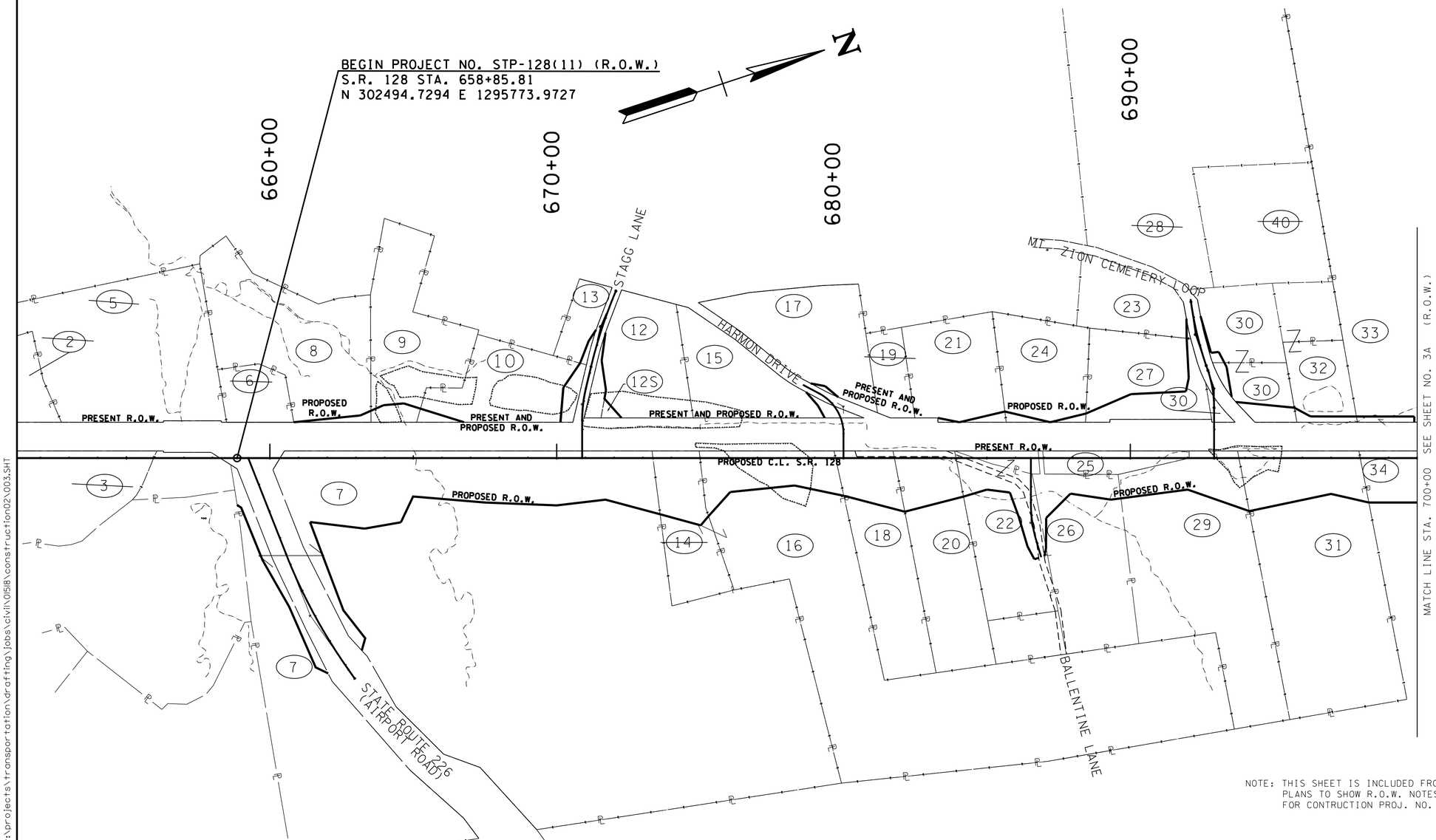
REV. 07/12/05: REMOVED Z BAR FROM TRACT 30. ADDED Z BAR TO TRACT 32.

REV. 10/10/05: ADDED Z BAR TO TRACT 22. MODIFIED PROPERTY LINES FOR TRACTS 22, 25, AND 26.

REV. 01/27/06: REMOVED TRACT NUMBER 30 SYMBOL AT STA. 697± LT.

REV. 04/15/08: CHANGED R.O.W. LINES ON TRACT 30.

REV. 08/31/09: CONSTRUCTION EASEMENT ON TRACT NO. 10 WAS REMOVED DUE TO INFORMATION RECEIVED FROM PERMIT ASSESSMENT; ADDED TRACT 12S.



UTILITY OWNERS:

WATER &: SEWER
CITY OF SAVANNAH
1020 MAIN STREET
SAVANNAH, TN 38372
TELEPHONE (731) 925-4216
CONTACT: VIRGIL MORRIS

TELEPHONE:
BELL SOUTH
315 EAST COLLEGE STREET
JACKSON, TN 38301
TELEPHONE (731) 423-5037
CONTACT: DONALD ROE

CATV:
CHARTER COMMUNICATIONS
2177 CHRISTMASVILLE ROAD
JACKSON, TN 38305
TELEPHONE (731) 424-3290 EXT. 7700
CONTACT: TONY SANDERSON

GAS:
CITY OF SAVANNAH
1020 MAIN STREET
SAVANNAH, TN 38372
TELEPHONE (731) 925-4216
CONTACT: VIRGIL MORRIS

ELECTRIC:
TENNESSEE VALLEY AUTHORITY
175 OAKFIELD ROAD
OAKFIELD, TN 38362
TELEPHONE (731) 421-7537
CONTACT: JOE MCPEAKE

TENNESSEE VALLEY ELECTRIC CO-OP
1101 MARKET STREET MR3H
CHATTANOOGA, TN 37402
TELEPHONE (423)751-7721
CONTACT: MARY L. BAULKMAN

NOTE: LOCATION OF ALL UTILITIES IS APPROXIMATE ONLY AND MAY VARY. CALL TENNESSEE ONE CALL AT 1-800-351-1111 FOR ACTUAL LOCATION.

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COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.660+35 TO STA.700+00

SCALE: 1"=200'

NOTE: THIS SHEET IS INCLUDED FROM THE ORIGINAL R.O.W PLANS TO SHOW R.O.W. NOTES AND UTILITY OWNERS FOR CONTRUCTION PROJ. NO. NH-128(27) ONLY.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3D
CONST.	2015	NH-128(27)	3A

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.845+00 TO STA.895+00

SCALE: 1"=200'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3E
CONST.	2015	NH-128(27)	3B

REV. 05/24/05: LINED OUT TRACTS 158 AND 174, ADDED Z BAR TO TRACT 176.

REV. 01/27/06: REMOVED Z BAR FROM TRACT 156. ADDED TRACT 157.

REV. 12/15/06: ADDED TRACT 178A.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.895+00 TO STA.940+00

SCALE: 1"=200'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	3F
CONST.	2015	NH-128(27)	3C

REV. 05/24/05: REALIGNED CHERRY STREET. LINED OUT TRACT 202. ADDED PERM. DRAINAGE ESMT. TO TRACT 191. REVISED CONSTRUCTION EASEMENT TRACT NO. 208.

REV. 10/06/08: CHANGED PRESENT R.O.W. WIDTH ON SR 15 AND ADJUSTED PROPOSED R.O.W. ACCORDINGLY.

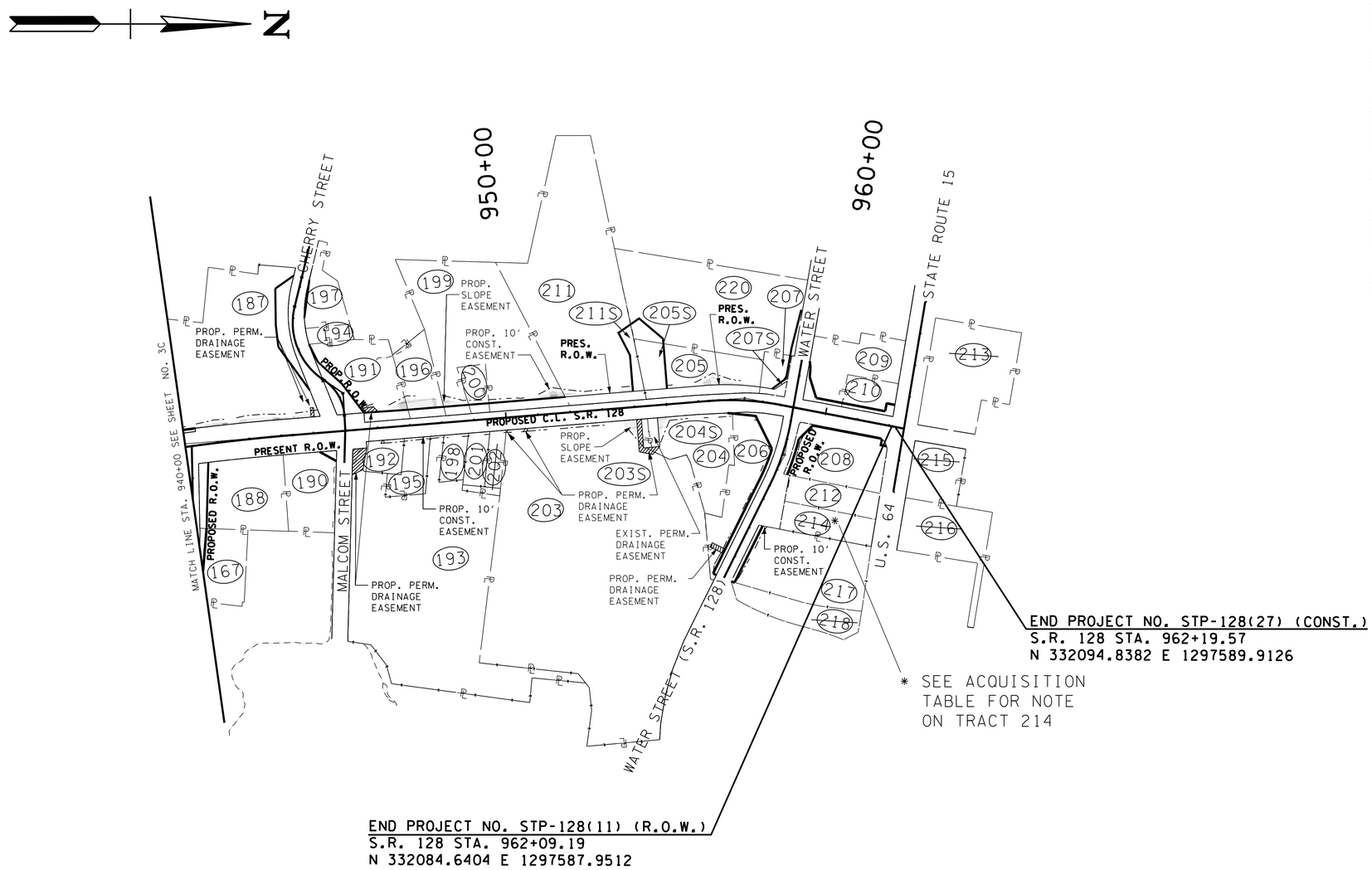
REV. 12/03/08: ADJUSTED EXISTING R.O.W. LINE RIGHT OF STA. 959+00 THROUGH STA. 962+30.

REV. 06/19/09: CORRECTED EXISTING R.O.W. ON TRACTS 212 & 214 RESULTING IN THE REMOVAL OF TRACT NO. 214.

REV. 08/31/09: ADDED NOTE TO TRACT NO. 214.

REV. 12/28/11: ADDED TRACT NOS. 203S, 204S, 205S, 207S, & 220. ADJUSTED AREAS AND EASEMENT ON TRACT 211.

REV. 02/21/12: ADDED TRACT NO. 211S.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.940+00 TO STA.962+47

SCALE: 1"=200'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3I
CONST.	2015	NH-128(27)	3D

REV. 05/24/05: CHANGED NAME AND RECORD INFO ON TRACT 139.

REV. 07/12/05: CHANGED CONST. ESMT. ON TRACT 144.

REV. 08/30/05: CHANGED DEED DOCUMENT INFO. ON TRACT 135.

REV. 09/06/05: CHANGED TOTAL AREA LT., TOTAL AREA, AND AREA REMAINING LT. ON TRACT 148.

REV. 10/10/05: CHANGED TOTAL AREA RT., TOTAL AREA, AND AREA REMAINING RT. ON TRACT 140.

REV. 05/08/06: CHANGED NAME AND DEED DOCUMENT INFO. ON TRACT 125.

REV. 10/02/06: CHANGED NAME AND DEED DOCUMENT INFO. ON TRACT 138.

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.
96	Virgil & Mable (w) Harmon	90	27.00	45	444	1.200		1.200	3260 S.F.		3260 S.F.	1.125			1175	1413
97	Virgil Harmon	90	27.01	20	66	0.750		0.750	0.128		0.128	0.622			285	608
98	Susan Jalayne Kirkpatrick Warren	90	49.00	278	545		2.700	2.700		0.157	0.157		2.543	203	1904	2967
99	William O Harmon & Eddie Linam	90	28.01	81	733	0.930		0.930				0.930			241	436
100	Hopewell Baptist Church	90	26.00	81/49	729/152	2.700		2.700				2.700		472	602	1115
101	Rebecca C White	90	49.01	278	361		1.000	1.000					1.000	316	756	873
102	DT & Dorothy (w) Bryant	90	25.00	75	115	3.400		3.400				3.400			1573	823
103	Hardin Co Highway Dept	90	50.00	111	537		6.870	6.870					6.870	1384	3109	0.116 AC
104	Hopewell Baptist Church, Inc	90	24.00	186	566	10.900		10.900	2334 S.F.		2334 S.F.	10.846		1236	0.125 AC	0.115 AC
105	Turnbo Motor Express, Inc.	90	15.01	283	465		5.920	5.920					5.920	583	1019	3431
106	Cecil F House	90	15.00	WB9	446	10.300		10.300	1725 S.F.		1725 S.F.	10.260			2254	3850
107	Rex & Geraldine (w) Adkisson	90	51.00	120	388		13.900	13.900					13.900		149	1611
108	Nell Brown Young	90	14.00	WB7	806	5.500		5.500				5.500		153	933	2461
109	J Terry Steib SVD % Roman Catholic Diocese	90	52.00	249	531		6.950	6.950					6.950	1996	2922	3067
110	Pay & Betty Joe (w) Lackey	90	13.00	139	864	43.600		43.600				43.600		1250	0.120 AC	3206
111	James M & Rebecca (w) Scott	90	53.00	119	574		2.000	2.000		3955 S.F.	3955 S.F.		1.909	420	1109	1995
112	Wesley M Caperton	90	12.00	97	476	18.500		18.500				18.500			1609	1333
113	Brown & Mae Bell (w) Mitchell	90	11.00	69	299	0.610		0.610				0.610			1118	615
114	Wesley M Caperton	90	65.00	69	381		1.000	1.000		1528 S.F.	1528 S.F.		0.965	366	216	369
115	Luther W & Dorothy (w) Cary	90	10.01/10.02	90/225	850/569	1.800		1.800				1.800		216	1704	2994
116	H & K Investments	90	64.02	162	457		1.130	1.130					1.130	277	55	796
~~117~~	~~Mary Harrison Hollin et. al.~~	~~90~~	~~28~~	~~65/60/56~~	~~519/56/223~~	~~0.570~~		~~0.570~~				~~0.570~~				
118	Kenneth W & Lou (w) Falls	90	9.00/9.01	35	154	3.500		3.500	1525 S.F.		1525 S.F.	3.465			3680	3333
119	H L & Bruce Boyd ET AL	90	64.01	185/166	206/725		20.600	20.600					20.600		1505	0.154 AC
~~120~~	~~NOT USED~~															
121	New Life Pentecostal Church	90H	B 13.00	250	268	5.000		5.000	0.113		0.113	4.887			371	2137
122	Boyd Boyd & Grimes INV	90H-A	A 8.00	161	410	1.000		1.000	2443 S.F.		2443 S.F.	0.944			176	952
123	Herman Leon & Norma (w) Boyd	90	66.01	185	206		14.300	14.300					14.300	395	1114	3420
124	Granville & Laura E (w) Conaway	90	66.00	125	18		0.700	0.700					0.700		152	306
125	Hardin County, TN	90	7.00	338	278	3.200		3.200				3.200			58	899
126	William Pay & Betty Jo (w) Lackey	90	5.00/6.00	169/130	566/311	19.510		19.510				19.510			93	1416
127	Cecil F House	90	67.00/68.00	138/49	553/579		2.000	2.000					2.000		1394	1642
~~128~~	~~NOT USED~~															
~~129~~	~~NOT USED~~															
130	Max & Vicki (w) Alston	90	3.00	164	430	25.930		25.930				25.930		725	0.124 AC	0.141 AC
131	Parris MFG CO	90	69.00	57	186		18.360	18.360					18.360	0.127 AC	3802	0.110 AC
132	Pam Shea Fondren	90	4.00	WB9	163	0.360		0.360				0.360		725	1179	1039
133	City of Savannah	90	69.01	86	770		2919 S.F.	2919 S.F.					2919 S.F.	1592		
134	Board of Education Hardin County	90	2.00	75	333	143.000		143.000	0.171		0.171	142.829			1383	1768
135	City of Savannah	90	1.00	346	390	3.210		3.210				3.210			105	985
136	Jalaram Enterprises Inc	90A	A 21.02	163	369		4.160	4.160					4.160		535	1460
137	Double Diamond LLC	90A	A 21.03	200	113		2.000	2.000					2.000			589
138	Donald O. King III & Michael L. Smith	90A	21.04	405	895		5.000	5.000					5.000			868
139	City of Savannah	90A, 083P	8.00	RB 336	428	3.770		3.770	3545 S.F.		3545 S.F.	3.689				260
140	Emma Lou Myrkle	90A	A 20.00	181	330		0.641	0.641		3767 S.F.	3767 S.F.		0.555		4	743
141	Dodd's Landing	90A	A 7.00	284	759	0.720		0.720	4015 S.F.		4015 S.F.	0.628			32	367
142	Byrl & Josephine (w) Haggard	90A	A 18.00	71	53		0.500	0.500		3281 S.F.	3281 S.F.		0.425			211
143	Ronnie D & Deborah (w) Casteel	83P	A 7.01	164	1	0.830		0.830				0.830				168
144	James H & Becky H (w) Kerr	90A	A19.00/A1.00	160/235	717/739		1.800	1.800		2793 S.F.	2793 S.F.		1.736			658
145	Johnny & Mae Powers	83P	A 7.02	167	537	0.821		0.821				0.821				253

DISTURBED AREA (1)	
IN BETWEEN SLOPE LINES	37.712 (AC)
CONST. ESM'T. OR 15 FOOT WIDE STRIP (OUTSIDE SLOPE LINES)	5.017 (AC)
TOTAL DISTURBED AREA	37.729 (AC)

FOOTNOTE:
(1) REPRESENTS AREA FOR LIMITS OF CONSTURCTION PROJECT NH-128(27).

* NOTE: BEG. OF CONSTRUCTION PROJ. NO. NH-128(27)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3J
CONST.	2015	NH-128(27)	3E

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.
146	Woodmen of the World	83P	A 6.00	117	612	1.000		1.000				1.000			7	558
147	H+K Investments	90A	7.03/7.04	275	576/583	0.655		0.655				0.655				
148	Eureka Methodist Episcopal Church	83P	A 5.00	31/X	520/537	0.379		0.379				0.379			208	781
149	Quinco Community Mental Health Center	83P	A 4.00	186	367	0.830		0.830				0.830			2016	1497
150	Hardin County Tennessee	83P	B 21.00	217	560		2.800	2.800		2636 S.F.	2636 S.F.		2.739			873
151	David H & Julianne Y (w) Davis	83P	A 3.00	163	610	0.572		0.572				0.572			2352	1455
152	Peggy Plunk Steele	83P	A 2.00	WB5	360	3.050		3.050	0.155		0.155	2.895			387	1444
153	Garcie Roberts	83P	B 22.00	184	486		1.000	1.000		760 S.F.	760 S.F.		0.983			132
154	JT Dr, Mary Virginia (w) Lassiter	83P	B 22.02	113	372		0.430	0.430		0.201	0.201		0.229			
155	Hardin County School %Hardin Co Board of ED	83P	A 1.00	120	323	37.730		37.730	0.170		0.170	37.560			107	0.127 AC
156	Christie D. Moore	83P	B45.00/B46.02	302	527		0.787	0.787					0.787			179
157	David L. Fitzmorris	83P	45.01	369	850		0.203	0.203		262 S.F.	262 S.F.		0.197			
158	Jack & Mary (w) Shiver	83P	B 46.01	228	635		0.550	0.550					0.550			
159	Savannah Church of Christ Inc	83P	B 1.00	214	565		4.700	4.700		2646 S.F.	2646 S.F.		4.639			811
160	Herby Franks	83I	D 1.00	121	129		5.000	5.000		2753 S.F.	2753 S.F.		4.937	213	34	2540
161	Max R Franks	83I	D 2.00	75	351		0.500	0.500					0.500		206	882
162	Ronnie & Judy (w) Stanfill	83I	B 20.00	106	551	0.520		0.520	1257 S.F.		1257 S.F.	0.491		58		271
163	Sav Ready Mix Inc	83I	B 19.00	59	554	7.270		7.270				7.270		61		208
164	Sara C. Misner ETAL	83I	D3.00/D4.00	178/178/75/87	211/207/281/106		6.600	6.600					6.600		1783	3450
165	Old South Rentals Inc	83I	B 21.03	246	42	1.220		1.220				1.220		76		267
166	Artemio Alonso Gonzalez & Ruben Alonso Gonzalez	83I	B 21.00	289	203	0.440		0.440	930 S.F.		930 S.F.	0.419				191
167	Rocky Flanagan	83H	C 6.00	170	563		0.810	0.810		3507 S.F.	3507 S.F.		0.729			
168	Walters Tree Farm, Inc.	83I	D 8.00	269	18		3.056	3.056					3.056			
169	William W & Linda F (w) Burton	83I	D 5.00	166	259		0.500	0.500					0.500			235
170	Old South Rental	83I	B 18.02	297	200	0.510		0.510	1287 S.F.		1287 S.F.	0.480				549
171	Hometown Carpet Center	83I	D 6.00	348	688		0.670	0.670					0.670			304
172	Kent Collier	83I	D 7.01	379	283		0.921	0.921					0.921			383
173	J. Gilbert, Jr. & Robin Parrish	83I	B 18.01	299	188	8.520		8.520				8.520				229
174	Floyd & Mary Belle (w) Cummings	83I	D 11.00	75/74/26	189/414/396		1.200	1.200					1.200			
175	Judy F Goodman	83I	D 9.00	118	505		0.510	0.510					0.510			203
176	Hardin County Tennessee & The City of Savannah	83I	B18.00/D10.01	181/42	509/307	4.580	1250 S.F.	4.609		1250 S.F.	1250 S.F.	4.580				167
177	Martha & Isaac Sharp Heirs % Bonnie Alexander	83I	D 10.00	98	354		0.660	0.660		0.116	0.116		0.544			168
178	Kroger Limited Partnership I	83I	C 1.00/C 2.00	222	674		5.424	5.424					5.424			557
178A	Cascades KR, LLC	83I	C 1.02	414	133		0.516	0.516		2460 S.F.	2460 S.F.		0.460			268
179	Hardin County Bank	83I	B 17.00	361	797	2.090		2.090	0.157		0.157	1.933				737
180	Lamond Hottiman	83I	B8.01,B8.02	154,157	692,679	1.318		1.318	0.121		0.121	1.197				
		83I	B8.03,B8.04	109,133	475,402											
		83I	B 8.05	133/148	400/818											
181	Robert J. Taylor	83I	C 1.01	125	420		0.153	0.153		1739 S.F.	1739 S.F.		0.113		315	1646
182	Elk Valley Professional Affiliates	83H	B 7.00	406	626	1.340		1.340				1.340				
183	Jimmy G White	83H	G 9.00	78	649		0.131	0.131		1176 S.F.	1176 S.F.		0.104			
184	Charles Raymond Hardin Heirs	83H	G 10.00	51	84		0.324	0.324					0.324			
185	Robert & Jean Dell (w) Hardin	83H	B 4.00	74	100	1.500		1.500	1645 S.F.		1645 S.F.	1.462				177
186	Quality Tire And Service Inc.	83H	G 11.00	282	667		3.200	3.200		0.224	0.224		2.976			
187	Willoughby Inc	83H	B2.00/B1.00	137/160	92/341	5.000		5.000	0.304		0.304	4.696			3154	3185
188	Shyam Enterprises	83H	C 4.01	332	362		1.350	1.350		0.119	0.119		1.231	290		
189	Sandra Hardi Zehntner	83H	G8.01	WB6	613	3485 S.F.		3485 S.F.				3485 S.F.				
190	Rocky Flanagan	83H	C 4.00	170	563		0.900	0.900		861 S.F.	861 S.F.		0.880			
191	Tom & Annie (w) Haggard	83H	R12.00/R13.00	162/71	395/496	1.470		1.470	0.203		0.203	1.267		670	1420	823
192	Johnny & Mae (w) Powers	83H	L 24.00	84	862		0.340	0.340					0.340	1774		577

REV. 05/24/05: CHANGED NAME, RECORD INFO, TOTAL AREA, AND AREA REMAINING ON TRACT 172. CHANGED ACQUIRED AND REMAINING AREAS ON TRACTS 177, 187, 191, 194, AND 197. CHANGED SLOPE ESMT. ON TRACT 187. REMOVED CONST. ESMT. ON TRACTS 158, 174, AND 183. LINED OUT TRACTS 158 AND 174. ADDED PERM. DRAINAGE ESMT. TO TRACT 191 AND CHANGED SLOPE AND CONST. ESMTS, LINED OUT TRACT 194. ADJUSTED AREA ACQUIRED AND AREA REMAINING ON TRACT 166.

REV. 07/12/05: CHANGED NAME,RECORD INFO. TOTAL AREA AND AREA REMAINING ON TRACT 179. CHANGED NAME AND RECORD INFO. ON TRACTS 186 & 188. CHANGED CONST. ESMT. ON TRACT 187. ADDED 5/24/05 REVISION NOTE REGARDING TRACT 166.

REV. 08/30/05: CHANGED PERM. DRAINAGE ESMT. ON TRACTS 192 AND 193. CHANGED CONST. ESMT ON TRACT 195.

REV. 10/28/05: CHANGED CONST. ESMT. ON TRACTS 162 AND 163.

REV. 01/27/06: ADDED COUNTY RECORD INFORMATION TO TRACT 180. ADDED INFORMATION ON TRACT 157.

REV. 05/08/06: CHANGED NAMES AND COUNTY RECORD INFORMATION ON TRACTS 171 AND 172.

REV. 10/02/06: CHANGED AREAS TRACT 180. CHANGED NAME AND COUNTY RECORD INFORMATION TRACT 182. ADDED DELETE LINE TRACTS 184 AND 194. CHANGED DRAINAGE EASEMENT TRACTS 192 AND 193.

REV. 12/15/06: CHANGED NAME AND COUNTY RECORD INFORMATION ON TRACT 182. CHANGED AREAS AND EASEMENT ON TRACT 178. ADDED TRACT 178A.

REV. 1/15/07: REMOVED STRIKE-THRU LINE FROM TRACT 178.

REV. 3/01/07: REMOVED STRIKE-THRU LINE FROM TRACT 187 AND ADDED STRIKE THRU TRACT 189.

REV. 3/05/07: CHANGED THE NAME, BOOK, AND PAGE NUMBER ON TRACT 195.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	3K
CONST.	2015	NH-128(27)	3F

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.
193	Jimmy H Alexander	83H	L 23.00	189	867		6.390	6.390					6.390	1062		259
194	City of Savannah	83H	R 13.02	225	337	1.920		1.920				1.920				
195	Travis Guinn	83H	L 23.02	379	738		0.400	0.400					0.400			255
196	David Lewis Hunt	83H	R10.00/R11.00	165	552	0.620		0.620	3105 S.F.		3105 S.F.	0.549			2933	662
197	Tom and Anne Haggard	83H-R	R 13.01	214	545	0.502		0.502	368 S.F.		368 S.F.	0.494				
198	Emery Lee & Polly M. (w) White	83H	L 23.01	64	341		0.250	0.250					0.250			254
199	Karenine Perry Kemp	83H	R 8.00	72	132	3.800		3.800	0.207		0.207	3.593			2252	2310
200	Karenine Kemp & Teresa Sparks	83H	R 9.00	190	170	0.250		0.250	1681 S.F.		1681 S.F.	0.211			155	477
201	Michael Davis	83H	L 27.00	WB7	73		0.260	0.260					0.260			140
202	William & Nancy Davis	83H	L 28.00	267	737		0.210	0.210					0.210			
203	Brown LTD Inc & Brown Investments LP	83H	L 30.00	170	371		4.210	4.210					4.210	1714	1999	2349
203S	Brown LTD Inc & Brown Investments LP	83H	L 30.01	170	371		4.210	4.210					4.210	1902		
204	Tommy Jack Smith	83A	L 1.01	87	56		1.210	1.210		18 S.F.	18 S.F.		1.210	3000	1039	1151
204S	Tommy Jack Smith	83A	L 1.01	87	56		1.210	1.210					1.210	348		
205	Jane Milligan Churchwell AKA Jane Milligan Shutt	83A	R 6.00	82	263	1.230		1.230	0.221		0.221	1.009		0.106 AC	2722	2508
205S	Diane Hardin and Becky Yates	83A	R 6.00	WB10	143	1.009		1.009	0.278		0.278	0.731				
206	Hardin County Bank	83A	L 1.00/2.00	124/130/124	834/440/504		1.150	1.150		0.251	0.251		0.899	675	59	1473
207	Willoughby Inc	83A	R 5.00	167	128	0.270		0.270	2070 S.F.		2070 S.F.	0.222			41	725
207S	Willoughby Inc	83A	R 5.00	167	128	0.222		0.222	690 S.F.		690 S.F.	0.206			32	101
208	McDonald's Corporation % Collier Inc			2	122		1.126	1.126		3519 S.F.	3519 S.F.		1.045			587
209	Sun Trust Bank % Karen Gresham	83A	N 2.00+	66	329	1.050		1.050	2352 S.F.		2352 S.F.	0.996			45	1028
210	Marguerite W. Hughes	83A	N 1.00	WB7	792	0.380		0.380	2239 S.F.		2239 S.F.	0.329			126	1228
211	G.T. Stephens	83H	R 7.00	20	304	4.200		4.200	0.156		0.156	4.044		2840	1014	1699
211S	Craig Stephens and Suzanne Stephens Musgrove	83A	R 7.00	WB11	500	4.044		4.044	0.139		0.139	3.905				
212	Brandon Morris and Wife, Dana Morris	83A	M 2.00	RB475	361		0.516	0.516					0.516			108
213	First United Methodist Church of Savannah	83A	C8.00/C9.00	50/170	257/53	1.800		1.800				1.800				
① 214	First Baptist Church Trustees	83A	M1	268	478		0.577	0.577					0.577			
215	Shakelford Rentals, Inc.	83A	D 8.00	44	6		0.670	0.670					0.670			
216	Insured Income Properties	83A	D 7.00	113	481		1.125	1.125					1.125			
217	First Baptist Church Trustees	83A	"L" 3.00	34	580		1.800	1.800		2150 S.F.	2150 S.F.		1.751		22	1201
218	First Baptist Church Trustees	83A	"L" 4.01	236	633		0.670	0.670					0.670			
② 219	William O. & Ann (w) Harmon	90	27.02	78	18		0.778	0.778		87 S.F.	87 S.F.		0.776			
220	Hunter-Smith & Talent	83A	R 4.00	505	80	3.400		3.400	0.130		0.130	3.270			4	867

① THIS TRACT WAS PURCHASED PRIOR TO REVISION 06/19/09

② TRACT NO. 219 IS NOT IN CONSTUCTION PROJECT NO. NH-128(27).

REV. 5/24/05: REMOVED CONST. ESMT. AND LINED OUT TRACT 202, REVISED SLOPE AND CONST. ESMT. AREA ON TRACT 208.

REV. 7/12/05: CHANGED NAME AND RECORD INFO TRACT 205.

REV. 08/30/05: CHANGED TOTAL AREA RT., TOTAL AREA, AREA REMAINING RT. AND CONST. ESMT. ON TRACT 204

REV. 10/10/05: ADDED DEED BOOK INFORMATION ON TRACT 206. CHANGED TOTAL AREA RT., TOTAL AREA, AND AREA REMAINING RT. ON TRACT 206.

REV. 01/27/06: CHANGED AREA REMAINING ON TRACT 216. ADDED TRACT 219.

REV. 10/02/06: CHANGED AREAS ON TRACTS 207, 208, 209, 210 TO REFLECT PRESENT ROW WIDTH CHANGES.

REV. 10/06/08: CHANGED AREAS ON TRACT 208 TO REFLECT PRESENT ROW WIDTH CHANGES.

REV. 12/03/08: ADJUSTED AREAS FOR TRACT NO. 208.

REV. 12/16/08: REMOVED SLOPE EASEMENT FROM TRACT NO. 208.

REV. 06/19/09: ELIMINATED R.O.W. ACQUISITION AREAS AND EASEMENTS ON TRACTS 212 & 214 RESULTING IN REMOVAL OF TRACT NO. 214 FROM TABLE.

REV. 08/31/09: CHANGED NAME, BOOK AND PAGE NUMBER ON TRACT NO. 212; ADJUSTED AREA OF TEMPORARY CONSTRUCTION EASEMENT ON TRACT 212; ADDED FOOTNOTE TO TRACT 214.

REV. 10/08/10: ADDED PERMANENT DRAINAGE EASEMENT TO TRACT 211.

REV. 12/28/11: ADDED TRACTS 203S, 204S, 205S, 207S, & 220. ADJUSTED AREAS AND EASEMENTS ON TRACTS 211.

REV. 02/21/12: ADDED TRACT 211S AND CORRECTED EASEMENTS ON TRACTS 203S AND 204S.

REV. 04/16/12: CHANGED PAGE NUMBER ON TRACT NO. 220.

REV. 10/30/12: CHANGED OWNERS NAME, BOOK, & PAGE NUMBER ON TRACT NO. 211S.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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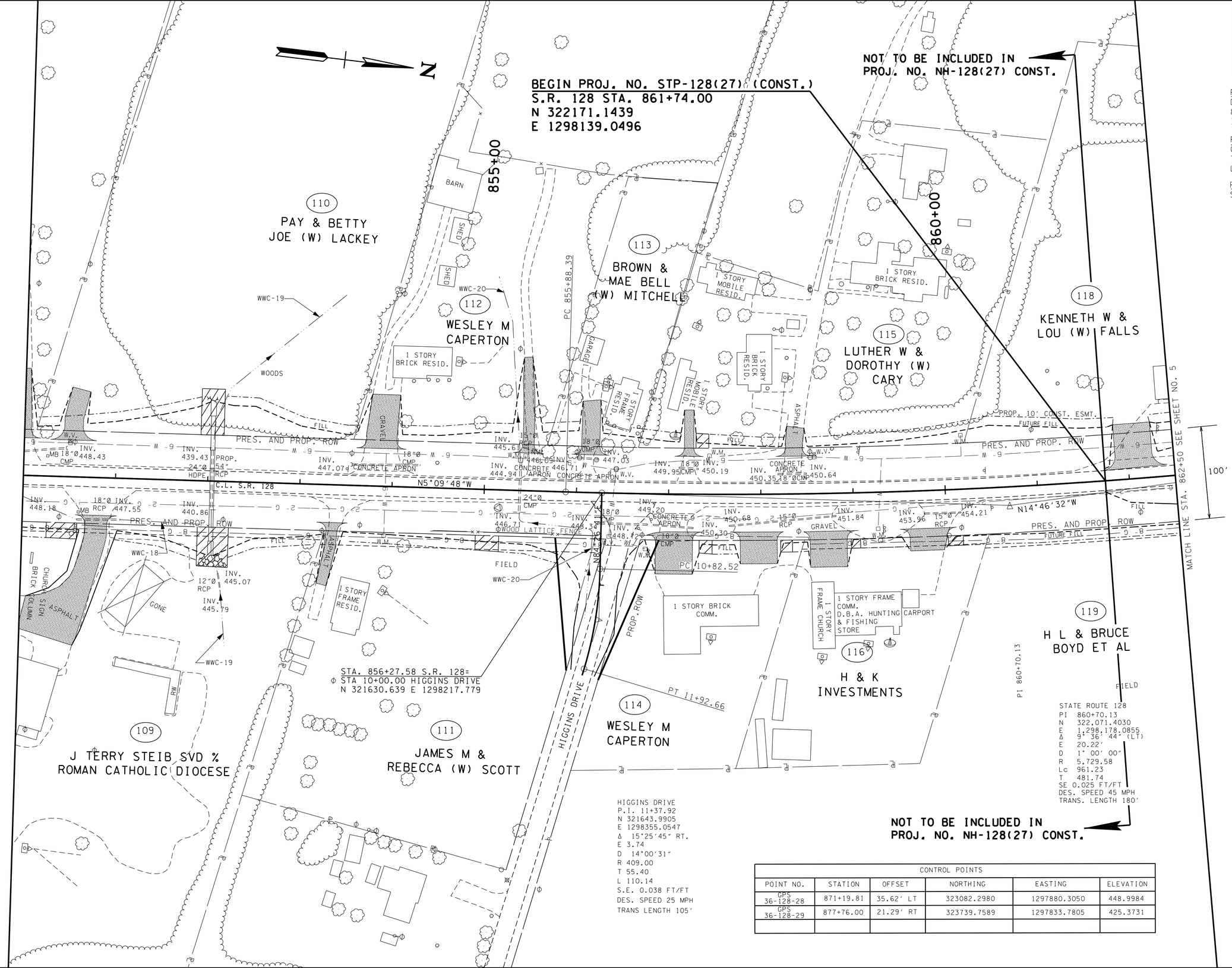
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20
CONST.	2015	NH-128(27)	4

REV. 05/24/05: CHANGED SLOPES ON DRIVES AT STA. 853+28 RT. AND 850+02 LT. ADDED UTILITY INFORMATION. ADDED GAS EASEMENT.

REV. 07/12/05: ADDED SIGN AND COLUMN TRACT 109. ADDED FENCE TRACT 111. ADDED FIELD SEPTIC LINE TRACTS 113 & 115.

REV. 05/08/06: ADDED DRIVE AT STA. 850+53.37 LT. TRACT 110.



HIGGINS DRIVE
P.I. 11+37.92
N 321643.9905
E 1298355.0547
Δ 15°25'45" RT.
E 3.74
D 14°00'31"
R 409.00
T 55.40
L 110.14
S.E. 0.038 FT/FT
DES. SPEED 25 MPH
TRANS LENGTH 105'

CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-28	871+19.81	35.62' LT	323082.2980	1297880.3050	448.9984
GPS 36-128-29	877+76.00	21.29' RT	323739.7589	1297833.7805	425.3731

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COORDINATES ARE NAD83(2011) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

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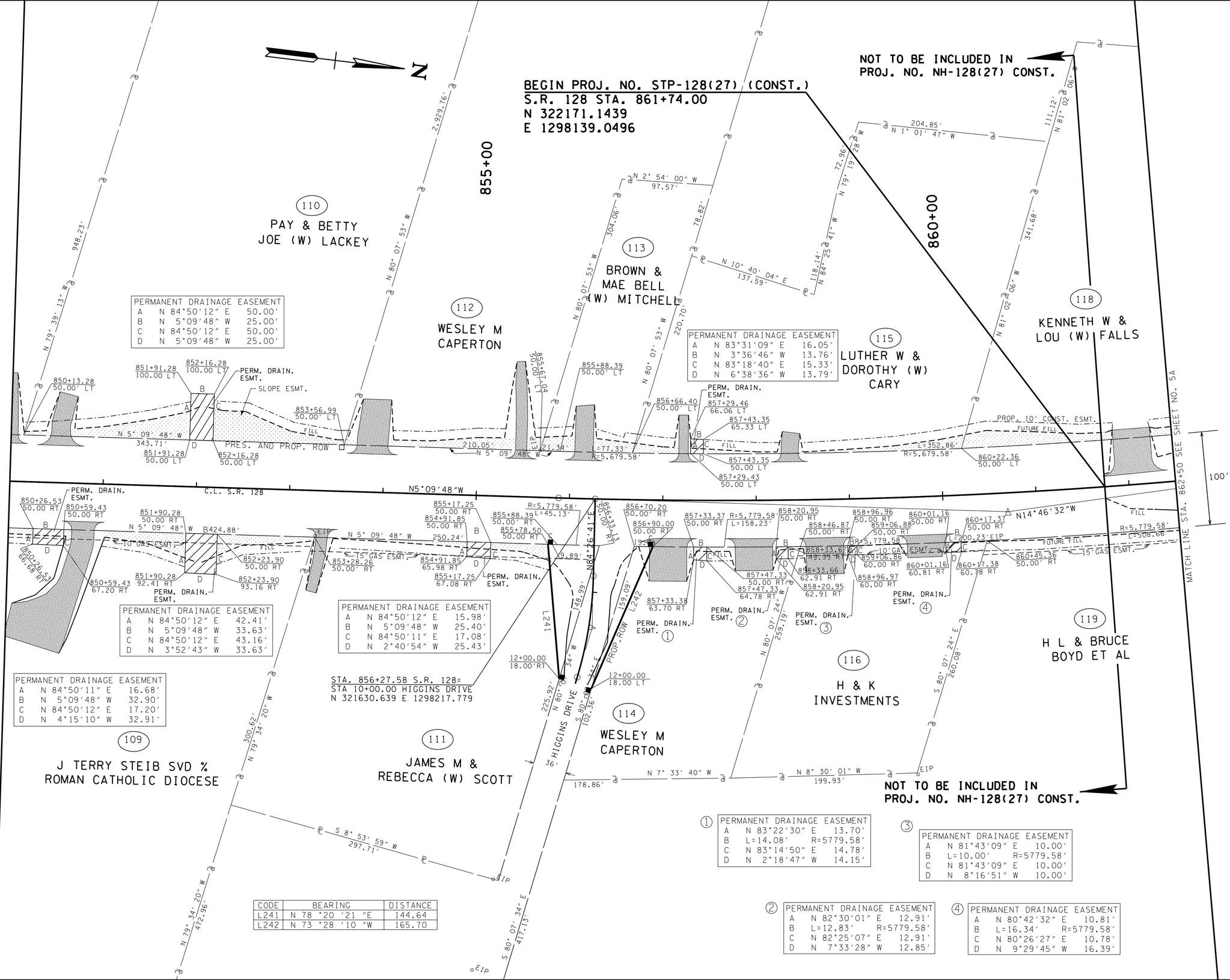
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20A
CONST.	2015	NH-128(27)	4A

REV. 05/24/05: CHANGED SLOPES ON DRIVES AT STA. 853+28 RT. AND 850+02 LT. ADD STA/OFF FLAG AT STA. 12+00 RT ON HIGGINS DR. ADDED GAS EASEMENT.

REV. 05/08/06: ADDED DRIVE AT STA. 850+53.37 LT. TRACT 110.



PERMANENT DRAINAGE EASEMENT

A	N 84°50'12" E	50.00'
B	N 5°09'48" W	25.00'
C	N 84°50'12" E	50.00'
D	N 5°09'48" W	25.00'

PERMANENT DRAINAGE EASEMENT

A	N 83°31'09" E	16.05'
B	N 3°36'46" W	13.76'
C	N 83°18'40" E	15.33'
D	N 6°38'36" W	13.79'

PERMANENT DRAINAGE EASEMENT

A	N 84°50'12" E	42.41'
B	N 5°09'48" W	33.63'
C	N 84°50'12" E	43.16'
D	N 3°52'43" W	33.63'

PERMANENT DRAINAGE EASEMENT

A	N 84°50'12" E	15.98'
B	N 5°09'48" W	25.40'
C	N 84°50'11" E	17.08'
D	N 2°40'54" W	25.43'

PERMANENT DRAINAGE EASEMENT

A	N 84°50'11" E	16.68'
B	N 5°09'48" W	32.90'
C	N 84°50'12" E	17.20'
D	N 4°15'10" W	32.91'

CODE	BEARING	DISTANCE
L241	N 78 °20 '21 "E	144.64
L242	N 73 °28 '10 "W	165.70

① PERMANENT DRAINAGE EASEMENT

A	N 83°22'30" E	13.70'
B	L=14.08'	R=5779.58'
C	N 83°14'50" E	14.78'
D	N 2°18'47" W	14.15'

② PERMANENT DRAINAGE EASEMENT

A	N 82°30'01" E	12.91'
B	L=12.83'	R=5779.58'
C	N 82°25'07" E	12.91'
D	N 7°33'28" W	12.85'

③ PERMANENT DRAINAGE EASEMENT

A	N 81°43'09" E	10.00'
B	L=10.00'	R=5779.58'
C	N 81°43'09" E	10.00'
D	N 8°16'51" W	10.00'

④ PERMANENT DRAINAGE EASEMENT

A	N 80°42'32" E	10.81'
B	L=16.34'	R=5779.58'
C	N 80°26'27" E	10.78'
D	N 9°29'45" W	16.39'

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COORDINATES ARE NAD83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

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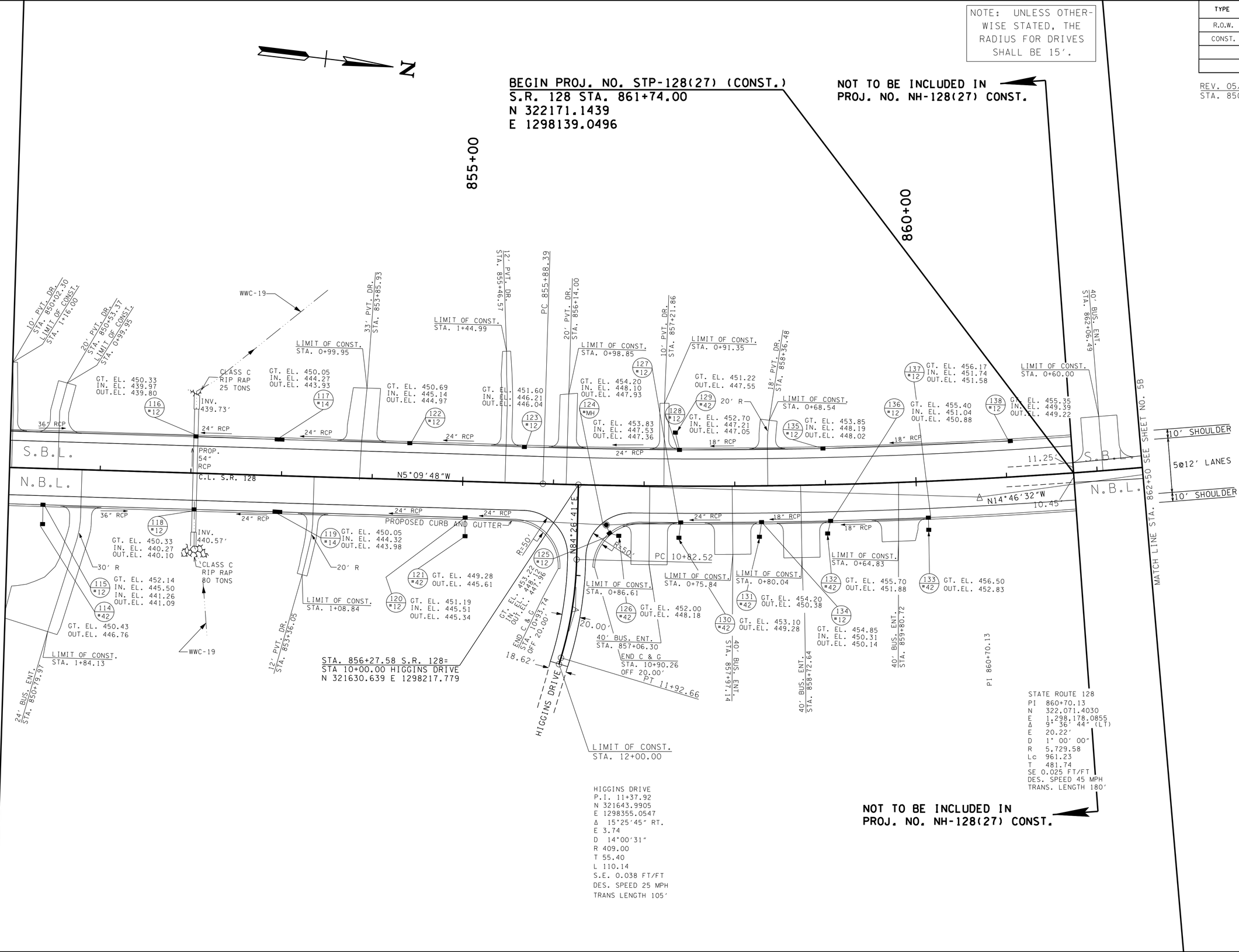
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20B
CONST.	2015	NH-128(27)	4B

REV. 05/08/06: ADDED DRIVE AT STA. 850+53.37 LT. TRACT 110.

NOTE: UNLESS OTHERWISE STATED, THE RADIUS FOR DRIVES SHALL BE 15'.



HIGGINS DRIVE
P.I. 11+37.92
N 321643.9905
E 1298355.0547
Δ 15°25'45" RT.
E 3.74
D 14°00'31"
R 409.00
T 55.40
L 110.14
S.E. 0.038 FT/FT
DES. SPEED 25 MPH
TRANS LENGTH 105'

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

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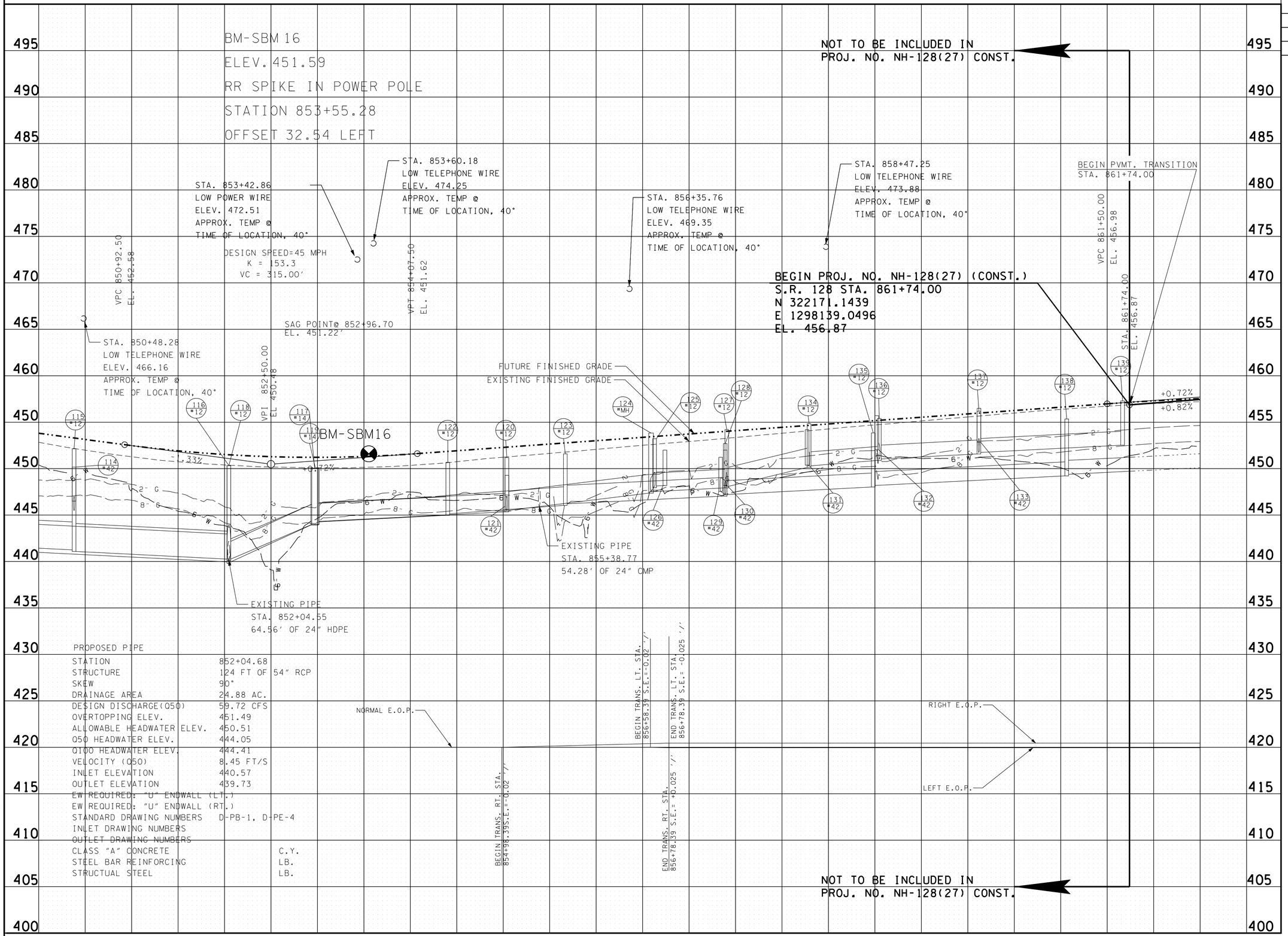
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20C
CONST.	2015	NH-128(27)	4C



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.850+00 TO STA.862+50

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

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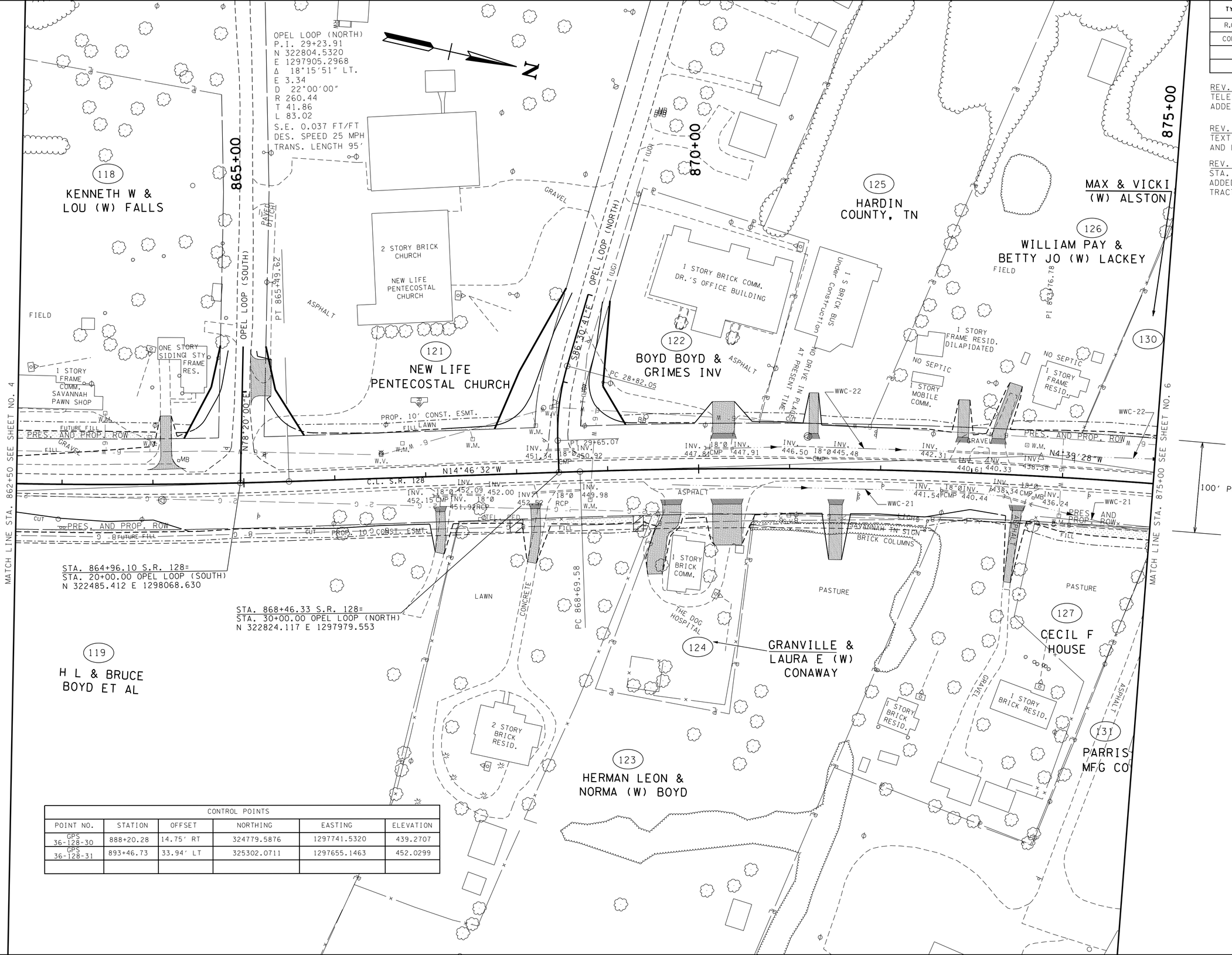
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	21
CONST.	2015	NH-128(27)	5

REV. 05/24/05: ADDED UNDERGROUND TELEPHONE LINE ON OPEL LOOP NORTH. ADDED GAS EASEMENT.

REV. 07/12/05: ADDED BUILDING AND TEXT TRACT 125. ADDED SIGN, COLUMN AND LIGHT TRACT 123.

REV. 05/08/06: ADDED CURB CUT AT STA. 864+09.84 RT. TRACT 119. ADDED DRIVE AT STA. 871+51.45 RT. TRACT 123.



CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-30	888+20.28	14.75' RT	324779.5876	1297741.5320	439.2707
GPS 36-128-31	893+46.73	33.94' LT	325302.0711	1297655.1463	452.0299

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.862+50 TO STA.875+00

SCALE: 1"= 50'

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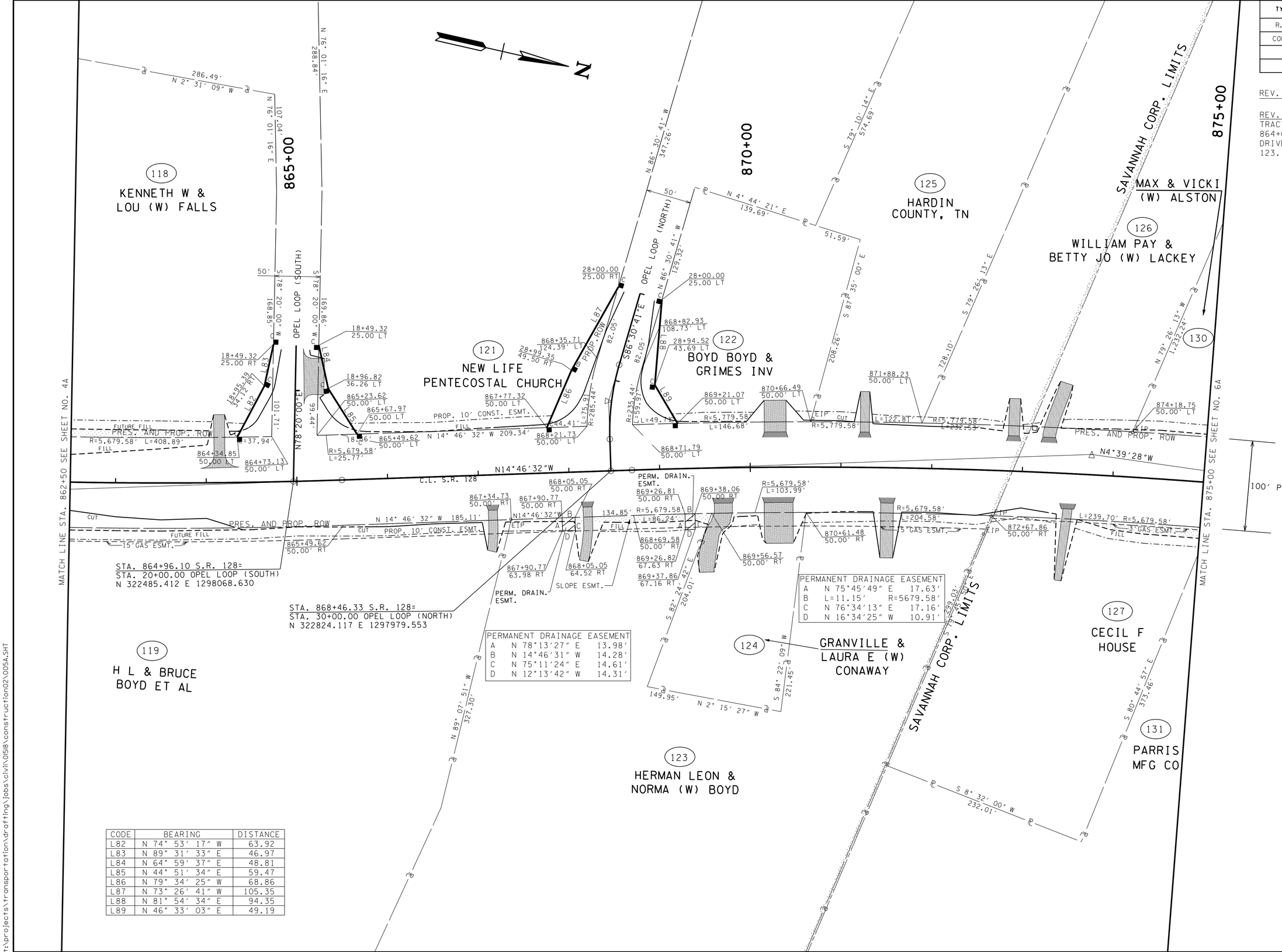
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	21A
CONST.	2015	NH-128(27)	5A

REV. 05/24/05: ADDED GAS EASEMENT.

REV. 05/08/06: CHANGED NAME ON TRACT 125. ADDED CURB CUT AT STA. 864+09.84 RT. TRACT 119. ADDED DRIVE AT STA. 871+51.45 RT. TRACT 123.



PERMANENT DRAINAGE EASEMENT

A	N 78°13'27" E	13.98'
B	N 14°46'31" W	14.28'
C	N 75°11'24" E	14.61'
D	N 12°13'42" W	14.31'

PERMANENT DRAINAGE EASEMENT

A	N 75°45'49" E	17.63'
B	L=11.15'	R=5679.58'
C	N 76°34'13" E	17.16'
D	N 16°34'25" W	10.91'

CODE	BEARING	DISTANCE
L82	N 74° 53' 17" W	63.92
L83	N 89° 31' 33" E	46.97
L84	N 64° 59' 37" E	48.81
L85	N 44° 51' 34" E	59.47
L86	N 79° 34' 25" W	68.86
L87	N 73° 26' 41" W	105.35
L88	N 81° 54' 34" E	94.35
L89	N 46° 33' 03" E	49.19

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.867+50 TO STA.875+00

SCALE: 1"= 50'

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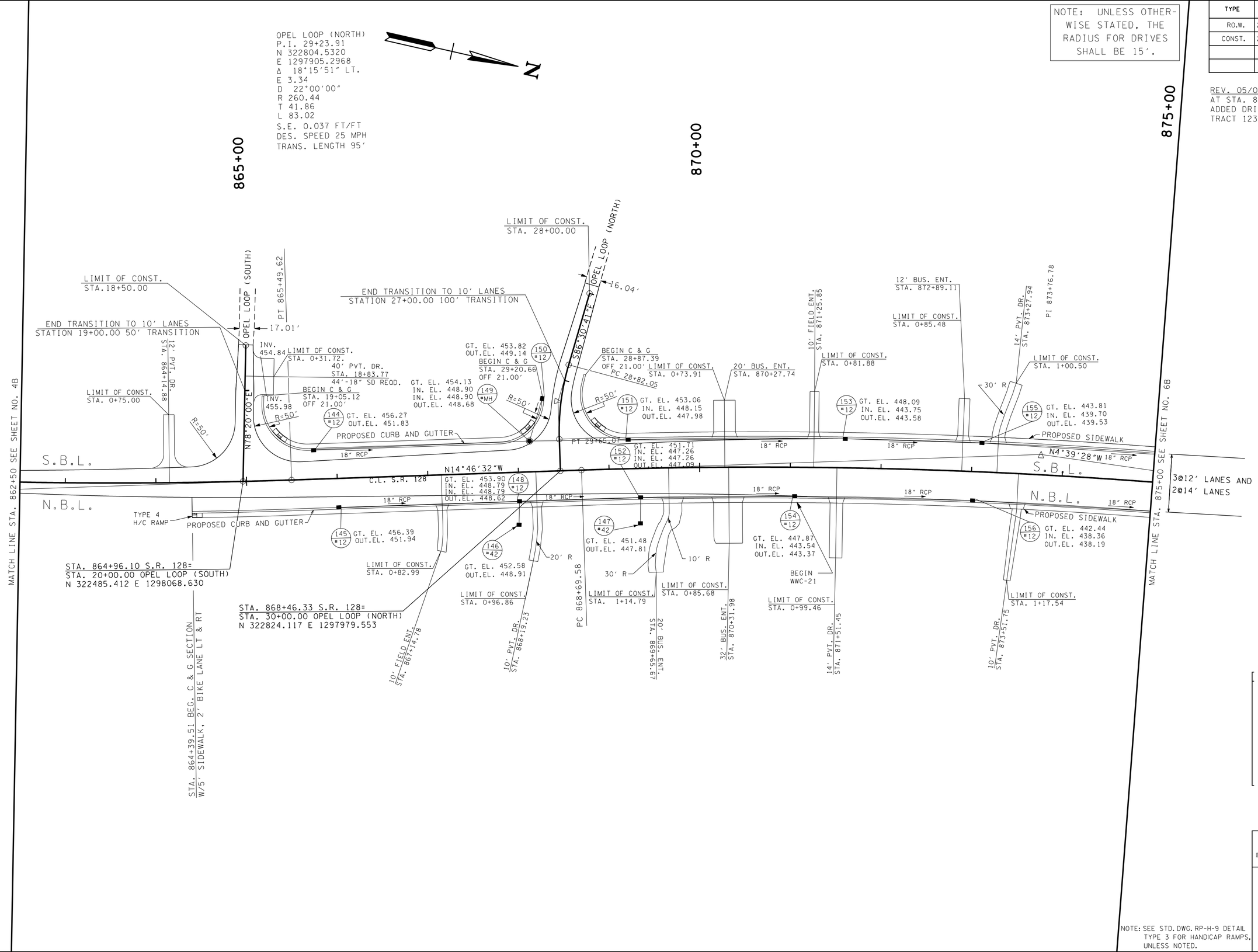
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	21B
CONST.	2015	NH-128(27)	5B

NOTE: UNLESS OTHERWISE STATED, THE RADIUS FOR DRIVES SHALL BE 15'.

REV. 05/08/06: ADDED CURB CUT AT STA. 864+09.84 RT. TRACT 119. ADDED DRIVE AT STA. 871+51.45 RT. TRACT 123.



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS, UNLESS NOTED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.862+50 TO STA.875+00

SCALE: 1"= 50'

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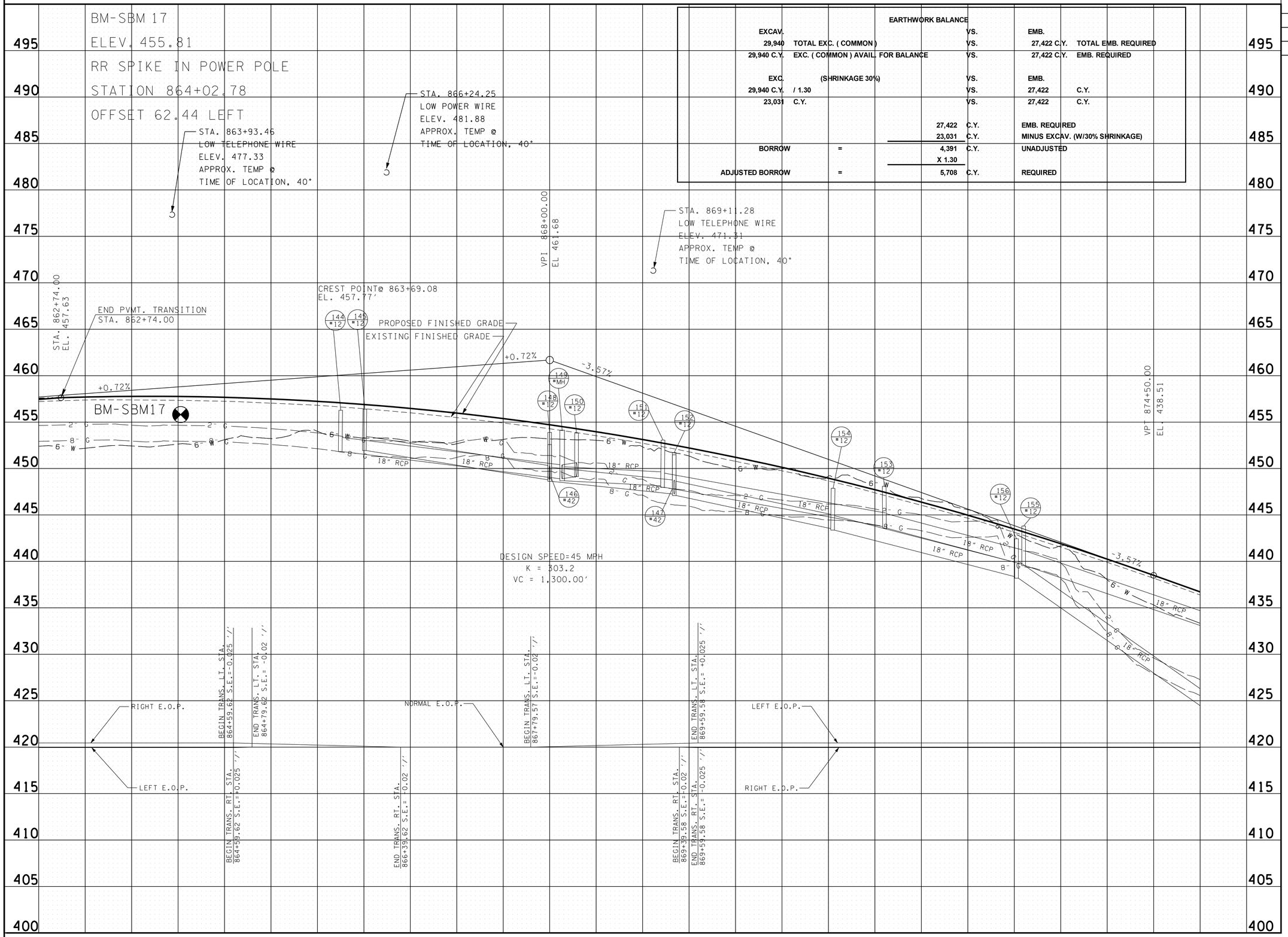
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	21C
CONST.	2015	NH-128(27)	5C



EARTHWORK BALANCE

EXCAV.		VS.	EMB.	
29,940	TOTAL EXC. (COMMON)	VS.	27,422 C.Y.	TOTAL EMB. REQUIRED
29,940 C.Y.	EXC. (COMMON) AVAIL. FOR BALANCE	VS.	27,422 C.Y.	EMB. REQUIRED
EXC.	(SHRINKAGE 30%)	VS.	EMB.	
29,940 C.Y.	/ 1.30	VS.	27,422	C.Y.
23,031	C.Y.	VS.	27,422	C.Y.
	27,422	C.Y.	EMB. REQUIRED	
	23,031	C.Y.	MINUS EXCAV. (W/30% SHRINKAGE)	
BORROW =	4,391	C.Y.	UNADJUSTED	
	X 1.30			
ADJUSTED BORROW =	5,708	C.Y.	REQUIRED	

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.867+50 TO STA.875+00

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

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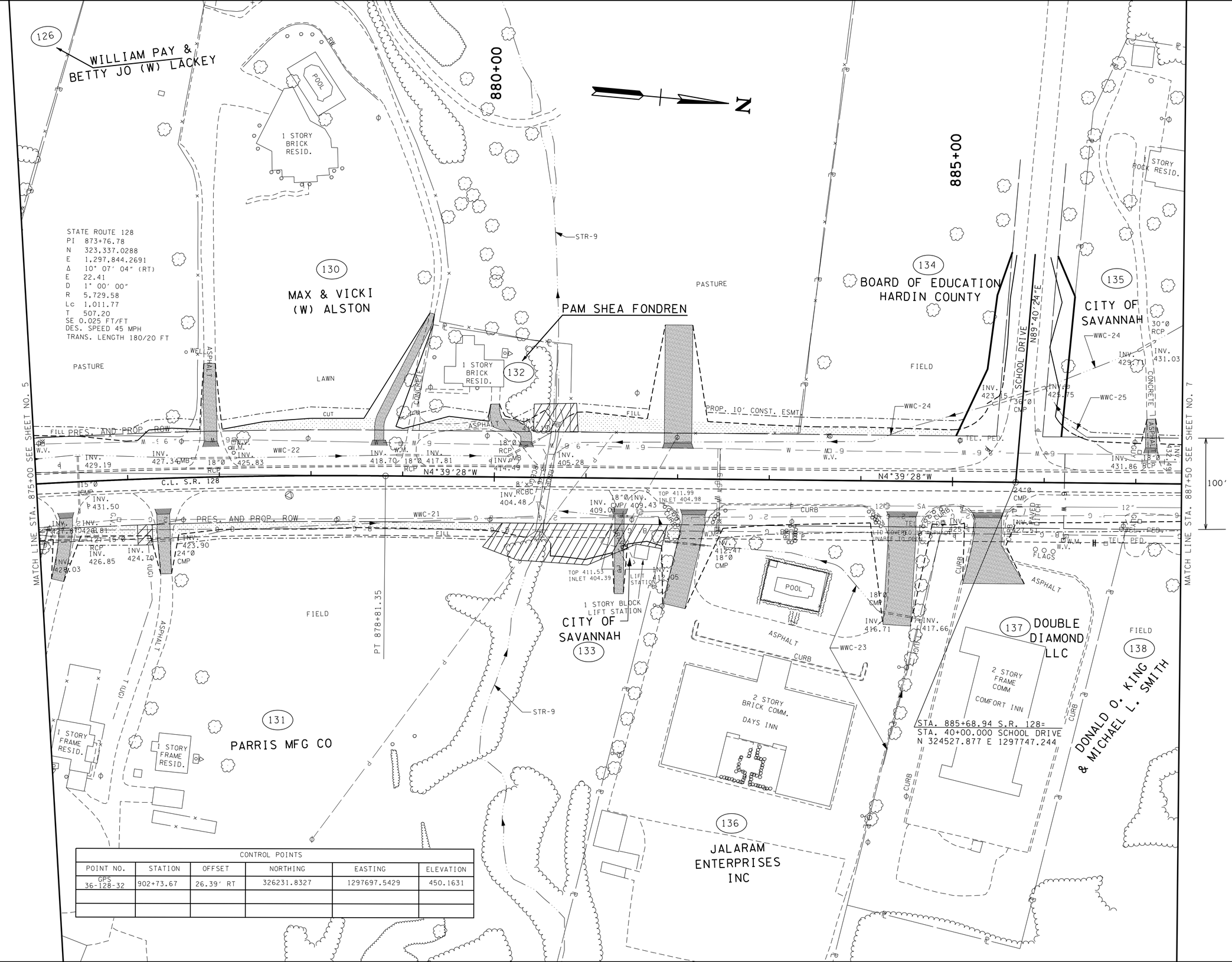
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	22
CONST.	2015	NH-128(27)	6

REV. 05/24/05: ADDED UNDERGROUND TELEPHONE LINE ON TRACT NO. 131. ADDED GAS EASEMENT.

REV. 10/02/06: CHANGED PROPERTY OWNER NAME TRACT NO. 138.



CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-32	902+73.67	26.39' RT	326231.8327	1297697.5429	450.1631

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93. ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

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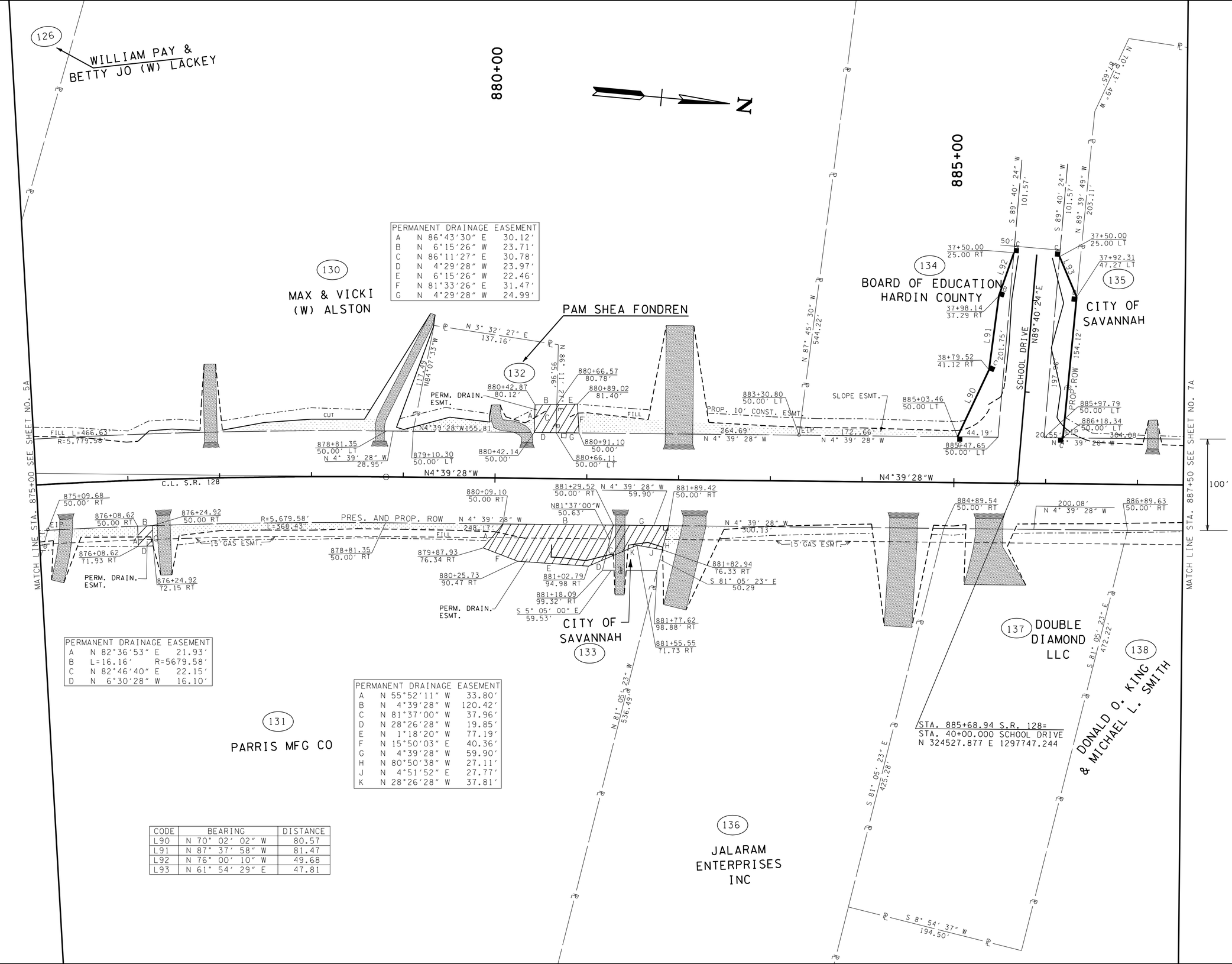
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.OW.	2004	STP-128(11)	22A
CONST.	2015	NH-128(27)	6A

REV. 05/24/05: ADDED GAS EASEMENT.

REV. 10/02/06: CHANGED PROPERTY OWNER NAME TRACT NO. 138.



PERMANENT DRAINAGE EASEMENT		
A	N 86°43'30" E	30.12'
B	N 6°15'26" W	23.71'
C	N 86°11'27" E	30.78'
D	N 4°29'28" W	23.97'
E	N 6°15'26" W	22.46'
F	N 81°33'26" E	31.47'
G	N 4°29'28" W	24.99'

PERMANENT DRAINAGE EASEMENT		
A	N 82°36'53" E	21.93'
B	L=16.16'	R=5679.58'
C	N 82°46'40" E	22.15'
D	N 6°30'28" W	16.10'

PERMANENT DRAINAGE EASEMENT		
A	N 55°52'11" W	33.80'
B	N 4°39'28" W	120.42'
C	N 81°37'00" W	37.96'
D	N 28°26'28" W	19.85'
E	N 1°18'20" W	77.19'
F	N 15°50'03" E	40.36'
G	N 4°39'28" W	59.90'
H	N 80°50'38" W	27.11'
J	N 4°51'52" E	27.77'
K	N 28°26'28" W	37.81'

CODE	BEARING	DISTANCE
L90	N 70° 02' 02" W	80.57
L91	N 87° 37' 58" W	81.47
L92	N 76° 00' 10" W	49.68
L93	N 61° 54' 29" E	47.81

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

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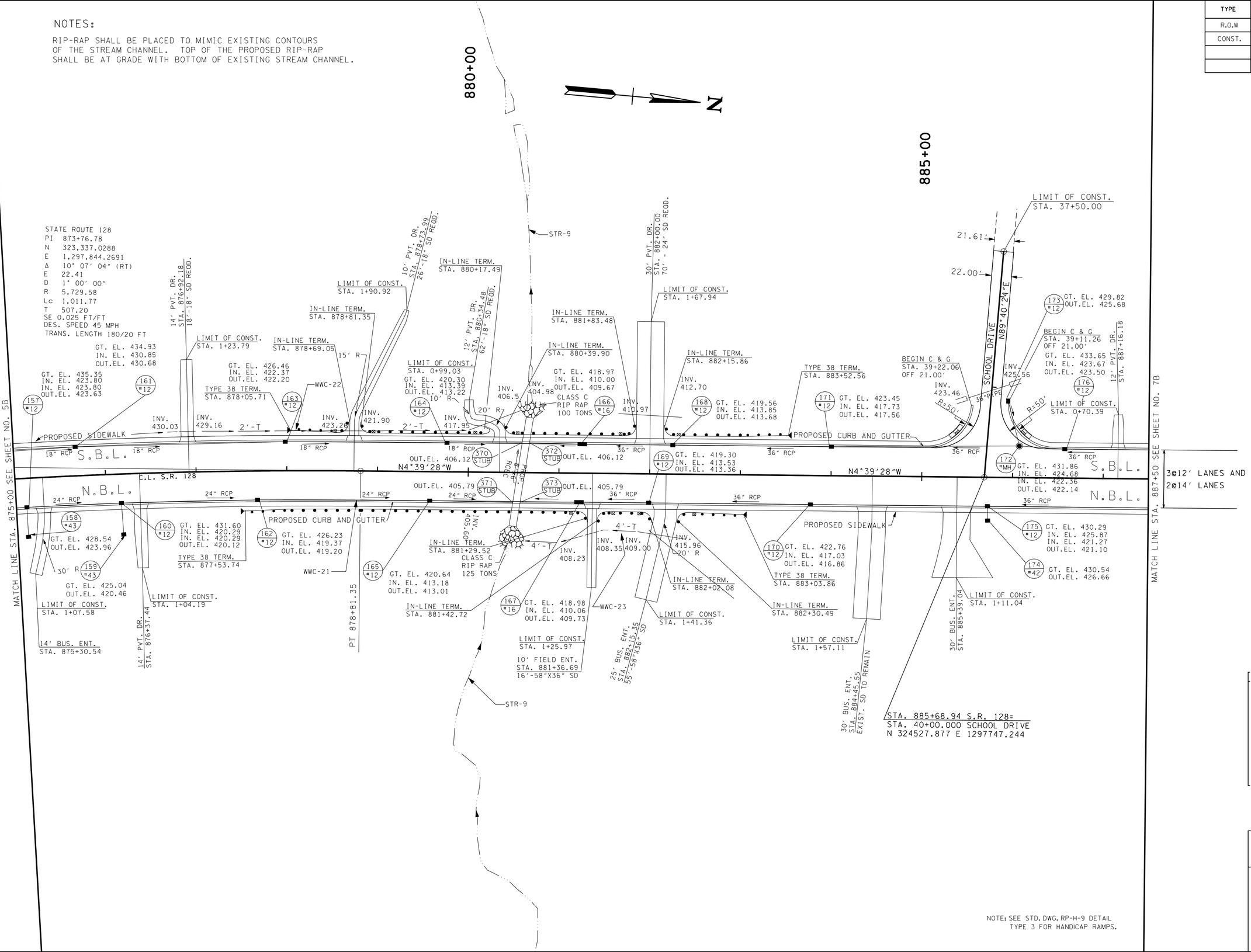
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	22B
CONST.	2015	NH-128(27)	6B

NOTES:

RIP-RAP SHALL BE PLACED TO MIMIC EXISTING CONTOURS OF THE STREAM CHANNEL. TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH BOTTOM OF EXISTING STREAM CHANNEL.



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

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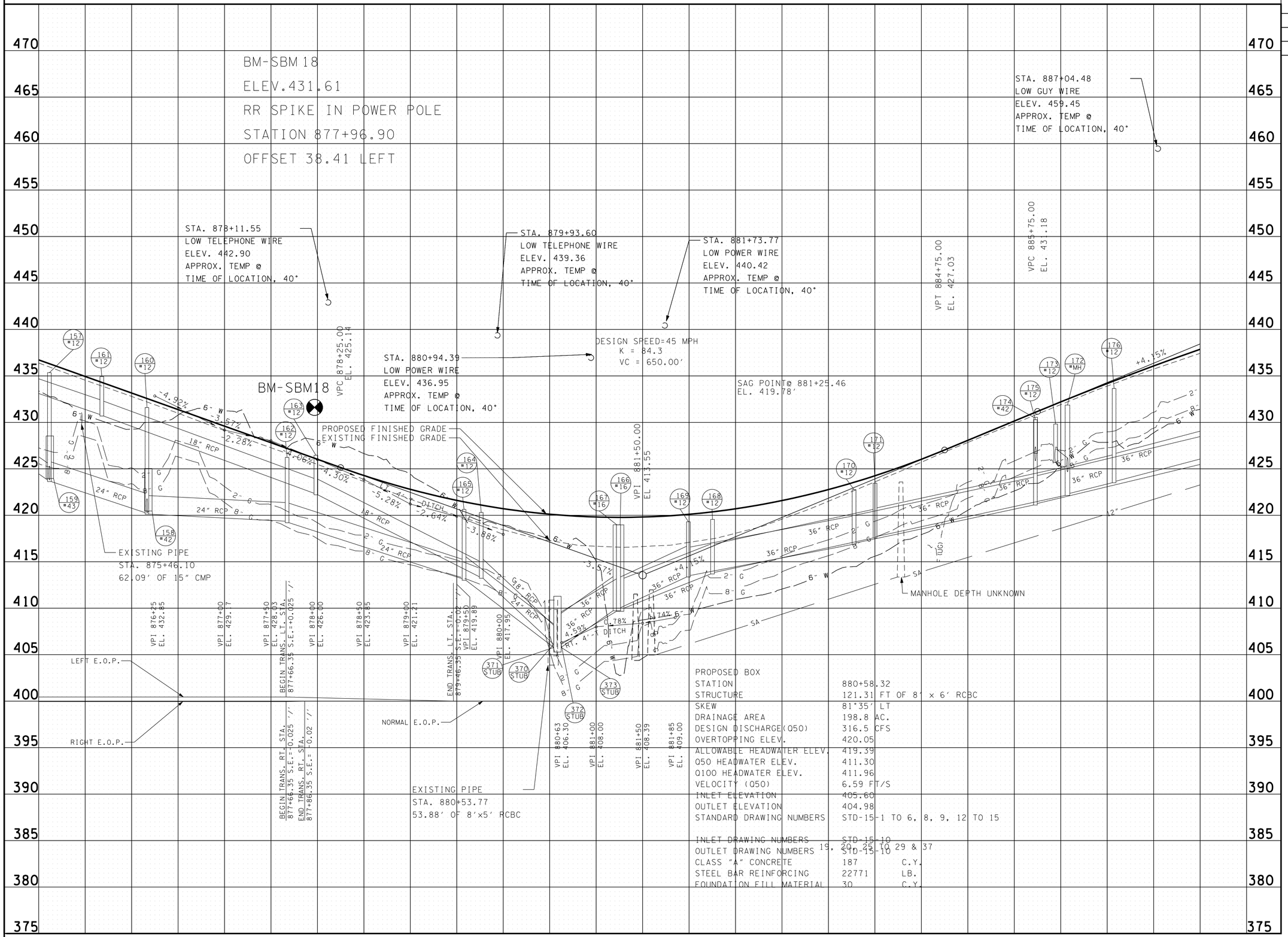
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	22C
CONST.	2015	NH-128(27)	6C



UNOFFICIAL SET
NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.875+00 TO STA.887+50
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23
CONST.	2015	NH-128(27)	7

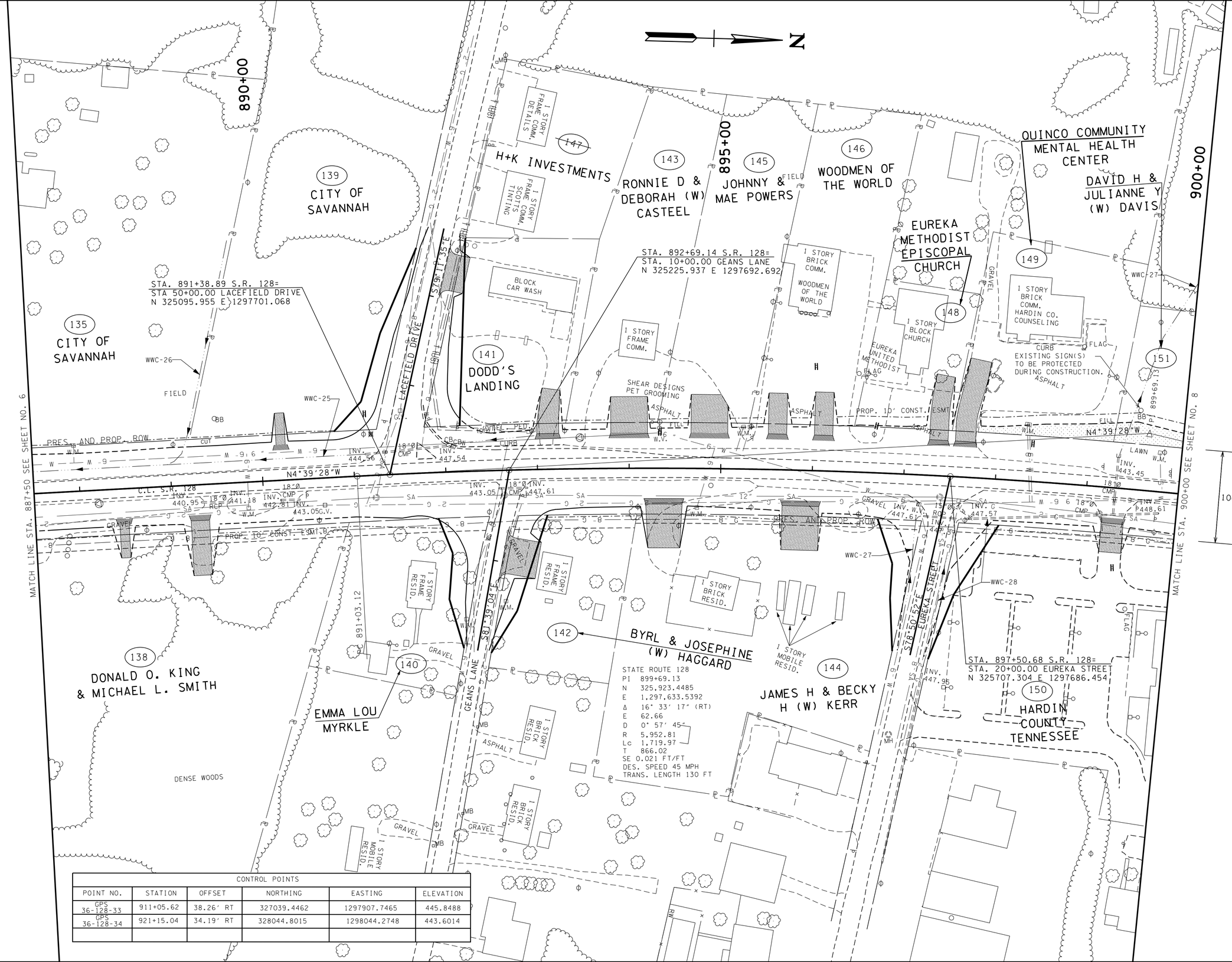
REV. 05/24/05: CHANGED NAME ON TRACT 139 TO CITY OF SAVANNAH. ADDED UTILITY INFORMATION. ADDED GAS EASEMENT.

REV. 07/12/05: ADDED DRIVE AT STA. 895+88 RT.

REV. 10/10/05: WIDENED DRIVES AT STA. 10+86 ON GEANS LN. AND STA. 894+35 ON SR128.

REV. 05/08/06: REMOVED 40' DRIVE TO TRACT 146 AND REPLACED WITH 2 - 20' DRIVES. ADDED NOTE FOR EXISTING SIGN TO BE PROTECTED ON TRACT 151.

REV. 10/02/06: CHANGED PROPERTY OWNER NAME TRACT NO. 138



STATE ROUTE 128
PI 899+69.13
N 325,923.4485
E 1,297,633.5392
Δ 16° 33' 17" (RT)
E 62.66
D 0° 57' 45"
R 5,952.81
Lc 1,719.97
T 866.02
SE 0.021 FT/FT
DES. SPEED 45 MPH
TRANS. LENGTH 130 FT

CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-33	911+05.62	38.26' RT	327039.4462	1297907.7465	445.8488
GPS 36-128-34	921+15.04	34.19' RT	328044.8015	1298044.2748	443.6014

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83/93/. ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23A
CONST.	2015	NH-128(27)	7A

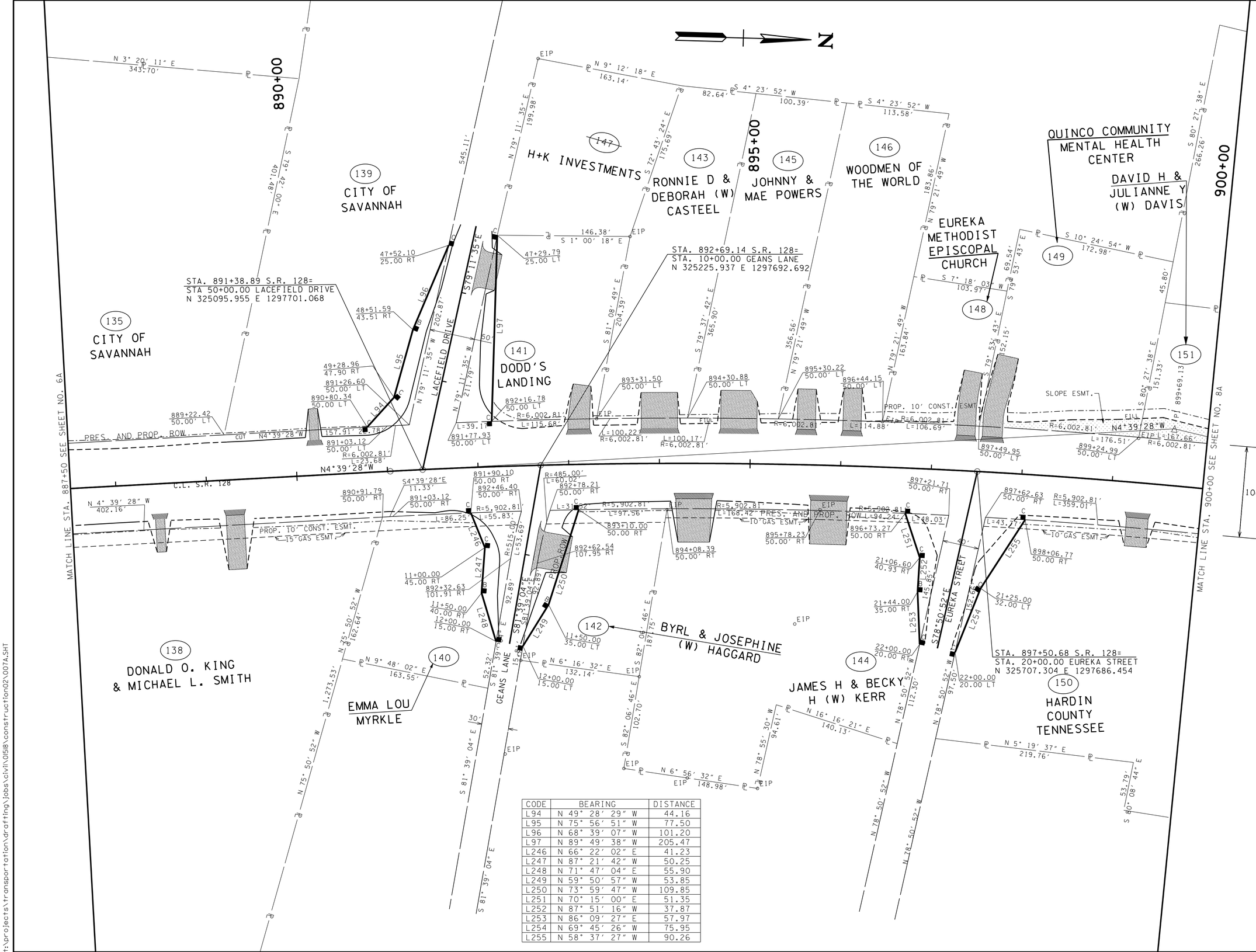
REV. 05/24/05: CHANGED NAME ON TRACT 139 TO CITY OF SAVANNAH. ADDED GAS EASEMENT.

REV. 07/12/05: ADDED DRIVE AT STA. 895+88 RT.

REV. 10/10/05: WIDENED DRIVES AT STA. 10+86 ON GEANS LN. AND STA. 894+35 ON SR128.

REV. 05/08/06: REMOVED 40' DRIVE TO TRACT 146 AND REPLACED WITH 2 - 20' DRIVES.

REV. 10/02/06: CHANGED PROPERTY OWNER NAME TRACT NO. 138.



CODE	BEARING	DISTANCE
L94	N 49° 28′ 29″ W	44.16
L95	N 75° 56′ 51″ W	77.50
L96	N 68° 39′ 07″ W	101.20
L97	N 89° 49′ 38″ W	205.47
L246	N 66° 22′ 02″ E	41.23
L247	N 87° 21′ 42″ W	50.25
L248	N 71° 47′ 04″ E	55.90
L249	N 59° 50′ 57″ W	53.85
L250	N 73° 59′ 47″ W	109.85
L251	N 70° 15′ 00″ E	51.35
L252	N 87° 51′ 16″ W	37.87
L253	N 86° 09′ 27″ E	57.97
L254	N 69° 45′ 26″ W	75.95
L255	N 58° 37′ 27″ W	90.26

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

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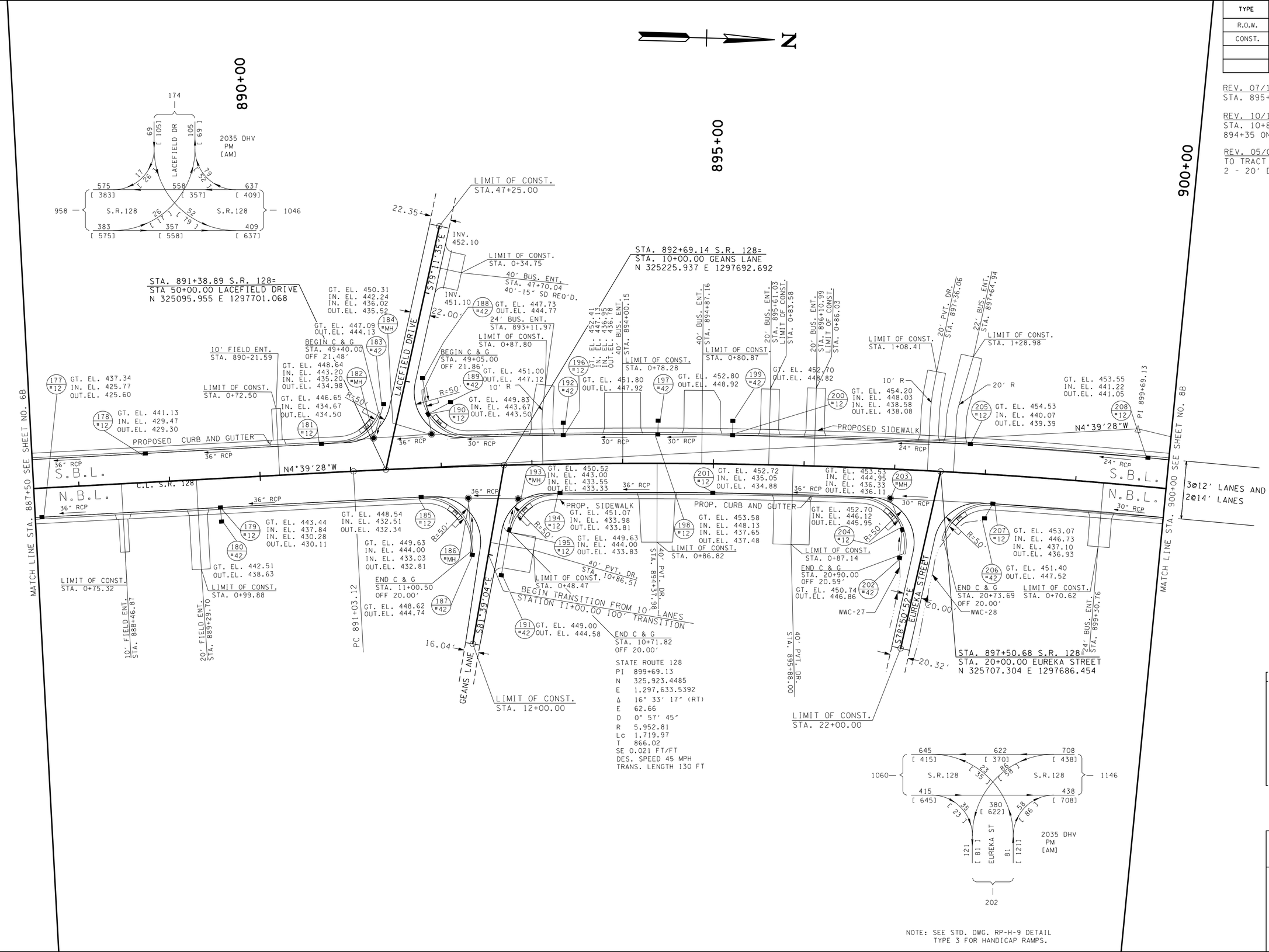
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23B
CONST.	2015	NH-128(27)	7B

REV. 07/12/05: ADDED DRIVE AT STA. 895+88 RT.

REV. 10/10/05: WIDENED DRIVES AT STA. 10+86 ON GEANS LN. AND STA. 894+35 ON SR128.

REV. 05/08/06: REMOVED 40' DRIVE TO TRACT 146 AND REPLACED WITH 2 - 20' DRIVES.



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

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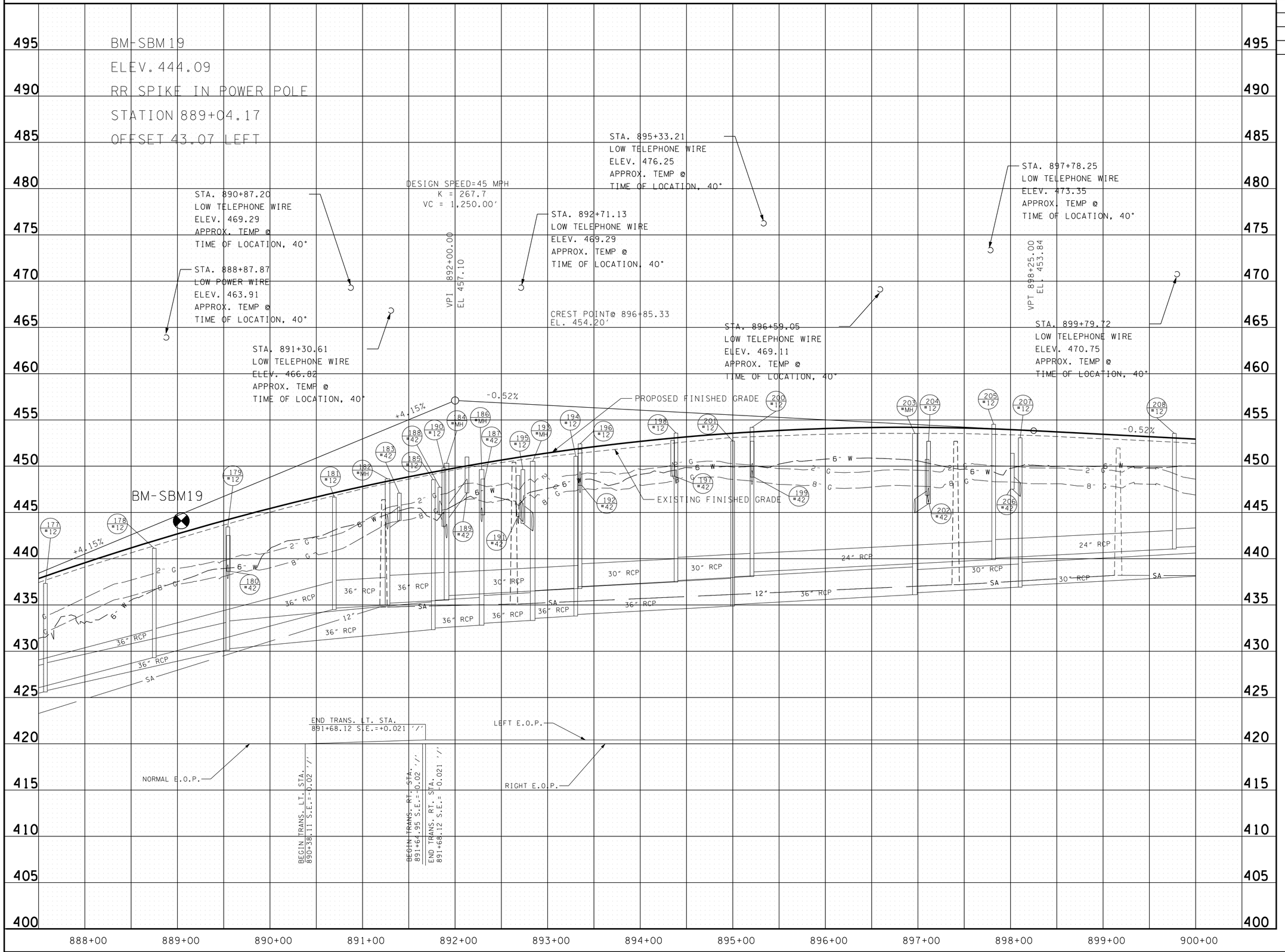
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23C
CONST.	2015	NH-128(27)	7C



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.887+50 TO STA.900+00

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

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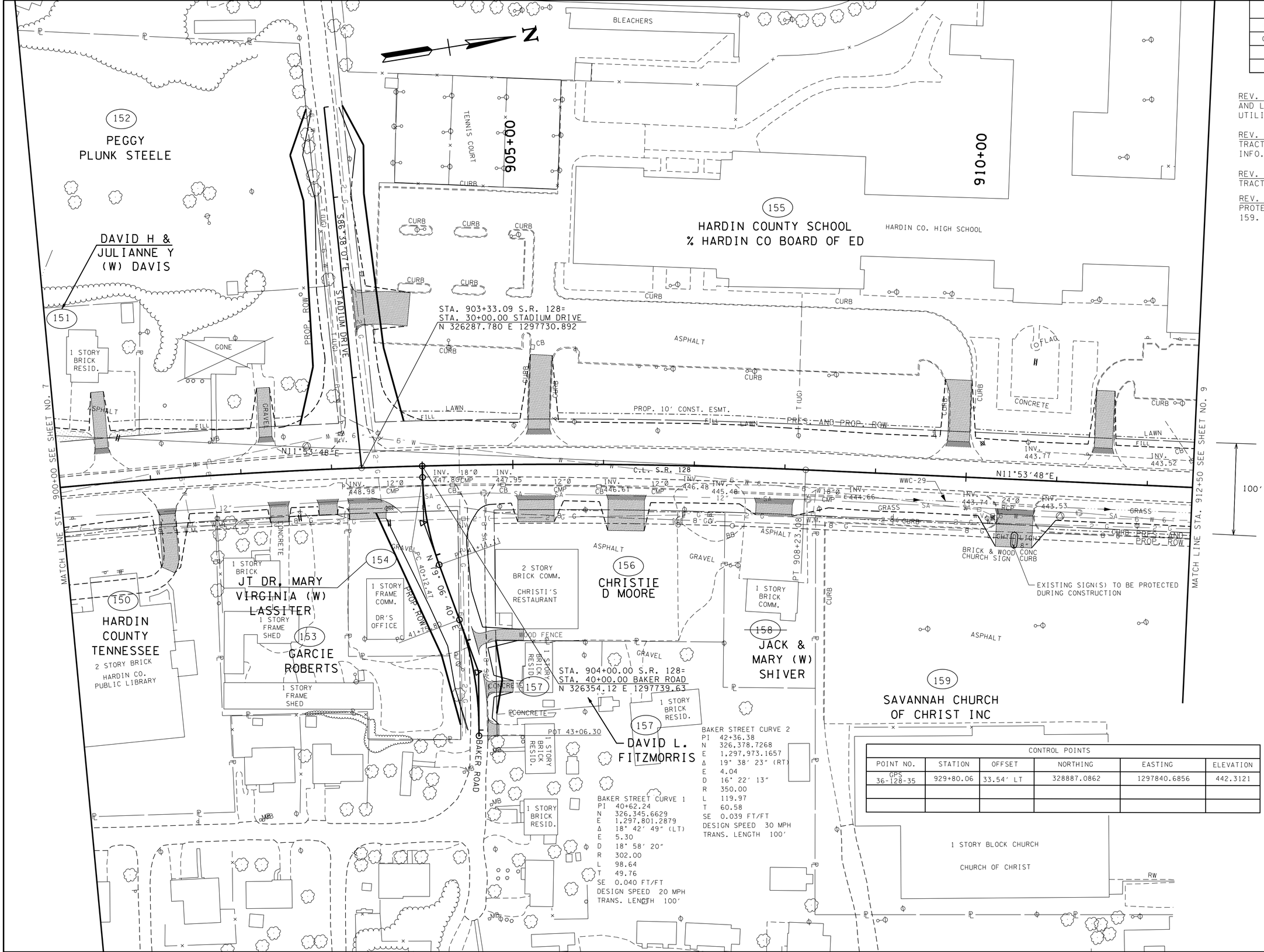
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24
CONST.	2015	NH-128(27)	8

REV. 05/24/05: REMOVED CONST. ESMT. AND LINED OUT TRACT 158. ADDED UTILITY INFORMATION. ADDED GAS ESMT.

REV. 07/12/05: ADDED FENCE TRACT 156. ADDED MISC. SURVEY INFO. TRACT 159.

REV. 01/27/06: REMOVED Z BAR FROM TRACT 156. ADDED TRACT 157.

REV. 05/08/06: ADDED NOTE TO PROTECT EXISTING SIGNS ON TRACT 159.



CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-35	929+80.06	33.54' LT	328887.0862	1297840.6856	442.3121

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 83/1997, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

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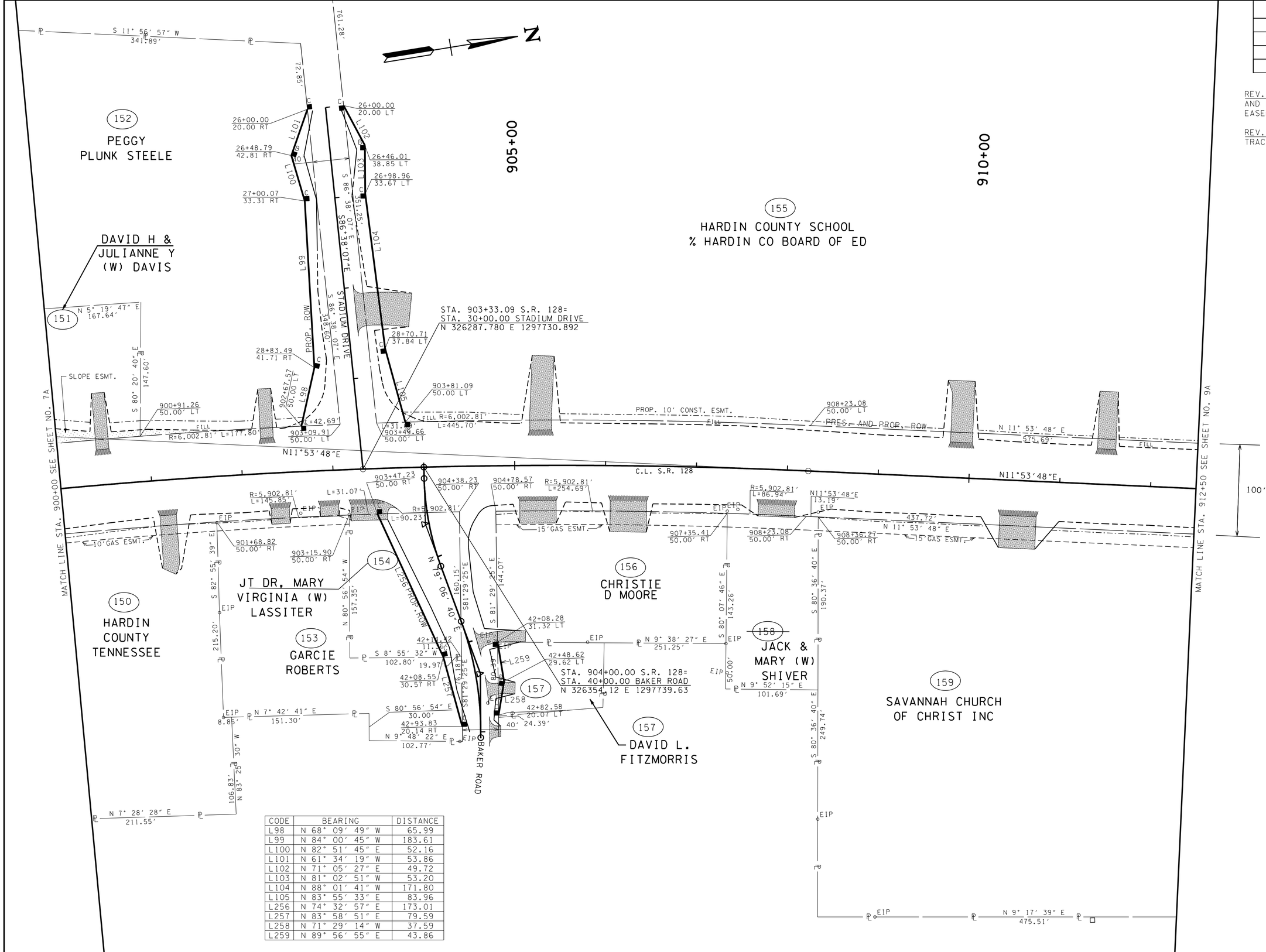
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24A
CONST.	2015	NH-128(27)	8A

REV. 05/24/05: REMOVED CONST. ESMT. AND LINED OUT TRACT 158. ADDED GAS EASEMENT.

REV. 01/27/06: REMOVED Z BAR FROM TRACT 156. ADDED TRACT 157.



CODE	BEARING	DISTANCE
L98	N 68° 09′ 49″ W	65.99
L99	N 84° 00′ 45″ W	183.61
L100	N 82° 51′ 45″ E	52.16
L101	N 61° 34′ 19″ W	53.86
L102	N 71° 05′ 27″ E	49.72
L103	N 81° 02′ 51″ W	53.20
L104	N 88° 01′ 41″ W	171.80
L105	N 83° 55′ 33″ E	83.96
L256	N 74° 32′ 57″ E	173.01
L257	N 83° 58′ 51″ E	79.59
L258	N 71° 29′ 14″ W	37.59
L259	N 89° 56′ 55″ E	43.86

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83HPGN. ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
R.O.W.
LAYOUT

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

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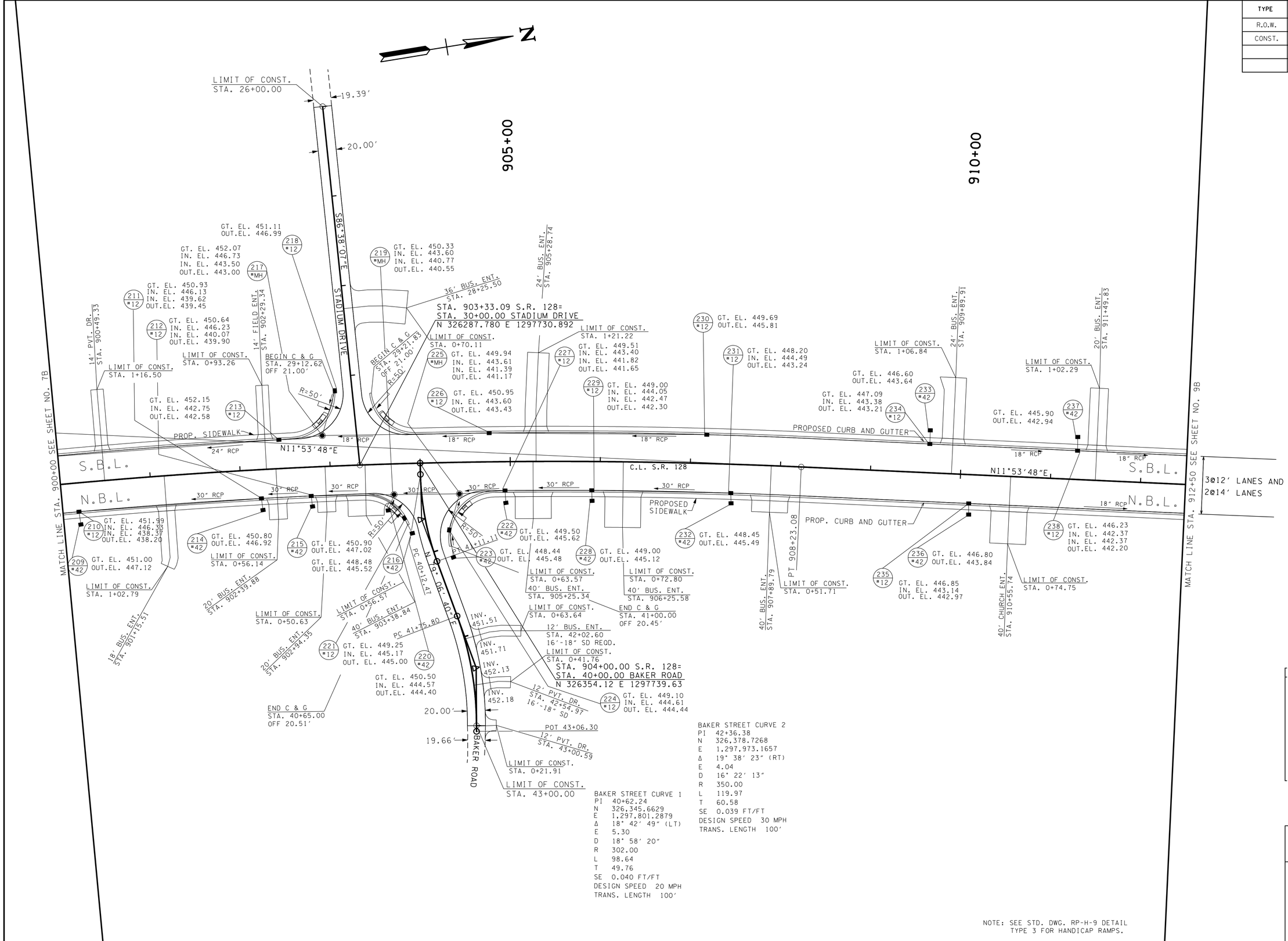
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24B
CONST.	2015	NH-128(27)	8B



BAKER STREET CURVE 1
PI 40+62.24
N 326,345.6629
E 1,297,801.2879
Δ 18° 42' 49" (LT)
E 5.30
D 18° 58' 20"
R 302.00
L 98.64
T 49.76
SE 0.040 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 100'

BAKER STREET CURVE 2
PI 42+36.38
N 326,378.7268
E 1,297,973.1657
Δ 19° 38' 23" (RT)
E 4.04
D 16° 22' 13"
R 350.00
L 119.97
T 60.58
SE 0.039 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100'

NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

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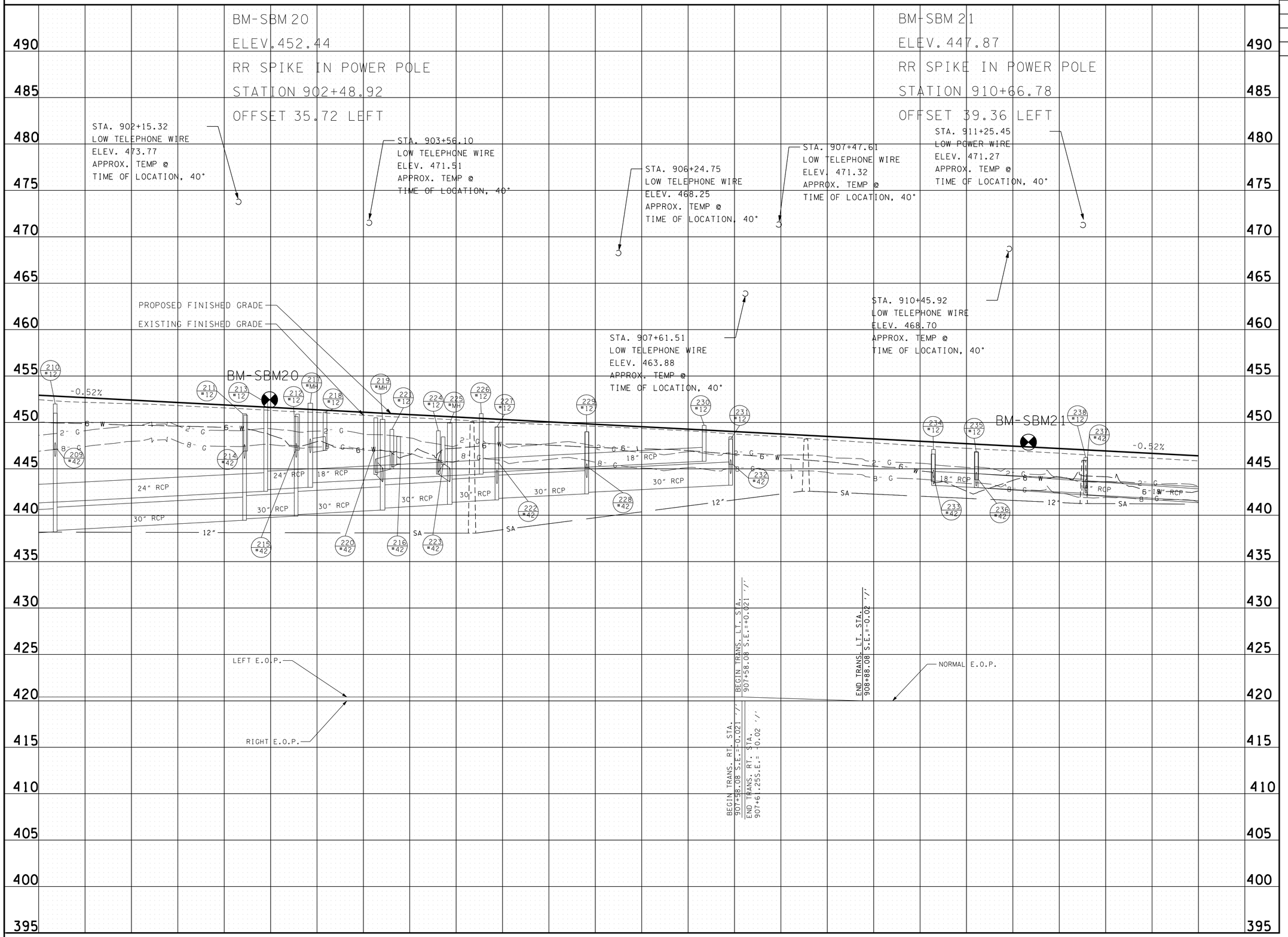
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24C
CONST.	2015	NH-128(27)	8C



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.900+00 TO STA.912+50

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

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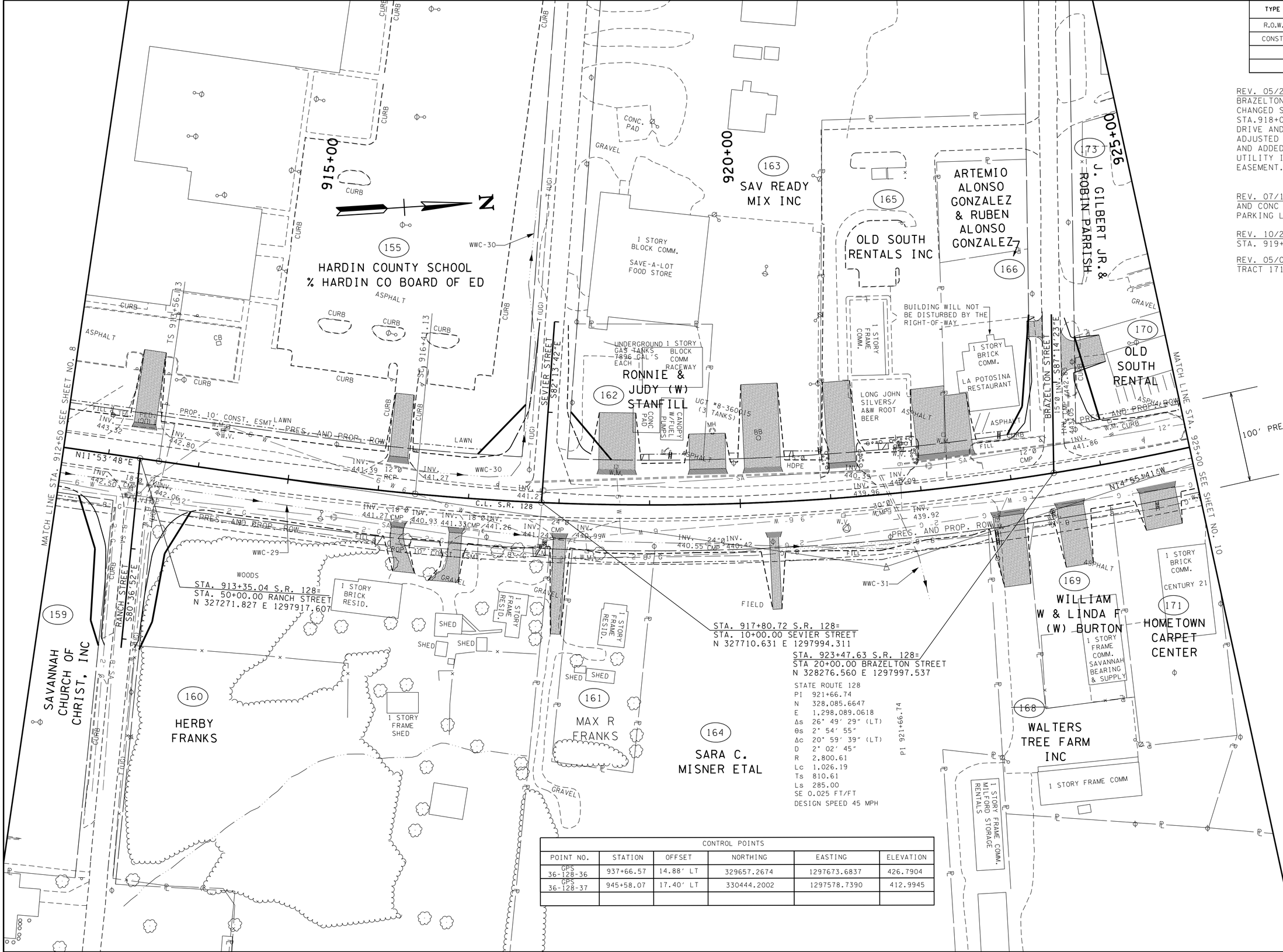
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25
CONST.	2015	NH-128(27)	9

REV. 05/24/05: ADD 30' DRIVE OFF BRAZELTON ST. AT STA. 18+69 LT. CHANGED SLOPES ON DRIVES AT STA.918+02 RT. 921+15 LT. ADJUSTED DRIVE AND SLOPES AT STA. 922+91. ADJUSTED ROW AT BRAZELTON STREET AND ADDED NOTE TO TRACT 166. ADDED UTILITY INFORMATION. ADDED GAS EASEMENT.

REV. 07/12/05: ADDED GAS TANKS AND CONC PAD TRACT 162. ADDED PARKING LINES TRACTS 166 & 170.

REV. 10/28/05: ADDED DRIVE AT STA. 919+65.02 LT.

REV. 05/08/06: CHANGED NAME ON TRACT 171.



CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-36	937+66.57	14.88' LT	329657.2674	1297673.6837	426.7904
GPS 36-128-37	945+58.07	17.40' LT	330444.2002	1297578.7390	412.9945

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

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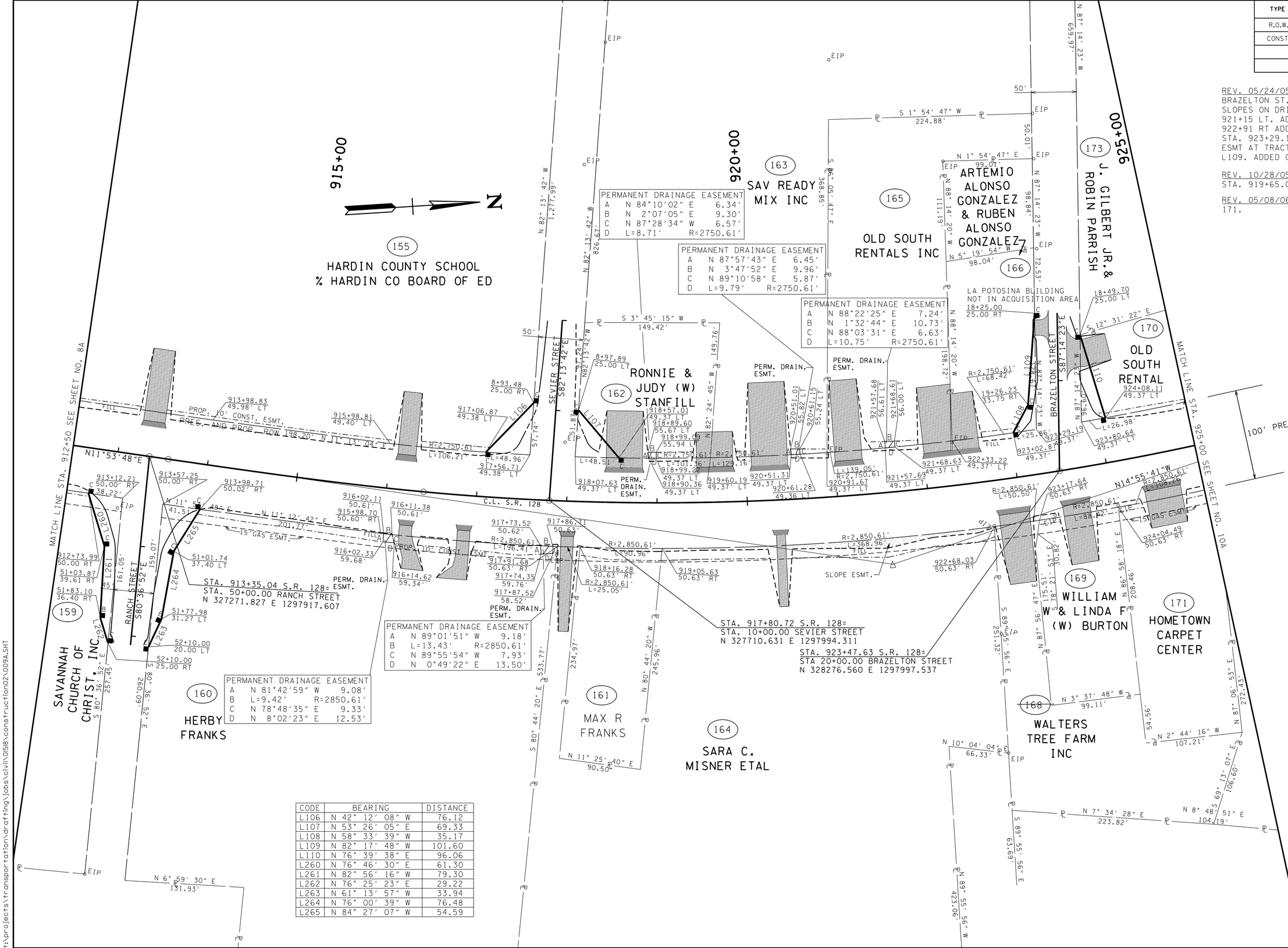
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25A
CONST.	2015	NH-128(27)	9A

REV. 05/24/05: ADDED 30' DRIVE OFF BRAZELTON ST. AT STA.18+69 LT. CHANGED SLOPES ON DRIVES AT STA.918+02 RT. 921+15 LT. ADJUSTED DRIVE AT STA. 922+91 RT ADDED STA/OFF FLAG AT SR128 STA. 923+29.19 LT. CHANGED "C" ON DRAIN. ESMT AT TRACT 163. ADJUSTED L108 AND L109. ADDED GAS EASEMENT.

REV. 10/28/05: ADDED DRIVE AT STA. 919+65.02 LT.

REV. 05/08/06: CHANGED NAME ON TRACT 171.



CODE	BEARING	DISTANCE
L106	N 42° 12' 08" W	76.12
L107	N 53° 26' 05" E	69.33
L108	N 58° 33' 39" W	35.17
L109	N 82° 17' 48" W	101.60
L110	N 76° 39' 38" E	96.06
L260	N 76° 46' 30" E	61.30
L261	N 82° 56' 16" W	79.30
L262	N 76° 25' 23" E	29.22
L263	N 61° 13' 57" W	33.94
L264	N 76° 00' 39" W	76.48
L265	N 84° 27' 07" W	54.59

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

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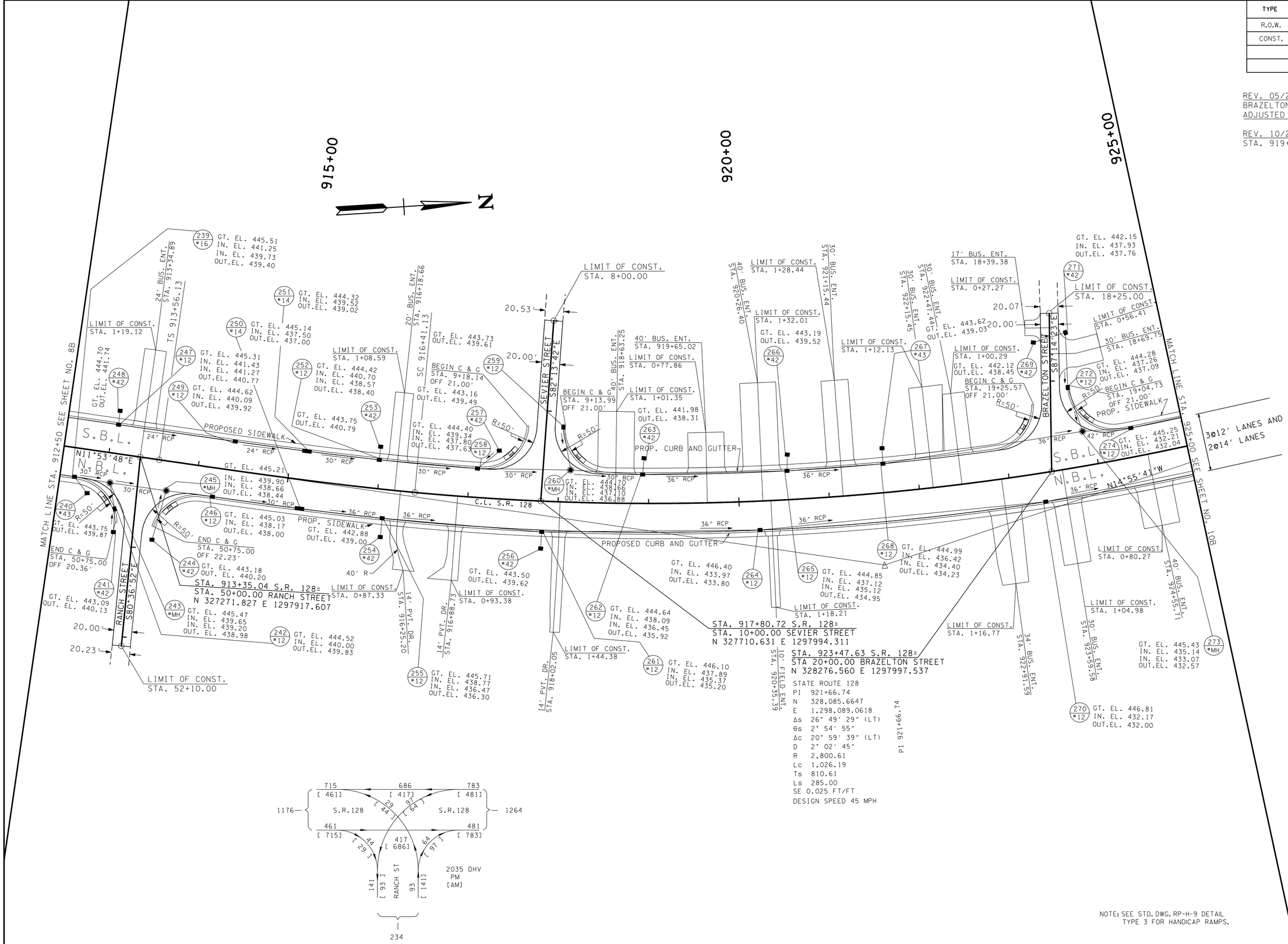
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25B
CONST.	2015	NH-128(27)	9B

REV. 05/24/05: ADD 30' DRIVE OFF BRAZELTON ST. AT STA. 18+69 LT. ADJUSTED DRIVE AT STA. 922+91 RT.

REV. 10/28/05: ADDED DRIVE AT STA. 919+65.02 LT.



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

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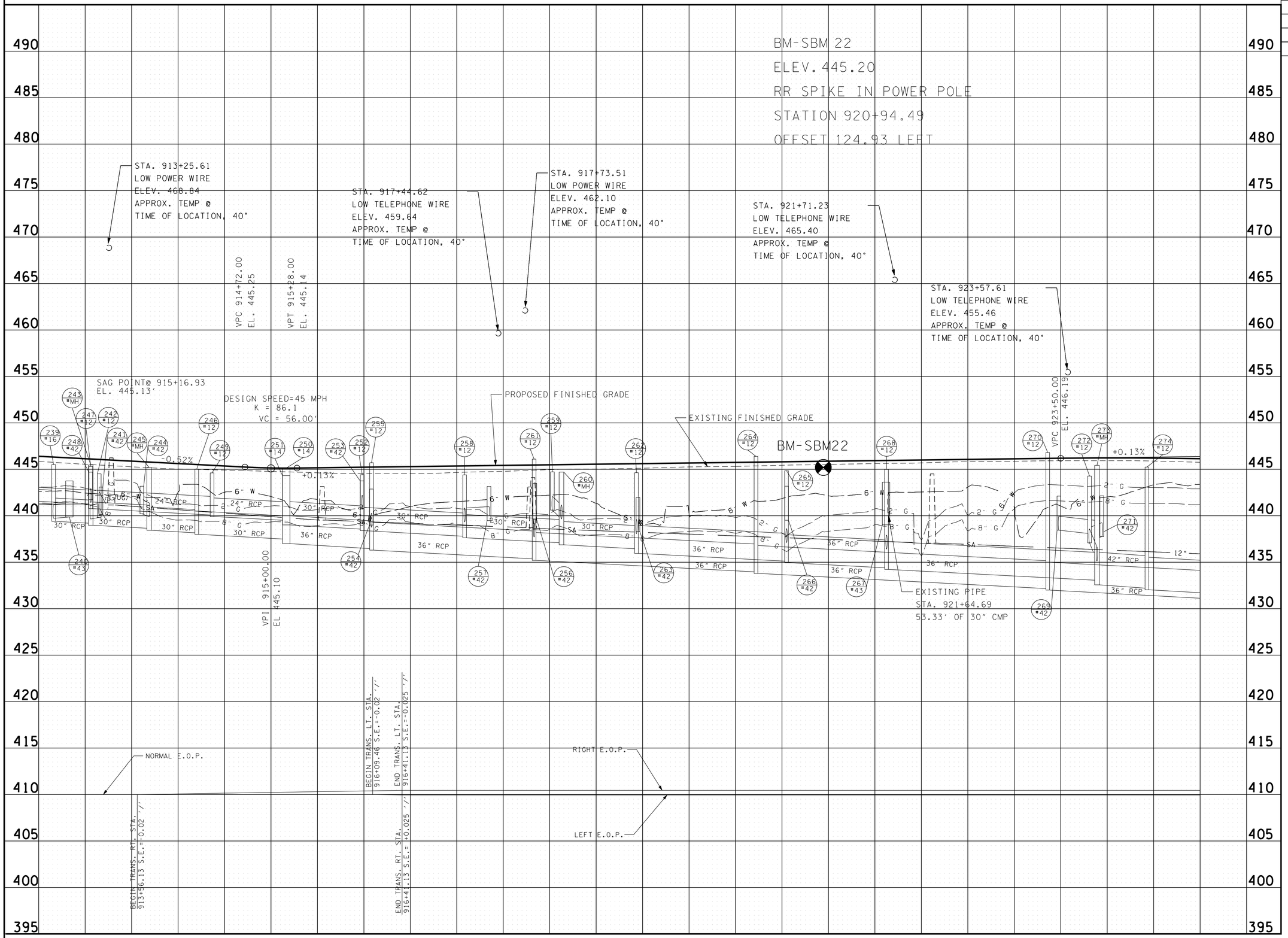
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25C
CONST.	2015	NH-128(27)	9C



UNOFFICIAL SET
NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.912+50 TO STA.925+00
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	26
CONST.	2015	NH-128(27)	10

REV. 05/24/05: CHANGED NAME ON TRACT 172. WIDENED DRIVE AT STA. 926+56 LT. PLACED Z BAR ACROSS SR128 ON TRACT 176. CHANGED SLOPES ON DRIVE AT STA. 926+98.68 RT. ADJUSTED DRIVES AND SLOPES AT STA. 933+89 LT AND 936+86 LT. REMOVED CONST. ESMT. ON TRACTS 174 AND 183. LINED OUT TRACT 174. ADDED UTILITY INFORMATION. ADDED GAS EASEMENT.

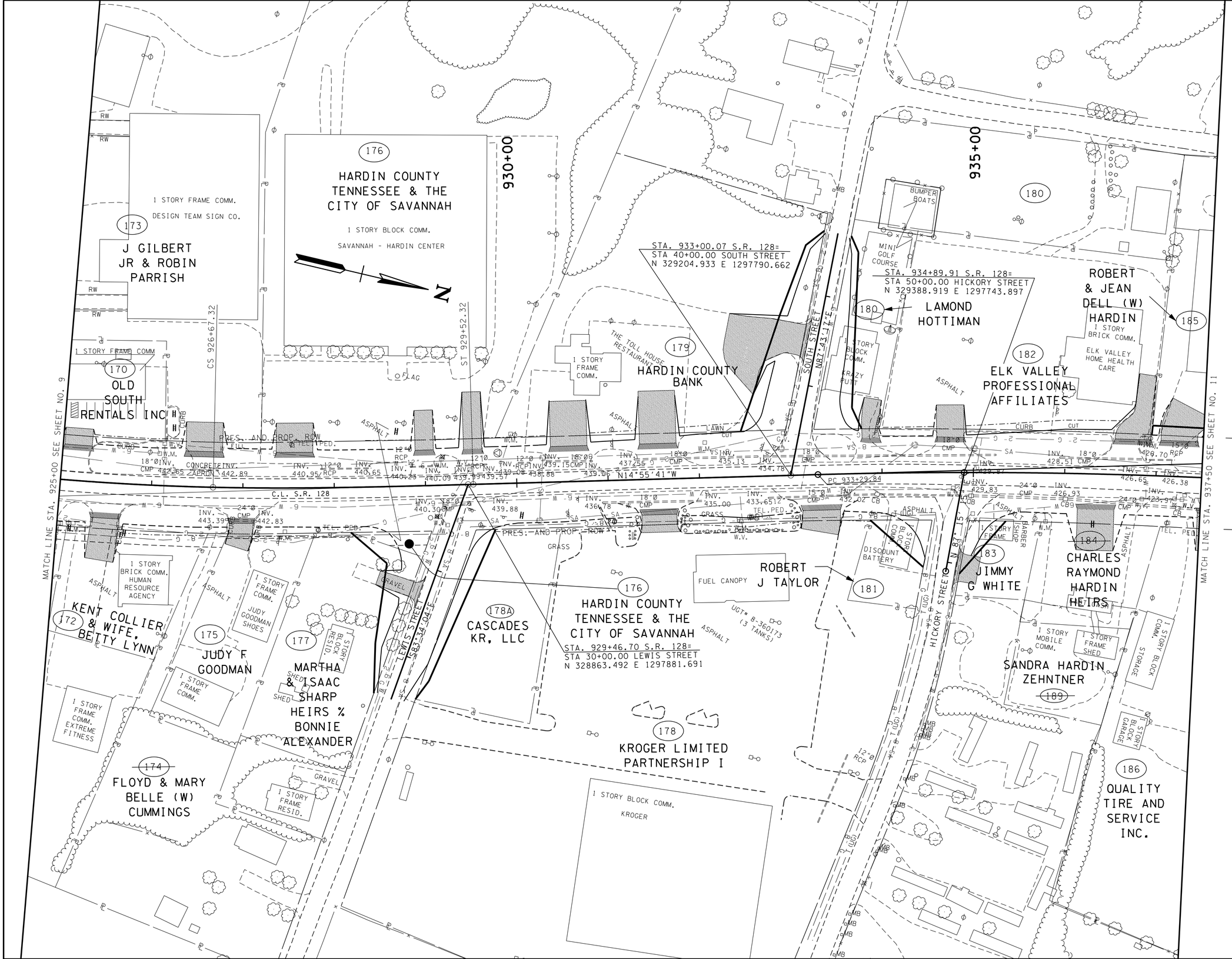
REV. 07/12/05: CHANGED NAME TRACTS 179 & 186. ADDED PARKING LINES TRACT 170. ADDED MISC. SURVEY INFO TRACT 178. WIDENED DRIVE AT STA. 937+23 LT.

REV. 10/10/05: MOVED DRIVE AT STA. 928+10 LT. TO STA. 927+56 LT. ADDED DRIVE AT 937+67 RT.

REV. 05/08/06: CHANGED NAME ON TRACT 172.

REV. 10/02/06: CHANGED NAME ON TRACT 182. ADDED DELETE LINE TRACT 184.ADDED Z-BAR AND PROPERTY LINES TRACT 180.

REV. 12/15/06: CHANGED NAME ON TRACT 182. ADDED TRACT 178A. ADDED 5' TO EXISTING R.O.W. ON LEWIS STREET.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(93). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	26A
CONST.	2015	NH-128(27)	10A

REV. 05/24/05: CHANGED NAME ON TRACT 172. WIDENED DRIVE AT STA. 926+56 LT. PLACED Z BAR ACROSS SR128 ON TRACT 176. CHANGED SLOPES ON DRIVE AT STA. 926+98.68 RT. ADJUSTED DRIVES AND SLOPES AT STA. 933+89 LT AND 936+86 LT. REMOVED CONST. ESMT. ON TRACTS 174 AND 183. LINED OUT TRACT 174. ADDED GAS EASEMENT.

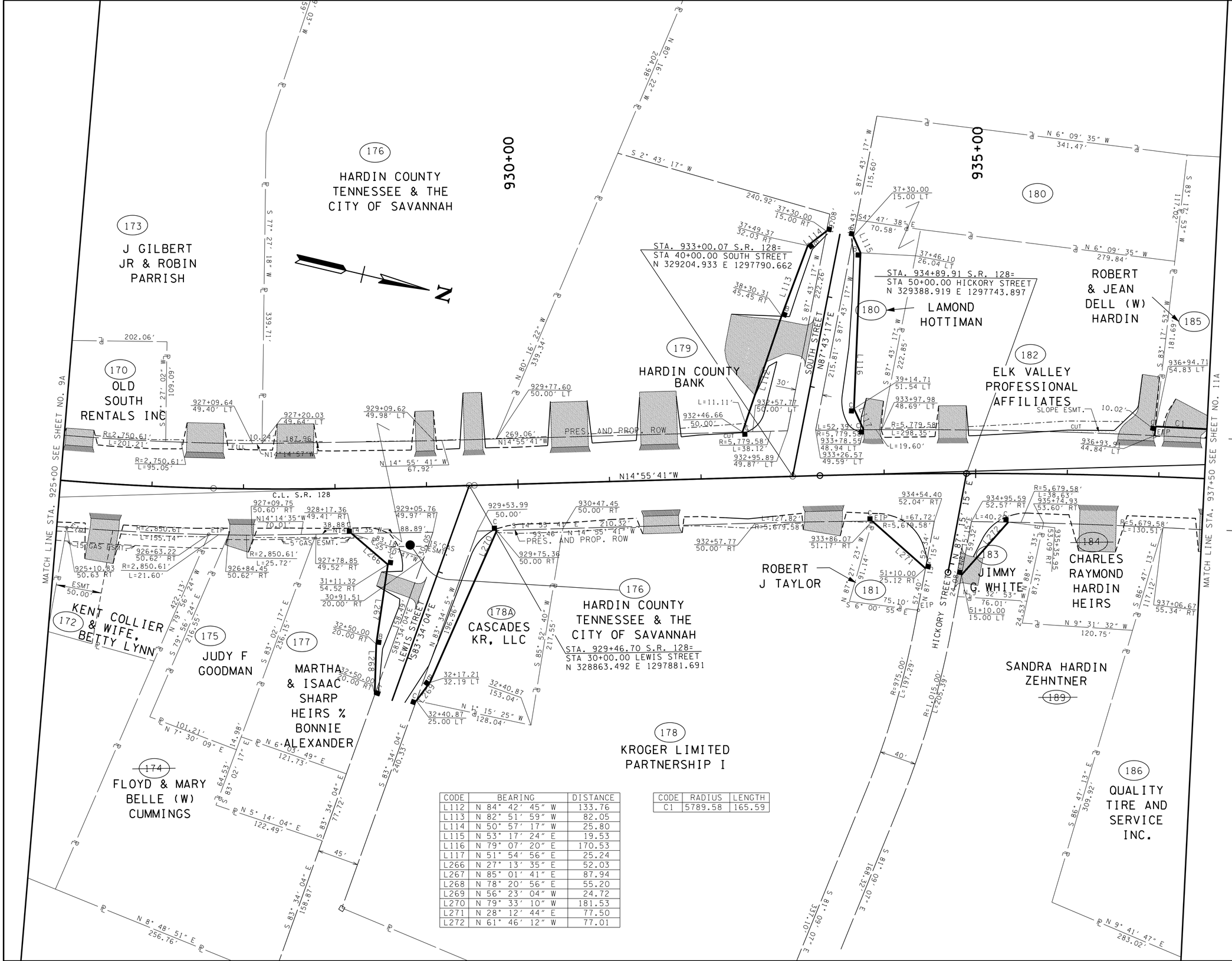
REV. 07/12/05: CHANGED NAME ON TRACTS 179 & 186. WIDENED DRIVE AT STA. 937+23 LT.

REV. 10/10/05: MOVED DRIVE AT STA. 928+10 LT. TO STA. 927+56 LT. ADDED DRIVE AT 937+67 RT.

REV. 05/08/06: CHANGED NAME ON TRACT 172.

REV. 10/02/06: CHANGED NAME ON TRACT 182. ADDED DELETE LINE TRACT 184.ADDED Z-BAR AND PROPERTY LINES TRACT 180.

REV. 12/15/06: CHANGED NAME ON TRACT 182. ADDED TRACT 178A. ADDED 5' TO EXISTING R.O.W. ON LEWIS STREET. CHANGED THE LENGTH OF L269.



CODE	BEARING	DISTANCE
L112	N 84° 42' 45" W	133.76
L113	N 82° 51' 59" W	82.05
L114	N 50° 57' 17" W	25.80
L115	N 53° 17' 24" E	19.53
L116	N 79° 07' 20" E	170.53
L117	N 51° 54' 56" E	25.24
L266	N 27° 13' 35" E	52.03
L267	N 85° 01' 41" E	87.94
L268	N 78° 20' 56" E	55.20
L269	N 56° 23' 04" W	24.72
L270	N 79° 33' 10" W	181.53
L271	N 28° 12' 44" E	77.50
L272	N 61° 46' 12" W	77.01

CODE	RADIUS	LENGTH
C1	5789.58	165.59

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83 US.FT.SS, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
R.O.W.
LAYOUT

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

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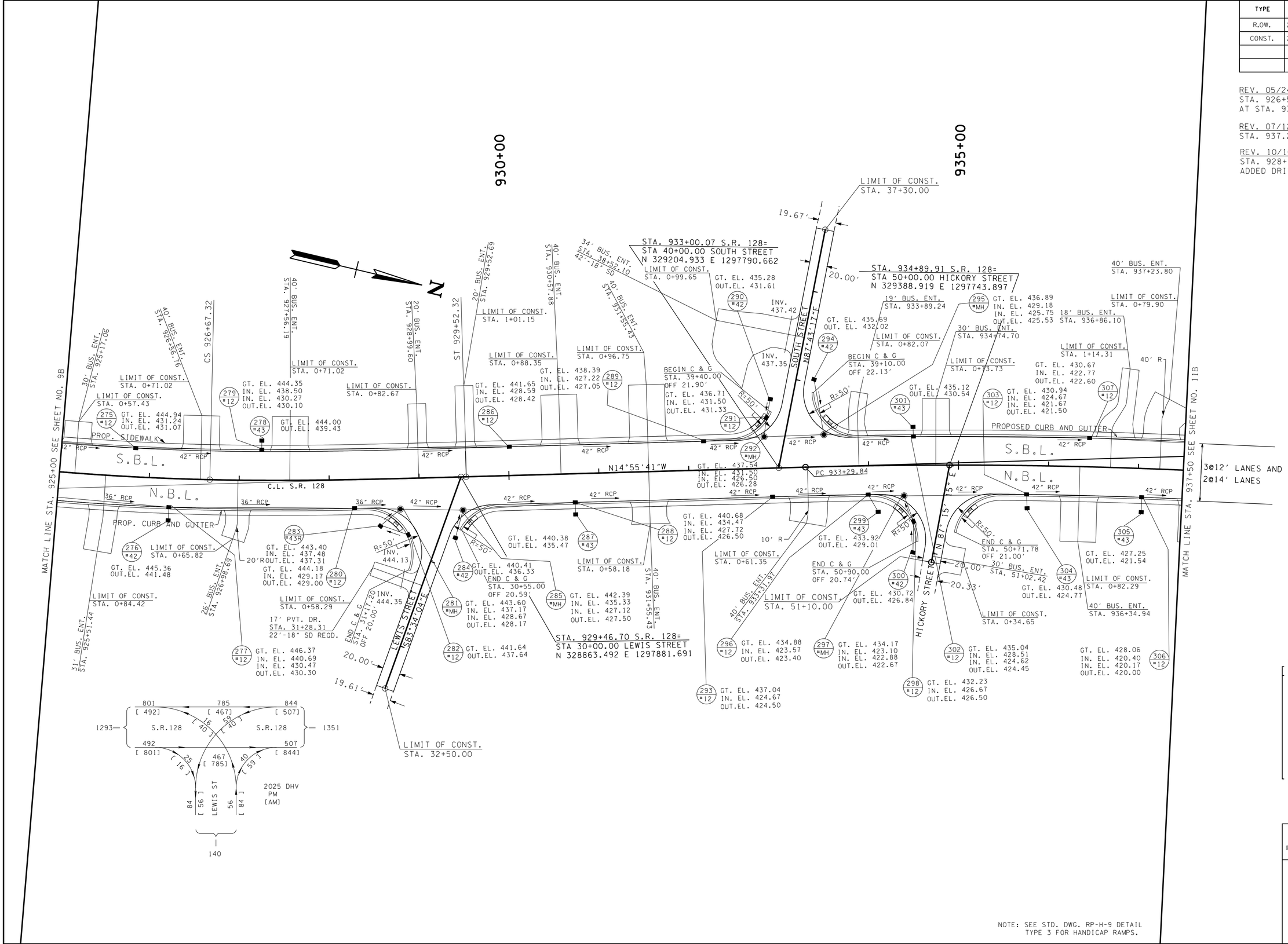
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.OW.	2004	STP-128(11)	26B
CONST.	2015	NH-128(27)	10B

REV. 05/24/05: WIDENED DRIVE AT STA. 926+56 LT. ADJUSTED DRIVES AT STA. 933+89 LT. AND 936+86 LT.

REV. 07/12/05: WIDENED DRIVE AT STA. 937.23 LT.

REV. 10/10/05: MOVED DRIVE AT STA. 928+10 LT. TO STA. 927+56 LT. ADDED DRIVE AT 937+67 RT..



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

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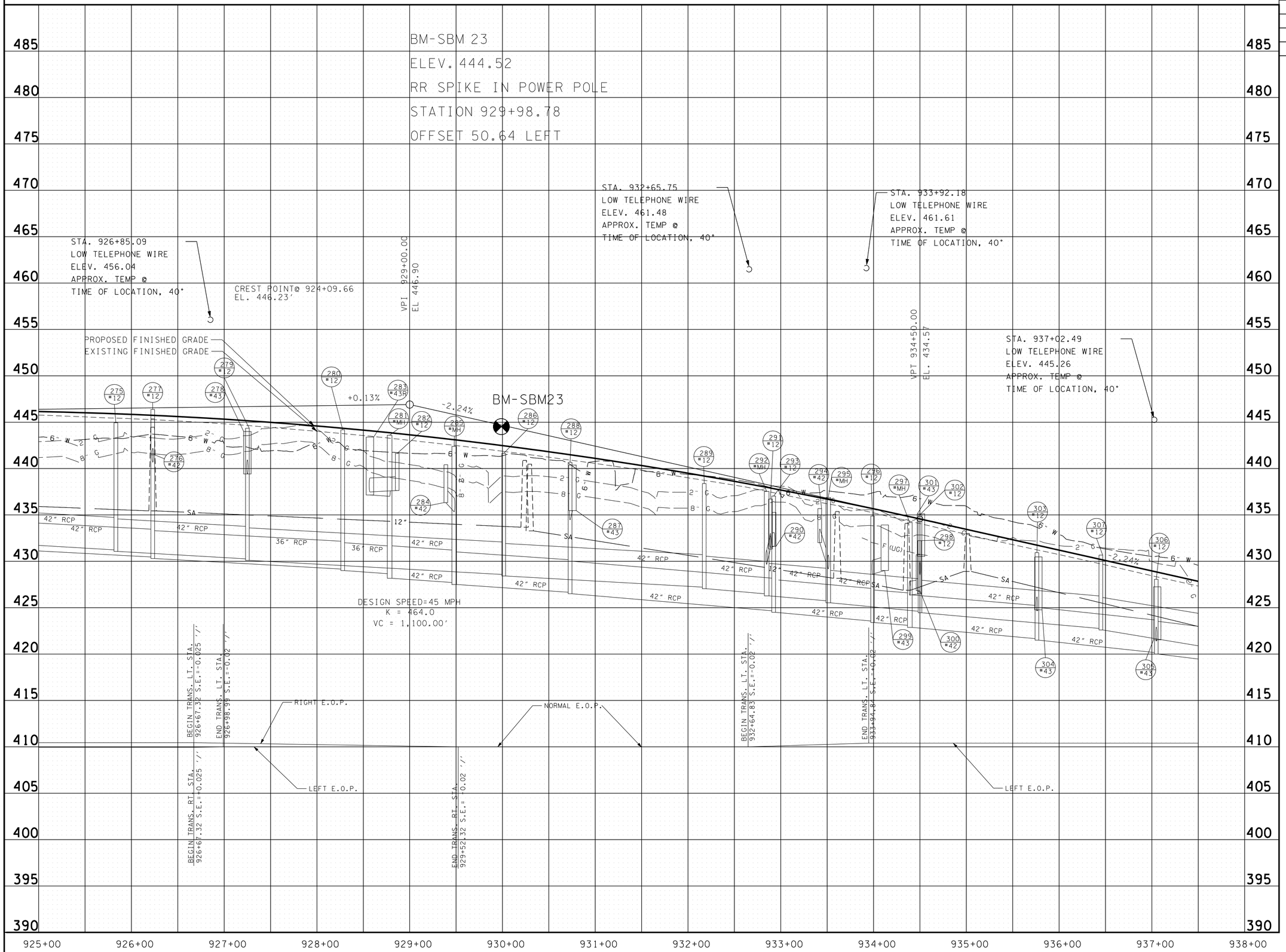
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	26C
CONST.	2015	NH-128(27)	10C



UNOFFICIAL SET
NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.925+00 TO STA.937+50
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	27
CONST.	2015	NH-128(27)	11

REV. 05/24/05: REMOVED CONST. ESMT. AND LINED OUT TRACT 202, REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT. ADDED UTILITY INFORMATION. ADDED PERMANENT DRAINAGE ESMT. TO TRACT 191.

REV. 07/12/05: CHANGED NAME TRACTS 186 & 188. MOVED DRIVE AT STA. 943+33 LT TO 943+13 LT. WIDENED DRIVES AT 940+23 LT, 941+51 LT, 943+13 LT, AND 938+32 LT.

REV. 08/30/05: ADDED DRIVE AT STA. 946+96 RT.

REV. 10/10/05: ADDED DRIVE AT STA 937+67 RT.

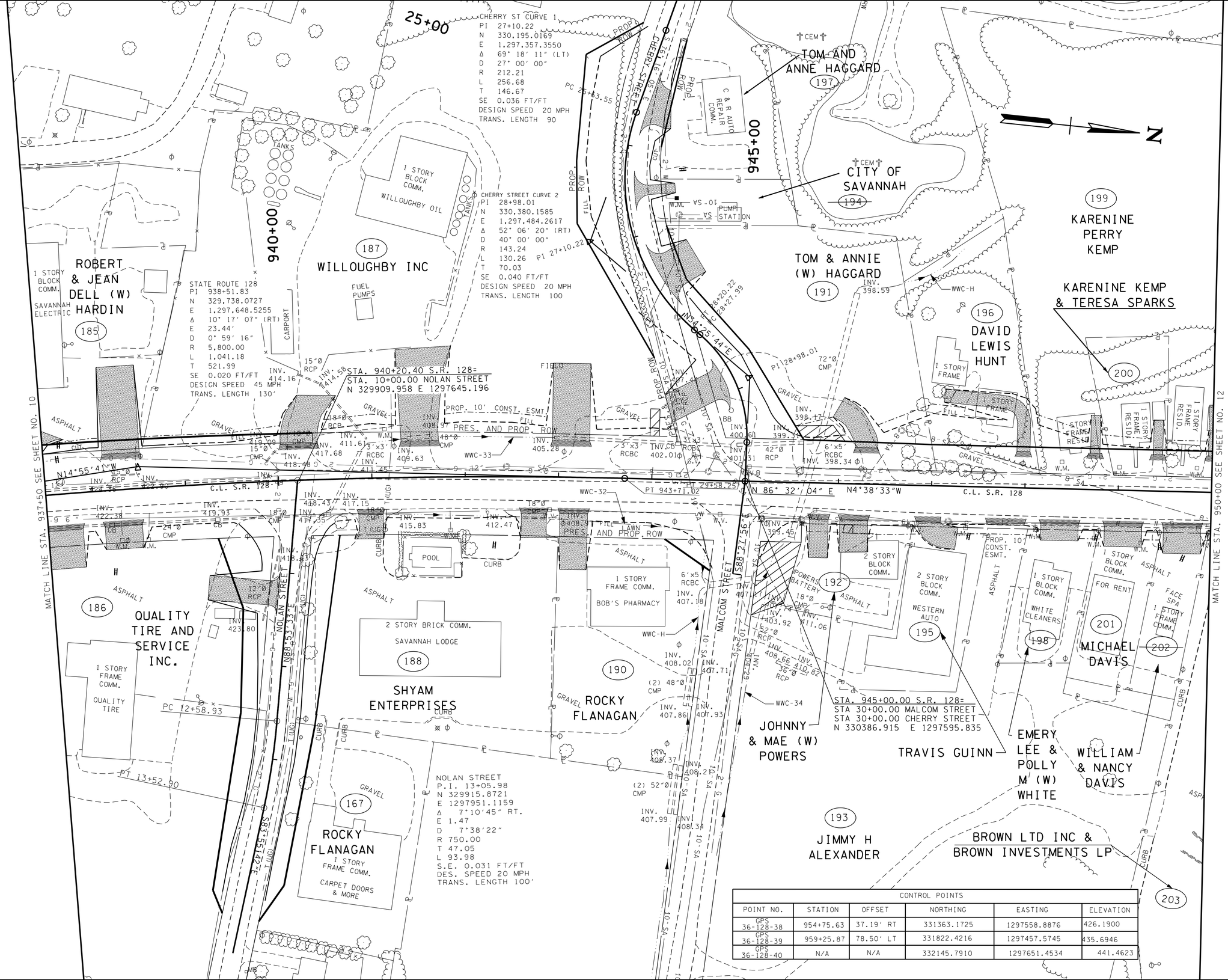
REV. 05/08/06: ADDED DRIVE AT STA 943+16.09 RT. ADDED DRIVE ON CHERRY ST. STA. 27+51± LT.

REV. 10/02/06: ADDED DELETE LINE TRACT 194. CHANGED PROPERTY LINES FOR TRACT 192 AND 193.

REV. 12/15/06: ADDED DRIVE ON CHERRY STREET AT STA 28+85.31.

REV. 02/16/07: RELOCATED DRIVE AT STA. 945+81.25 RT. TO STA. 945+79.51 RT. AND ADDED DRIVE AT STA. 946+17.01 RT.

REV. 03/05/07: CHANGED THE NAME OF THE OWNER ON TRACT 195.



CONTROL POINTS					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
GPS 36-128-38	954+75.63	37.19′ RT	331363.1725	1297558.8876	426.1900
GPS 36-128-39	959+25.87	78.50′ LT	331822.4216	1297457.5745	435.6946
GPS 36-128-40	N/A	N/A	332145.7910	1297651.4534	441.4623

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(93). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.937+50 TO STA.950+00

SCALE: 1″= 50′

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	27A
CONST.	2015	NH-128(27)	11A

REV. 05/24/05: PLACED DISTANCE ON NORTH AND SOUTH PRES. R.O.W. ON CHERRY ST. BETWEEN STA. 25+02± AND 25+23±. ADDED STA/OFF FLAG ON DRAIN. ESMT. AT STA. 946+07.46 RT. REMOVED CONST. ESMT. AND LINED OUT TRACT 202. REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACTS. ADDED PERM. DRAINAGE ESMT. TO TRACT 191. ADJUSTED ROW LENGTHS ON CHERRY STREET.

REV. 07/12/05: CHANGED NAME ON TRACTS 186 & 188. MOVED DRIVE AT STA. 943+33 LT TO 943+13 LT. WIDENED DRIVES AT 940+23 LT, 941+51 LT, 943+13 LT, AND 938+32 LT.

REV. 08/30/05: ADDED DRIVE AT STA. 946+96 RT.

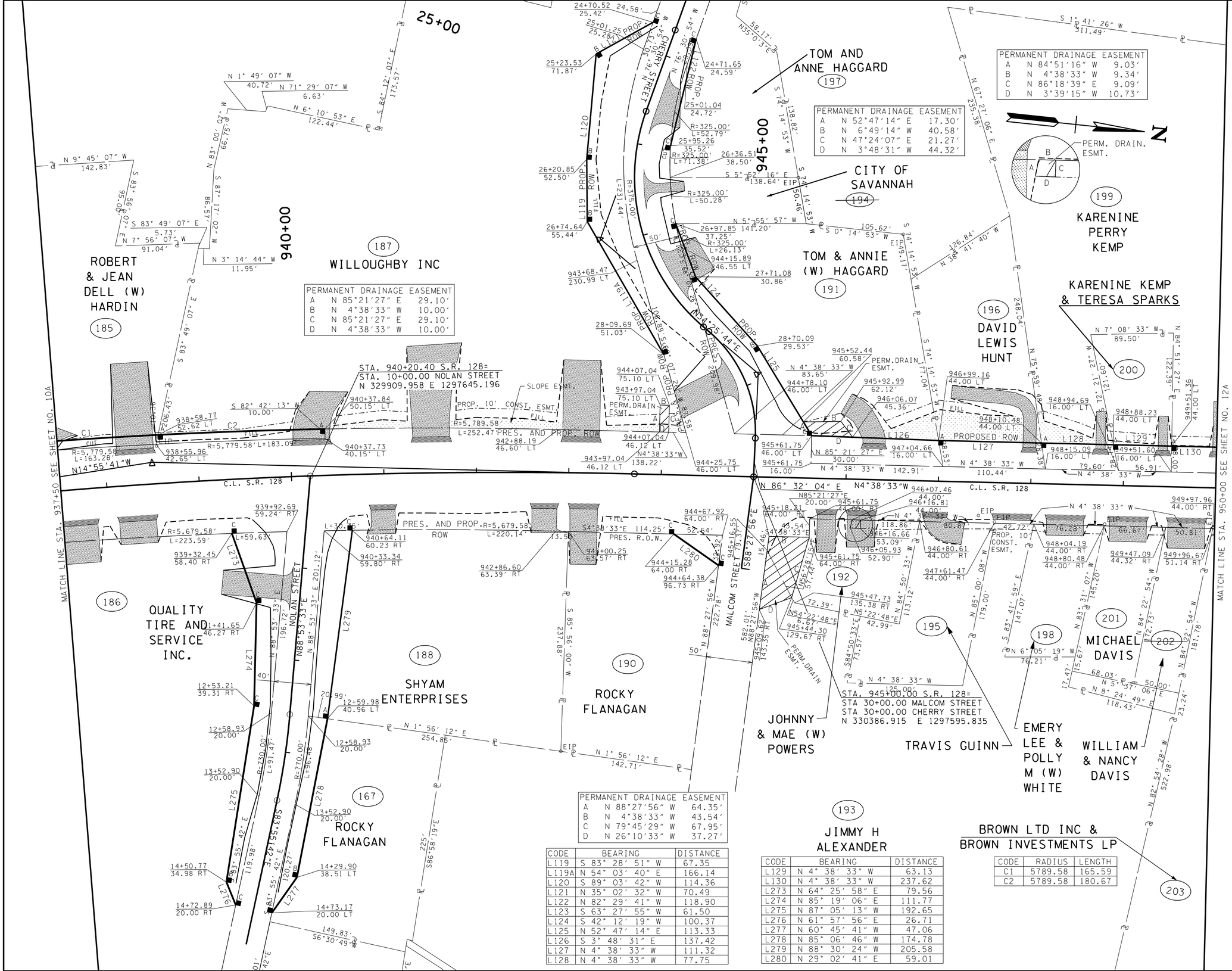
REV. 10/10/05: ADDED DRIVE AT STA 937+67 RT.

REV. 05/08/06: ADDED DRIVE AT STA 943+16.09 RT. ADDED DRIVE ON CHERRY ST. STA. 27+51± LT.

REV. 10/02/06: ADDED DELETE LINE TRACT 194. CHANGED PROPERTY LINES FOR TRACT 192 AND 193.

REV. 12/15/06: ADDED DRIVE ON CHERRY STREET AT STA 28+85.31.

REV. 03/05/07: CHANGED THE NAME OF THE OWNER ON TRACT 195.



CODE	BEARING	DISTANCE
L119	S 83° 28' 51" W	67.35
L119A	N 54° 03' 40" E	166.14
L120	S 89° 03' 42" W	114.36
L121	N 35° 02' 32" W	70.49
L122	N 82° 29' 41" W	118.90
L123	S 63° 27' 55" W	61.50
L124	S 42° 12' 19" W	100.37
L125	N 52° 47' 14" E	113.33
L126	S 3° 48' 31" E	137.42
L127	N 4° 38' 33" W	111.32
L128	N 4° 38' 33" W	77.75

CODE	BEARING	DISTANCE
L129	N 4° 38' 33" W	63.13
L130	N 4° 38' 33" W	237.62
L273	N 64° 25' 58" E	79.56
L274	N 85° 19' 06" E	111.77
L275	N 87° 05' 13" W	192.65
L276	N 61° 57' 56" E	26.71
L277	N 60° 45' 41" W	47.06
L278	N 85° 06' 46" W	174.78
L279	N 88° 30' 24" W	205.58
L280	N 29° 02' 41" E	59.01

CODE	RADIUS	LENGTH
C1	5789.58	165.59
C2	5789.58	180.67

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.937+50 TO STA.950+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	27B
CONST.	2015	NH-128(27)	11B

REV. 05/24/05: REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT.

REV. 07/12/05: MOVED DRIVE AT STA. 943+33 LT TO 943+13 LT. WIDENED DRIVES AT 940+23 LT, 941+51 LT, 943+13 LT, AND 938+32 LT.

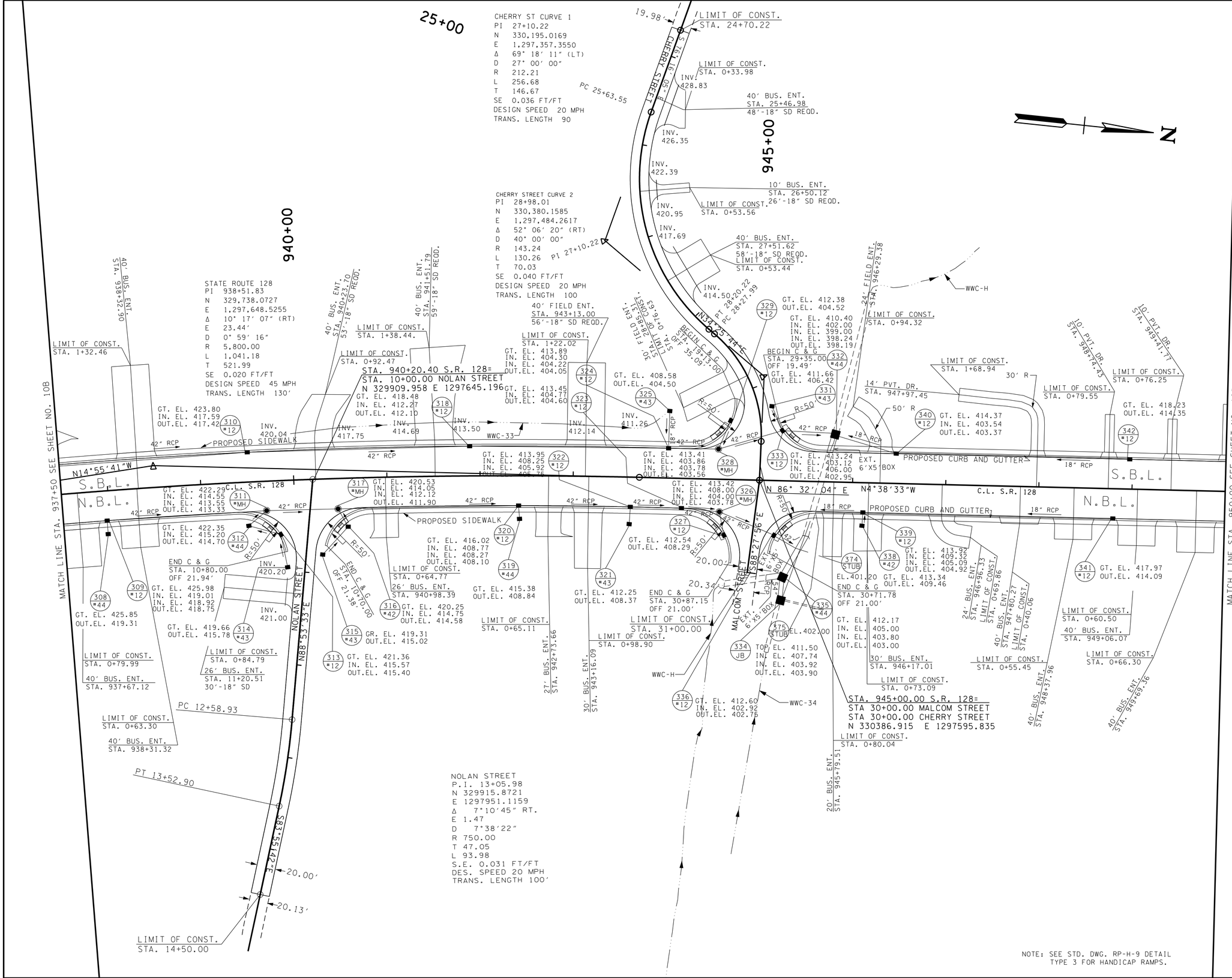
REV. 08/30/05: ADDED DRIVE AT STA. 946+96 RT.

REV. 10/10/05: ADDED DRIVE AT STA 937+67 RT.

REV. 05/08/06: ADDED DRIVE AT STA 943+16.09 RT. ADDED DRIVE ON CHERRY ST. STA. 27+51± LT.

REV. 12/15/06: ADDED DRIVE ON CHERRY STREET AT STA 28+85.31.

REV. 02/16/07: RELOCATED DRIVE AT STA. 945+81.25 RT. TO STA. 945+79.51 RT. AND ADDED DRIVE AT STA. 946+17.01 RT.



NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93HPGN, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.937+50 TO STA.950+00

SCALE: 1″= 50′

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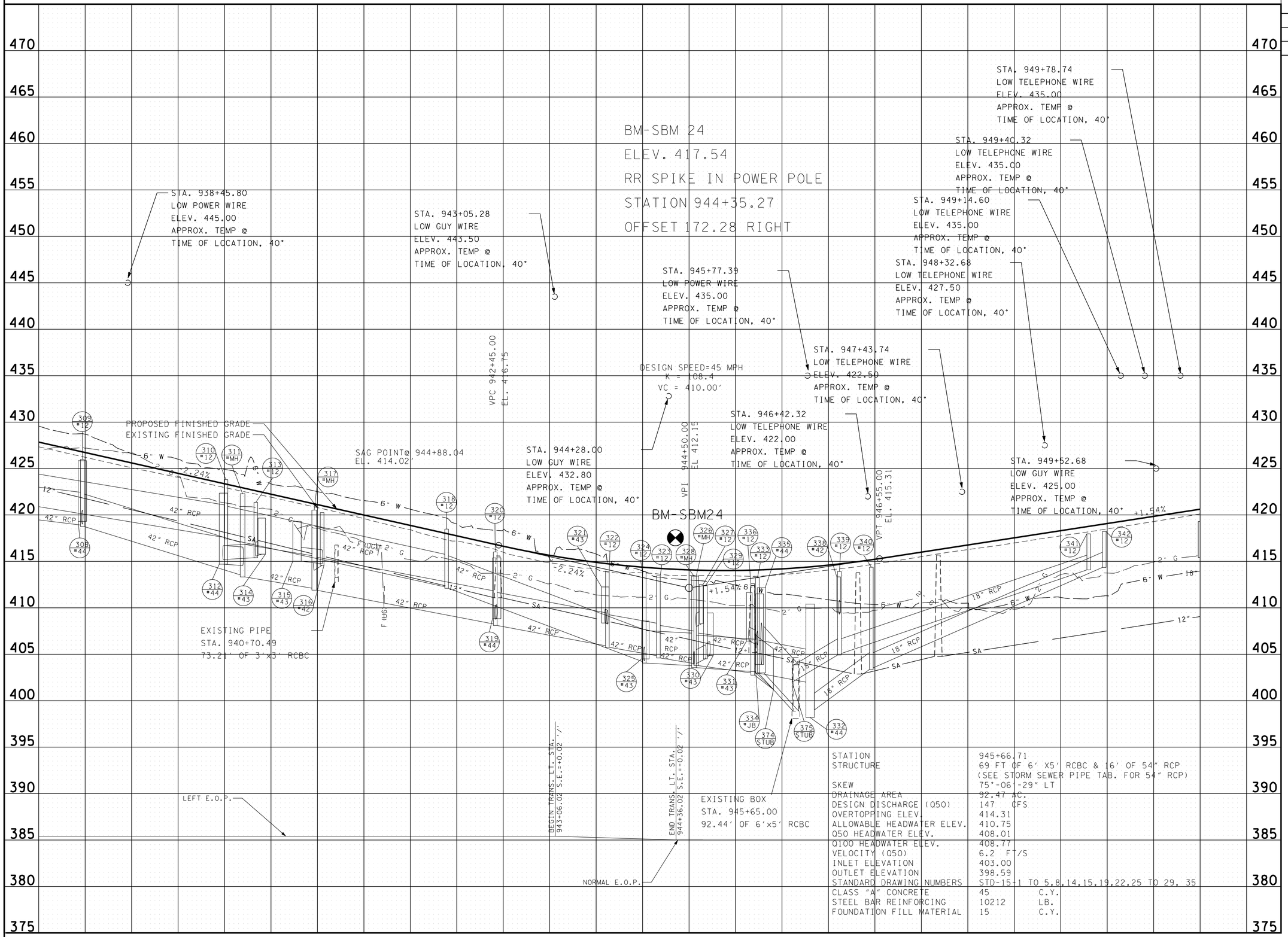
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	27C
CONST.	2015	NH-128(27)	11C



STATION	945+66.71	
STRUCTURE	69 FT OF 6' X5' RCBC & 16' OF 54" RCP (SEE STORM SEWER PIPE TAB. FOR 54" RCP)	
SKEW	75°-06'-29" LT	
DRAINAGE AREA	92.47 AC.	
DESIGN DISCHARGE (Q50)	147	CFS
OVERTOPPING ELEV.	414.31	
ALLOWABLE HEADWATER ELEV.	410.75	
Q50 HEADWATER ELEV.	408.01	
Q100 HEADWATER ELEV.	408.77	
VELOCITY (Q50)	6.2	FT/S
INLET ELEVATION	403.00	
OUTLET ELEVATION	398.59	
STANDARD DRAWING NUMBERS	STD-15-1 TO 5,8,14,15,19,22,25 TO 29, 35	
CLASS "A" CONCRETE	45	C.Y.
STEEL BAR REINFORCING	10212	LB.
FOUNDATION FILL MATERIAL	15	C.Y.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.937+50 TO STA.950+00

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

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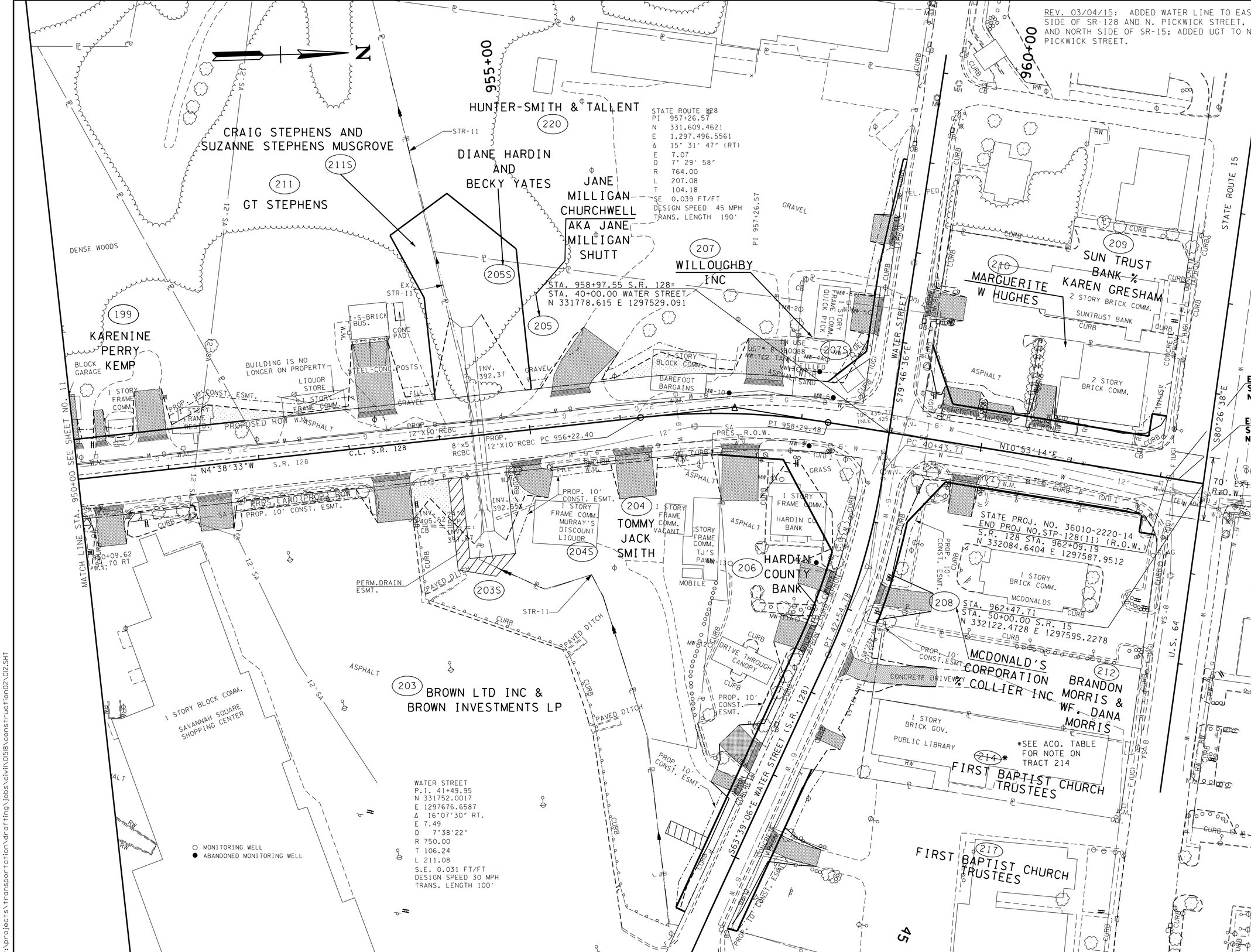
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	28
CONST.	2015	NH-128(27)	12

REV. 03/04/15: ADDED WATER LINE TO EAST SIDE OF SR-128 AND N. PICKWICK STREET, AND NORTH SIDE OF SR-15; ADDED UGT TO N. PICKWICK STREET.



REV. 05/24/05: ADDED UNDERGROUND TELEPHONE LINE ON SR128 AND WATER STREET. ADDED UTILITY INFORMATION. ADJUSTED CONST. ESMT. TRACT NO.208.

REV. 07/12/05: CHANGED NAME TRACT 205. ADDED MISC. SURVEY TEXT TRACT 207. ADDED PARKING LINES TRACT 210.

REV. 08/30/05: ADDED DRIVE AT STA. 954+91 RT. MOVED DRIVE AT STA. 955+89 RT TO 956+10 RT. REMOVED DRIVE AT STA. 956+46 RT.

REV. 10/02/06: CHANGED PRESENT ROW WIDTHS ON SR 15 AND WATER STREET.

REV. 10/06/08: CHANGED PRESENT ROW WIDTHS ON SR 15 AND ADJUSTED PROPOSED R.O.W. ACCORDINGLY.

REV. 12/03/08: ADJUSTED EXISTING R.O.W. LINE RIGHT OF STA. 959+00 THROUGH STA. 962+30.

REV. 12/16/08: REMOVED SLOPE EASEMENT FROM TRACT 208.

REV. 06/19/09: CORRECTED EXISTING R.O.W. ON TRACTS 212 & 214 RESULTING IN THE REMOVAL OF TRACT NO. 214.

END PROJ NO.STP-128(11) (R.O.W.)
S.R. 128 STA. 962+09.19
N 332084.6404 E 1297587.9512

END PROJ NO.STP-128(27) (CONST.)
S.R. 128 STA. 962+19.57
N 332094.8382 E 1297589.9126

REV. 08/31/09: CHANGED NAME ON TRACT 212; ADDED EXISTING DRIVE AND RELOCATED PROPOSED DRIVE ON TRACT 212; ADDED NOTE TO TRACT NO. 214.

REV. 12/28/11: MOVED BUS. ENT. FROM STA. 38+92.06 TO STA. 38+75.00 RT., ADDED BUS. ENT. AT STA. 37+80.00 RT., RIGHT TURN LANE, AND ADJUSTED R.O.W. ON WATER ST. ADDED PROP. R.O.W. TO TRACT. NOS. 205S, 207S, AND 220. ADDED PERM. DRAINAGE ESMT. AND TRACT NOS. 203S AND 204S.

REV. 02/21/12: ADDED NEW SURVEY INFORMATION TO TR. 211, TRACT. NO. 211S AND MONITORING WELLS WITH LEGEND.

REV. 10/30/12: CHANGES OWNERS NAME ON TRACT NO. 211S

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.950+00 TO STA.962+46

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	28A
CONST.	2015	NH-128(27)	12A

REV. 02/21/12: ADDED TRACT NO. 211S.
REV. 10/30/12: CHANGED OWNERS NAME ON TRACT NO. 211S.

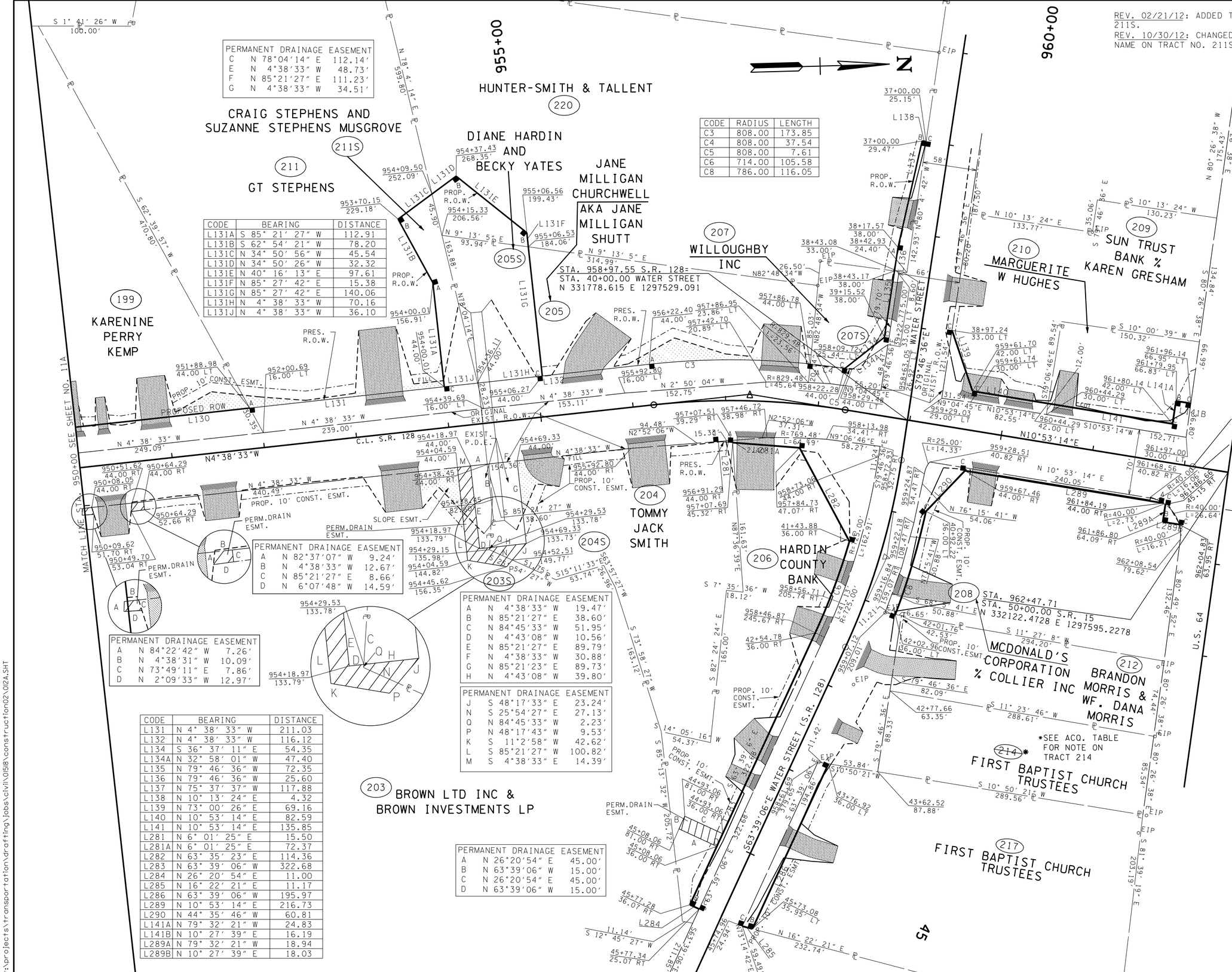
REV. 05/24/05: ADDED STA/OFF FLAG ON NORTH PROPERTY LINE OF TRACT 203 AT STA. 954+38.45. ADDED DISTANCE ON NORTH R.O.W. OF WATER ST. BETWEEN STA. 38+50 AND 959+22.22. CHANGED DISTANCE ON SOUTH R.O.W. OF WATER ST. BETWEEN STA. 38+50 AND 958+27.33. ADJUSTED CONST. ESMT. ON TRACT NO. 208.
REV. 07/12/05: CHANGED NAME ON TRACT 205.
REV. 08/30/05: ADDED DRIVE AT STA. 954+91 RT. MOVED DRIVE AT STA. 955+89 RT TO 956+10 RT. REMOVED DRIVE AT STA. 956+46 RT.
REV. 10/02/06: CHANGED PRESENT ROW WIDTHS ON SR 15 AND WATER STREET.
REV. 10/06/08: CHANGED PRESENT ROW WIDTHS ON SR 15 AND ADJUSTED PROPOSED R.O.W. ACCORDINGLY.
REV. 12/03/08: ADJUSTED EXISTING R.O.W. LINE RIGHT OF STA. 959+00 THROUGH STA. 962+30.
REV. 12/16/08: REMOVED SLOPE EASEMENT FROM TRACT 208.

END PROJ NO.STP-128(11) (R.O.W.)
S.R. 128 STA. 962+09.19
N 332084.6404 E 1297587.9512

END PROJ NO.STP-128(27) (CONST.)
S.R. 128 STA. 962+19.57
N 332094.8382 E 1297589.9126

70' EXISTING R.O.W.

REV. 06/19/09: CORRECTED EXISTING R.O.W. ON TRACTS 212 & 214 RESULTING IN THE REMOVAL OF TRACT NO. 214.
REV. 08/31/09: CHANGED NAME ON TRACT 212; ADDED EXISTING DRIVE AND RELOCATED PROPOSED DRIVE ON TRACT 212; ADDED NOTE TO TRACT NO. 214.
REV. 12/28/11: ADDED PROP. R.O.W. LT. OF S.R. 128 & RT. ON WATER ST. ADDED TRACT NOS. 205S, 207S, AND 220. ADDED PERM. DRAINAGE ESMT. RT. OF S.R.128. ADDED TRACT NOS. 203S & 204S. MOVED BUSINESS ENT. FROM STA. 38+92.06 TO STA. 38+ 75.00 RT. AND ADDED BUSINESS ENT. AT STA.



PERMANENT DRAINAGE EASEMENT			
C	N 78°04'14" E	112.14'
E	N 4°38'33" W	48.73'
F	N 85°21'27" E	111.23'
G	N 4°38'33" W	34.51'

CODE	RADIUS	LENGTH
C3	808.00	173.85
C4	808.00	37.54
C5	808.00	7.61
C6	714.00	105.58
C8	786.00	116.05

CODE	BEARING	DISTANCE
L131A	S 85° 21' 27" W	112.91
L131B	S 62° 54' 21" W	78.20
L131C	N 34° 50' 56" W	45.54
L131D	N 34° 50' 26" W	32.32
L131E	N 40° 16' 13" E	97.61
L131F	N 85° 27' 42" E	15.38
L131G	N 85° 27' 42" E	140.06
L131H	N 4° 38' 33" W	70.16
L131J	N 4° 38' 33" W	36.10

PERMANENT DRAINAGE EASEMENT		
A	N 82°37'07" W	9.24'
B	N 4°38'33" W	12.67'
C	N 85°21'27" E	8.66'
D	N 6°07'48" W	14.59'

PERMANENT DRAINAGE EASEMENT		
A	N 84°22'42" W	7.26'
B	N 4°38'31" W	10.09'
C	N 73°49'11" E	7.86'
D	N 2°09'33" W	12.97'

PERMANENT DRAINAGE EASEMENT		
A	N 4°38'33" W	19.47'
B	N 85°21'27" E	38.60'
C	N 84°45'33" W	51.95'
D	N 4°43'08" W	10.56'
E	N 85°21'27" E	89.79'
F	N 4°38'33" W	30.88'
G	N 85°21'23" E	89.73'
H	N 4°43'08" W	39.80'
J	S 48°17'33" E	23.24'
N	S 25°54'27" E	27.13'
Q	N 84°45'33" W	2.23'
P	N 48°17'43" W	9.53'
K	S 11°2'58" W	42.62'
L	S 85°21'27" W	100.82'
M	S 4°38'33" E	14.39'

PERMANENT DRAINAGE EASEMENT		
A	N 26°20'54" E	45.00'
B	N 63°39'06" W	15.00'
C	N 26°20'54" E	45.00'
D	N 63°39'06" W	15.00'

CODE	BEARING	DISTANCE
L131	N 4° 38' 33" W	211.03
L132	N 4° 38' 33" W	116.12
L134	S 36° 37' 11" E	54.35
L134A	N 32° 58' 01" W	47.40
L135	N 79° 46' 36" W	72.35
L136	N 79° 46' 36" W	25.60
L137	N 75° 37' 37" W	117.88
L138	N 10° 13' 24" E	4.32
L139	N 73° 00' 26" E	69.16
L140	N 10° 53' 14" E	82.59
L141	N 10° 53' 14" E	135.85
L281	N 6° 01' 25" E	15.50
L281A	N 6° 01' 25" E	72.37
L282	N 63° 35' 23" E	114.36
L283	N 63° 39' 06" W	322.68
L284	N 26° 20' 54" E	11.00
L285	N 16° 22' 21" E	11.17
L286	N 63° 39' 06" W	195.97
L289	N 10° 53' 14" E	216.73
L290	N 44° 35' 46" W	60.81
L141A	N 79° 32' 21" W	24.83
L141B	N 10° 27' 39" E	16.19
L289A	N 79° 32' 21" W	18.94
L289B	N 10° 27' 39" E	18.03

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COORDINATES ARE NAD/ 83/1997, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED R.O.W. LAYOUT

STA.950+00 TO STA.962+46

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	28B
CONST.	2015	NH-128(27)	12B

NOTES:

RIP-RAP SHALL BE PLACED TO MIMIC EXISTING CONTOURS OF THE STREAM CHANNEL. TOP OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH BOTTOM OF EXISTING STREAM CHANNEL.

FOR TREE PLANTING DETAILS SEE SHEET 2AA (CHANNEL CHANGE, TREES & NOTES)

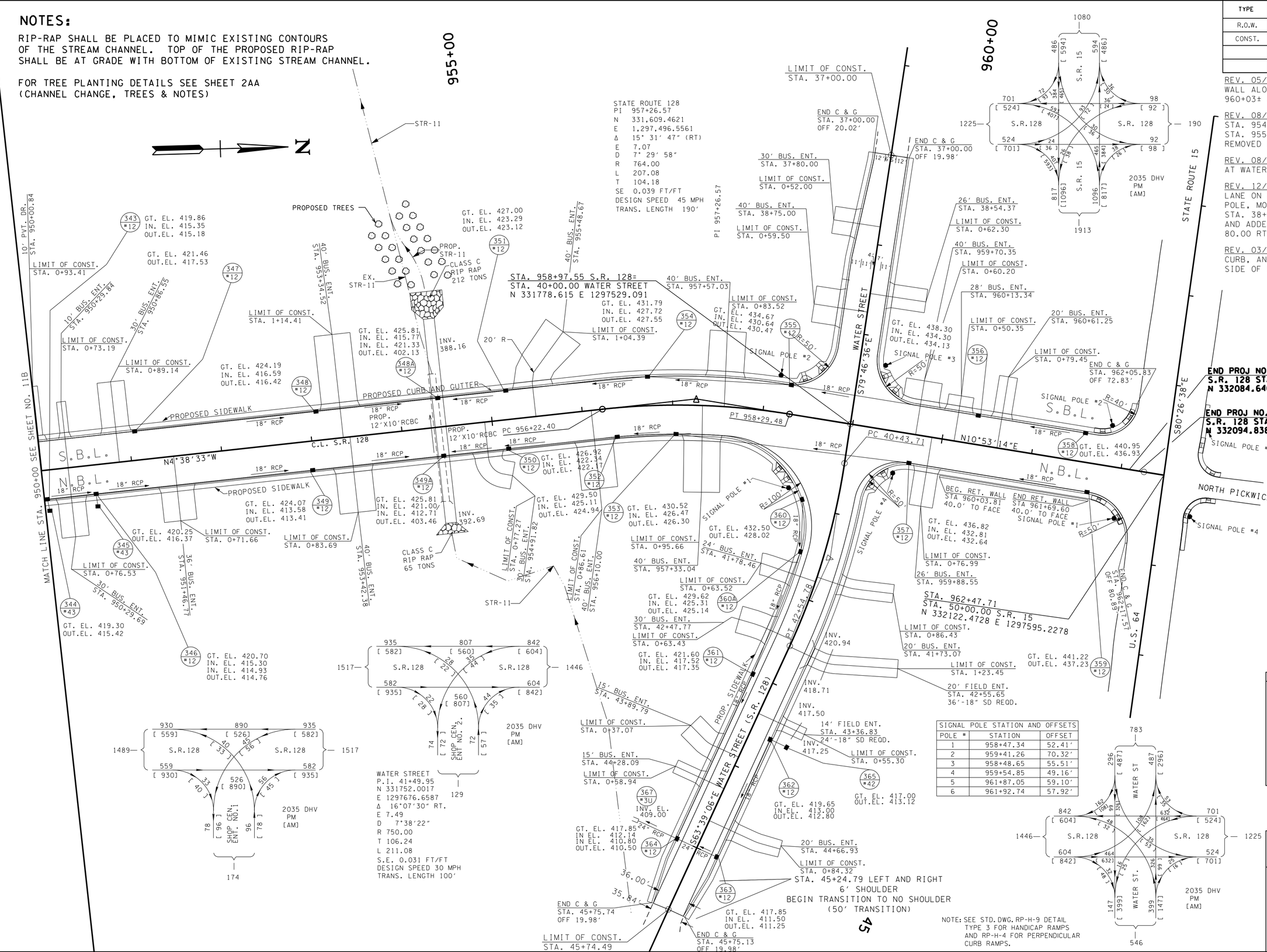
REV. 05/24/05: ADDED RETAINING WALL ALONG SR128 BETWEEN STA. 960+03± AND 961+69±.

REV. 08/30/05: ADDED DRIVE AT STA. 954+91 RT. MOVED DRIVE AT STA. 955+89 RT TO 956+10 RT. REMOVED DRIVE AT STA. 956+46 RT.

REV. 08/31/09: RELOCATED DRIVE AT WATER ST. STA. 42+55.65 LT.

REV. 12/28/11: ADDED RT. TURN LANE ON WATER ST., ADJUSTED LIGHT POLE, MOVED BUS. ENT. FROM STA. 38+92.06 TO 38+75.00 RT., AND ADDED BUS. ENT. AT STA. 37+80.00 RT.

REV. 03/04/15: ADDED SIDEWALK, CURB, AND SIGNAL POLES TO NORTH SIDE OF SR-15 AT N. PICKWICK ST.



SIGNAL POLE STATION AND OFFSETS		
POLE #	STATION	OFFSET
1	958+47.34	52.41'
2	959+41.26	70.32'
3	958+48.65	55.51'
4	959+54.85	49.16'
5	961+87.05	59.10'
6	961+92.74	57.92'

NOTE: SEE STD. DWG. RP-H-9 DETAIL TYPE 3 FOR HANDICAP RAMPS AND RP-H-4 FOR PERPENDICULAR CURB RAMPS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(93), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 950+00 TO STA. 962+46

SCALE: 1"= 50'

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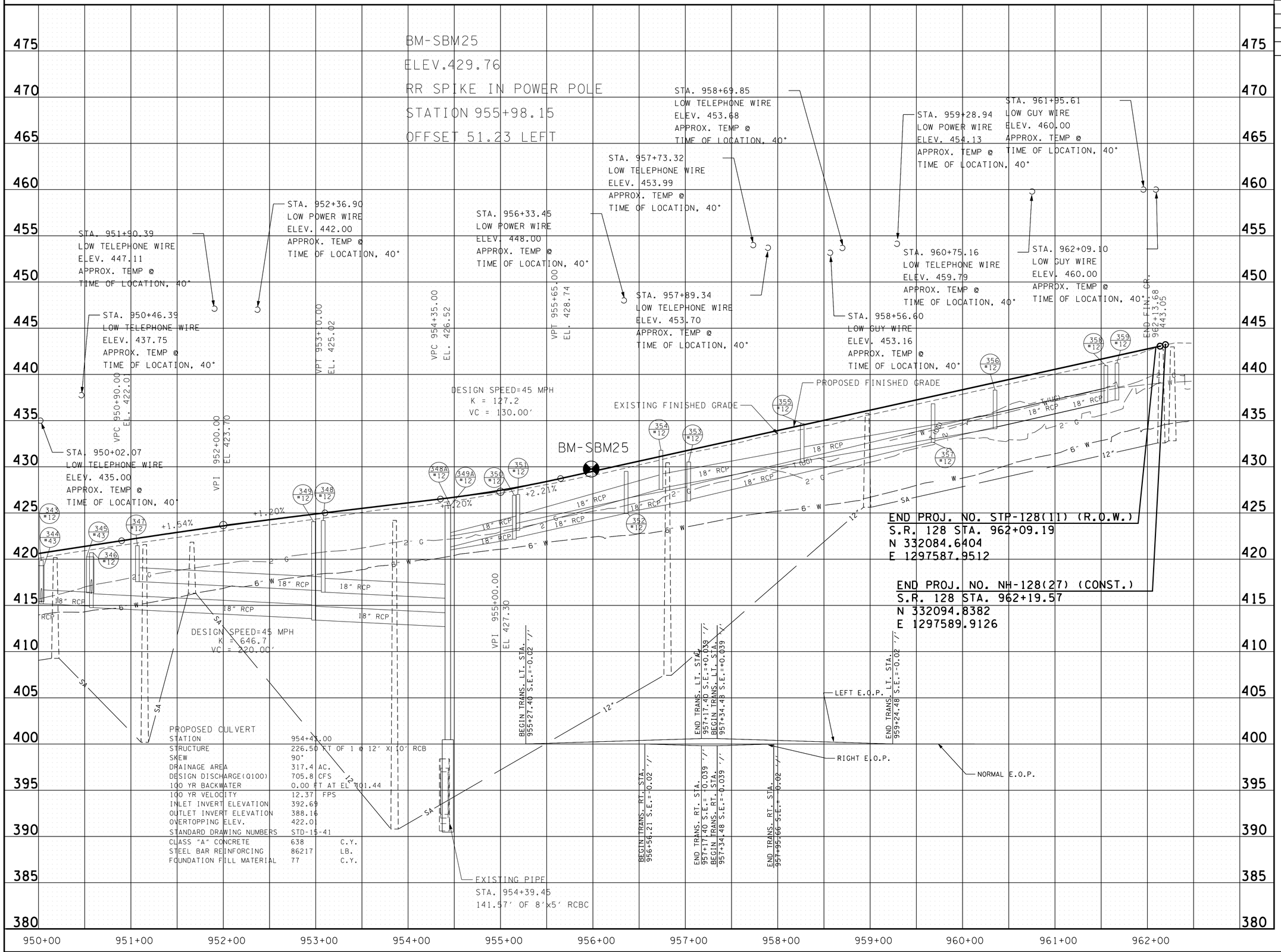
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.OW.	2004	STP-128(11)	28C
CONST.	2015	NH-128(27)	12C

REV.05/24/05: UPDATED UTILITY INFORMATION.

REV.03/04/15: UPDATED UTILITY INFORMATION.



UNOFFICIAL SET
NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.950+00 TO STA.962+46
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

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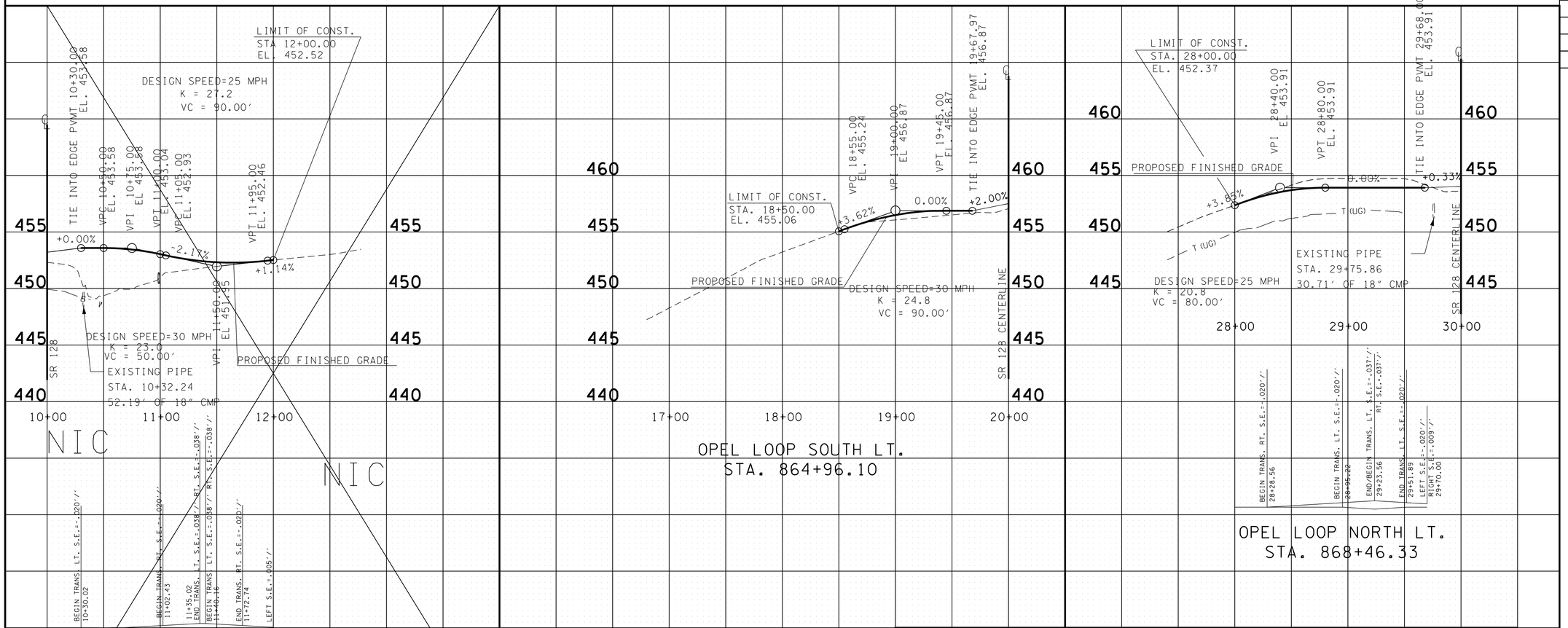
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29H
CONST.	2015	NH-128(27)	13

REV. 05/24/05: UPDATED UTILITY INFORMATION.



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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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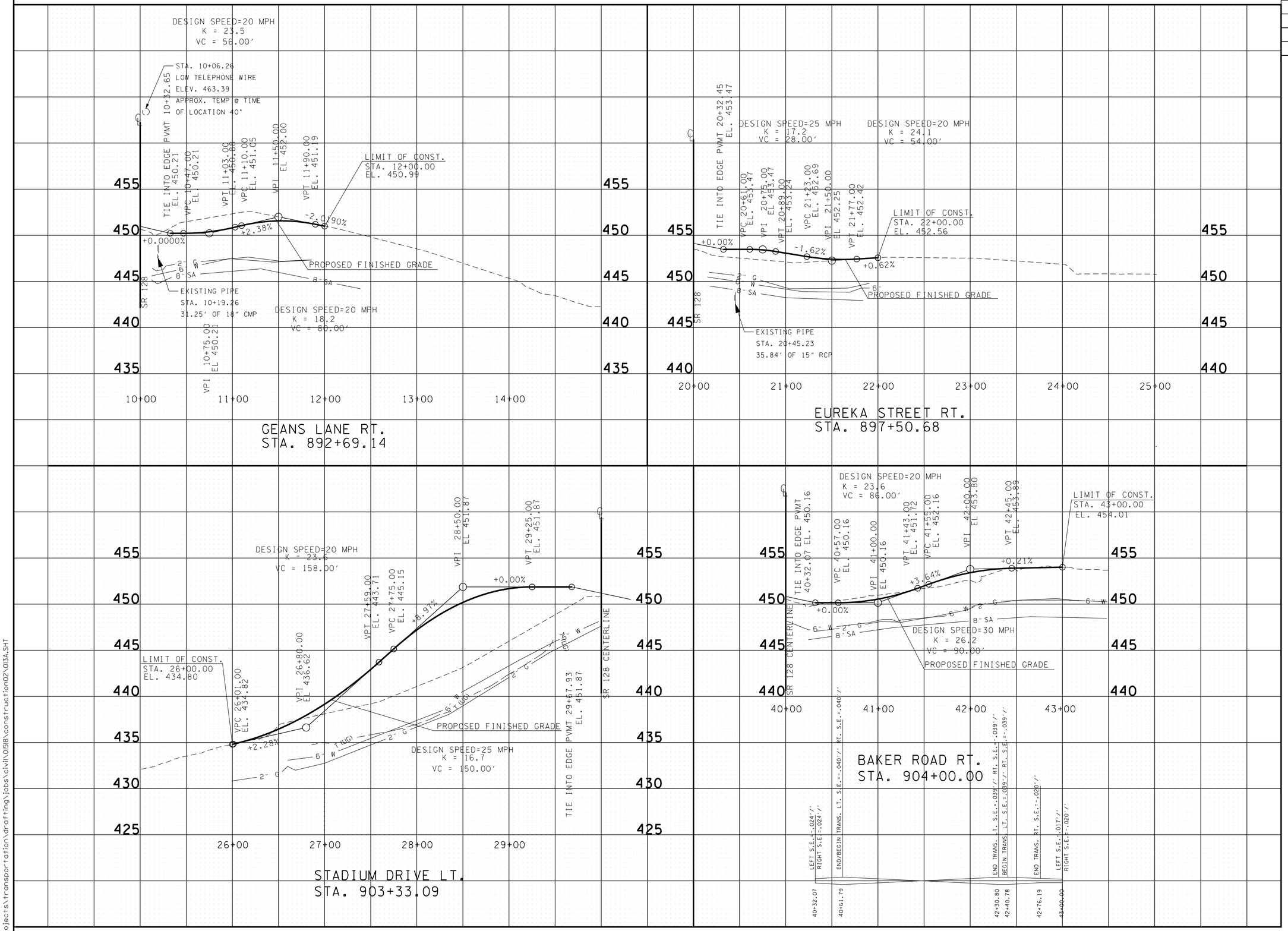
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29I
CONST.	2015	NH-128(27)	13A

REV. 05/24/05: UPDATED UTILITY INFORMATION.



UNOFFICIAL SET

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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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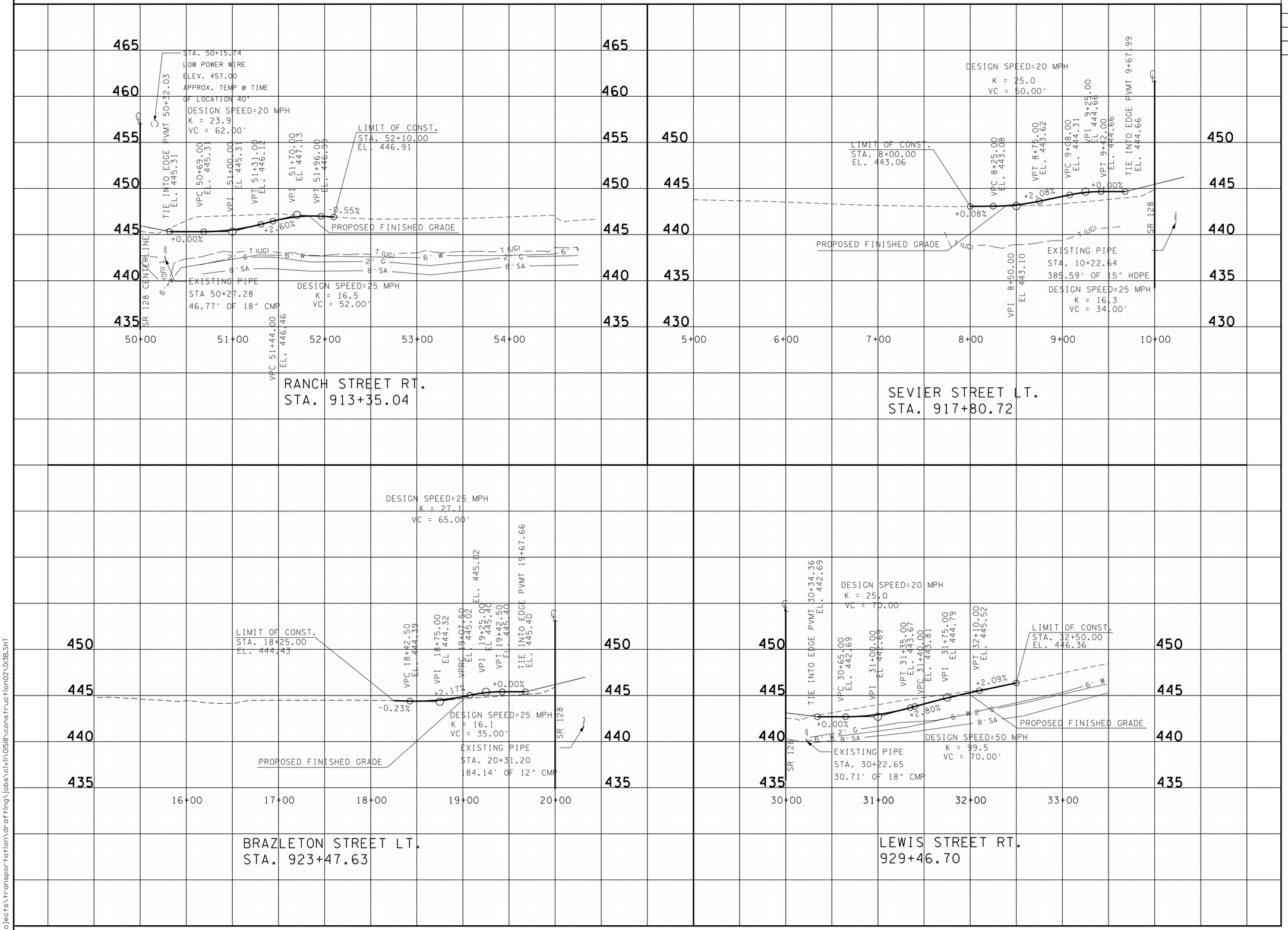
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29J
CONST.	2015	NH-128(27)	13B

REV. 05/24/05: UPDATED UTILITY INFORMATION.



UNOFFICIAL SET

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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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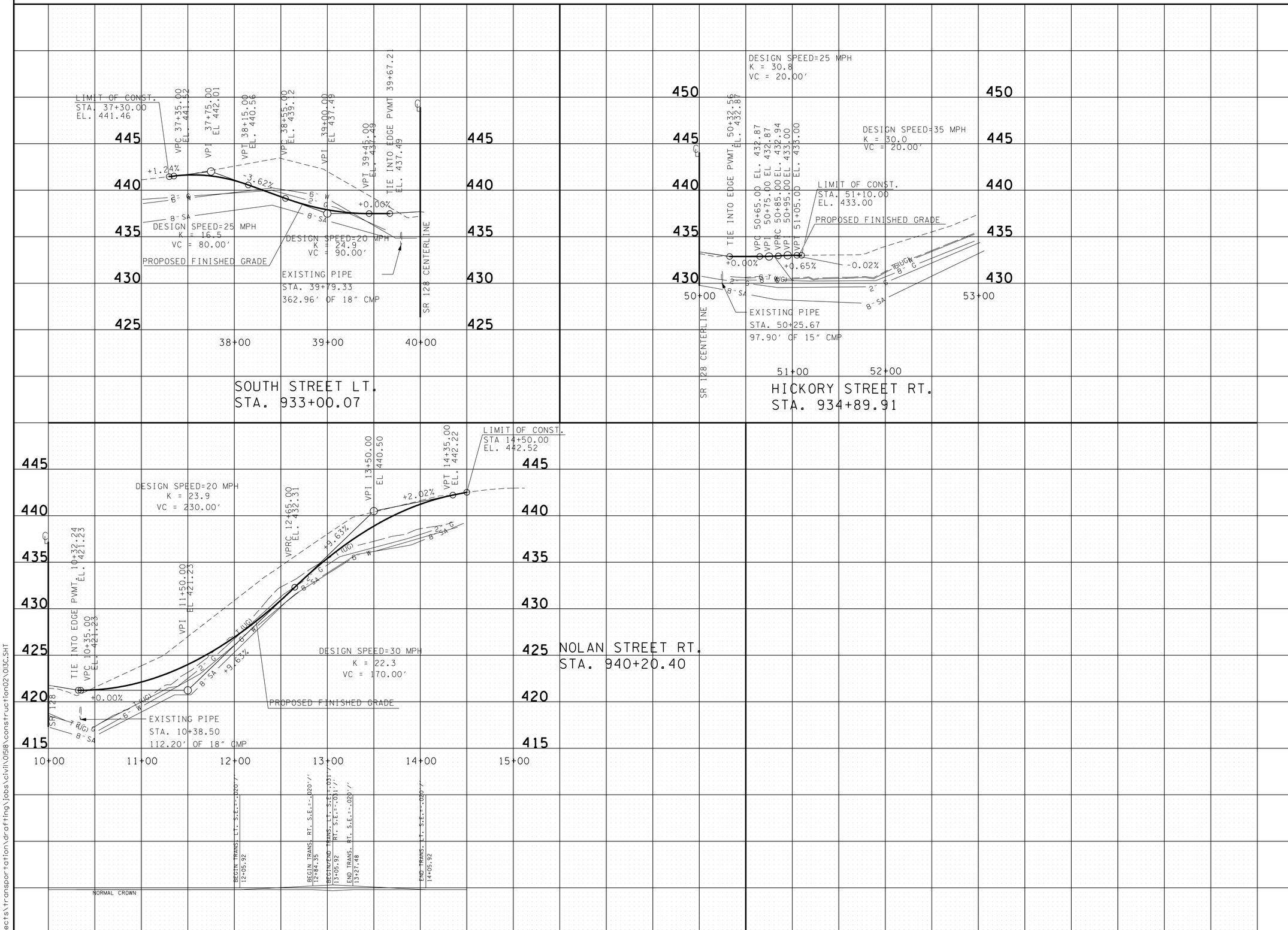
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29K
CONST.	2015	NH-128(27)	13C

REV. 05/24/05: UPDATED UTILITY INFORMATION



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

SCALE: 1'=50' HORIZ.

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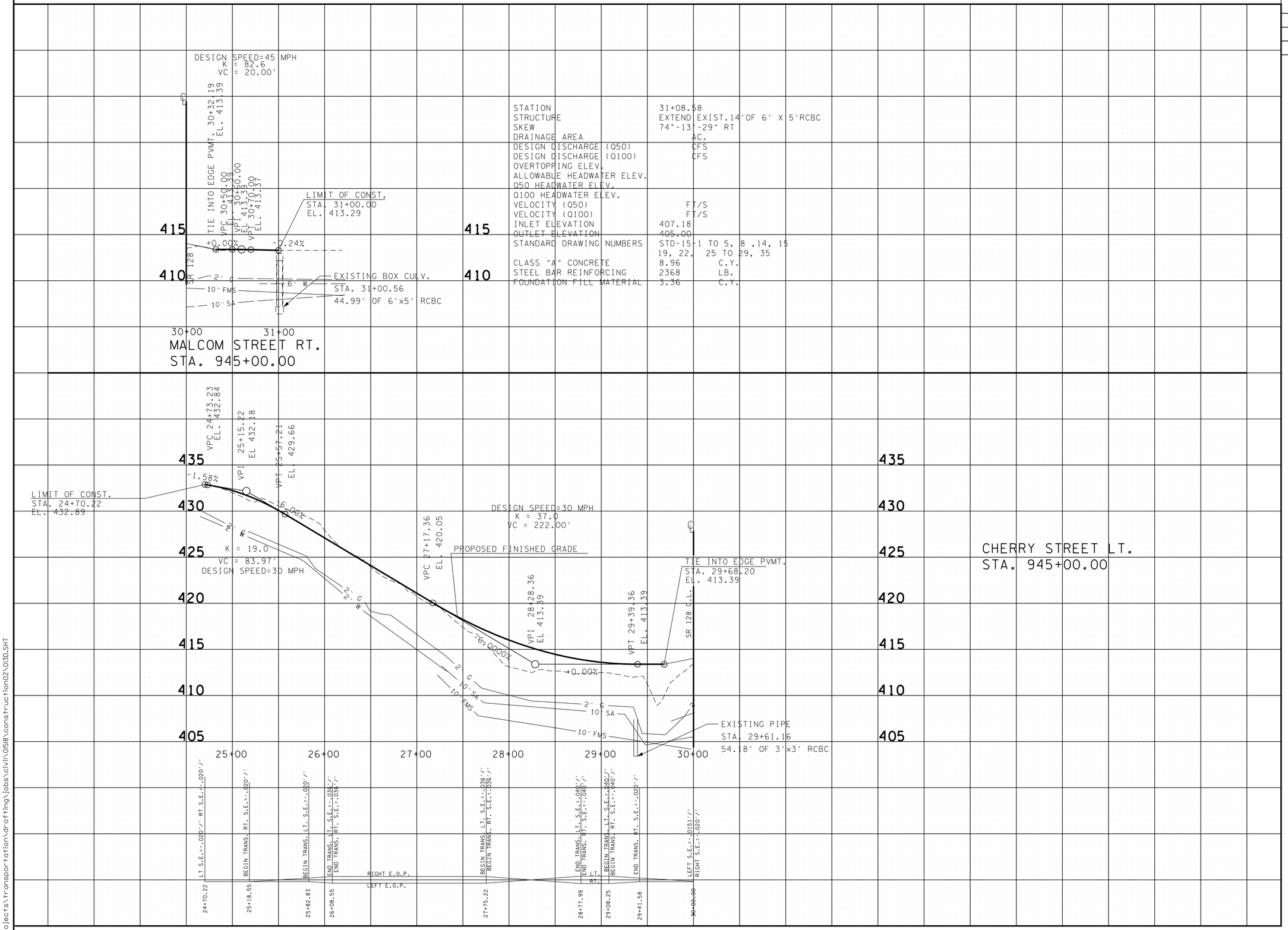
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29L
CONST.	2015	NH-128(27)	13D

REV. 05/24/05: REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT. UPDATED UTILITY INFORMATION.



STATION	31+08.58	
STRUCTURE	EXTEND EXIST.14'OF 6' X 5'RCBC	
SKEW	74°-13'-29" RT	
DRAINAGE AREA		AC.
DESIGN DISCHARGE (Q50)		CFS
DESIGN DISCHARGE (Q100)		CFS
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.		
Q100 HEADWATER ELEV.		
VELOCITY (Q50)		FT/S
VELOCITY (Q100)		FT/S
INLET ELEVATION	407.18	
OUTLET ELEVATION	405.00	
STANDARD DRAWING NUMBERS	STD-15-1 TO 5, 8 ,14, 15 19, 22, 25 TO 29, 35	
CLASS "A" CONCRETE	8.96	C.Y.
STEEL BAR REINFORCING	2368	LB.
FOUNDATION FILL MATERIAL	3.36	C.Y.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

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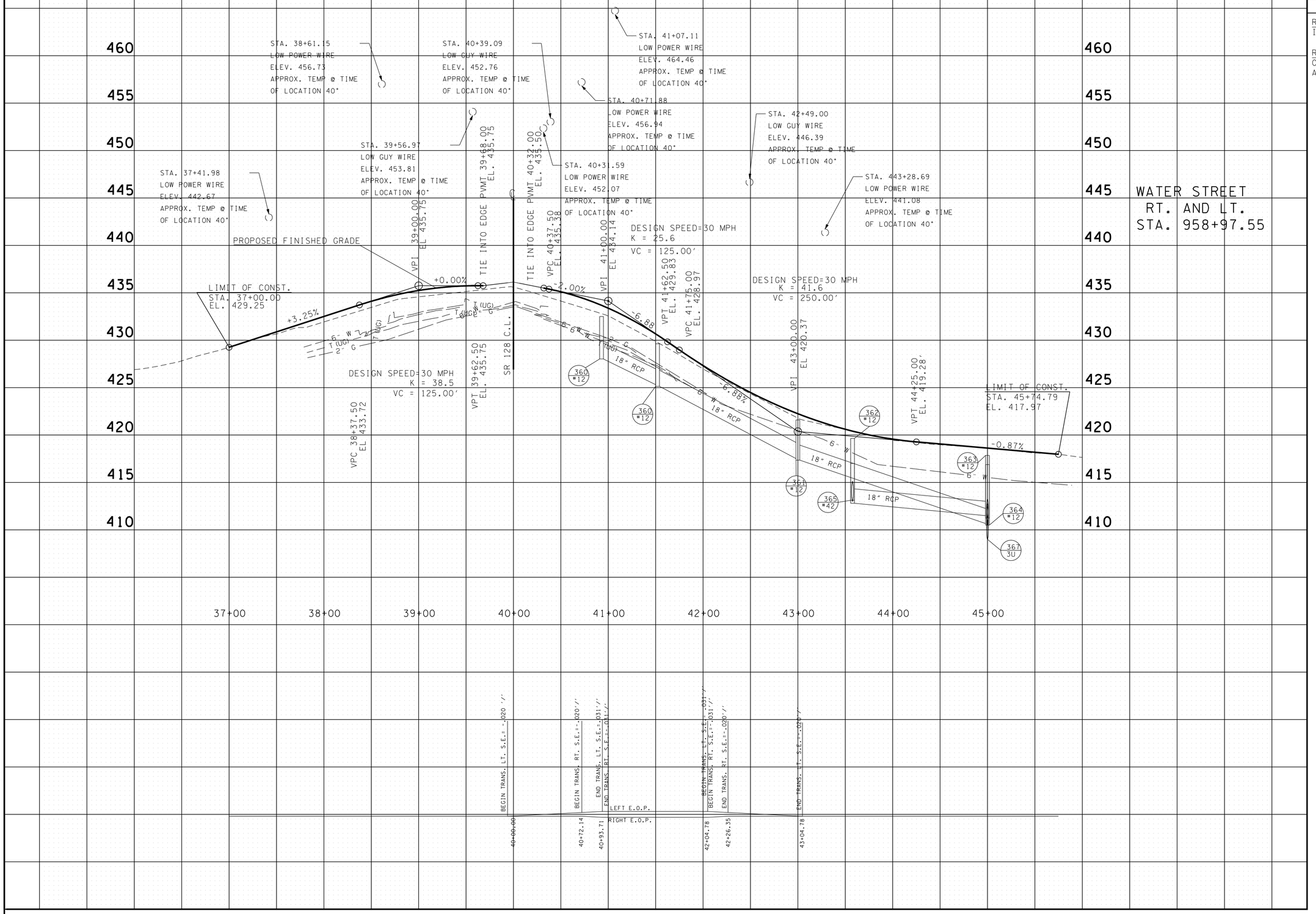
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29M
CONST.	2015	NH-128(27)	13E

REV. 05/24/05: UPDATED UTILITY INFORMATION

REV. 12/28/11: MOVED BEGINNING OF WATER ST. FOR THE ADDITION OF A RIGHT TURN LANE.



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

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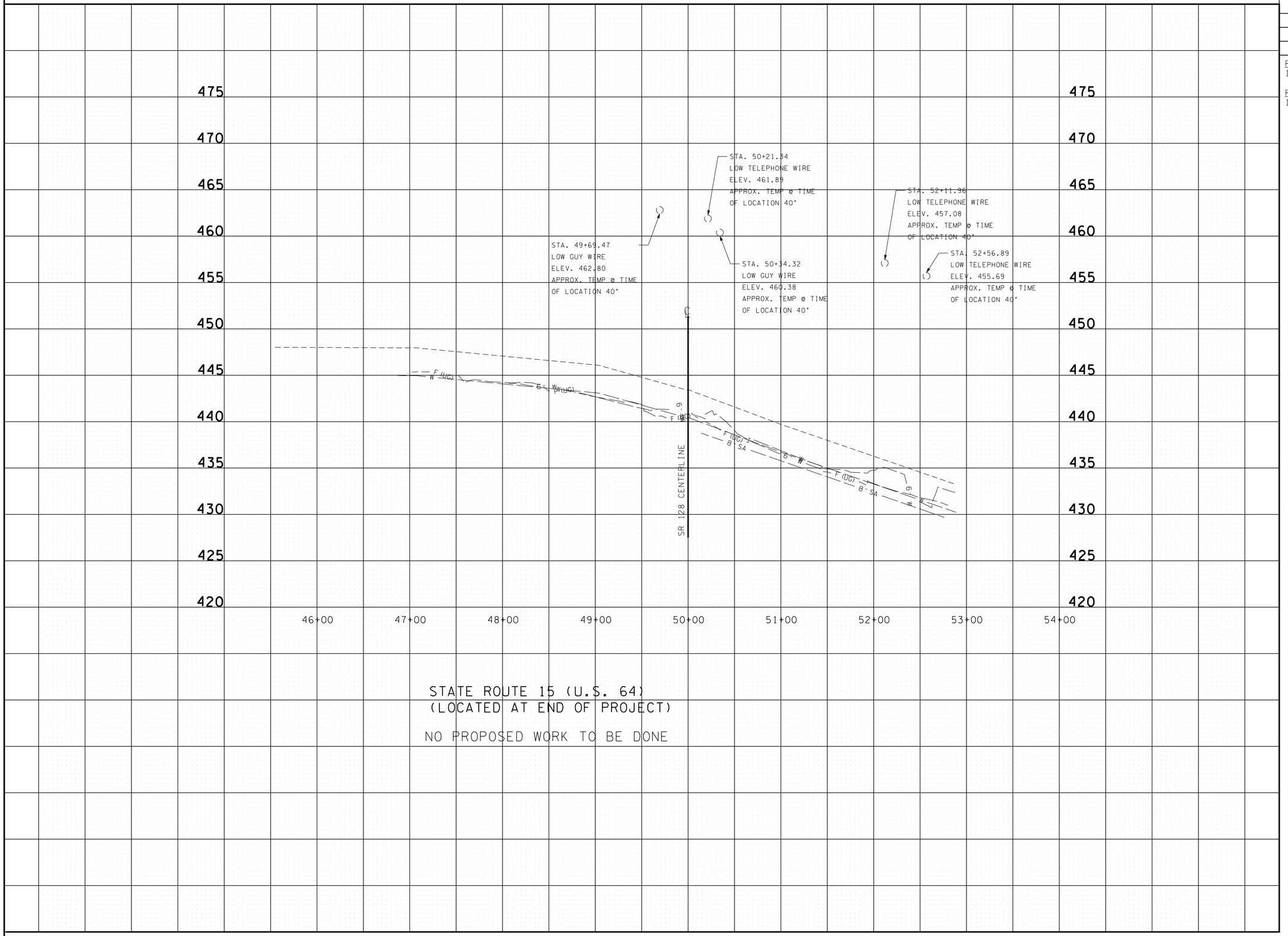
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	29N
CONST.	2015	NH-128(27)	13F

REV.05/24/05: UPDATED UTILITY INFORMATION

REV.03/04/15: UPDATED UTILITY INFORMATION



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

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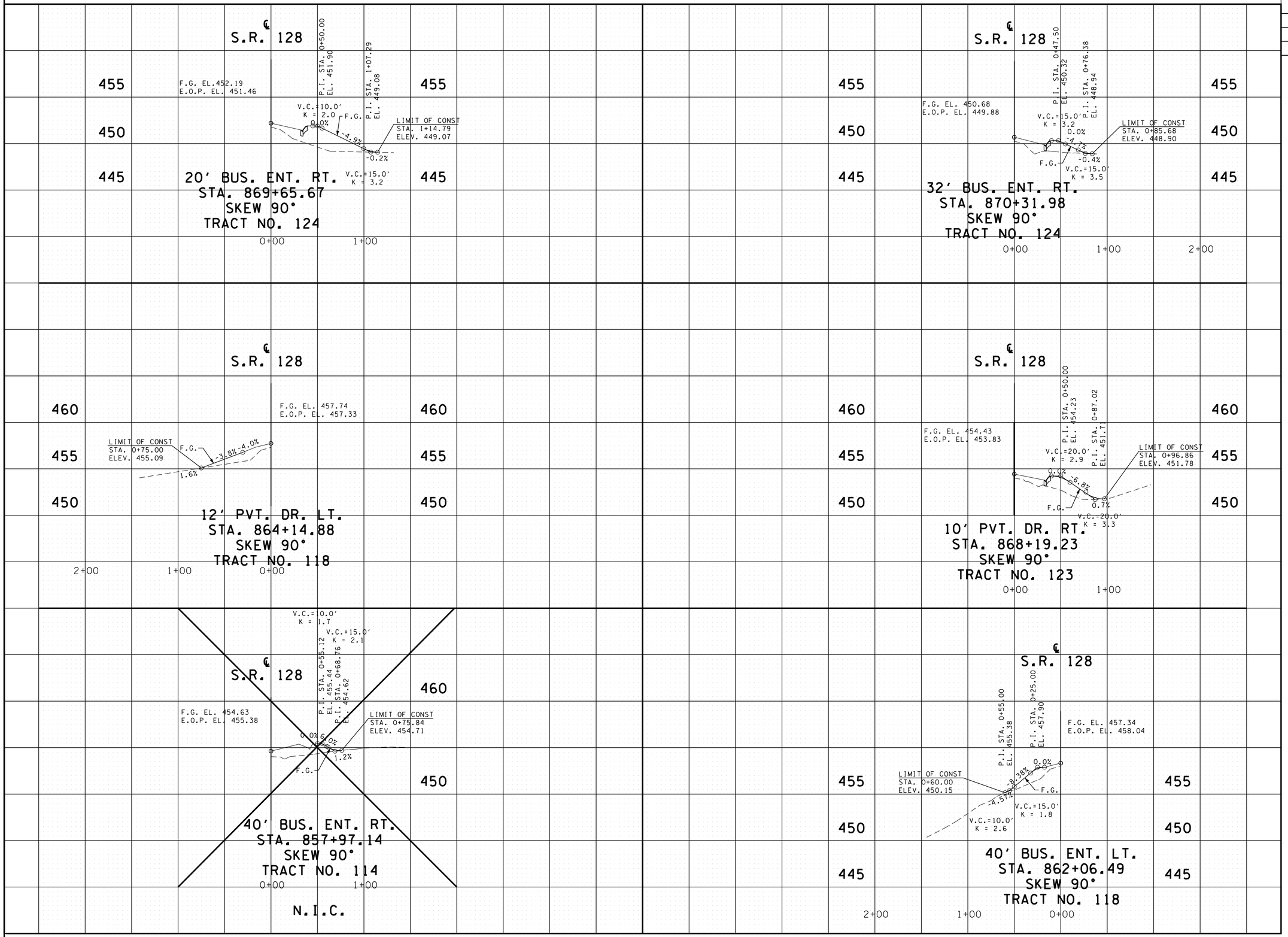
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30"a"
CONST.	2015	NH-128(27)	14



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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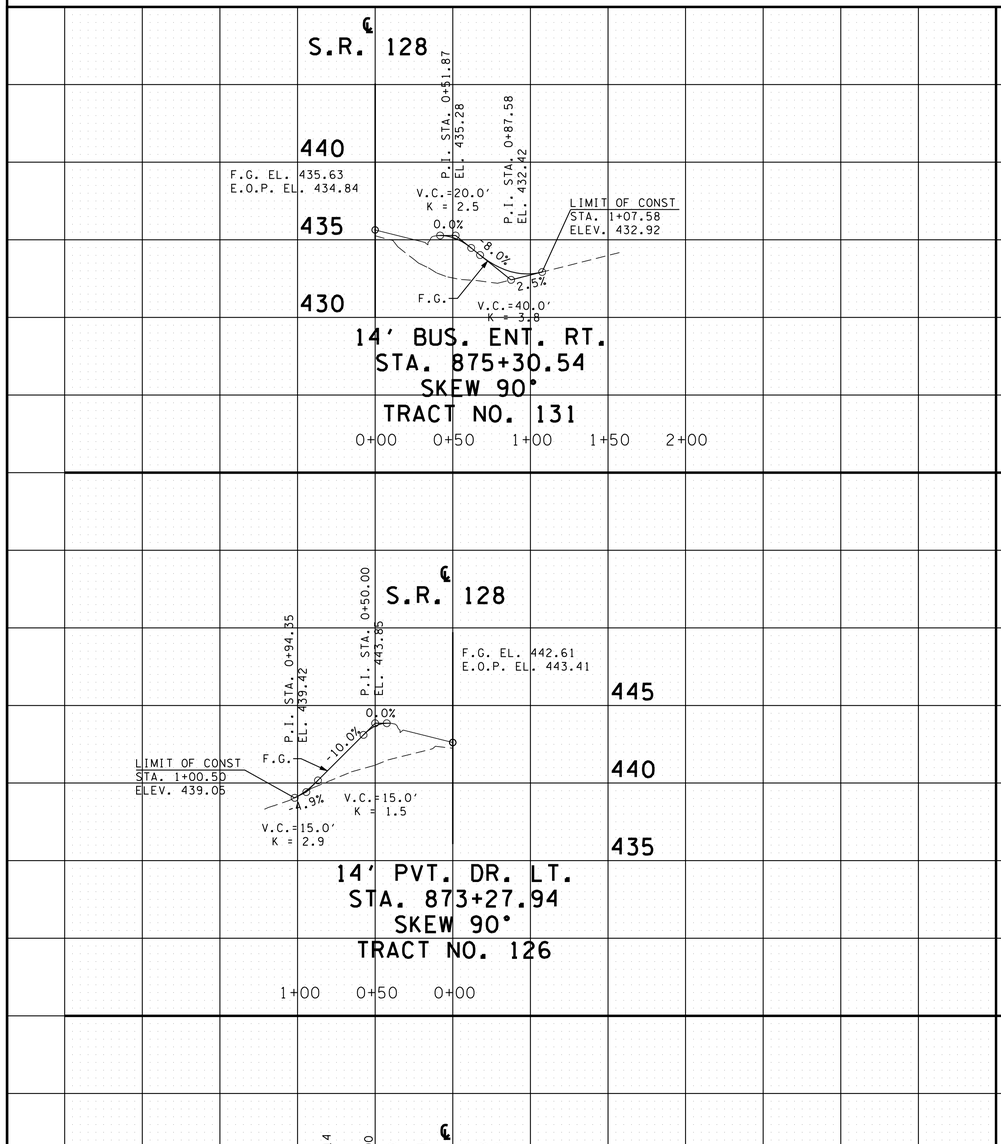
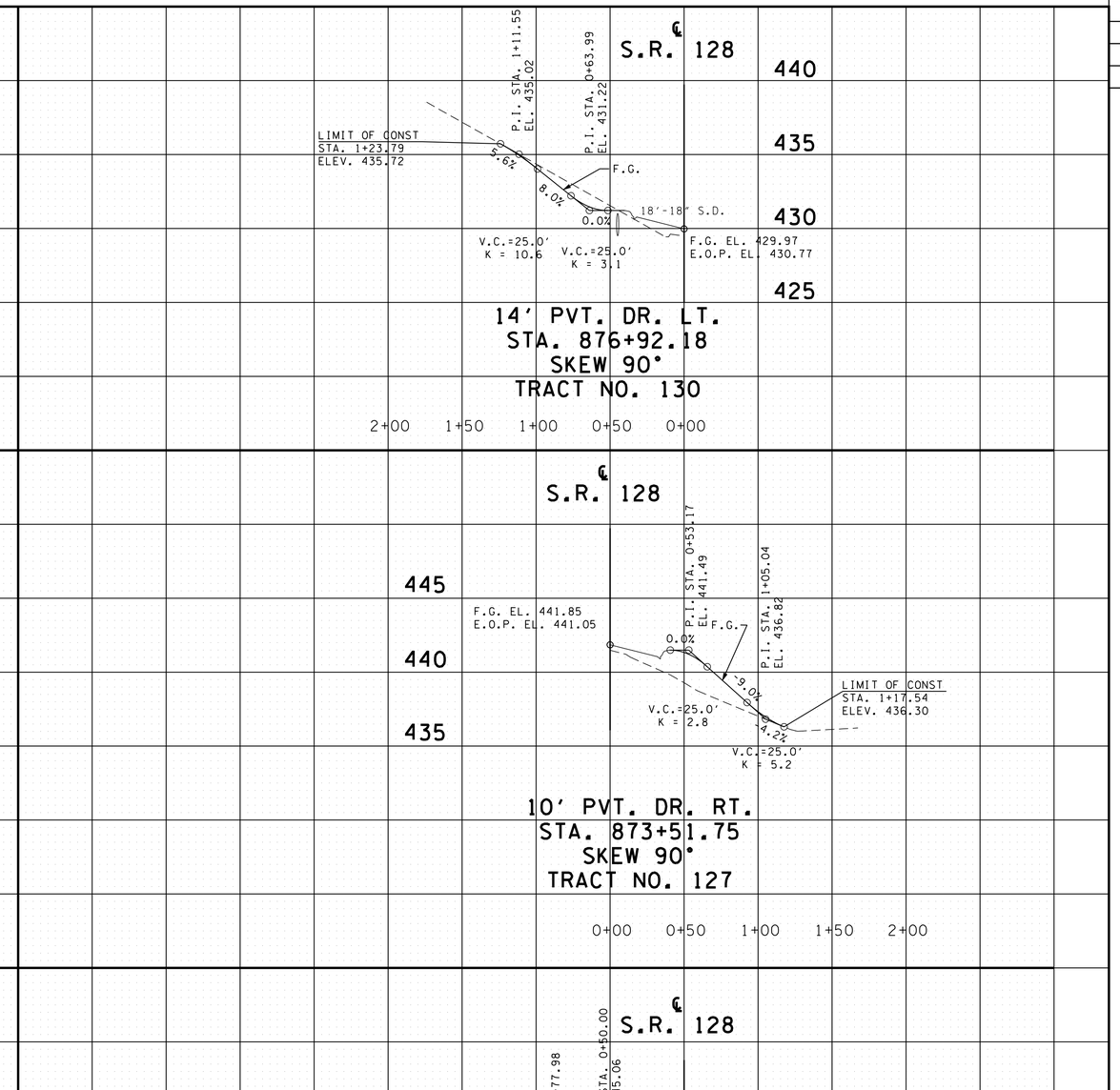
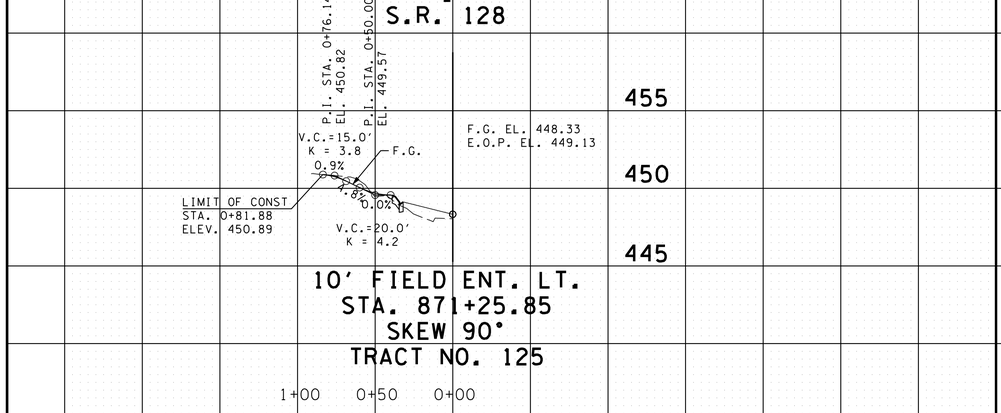
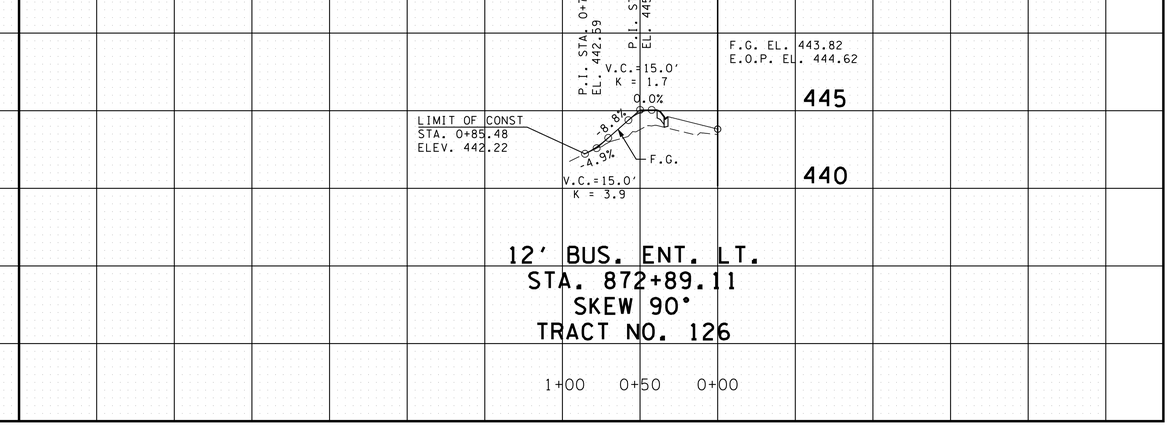
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30P
CONST.	2015	NH-128(27)	14A









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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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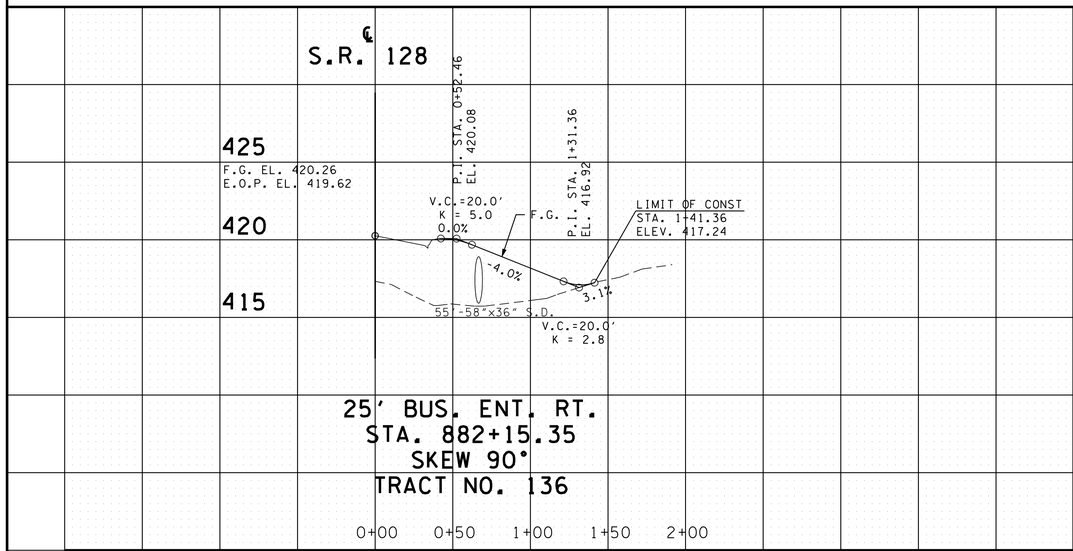
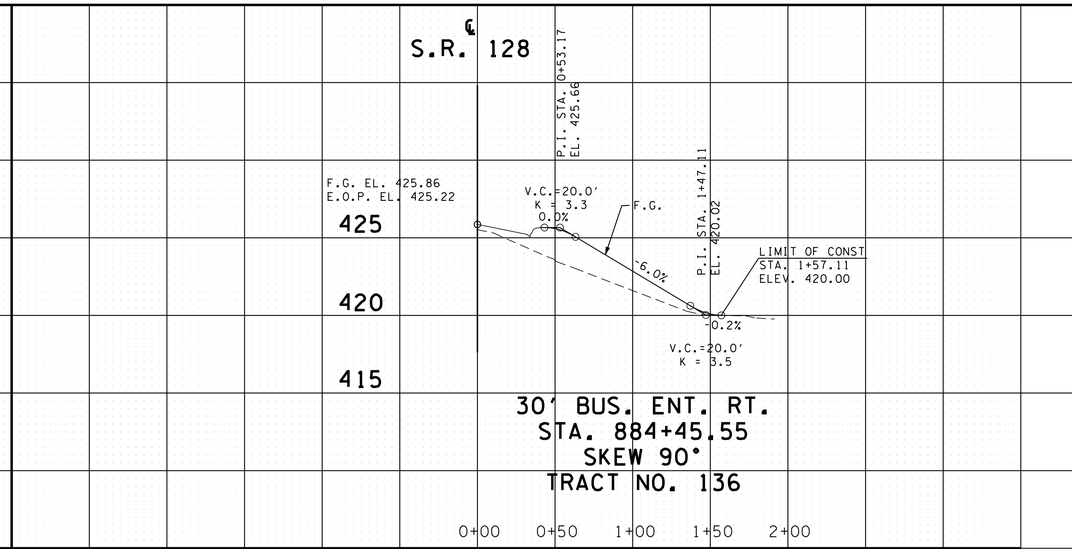
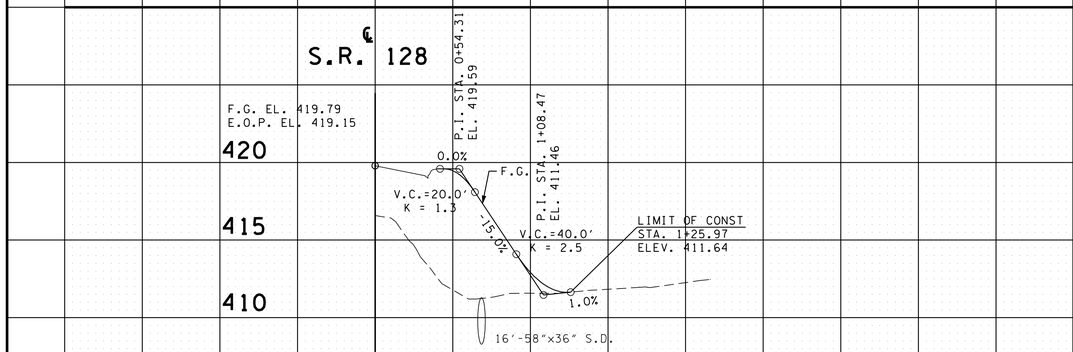
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30D
CONST.	2015	NH-128(27)	14B



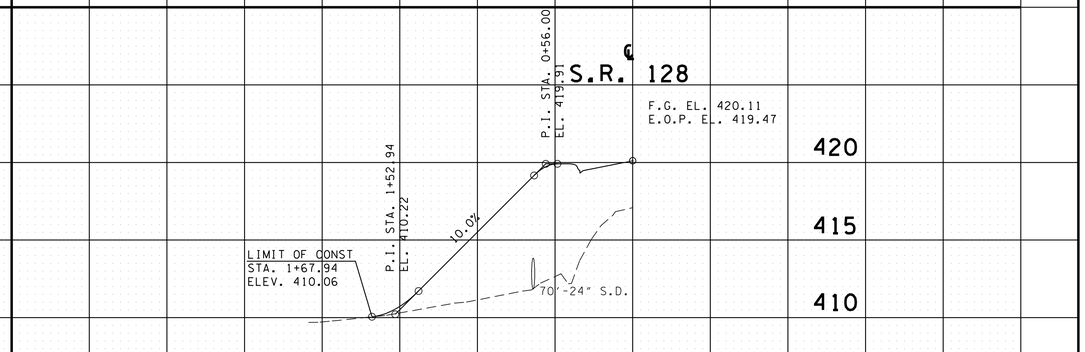
25' BUS. ENT. RT.
STA. 882+15.35
SKEW 90°
TRACT NO. 136



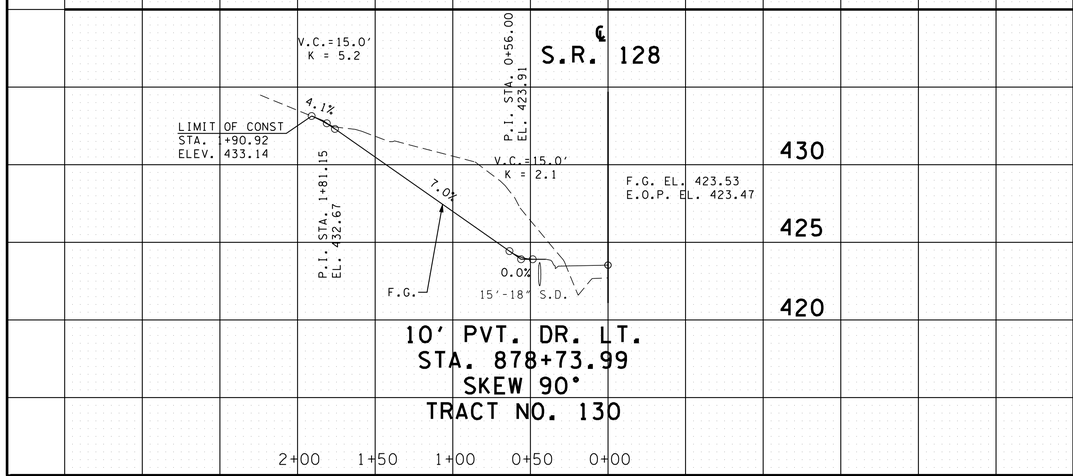
30' BUS. ENT. RT.
STA. 884+45.55
SKEW 90°
TRACT NO. 136



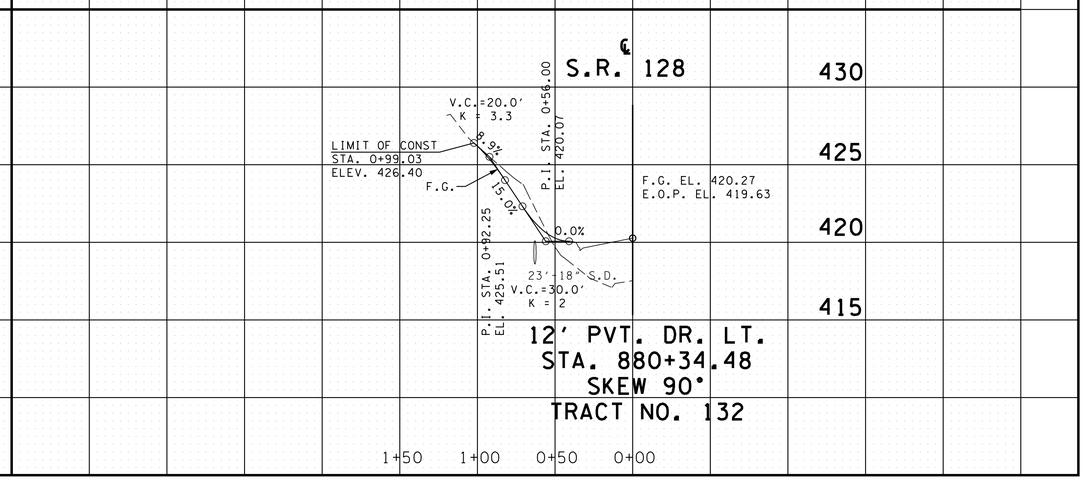
10' FIELD ENT. RT.
STA. 881+36.69
SKEW 90°
TRACT NO. 133



30' PVT. DR. LT.
STA. 882+00.00
SKEW 90°
TRACT NO. 130



10' PVT. DR. LT.
STA. 878+73.99
SKEW 90°
TRACT NO. 130



12' PVT. DR. LT.
STA. 880+34.48
SKEW 90°
TRACT NO. 132

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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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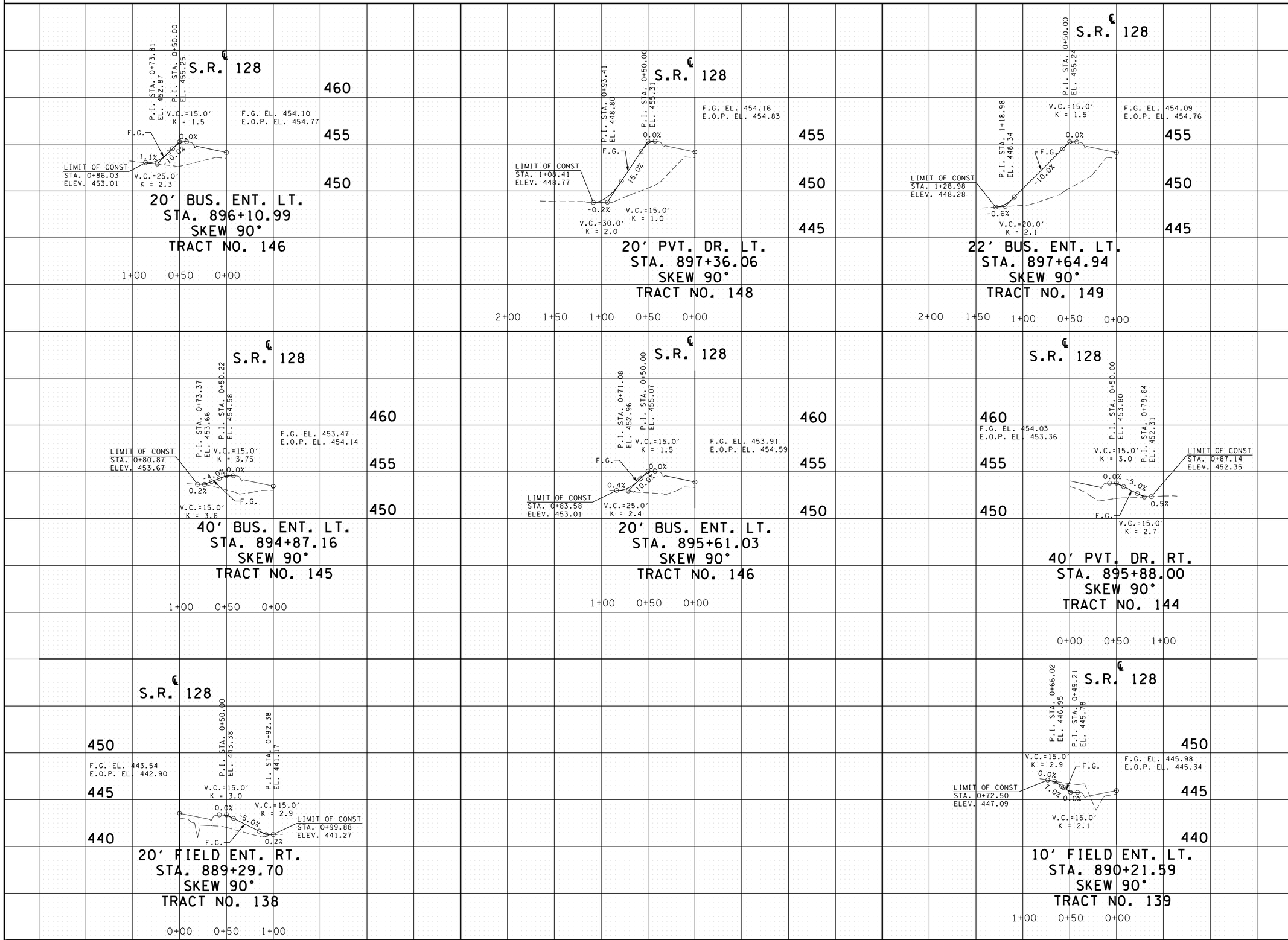
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30R
CONST.	2015	NH-128(27)	14C

REV. 07/12/05: ADDED DRIVE AT STA. 895+88 RT TO TRACT 144.

REV. 05/08/06: REMOVED 40' DRIVE AT STA. 895+88.83. REPLACED WITH 2 - 20' DRIVES AT STA. 895+61.03 AND 896+10.99.



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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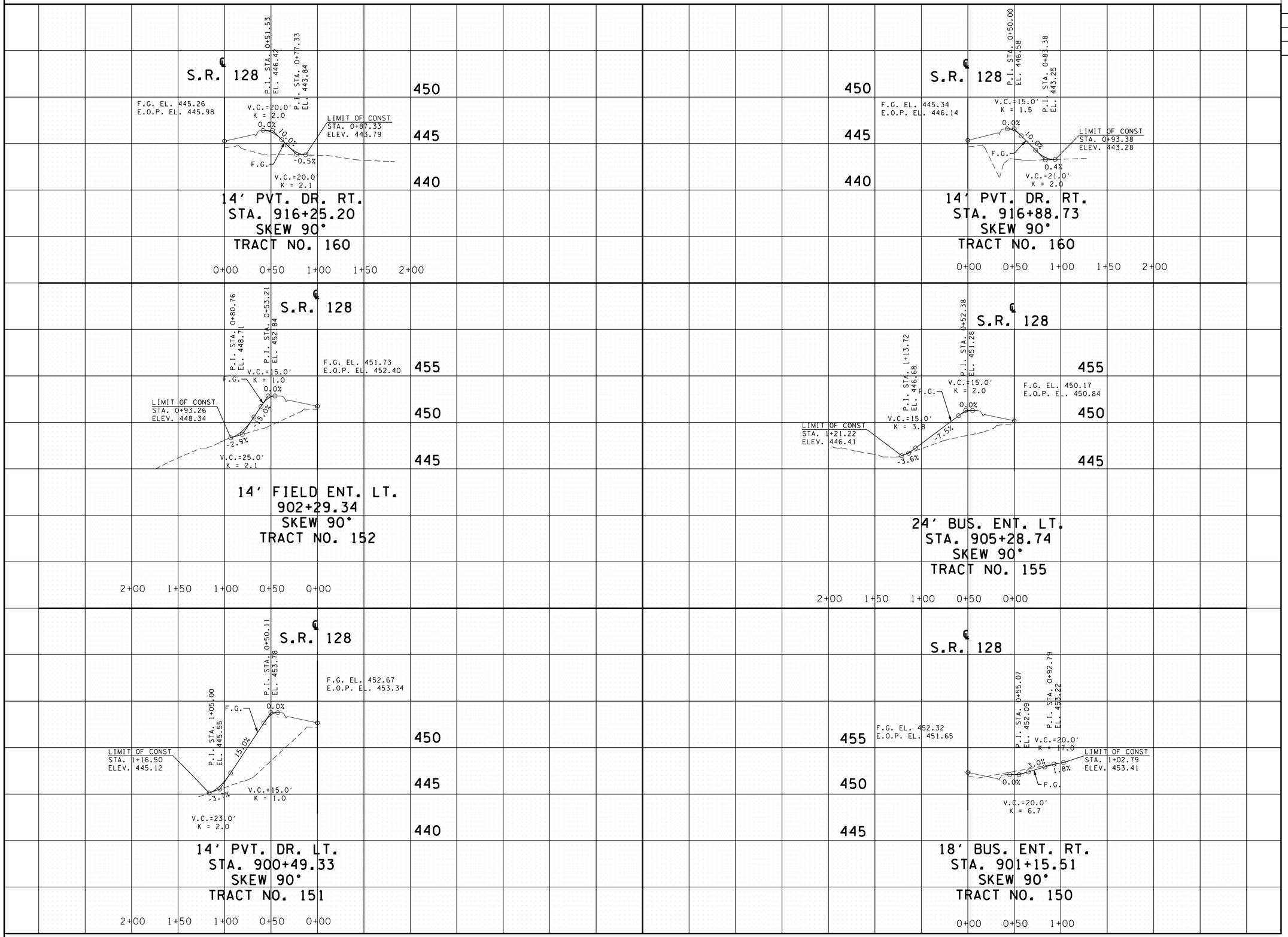
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.OW.	2004	STP-128(11)	30S
CONST.	2015	NH-128(27)	14D



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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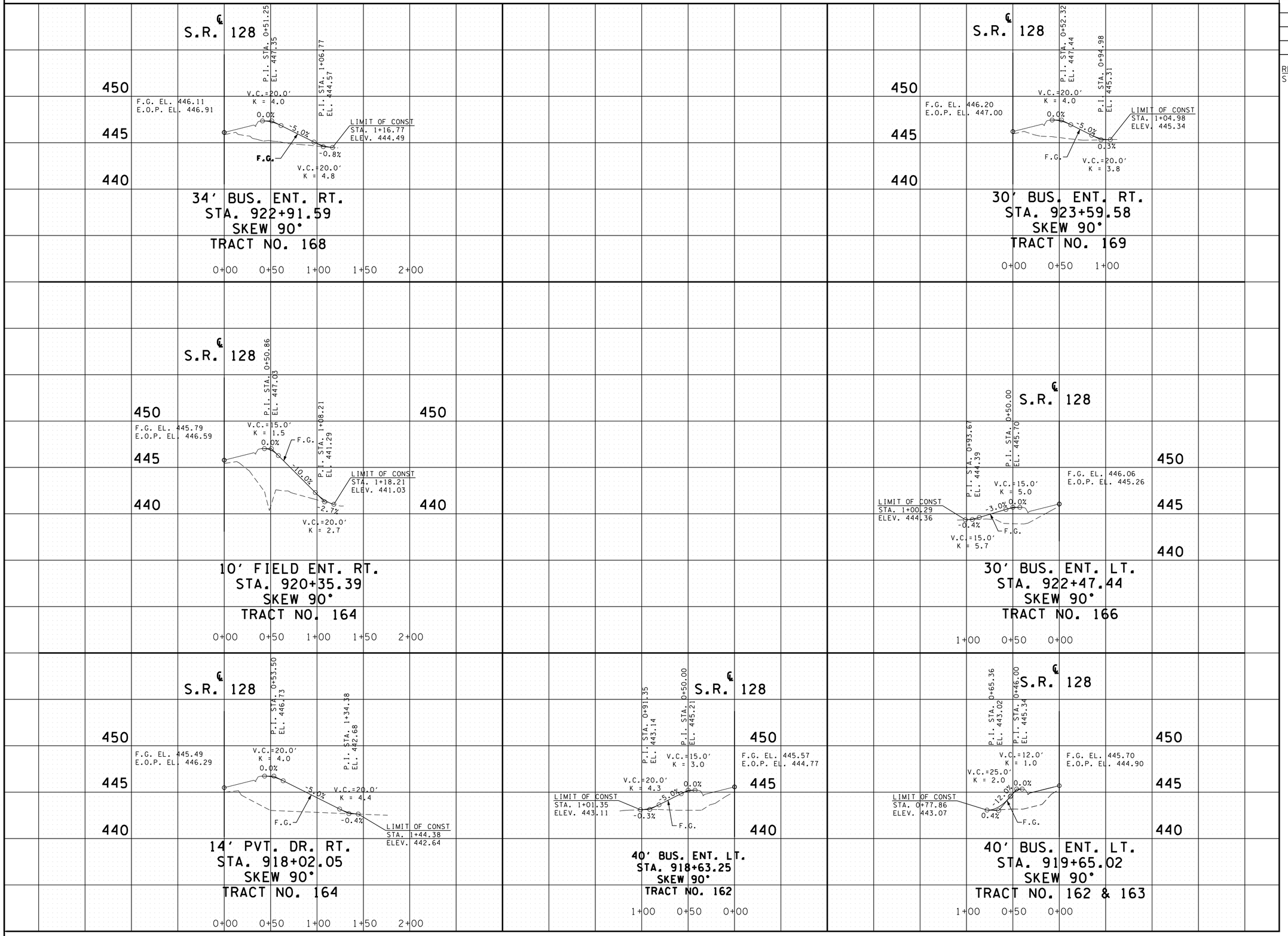
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30T
CONST.	2015	NH-128(27)	14E

REV. 10/28/05: ADDED DRIVE AT STA. 919+65.02



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PROFILE OF PRIVATE DRIVES

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

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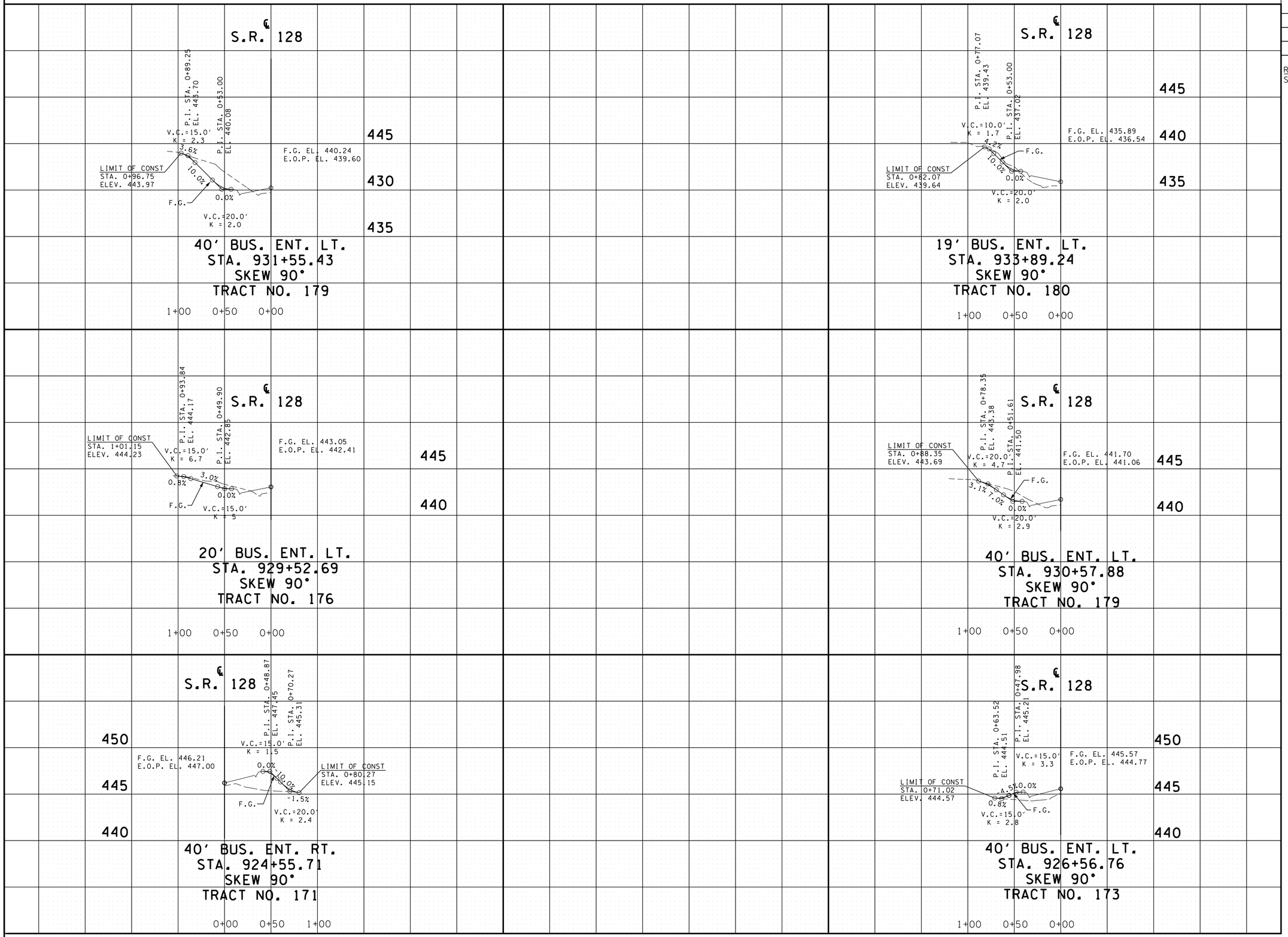
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30U
CONST.	2015	NH-128(27)	14F

REV. 05/24/05: ADJUSTED DRIVE AT STA. 933+89.24



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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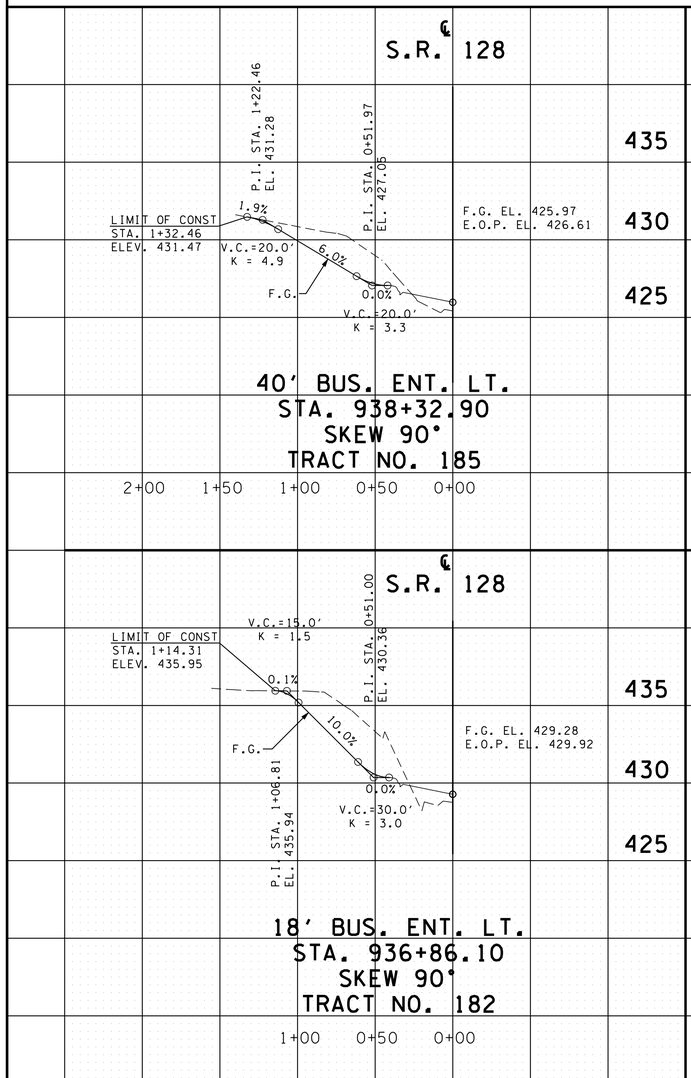
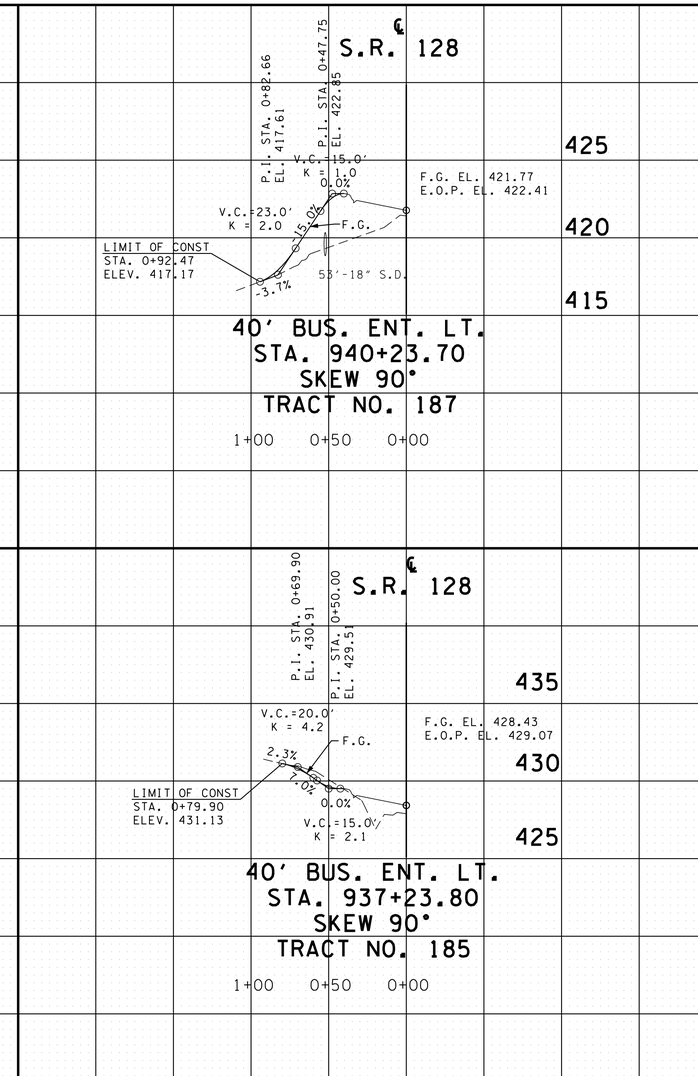
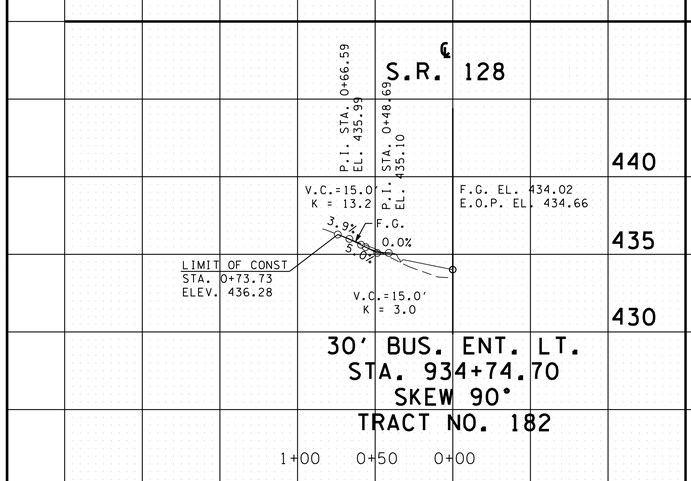
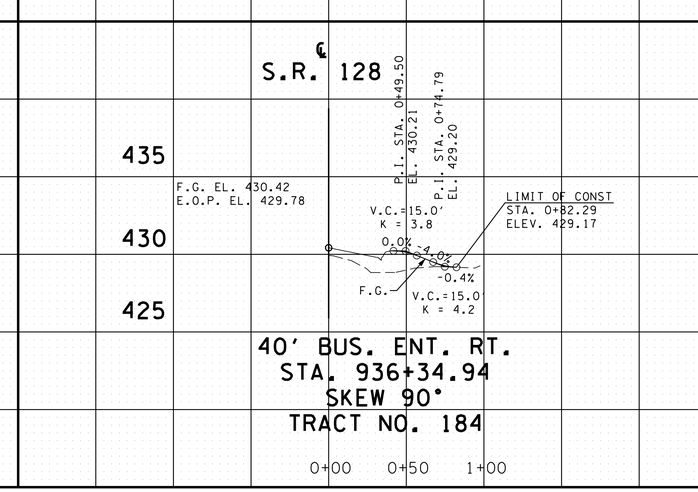
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30V
CONST.	2015	NH-128(27)	14G

REV. 07/12/05: WIDENED DRIVES AT STA. 940+23, STA. 937+23, AND STA. 938+32.









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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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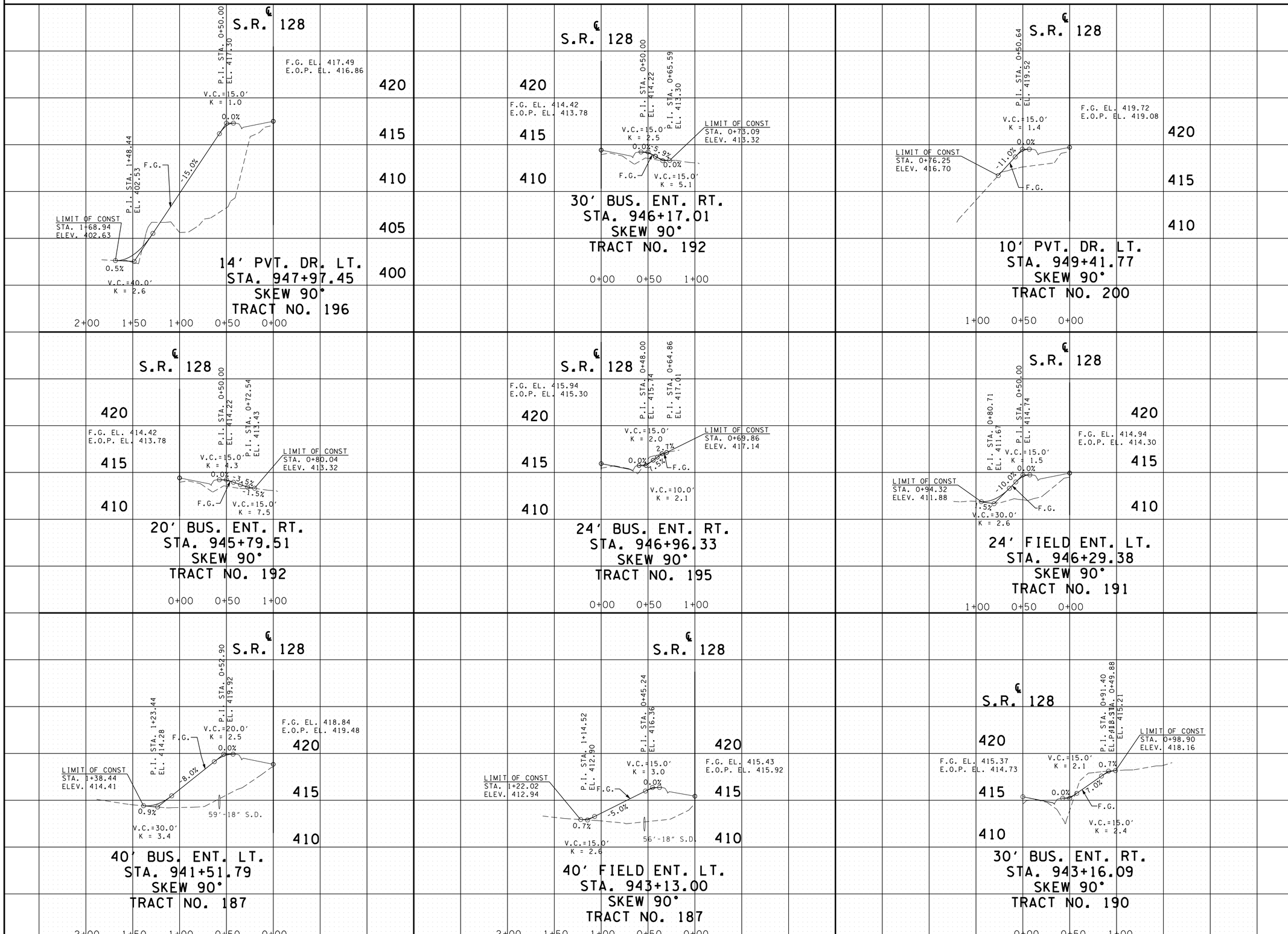
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30W
CONST.	2015	NH-128(27)	14H

REV. 08/30/05: ADDED DRIVE AT STA. 946+96 RT.

REV. 05/08/06: ADDED DRIVE AT STA. 943+16.09 RT.

REV. 02/16/07: RELOCATED DRIVE AT STA. 945+81.25 RT. TO STA. 945+79.51 RT. AND ADDED DRIVE AT STA. 946+17.01 RT.



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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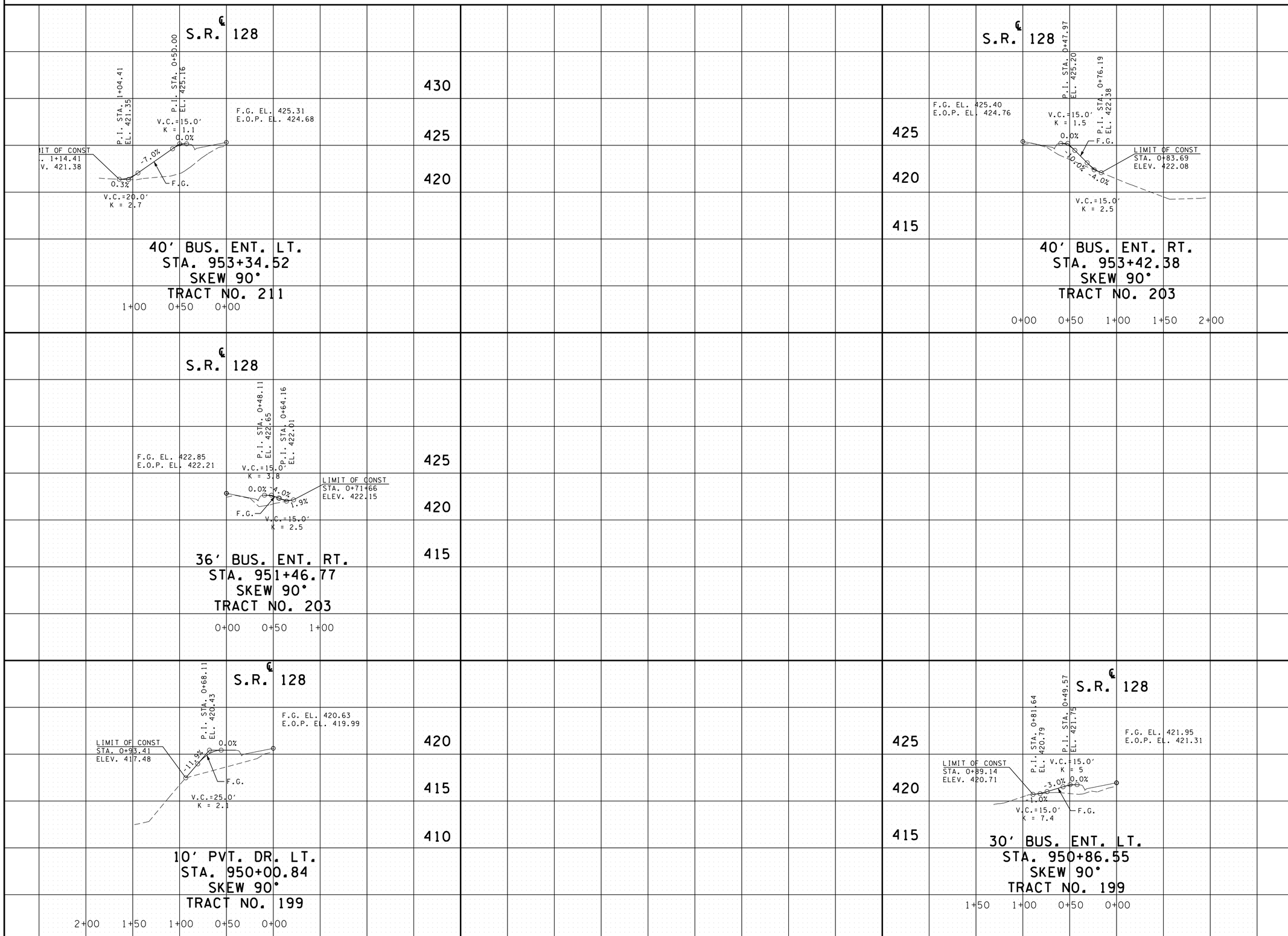
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	30X
CONST.	2015	NH-128(27)	14"T



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DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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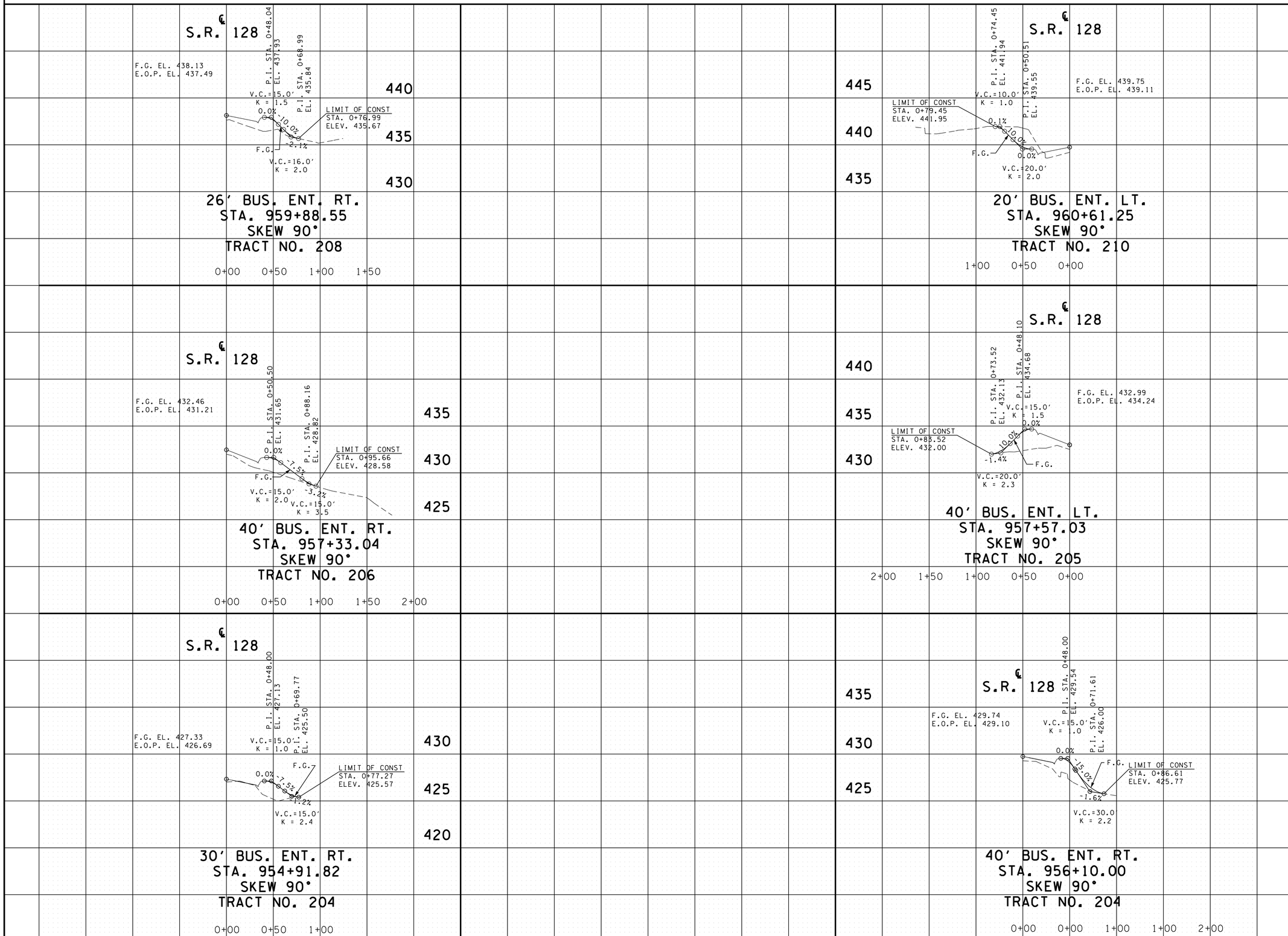
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.OW.	2004	STP-128(11)	30Y
CONST.	2015	NH-128(27)	14J

REV. 08/30/05: DELETED DRIVES AT 956+43 RT AND 955+89 RT. ADDED DRIVES AT 954+91 RT. AND 956+10 RT.



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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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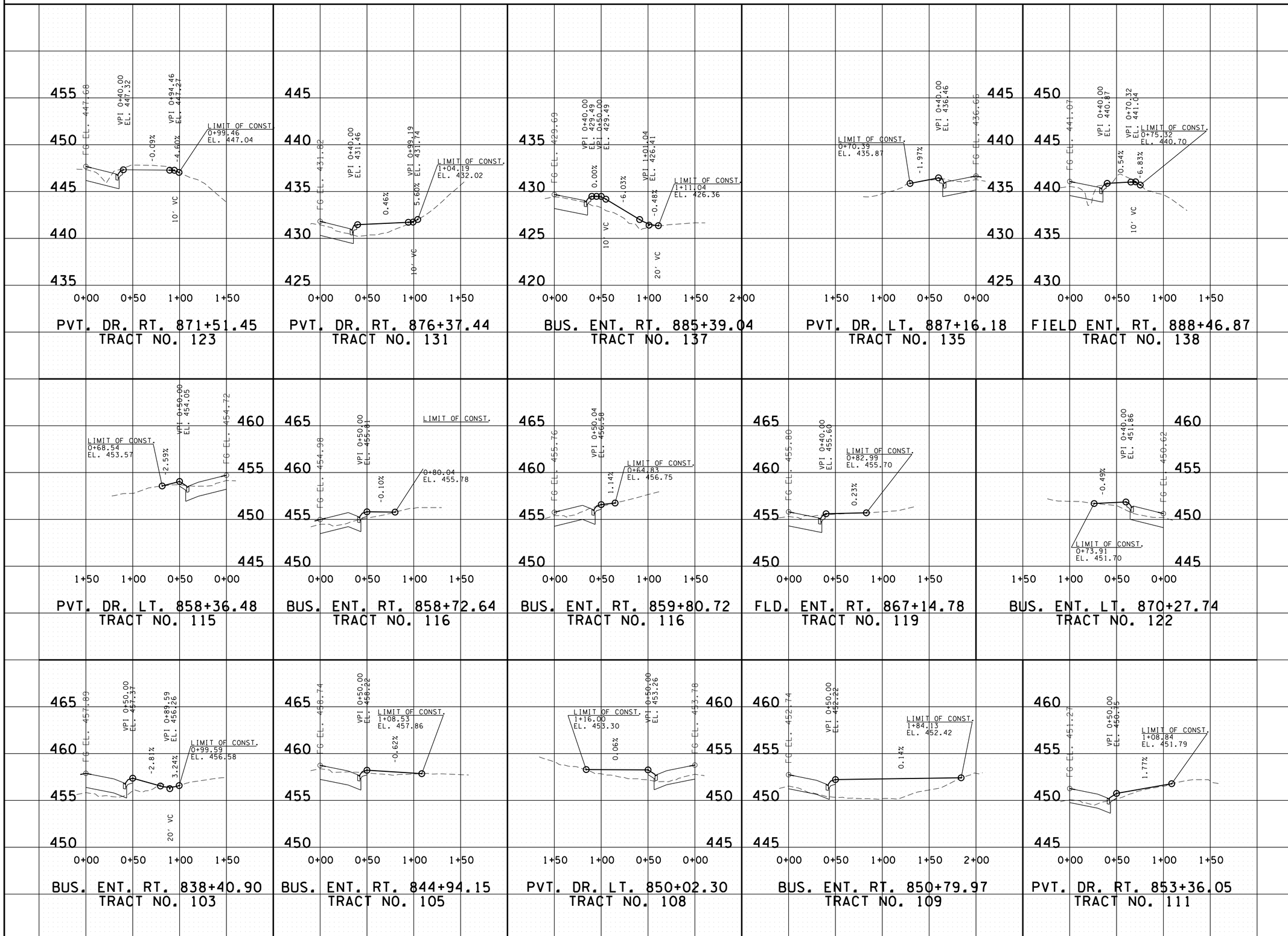
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	14K



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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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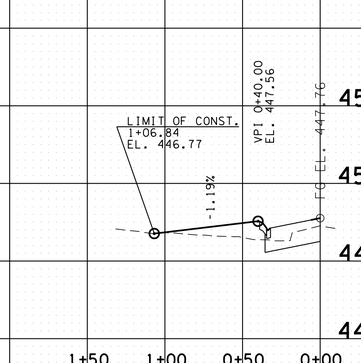
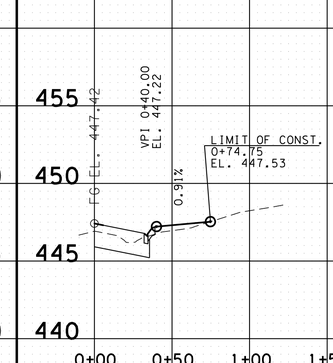
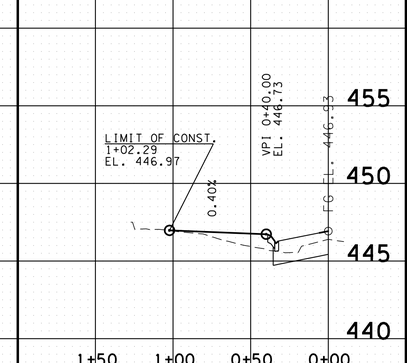
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	14L



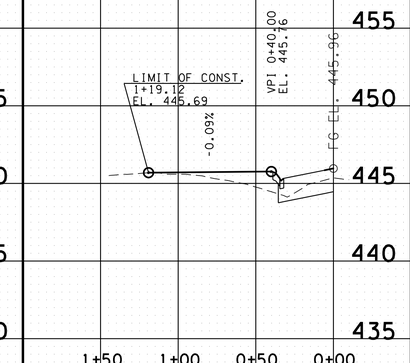
BUS. ENT. LT. 909+89.91
TRACT NO. 155



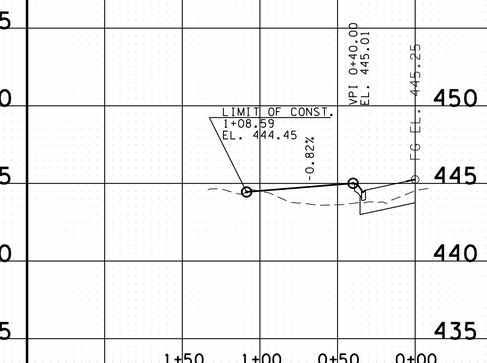
CHURCH ENT. RT. 910+55.74
TRACT NO. 159



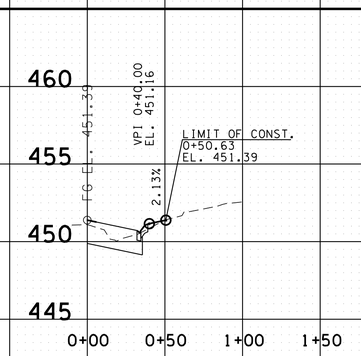
BUS. ENT. LT. 911+49.83
TRACT NO. 155



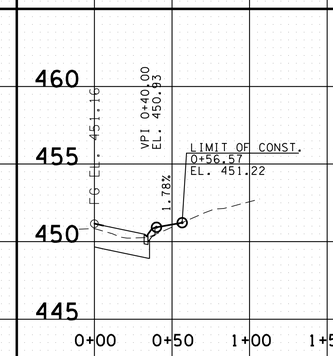
BUS. ENT. LT. 913+34.89
TRACT NO. 155



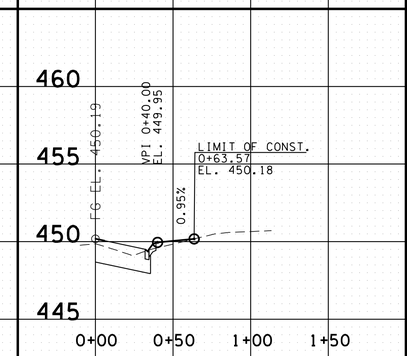
BUS. ENT. LT. 916+18.66
TRACT NO. 155



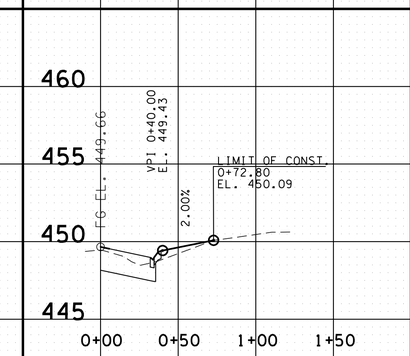
BUS. ENT. RT. 902+94.35
TRACT NO. 153



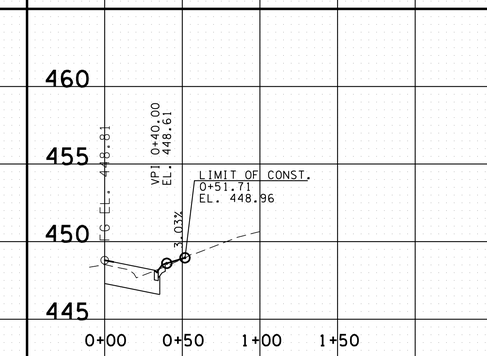
BUS. ENT. RT. 903+38.84
TRACT NO. 154



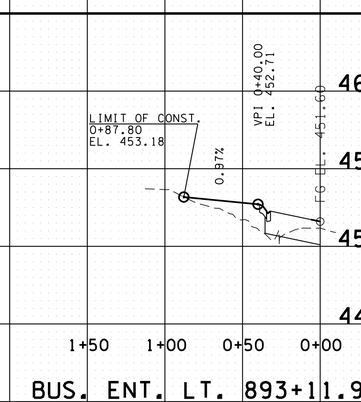
BUS. ENT. RT. 905+25.34
TRACT NO. 156



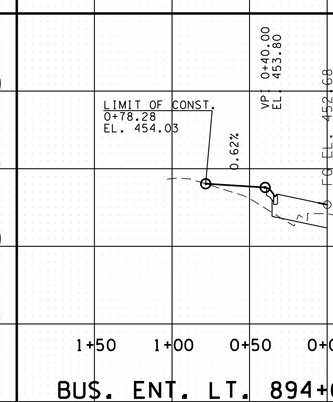
BUS. ENT. RT. 906+25.58
TRACT NO. 156



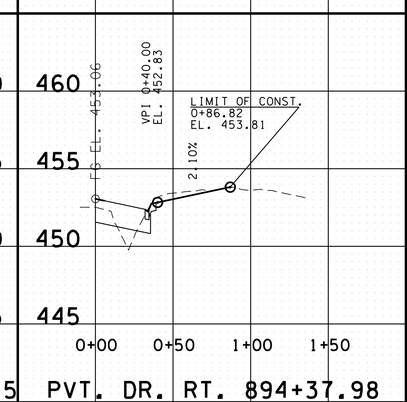
BUS. ENT. RT. 907+89.79
TRACT NO. 158



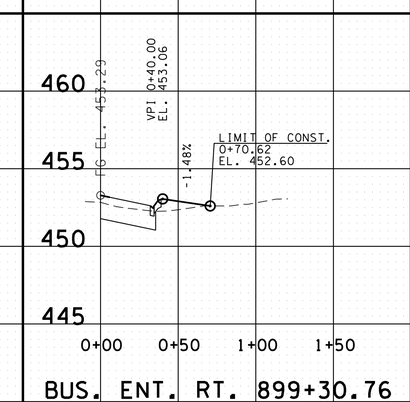
BUS. ENT. LT. 893+11.97
TRACT NO. 141



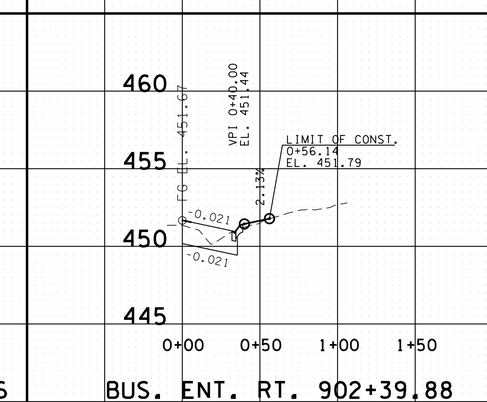
BUS. ENT. LT. 894+00.15
TRACT NO. 143



PVT. DR. RT. 894+37.98
TRACT NO. 144



BUS. ENT. RT. 899+30.76
TRACT NO. 150



BUS. ENT. RT. 902+39.88
TRACT NO. 153

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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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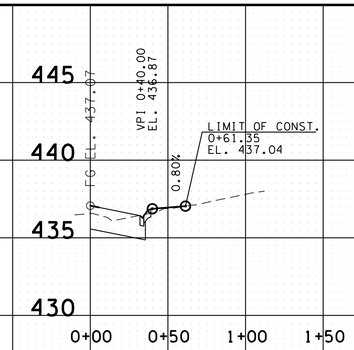
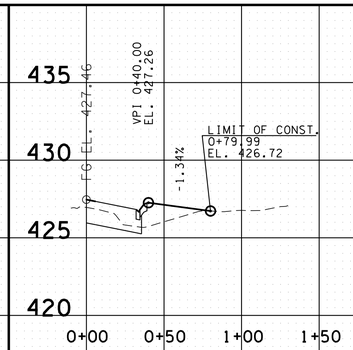
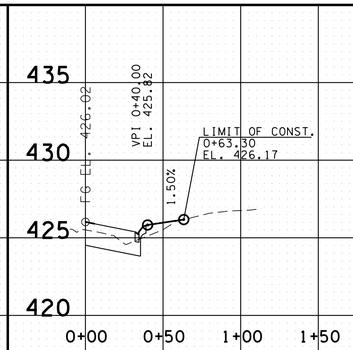
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	14M



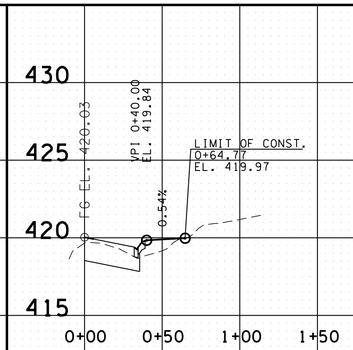
BUS. ENT. RT. 933+31.97
TRACT NO. 178



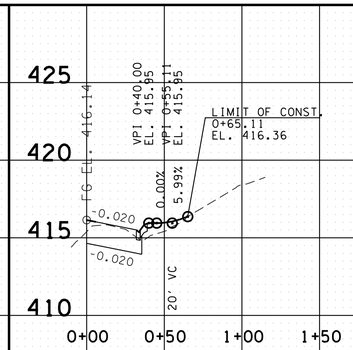
BUS. ENT. RT. 937+67.12
TRACT NO. 186



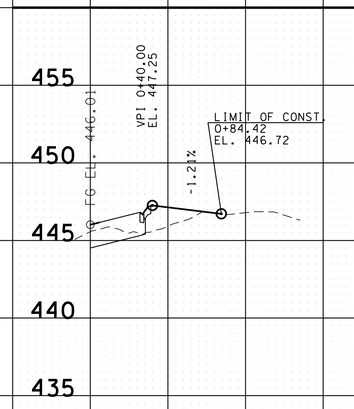
BUS. ENT. RT. 938+31.32
TRACT NO. 186



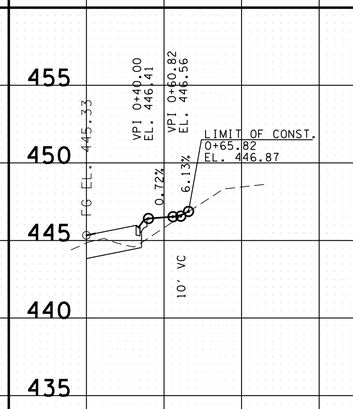
BUS. ENT. RT. 940+98.39
TRACT NO. 188



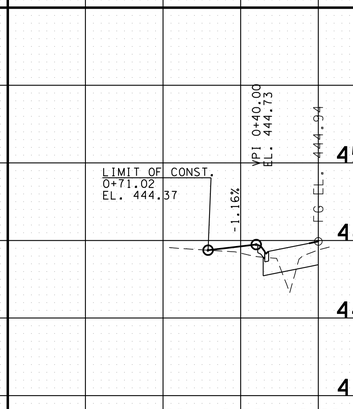
BUS. ENT. RT. 942+73.66
TRACT NO. 188



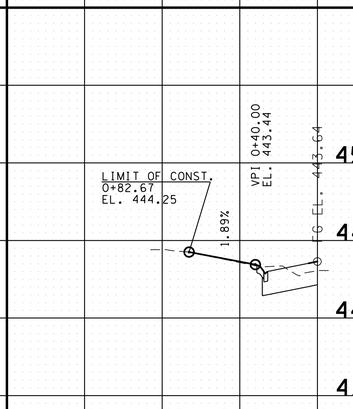
BUS. ENT. RT. 925+51.44
TRACT NO. 172



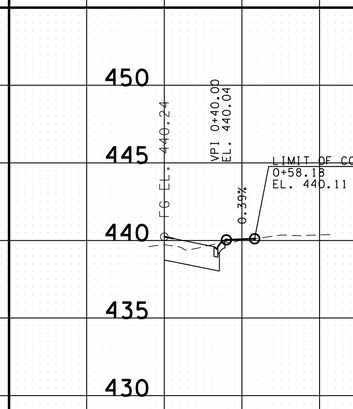
BUS. ENT. RT. 926+98.69
TRACT NO. 175



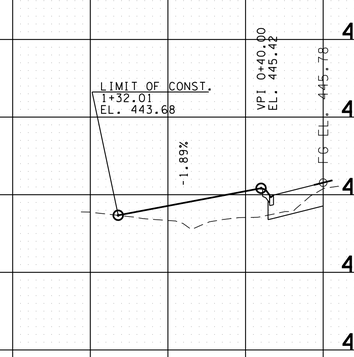
BUS. ENT. LT. 927+56.19
TRACT NO. 176



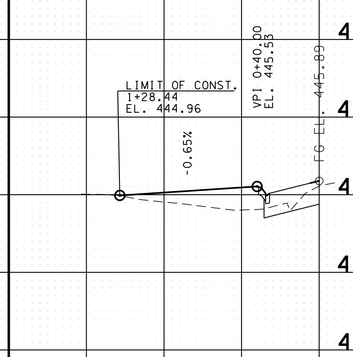
BUS. ENT. LT. 928+99.60
TRACT NO. 176



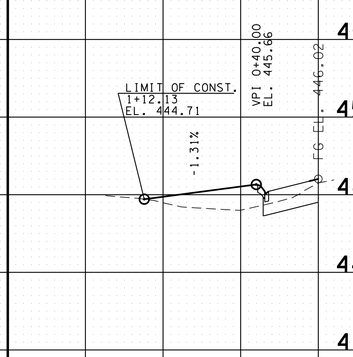
BUS. ENT. RT. 931+55.43
TRACT NO. 178



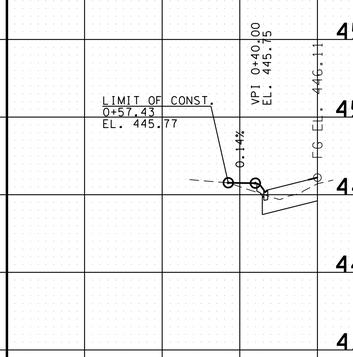
BUS. ENT. LT. 920+26.40
TRACT NO. 163



BUS. ENT. LT. 921+15.44
TRACT NO. 165



BUS. ENT. LT. 922+15.45
TRACT NO. 165



BUS. ENT. LT. 925+17.06
TRACT NO. 170

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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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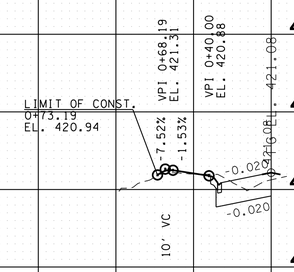
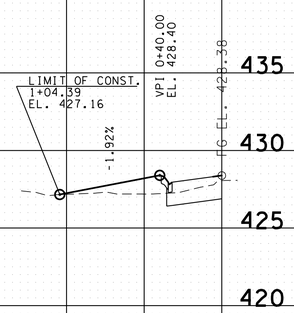
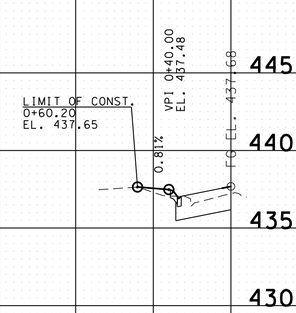
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	14N



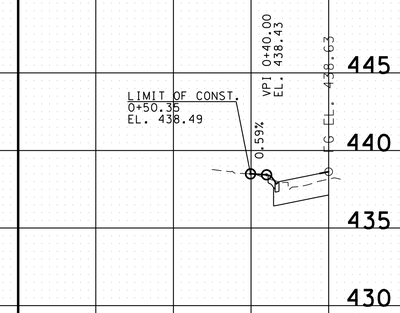
BUS. ENT. LT. 950+29.84
TRACT NO. 199



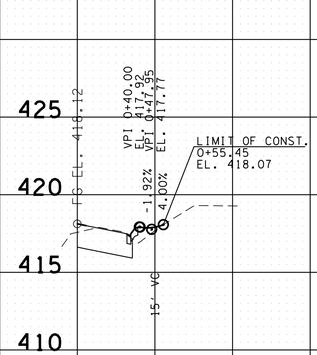
BUS. ENT. LT. 955+48.67
TRACT NO. 205



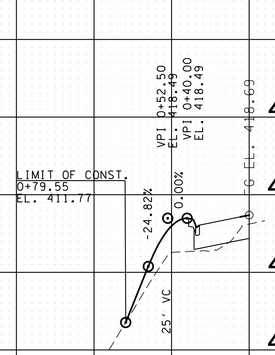
BUS. ENT. LT. 959+70.35
TRACT NO. 209



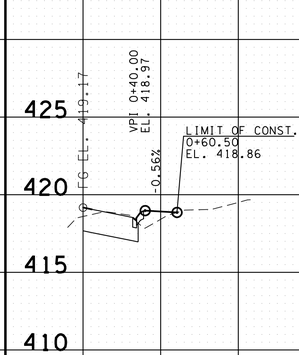
BUS. ENT. LT. 960+13.34
TRACT NO. 209



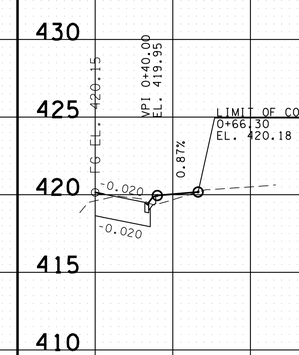
BUS. ENT. RT. 948+37.96
TRACT NO. 198



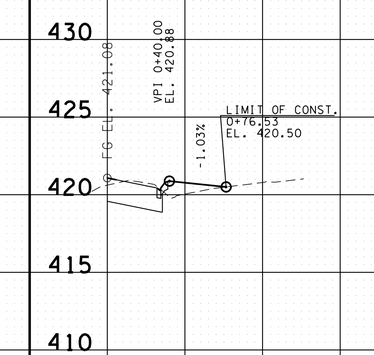
PVT. DR. LT. 948+74.43
TRACT NO. 199



BUS. ENT. RT. 949+06.07
TRACT NO. 201



BUS. ENT. RT. 949+69.36
TRACT NO. 202



BUS. ENT. RT. 950+29.69
TRACT NO. 203

UNOFFICIAL SET

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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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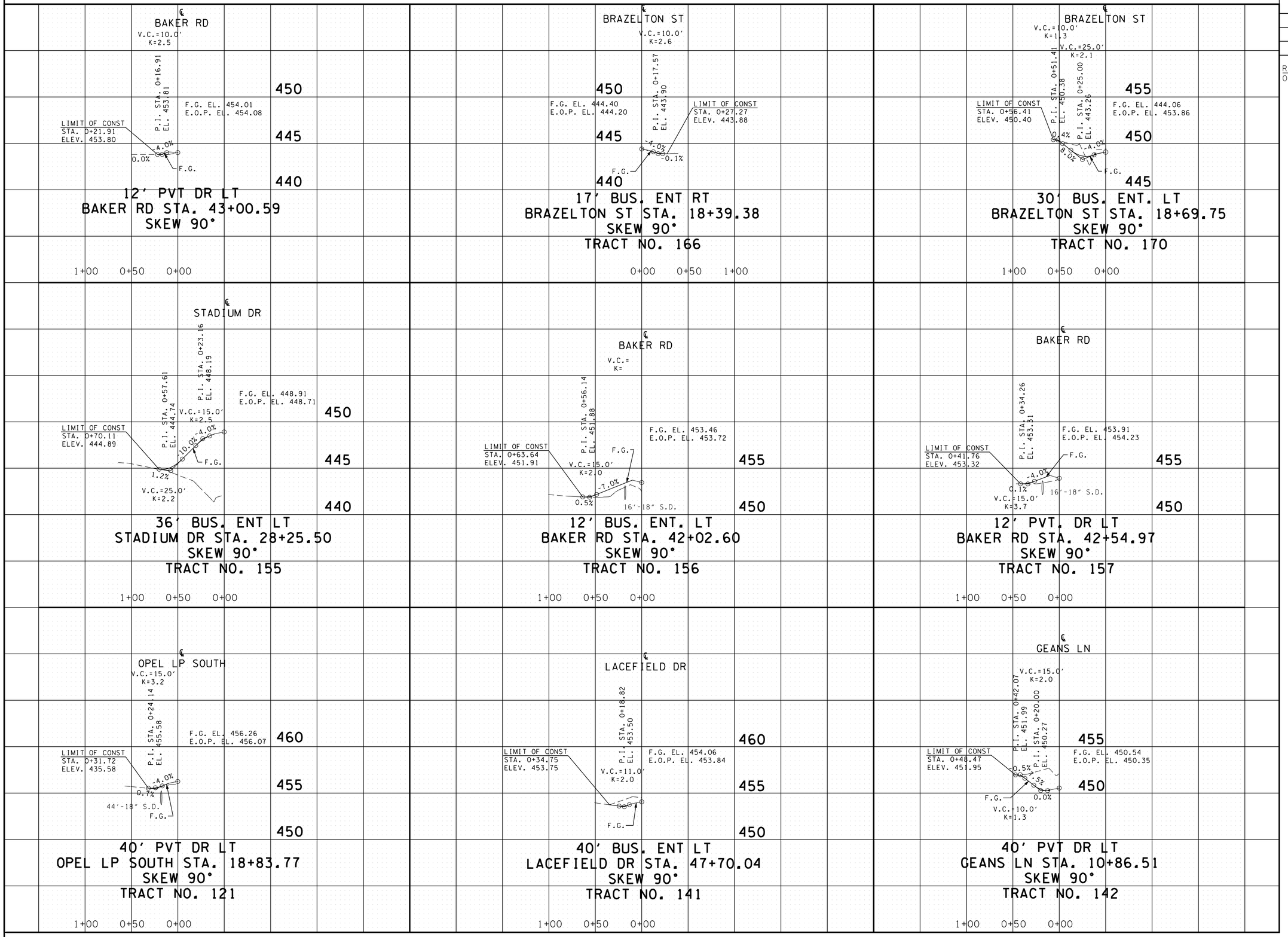
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W	2004	STP-128(11)	30BB
CONST.	2015	NH-128(27)	14"G"

REV. 10/10/05: WIDENED DRIVE ON GEANS LANE.



UNOFFICIAL SET

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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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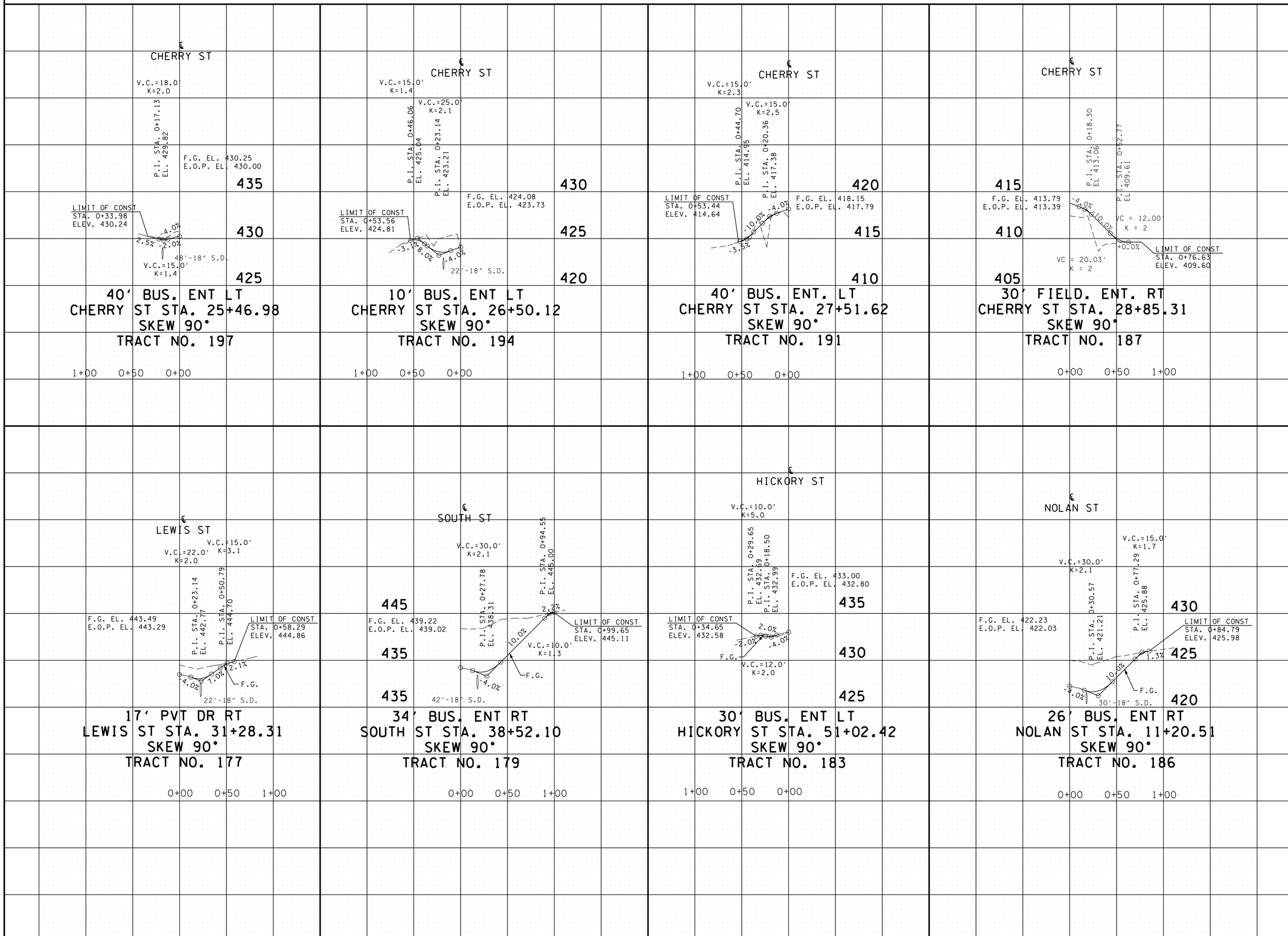
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30CC
CONST.	2015	NH-128(27)	14P

REV. 05/24/05: CHANGED DRIVEWAYS ON CHERRY ST.

REV. 05/08/06: ADDED DRIVE AT STA. 27+51.62 ON CHERRY ST.

REV. 12/15/06: ADDED DRIVE AT STA. 285+85.31 ON CHERRY ST.



UNOFFICIAL SET

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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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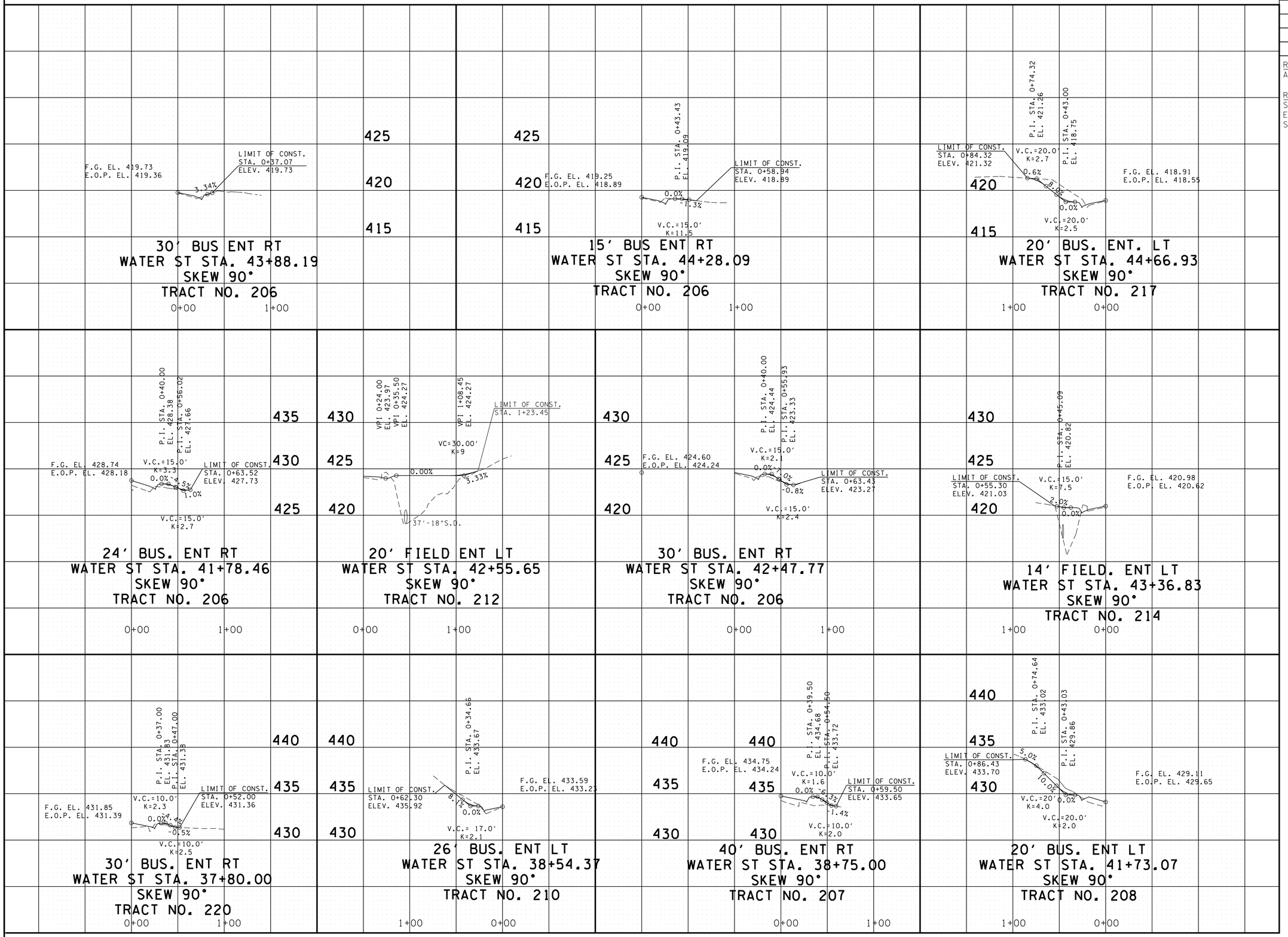
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	30DD
CONST.	2015	NH-128(27)	14"Q"

REV. 08/31/09: RELOCATED DRIVE AT WATER ST. STA. 42+55.65 LT.

REV. 12/28/11: ADDED BUS. ENT. AT STA. 37+80.00 RT. AND MOVED BUS. ENT. FROM STA. 38+92.06 RT. TO STA. 38+75.00 RT. ON WATER ST.



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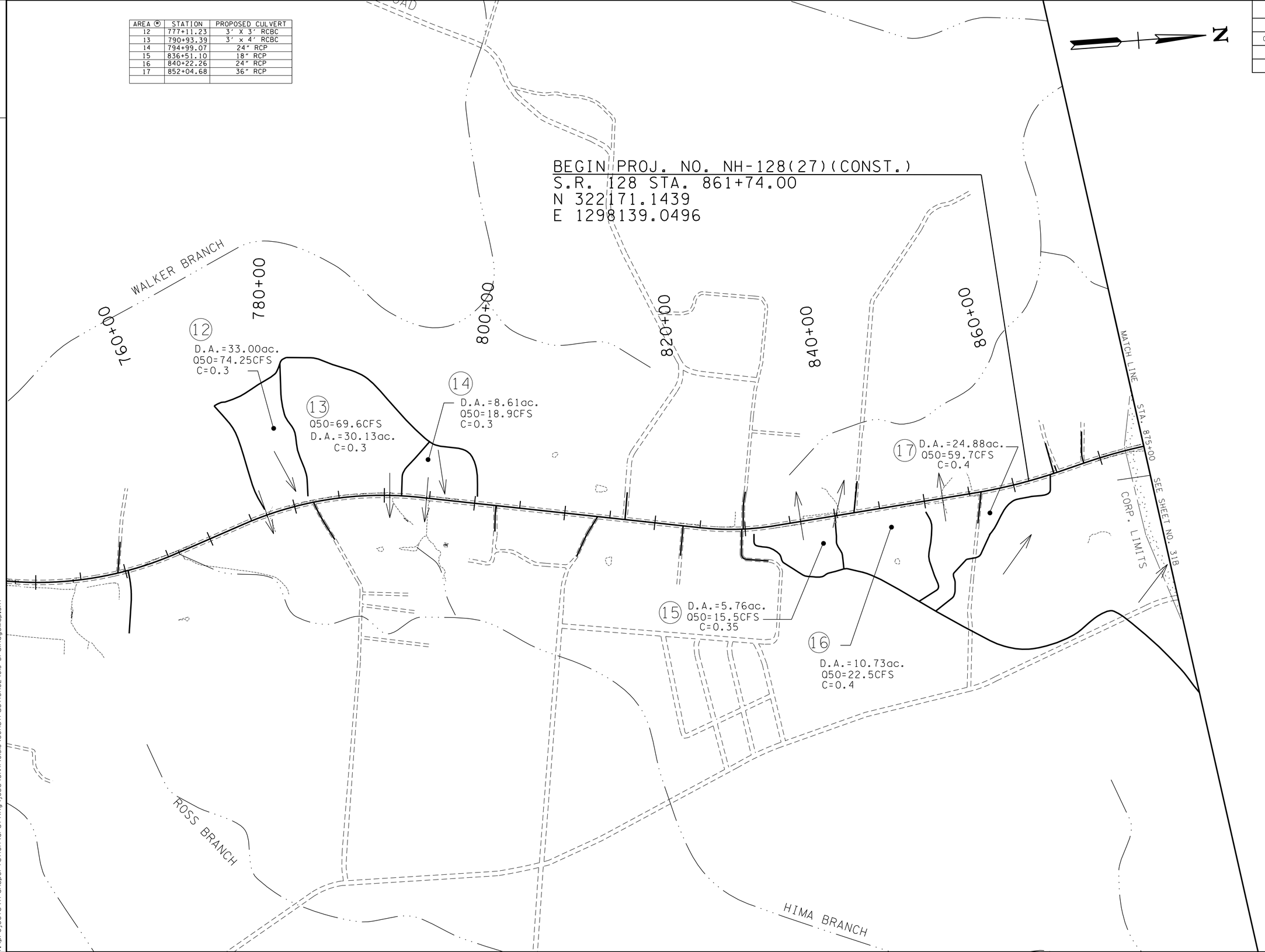
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

AREA ⑫	STATION	PROPOSED CULVERT
12	777+11.23	3' X 3' RCBC
13	790+93.39	3' x 4' RCBC
14	794+99.07	24" RCP
15	836+51.10	18" RCP
16	840+22.26	24" RCP
17	852+04.68	36" RCP

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	31
CONST.	2015	NH-128(27)	15



UNOFFICIAL SET
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.778+00 TO STA.875+00

SCALE: 1"=500'

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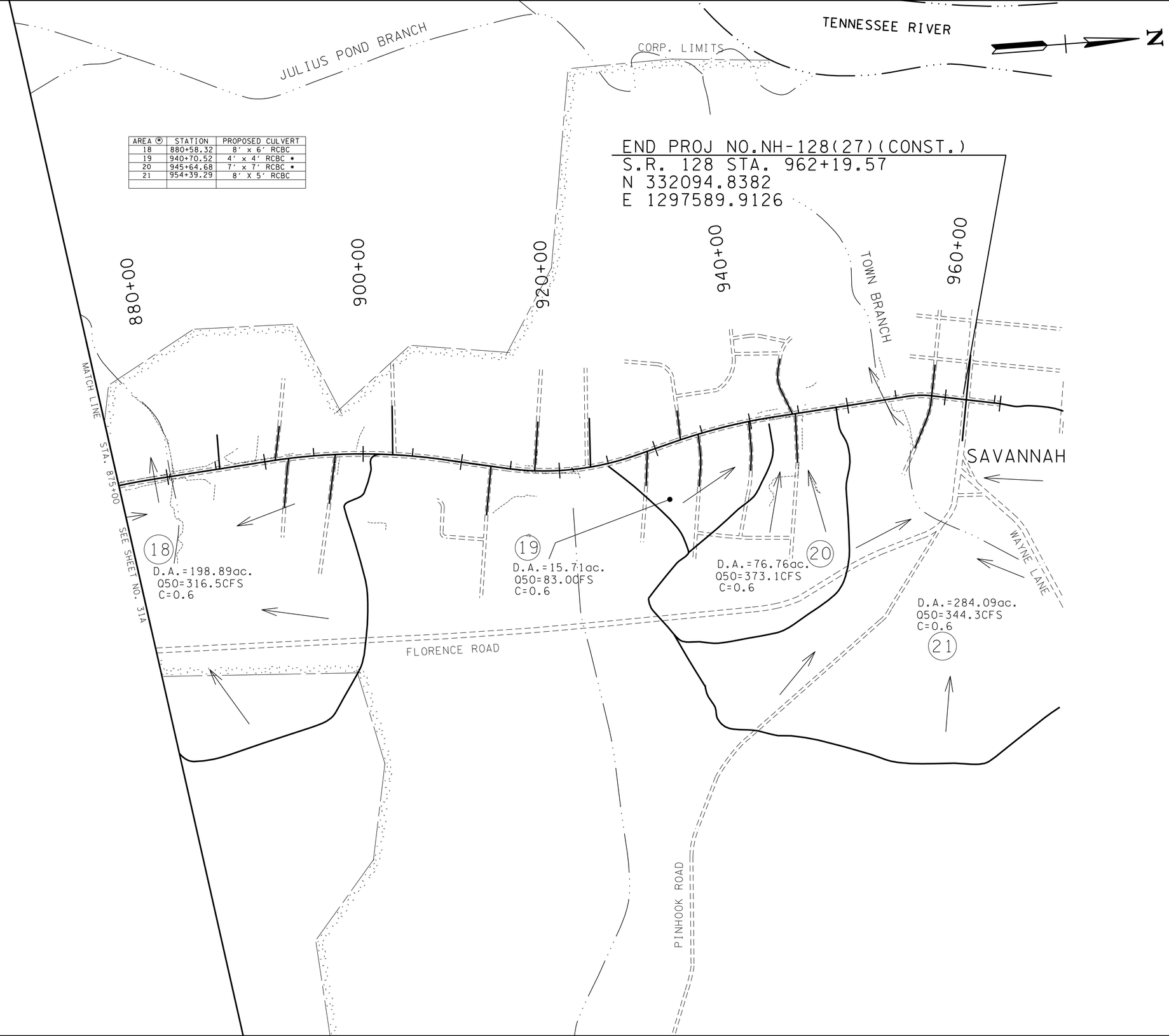
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	15A



AREA #	STATION	PROPOSED CULVERT
18	880+58.32	8' x 6' RCBC
19	940+70.52	4' x 4' RCBC *
20	945+64.68	7' x 7' RCBC *
21	954+39.29	8' X 5' RCBC

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.875+00 TO END OF PROJ.

SCALE: 1"=500'

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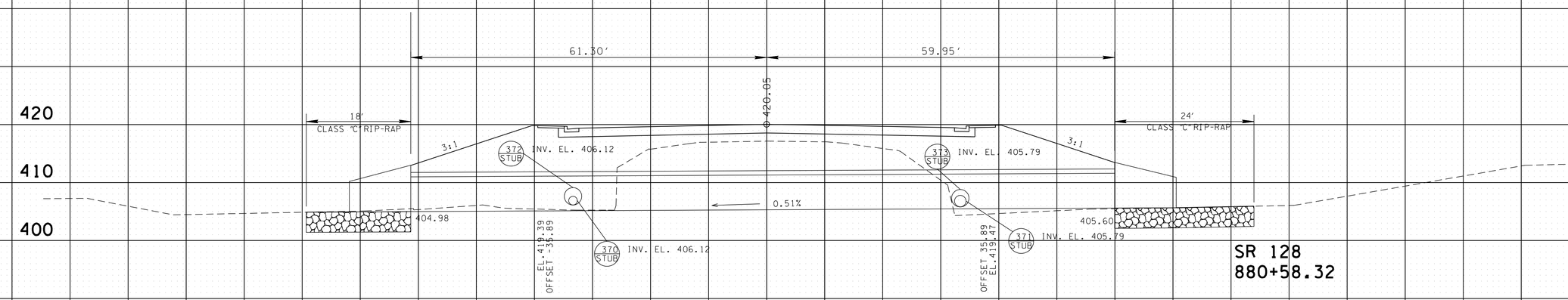
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	32H
CONST.	2015	NH-128(27)	16



STATION	880+58.32	
STRUCTURE	121.25 FT OF 8' x 6' RCBC	
SKEW	81°35' LT	
DRAINAGE AREA	198.8 AC.	
DESIGN DISCHARGE(Q50)	316.5 CFS	
OVERTOPPING ELEV.	420.05	
ALLOWABLE HEADWATER ELEV.	419.39	
Q50 HEADWATER ELEV.	411.30	
Q100 HEADWATER ELEV.	411.96	
VELOCITY (Q50)	6.59 FT/S	
INLET ELEVATION	405.60	
OUTLET ELEVATION	404.98	
STANDARD DRAWING NUMBERS	STD-15-1 TO 6, 7 TO 10 12 TO 16, 19, 20, 25 TO 29, 37	
CLASS "A" CONCRETE	118	C.Y.
STEEL BAR REINFORCING	22664	LB.
FOUNDATION FILL MATERIAL	30	C.Y.
GRANULAR BACKFILL	813	C.Y.
CLASS C RIP RAP	225	TONS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATIO

CULVERT CROSS-SECTIONS

SCALE: 1"=10'

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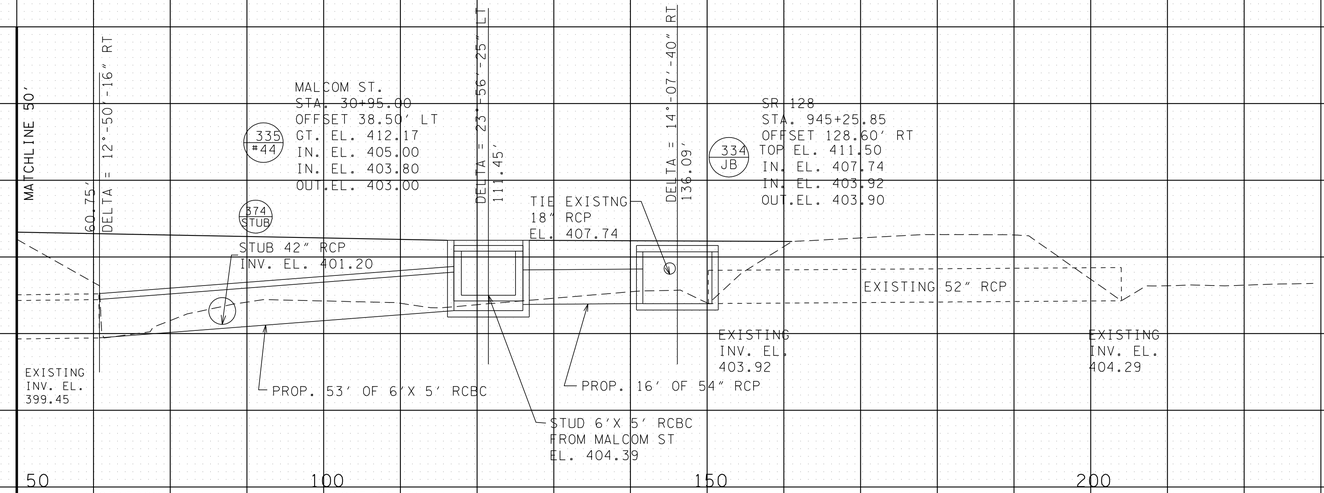
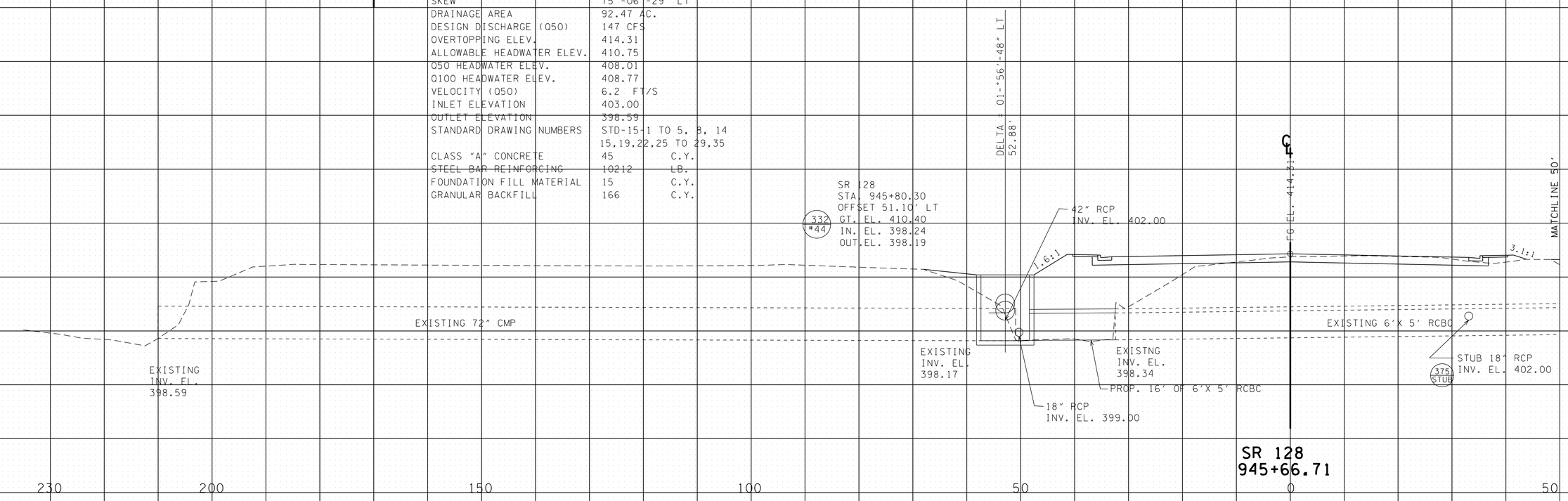
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	16A



STATION	945+66.71
STRUCTURE	69' OF 6' X 5' RCBC & 16' OF 54" RCP (SEE STORM SEWER PIPE TAB. FOR 54" RCP)
SKEW	75°-06'-29" LT
DRAINAGE AREA	92.47 AC.
DESIGN DISCHARGE (Q50)	147 CFS
OVERTOPPING ELEV.	414.31
ALLOWABLE HEADWATER ELEV.	410.75
Q50 HEADWATER ELEV.	408.01
Q100 HEADWATER ELEV.	408.77
VELOCITY (Q50)	6.2 FT/S
INLET ELEVATION	403.00
OUTLET ELEVATION	398.59
STANDARD DRAWING NUMBERS	STD-15-1 TO 5, 8, 14 15,19,22,25 TO 29,35
CLASS "A" CONCRETE	45 C.Y.
STEEL BAR REINFORCING	10212 LB.
FOUNDATION FILL MATERIAL	15 C.Y.
GRANULAR BACKFILL	166 C.Y.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

SCALE: 1"=10 '

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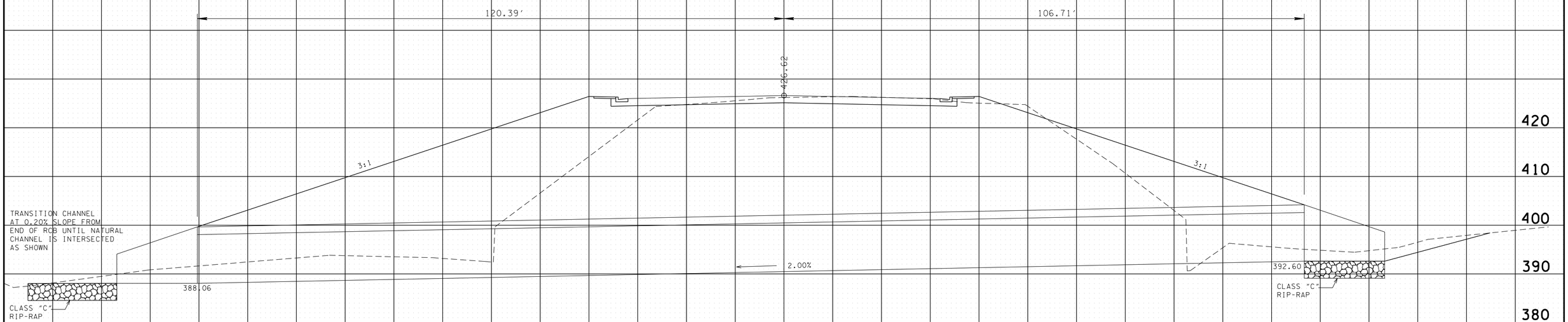
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	32"I"
CONST.	2015	NH-128(27)	16B



S.R. 128
954+43.00

STATION	954+43.00	
STRUCTURE	226.50 FT OF 1 @ 12' X 10' RCB	
SKEW	90°	
DRAINAGE AREA	317.4 AC.	
DESIGN DISCHARGE(Q100)	705.8 CFS	
100 YR BACKWATER	0.00 FT AT EL 401.44	
100 YR VELOCITY	12.37 FPS	
INLET INVERT ELEVATION	392.69	
OUTLET INVERT ELEVATION	388.16	
OVERTOPPING ELEV.	422.01	
STANDARD DRAWING NUMBERS	STD-15-1 TO 6, 7 TO 10 12 TO 16, 19, 20, 25 TO 29, 41	
CLASS "A" CONCRETE	643	C.Y.
STEEL BAR REINFORCING	85130	LB.
FOUNDATION FILL MATERIAL	77	C.Y.
GRANULAR BACKFILL	2917	C.Y.
CLASS C RIP RAP	390	TONS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS
SCALE: 1"=10'

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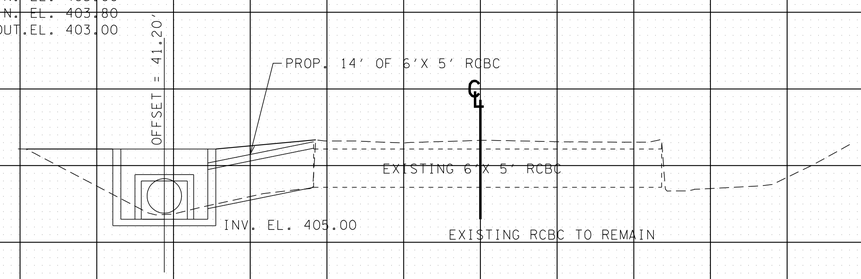
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	16C

REFER TO SR128 CULVERT
SECTION STA. 945+66.71

MALCOM ST.
STA. 30+95.00
OFFSET 38.50' LT
GT. EL. 412.17
IN. EL. 405.00
IN. EL. 403.80
OUT.EL. 403.00

335
#44

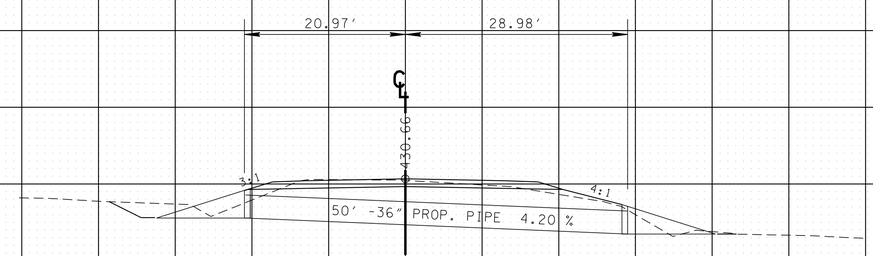


EXISTING LT 21.74'
INV. EL. 407.17

EXISTING RT 23.64'
INV. EL. 407.18

MALCOM ST.
STA. 31+08.58

STATION	31+08.58	
STRUCTURE	14' X 6' X 5' RCBC	
SKEW	74°-13'-29" RT	
DRAINAGE AREA		AC.
DESIGN DISCHARGE (Q50)		CFS
DESIGN DISCHARGE (Q100)		CFS
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.		
Q100 HEADWATER ELEV.		
VELOCITY (Q50)		FT/S
VELOCITY (Q100)		FT/S
INLET ELEVATION	407.18	
OUTLET ELEVATION	405.00	
STANDARD DRAWING NUMBERS	STD-15-1 TO 5, 8, 14 15,19,22, 25 TO 29,35	
CLASS "A" CONCRETE	8.96	C.Y.
STEEL BAR REINFORCING	2368	LB.
FOUNDATION FILL MATERIAL	3.36	C.Y.
GRANULAR BACKFILL	33.7	C.Y.



SCHOOL DR.
STA 39+03.78

STATION	39+03.78
STRUCTURE	50 FT OF 36" CMP
SKEW	67°22'39' RT
DRAINAGE AREA	7.71 AC.
DESIGN DISCHARGE(Q50)	41.0 CFS
DESIGN DISCHARGE(Q100)	51.3 CFS
OVERTOPPING ELEV.	430.66
ALLOWABLE HEADWATER ELEV.	429.45
Q50 HEADWATER ELEV.	428.88
Q100 HEADWATER ELEV.	429.67
VELOCITY (Q50)	4.7 FT/S
INLET ELEVATION	425.56
OUTLET ELEVATION	423.46
STANDARD DRAWING NUMBERS	D-PB-1
INLET DRAWING NUMBERS	D-PE-36A, D-PE-36B
OUTLET DRAWING NUMBERS	D-PE-36A, D-PE-36B

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS
SCALE: 1"=10'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	17

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 ROADWAY 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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	17A

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

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	PHASE I	PHASE II	PHASE III	QUANTITY
1)	203-01	ROAD & DRAINAGE EXC. (UNCLASSIFIED)	C.Y.	0	0	0	50
	209-05	SEDIMENT REMOVAL	C.Y.	0	0	0	1283
	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	23503	25355	24660	73518
	209-08.07	ROCK CHECK DAM PER	EACH	11	67	56	134
	209-08.08	ENHANCED ROCK CHECK DAM	EACH	43	21	26	90
	209-09.01	SANDBAGS	BAG	300	750	0	1050
	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	0	4	2	6
	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	3	0	0	3
2)	209-10.01	TEMPORARY DEWATERING STRUCTURE	C.Y.	0	0	0	500
3)	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	0	0	0	10000
	209-40.33	CATCHBASIN PROTECTION (TYPE D)	EACH	12	0	68	80
	209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	0	45	0	45
	209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	EACH	0	2	0	2
	209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	0	2	0	2
	209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	0	124	0	124
	209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	EACH	0	2	0	2
	209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	EACH	0	19	0	19
	209-40.50	CATCH BASIN FILTER ASSEMBLY(TYPE 10)	EACH	0	5	0	5
	209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	70	585	0	655
	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	71	27	26	124
1)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	0	0	0	200
	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	567	834	134	1535
4)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1178	1775	322	3619
	740-11.02	TEMP. SEDIMENT TUBE 12IN (DESCRIPTION)	L.F.	978	5310	5026	11314
	740-11.04	TEMP. SEDIMENT TUBE 20IN (DESCRIPTION)	L.F.	978	5310	5026	11314
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	0	0	0	480
6)	801-02	SEEDING (WITHOUT MULCH)	UNIT	0	0	0	5
5)	805-01.03	TURF REINFORCEMENT MAT (CLASS II)	S.Y.	0	0	0	110
2)	805-12.01	EROSION CONTROL BLANKET (TYPE I)	S.Y.	0	0	0	450

FOOTNOTES:

1) QUANTITY BASED ON FOUR CONSTRUCTION ENTRANCES/EXITS.
2) ITEM TO BE USED AS DIRECTED BY THE ENGINEER.
3) ITEM TO BE USED TO COVER EXPOSED SOILS DURING BOX CONSTRUCTION.
4) TOTAL INCLUDES 344 S.Y. FOR CONSTURCTION ENTRANCES/EXITS.
5) ITEM TO BE USED WITH SPECIAL DITCH AND CHANNEL RELOCATION DURING CONSTRUCTION.
6) ITEM FOR USE WITH TURF REINFORCEMENT MAT AND EROSION CONTROL BLANKET.

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
		ROCK CHECK DAM (V-DITCH)	EC-STR-6
		ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
		ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
		CULVERT PROTECTION (TYPE 1)	EC-STR-11
		CULVERT PROTECTION (TYPE 2)	EC-STR-11A
	D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
A	TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
		RIPRAP	EC-STR-27
B		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
	4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
	1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
	4	CATCH BASIN FILTER ASSEMBLY (TYPE 4)	EC-STR-44
	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
	8	CATCH BASIN FILTER ASSEMBLY (TYPE 8)	EC-STR-48
	10	CATCH BASIN FILTER ASSEMBLY (TYPE 10)	EC-STR-50

(A) TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
(B) TEMPORARY DIVERSION CHANNEL
STA. 880+58.32 BOTTOM = 8' WITH GEOTEXTILE (TYPE(III) & RIP-RAP (CLASS A-1)
STA. 945+66.71 BOTTOM = 6' WITH GEOTEXTILE (TYPE(III) & RIP-RAP (CLASS A-1)
STA. 954+43.00 BOTTOM = 12' WITH GEOTEXTILE (TYPE(III) & RIP-RAP (CLASS A-1)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
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QUANTITIES

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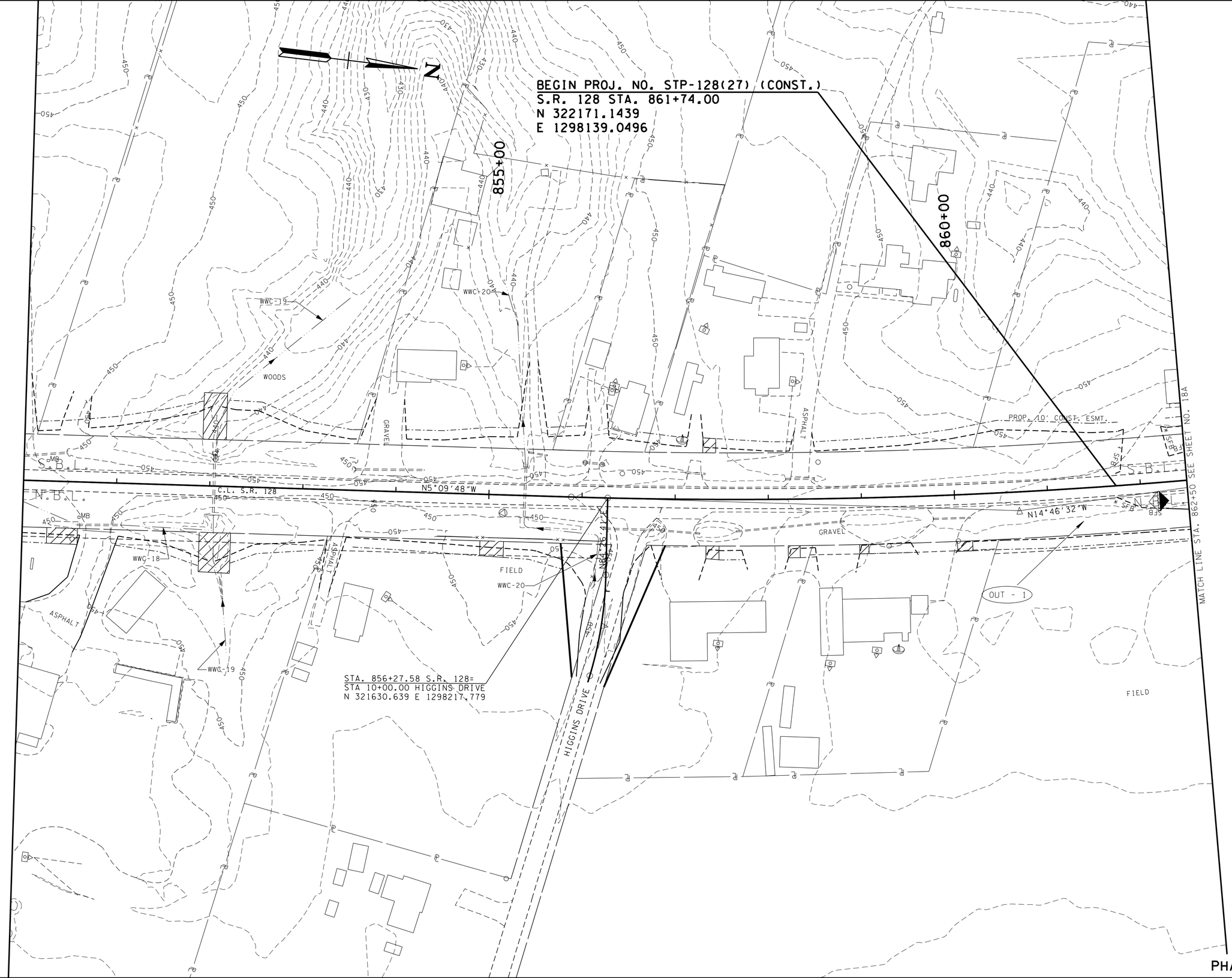

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COORDINATES ARE NAD/83(1993) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 850+00 TO STA. 862+50

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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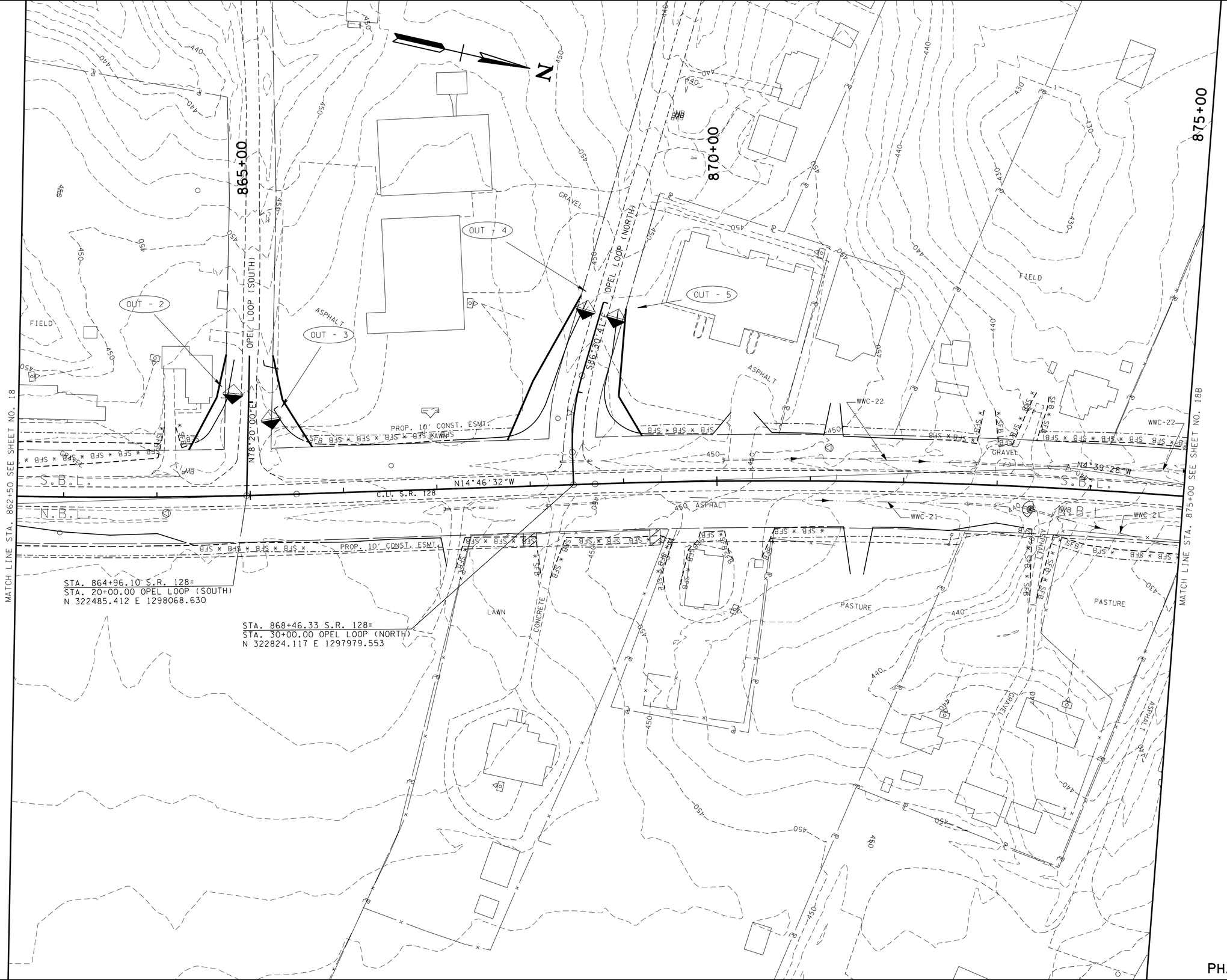

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 862+50 TO STA. 875+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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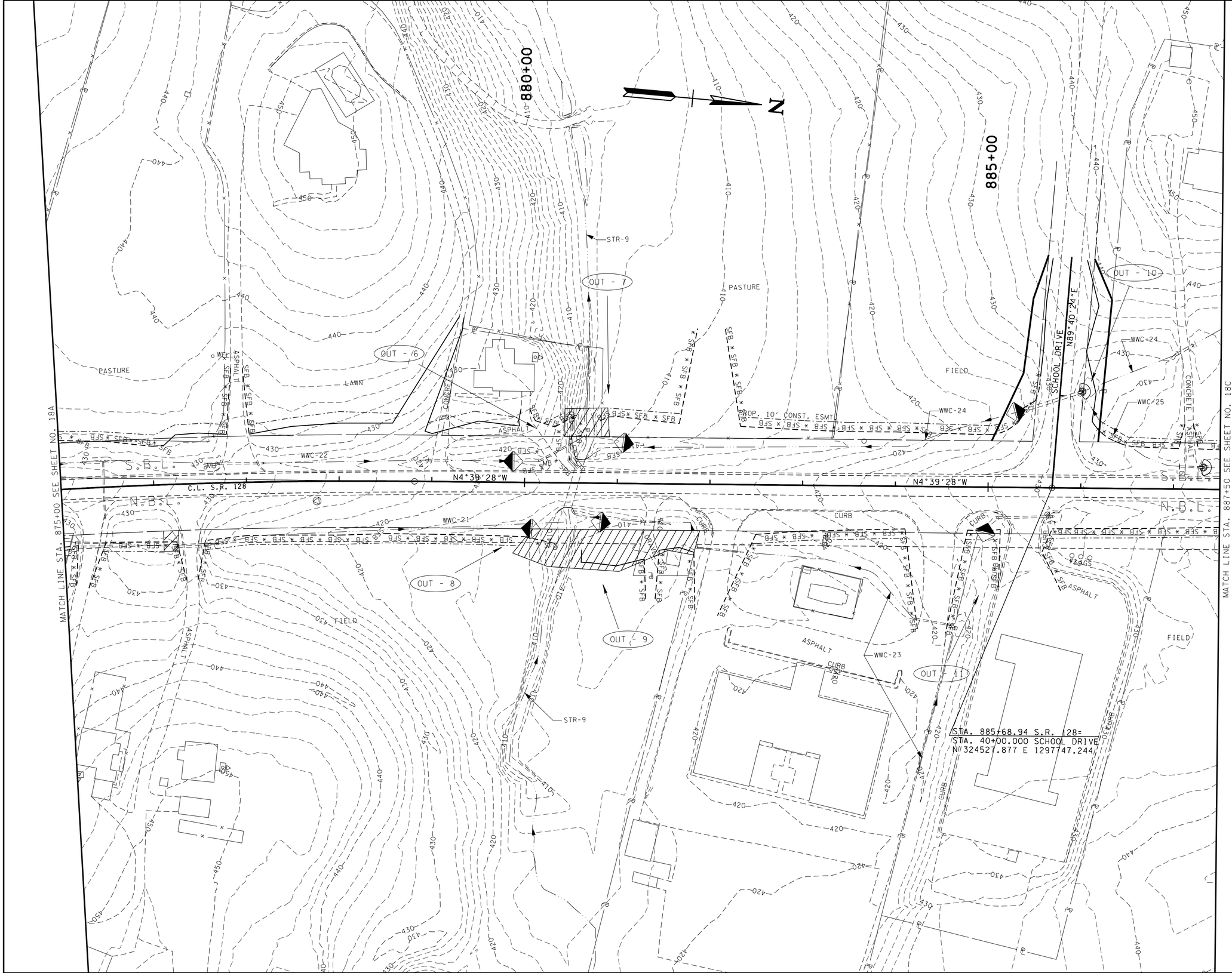

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 875+00 TO STA. 887+50

SCALE: 1"= 50'

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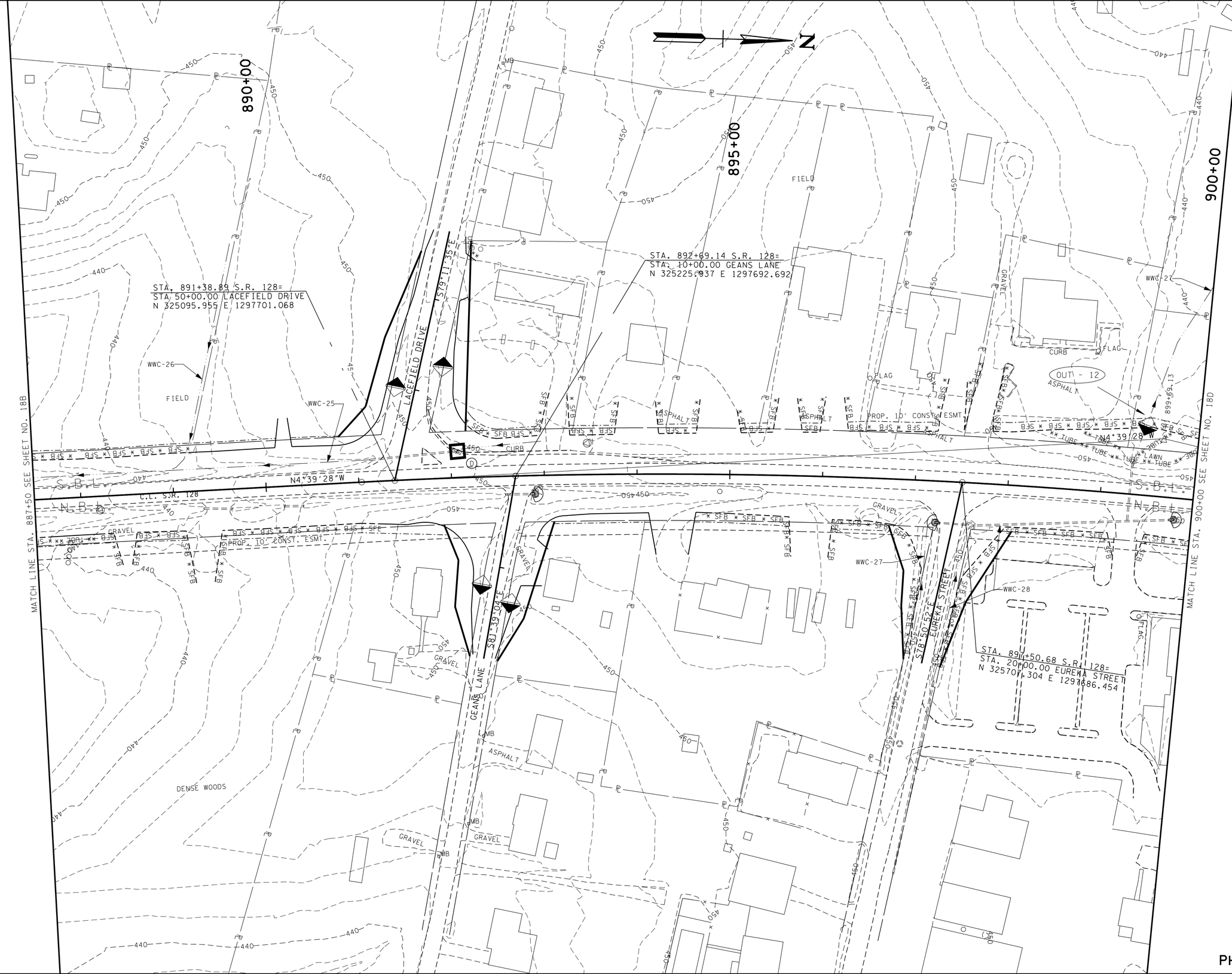

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 887+50 TO STA. 900+00

SCALE: 1"= 50'

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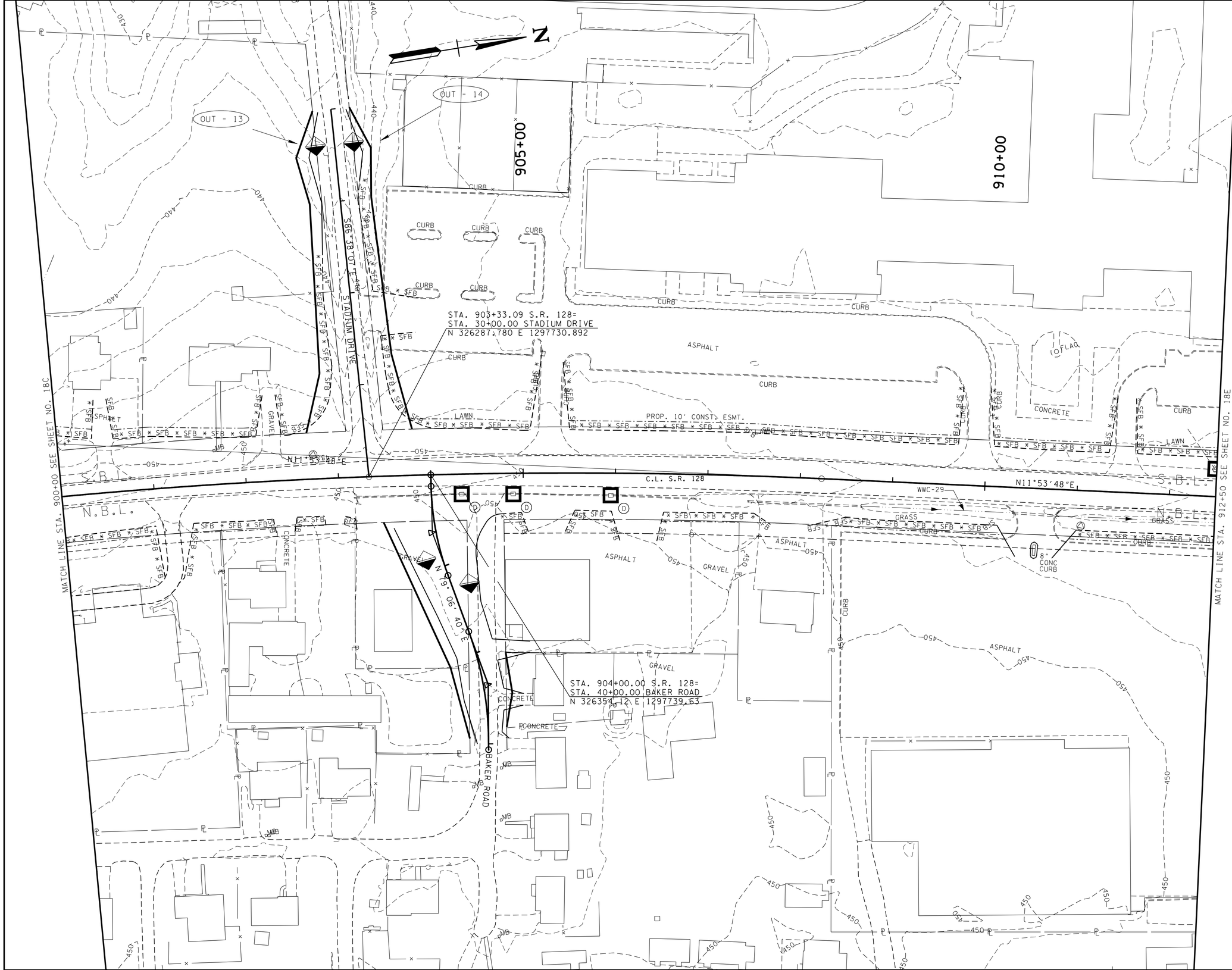

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 900+00 TO STA. 912+50

SCALE: 1"= 50'

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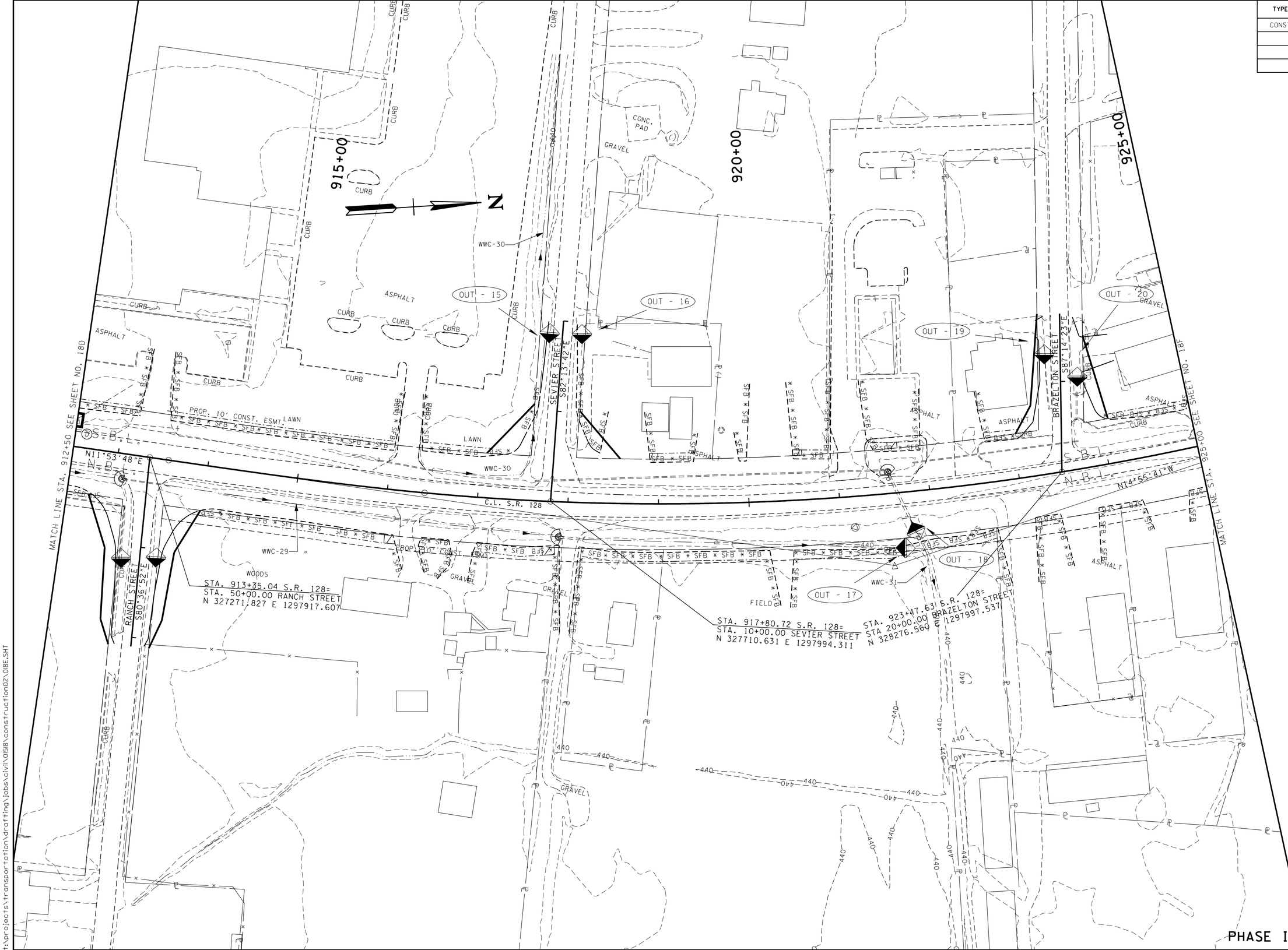

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 912+50 TO STA. 925+00

SCALE: 1"= 50'

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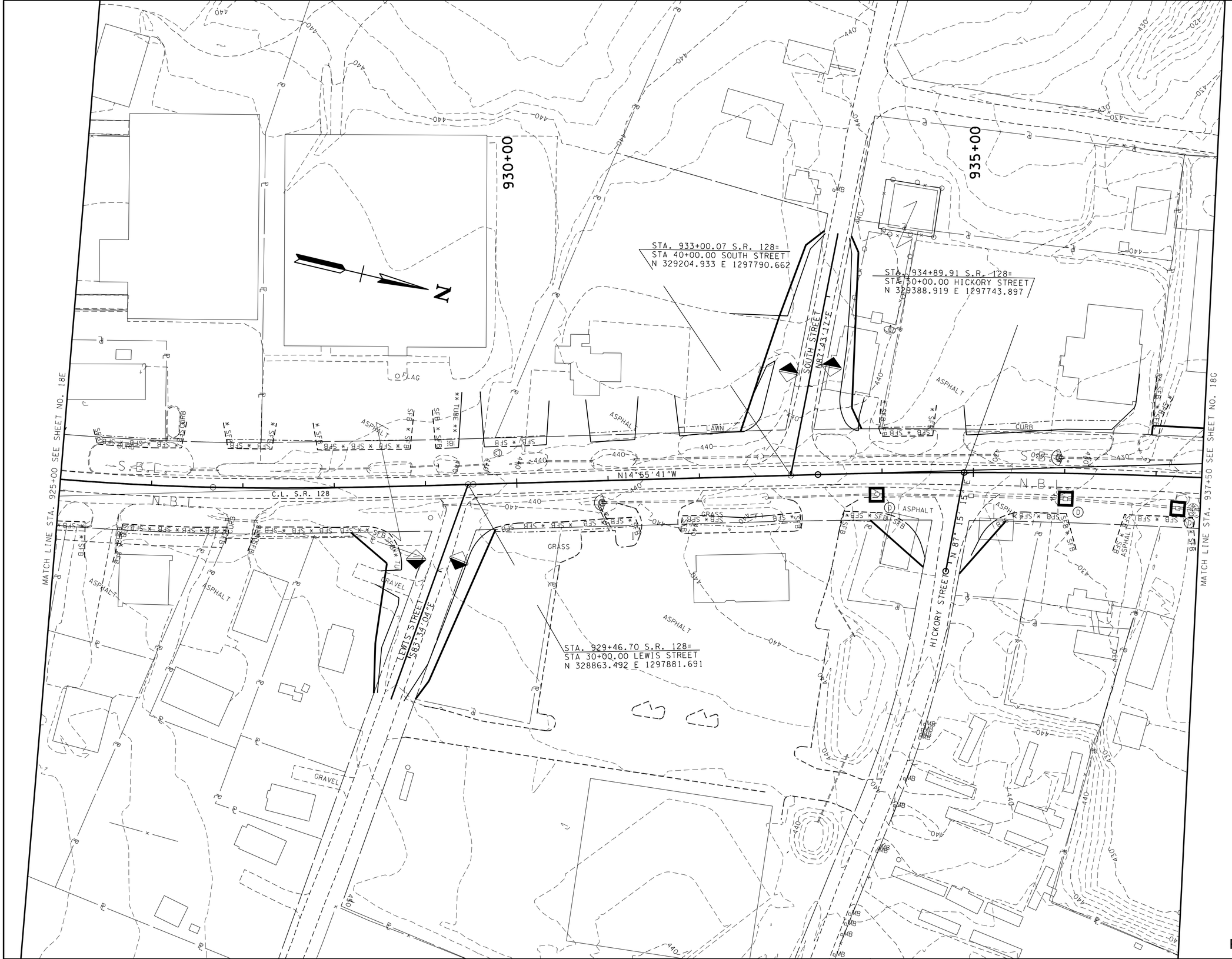

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 925+00 TO STA. 937+50

SCALE: 1"= 50'

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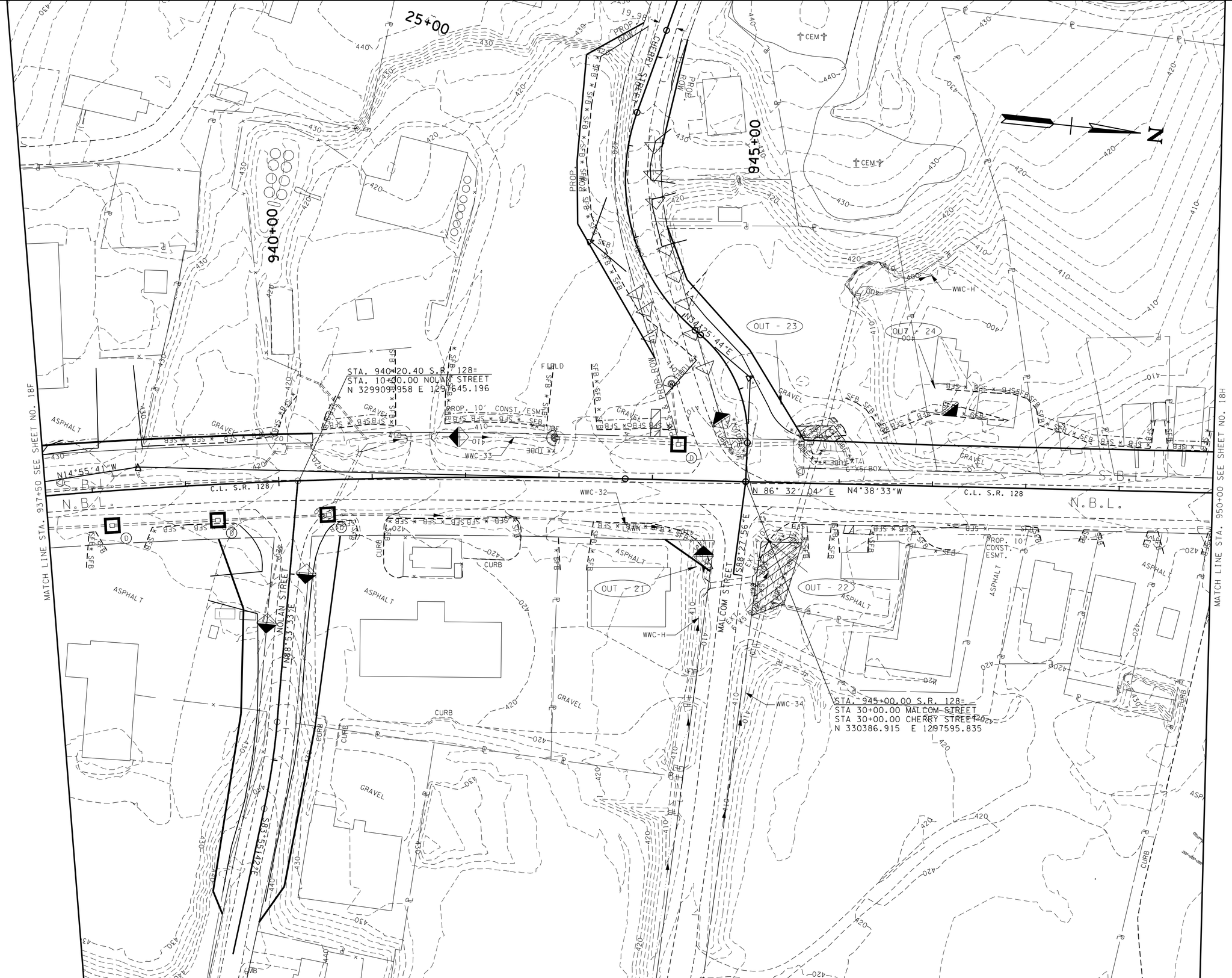

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 937+50 TO STA. 950+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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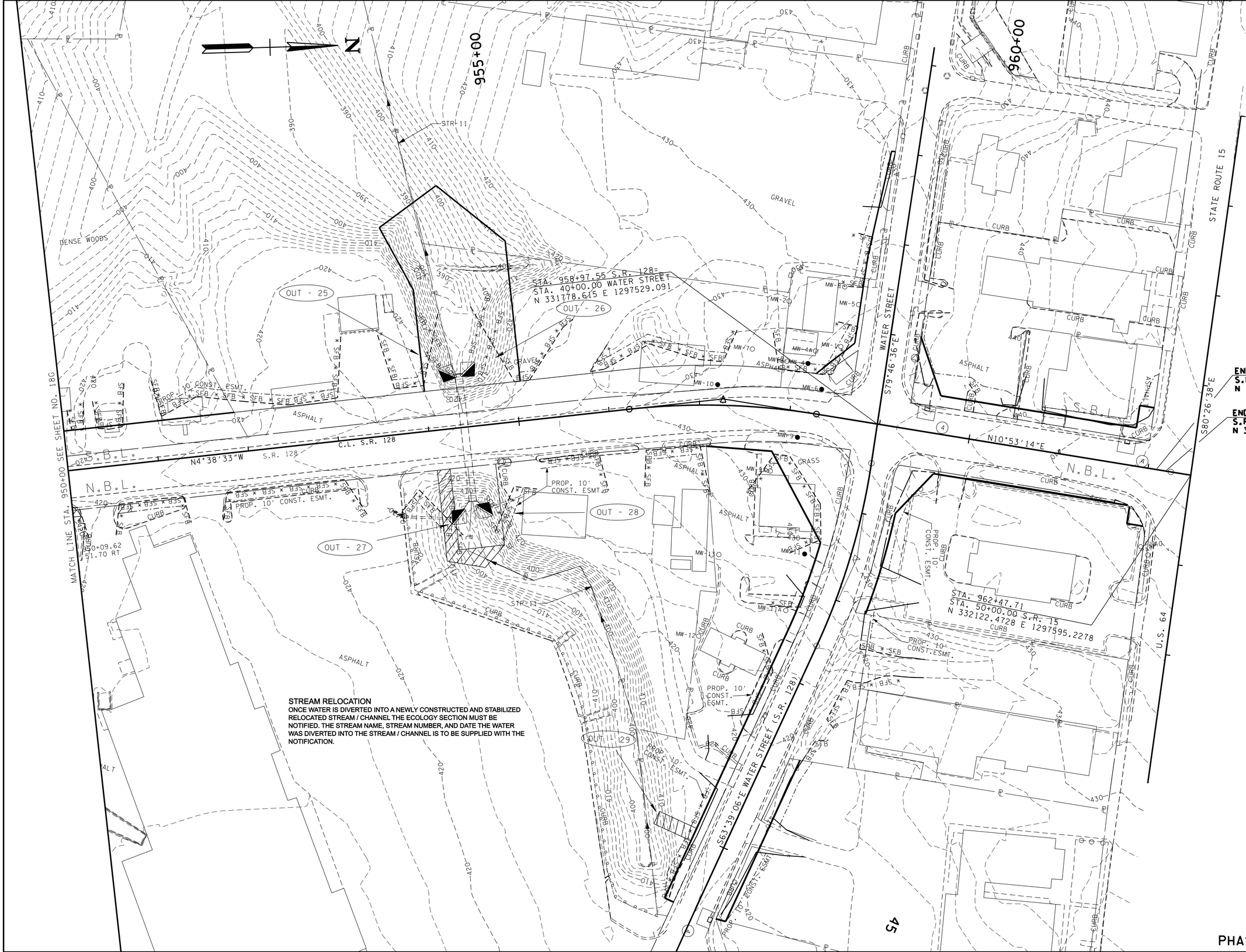

STREAM RELOCATION

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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 950+00 TO STA. 962+46

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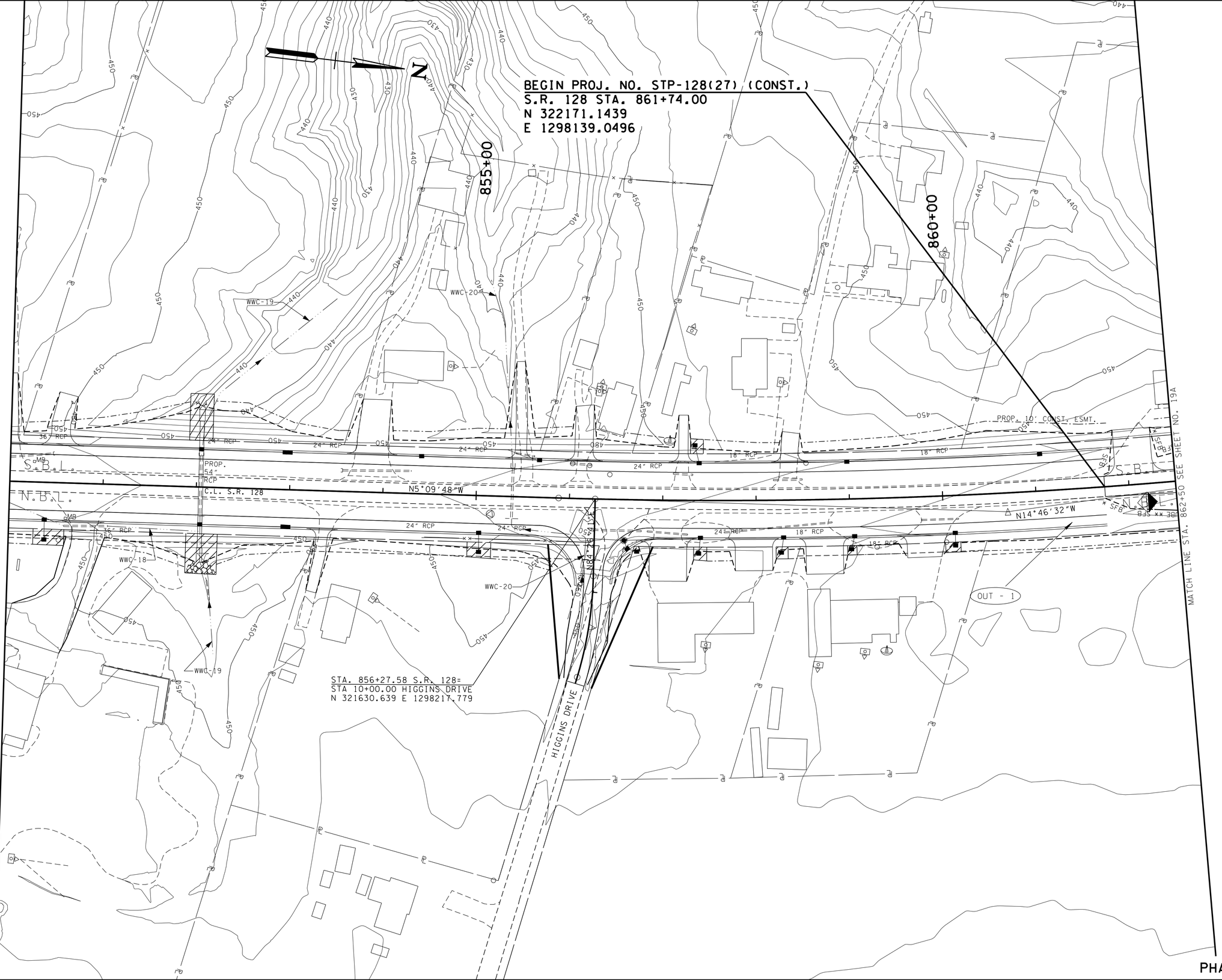

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NOT FOR BIDDING

COORDINATES ARE NAD/83/93/. ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 850+00 TO STA. 862+50

SCALE: 1"= 50'

2/17/2015 10:51:19 AM
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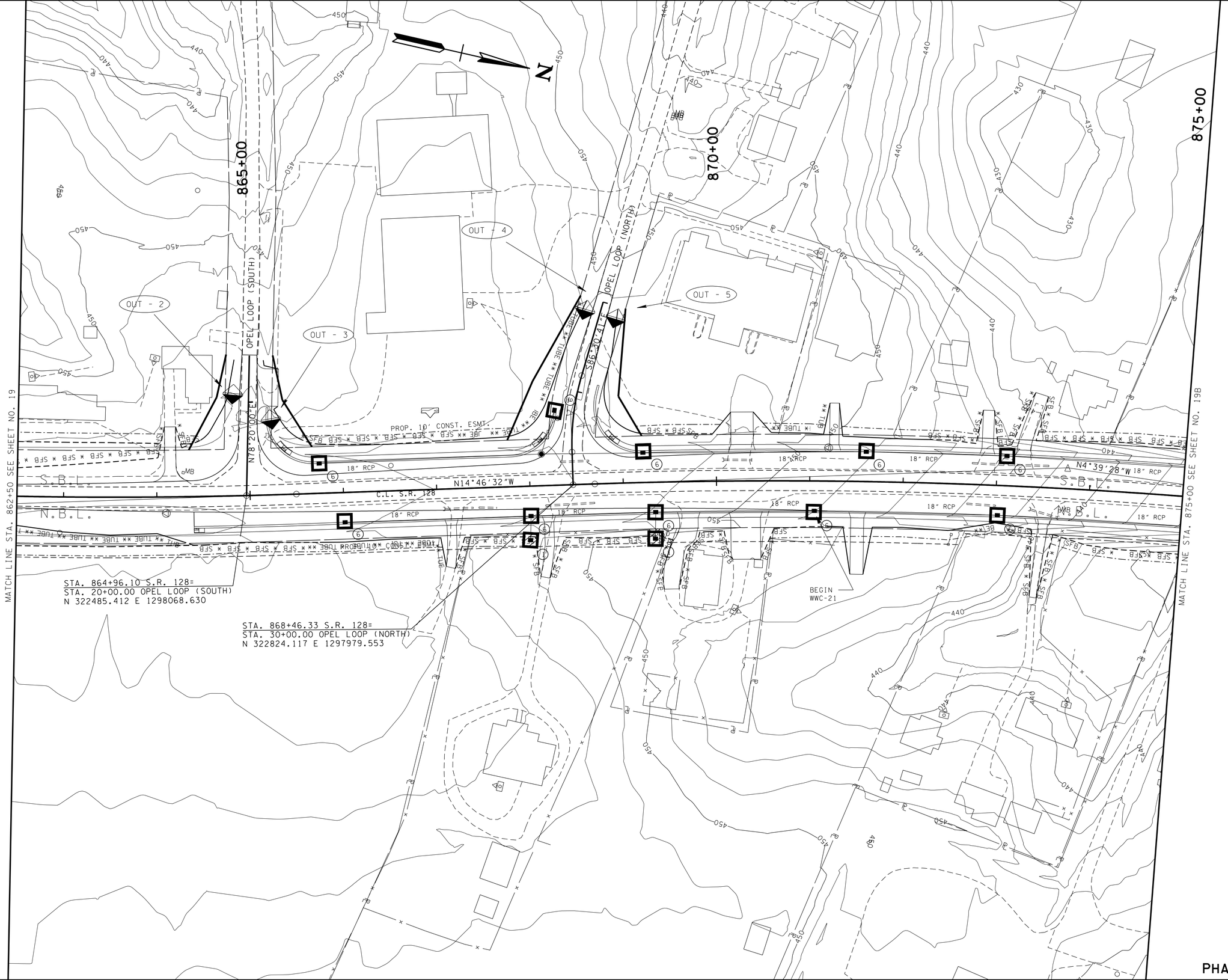
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 862+50 TO STA. 875+00

SCALE: 1"= 50'

PHASE II

2/17/2015 10:51:21 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19B

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 875+00 TO STA. 887+50

SCALE: 1"= 50'

PHASE II

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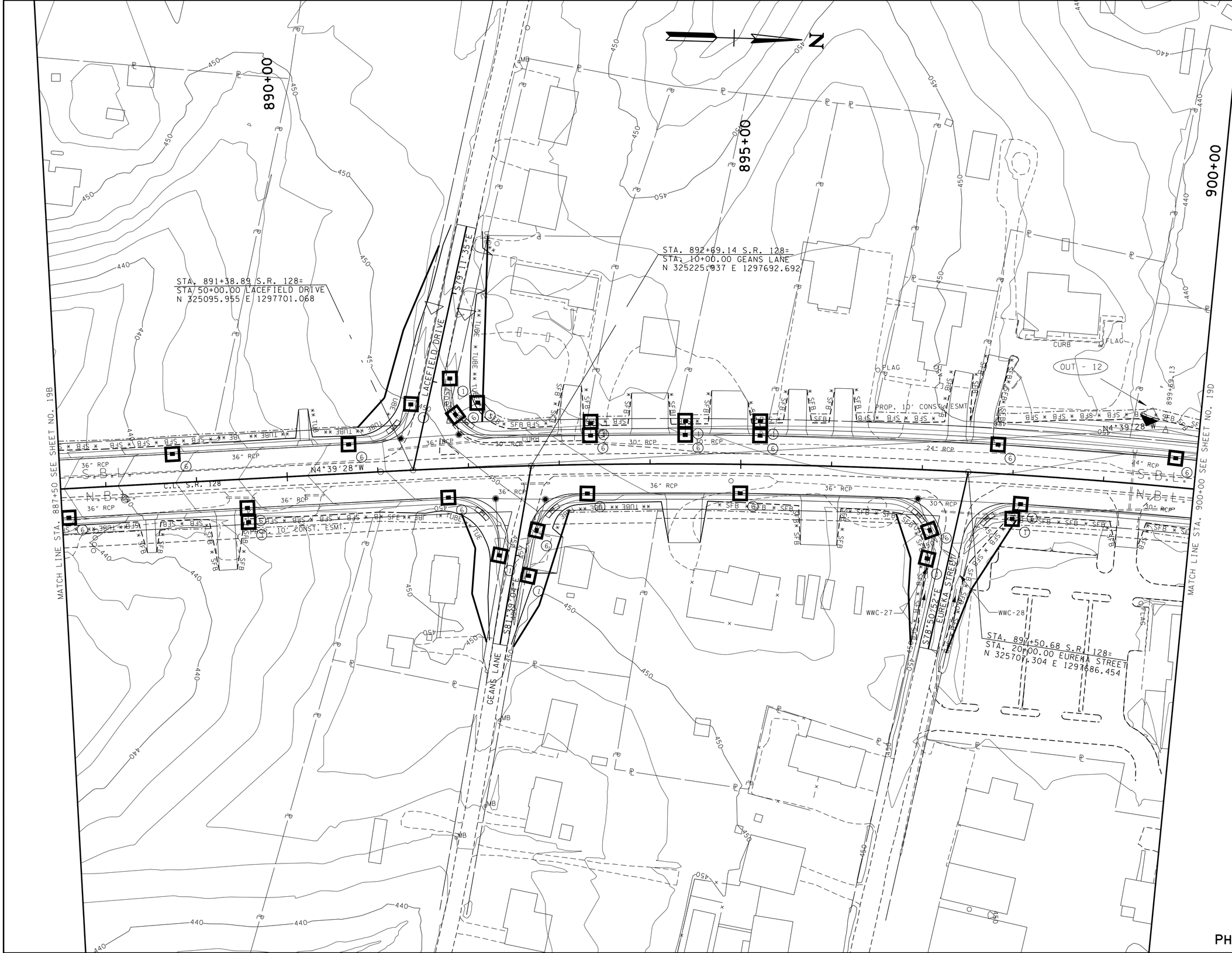
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19C



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83HPGN, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 887+50 TO STA. 900+00

SCALE: 1"= 50'

PHASE II

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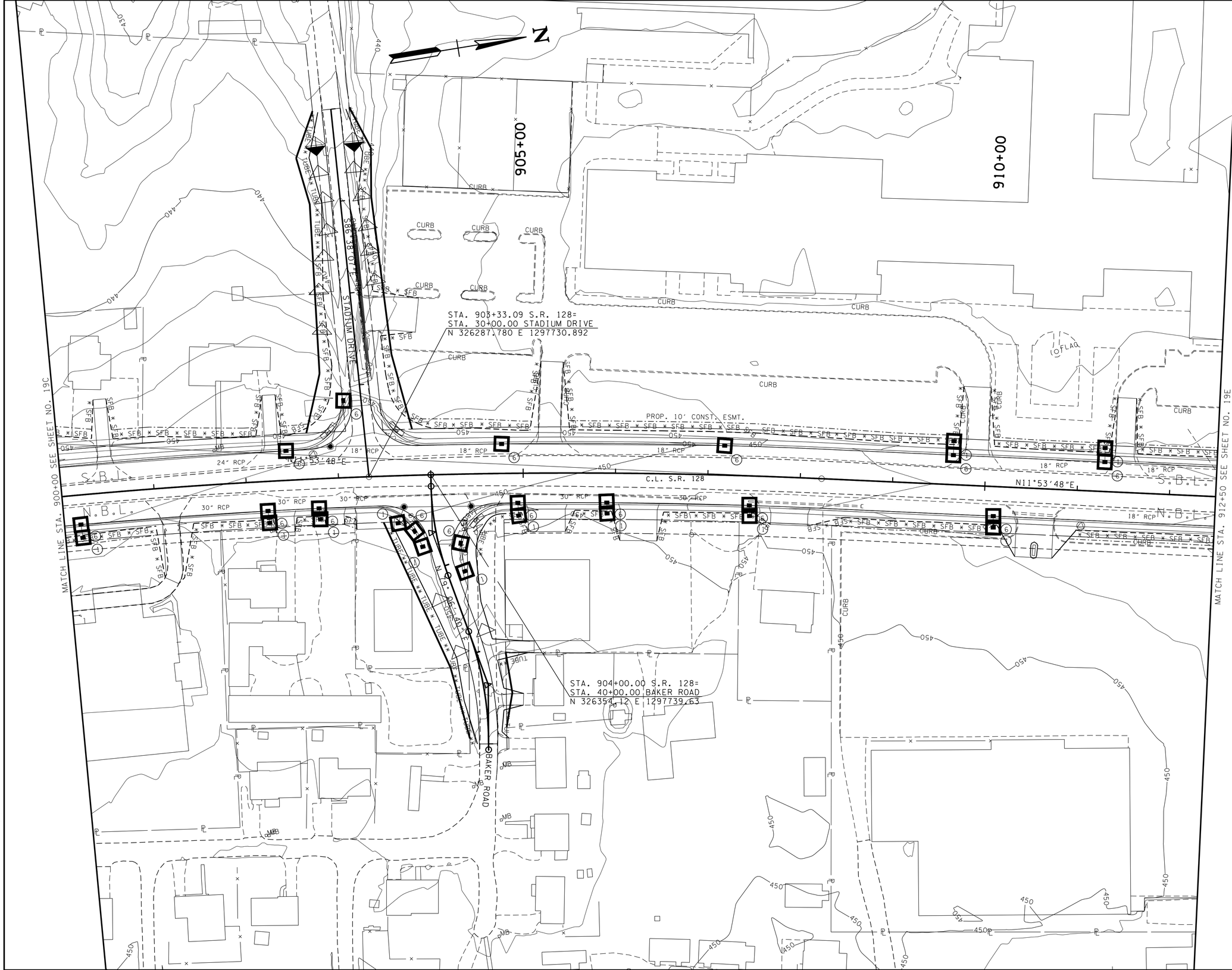
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19D



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 900+00 TO STA. 912+50

SCALE: 1"= 50'

PHASE II

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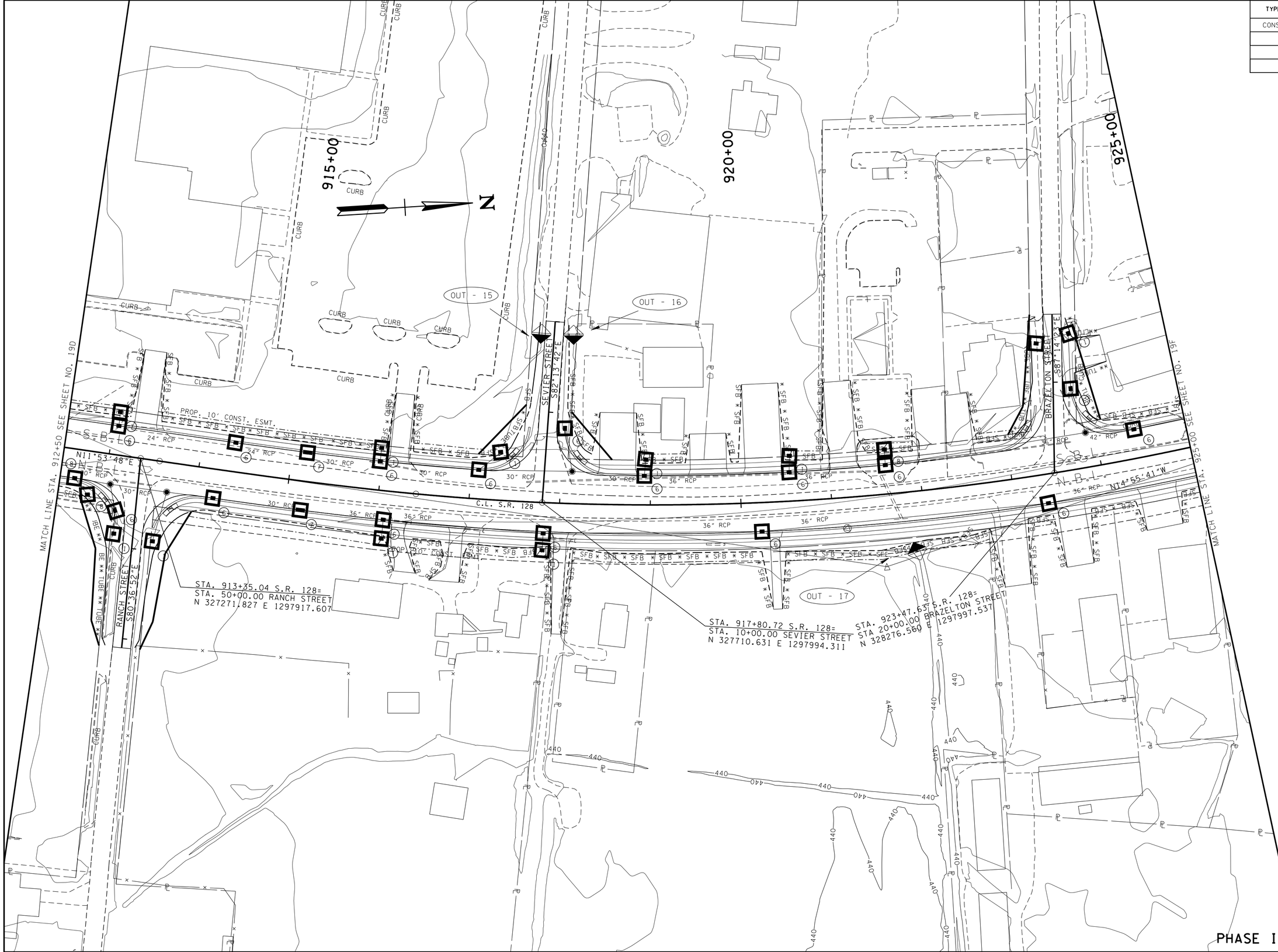
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19E



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 912+50 TO STA. 925+00

SCALE: 1"= 50'

2/17/2015 10:51:32 AM
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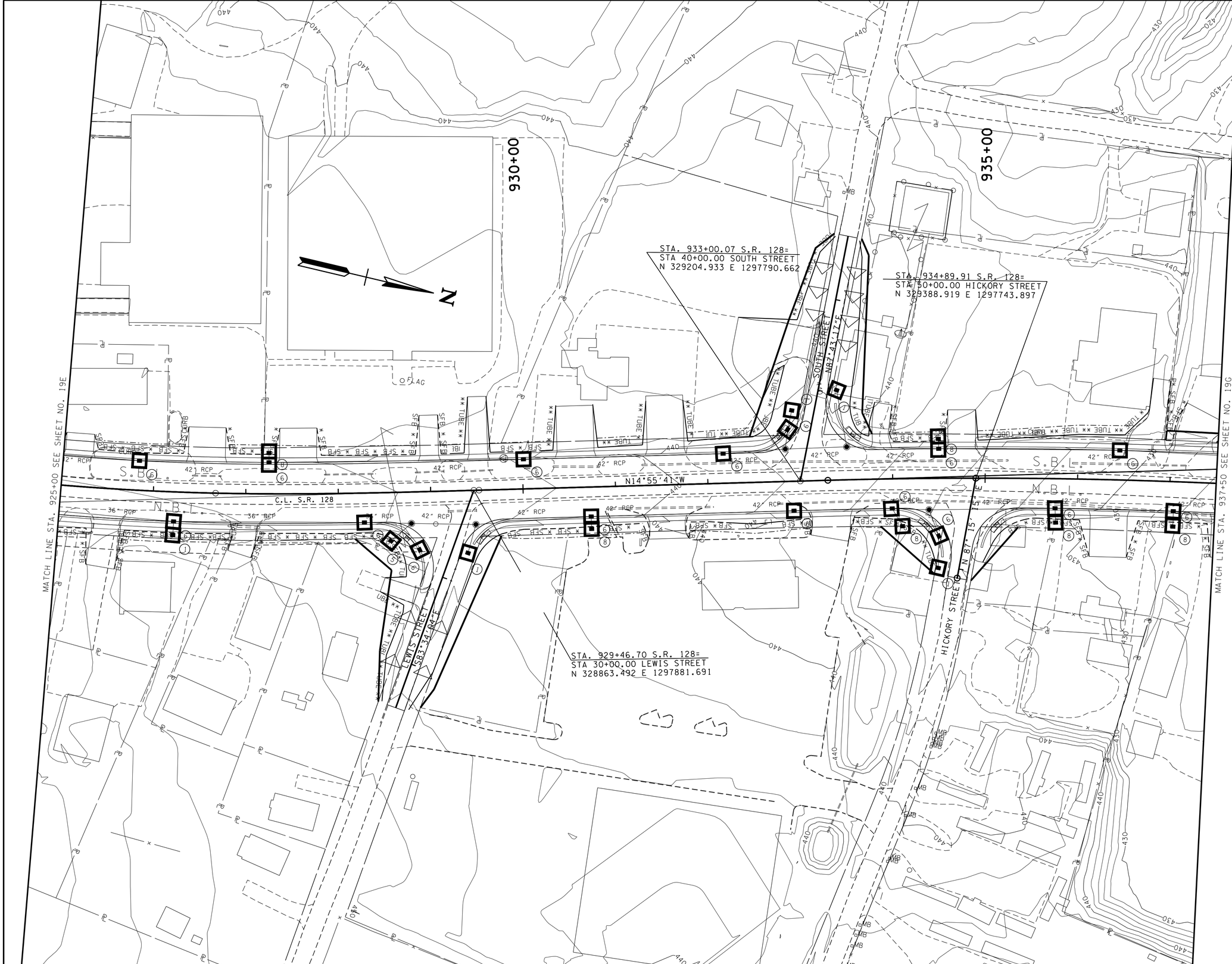
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19F



PHASE II

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 925+00 TO STA. 937+50

SCALE: 1"= 50'

2/17/2015 10:51:34 AM
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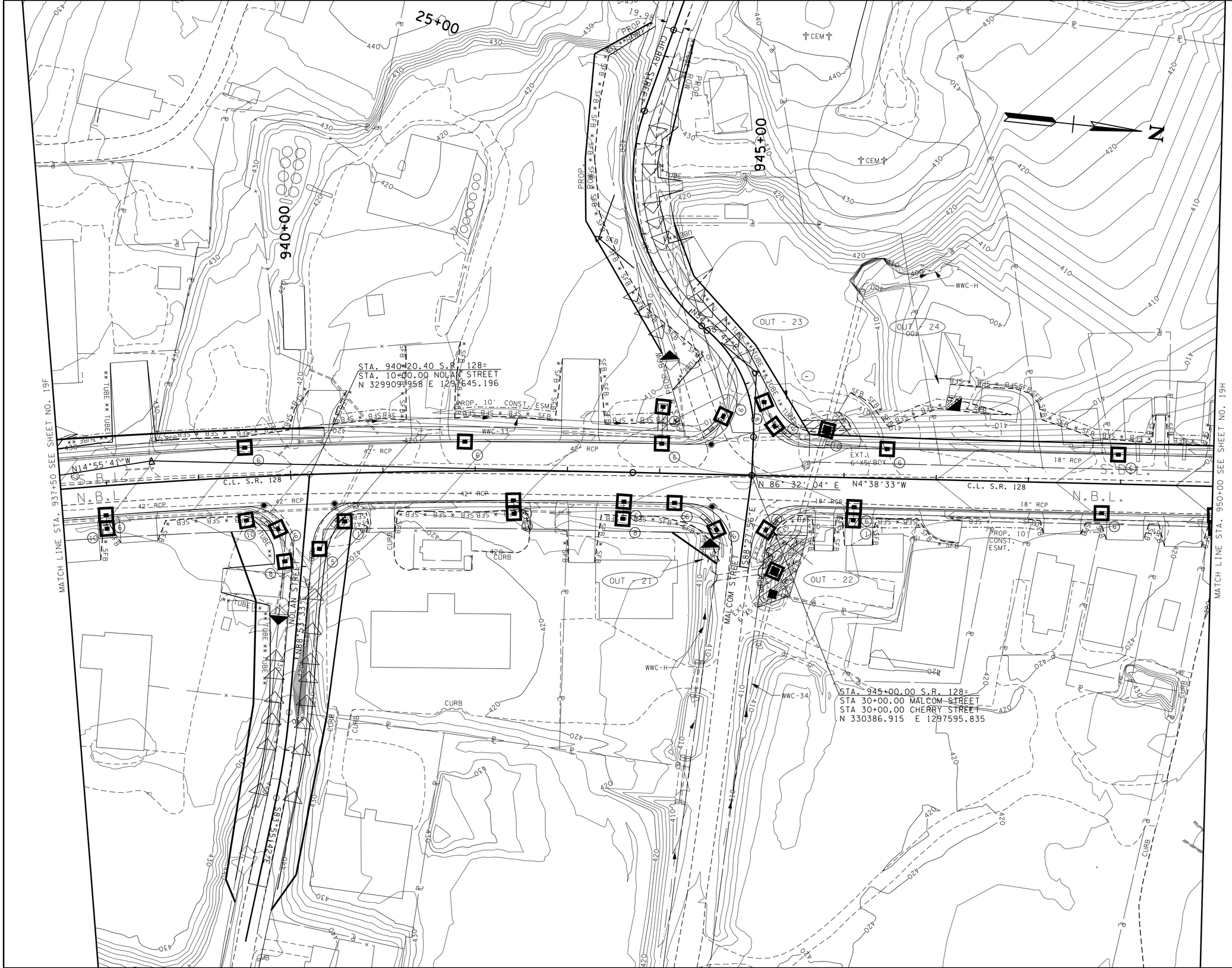
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19G



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 937+50 TO STA. 950+00

SCALE: 1"= 50'

PHASE II

2/17/2015 10:51:36 AM
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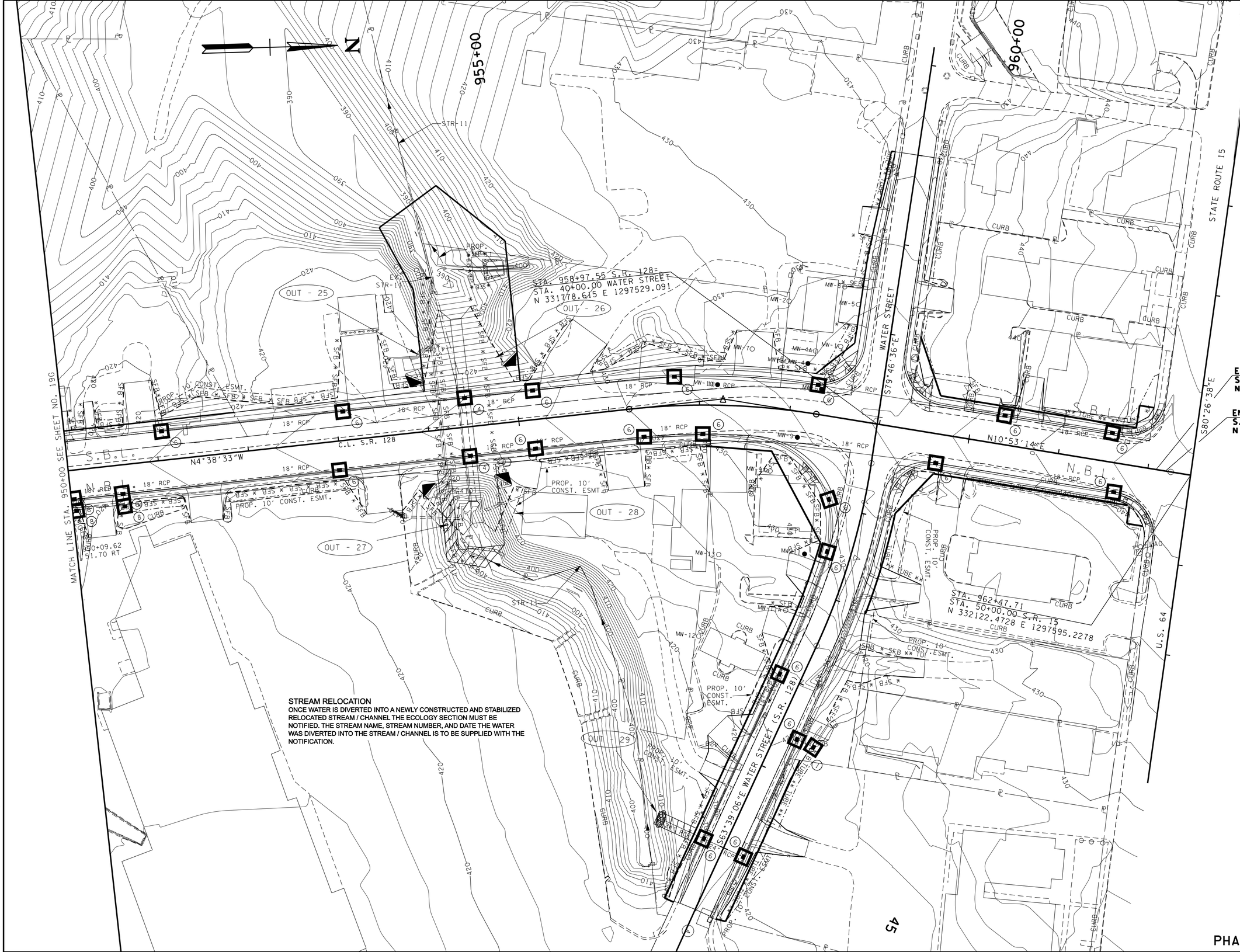
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	19H



STREAM RELOCATION
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.

END PROJ NO.STP-128(11) (R.O.W.)
S.R. 128 STA. 962+09.19
N 332084.6404 E 1297587.9512

END PROJ NO.STP-128(27) (CONST.)
S.R. 128 STA. 962+19.57
N 332094.8382 E 1297589.9126

UNOFFICIAL SET
NOT FOR BIDDING

COORDINATES ARE NAD/83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 950+00 TO STA. 962+46

SCALE: 1"= '

PHASE II

2/17/2015 10:51:39 AM
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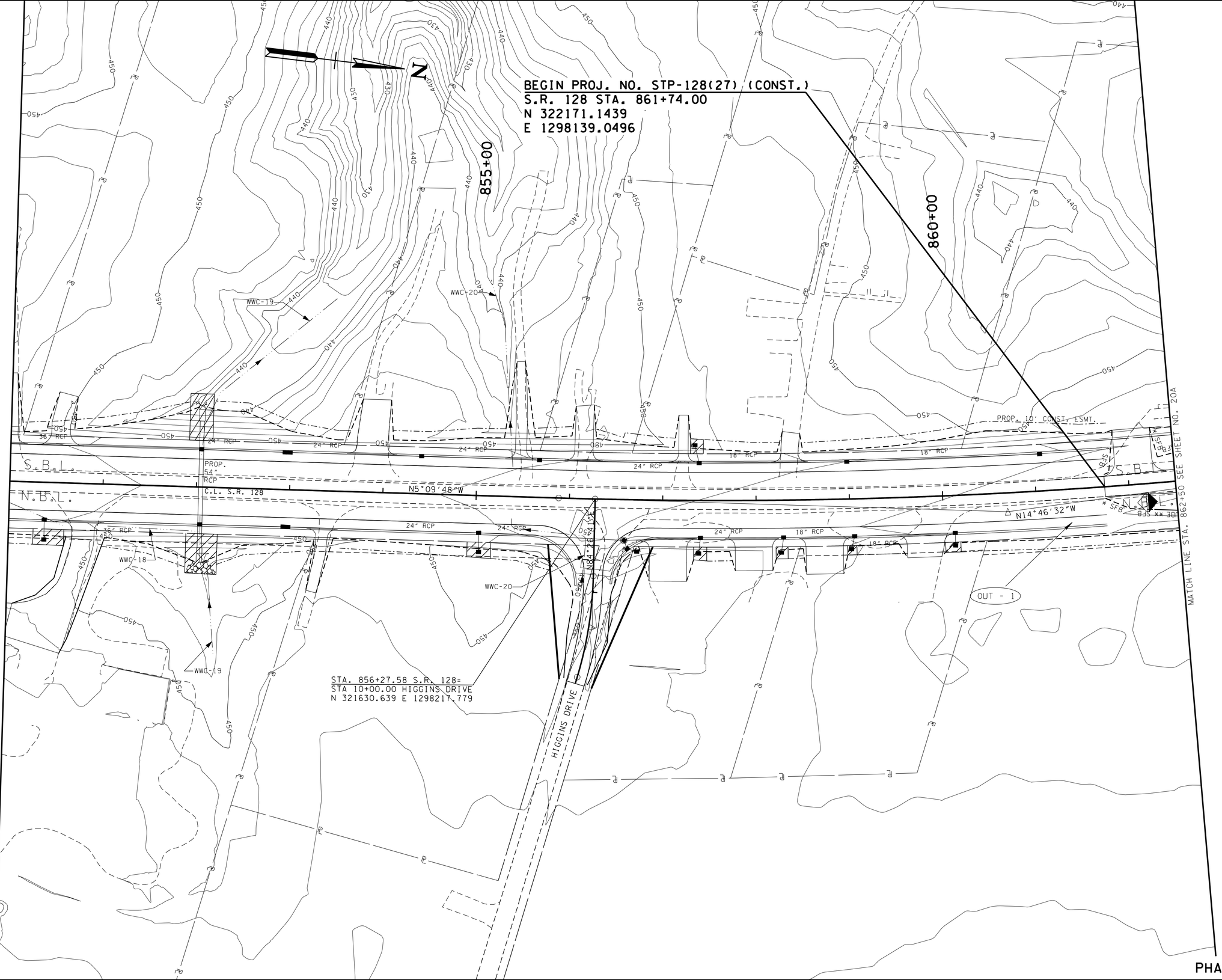
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20



PHASE III

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 850+00 TO STA. 862+50

SCALE: 1"= 50'

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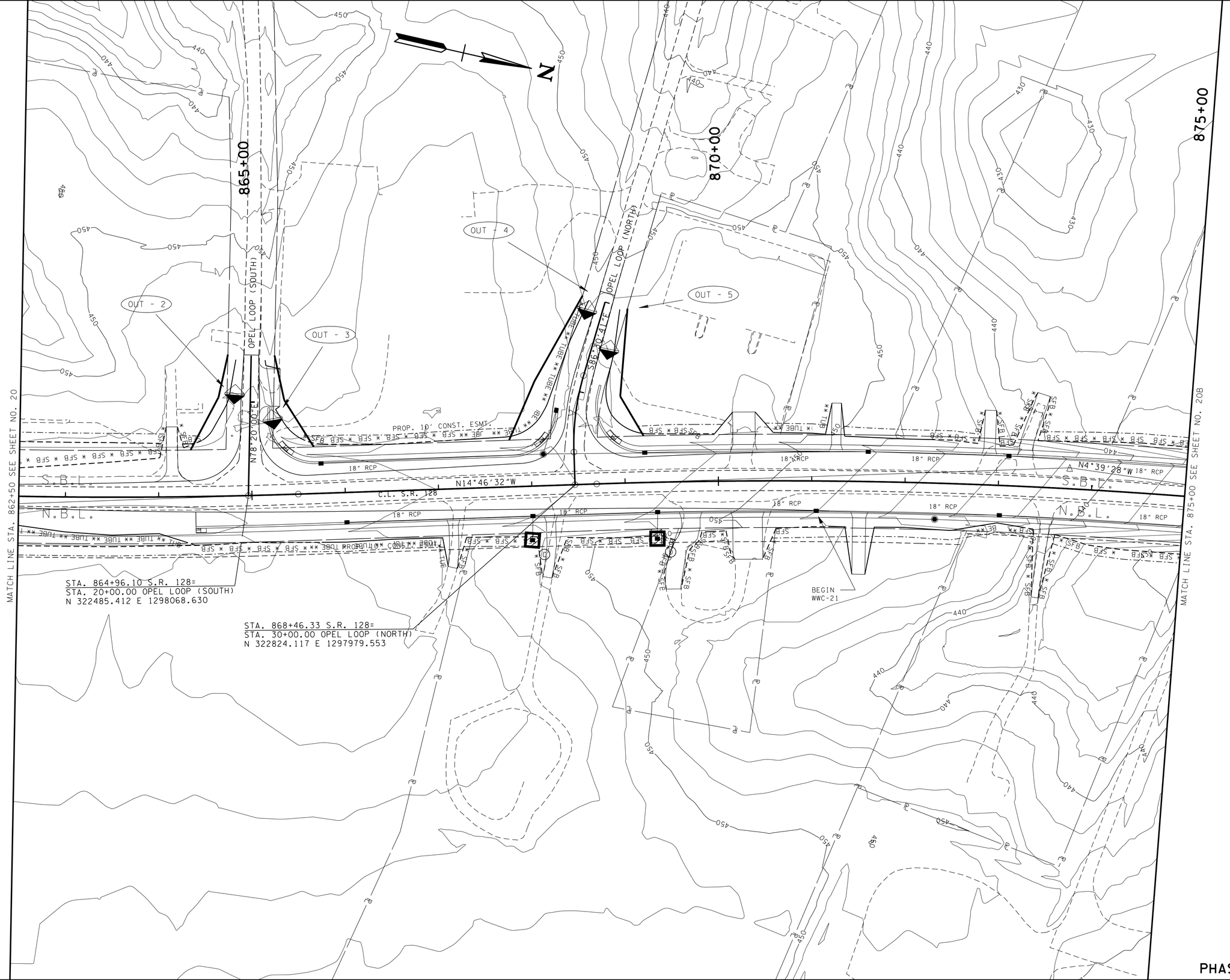
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20A



PHASE III

UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 862+50 TO STA. 875+00

SCALE: 1"= 50'

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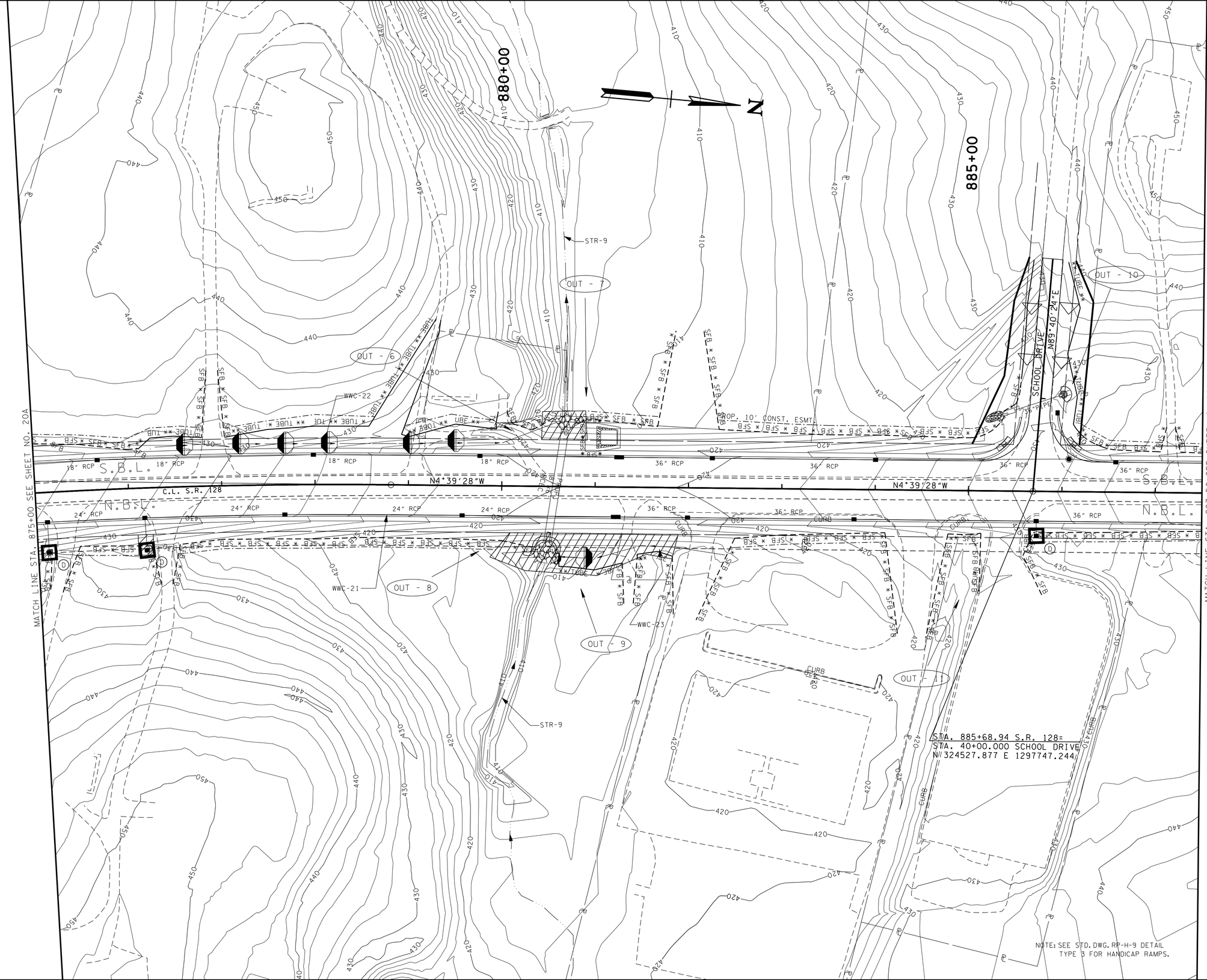
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20B



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

PHASE III

STA. 875+00 TO STA. 887+50

SCALE: 1"= 50'

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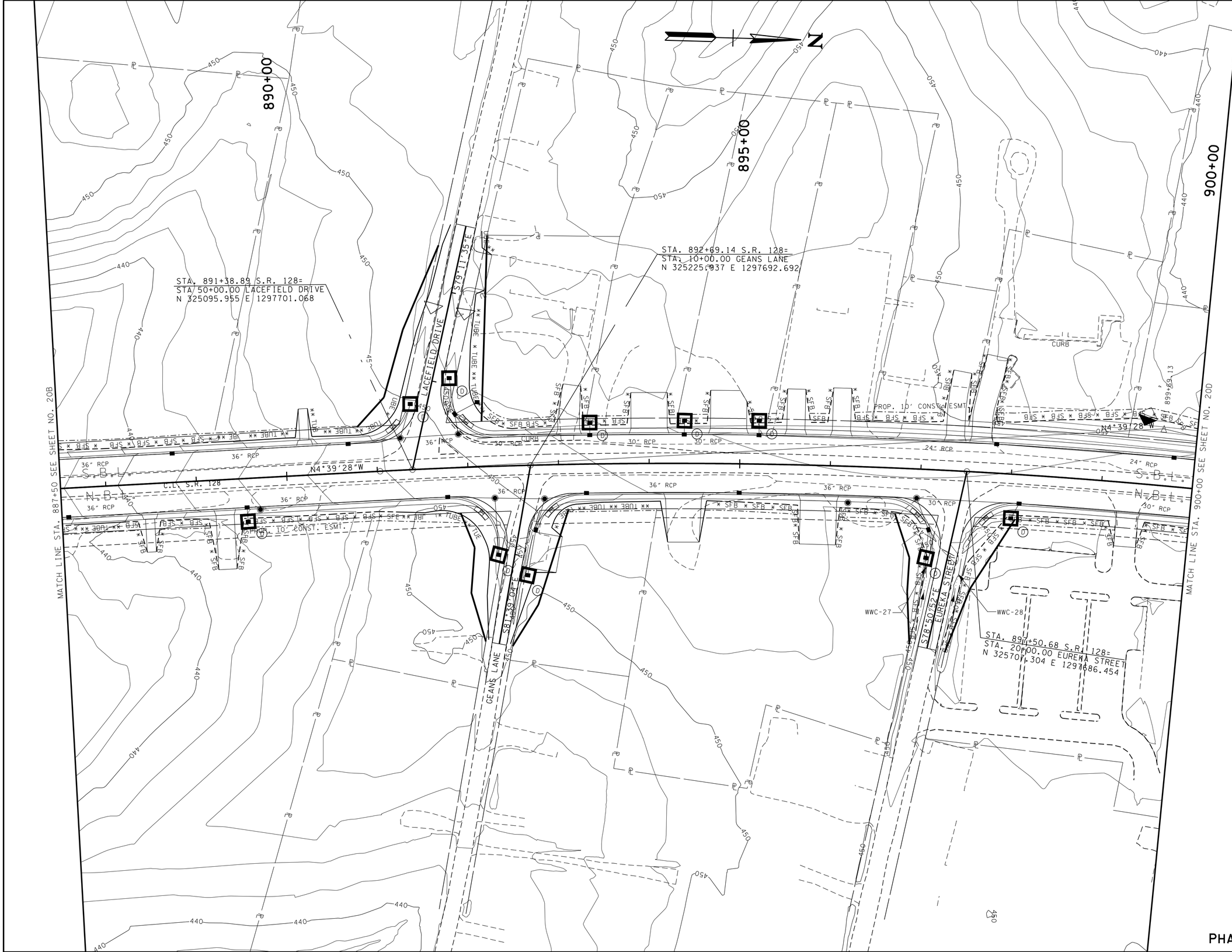
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20C



PHASE III

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 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. 887+50 TO STA. 900+00

SCALE: 1"= 50'

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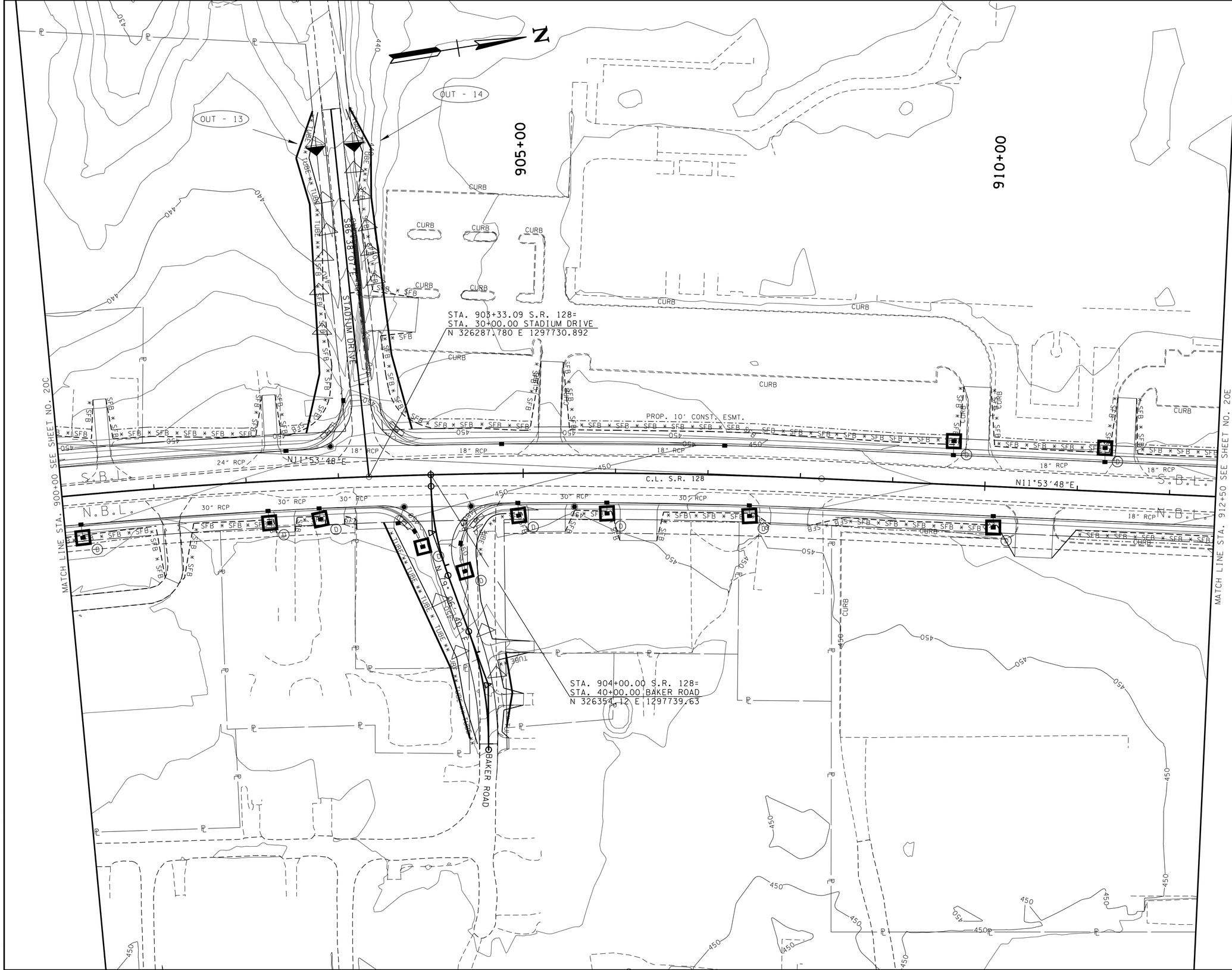
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20D



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

PHASE III

STA. 900+00 TO STA. 912+50

SCALE: 1"= 50'

2/17/2015 10:51:50 AM
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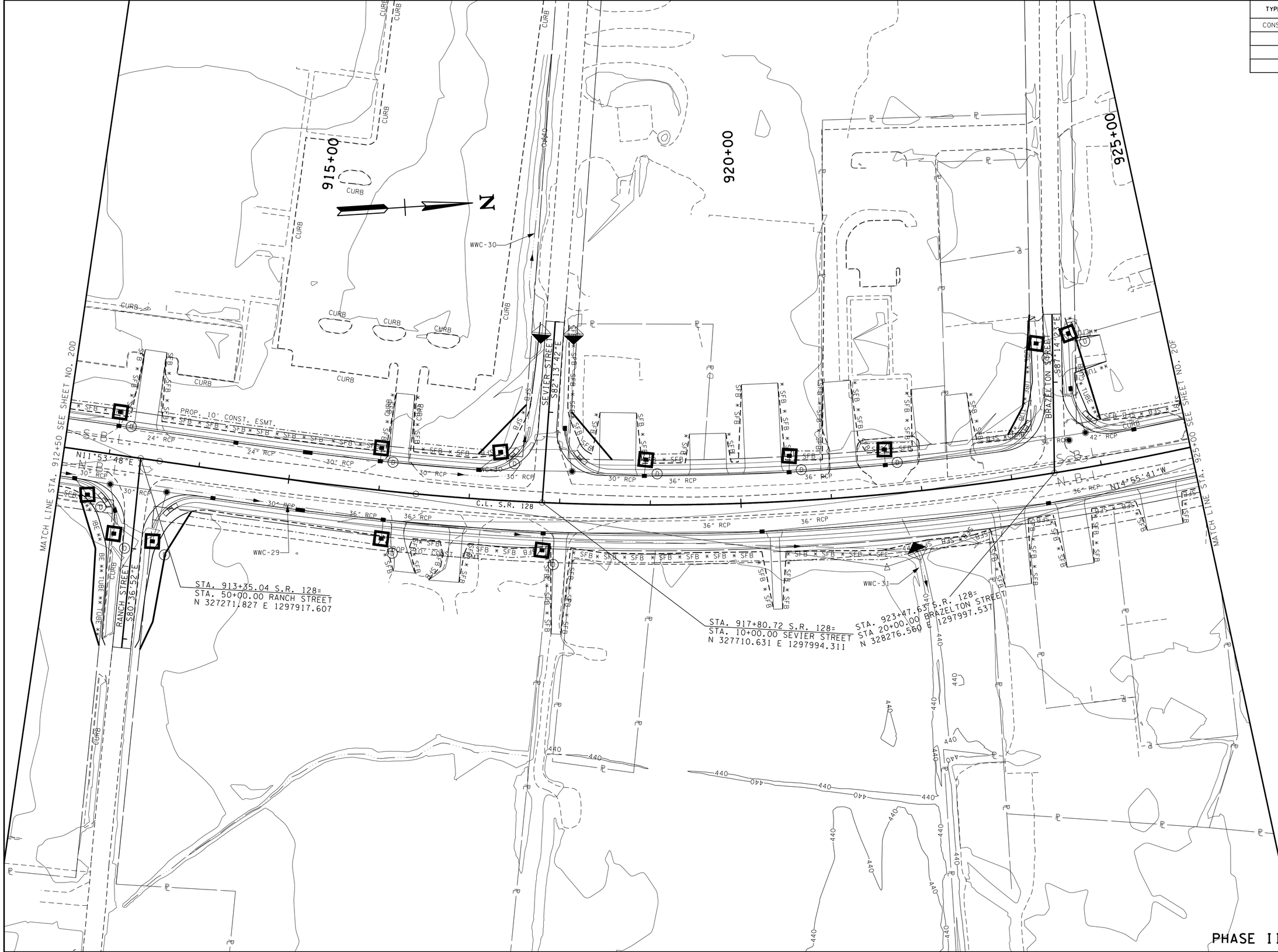
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20E



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 912+50 TO STA. 925+00

SCALE: 1"= 50'

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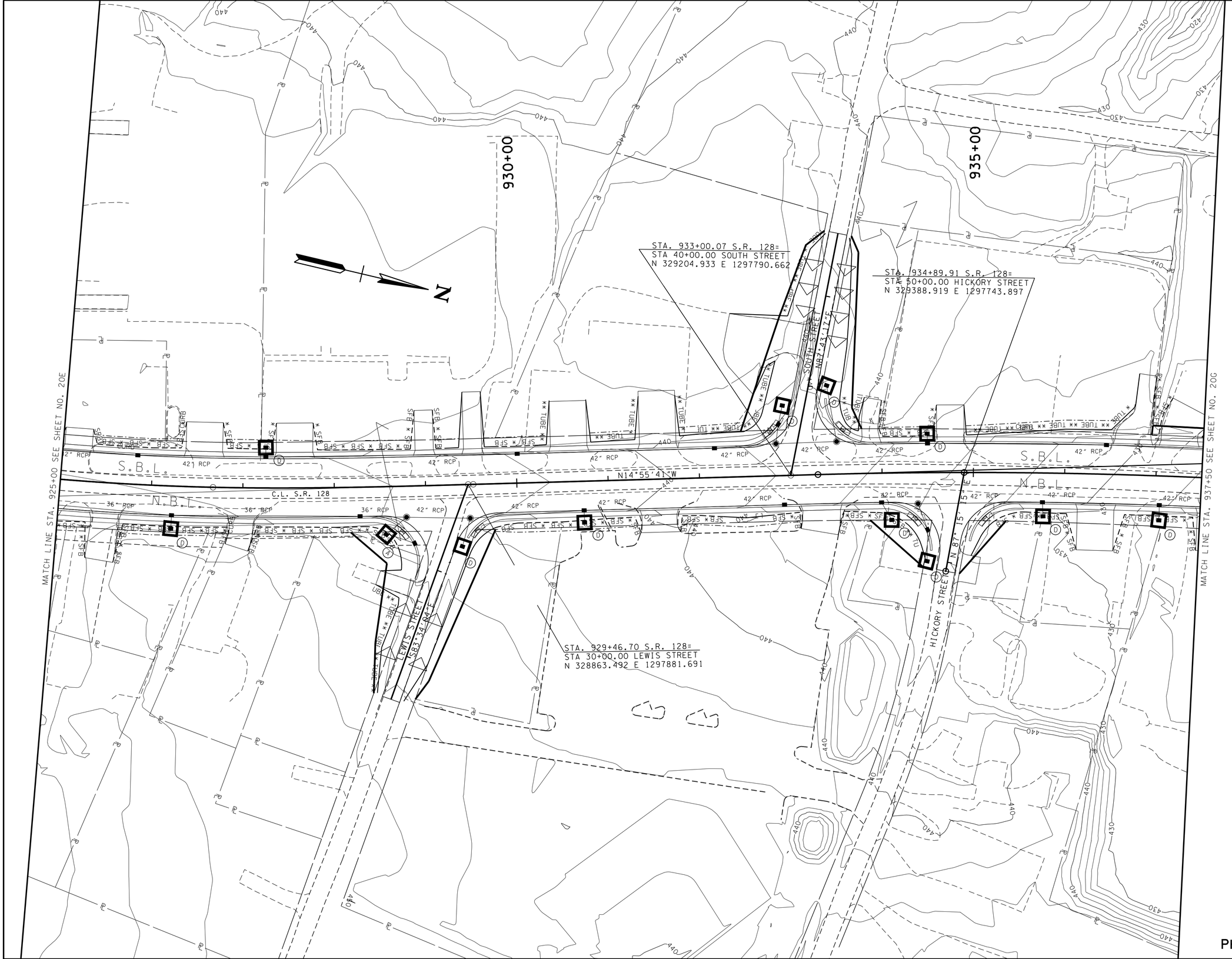
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20F



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

PHASE III

STA. 925+00 TO STA. 937+50

SCALE: 1"= 50'

2/17/2015 10:51:54 AM
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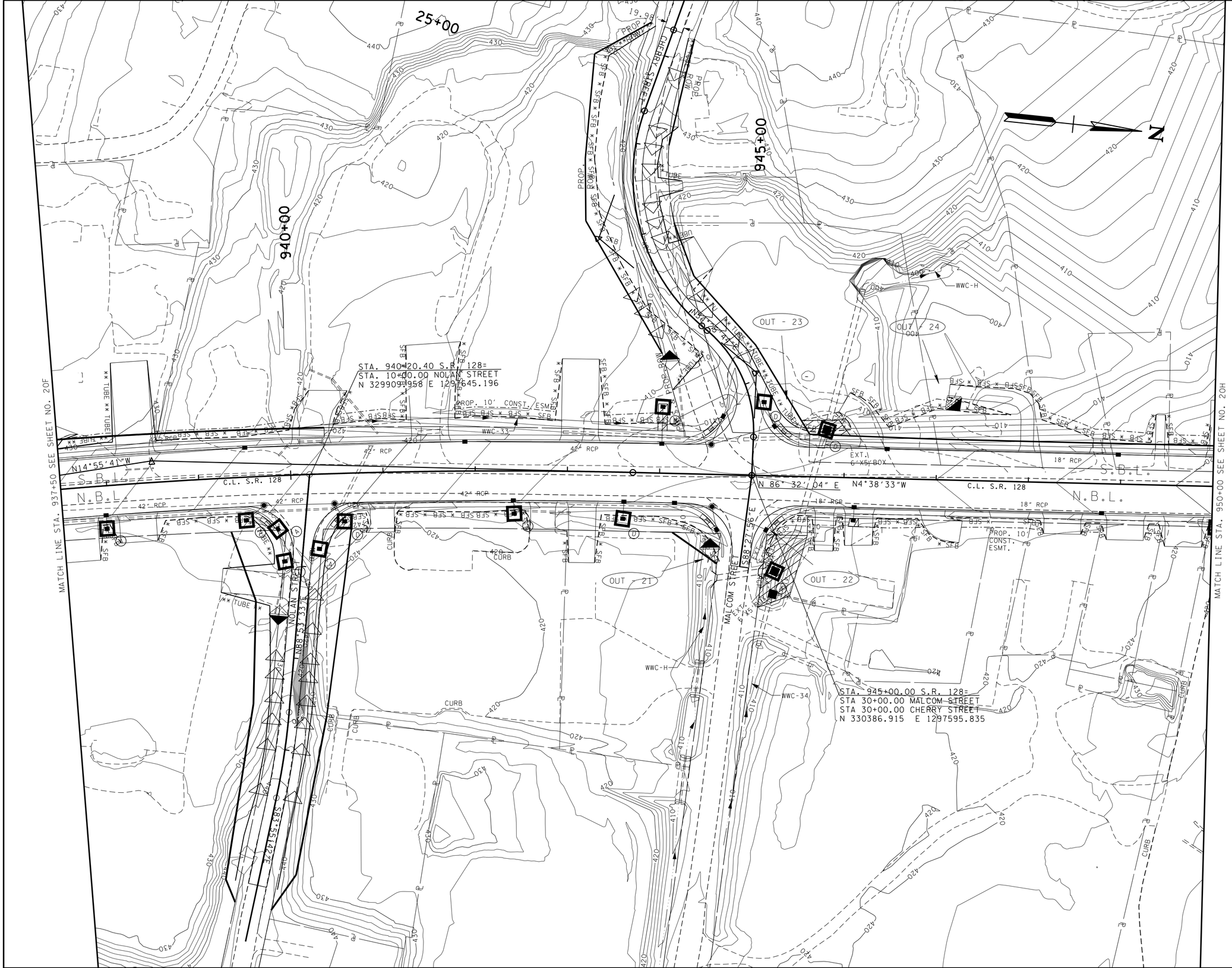
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20G



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 937+50 TO STA. 950+00

SCALE: 1"= 50'

2/17/2015 10:51:56 AM
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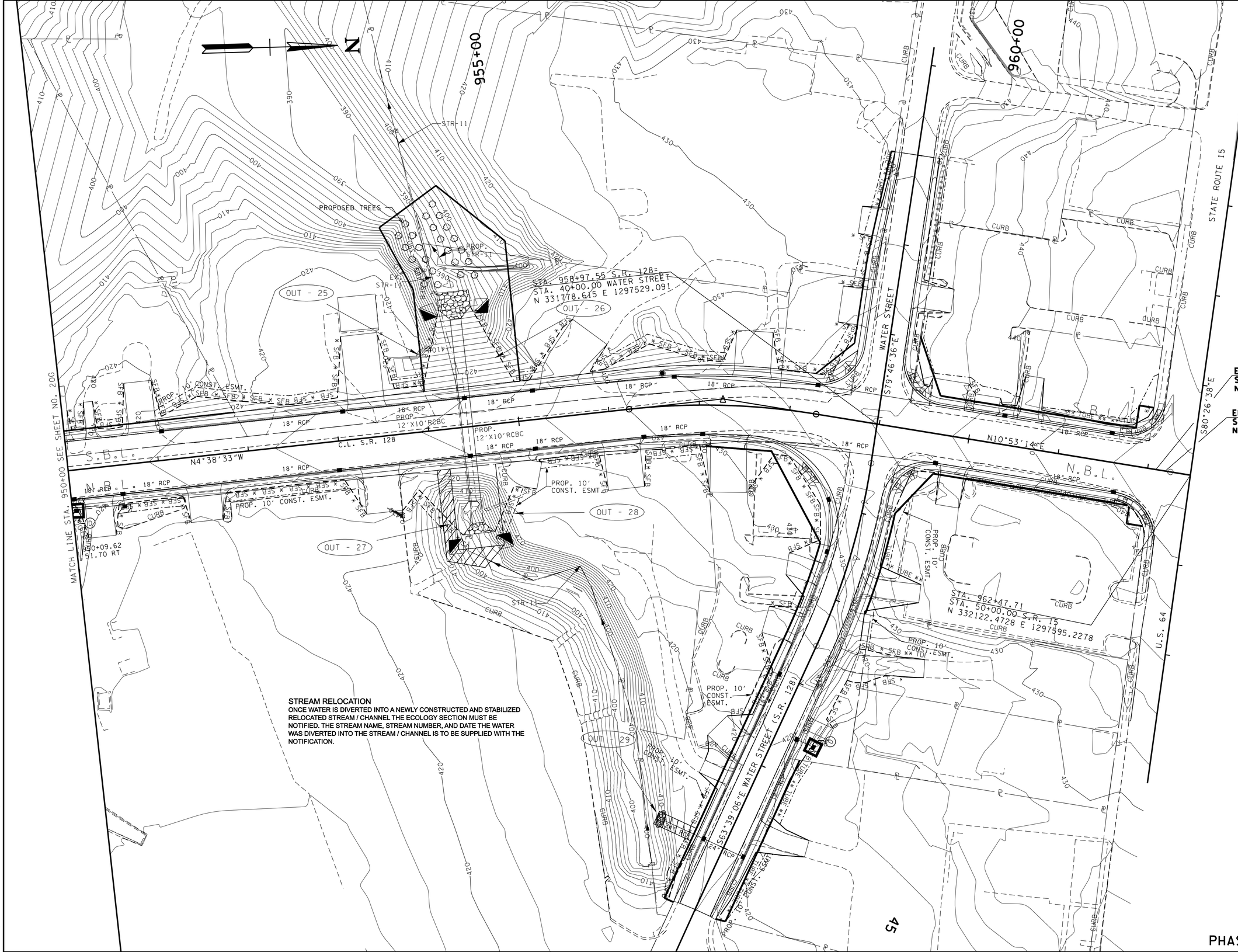
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	20H



END PROJ NO.STP-128(11) (R.O.W.)
S.R. 128 STA. 962+09.19
N 332084.6404 E 1297587.9512

END PROJ NO.STP-128(27) (CONST.)
S.R. 128 STA. 962+19.57
N 332094.8382 E 1297589.9126

STREAM RELOCATION

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.

UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 950+00 TO STA. 962+46

SCALE: 1"= '

PHASE III

2/17/2015 10:51:59 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	21

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.

UNOFFICIAL SET
NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	21A

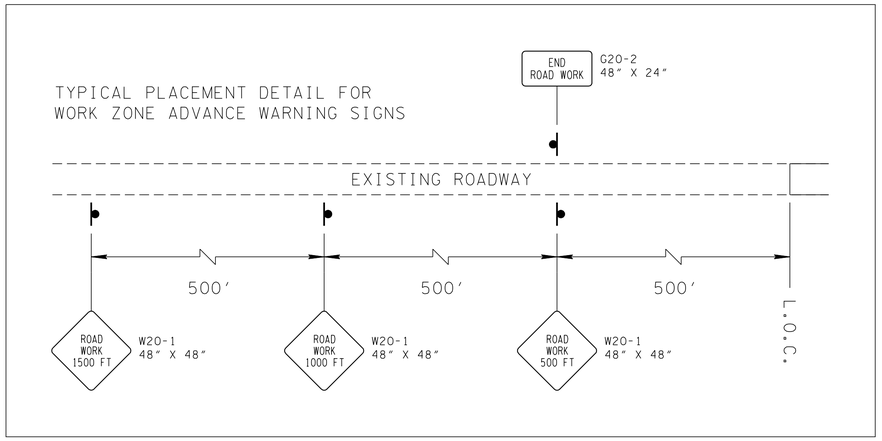
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TRAFFIC CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ITEM NO. 712-06 (S.F.)	SIZE	M.U.T.C.D. NO.	REMARKS
712-01	TRAFFIC CONTROL	LS	1				
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	9000				STD. DWG. T-PBR-1
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	333				
712-06	SIGNS (CONSTRUCTION)						
	ROAD CLOSED	EACH	2	20	48"x30"	R11-2	
	ONE DIRECTION LARGE ARROW	EACH	2	16	48"x24"	W1-6	
	REVERSE CURVE (LEFT)	EACH	2	32	48"x48"	W1-4AL	
	REVERSE CURVE (RIGHT)	EACH	2	32	48"x48"	W1-4AR	
	ADVISORY SPEED (25 MPH)	EACH	4	16	24"x24"	W13-1P	
	END ROAD WORK		25	200	48"x24"	G20-2	
	ROAD WORK 1500 FT		25	400	48"x48"	W20-1	
	ROAD WORK 1000 FT		25	400	48"x48"	W20-1	
	ROAD WORK 500 FT		23	368	48"x48"	W20-1	
712-06.01	VERTICAL PANELS	S.F.	2492				STD. DWG. T-PBR-2
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48				STD. DWG. T-S-18
TOTAL				**1484**			

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	VERTICAL PANELS (2 FACES)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	PORTABLE BARRIER RAIL (WITH DOUBLE VERTICAL PANELS)
	TEMPORARY ATTENUATOR
	TEMPORARY BARRICADE (TYPE III)



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL QUANTITIES & DETAILS

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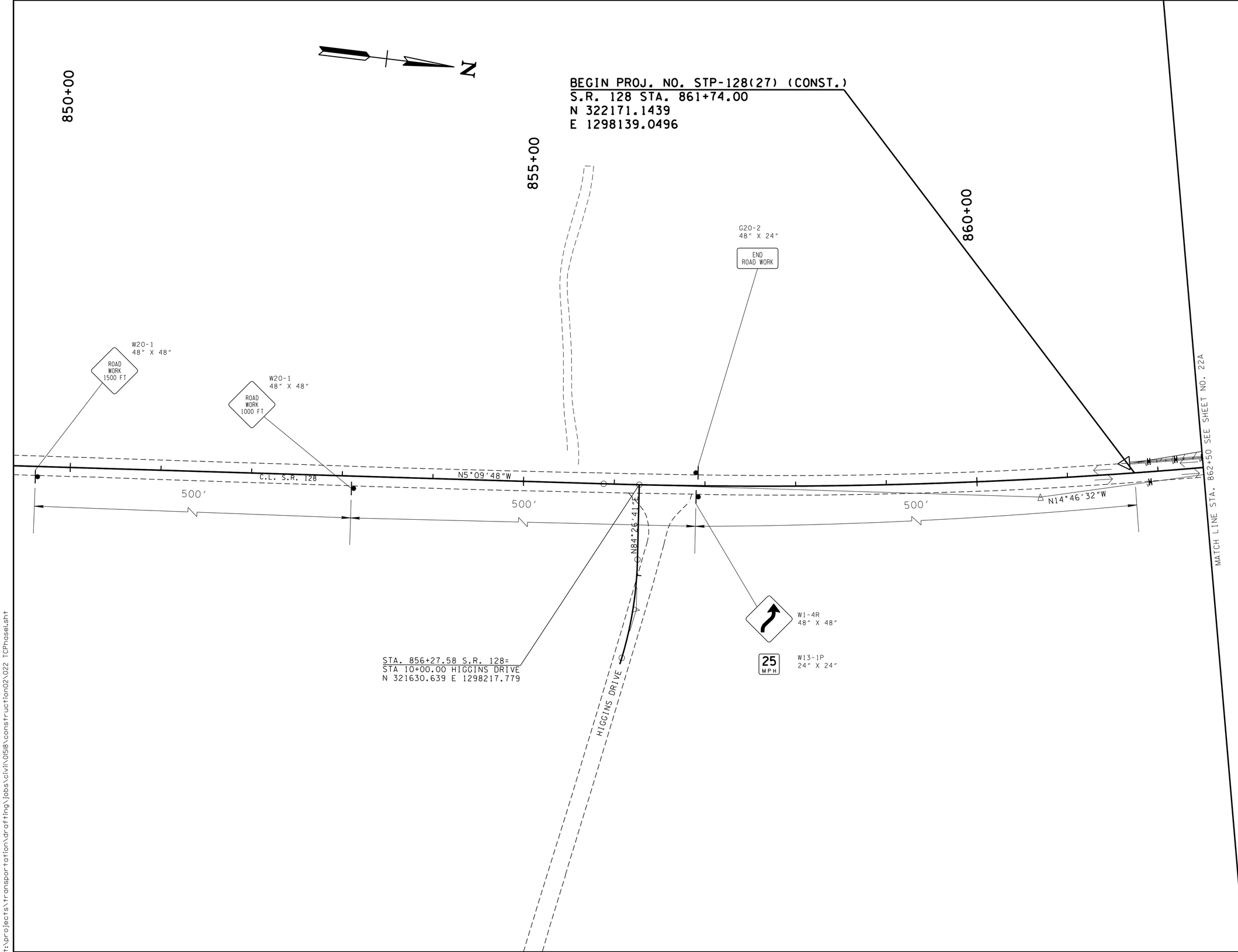
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(93). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

2/17/2015 10:54:08 AM
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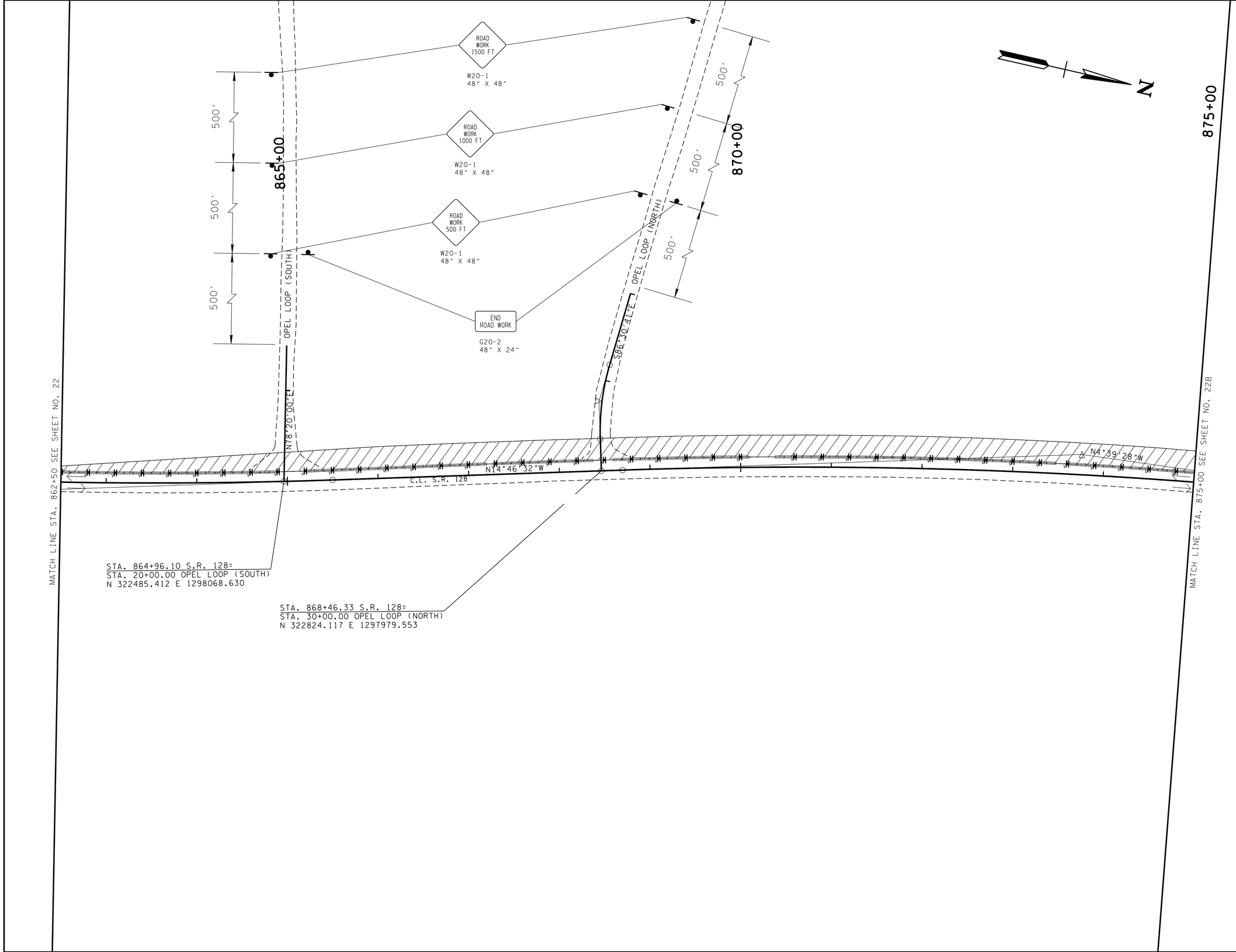
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 83/1997, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.862+50 TO STA.875+00

SCALE: 1"= 50'

2/17/2015 10:54:09 AM
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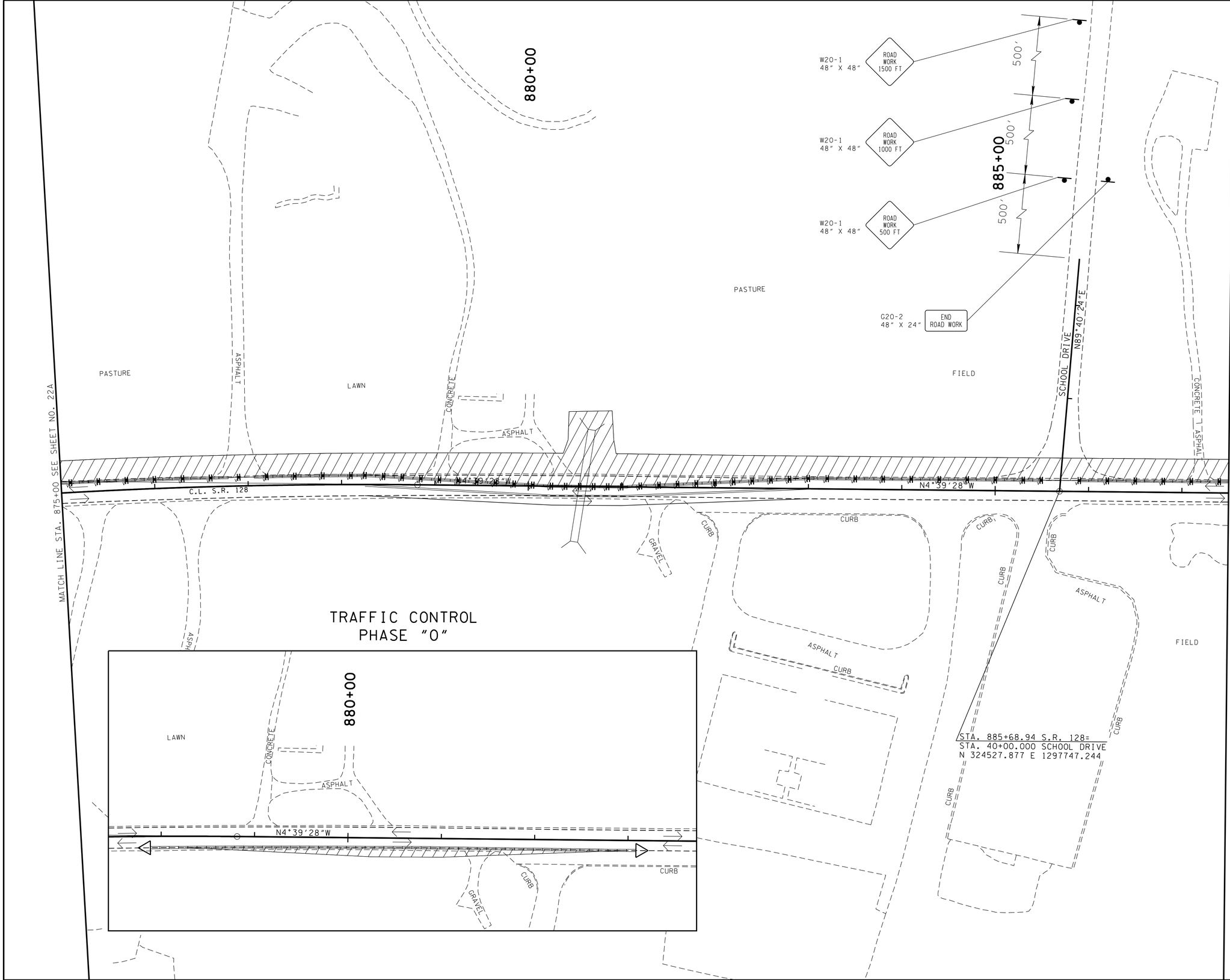
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22B



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83 US.FT.SS, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

2/17/2015 10:54:11 AM
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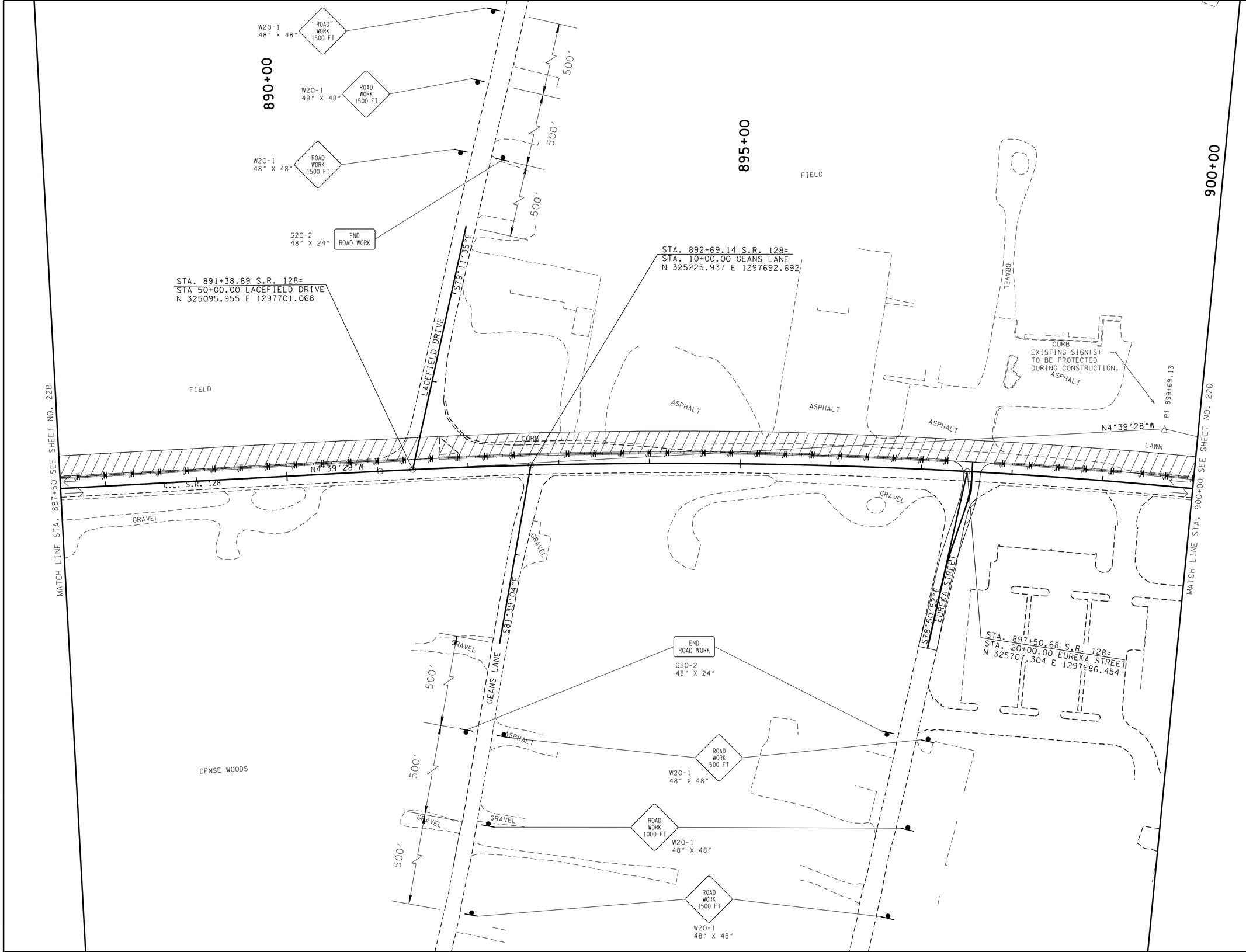
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22C



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83 US.SURVEY, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

2/17/2015 10:54:12 AM
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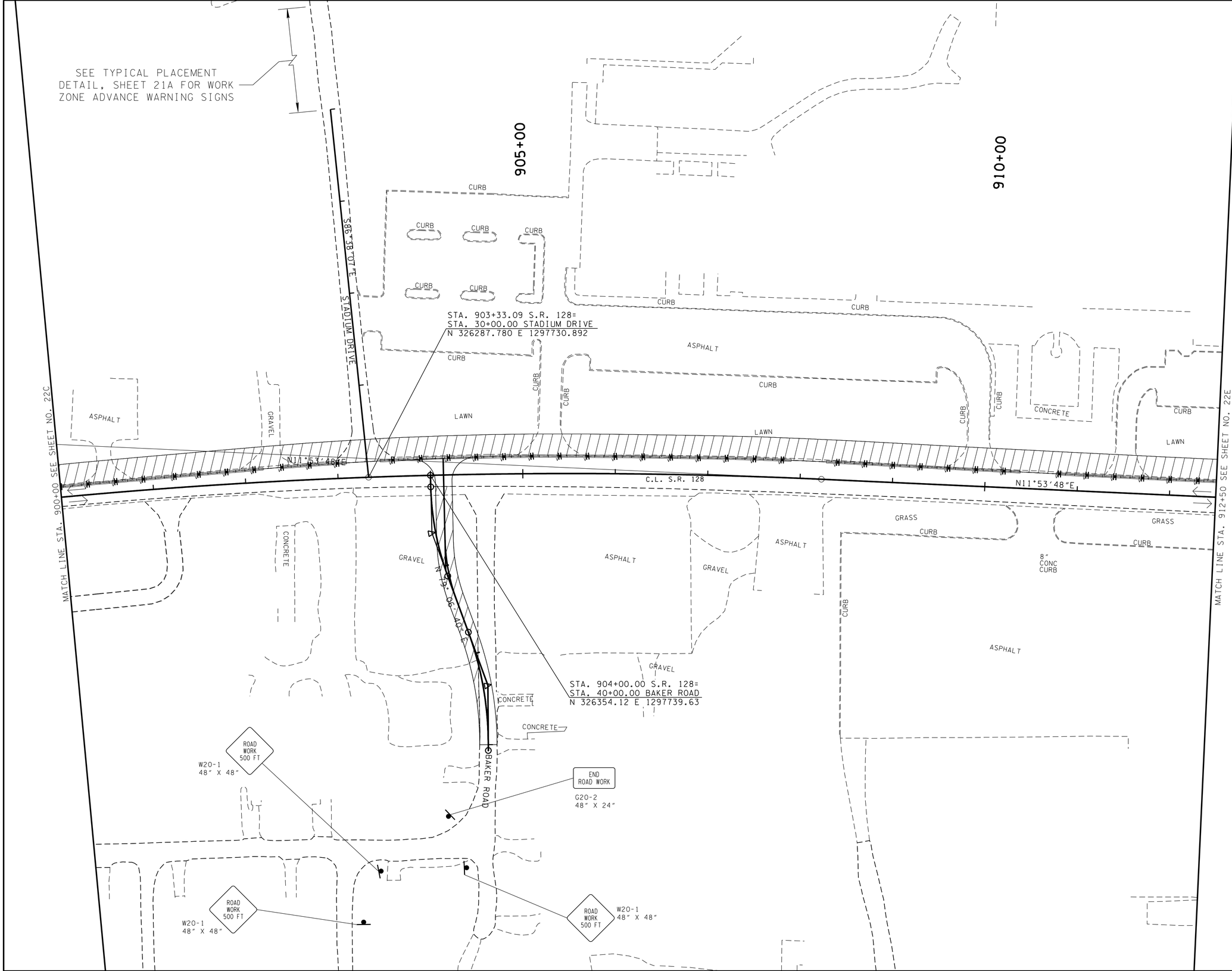
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22D



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

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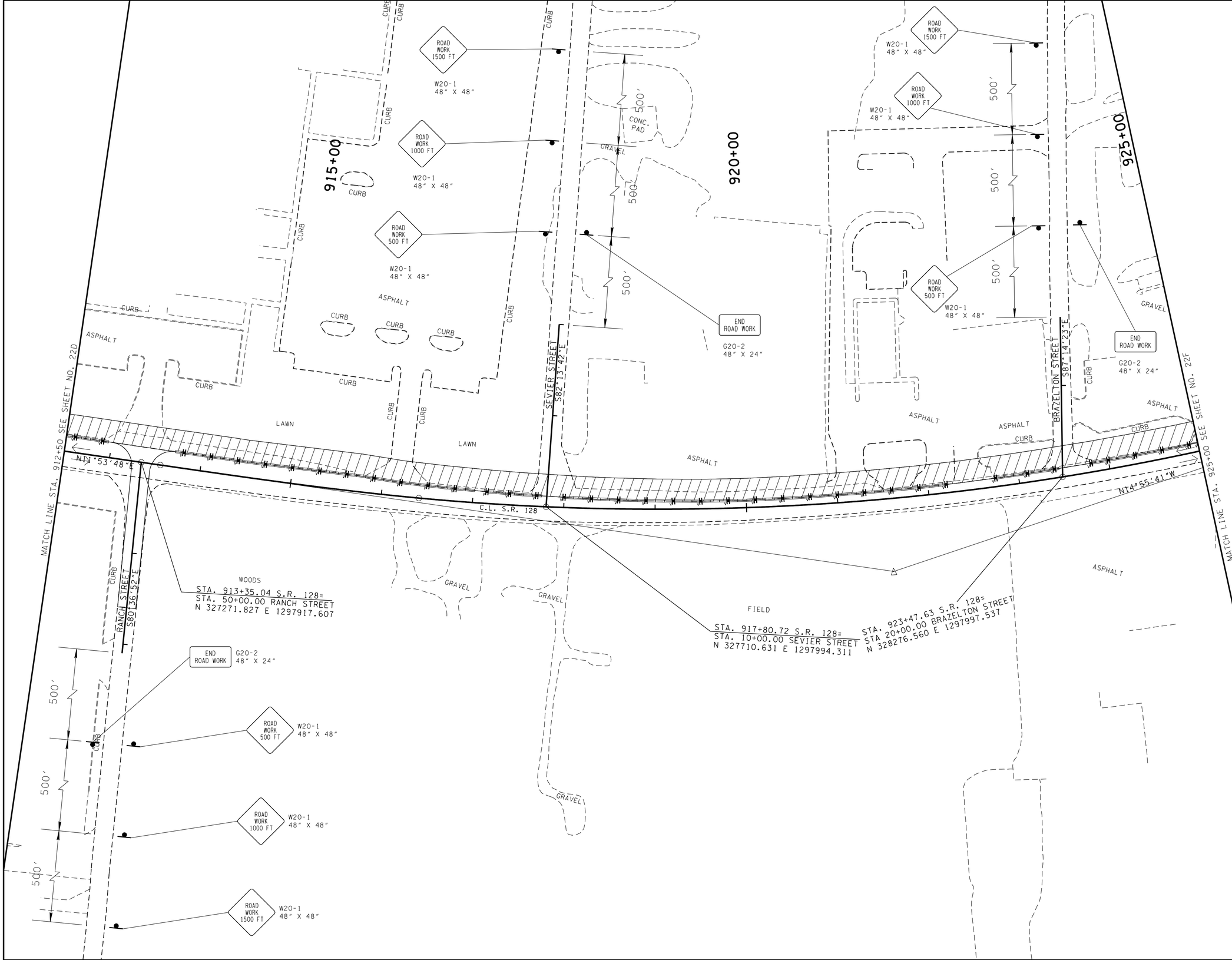
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22E



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

2/17/2015 10:54:15 AM
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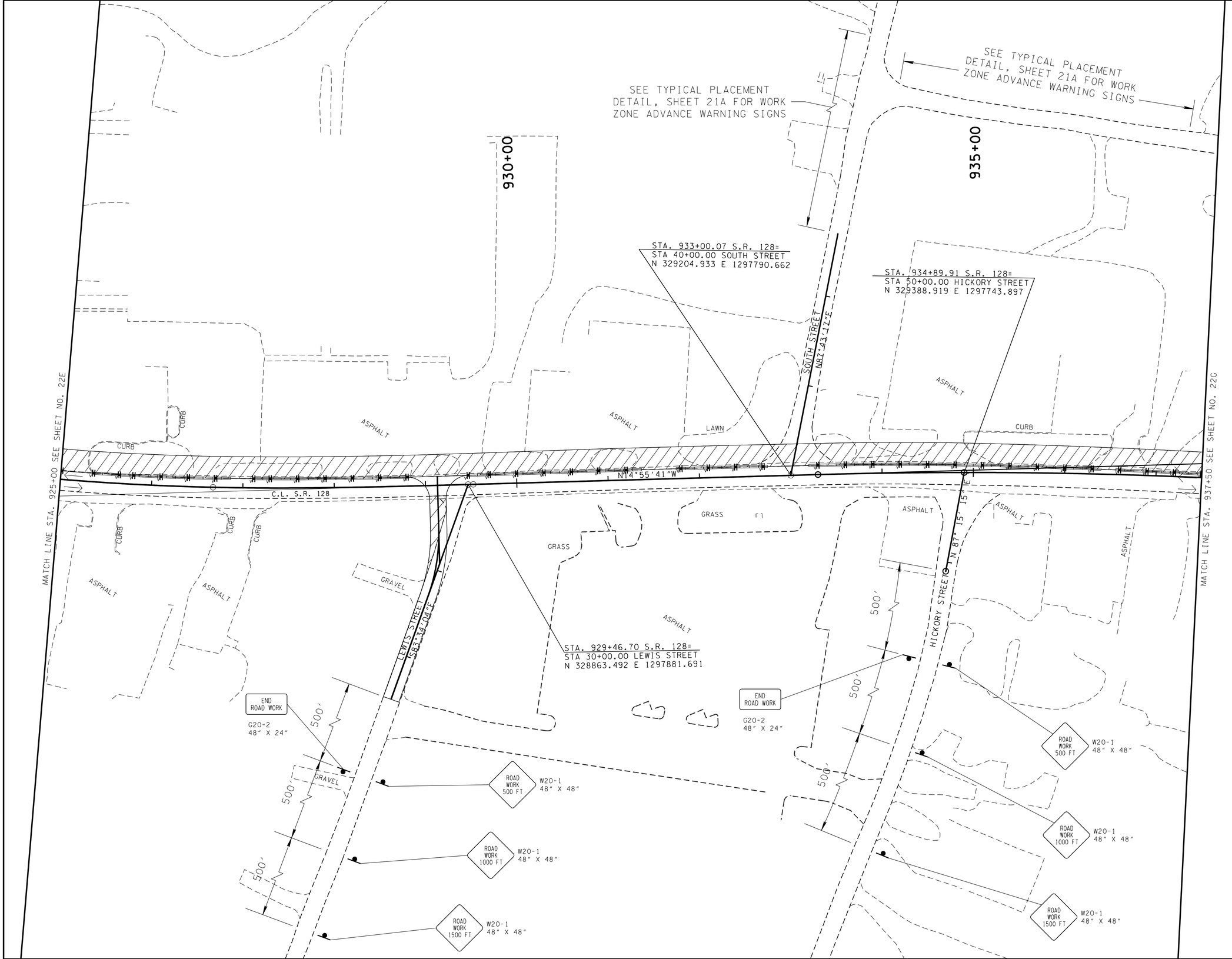
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22F



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

2/17/2015 10:54:16 AM
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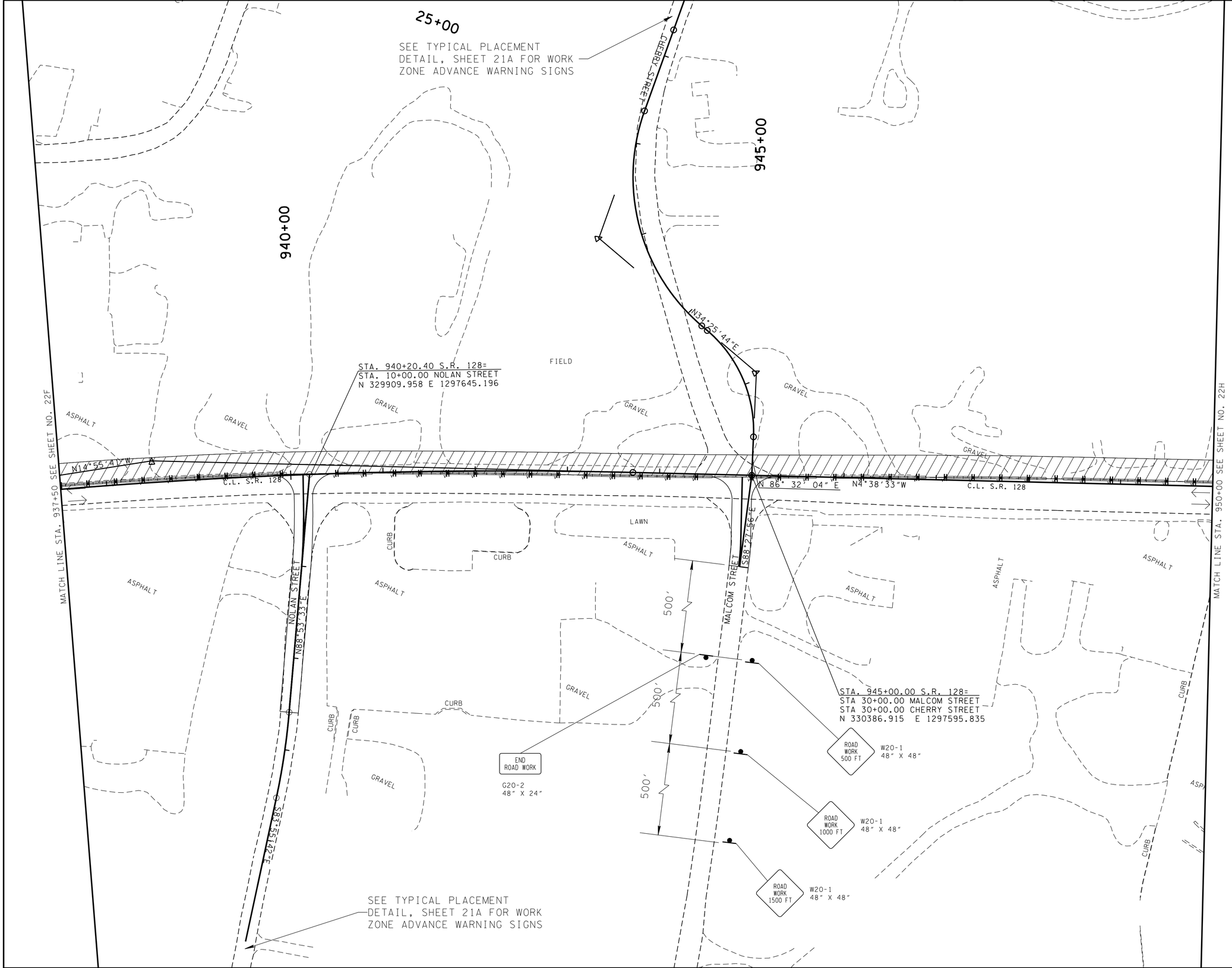
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22G



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.937+50 TO STA.950+00

SCALE: 1"= 50'

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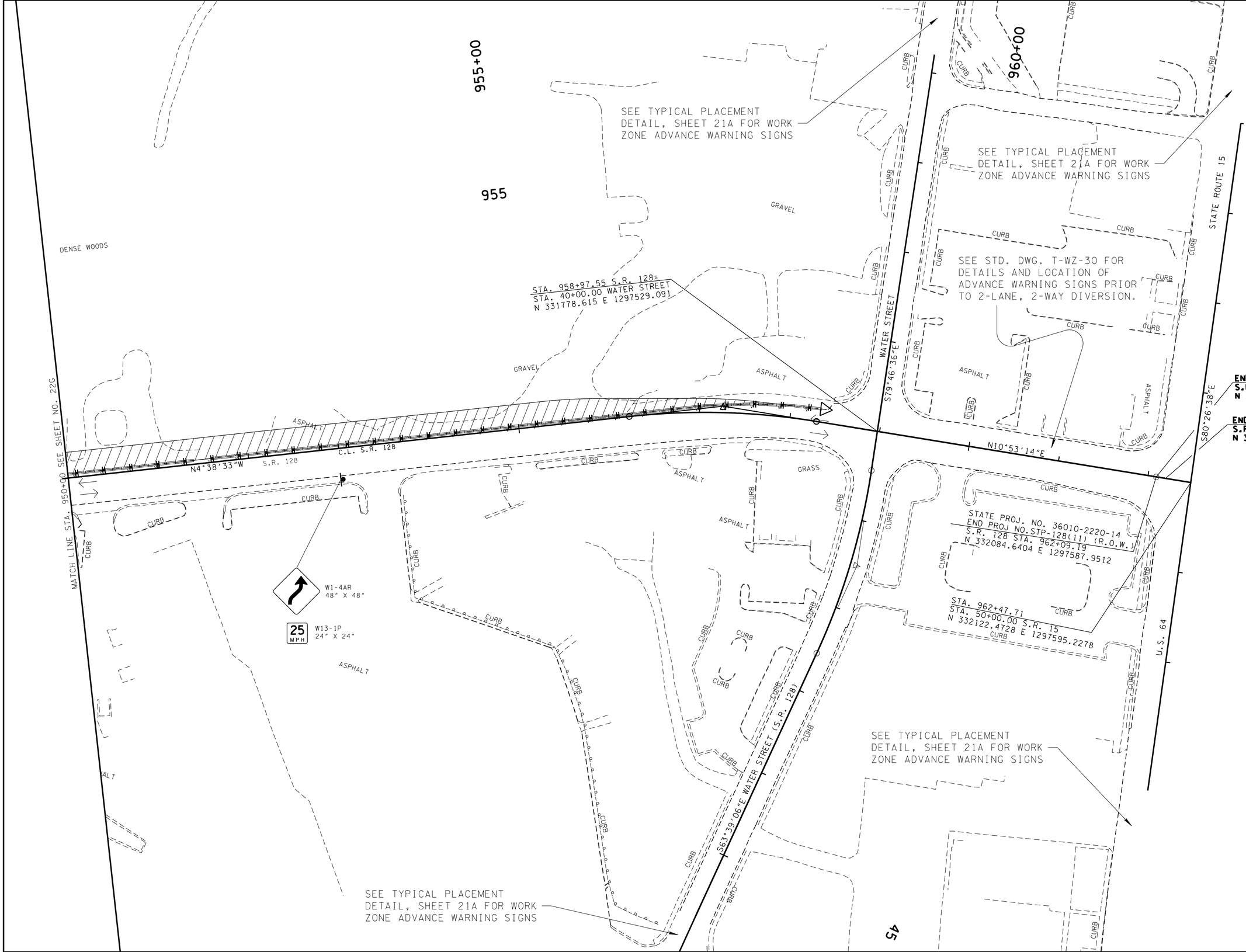
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	22H



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 1

STA.950+00 TO STA.962+46

SCALE: 1"= 50'

2/17/2015 10:54:19 AM
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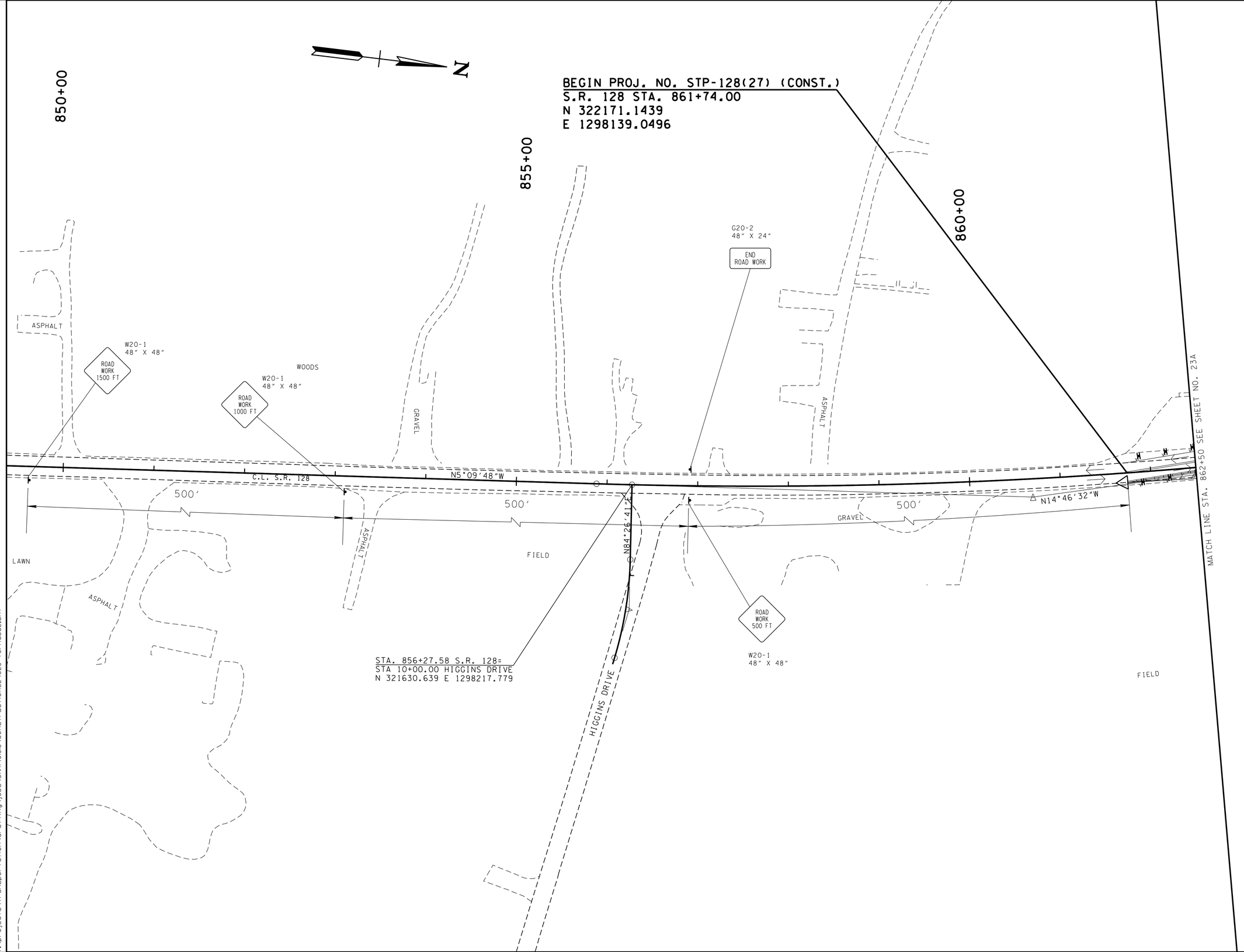
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

2/17/2015 10:54:21AM
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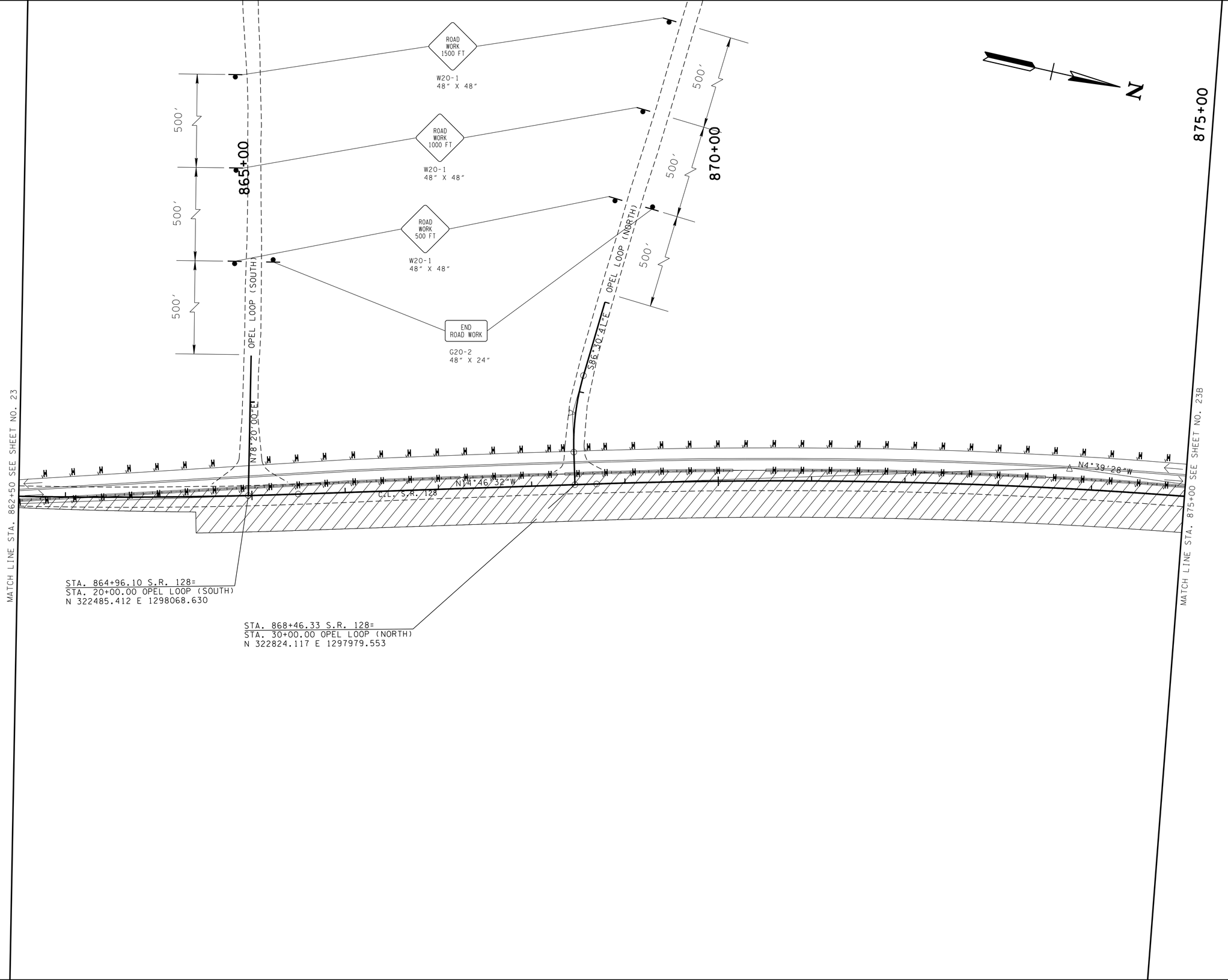
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23A



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.862+50 TO STA.875+00

SCALE: 1"= 50'

02/17/2015 10:54:23 AM
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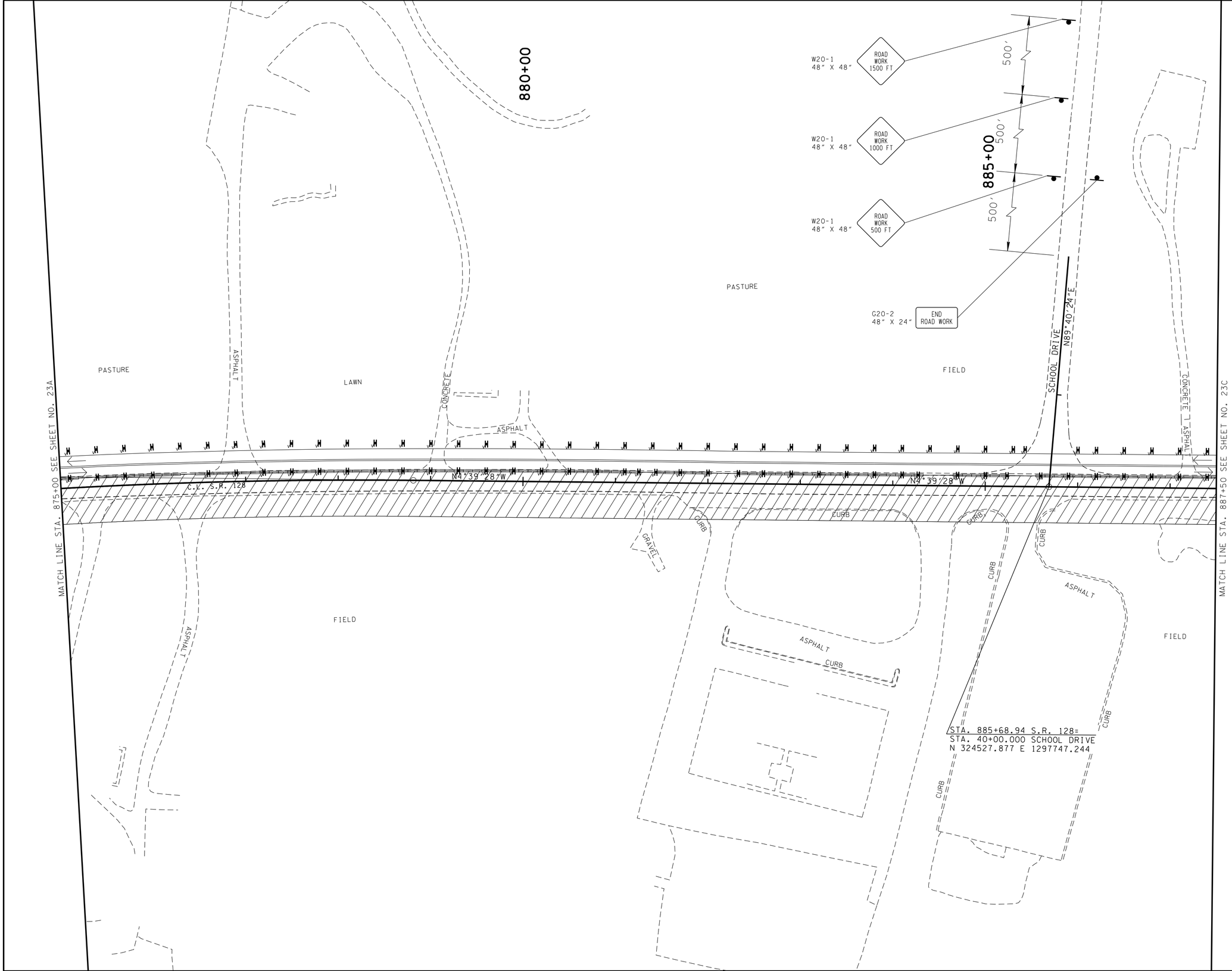
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23B



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

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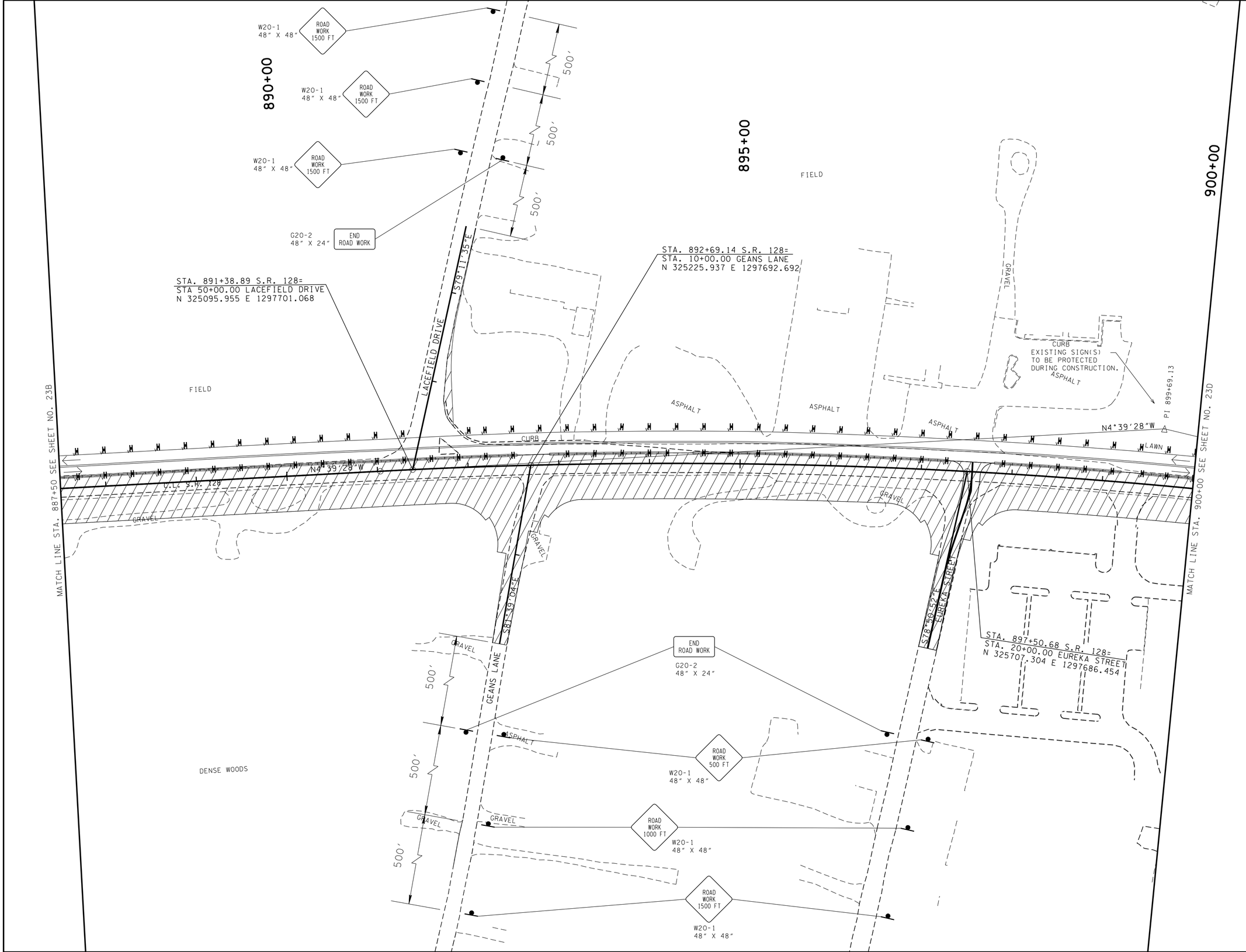
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23C



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

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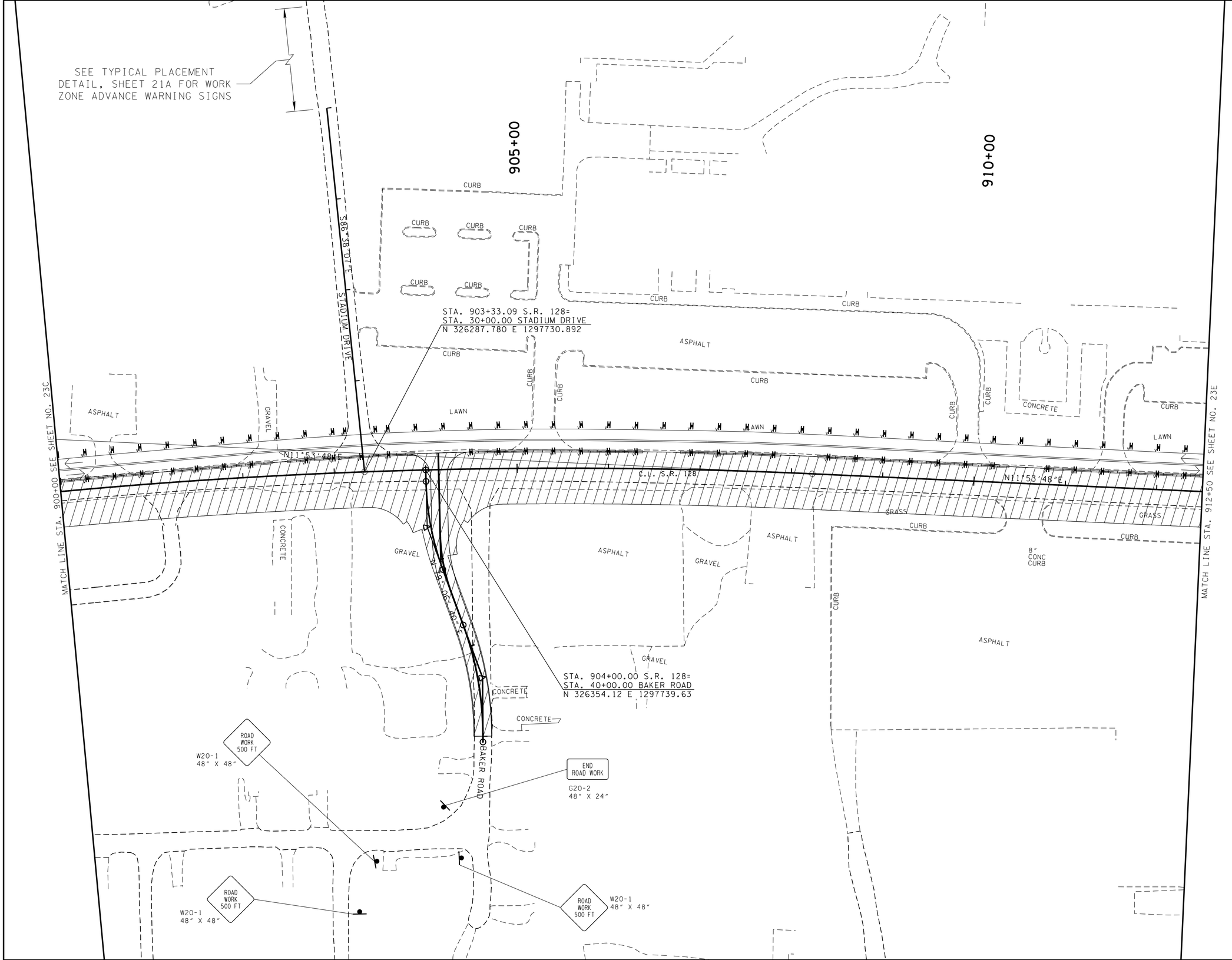
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23D



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

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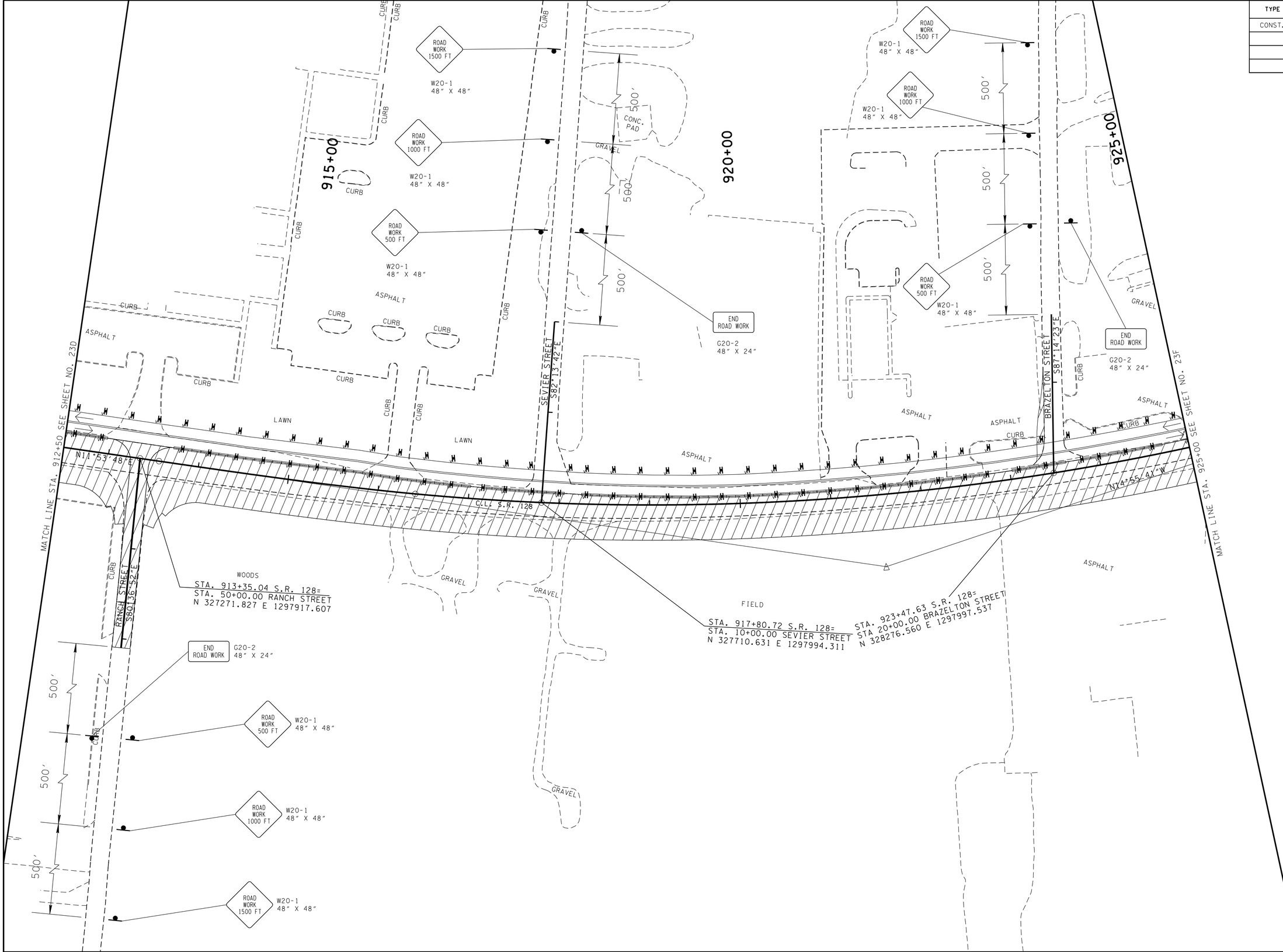
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23E



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 83/1997, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

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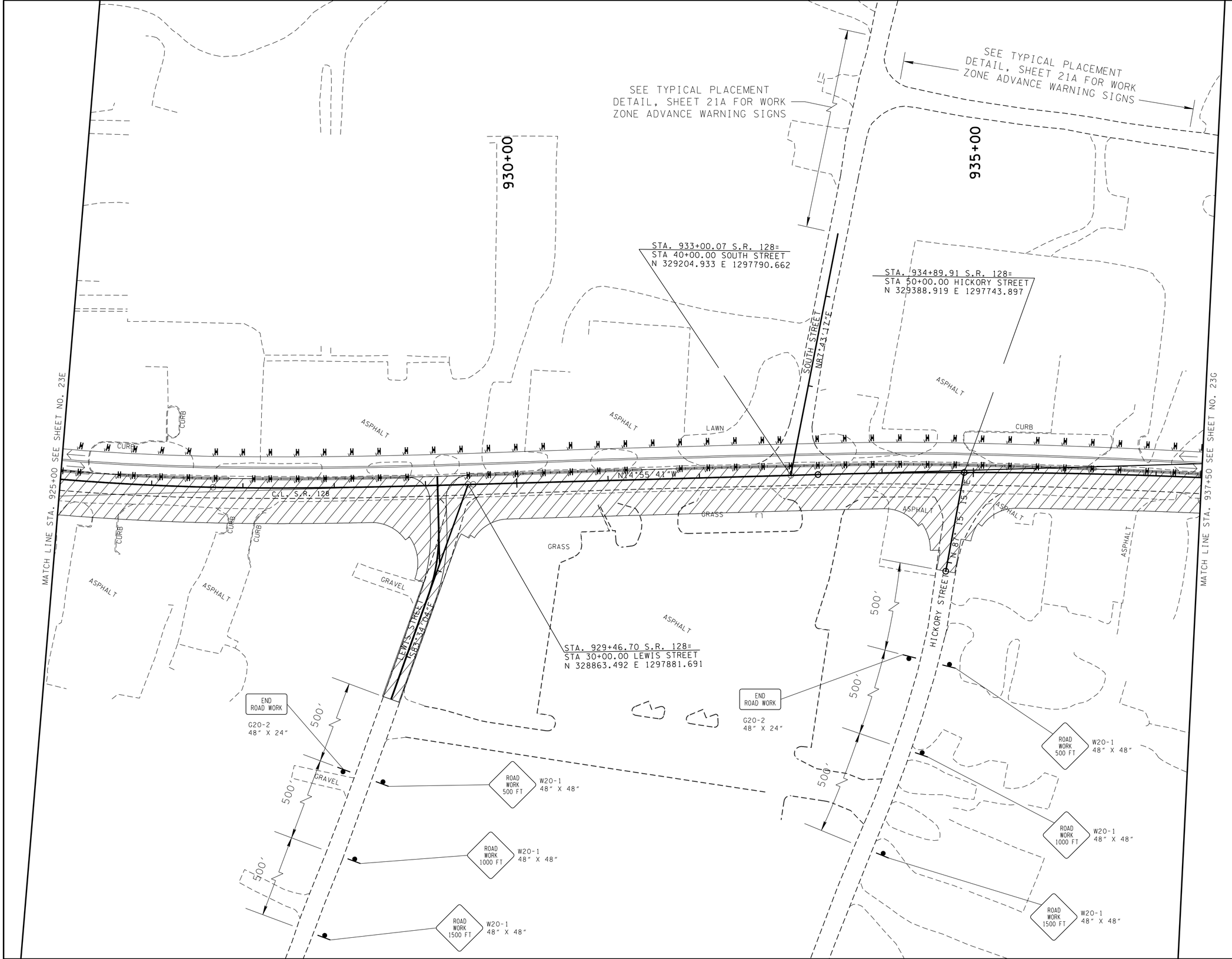
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23F



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

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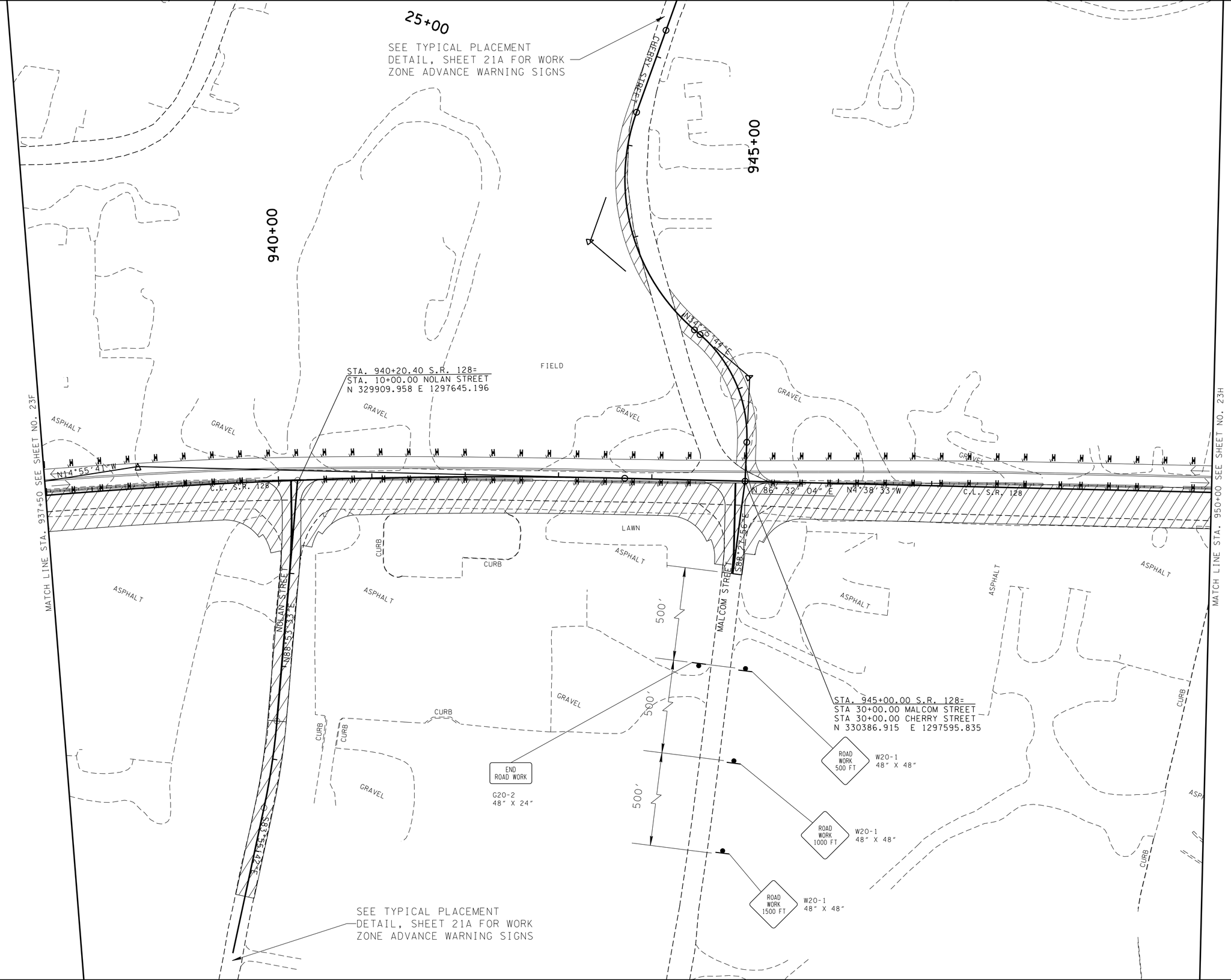
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23G



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.937+50 TO STA.950+00

SCALE: 1"= 50'

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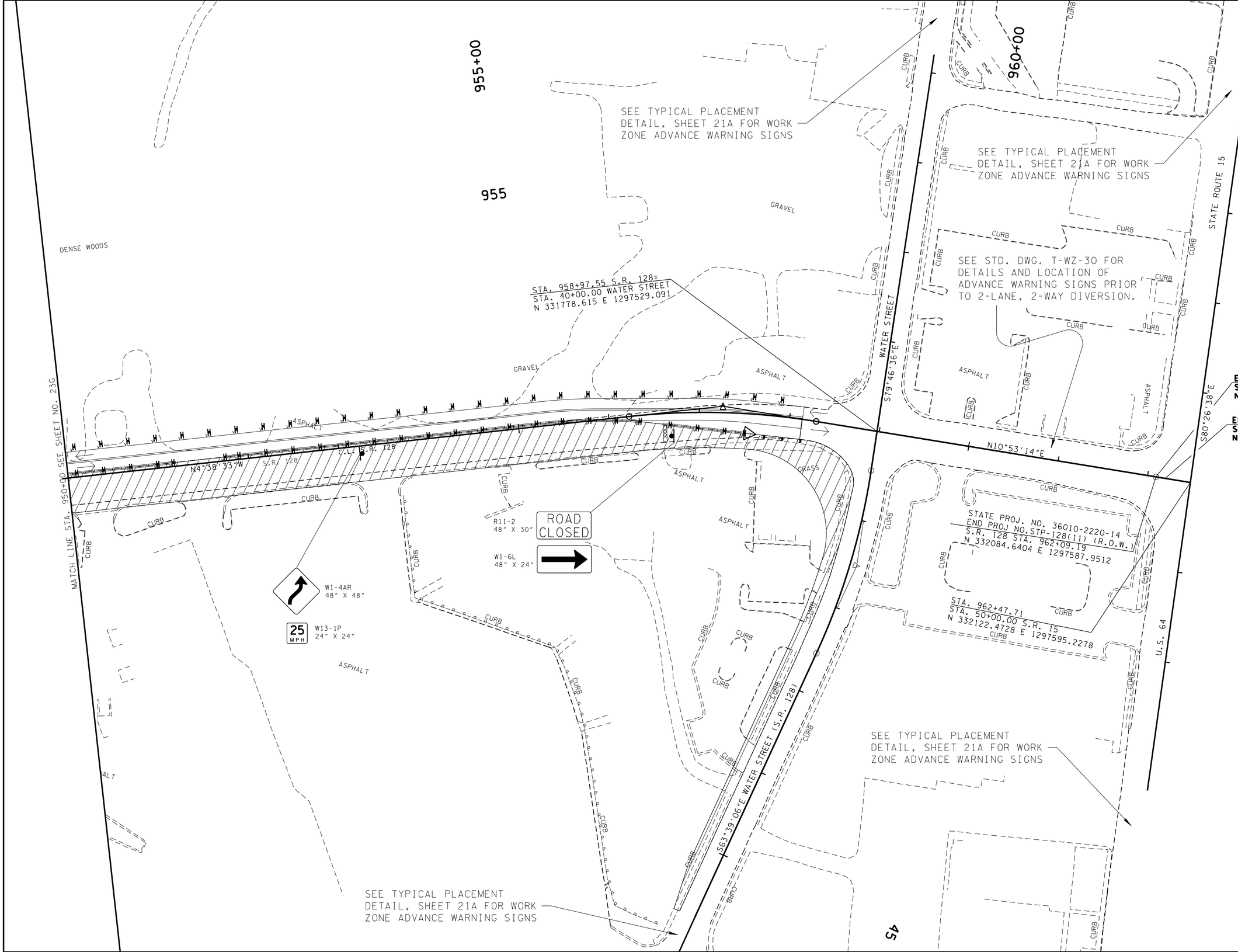
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	23H



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.950+00 TO STA.962+46

SCALE: 1"= 50'

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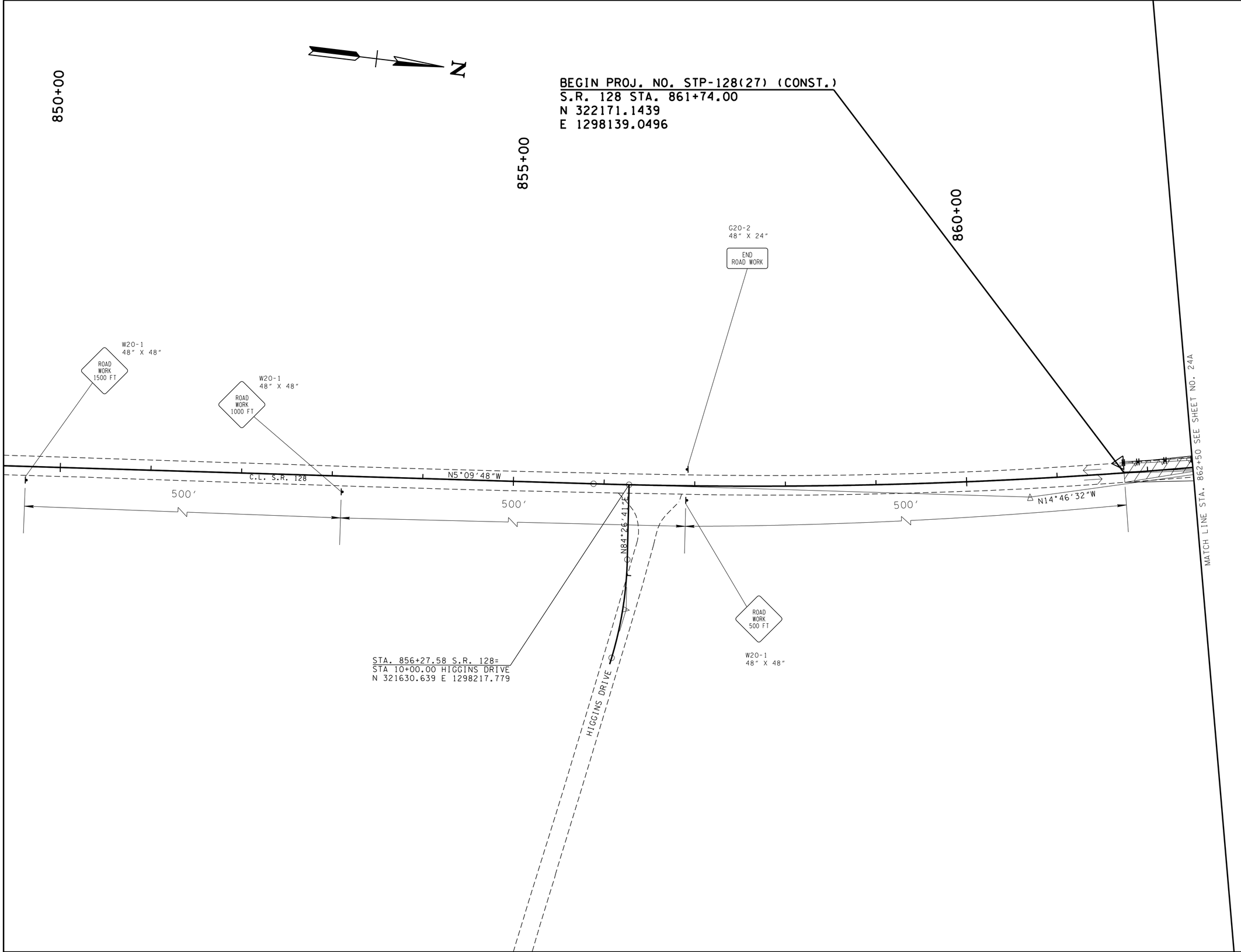
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.850+00 TO STA.862+50

SCALE: 1"= 50'

2/17/2015 10:54:36 AM
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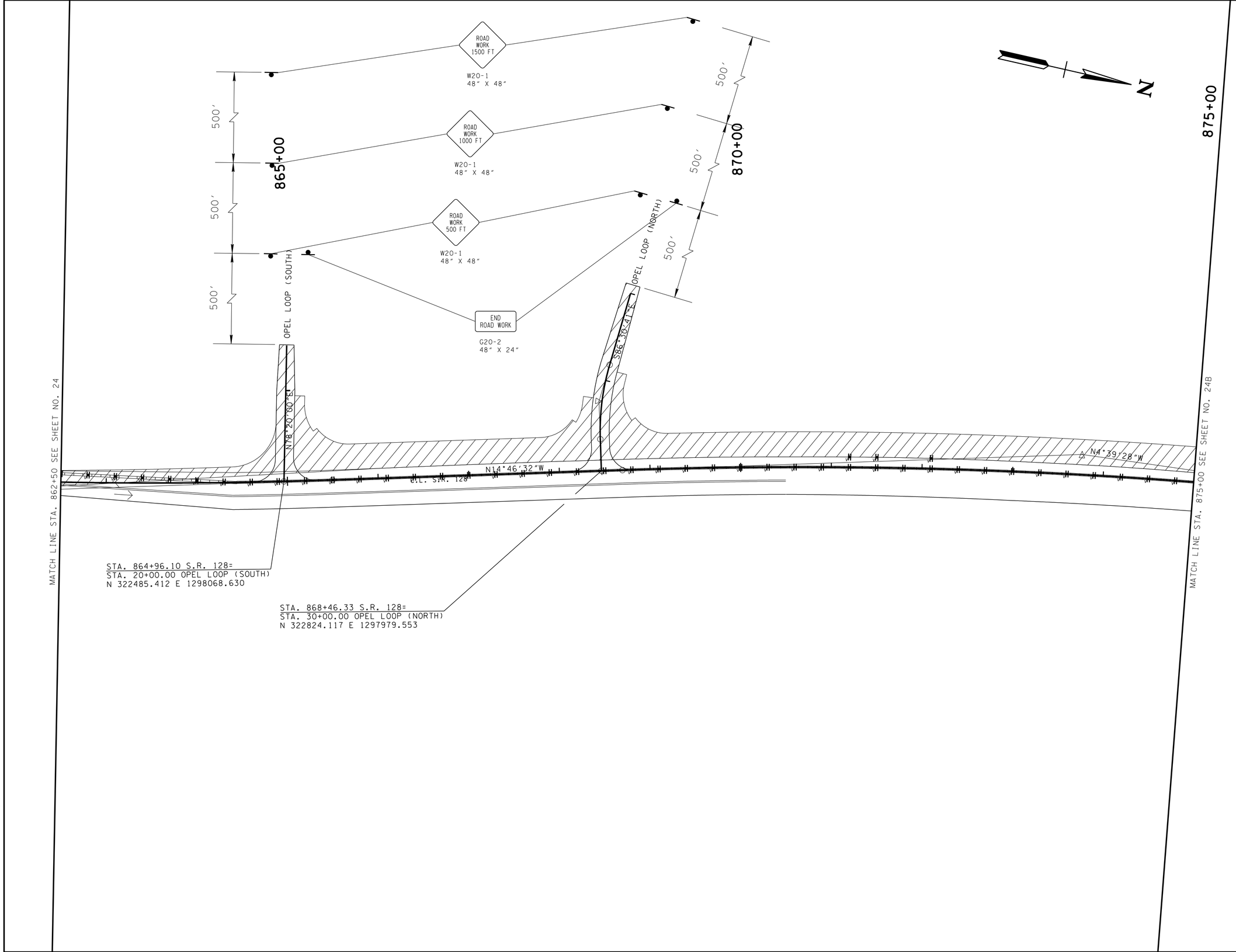
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1997), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.862+50 TO STA.875+00

SCALE: 1"= 50'

2/17/2015 10:54:36 AM
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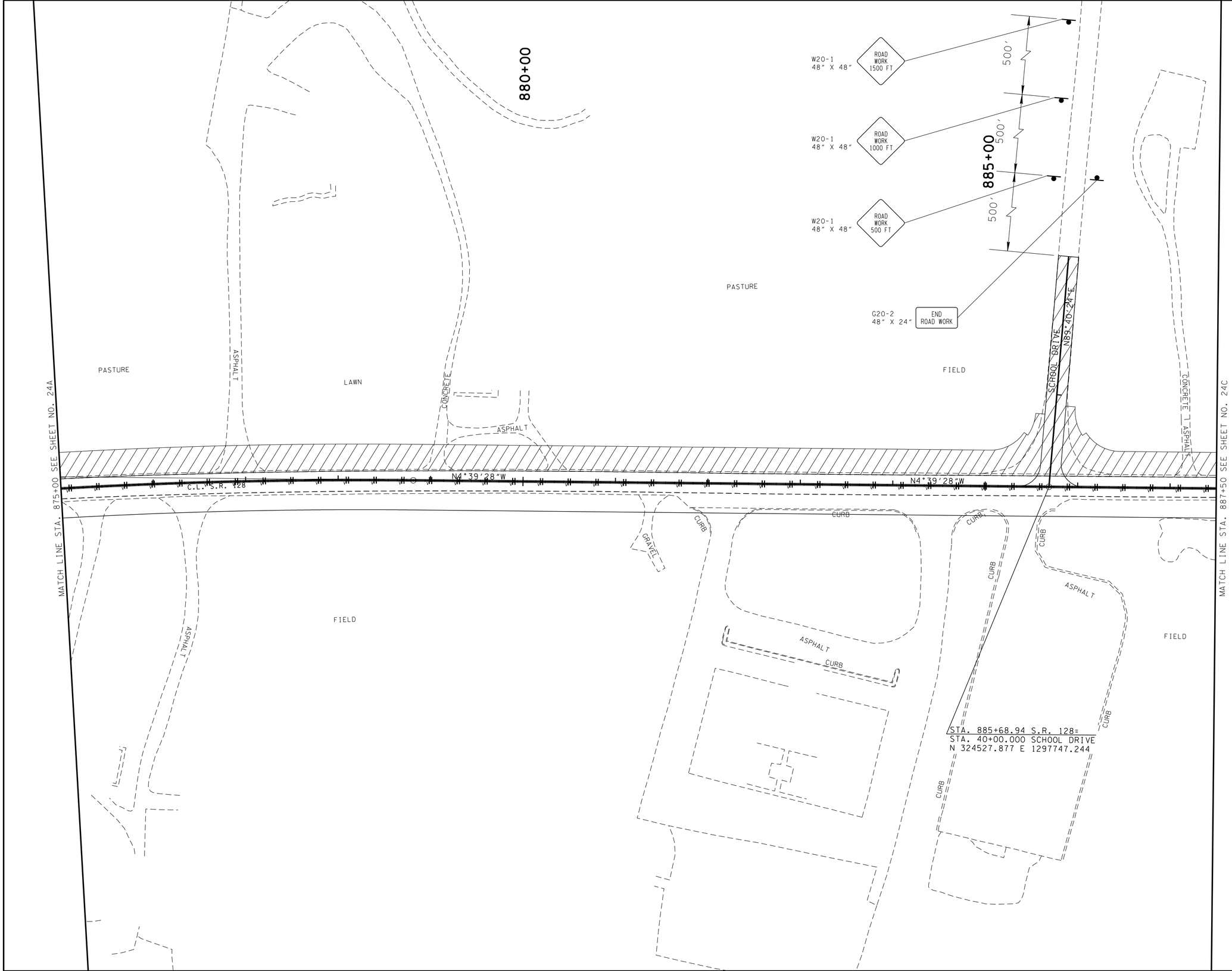
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24B



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 2

STA.875+00 TO STA.887+50

SCALE: 1"= 50'

2/17/2015 10:54:38 AM
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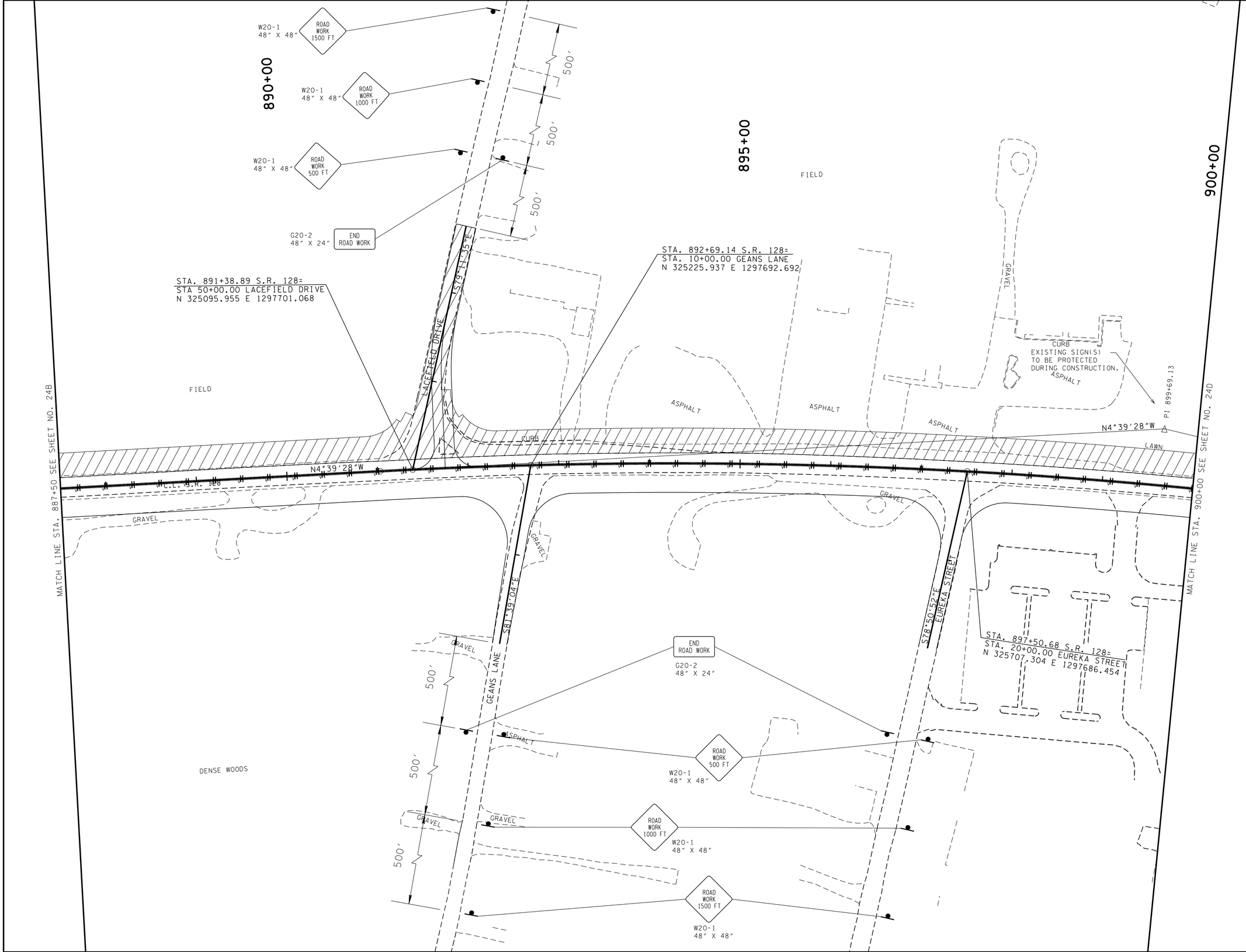
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24C



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD 1983/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.887+50 TO STA.900+00

SCALE: 1"= 50'

2/17/2015 10:54:40 AM
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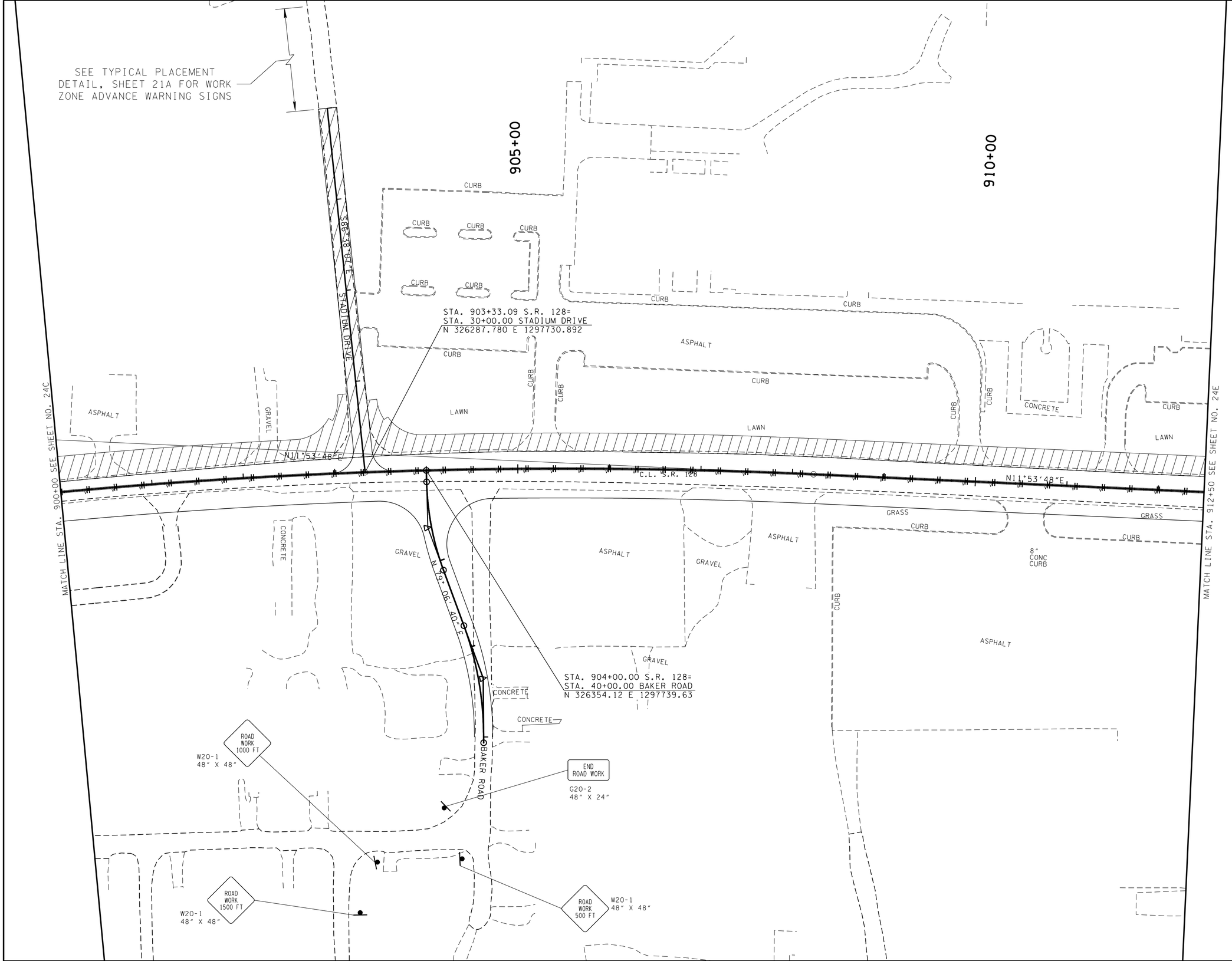
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24D



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.900+00 TO STA.912+50

SCALE: 1"= 50'

2/17/2015 10:54:41 AM
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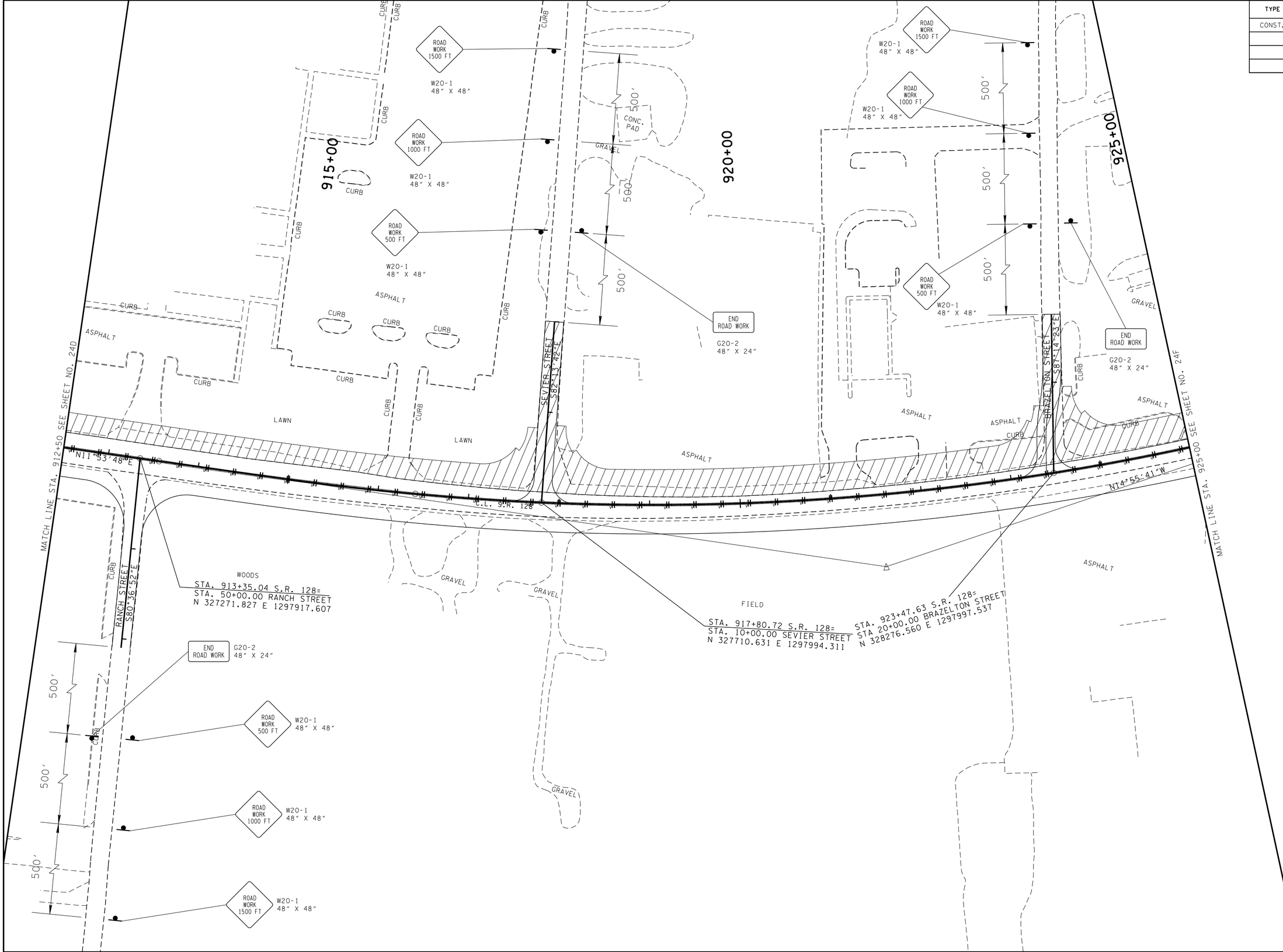
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24E



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1993). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.912+50 TO STA.925+00

SCALE: 1"= 50'

2/17/2015 10:54:42 AM
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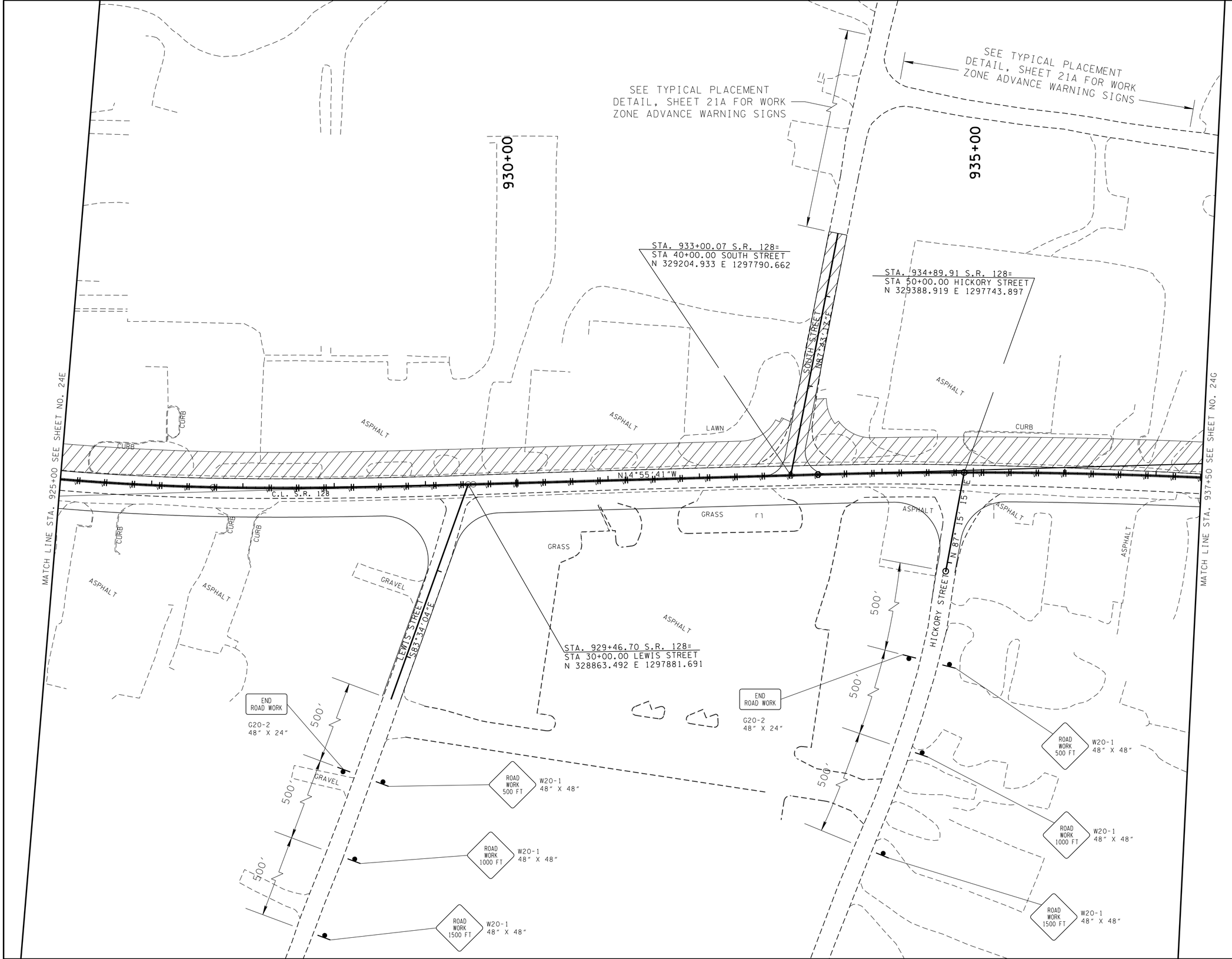
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24F



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83(1997). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.925+00 TO STA.937+50

SCALE: 1"= 50'

2/17/2015 10:54:44 AM
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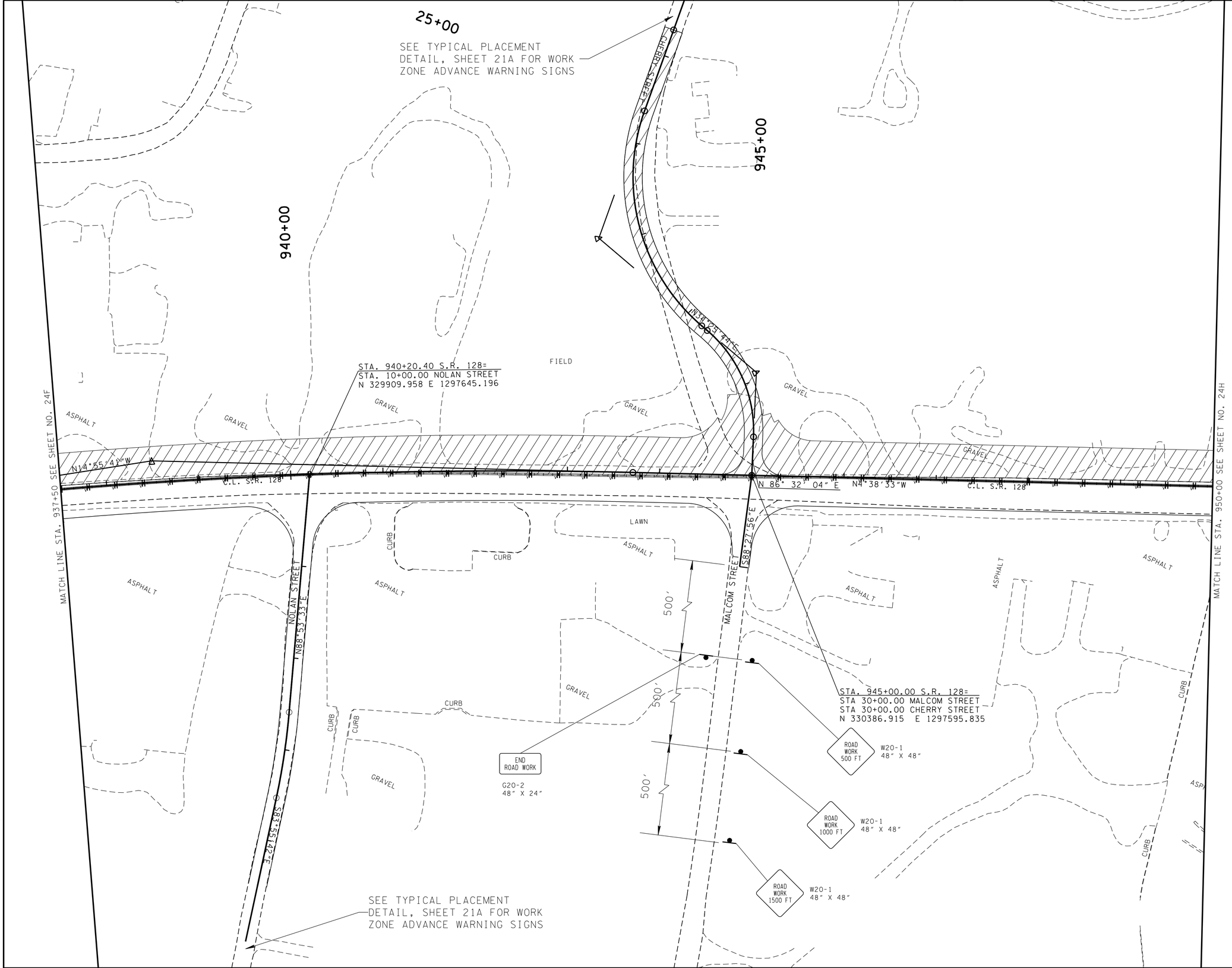
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24G



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.937+50 TO STA.950+00

SCALE: 1"= 50'

2/17/2015 10:54:45 AM
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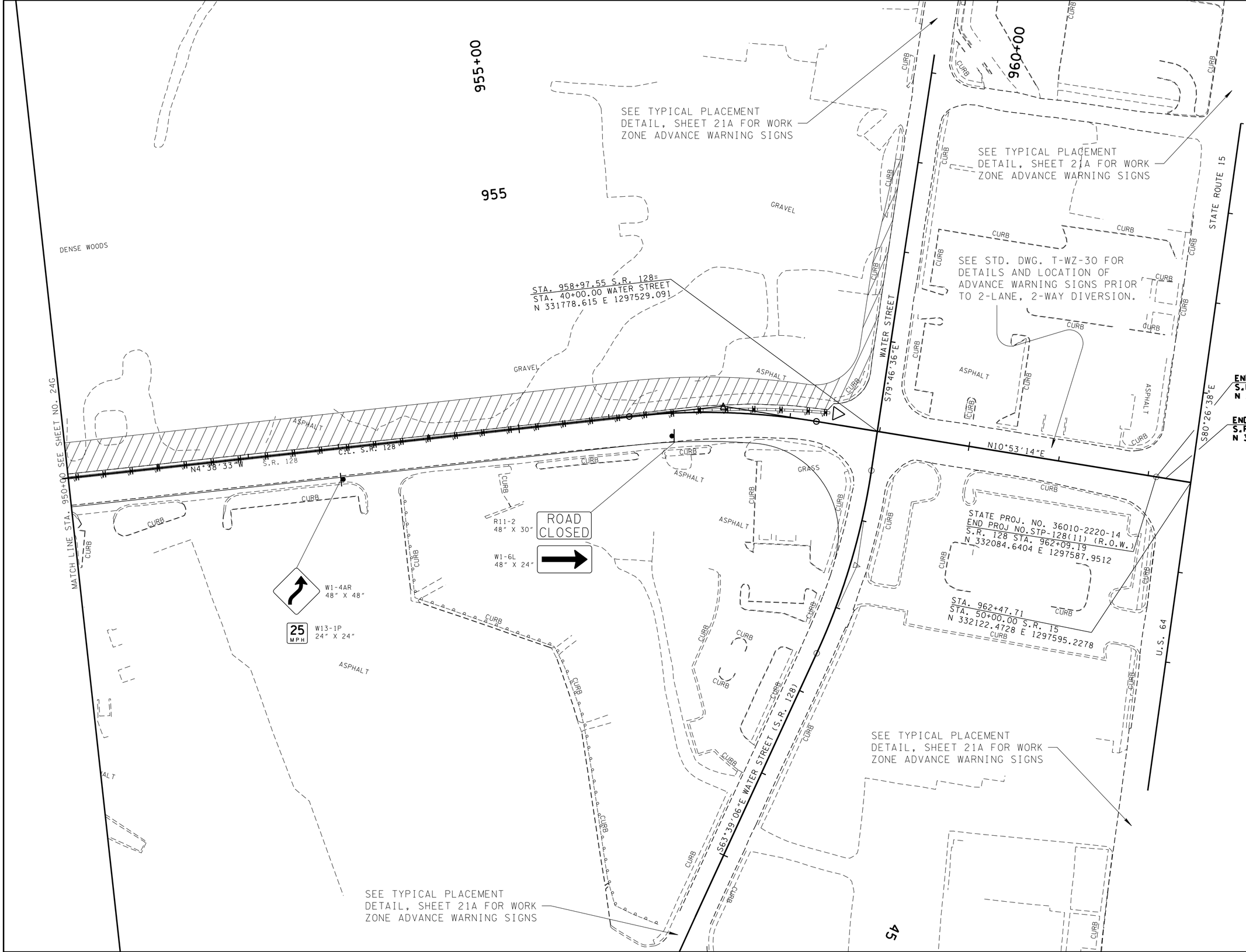
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-128(27)	24H



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83HS39. ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN PHASE 3

STA.950+00 TO STA.962+46

SCALE: 1"= 50'

2/17/2015 10:54:47 AM
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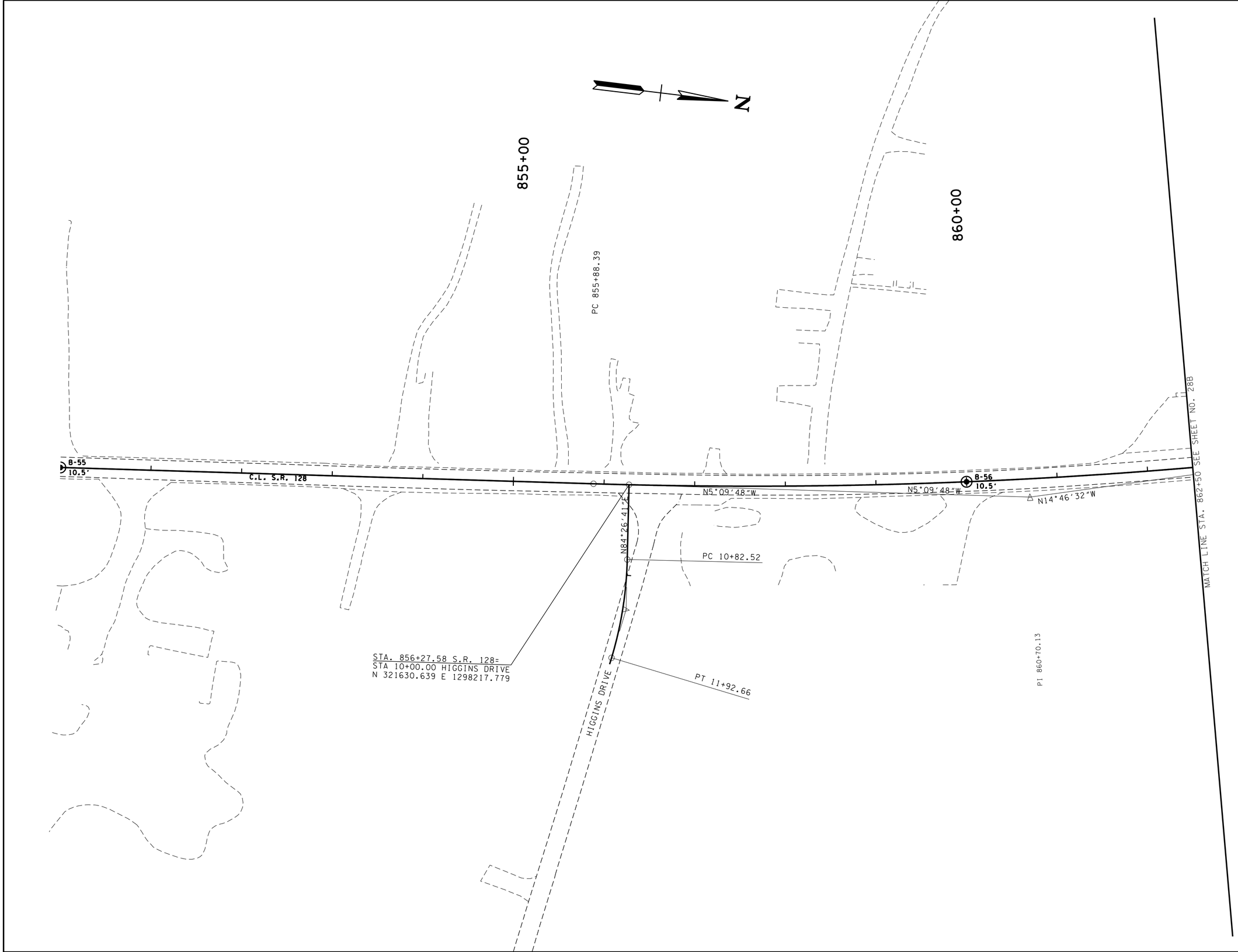
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20B
CONST.	2015	NH-128(27)	28



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83/93/, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 850+00 TO STA. 862+50

SCALE: 1"= 50'

2/17/2015 10:55:10 AM
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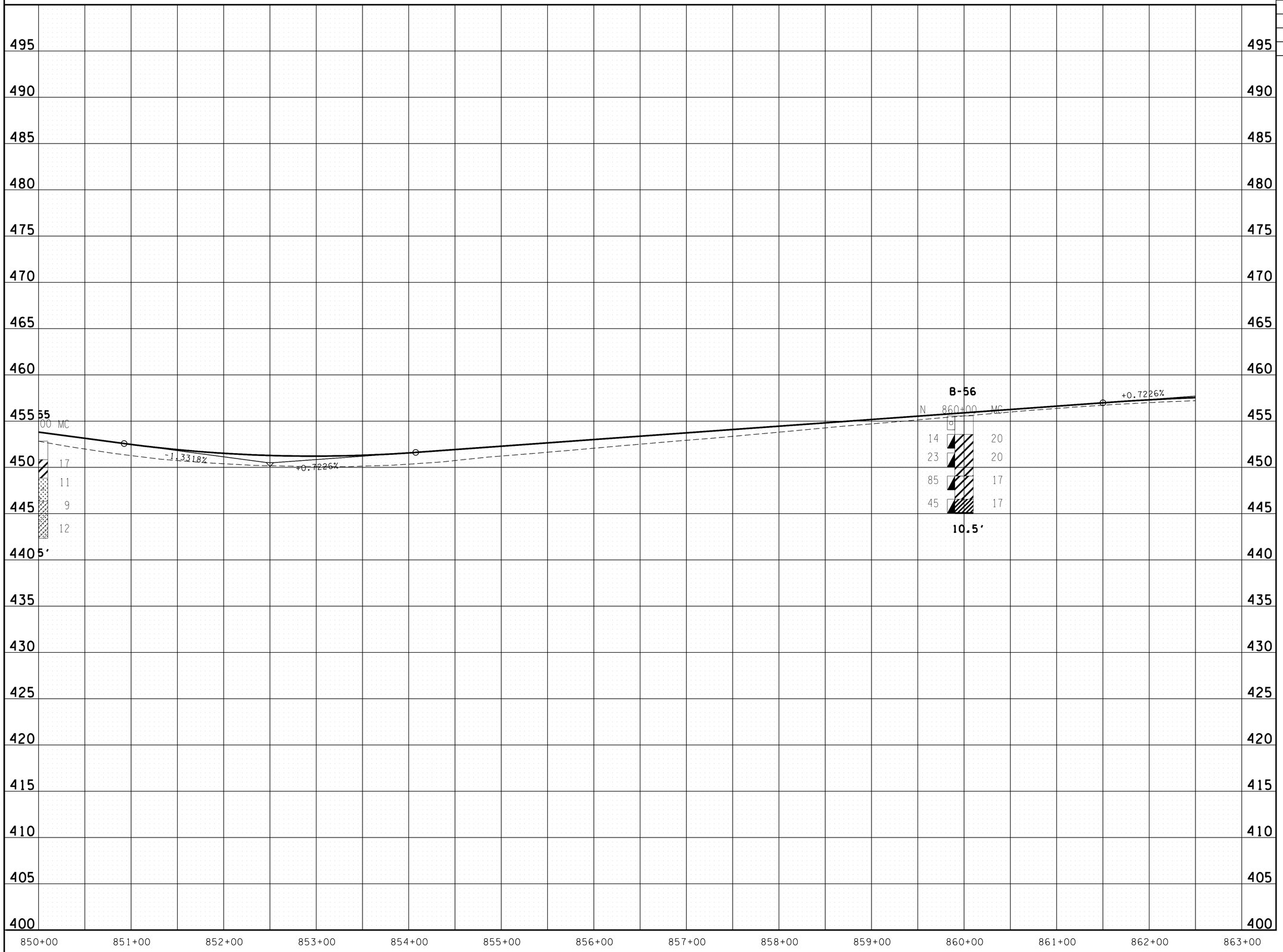
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	20C
CONST.	2015	NH-128(27)	28A



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

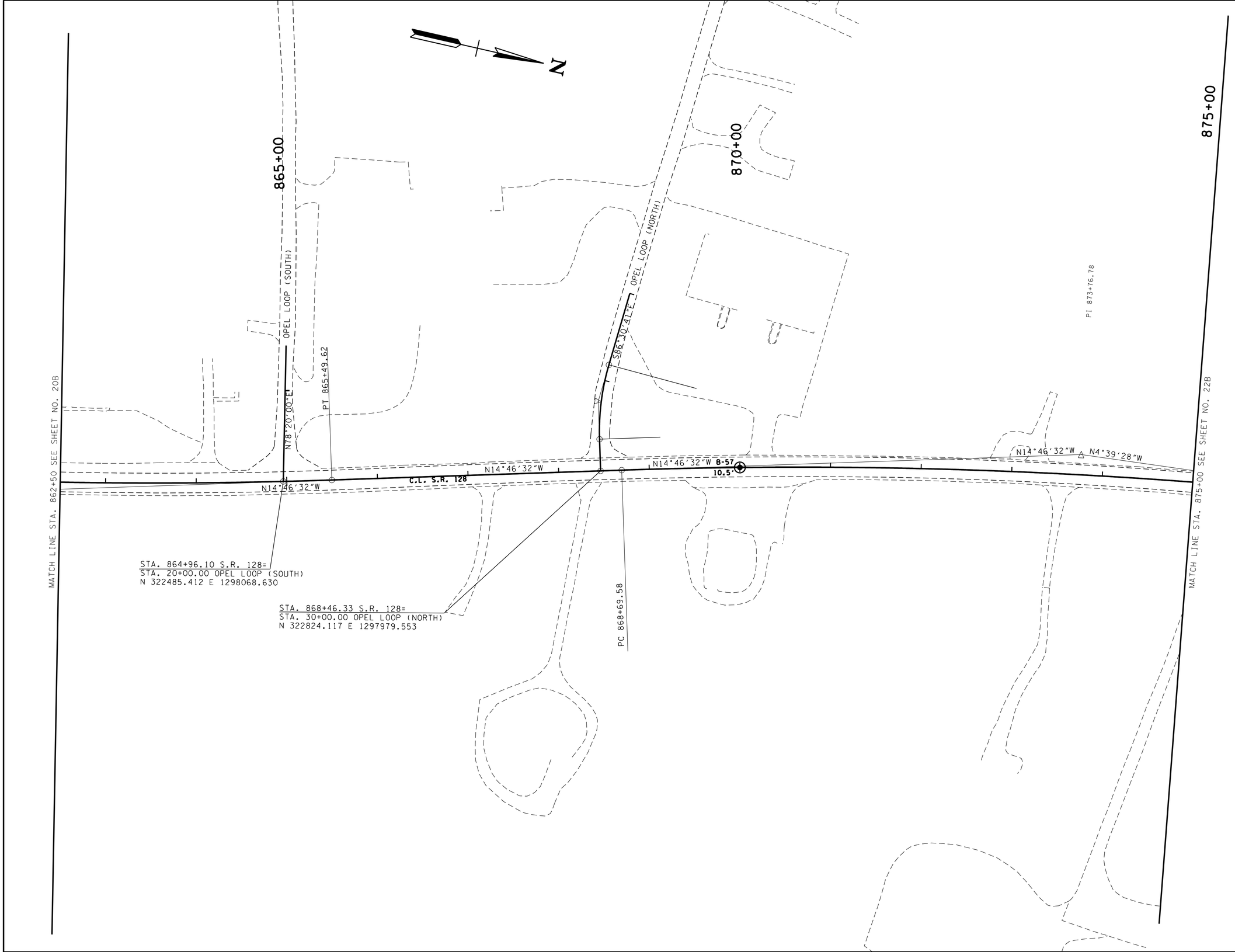
PROFILE

STA. 850+00 TO STA. 862+50

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

2/17/2015 10:55:12 AM
t:\projects\transportation\drafting\jobs\civil\0518\construction02\028A.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	21B
CONST.	2015	NH-128(27)	28B



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD83/93, ARE DATUM ADJUSTED BY THE FACTOR OF 1.00001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 862+50 TO STA. 875+00

SCALE: 1"= 50'

2/17/2015 10:55:14 AM
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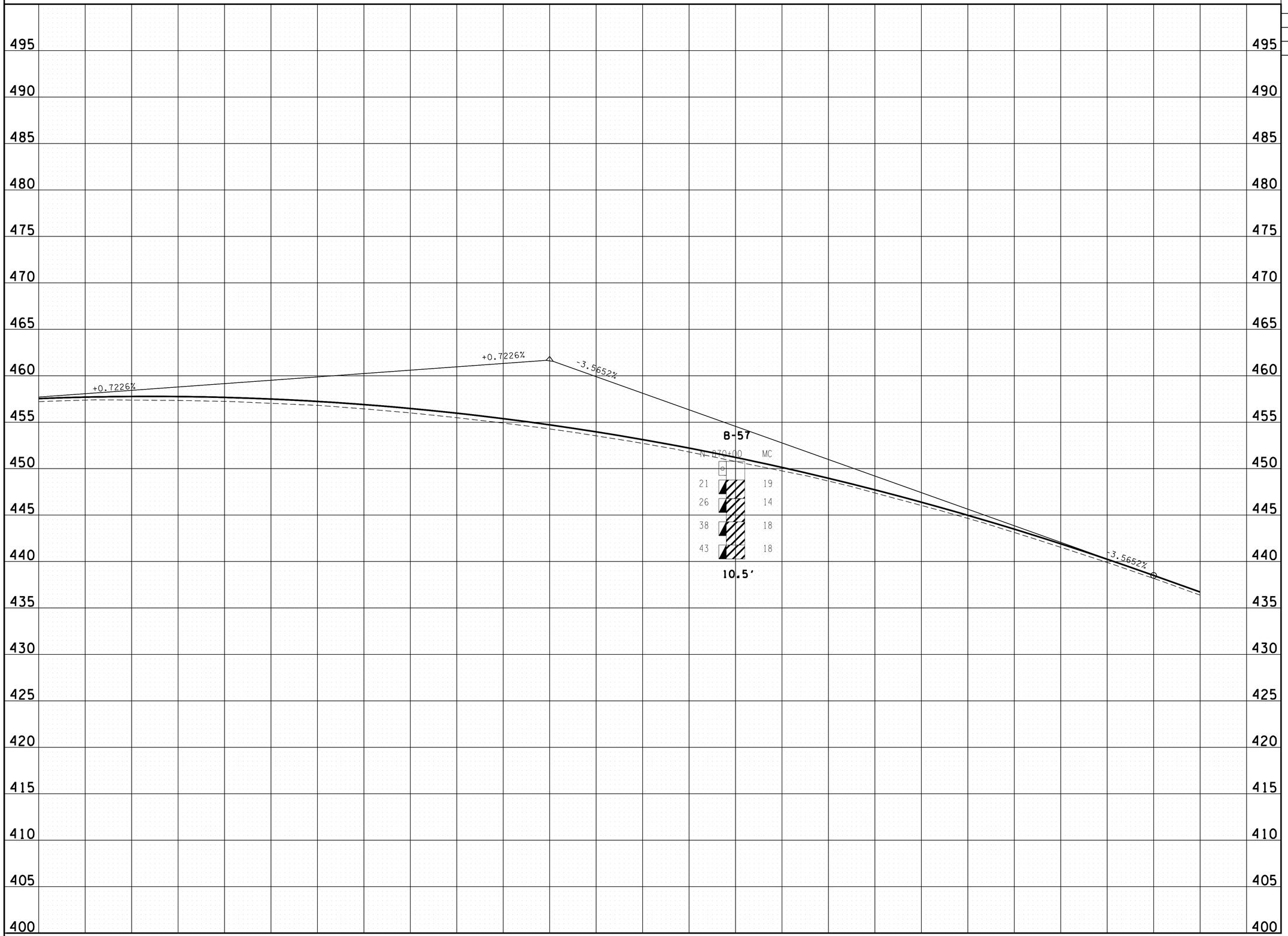
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	21C
CONST.	2015	NH-128(27)	28C



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 867+50 TO STA. 875+00

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

2/17/2015 10:55:16 AM
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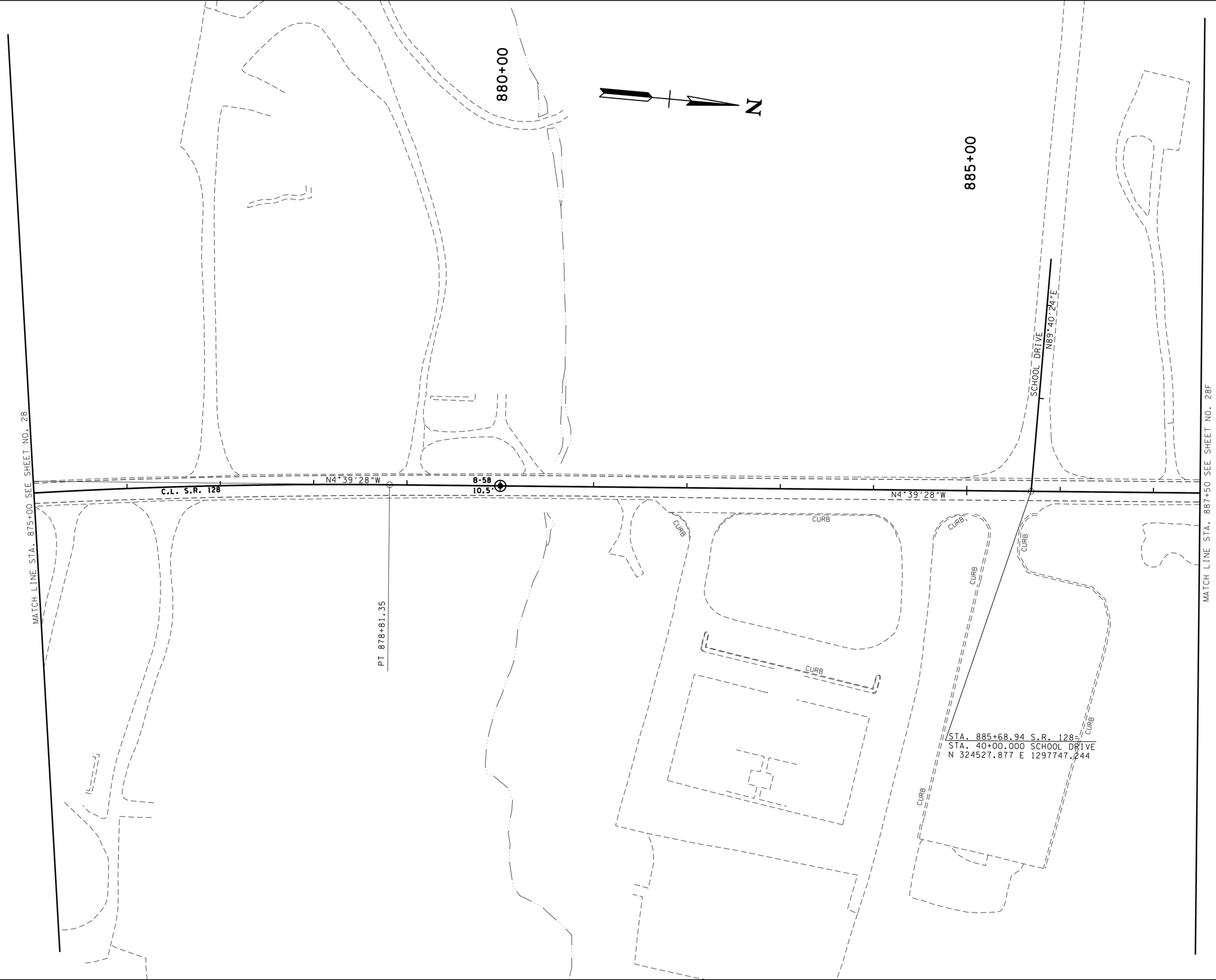
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	22B
CONST.	2015	NH-128(27)	28D



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 875+00 TO STA. 887+50

SCALE: 1"= 50'

2/17/2015 10:55:19 AM
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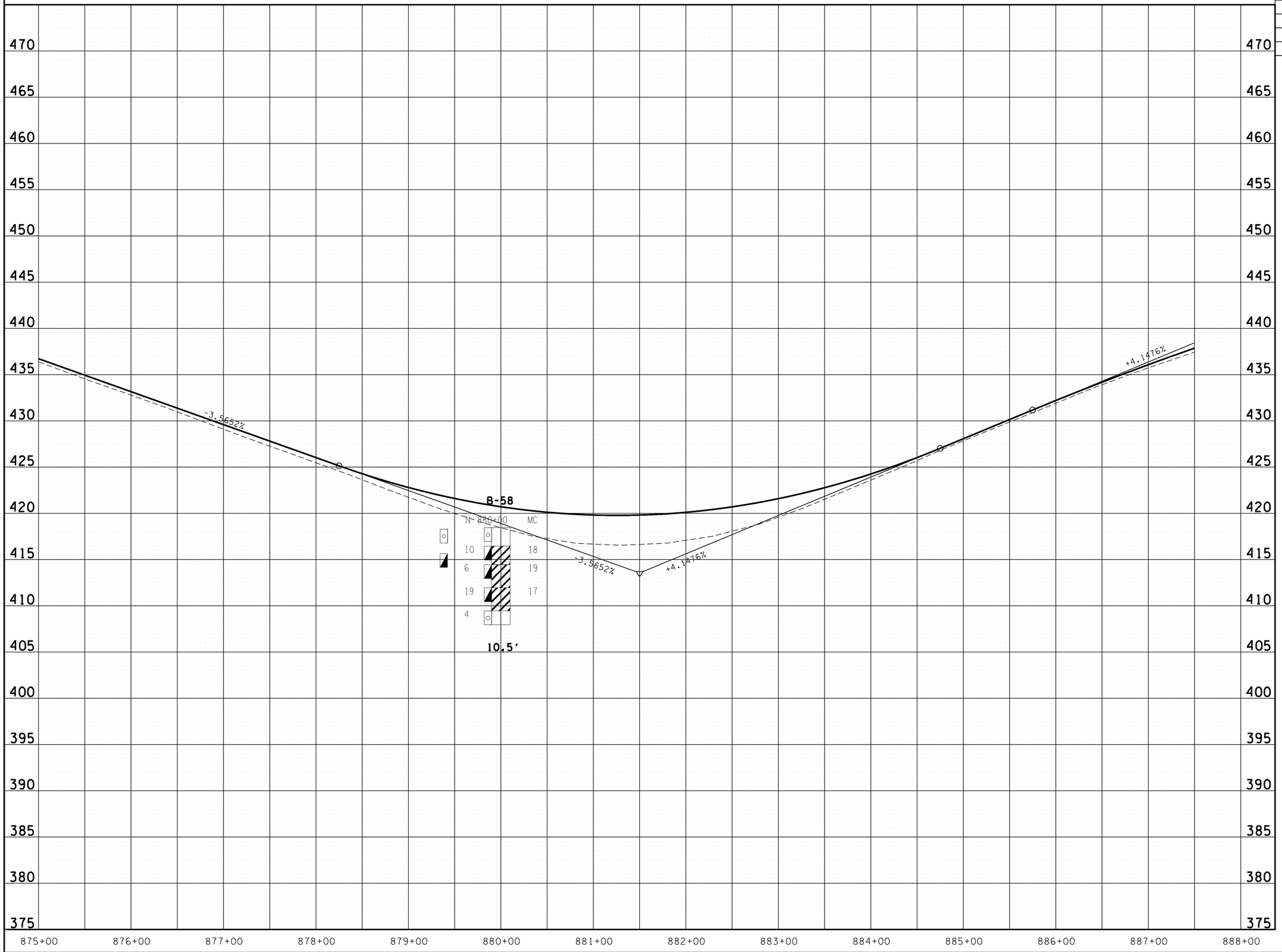
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	22C
CONST.	2015	NH-128(27)	28E



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 875+00 TO STA. 887+50

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

2/17/2015 10:55:21 AM
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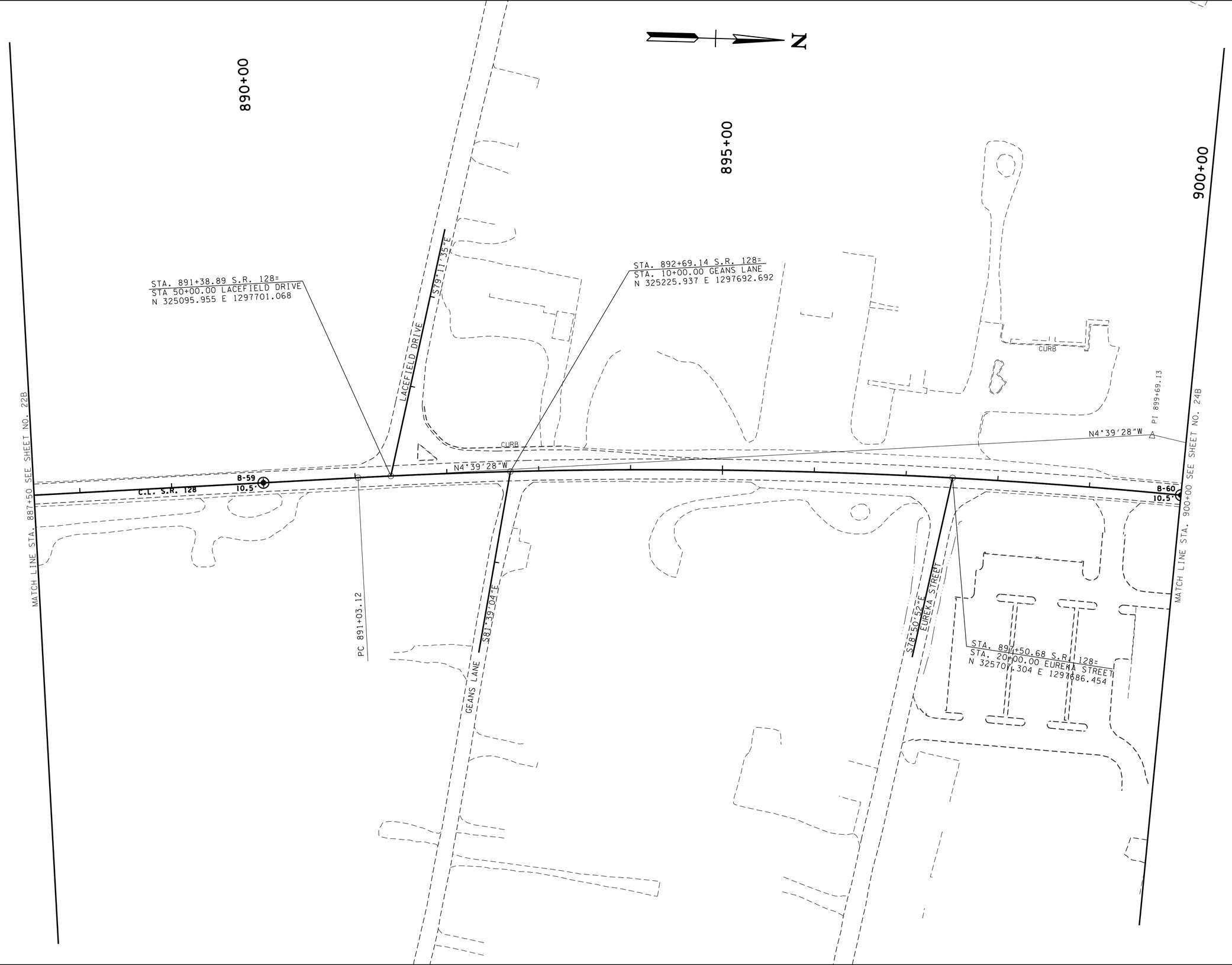
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23B
CONST.	2015	NH-128(27)	28F



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 887+50 TO STA. 900+00

SCALE: 1"= 50'

2/17/2015 10:55:24 AM
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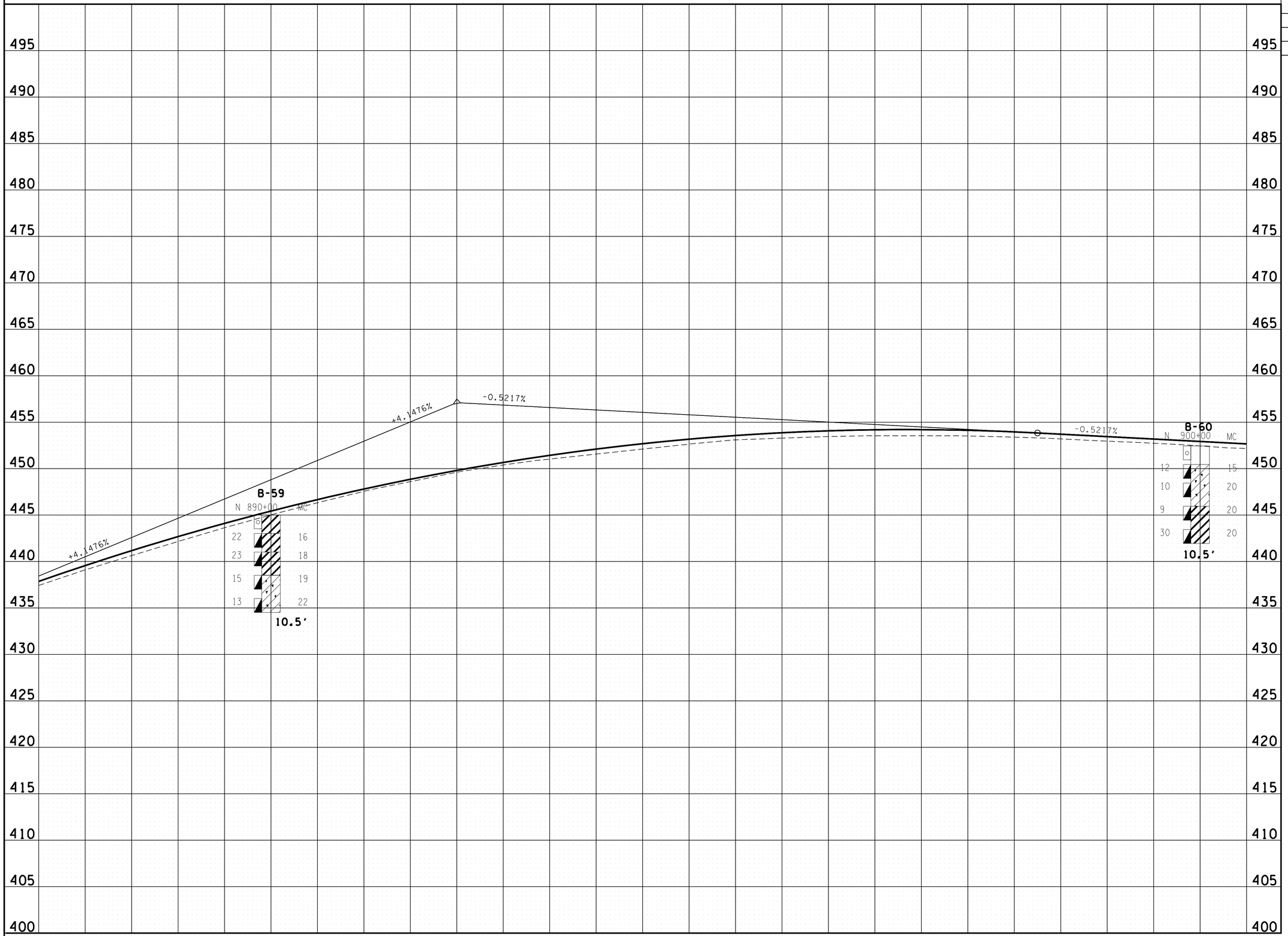
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	23C
CONST.	2015	NH-128(27)	28G



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 887+50 TO STA. 900+00

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

2/17/2015 10:55:26 AM
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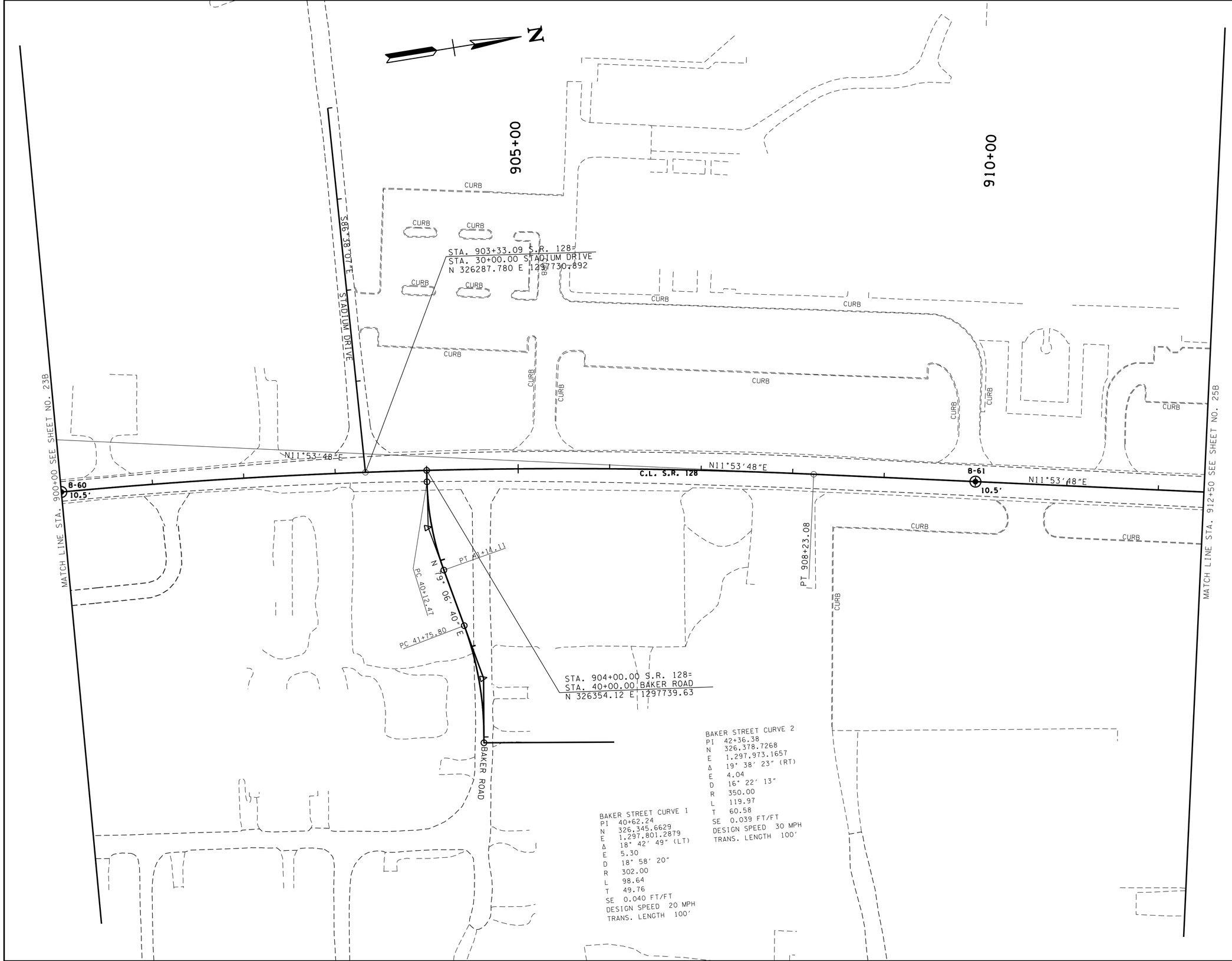
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24B
CONST.	2015	NH-128(27)	28H



BAKER STREET CURVE 1
PI 40+62.24
N 326,345.6629
E 1,297,801.2879
Δ 18° 42' 49" (LT)
E 5.30
D 18° 58' 20"
R 302.00
L 98.64
T 49.76
SE 0.040 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 100'

BAKER STREET CURVE 2
PI 42+36.38
N 326,378.7268
E 1,297,973.1657
Δ 19° 38' 23" (RT)
E 4.04
D 16° 22' 13"
R 350.00
L 119.97
T 60.58
SE 0.039 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100'

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 900+00 TO STA. 912+50

SCALE: 1"= 50'

2/17/2015 10:55:29 AM
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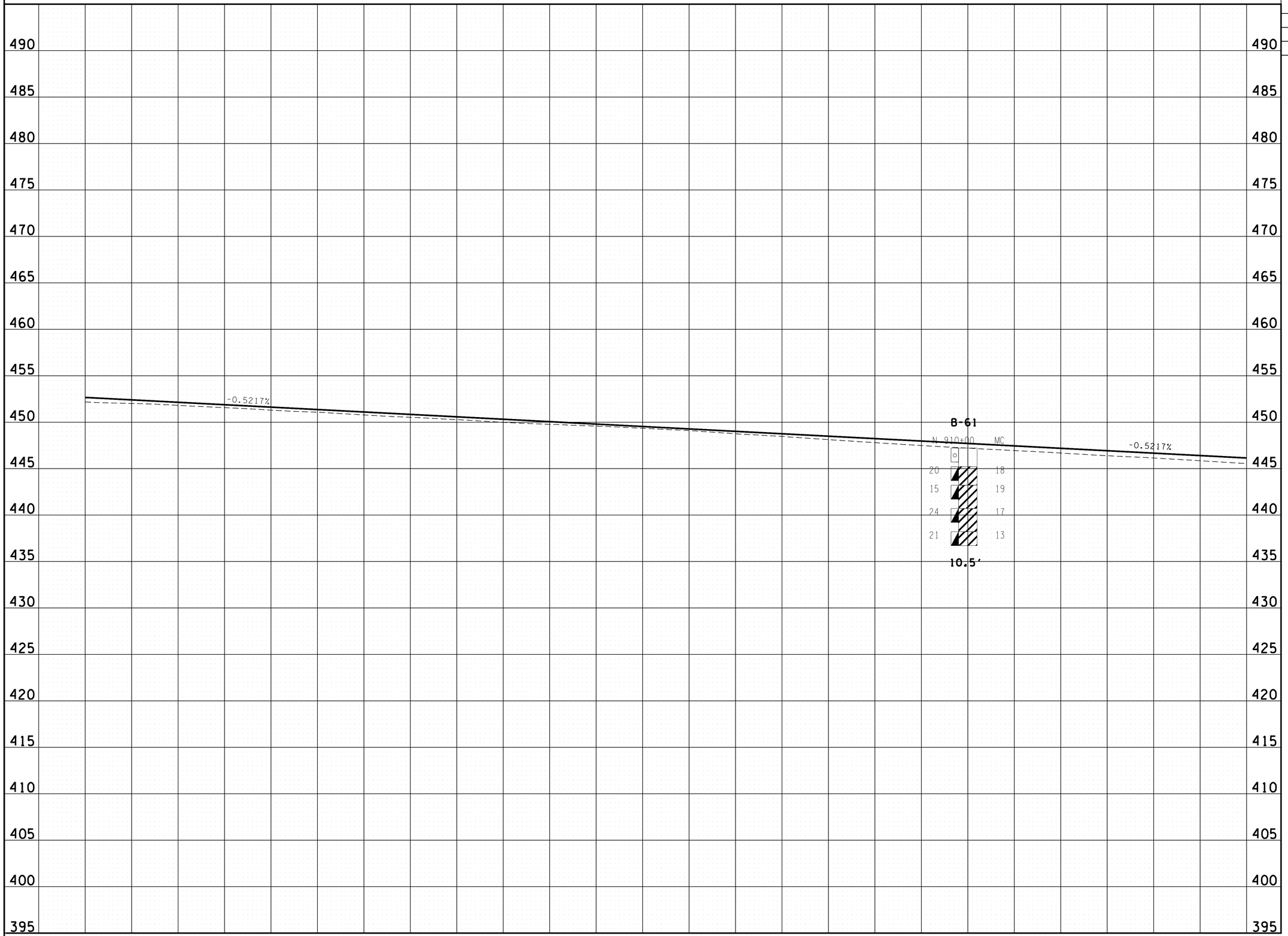
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	24C
CONST.	2015	NH-128(27)	28I



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 900+00 TO STA. 912+50

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

2/17/2015 10:55:31 AM
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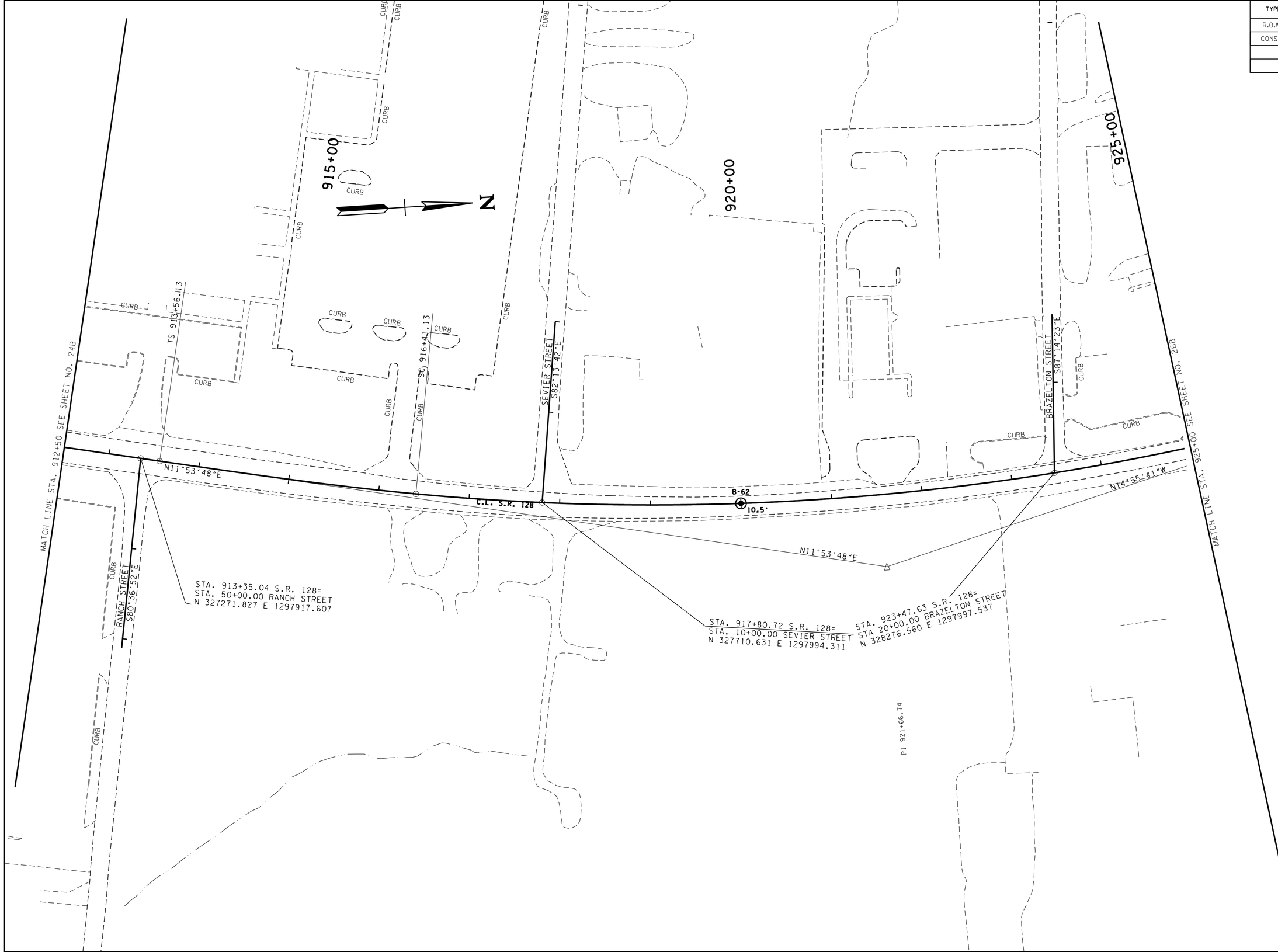
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25B
CONST.	2015	NH-128(27)	28J



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 912+50 TO STA. 925+00

SCALE: 1"= 50'

2/17/2015 10:55:33 AM
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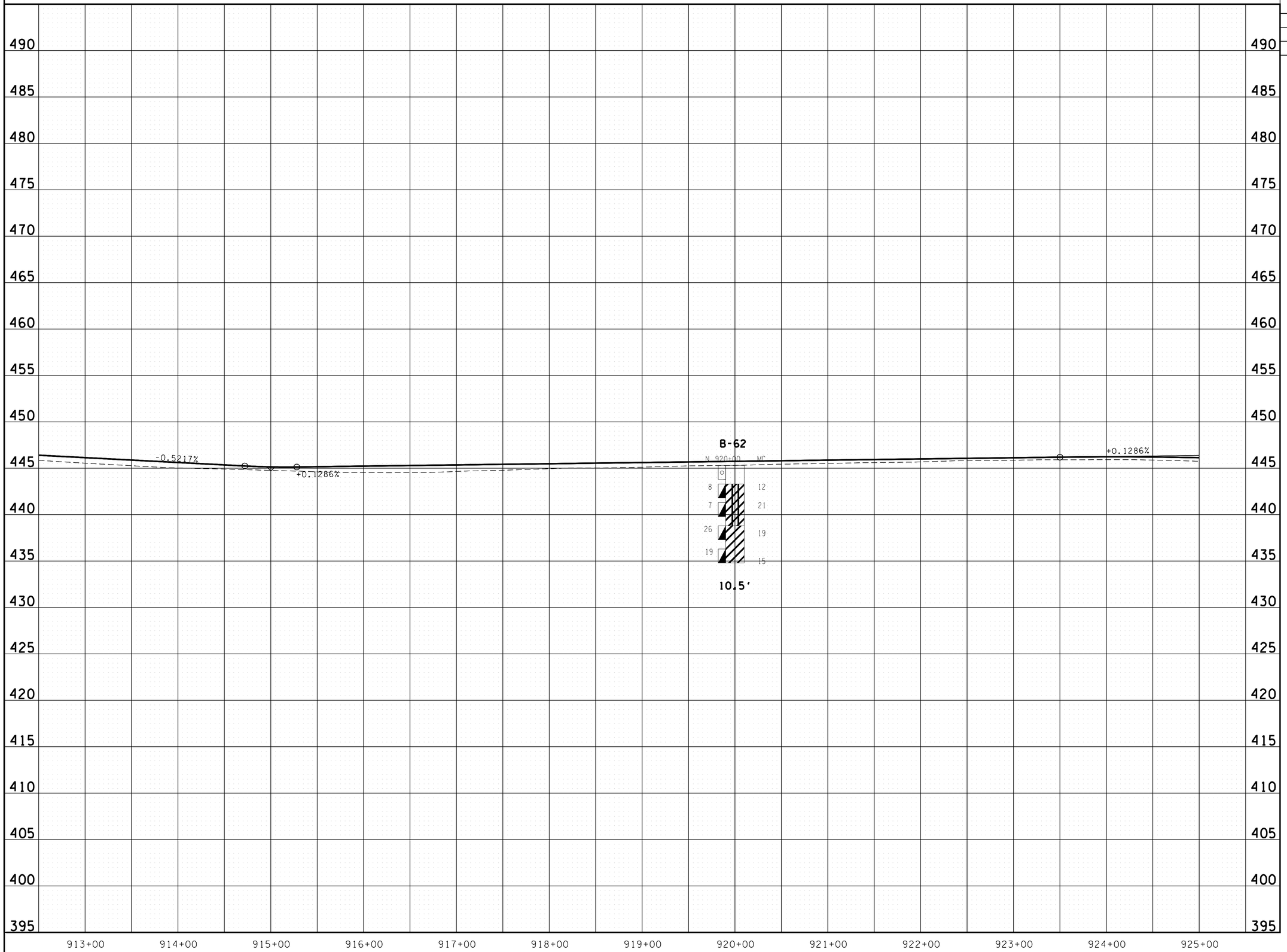
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	25C
CONST.	2015	NH-128(27)	28K



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 912+50 TO STA. 925+00

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

2/17/2015 10:55:35 AM
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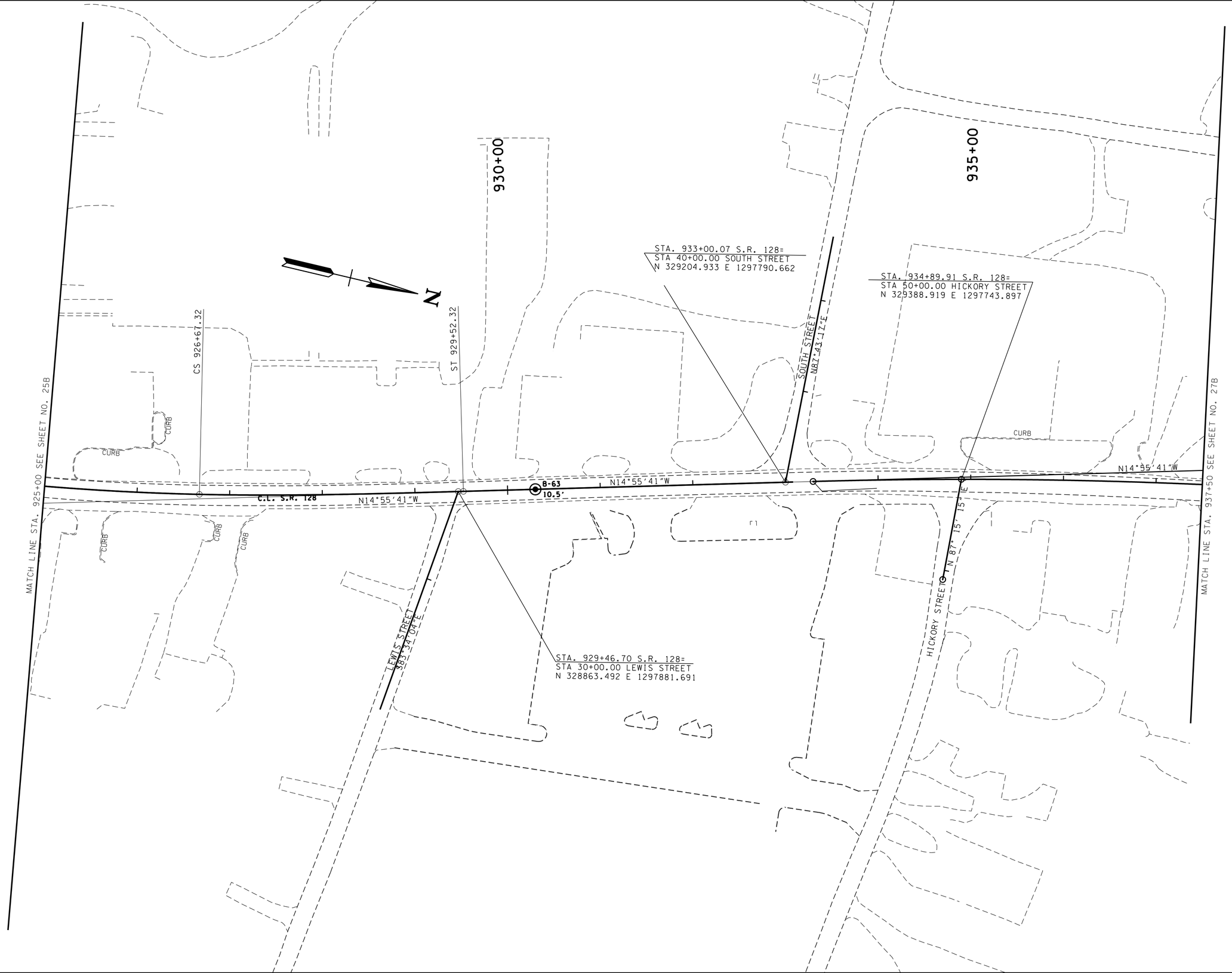
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	26B
CONST.	2015	NH-128(27)	28L



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 925+00 TO STA. 937+50

SCALE: 1"= 50'

2/17/2015 10:55:37 AM
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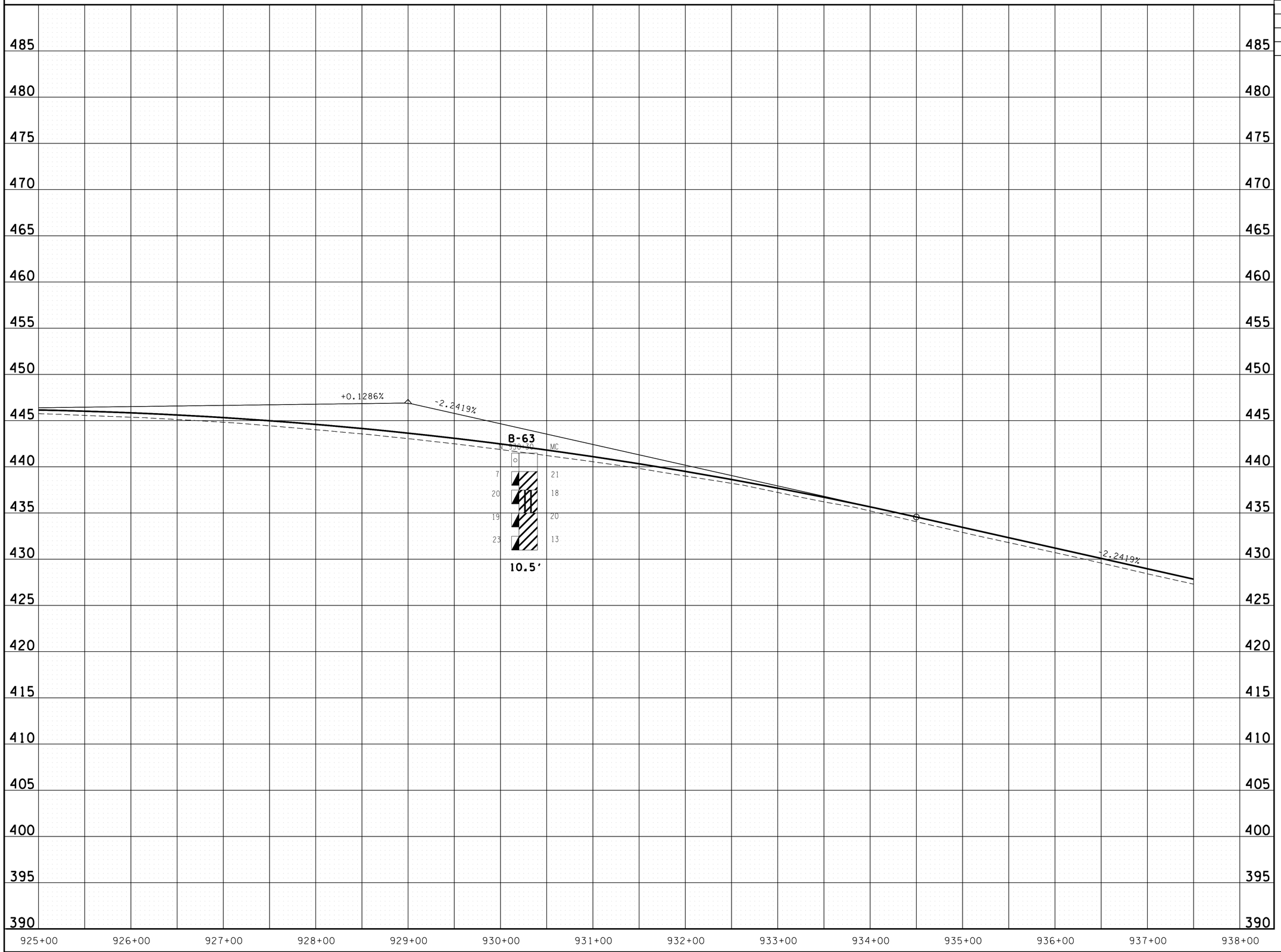
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	26C
CONST.	2015	NH-128(27)	28M



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 925+00 TO STA. 937+50

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

2/17/2015 10:55:39 AM
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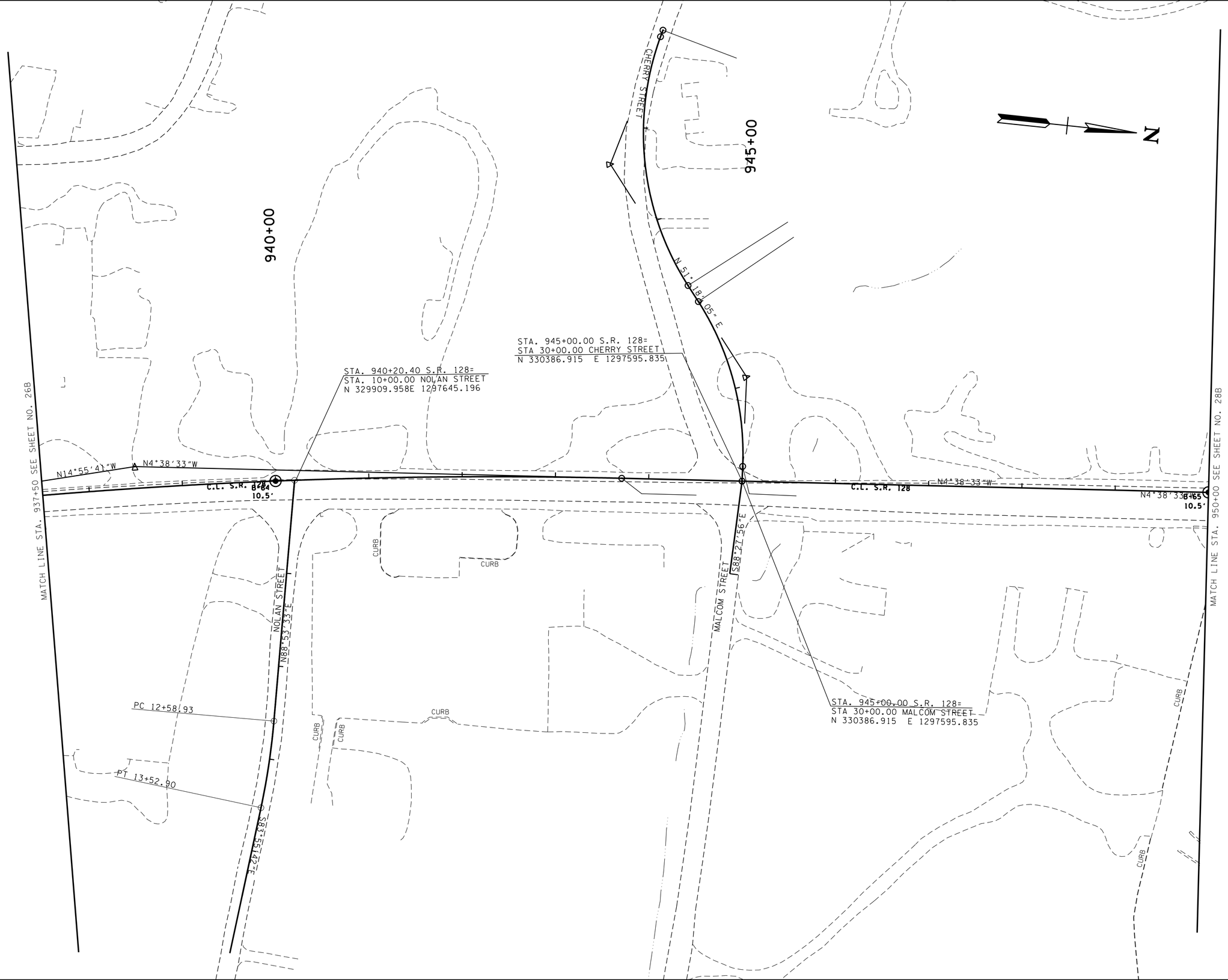
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	27B
CONST.	2015	NH-128(27)	28N



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 937+50 TO STA. 950+00

SCALE: 1"= 50'

02/17/2015 10:55:42 AM
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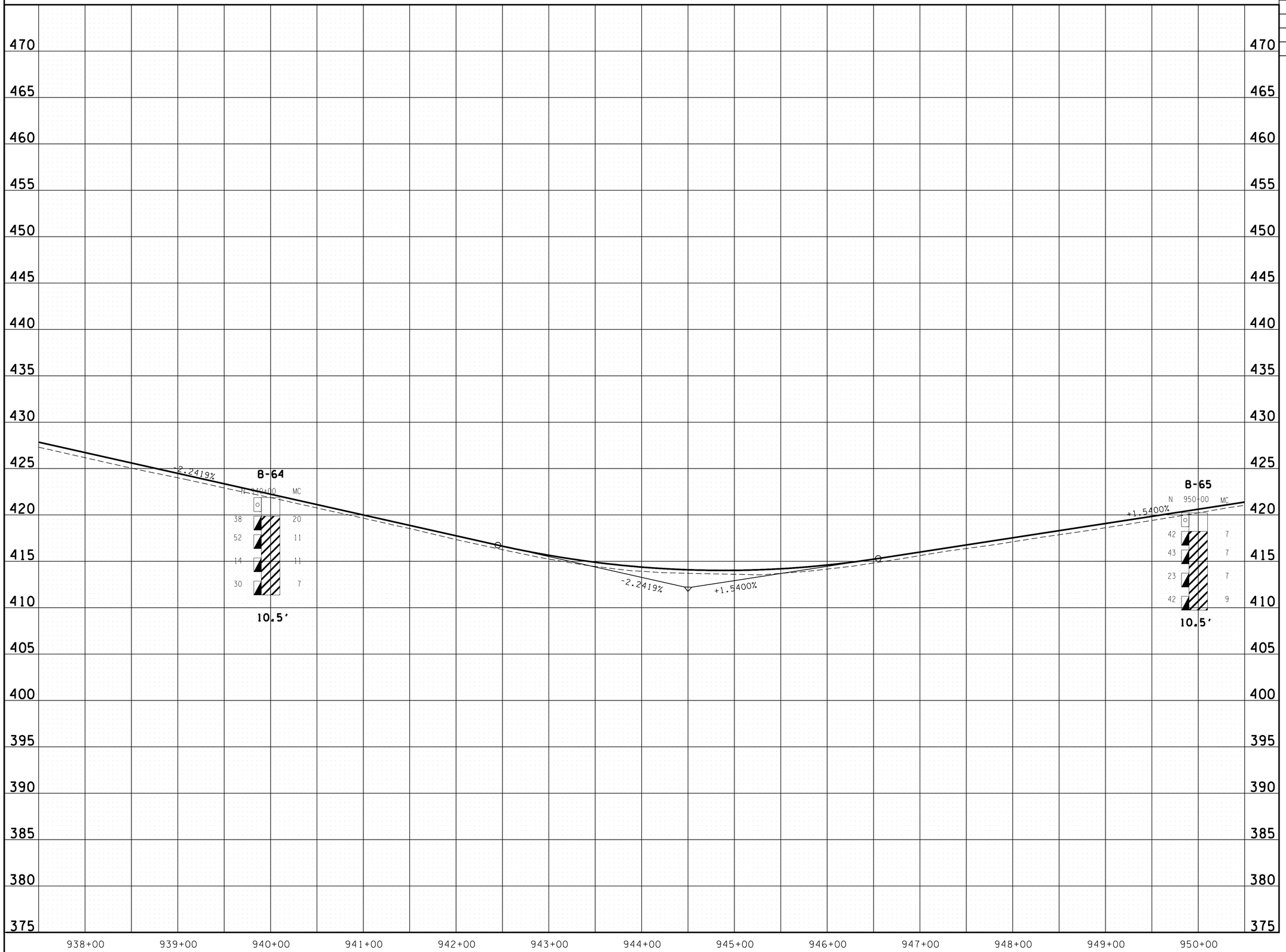
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	27C
CONST.	2015	NH-128(27)	28P



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 937+50 TO STA. 950+00

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

2/17/2015 10:55:44 AM
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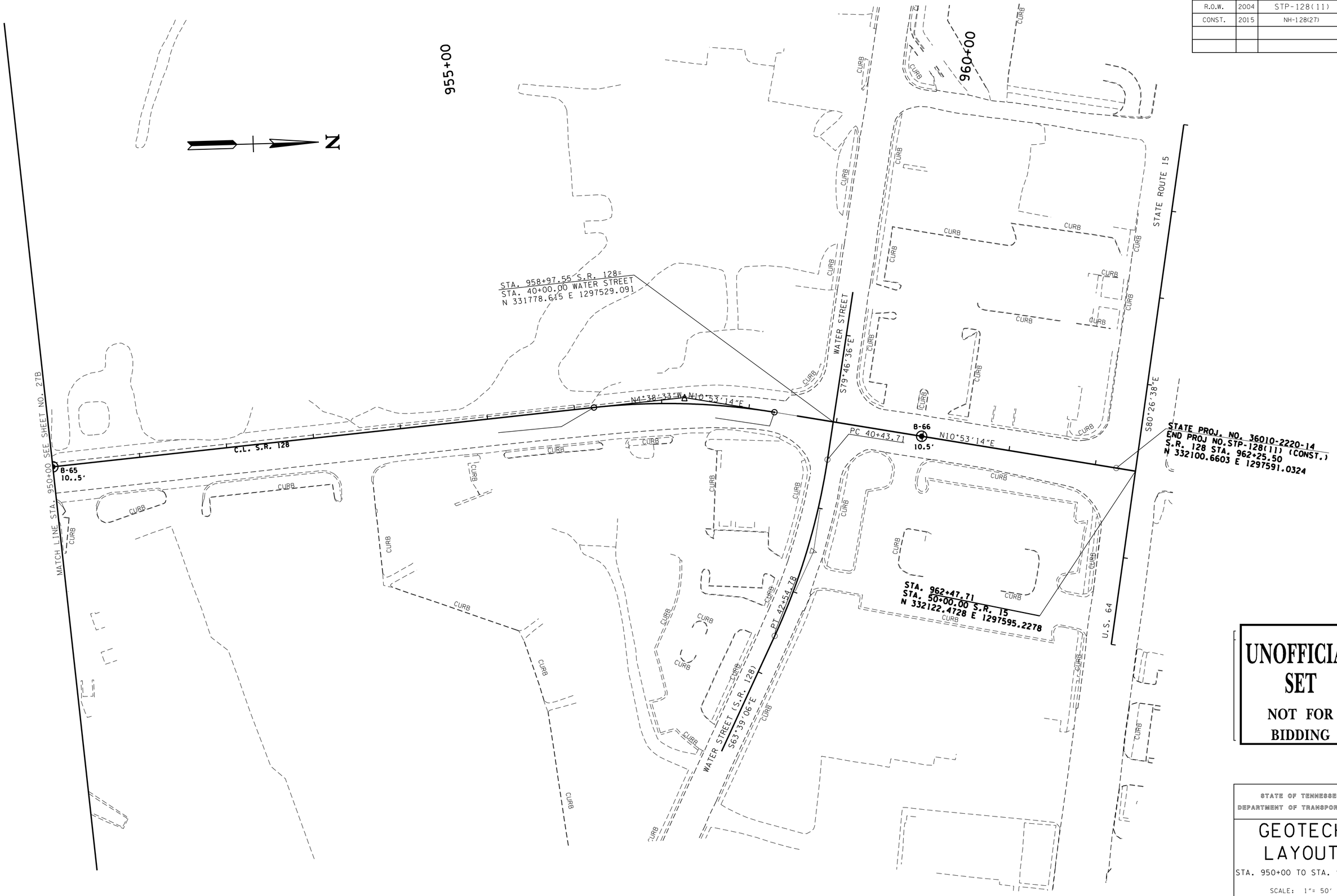
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	28B
CONST.	2015	NH-128(27)	28O



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECH LAYOUT

STA. 950+00 TO STA. 962+46

SCALE: 1"= 50'

2/17/2015 10:55:46 AM
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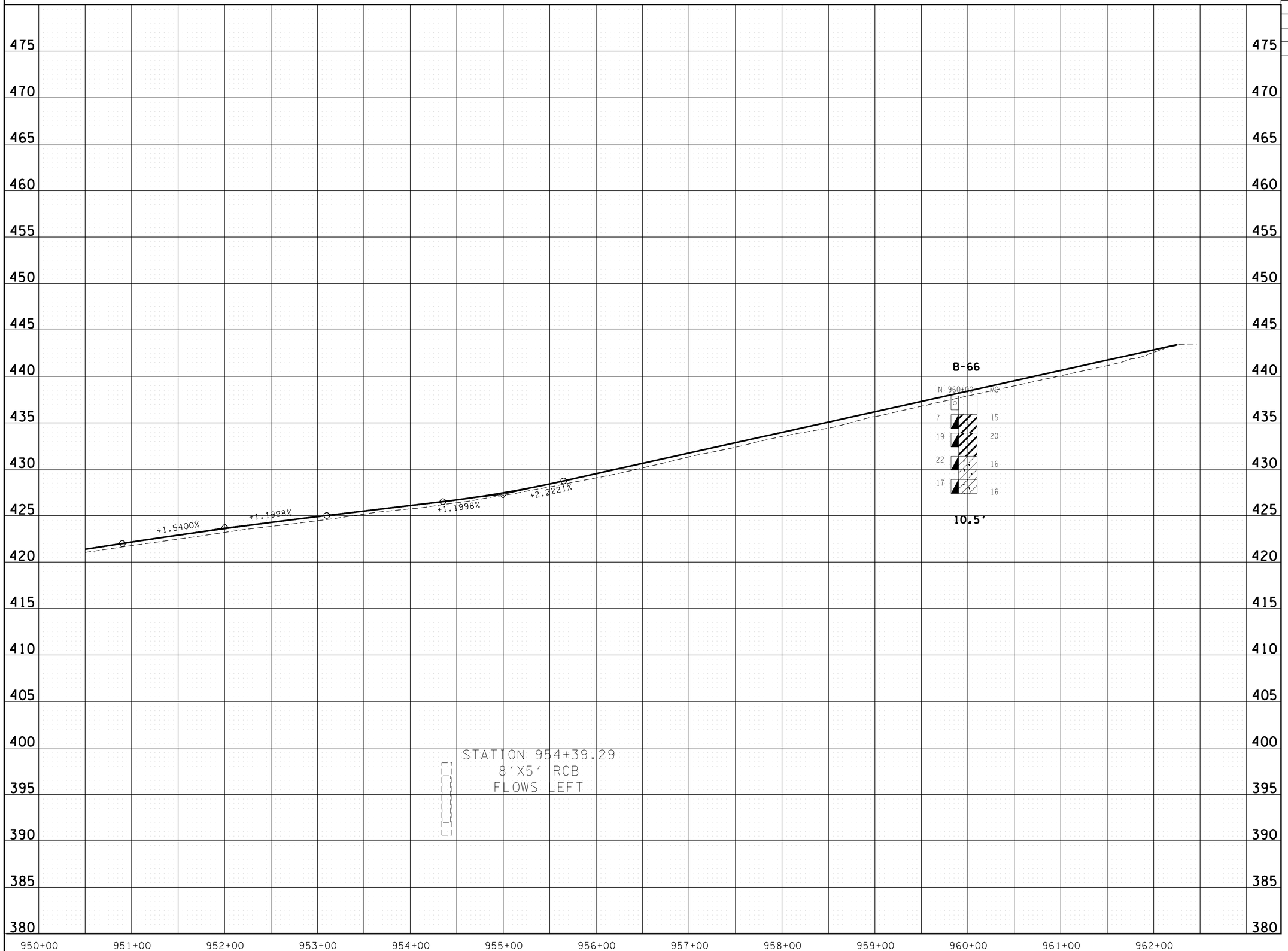
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	28C
CONST.	2015	NH-128(27)	28R



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 950+00 TO STA. 962+46

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

2/17/2015 10:55:48 AM
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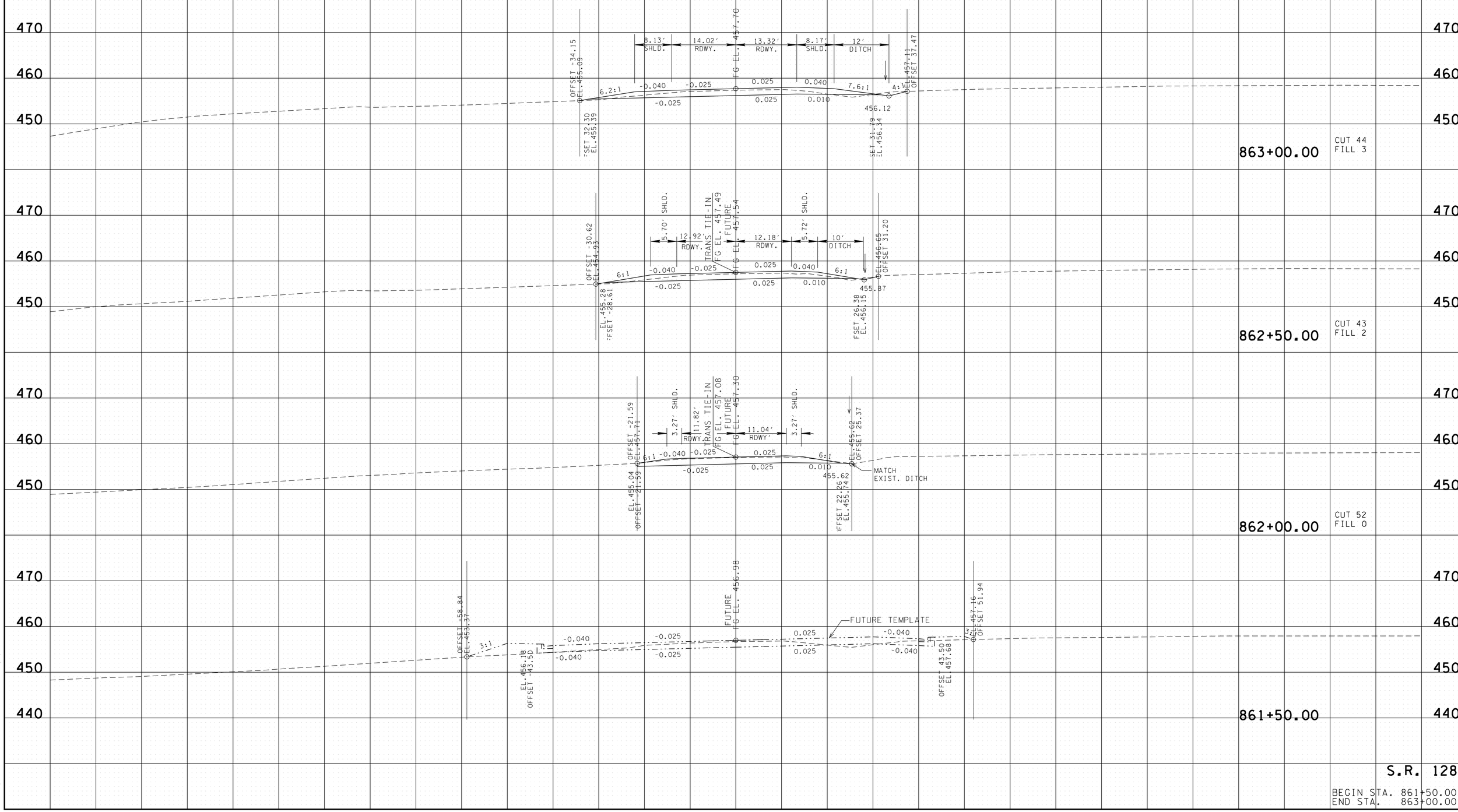
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	161
CONST.	2015	NH-128(27)	29



2/17/2015 11:11:44 AM
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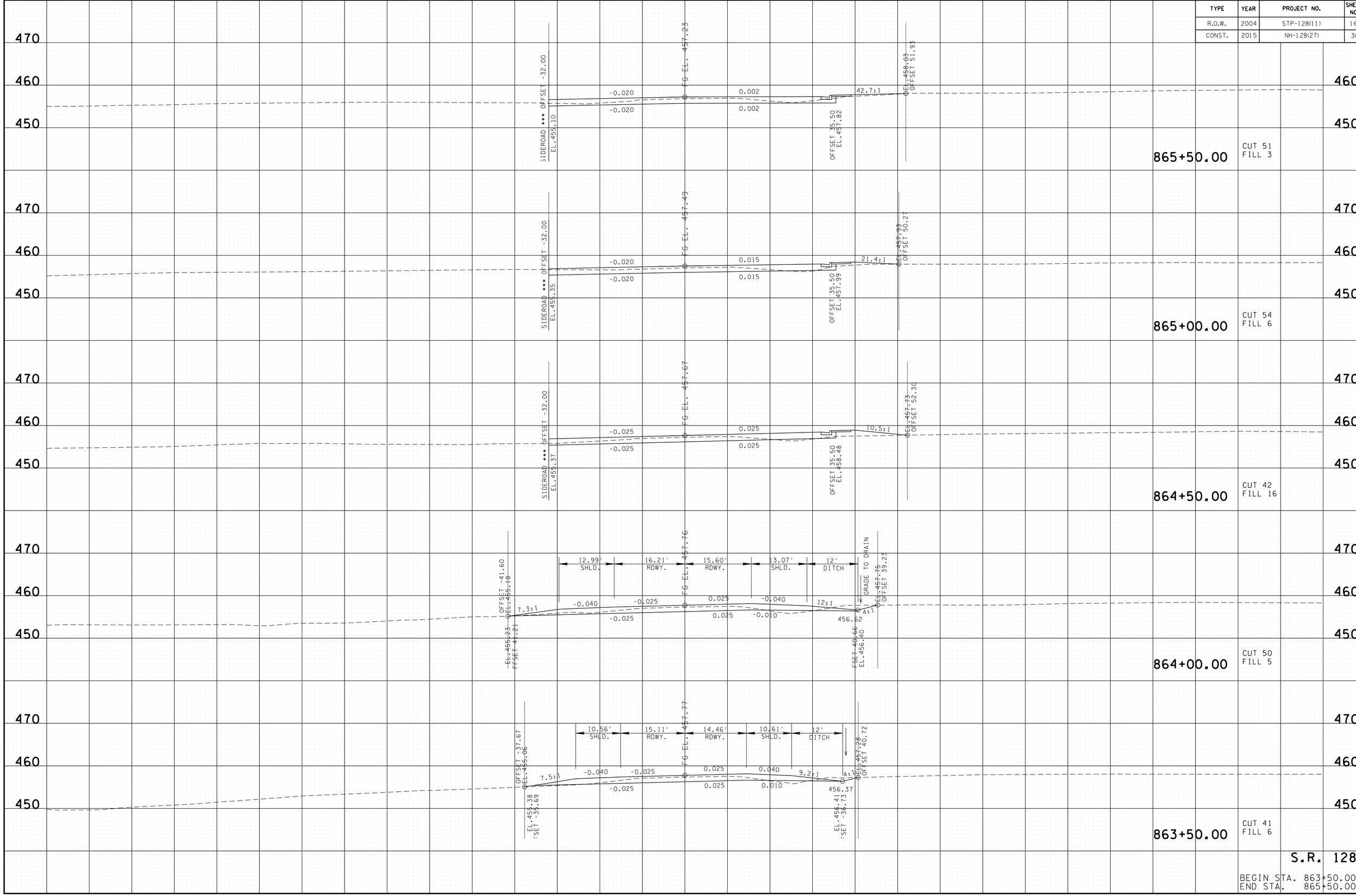
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	162
CONST.	2015	NH-128(27)	30



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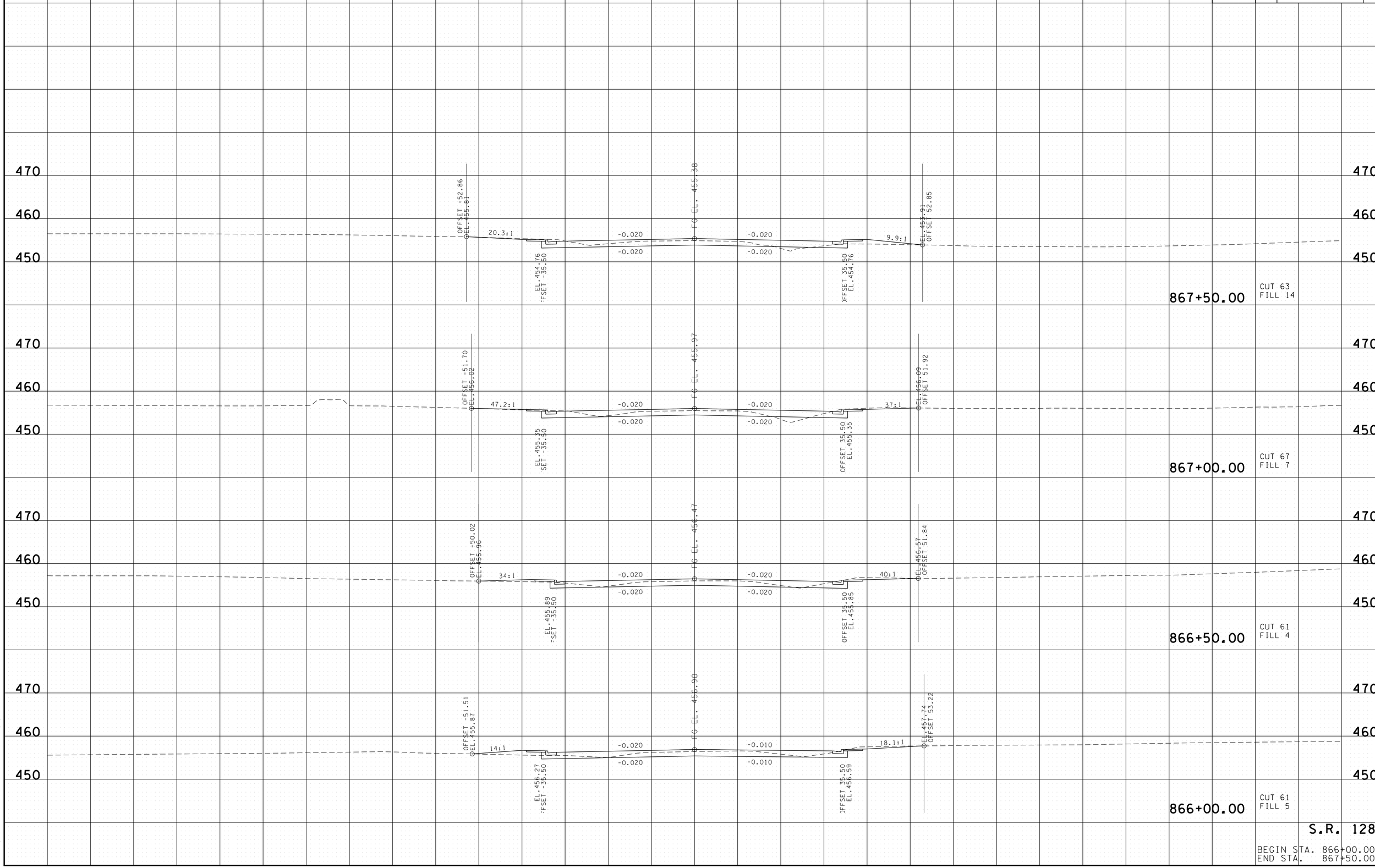
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	163
CONST.	2015	NH-128(27)	31



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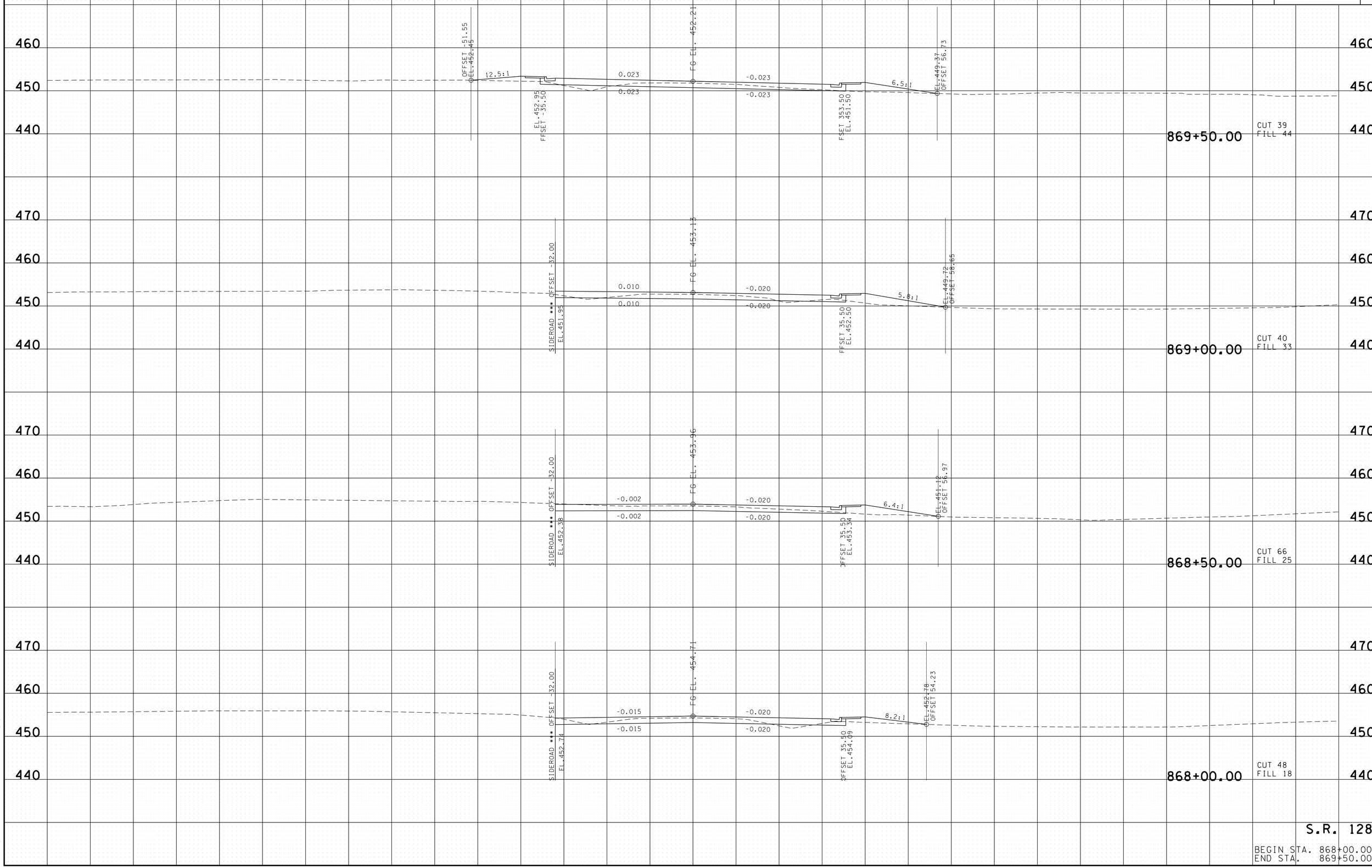
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	164
CONST.	2015	NH-128(27)	32



S.R. 128

BEGIN STA. 868+00.00
END STA. 869+50.00

2/17/2015 11:11:49 AM
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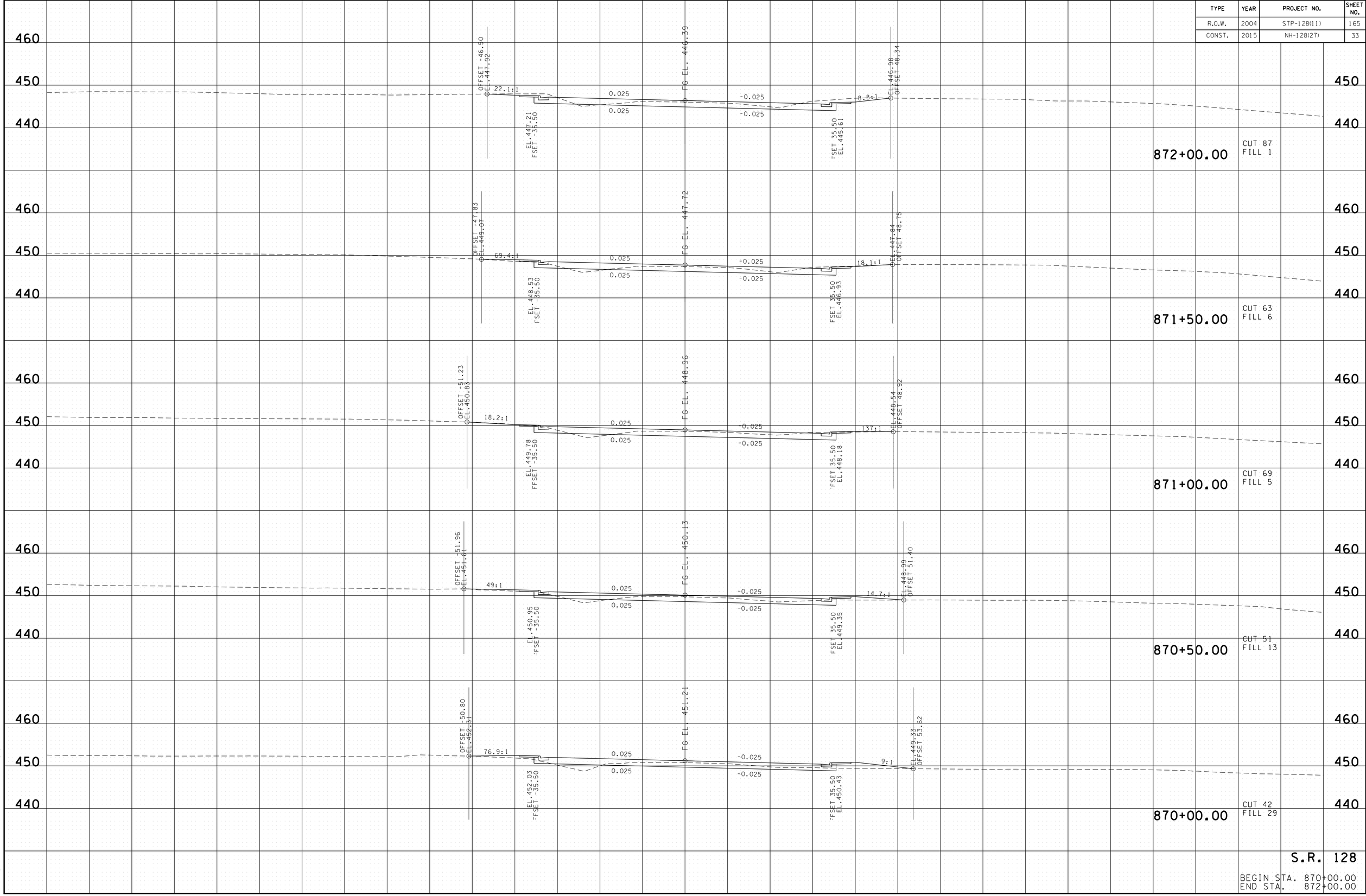
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	165
CONST.	2015	NH-128(27)	33



S.R. 128

BEGIN STA. 870+00.00
END STA. 872+00.00

2/17/2015 11:11:51 AM
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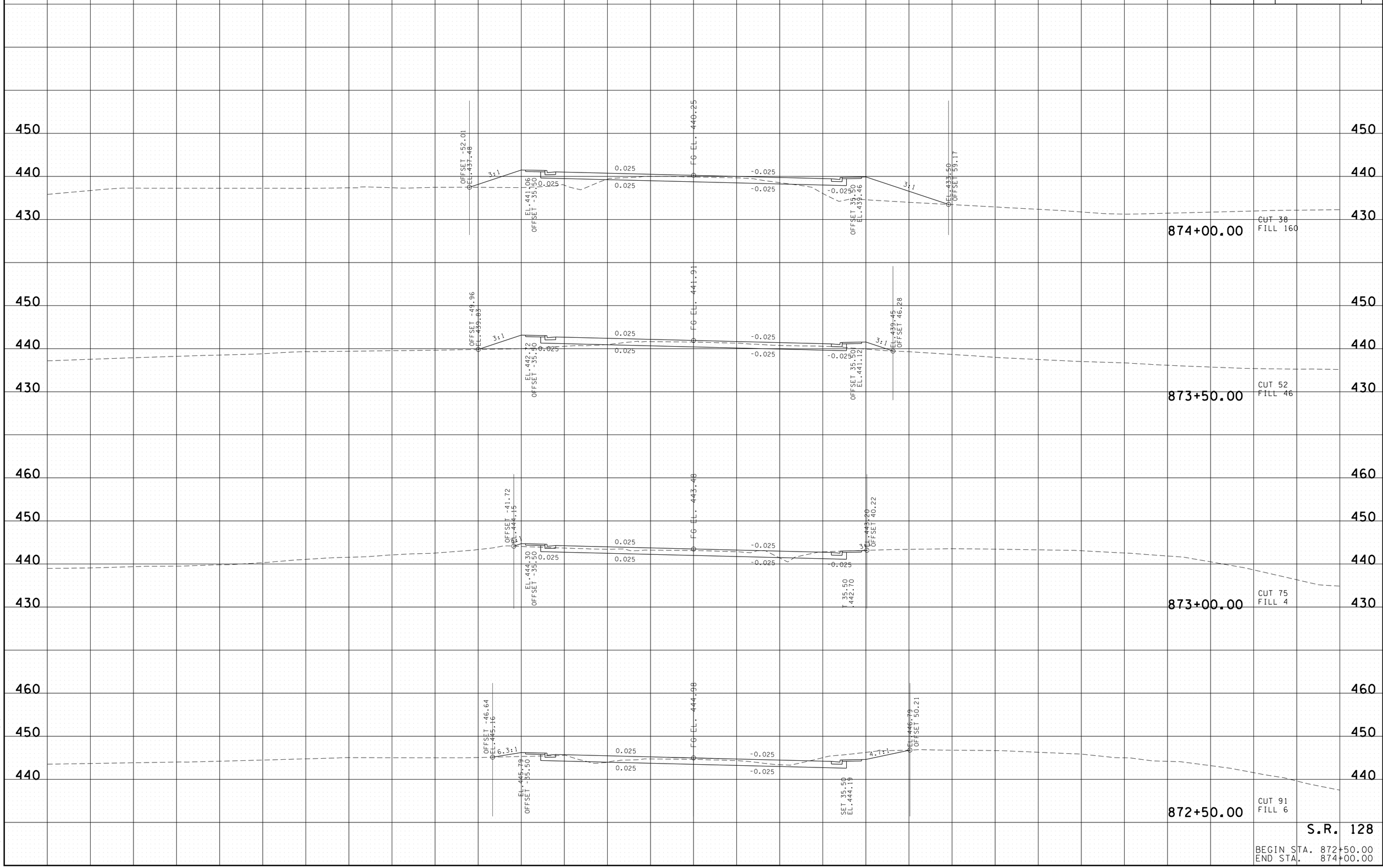
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	166
CONST.	2015	NH-128(27)	34



S.R. 128

BEGIN STA. 872+50.00
END STA. 874+00.00

2/17/2015 11:11:53 AM
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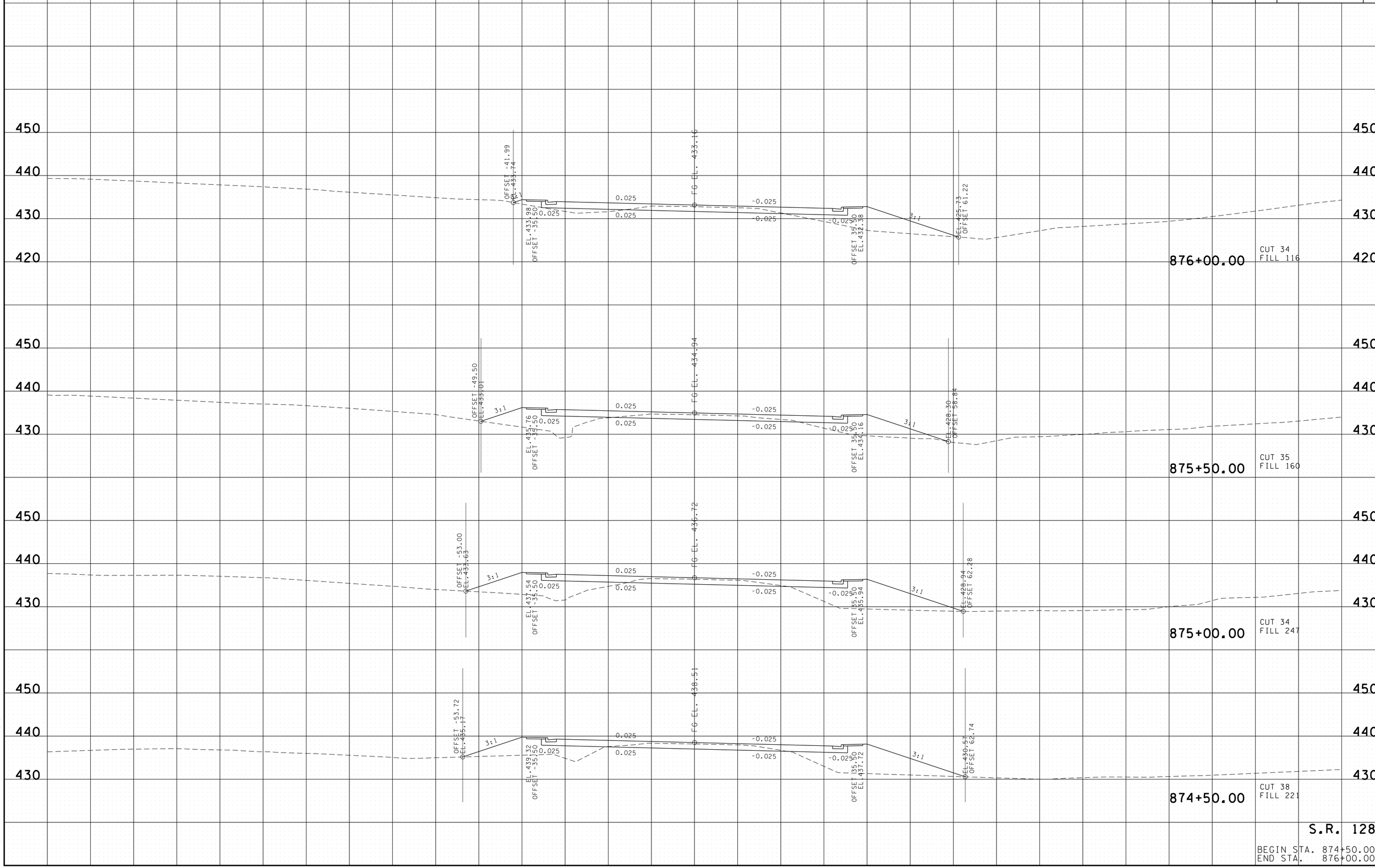
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	167
CONST.	2015	NH-128(27)	35



S.R. 128

BEGIN STA. 874+50.00
END STA. 876+00.00

2/17/2015 11:11:55 AM
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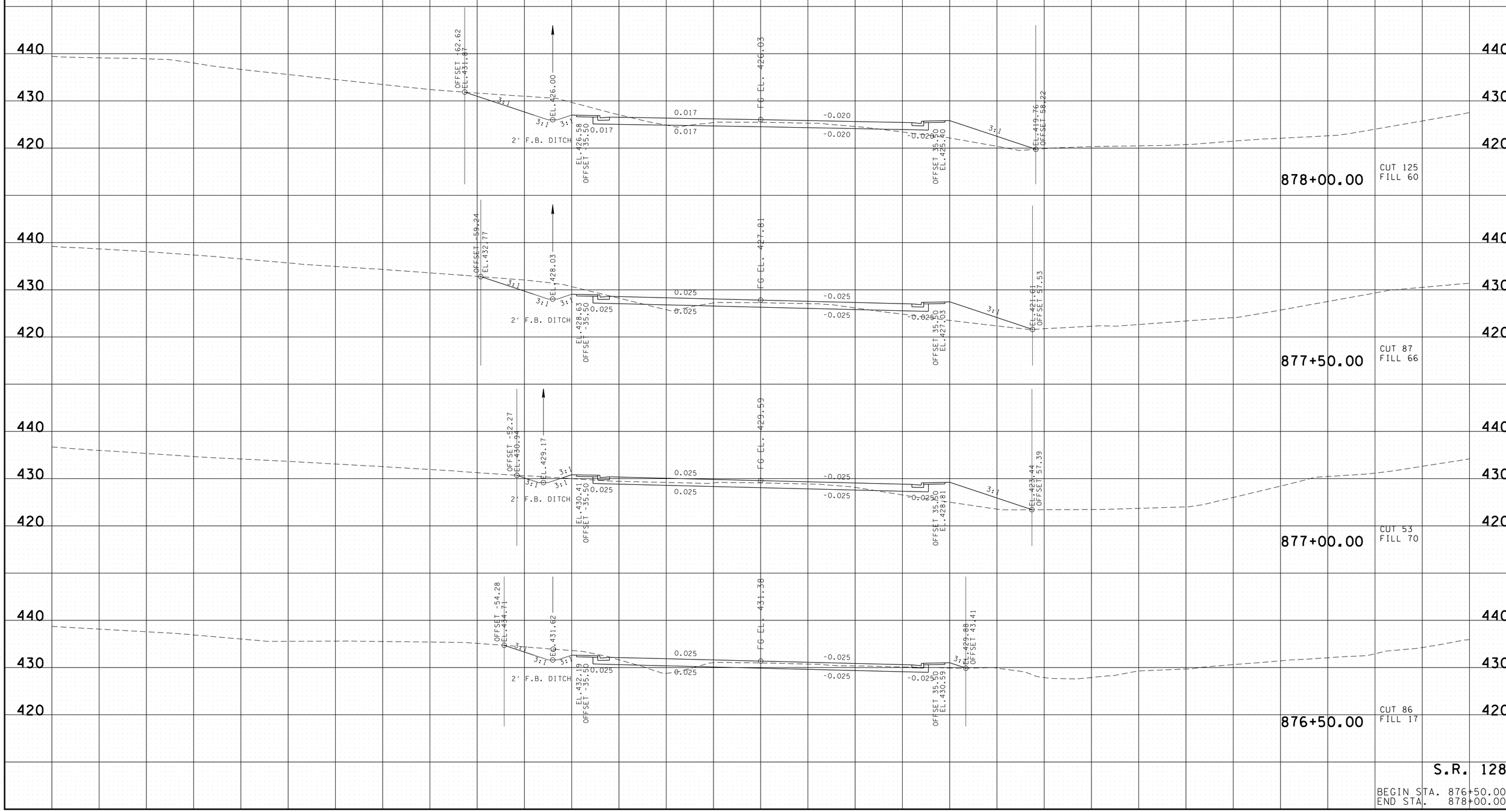
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	168
CONST.	2015	NH-128(27)	36



S.R. 128

BEGIN STA. 876+50.00
END STA. 878+00.00

2/17/2015 11:11:57 AM
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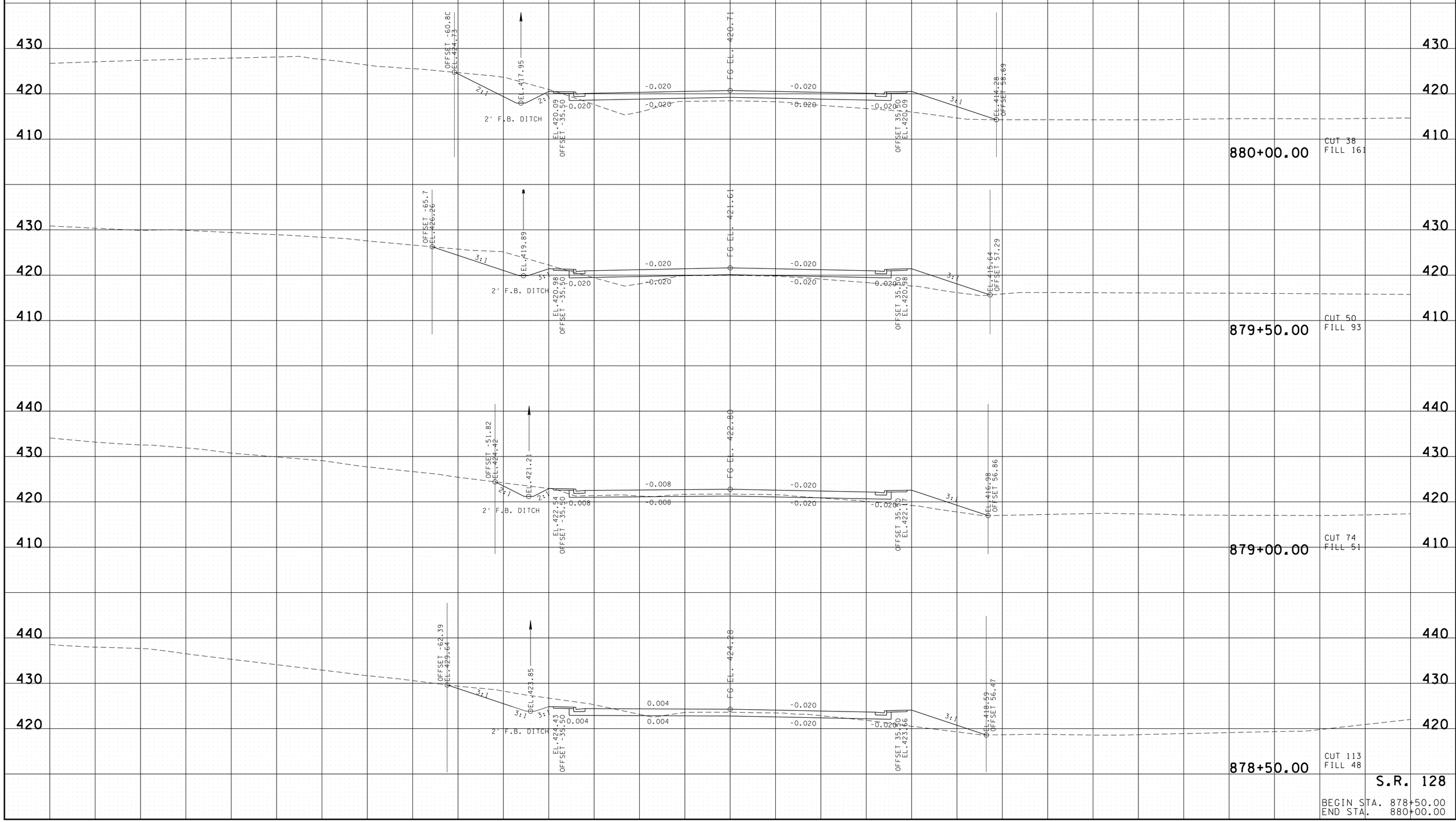
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	169
CONST.	2015	NH-128(27)	37



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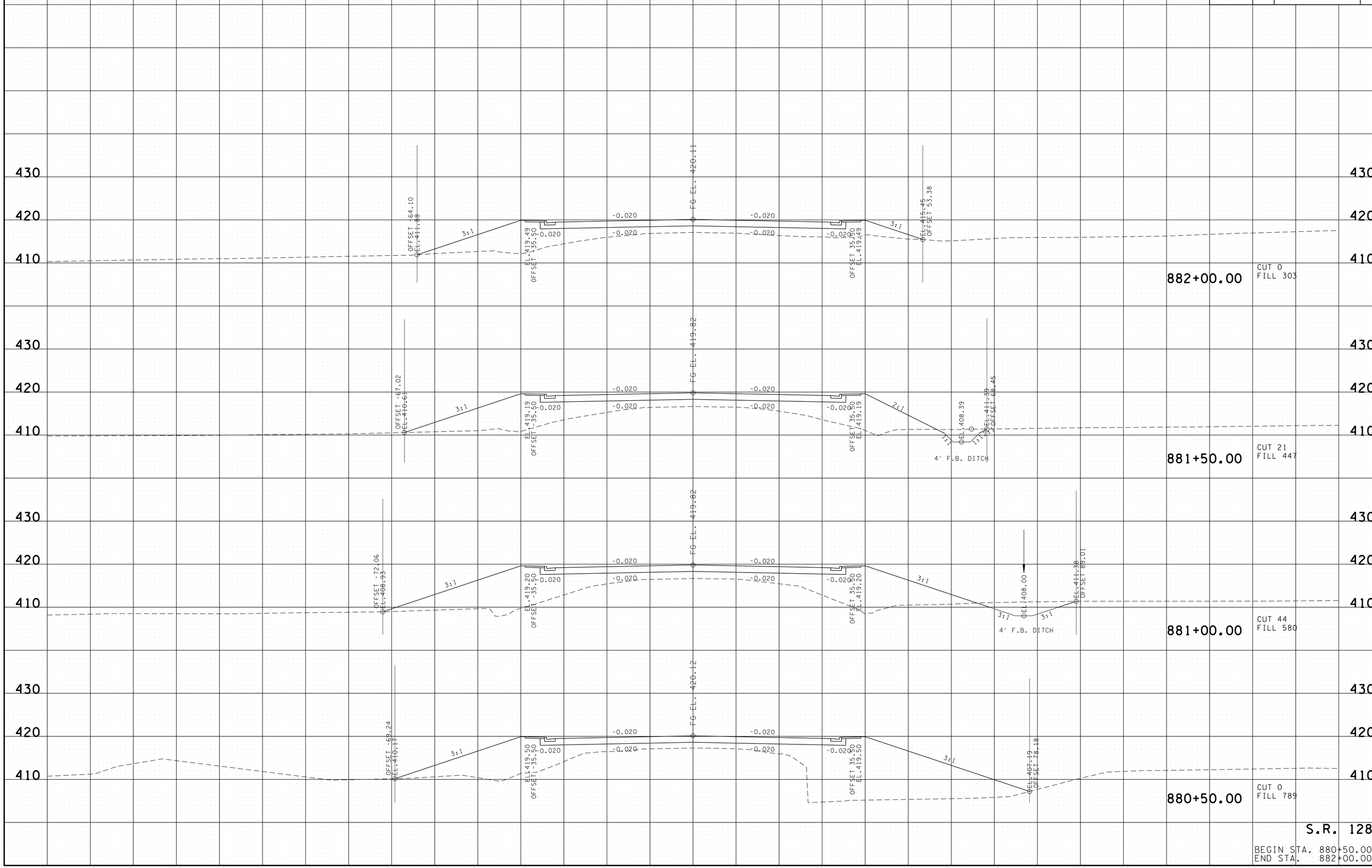
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	170
CONST.	2015	NH-128(27)	38



S.R. 128

BEGIN STA. 880+50.00
END STA. 882+00.00

2/17/2015 11:12:01 AM
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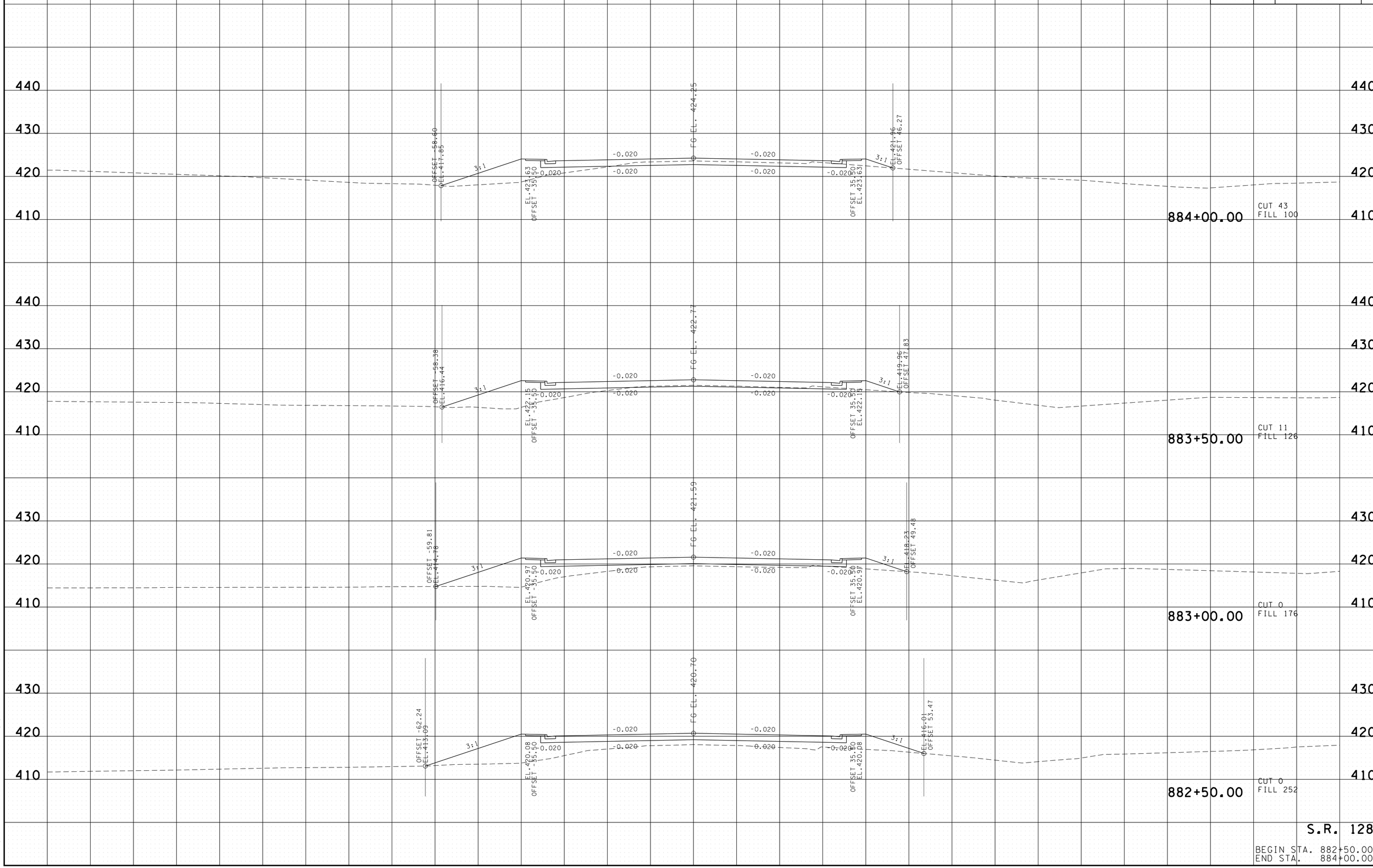
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	171
CONST.	2015	NH-128(27)	39



S.R. 128

BEGIN STA. 882+50.00
END STA. 884+00.00

2/17/2015 11:12:03 AM
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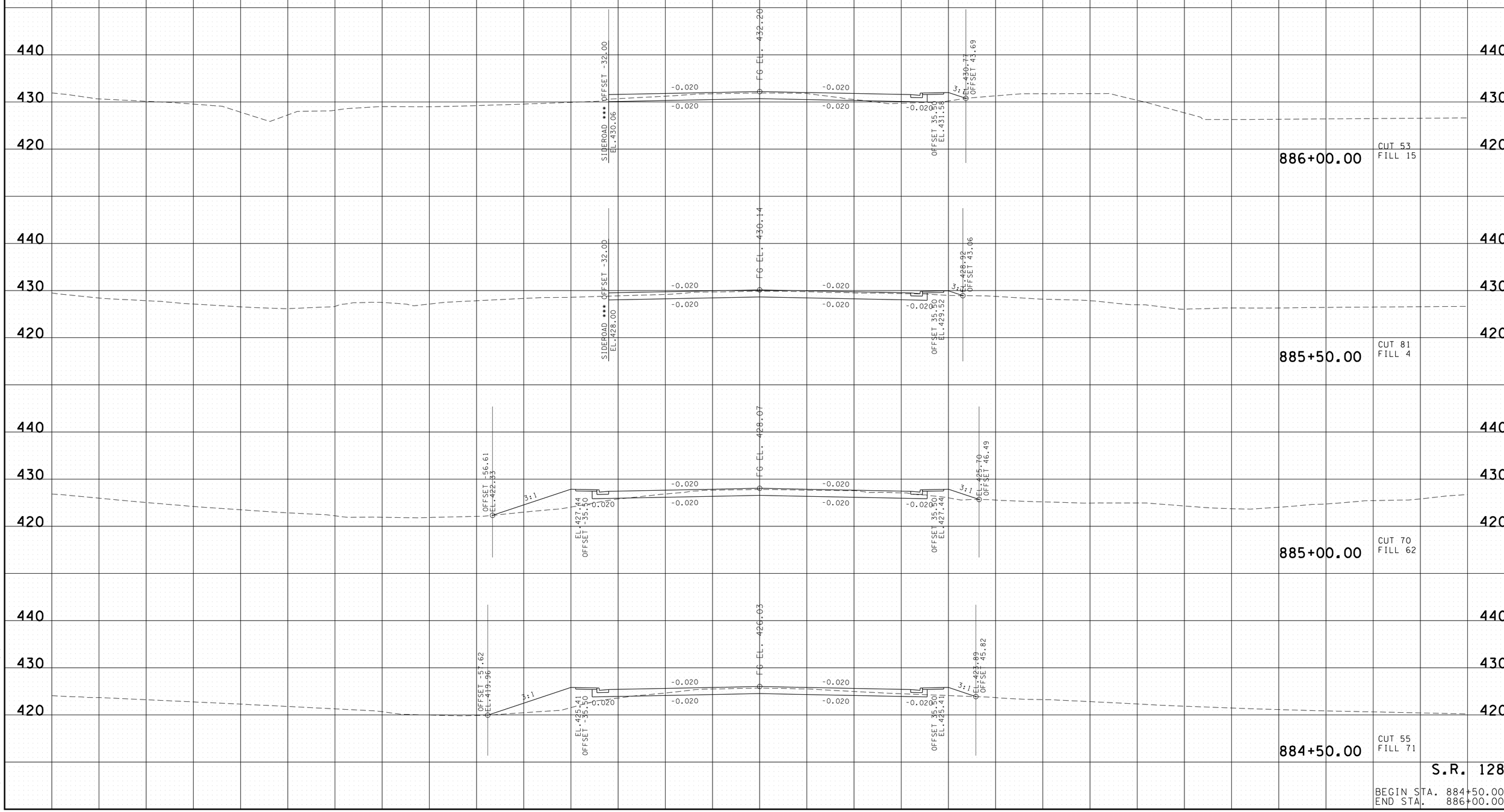
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	172
CONST.	2015	NH-128(27)	40



S.R. 128

BEGIN STA. 884+50.00
END STA. 886+00.00

2/17/2015 11:12:04 AM
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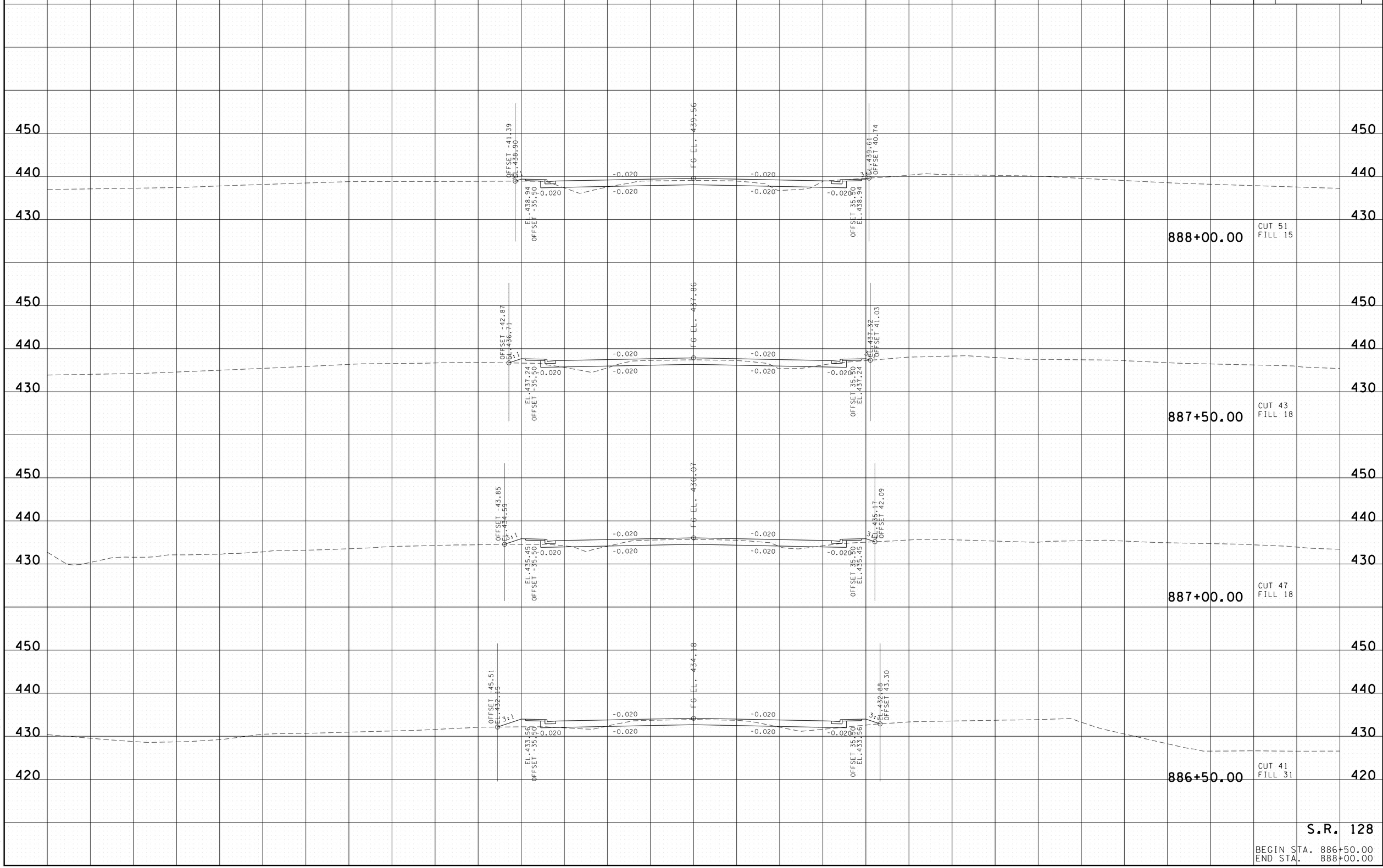
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	173
CONST.	2015	NH-128(27)	41



2/17/2015 11:12:06 AM
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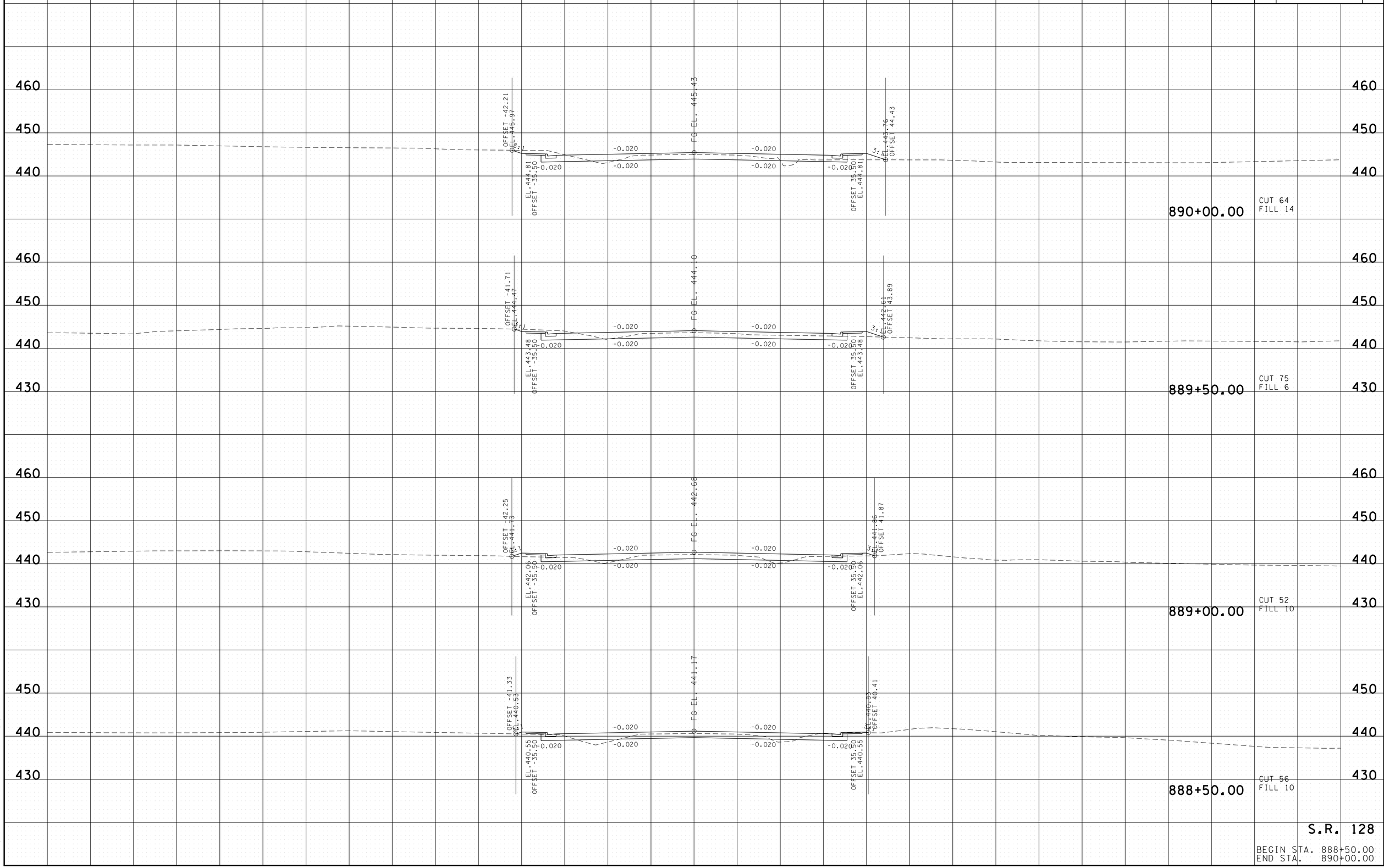
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	174
CONST.	2015	NH-128(27)	42



S.R. 128

BEGIN STA. 888+50.00
END STA. 890+00.00

2/17/2015 11:12:08 AM
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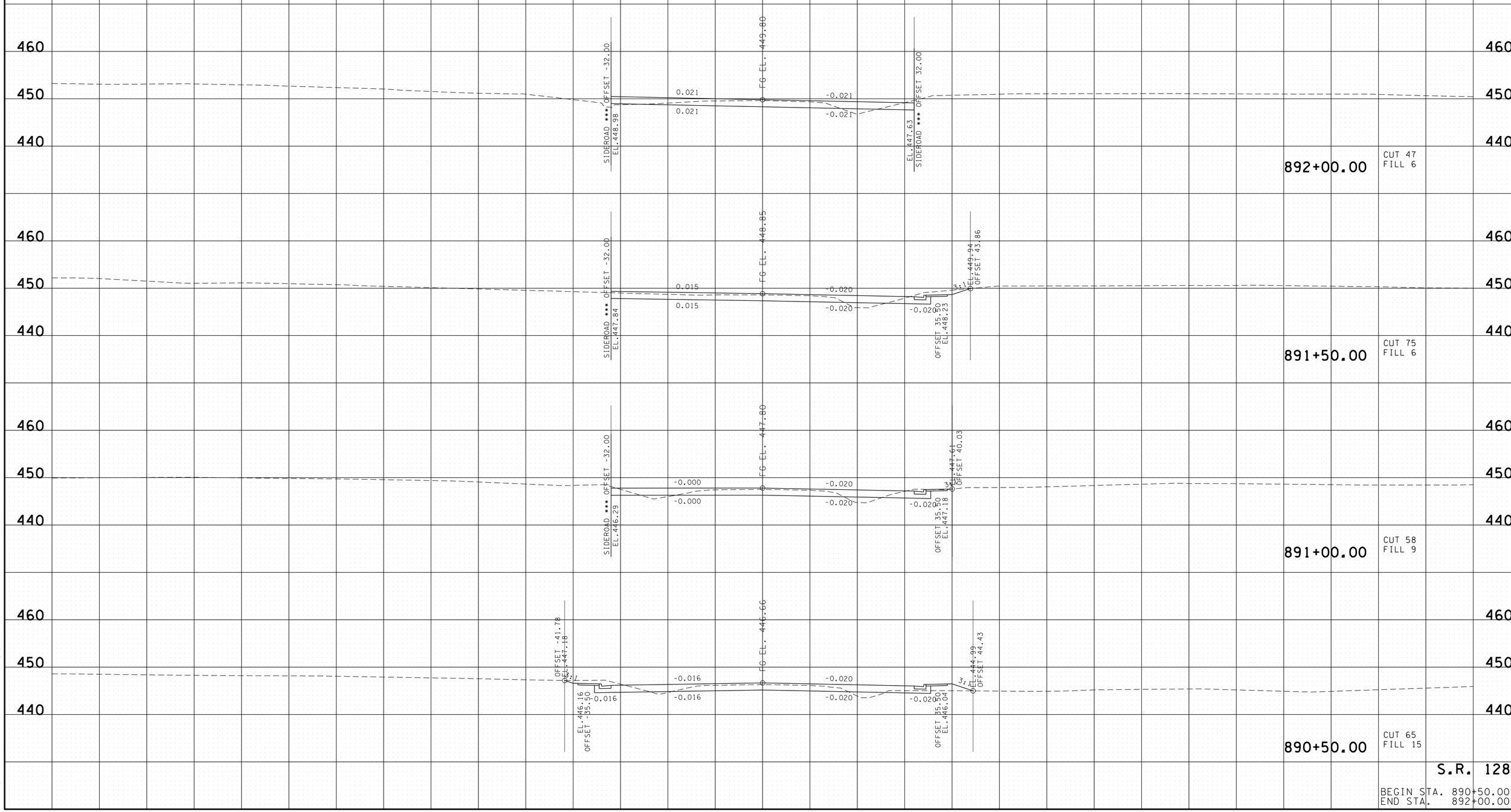
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	175
CONST.	2015	NH-128(27)	43



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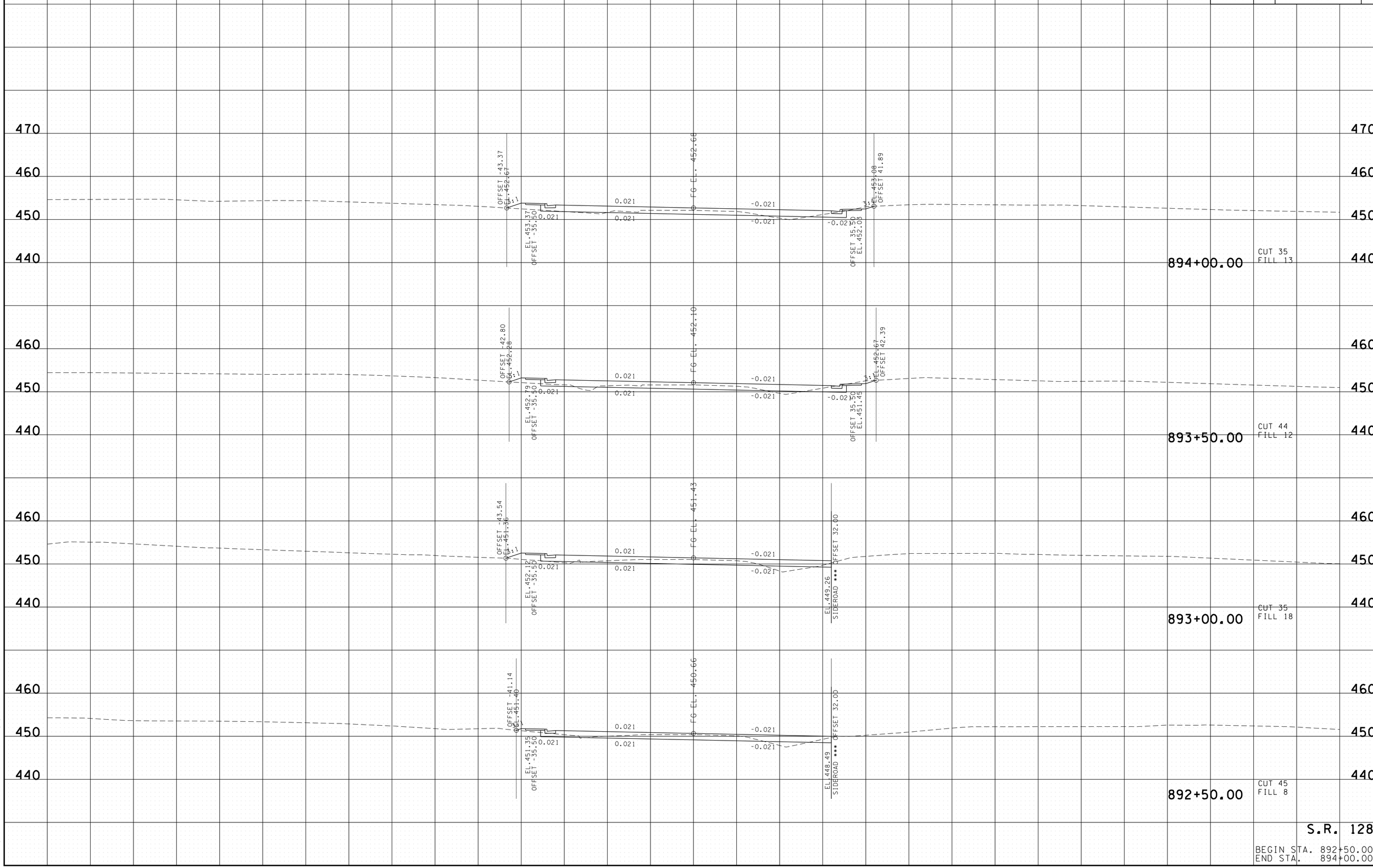
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	176
CONST.	2015	NH-128(27)	44



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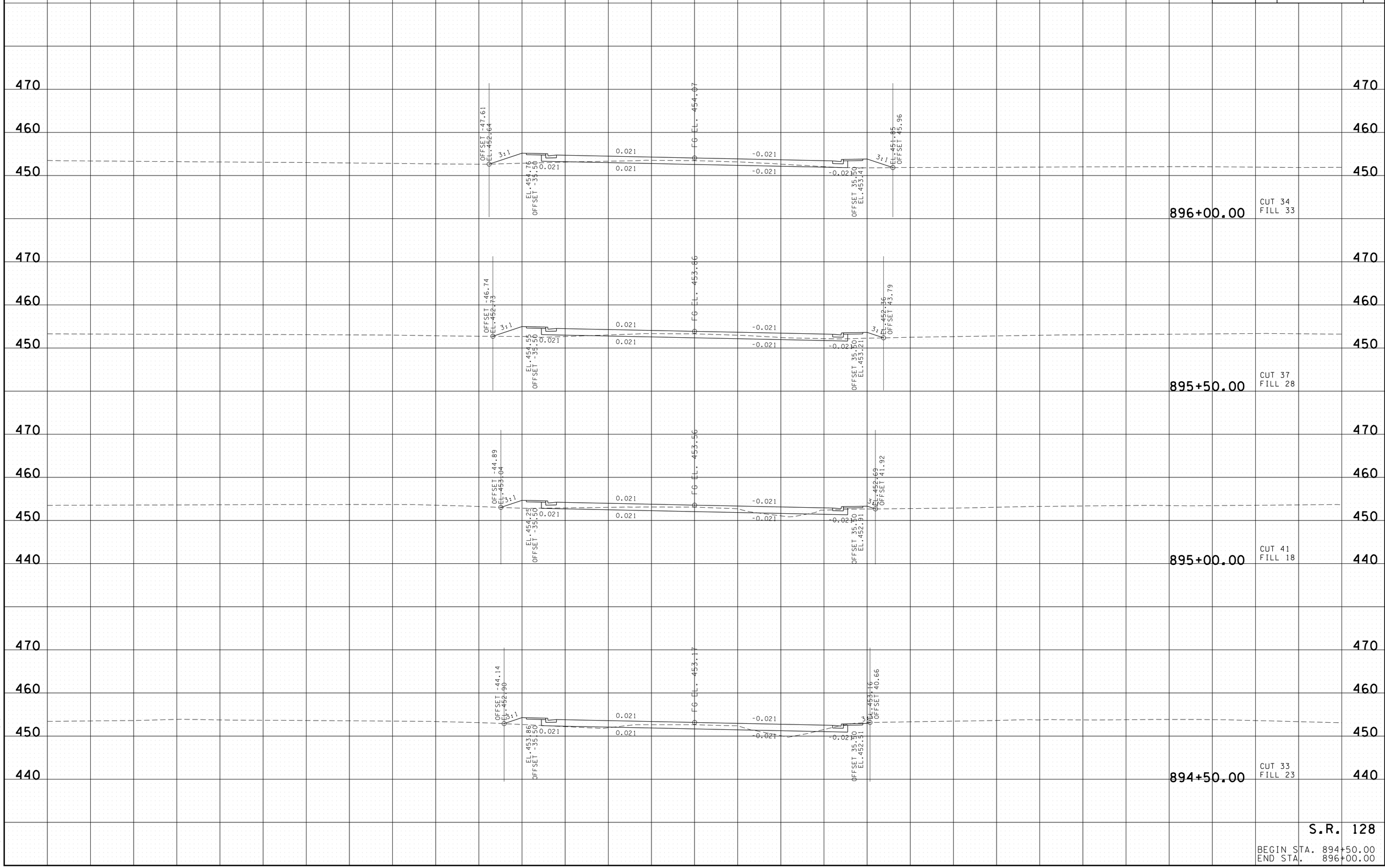
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	177
CONST.	2015	NH-128(27)	45



S.R. 128

BEGIN STA. 894+50.00
END STA. 896+00.00

2/17/2015 11:12:12 AM
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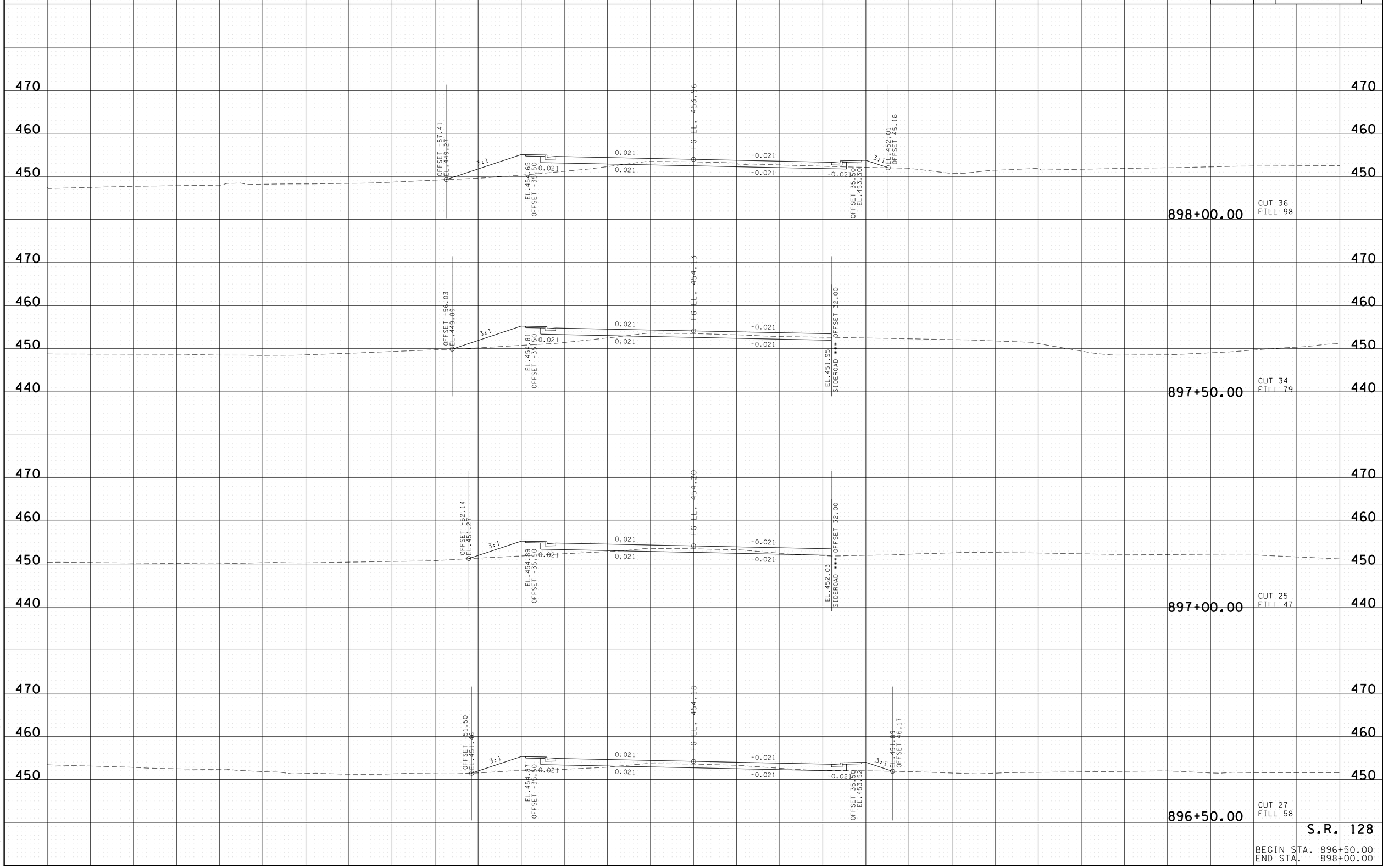
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	178
CONST.	2015	NH-128(27)	46



S.R. 128

BEGIN STA. 896+50.00
END STA. 898+00.00

2/17/2015 11:3:06 AM
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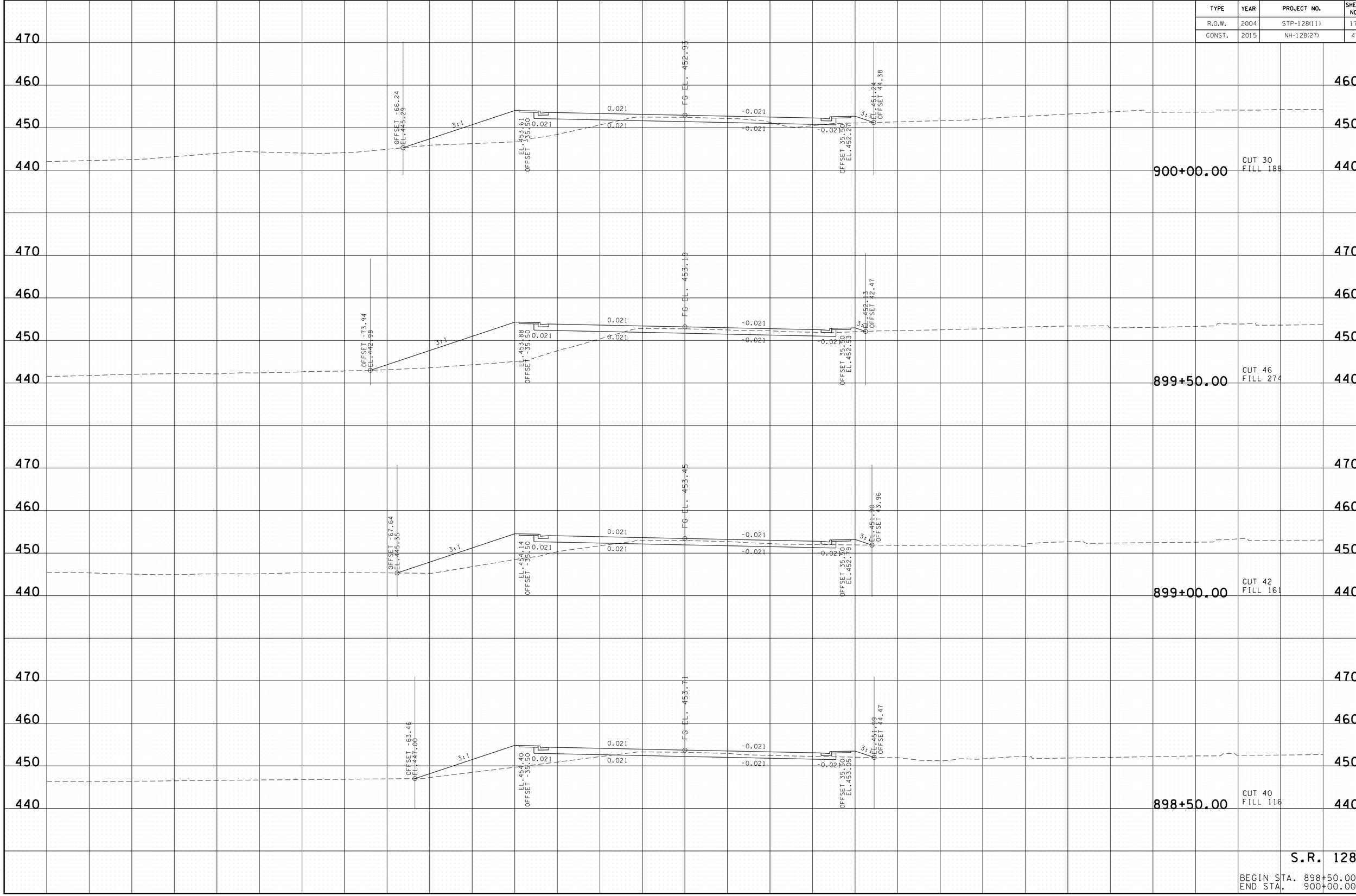
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	179
CONST.	2015	NH-128(27)	47



S.R. 128

BEGIN STA. 898+50.00
END STA. 900+00.00

2/17/2015 11:12:14 AM
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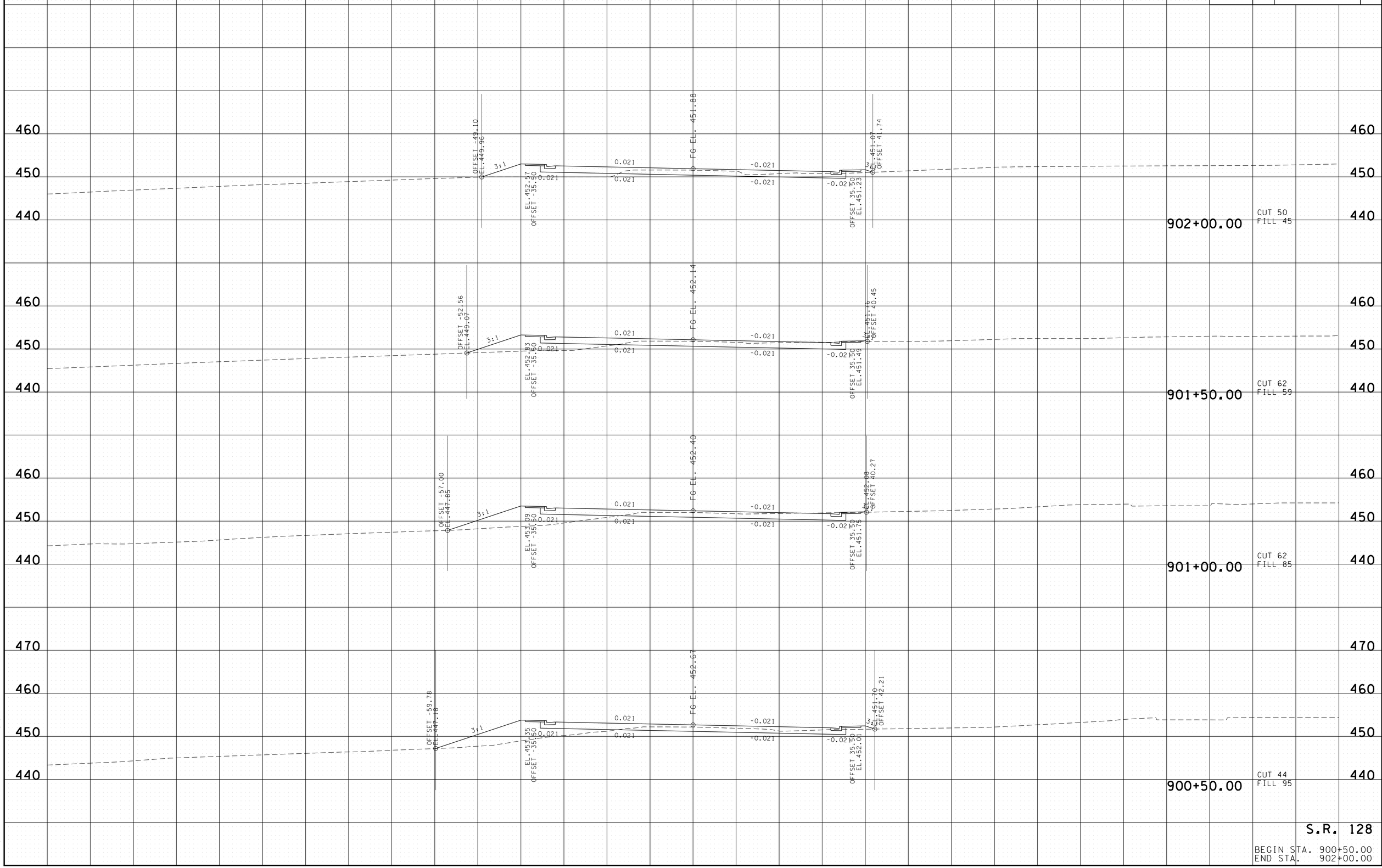
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	180
CONST.	2015	NH-128(27)	48



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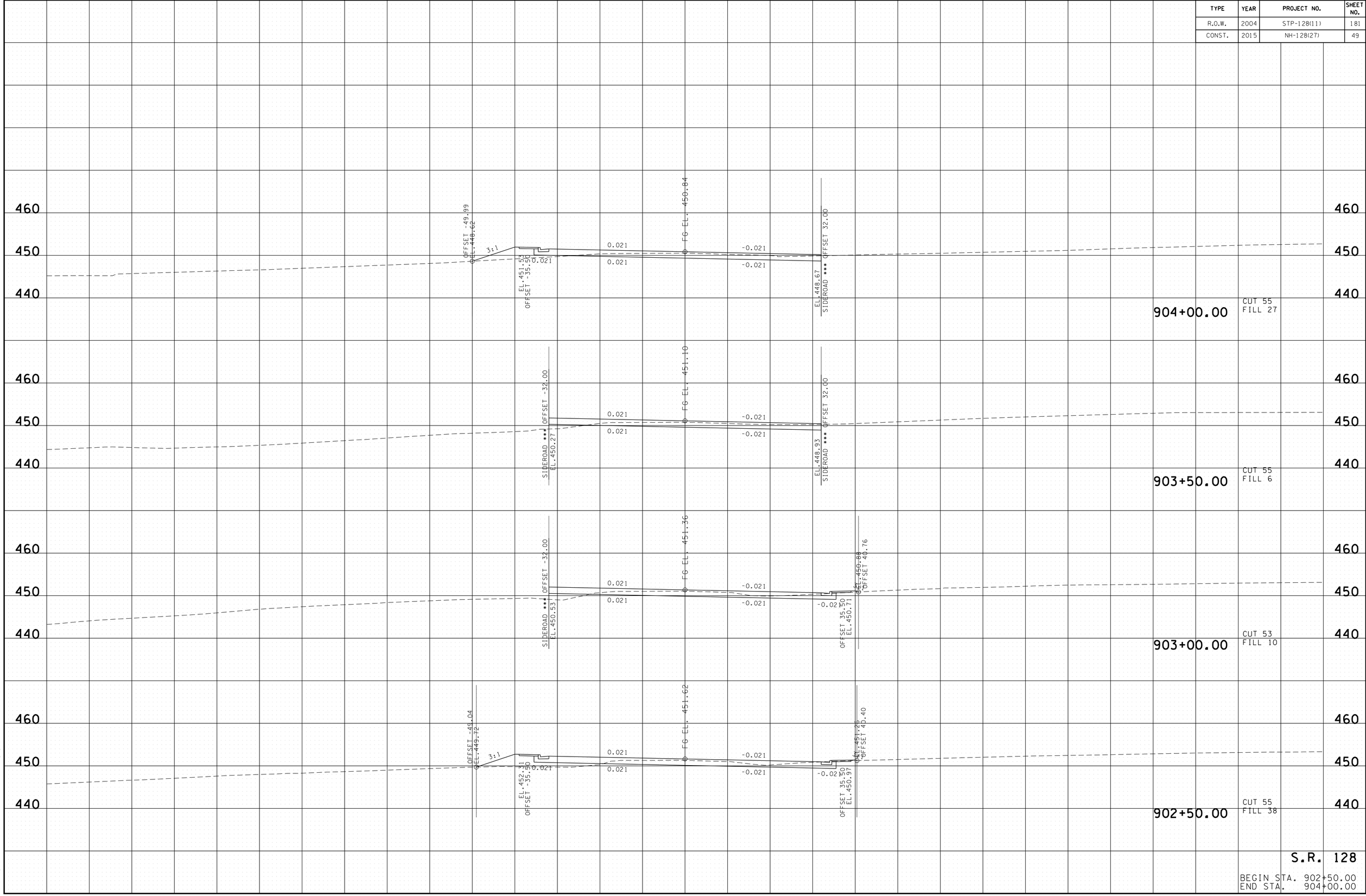
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	181
CONST.	2015	NH-128(27)	49



S.R. 128

BEGIN STA. 902+50.00
END STA. 904+00.00

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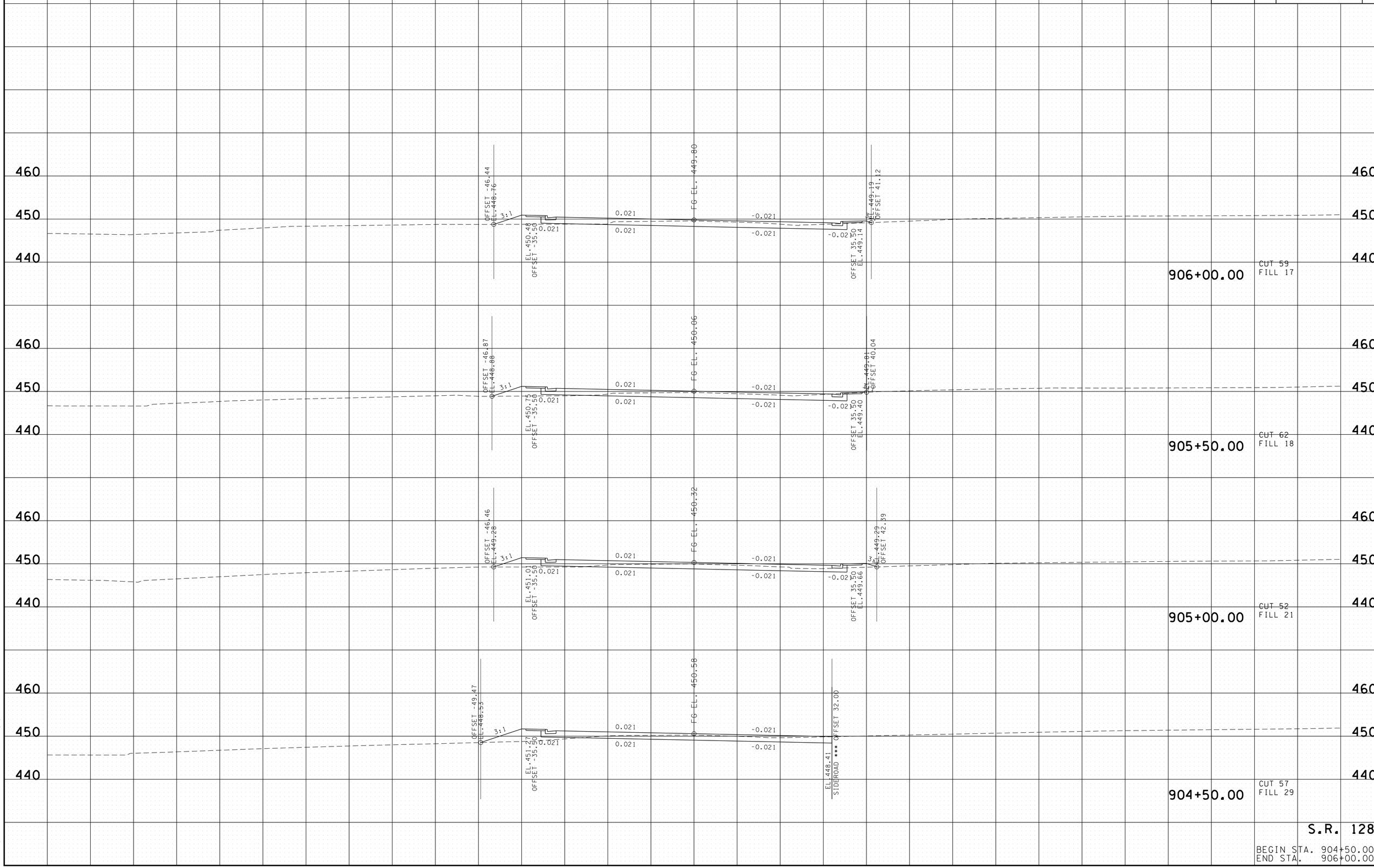
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	182
CONST.	2015	NH-128(27)	50



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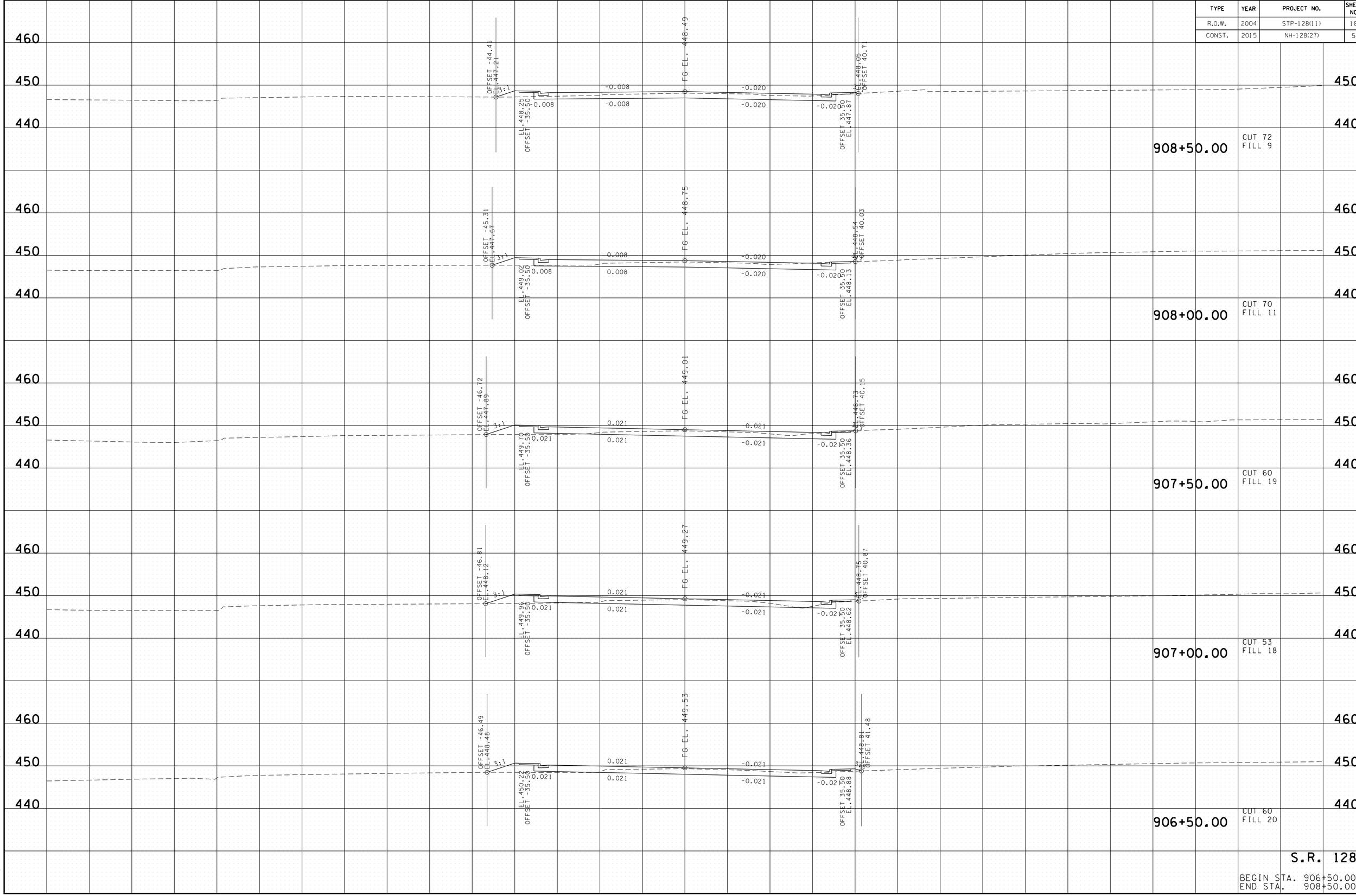
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	183
CONST.	2015	NH-128(27)	51



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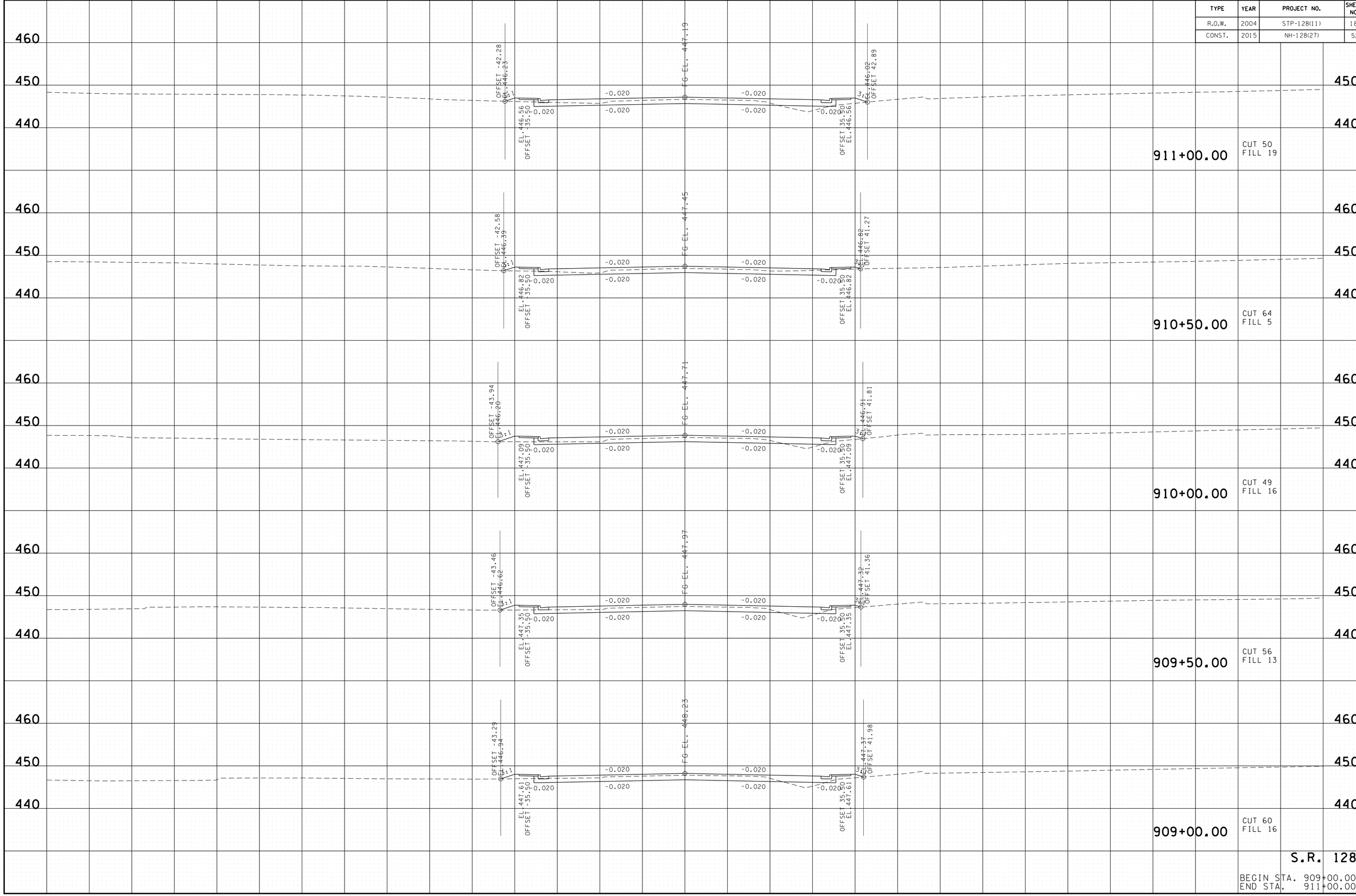
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	184
CONST.	2015	NH-128(27)	52



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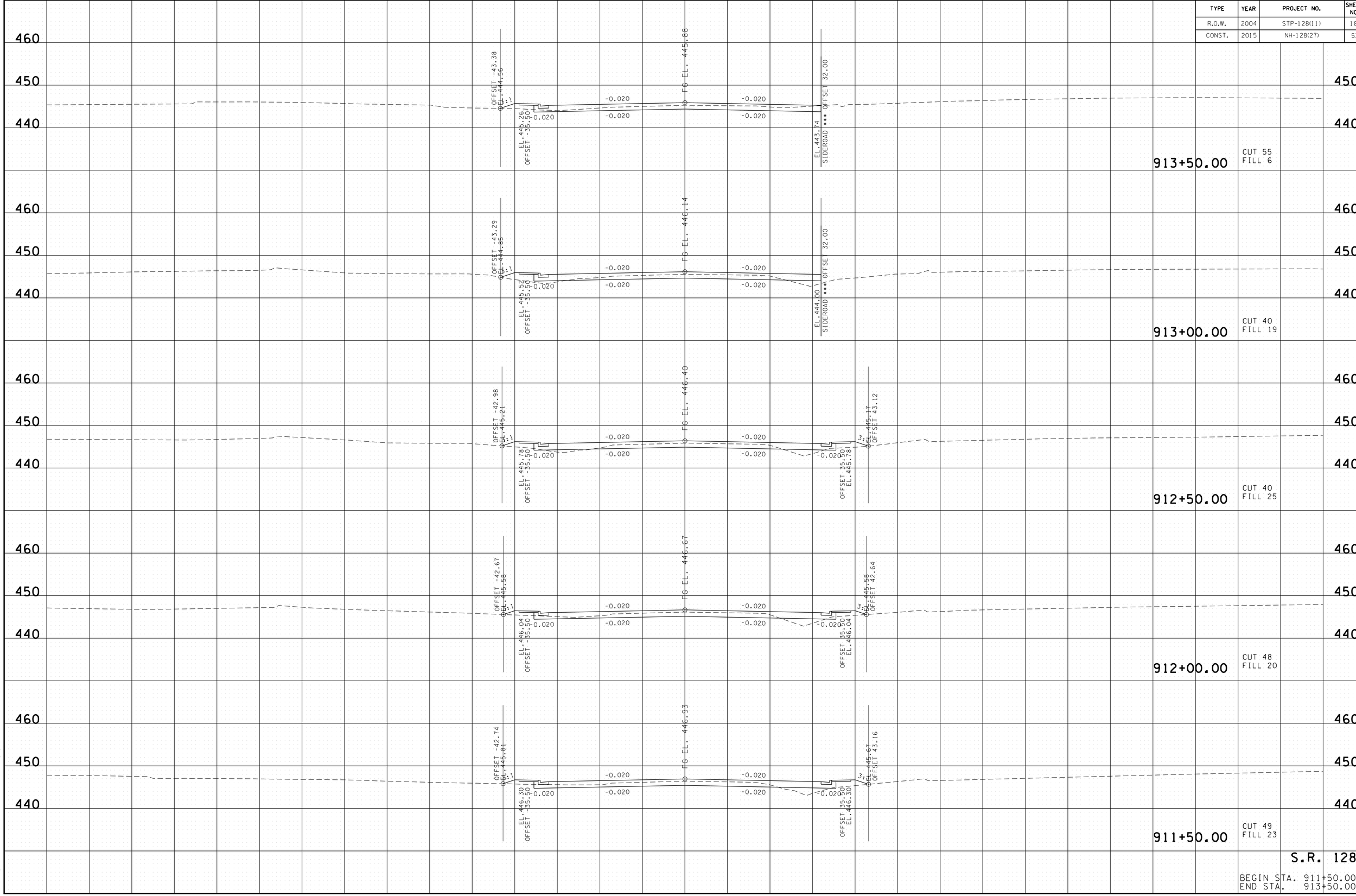
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	185
CONST.	2015	NH-128(27)	53



2/17/2015 11:22:21 AM
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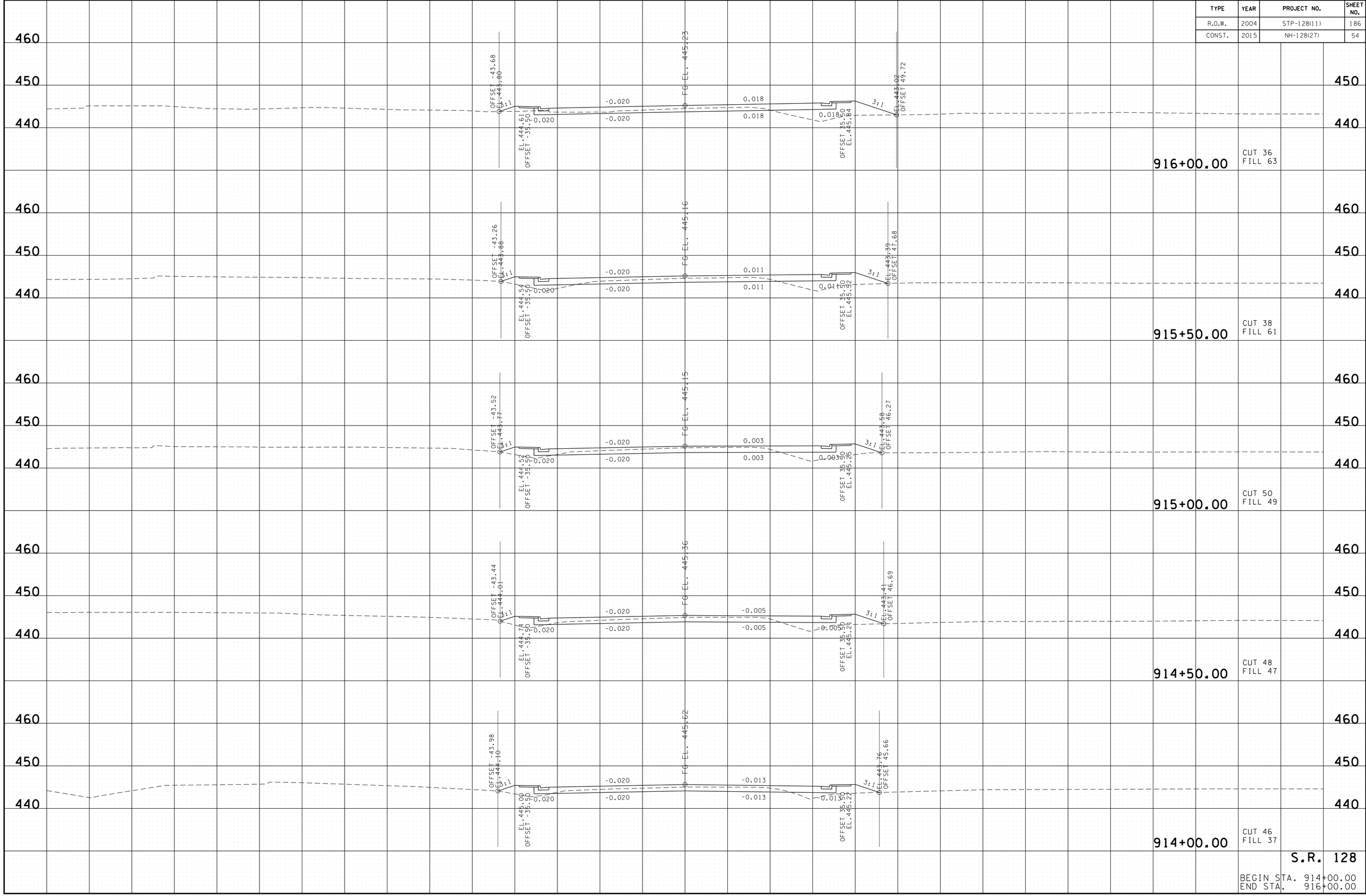
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	186
CONST.	2015	NH-128(27)	54



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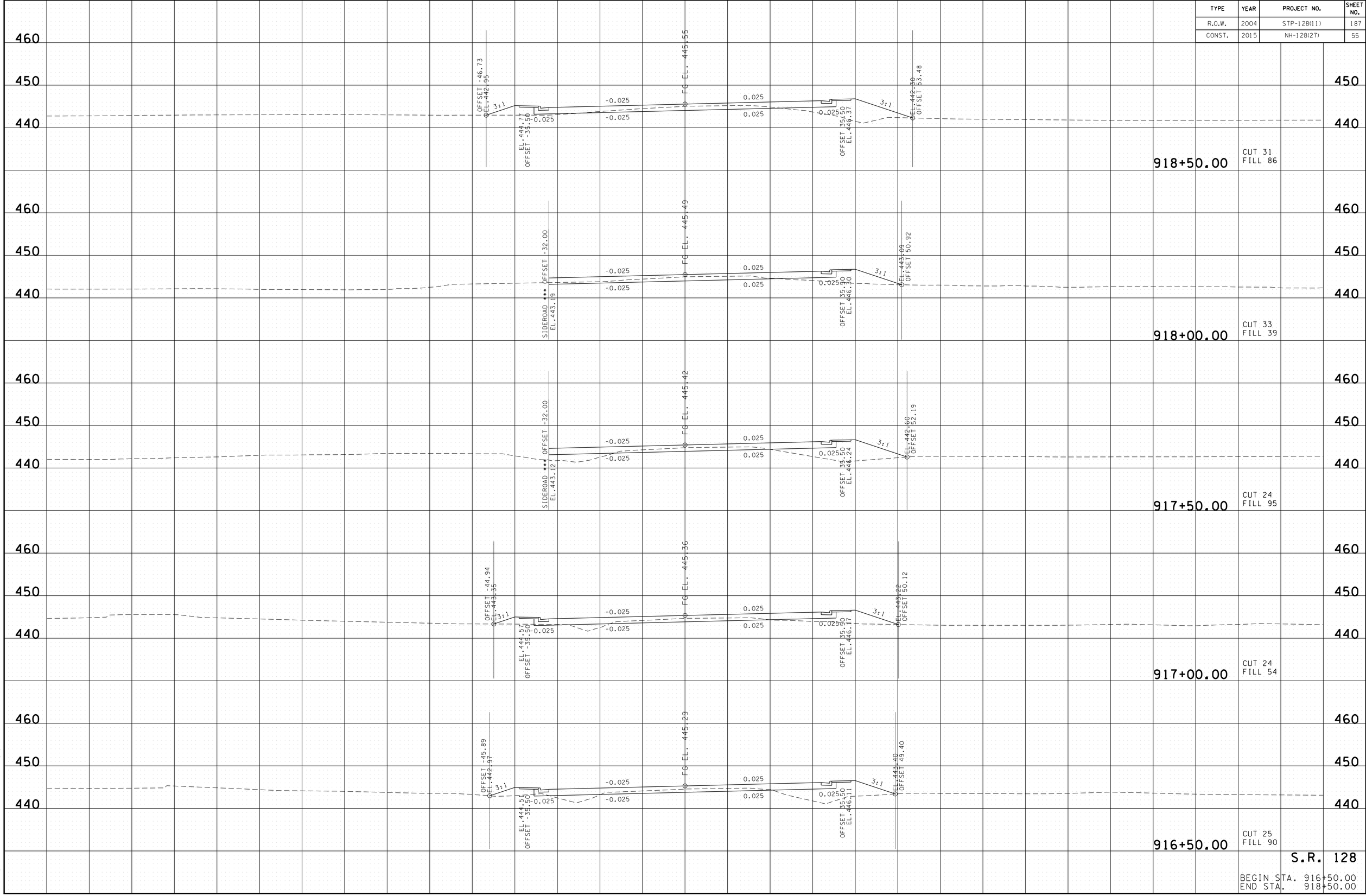
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	187
CONST.	2015	NH-128(27)	55



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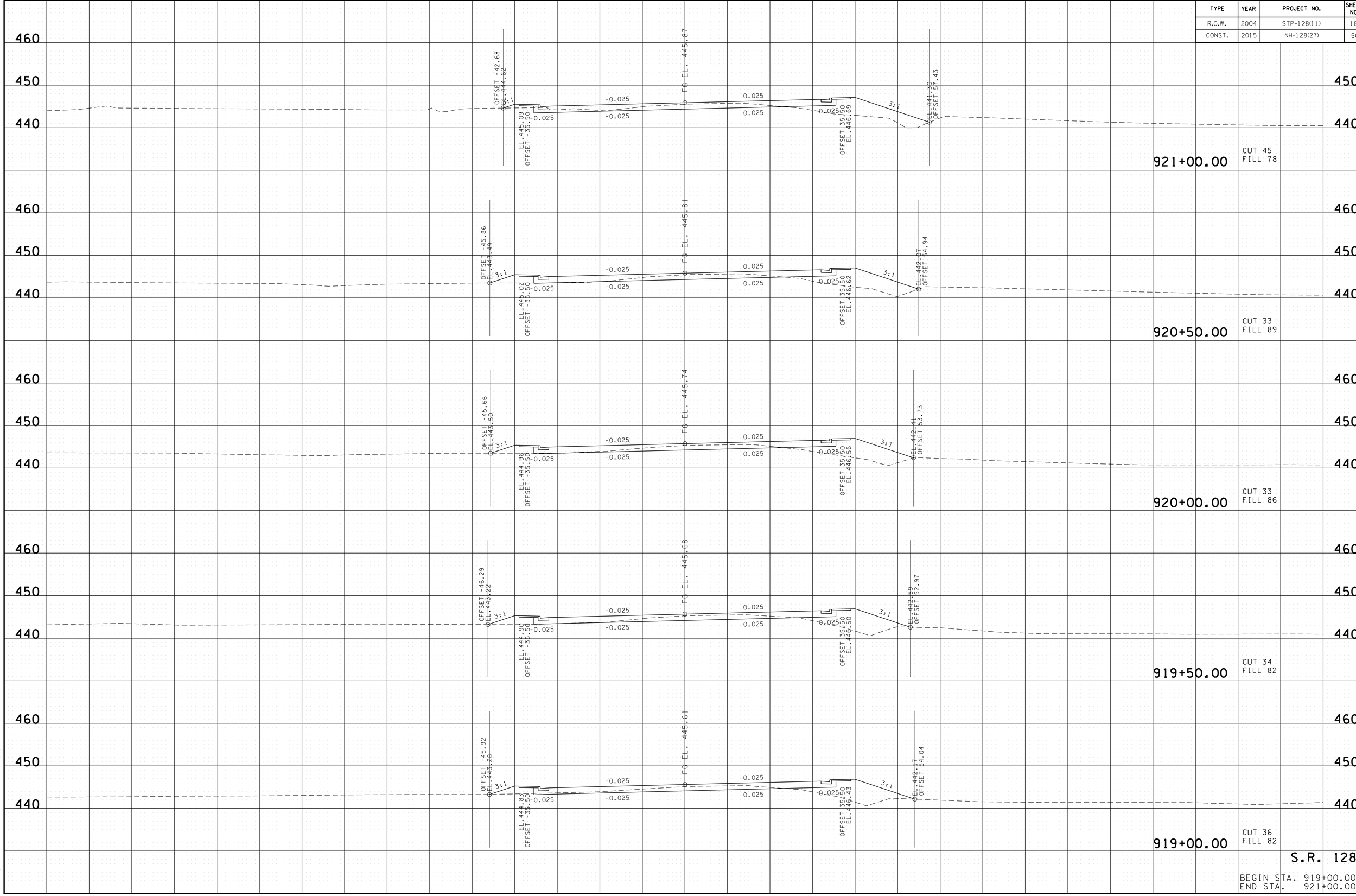
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	188
CONST.	2015	NH-128(27)	56



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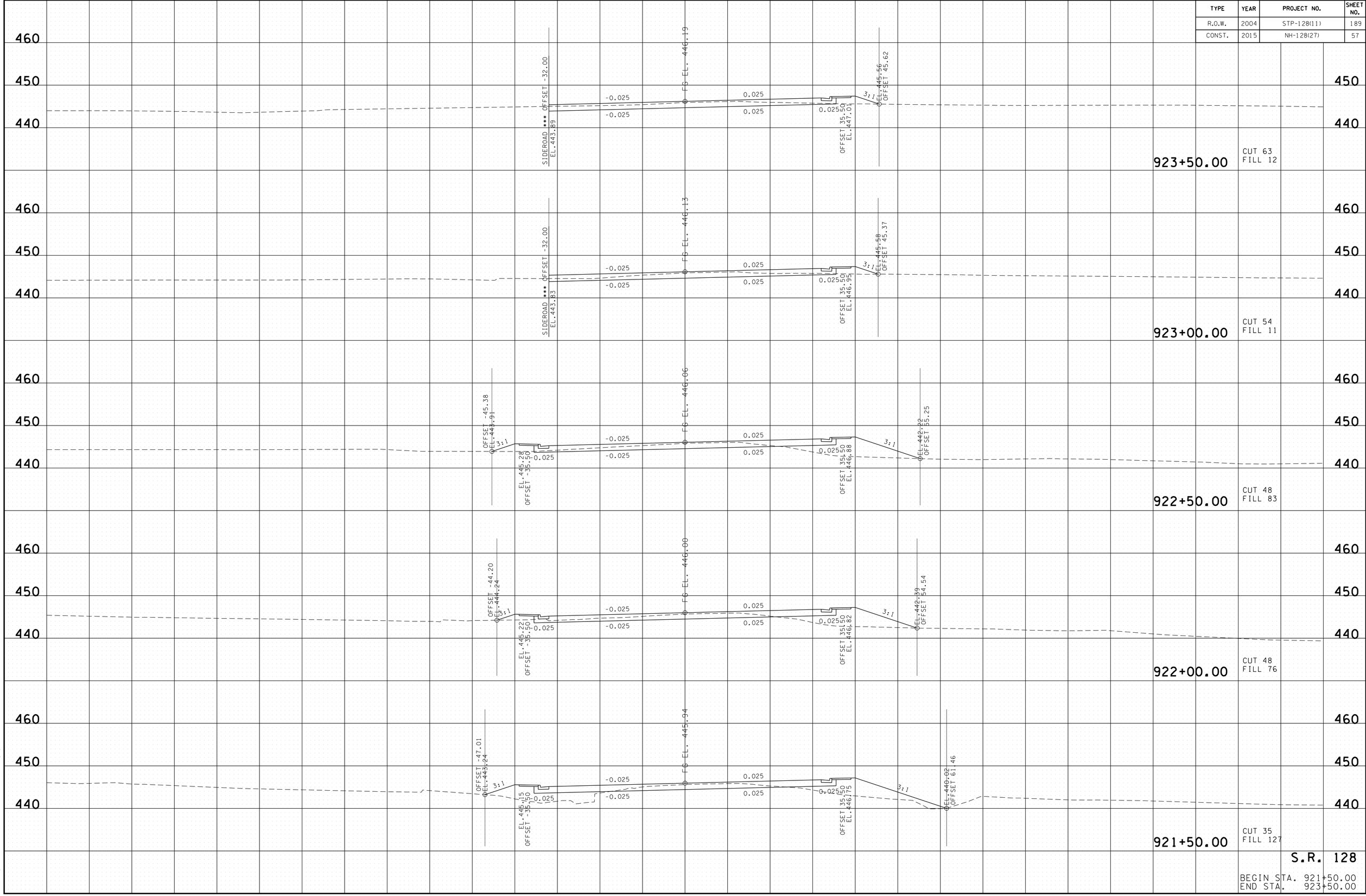
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	189
CONST.	2015	NH-128(27)	57



S.R. 128

BEGIN STA. 921+50.00
END STA. 923+50.00

2/17/2015 11:12:28 AM
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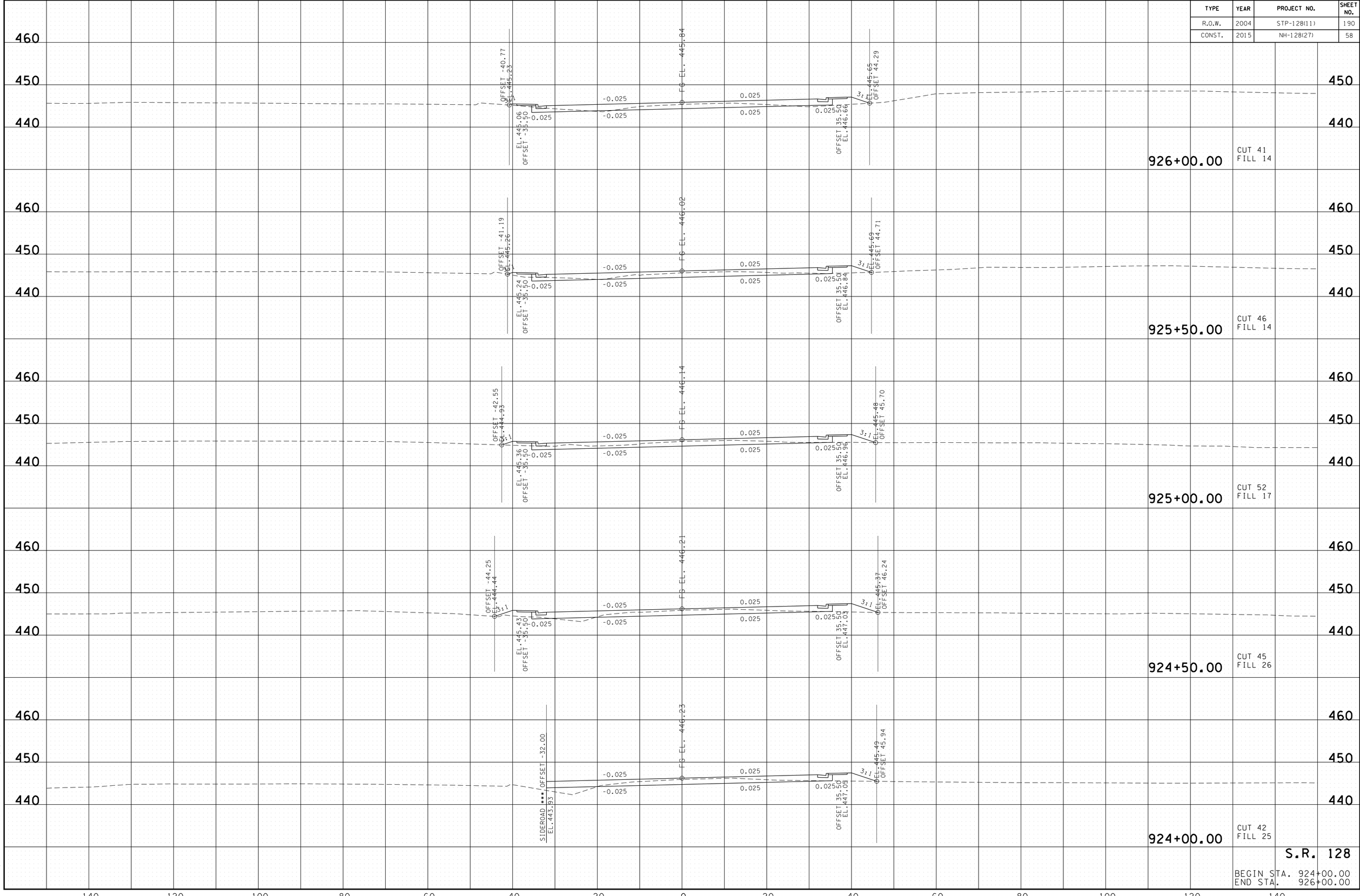
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	190
CONST.	2015	NH-128(27)	58



2/17/2015 11:12:30 AM
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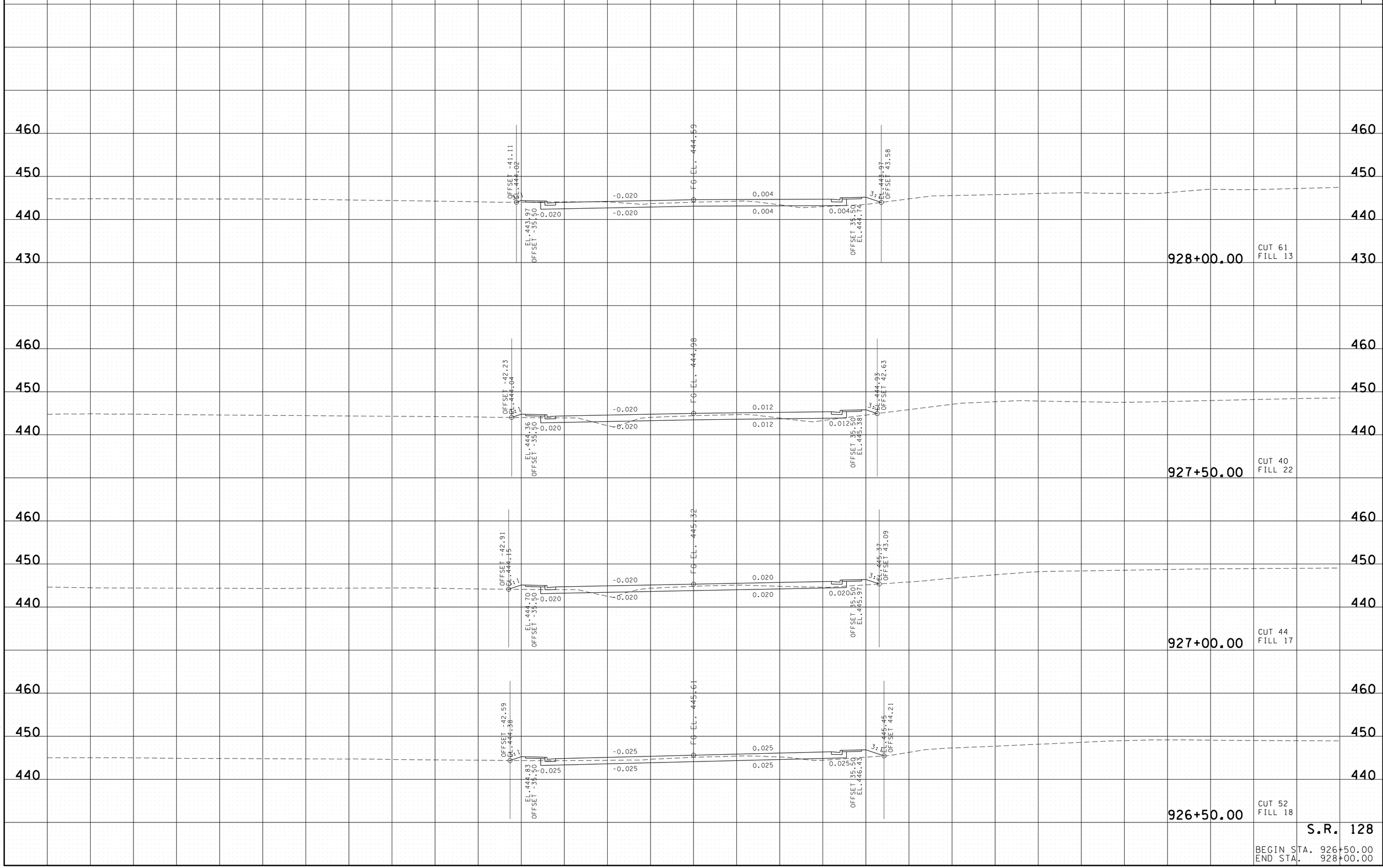
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	191
CONST.	2015	NH-128(27)	59



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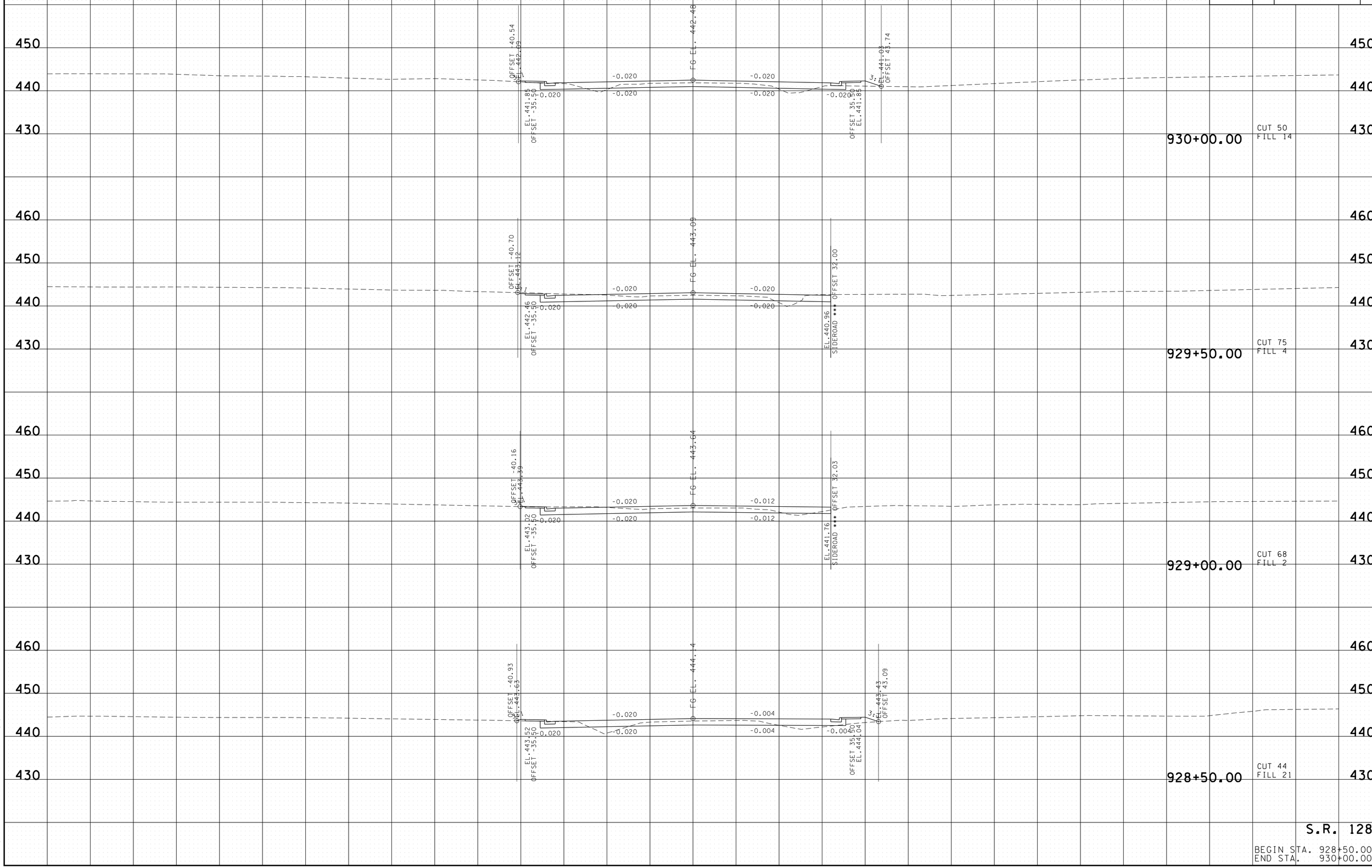
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	192
CONST.	2015	NH-128(27)	60



S.R. 128

BEGIN STA. 928+50.00
END STA. 930+00.00

2/17/2015 11:13:11 AM
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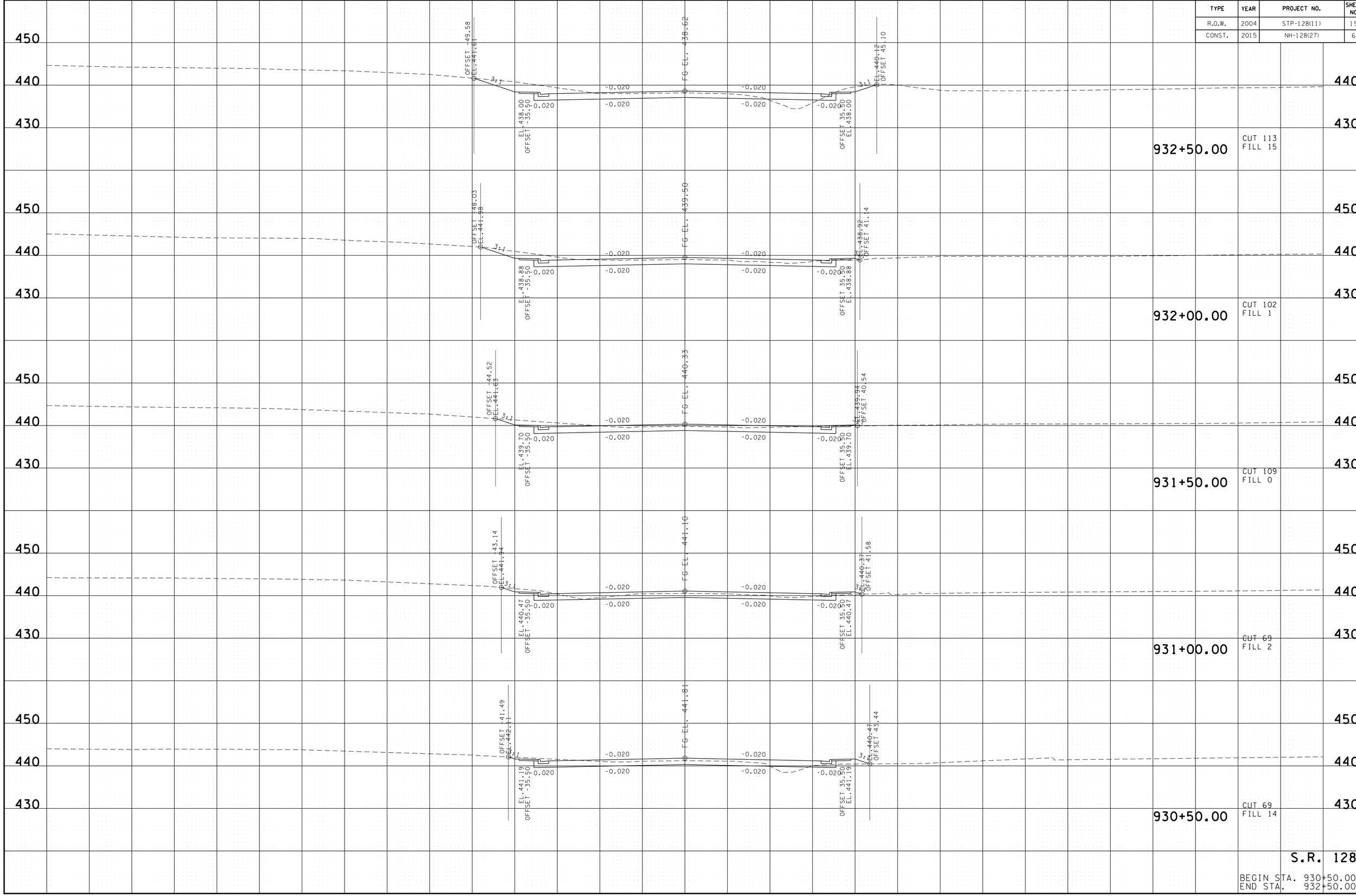
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	193
CONST.	2015	NH-128(27)	61

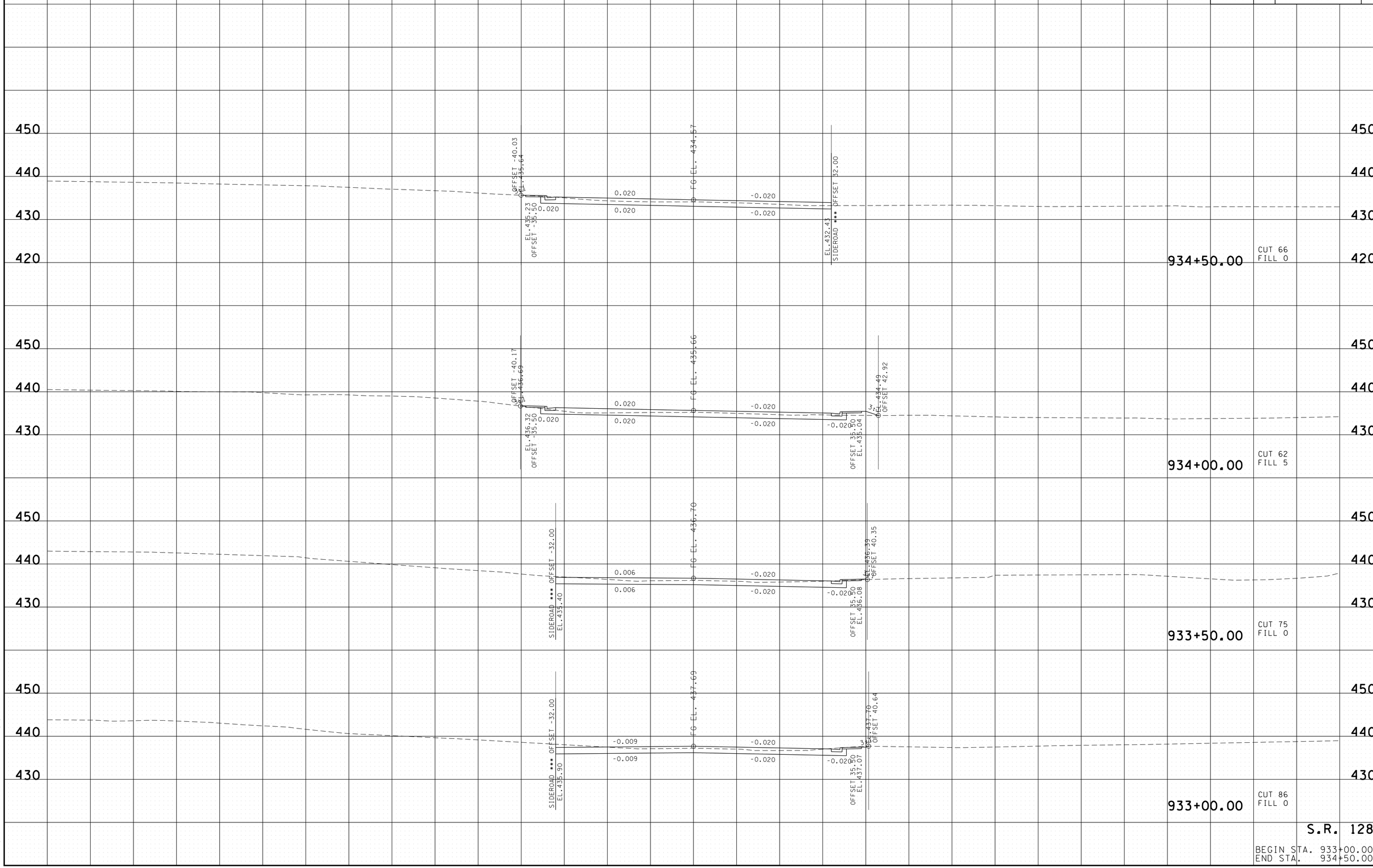


S.R. 128

BEGIN STA. 930+50.00
END STA. 932+50.00

2/17/2015 11:21:34 AM
t:\projects\transportation\drafting\jobs\civil\015i8\construction02\29-MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	194
CONST.	2015	NH-128(27)	62



2/17/2015 11:12:36 AM
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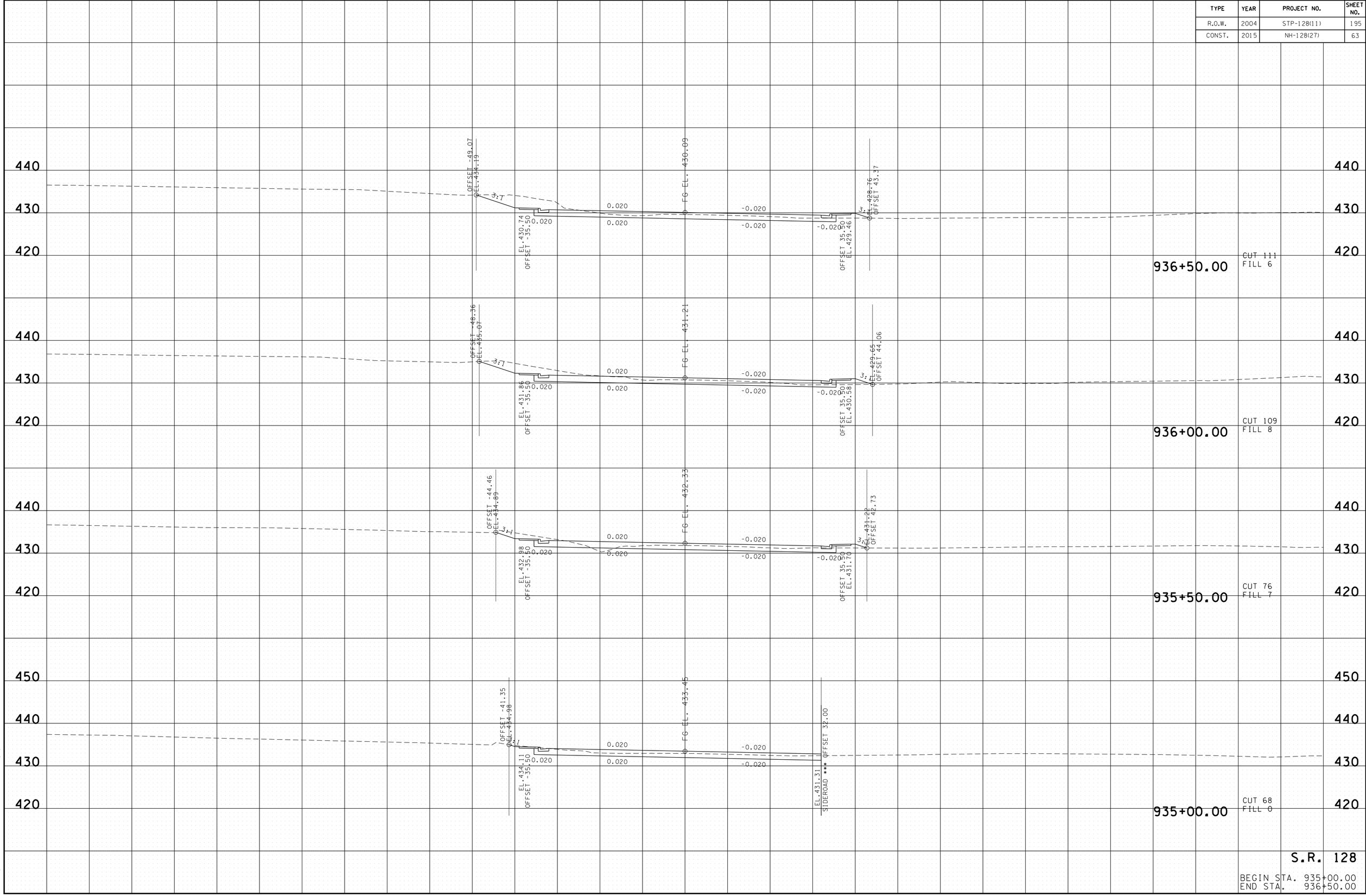
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	195
CONST.	2015	NH-128(27)	63



2/17/2015 11:12:38 AM
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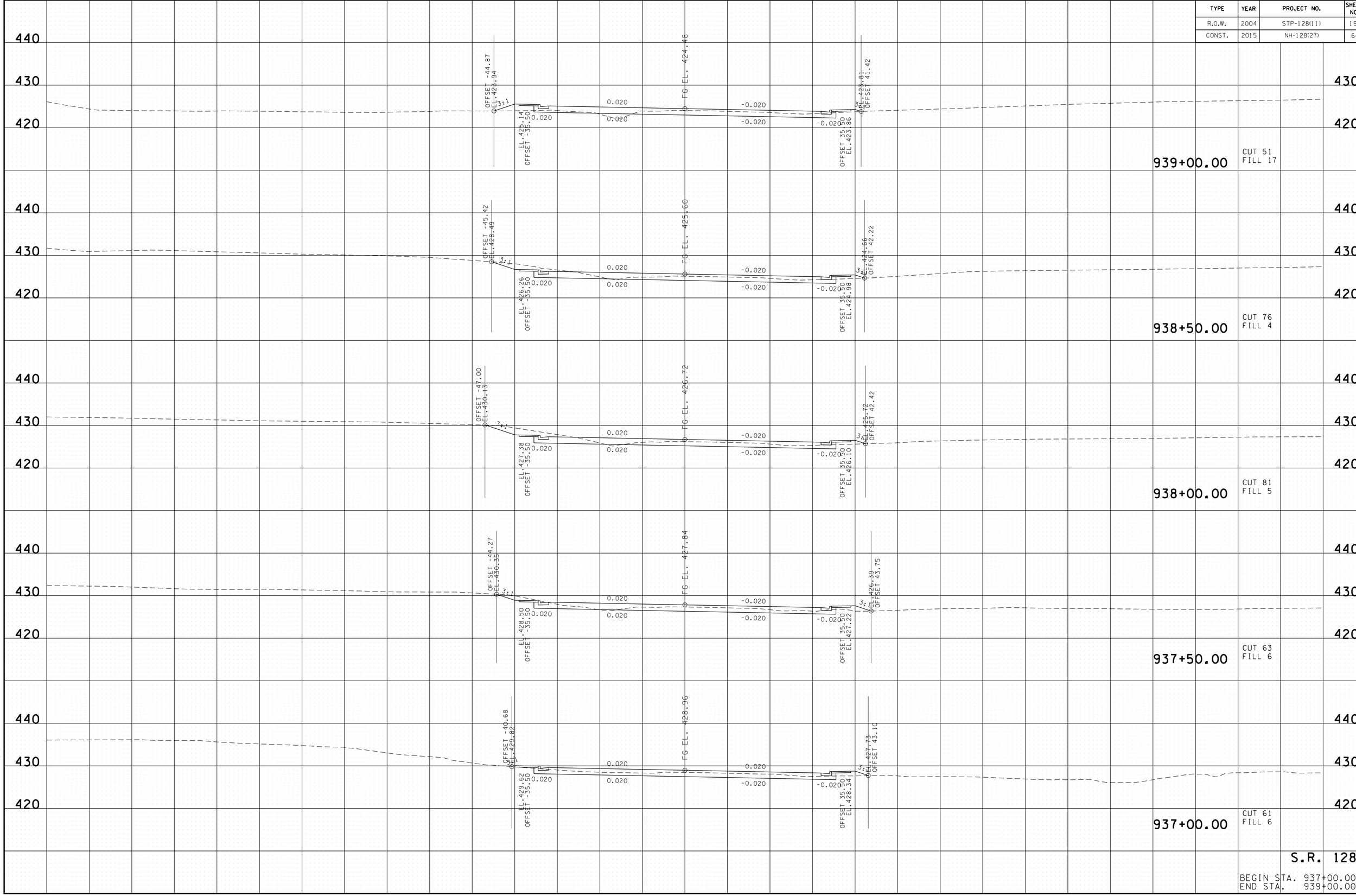
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	196
CONST.	2015	NH-128(27)	64



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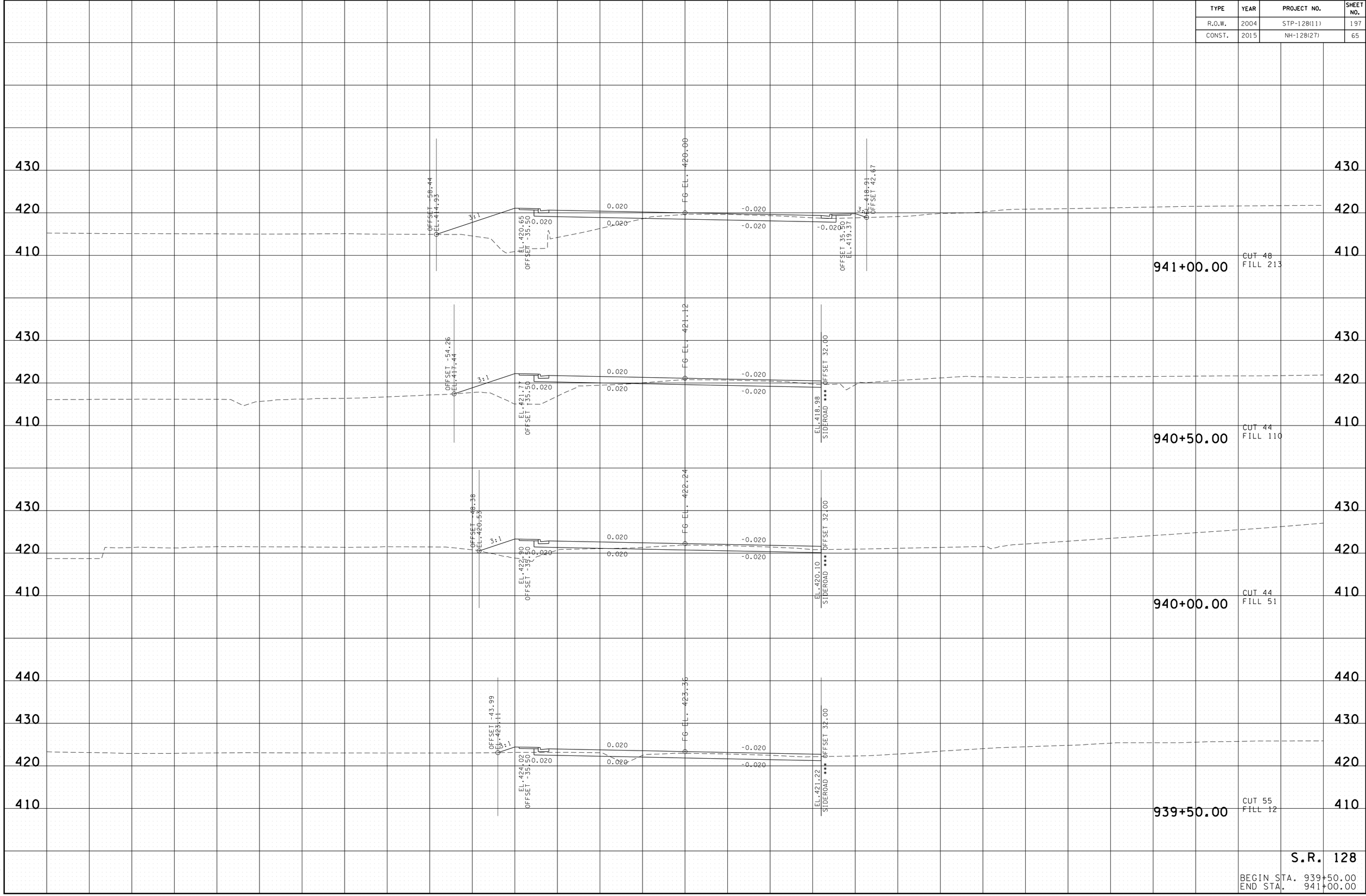
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	197
CONST.	2015	NH-128(27)	65



S.R. 128

BEGIN STA. 939+50.00
END STA. 941+00.00

2/17/2015 11:12:41 AM
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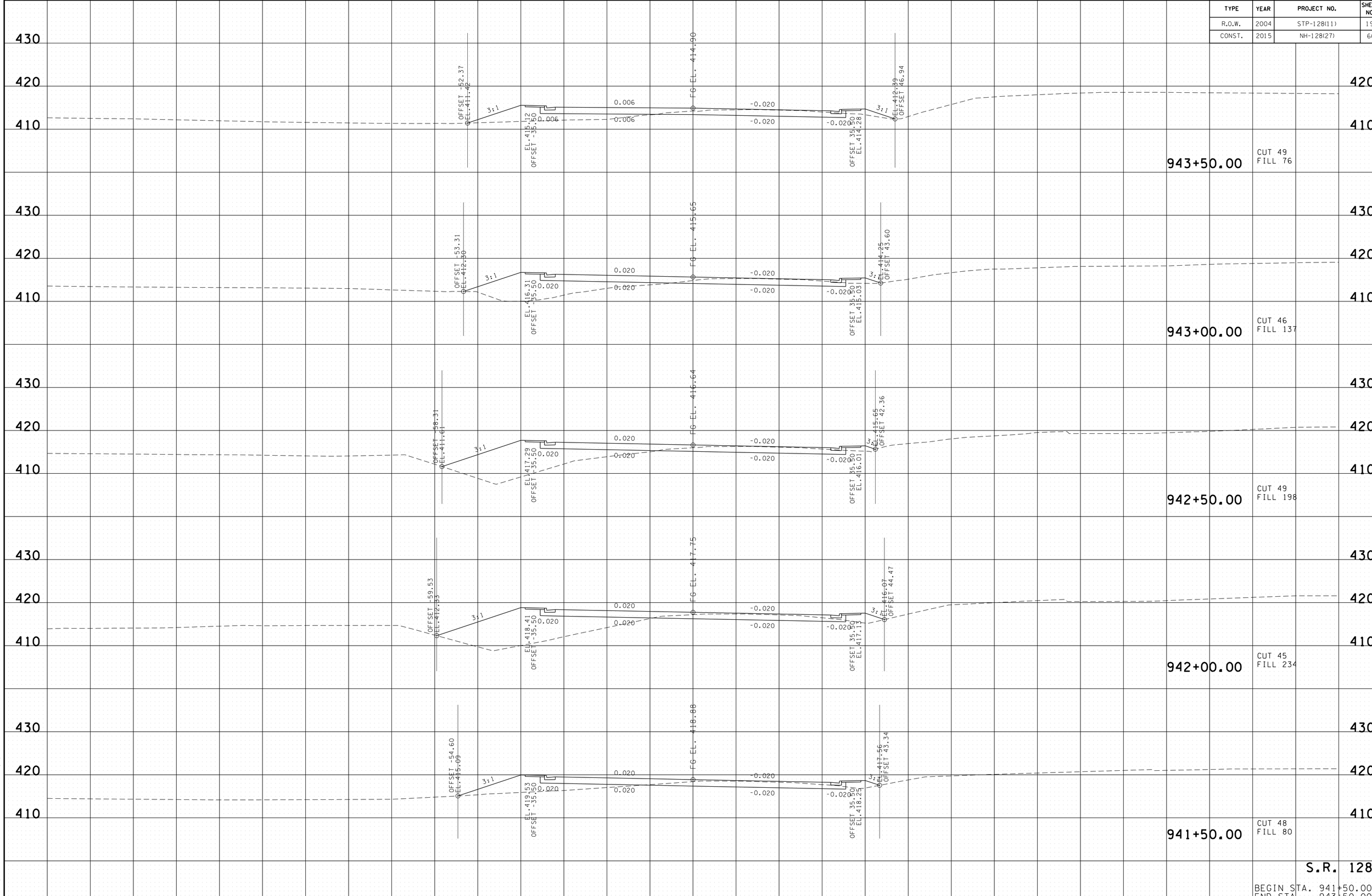
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	198
CONST.	2015	NH-128(27)	66



2/17/2015 11:12:43 AM
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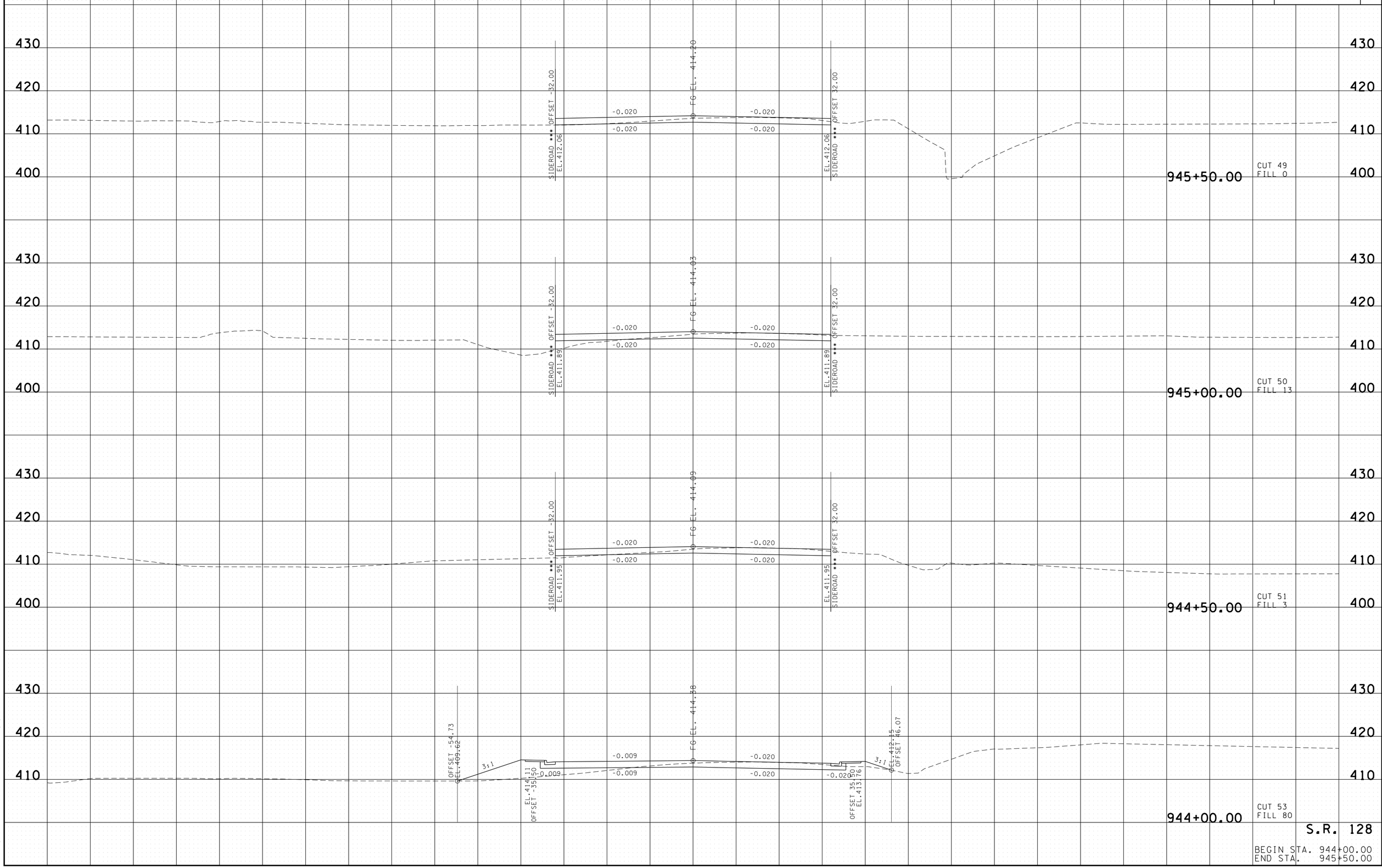
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	199
CONST.	2015	NH-128(27)	67



2/17/2015 11:12:45 AM
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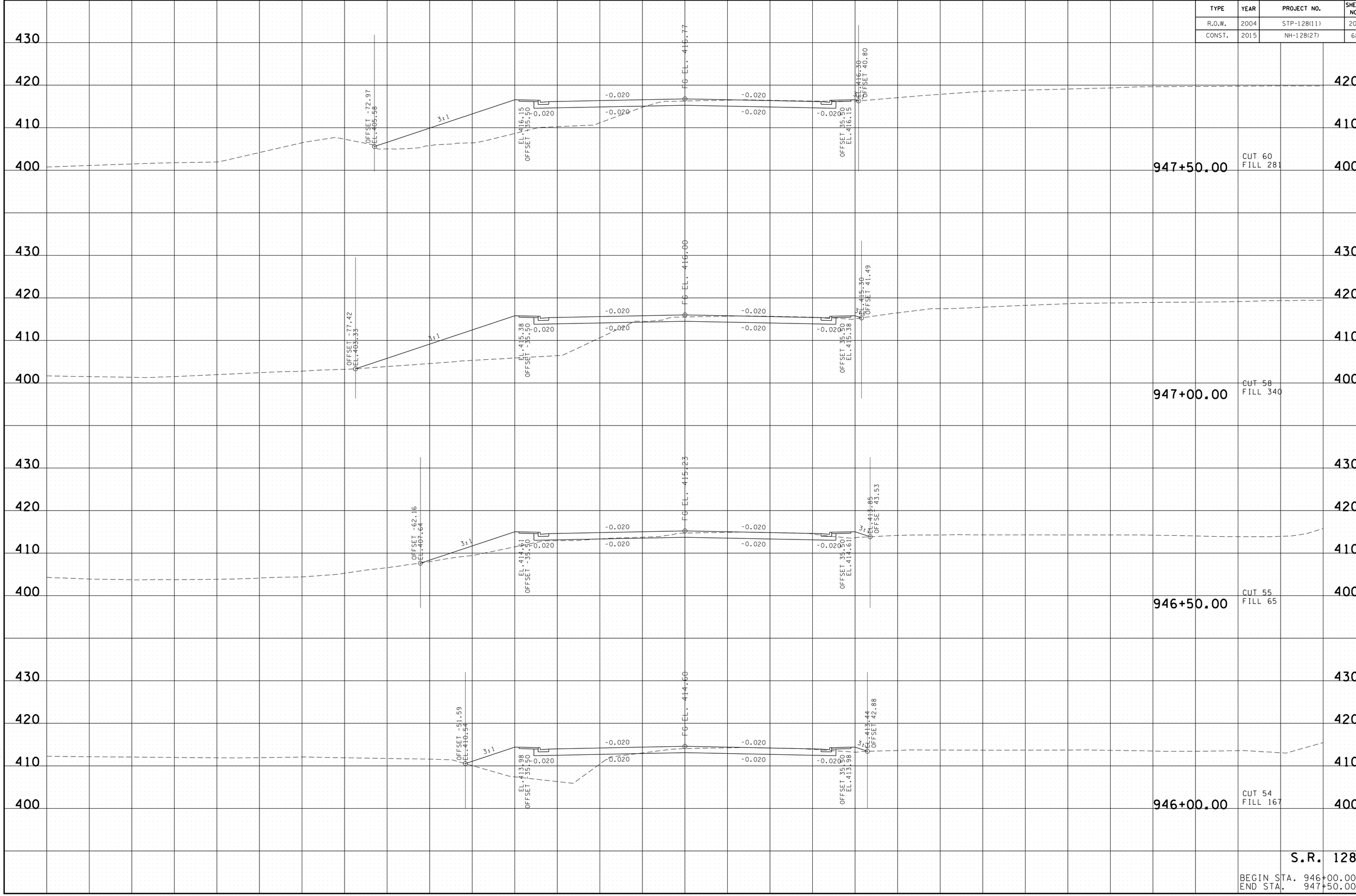
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	200
CONST.	2015	NH-128(27)	68



S.R. 128

BEGIN STA. 946+00.00
END STA. 947+50.00

2/17/2015 11:12:47 AM
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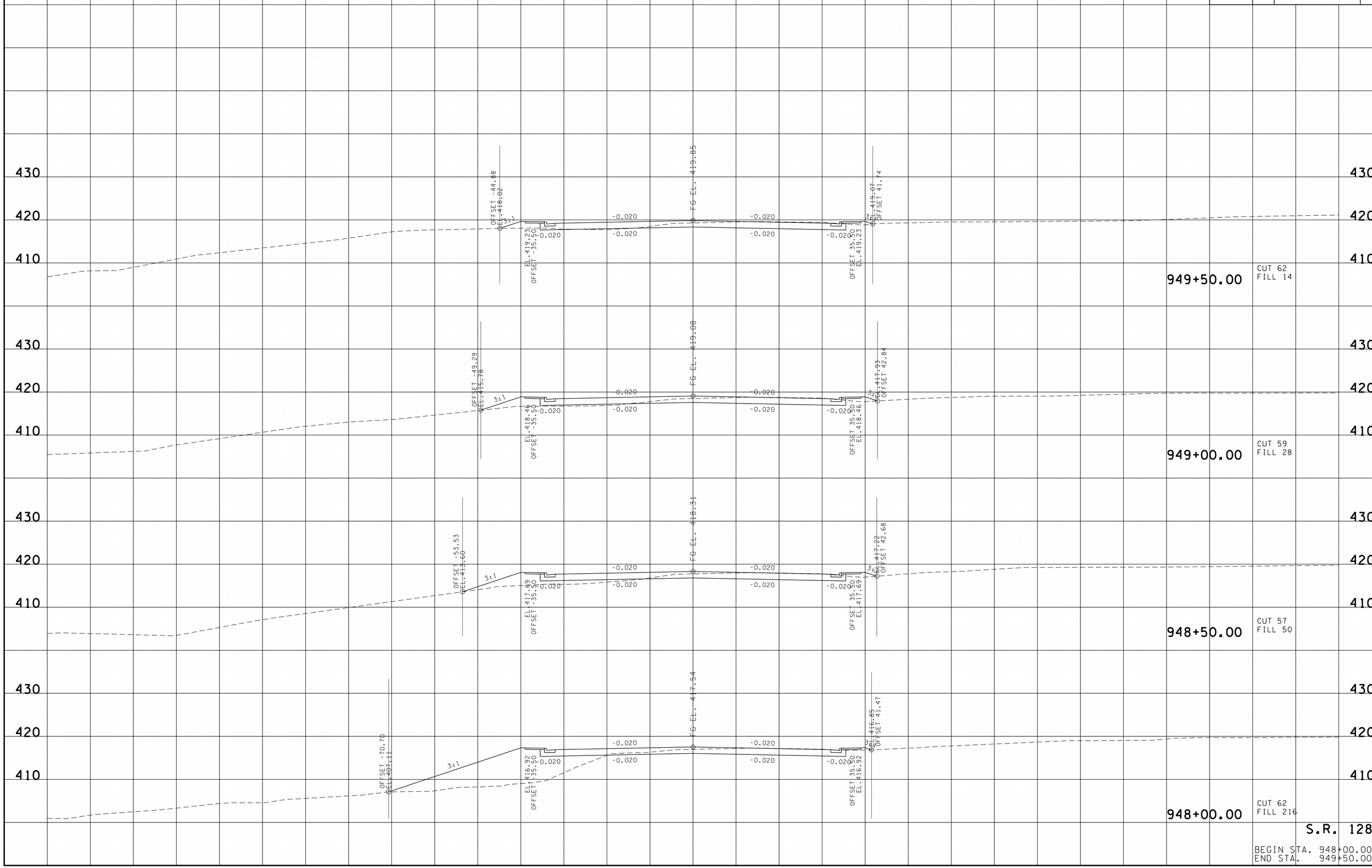
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	201
CONST.	2015	NH-128(27)	69



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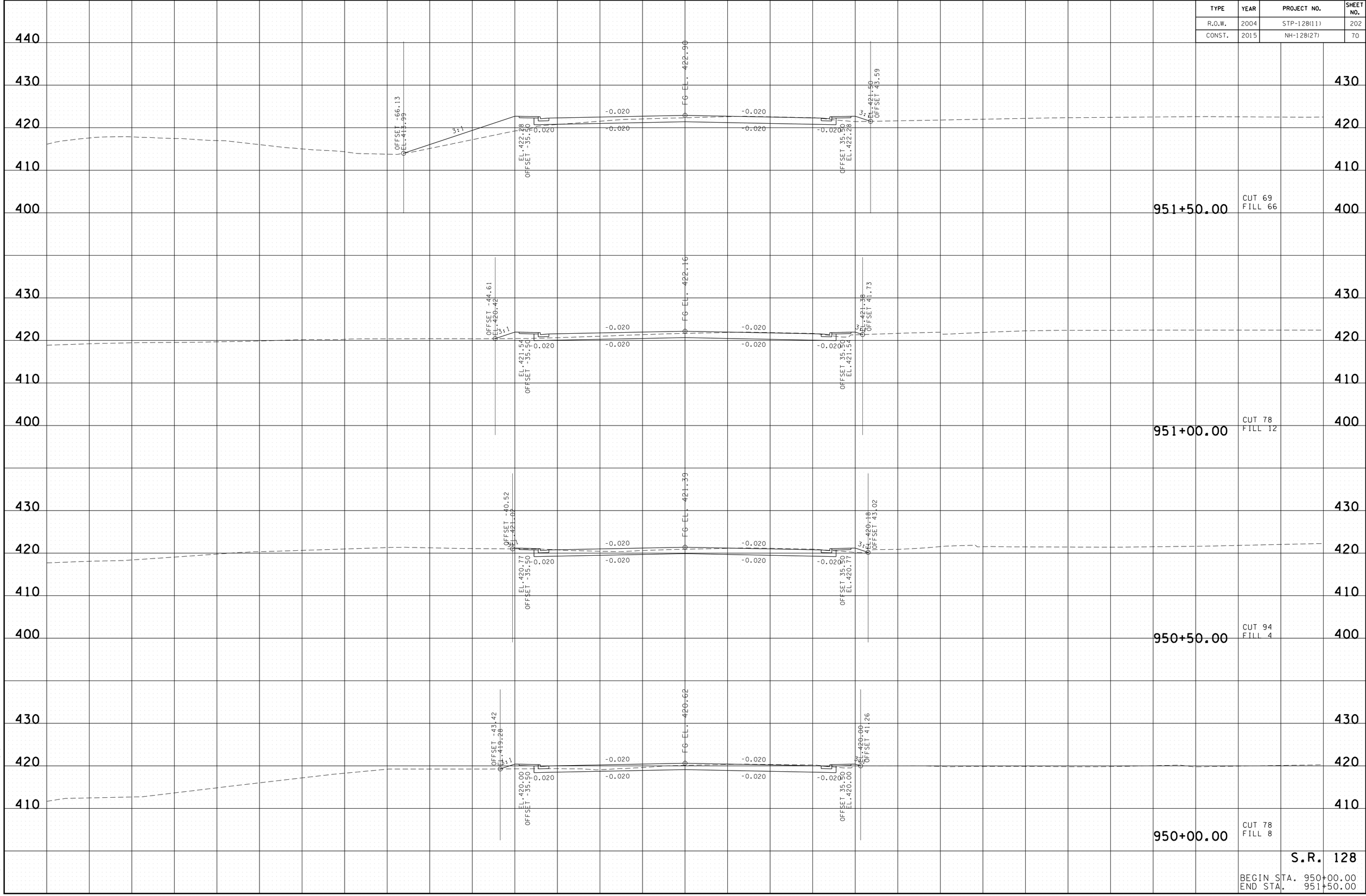
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	202
CONST.	2015	NH-128(27)	70



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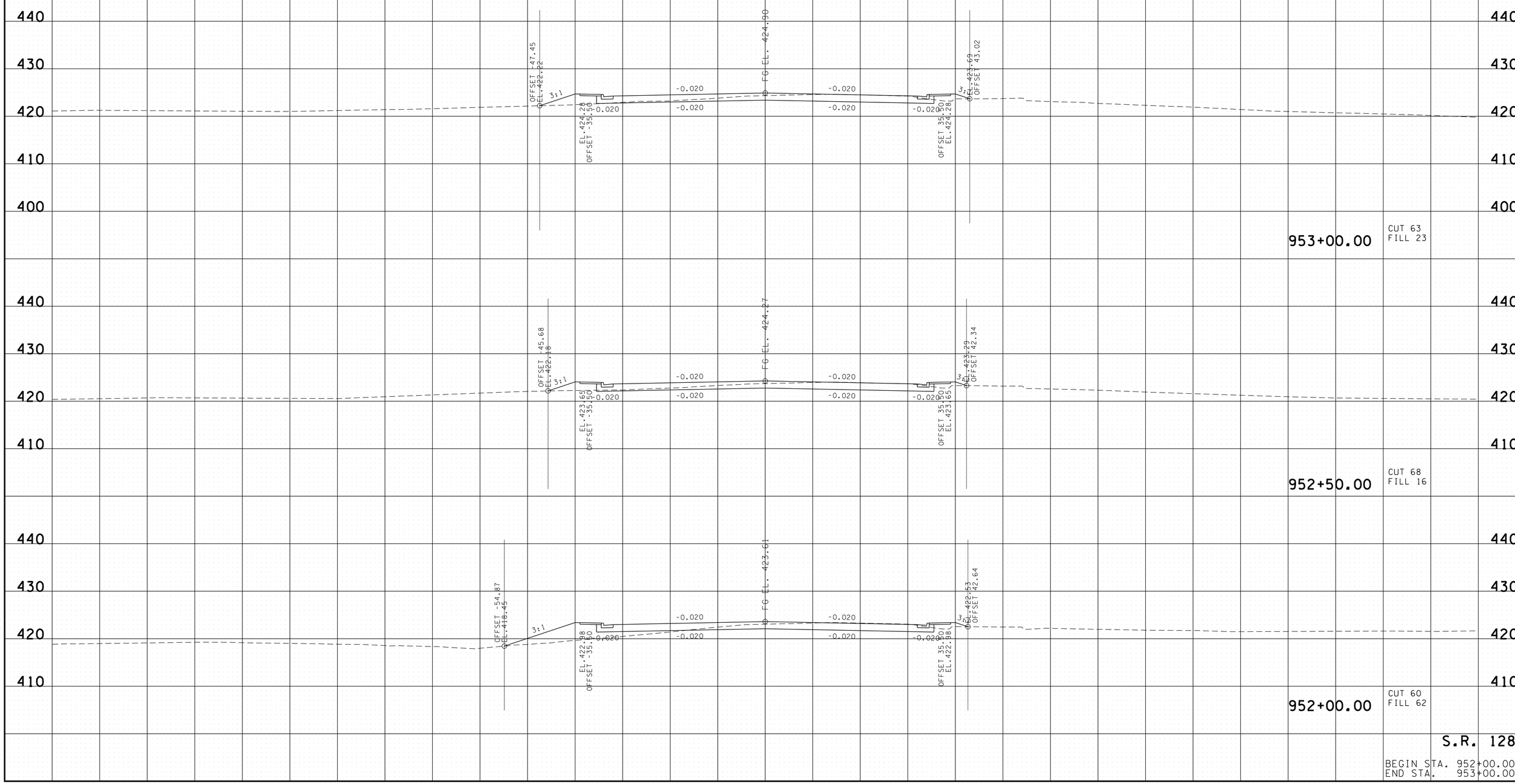
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	203
CONST.	2015	NH-128(27)	71



2/17/2015 11:12:53 AM
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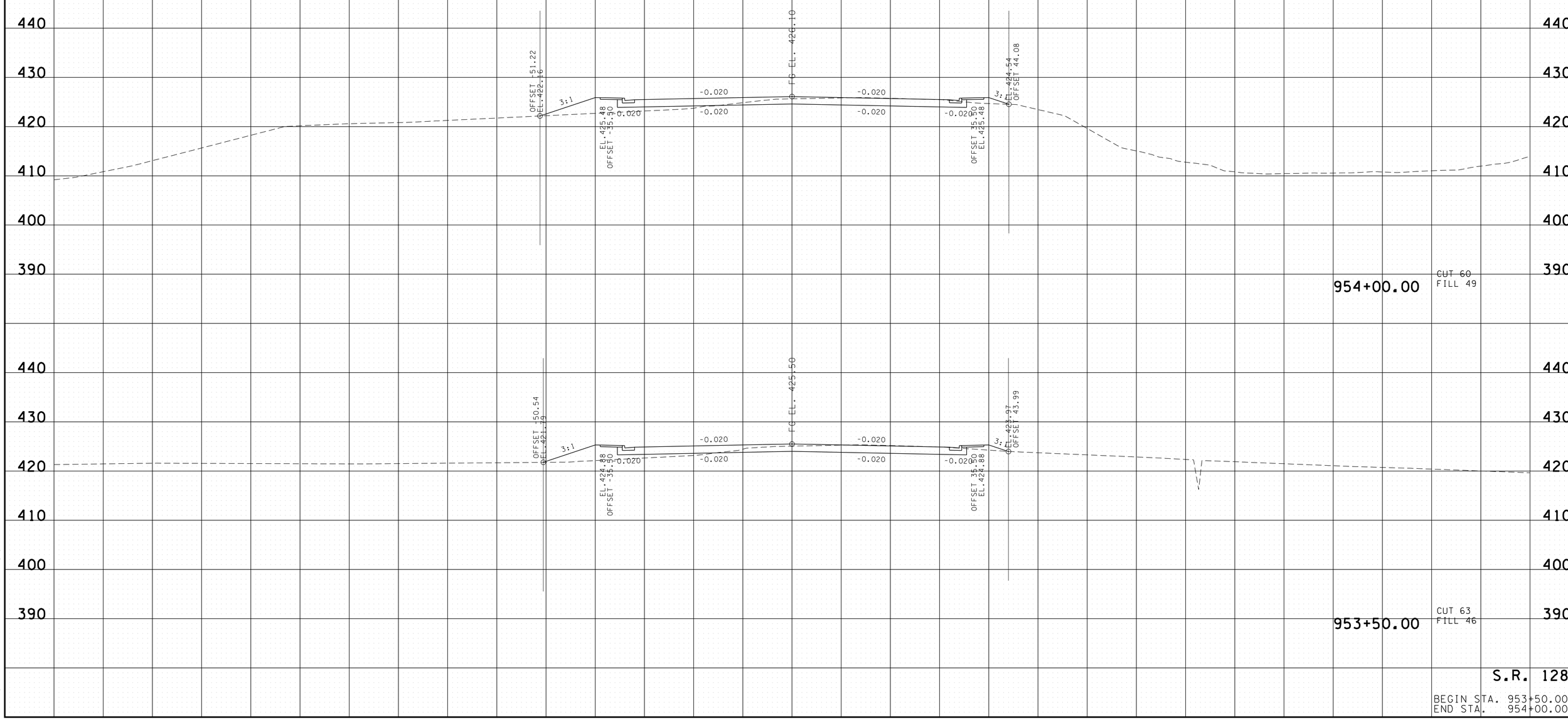
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	204
CONST.	2015	NH-128(27)	72



S.R. 128

BEGIN STA. 953+50.00
END STA. 954+00.00

2/17/2015 11:12:55 AM
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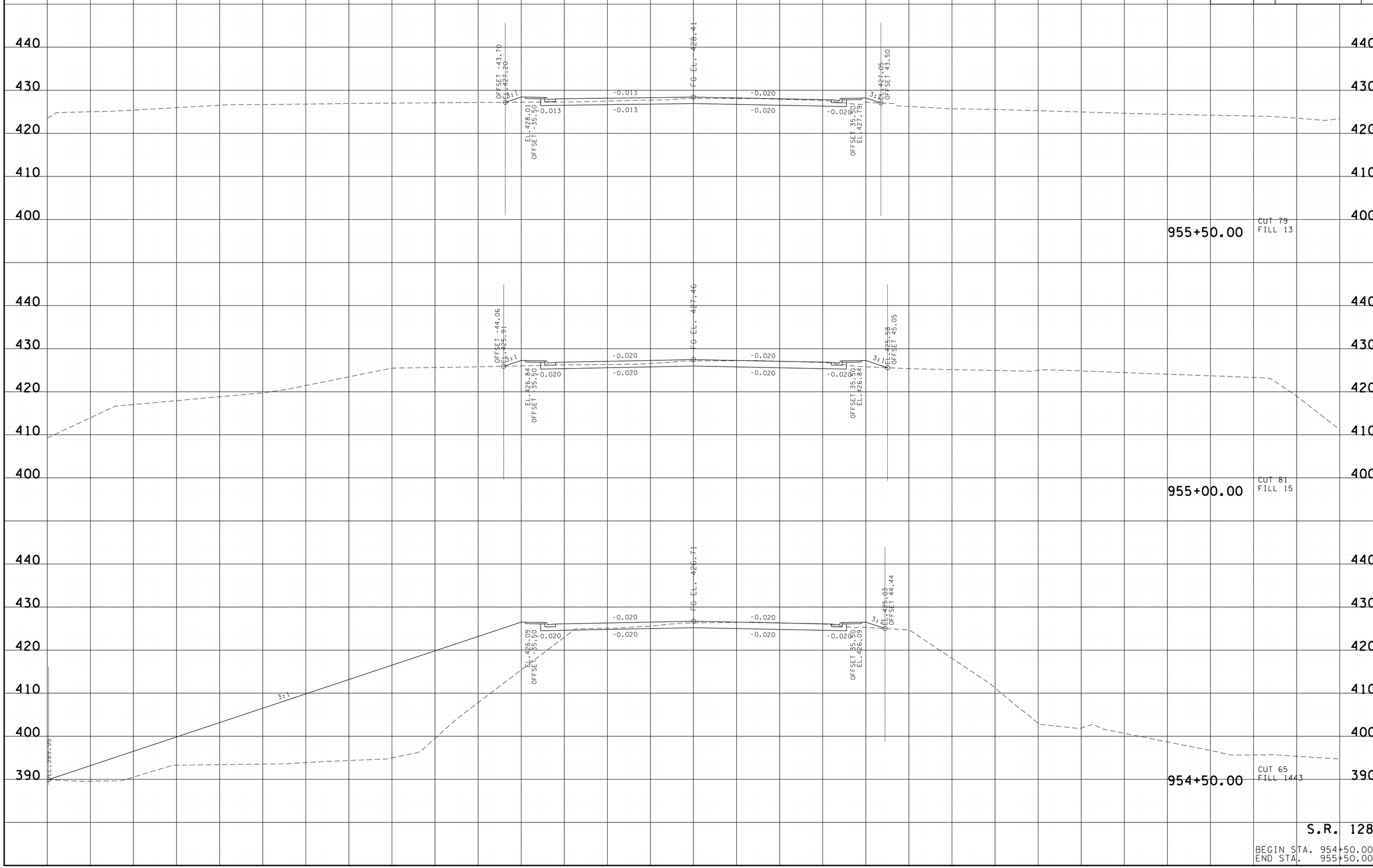
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	205
CONST.	2015	NH-128(27)	73



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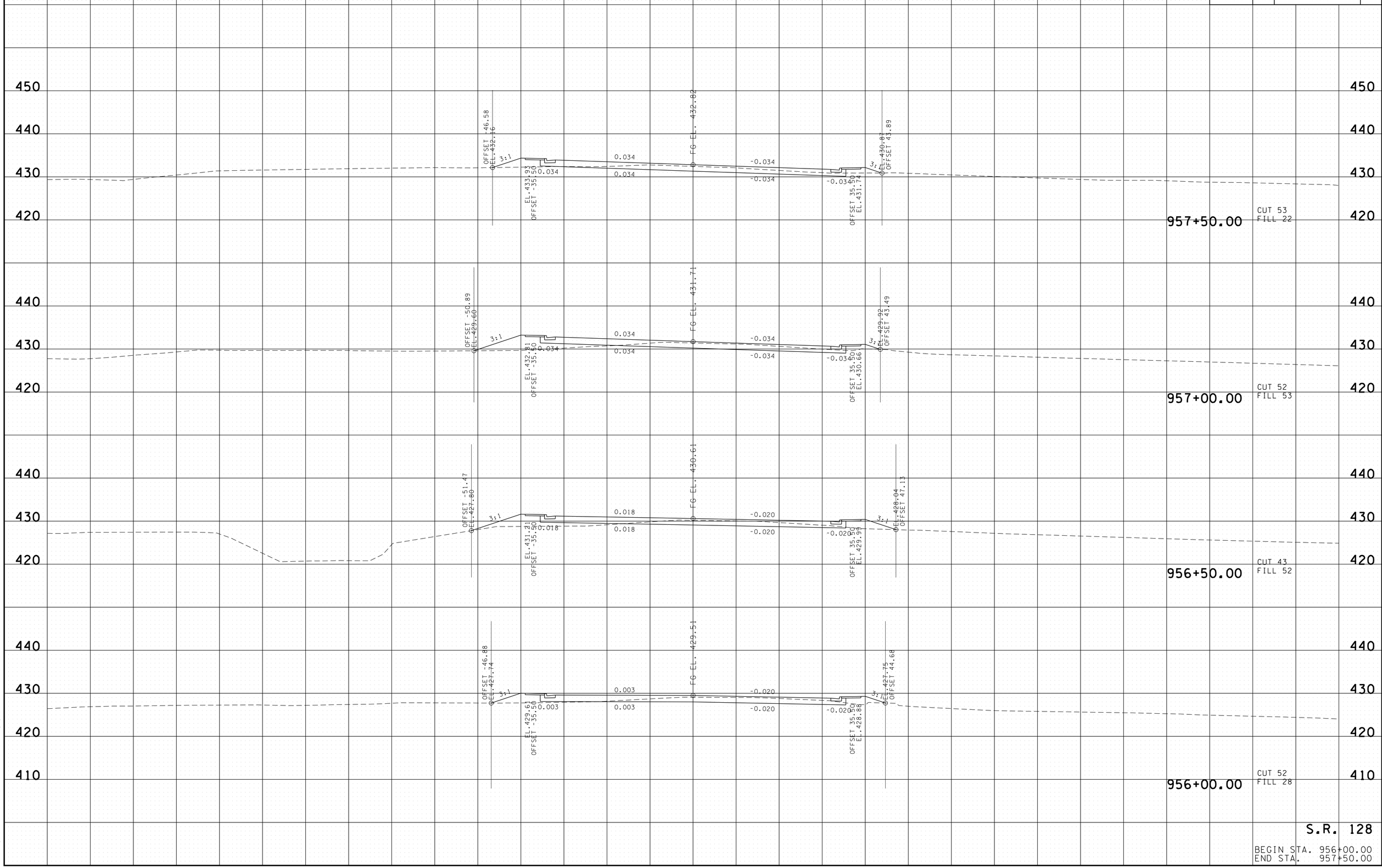
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	206
CONST.	2015	NH-128(27)	74



S.R. 128

BEGIN STA. 956+00.00
END STA. 957+50.00

2/17/2015 11:12:57 AM
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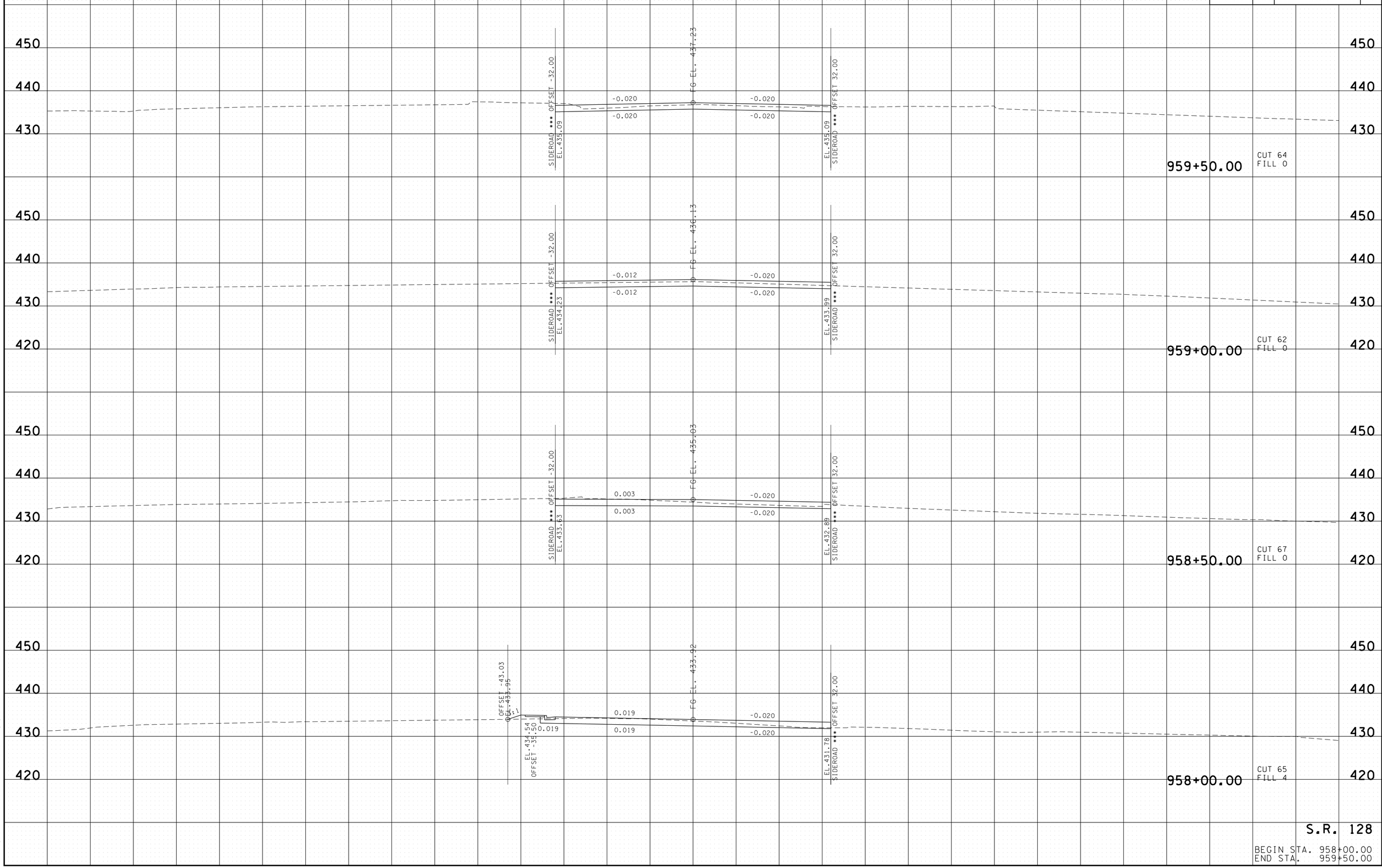
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	207
CONST.	2015	NH-128(27)	75



S.R. 128

BEGIN STA. 958+00.00
END STA. 959+50.00

2/17/2015 11:12:59 AM
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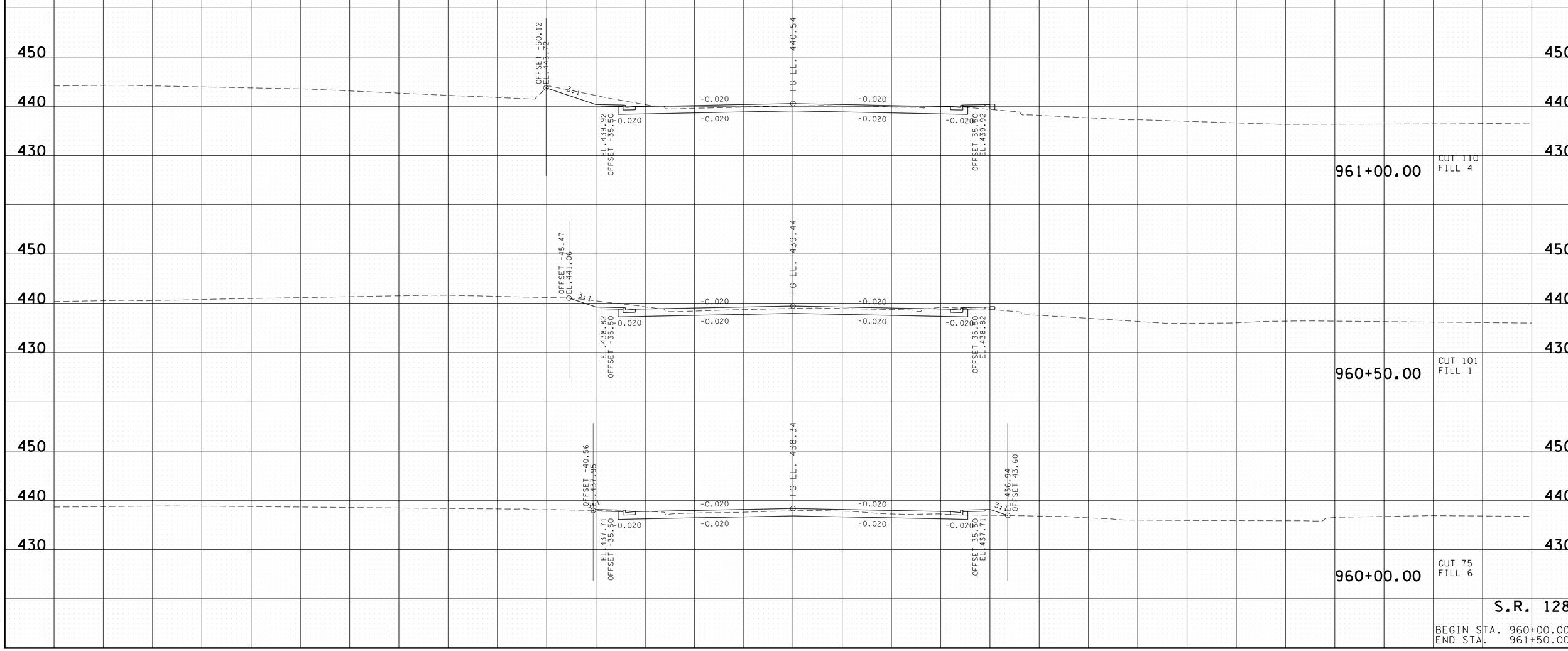
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	208
CONST.	2015	NH-128(27)	76

REV. 05/24/05: ADDED RETAINING WALL TO STA. 960+50 AND 961+00



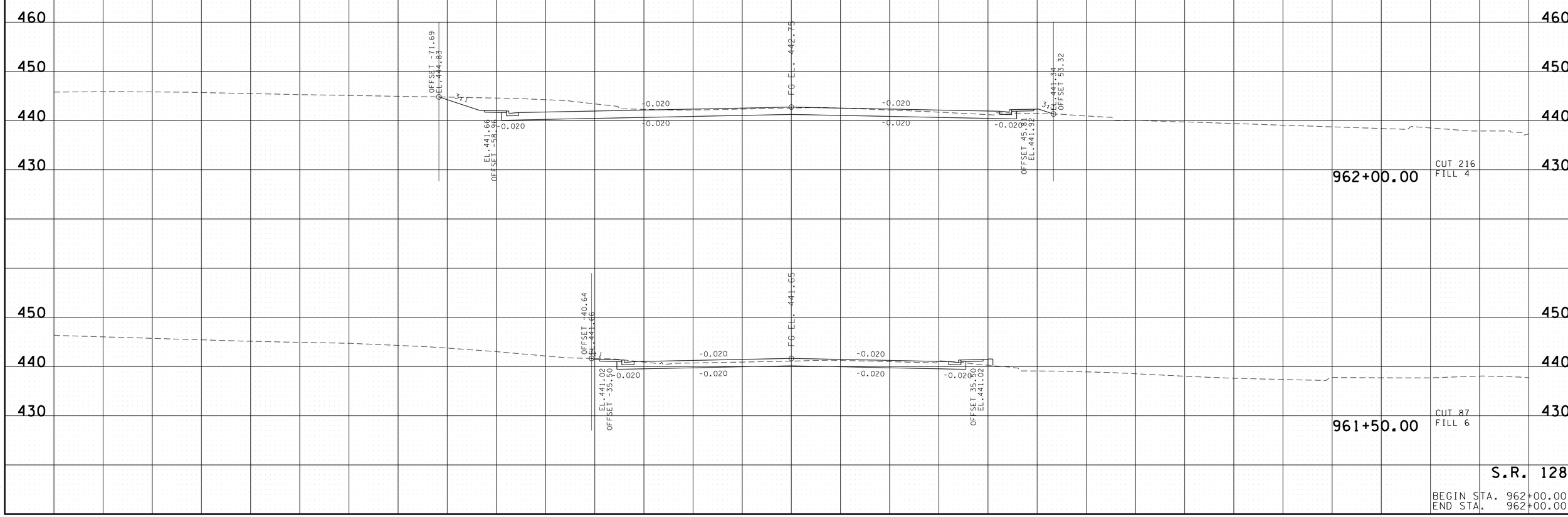
S.R. 128

BEGIN STA. 960+00.00
END STA. 961+50.00

2/17/2015 11:13:00 AM
t:\projects\transportation\drafting\jobs\civil\015j8\construction02\29-MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	209
CONST.	2015	NH-128(27)	77

REV. 05/24/05: ADDED RETAINING WALL TO STA. 961+50

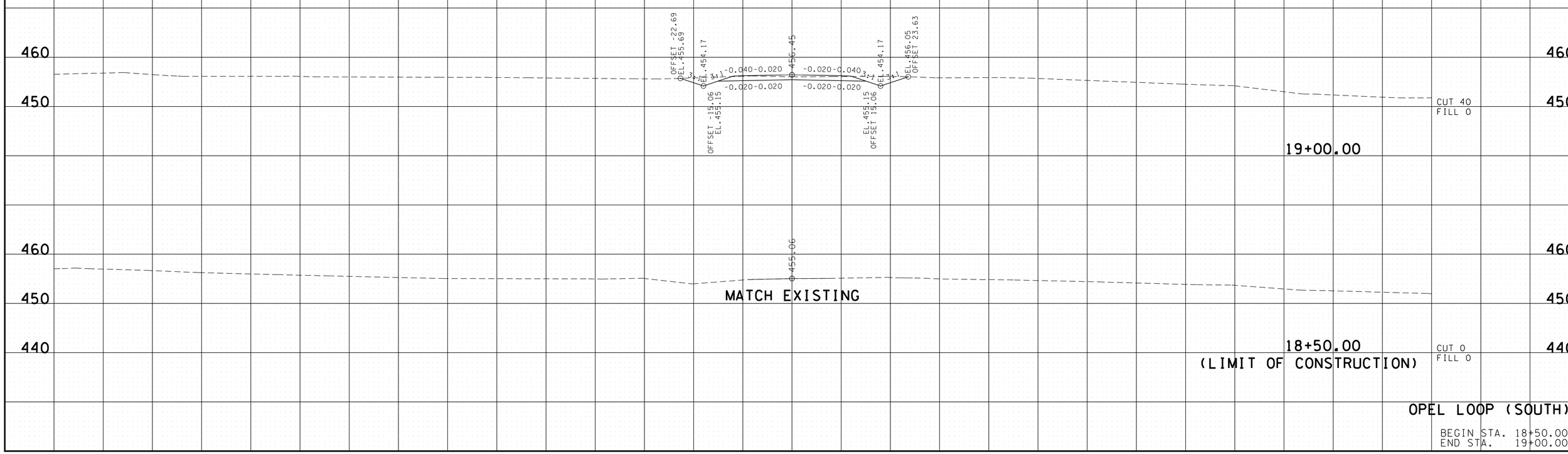


S.R. 128

BEGIN STA. 962+00.00
END STA. 962+00.00

2/17/2015 11:13:02 AM
t:\projects\transportation\drafting\jobs\civil\01518\construction02\29-MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	244
CONST.	2015	NH-128(27)	78

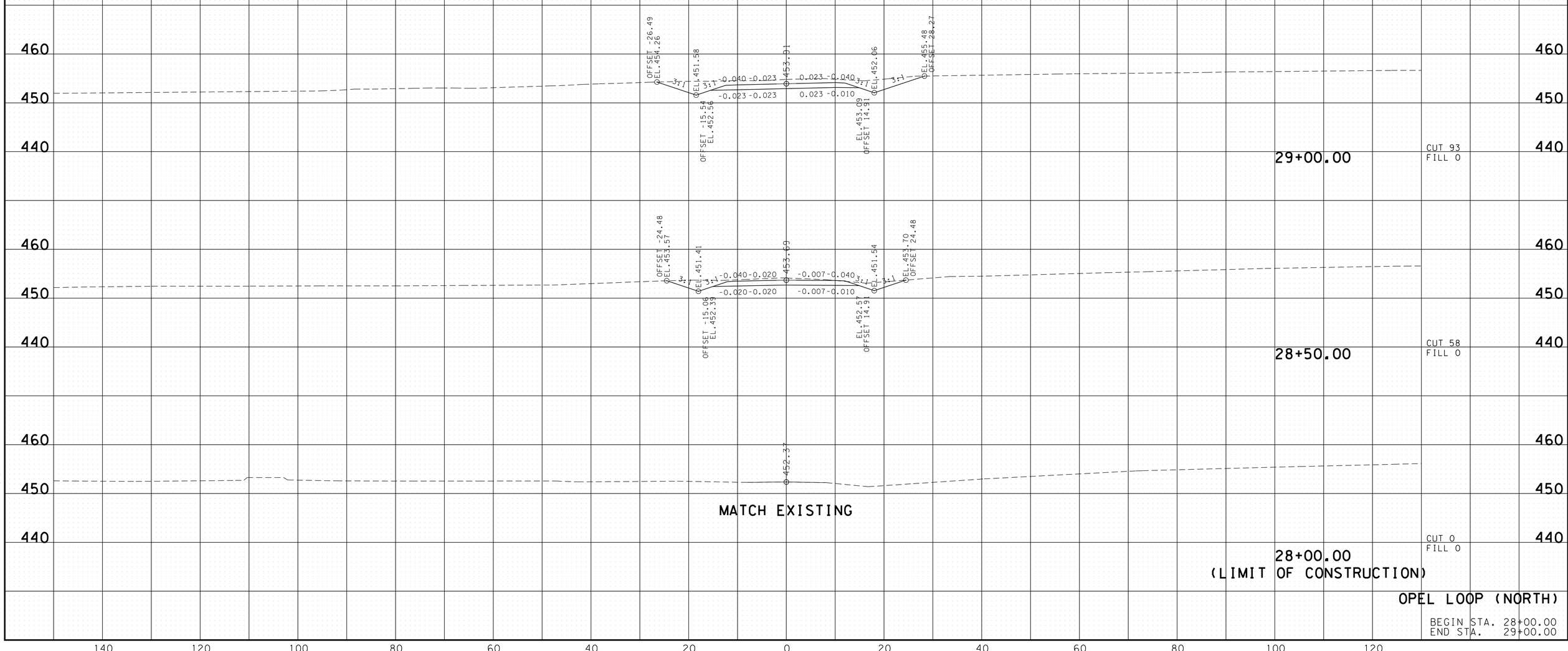


OPEL LOOP (SOUTH)

BEGIN STA. 18+50.00
END STA. 19+00.00

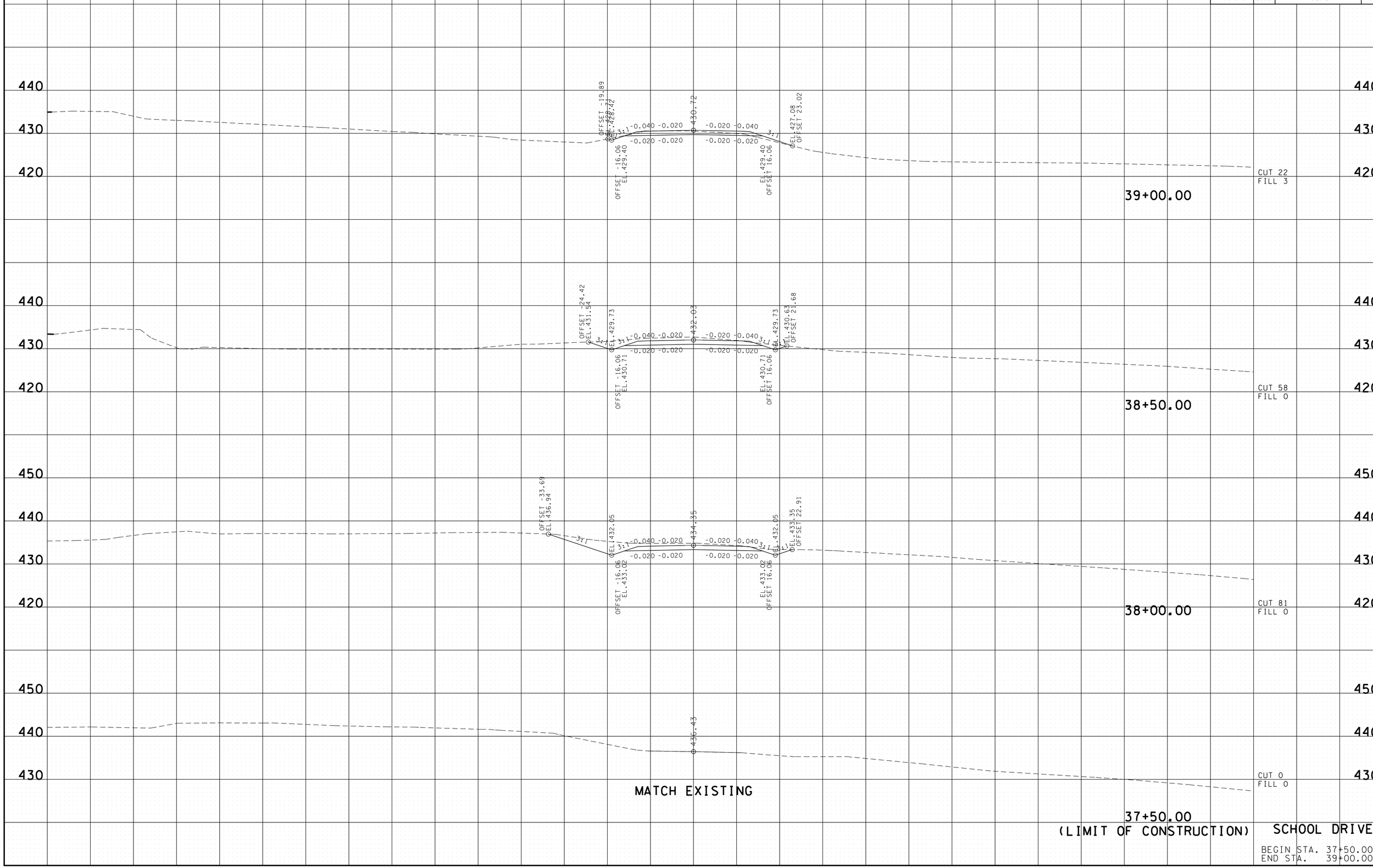
2/17/2015 12:45:46 PM
t:\projects\transportation\drafting\jobs\civil\015i8\construction02\78-opelsXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	245
CONST.	2015	NH-128(27)	79



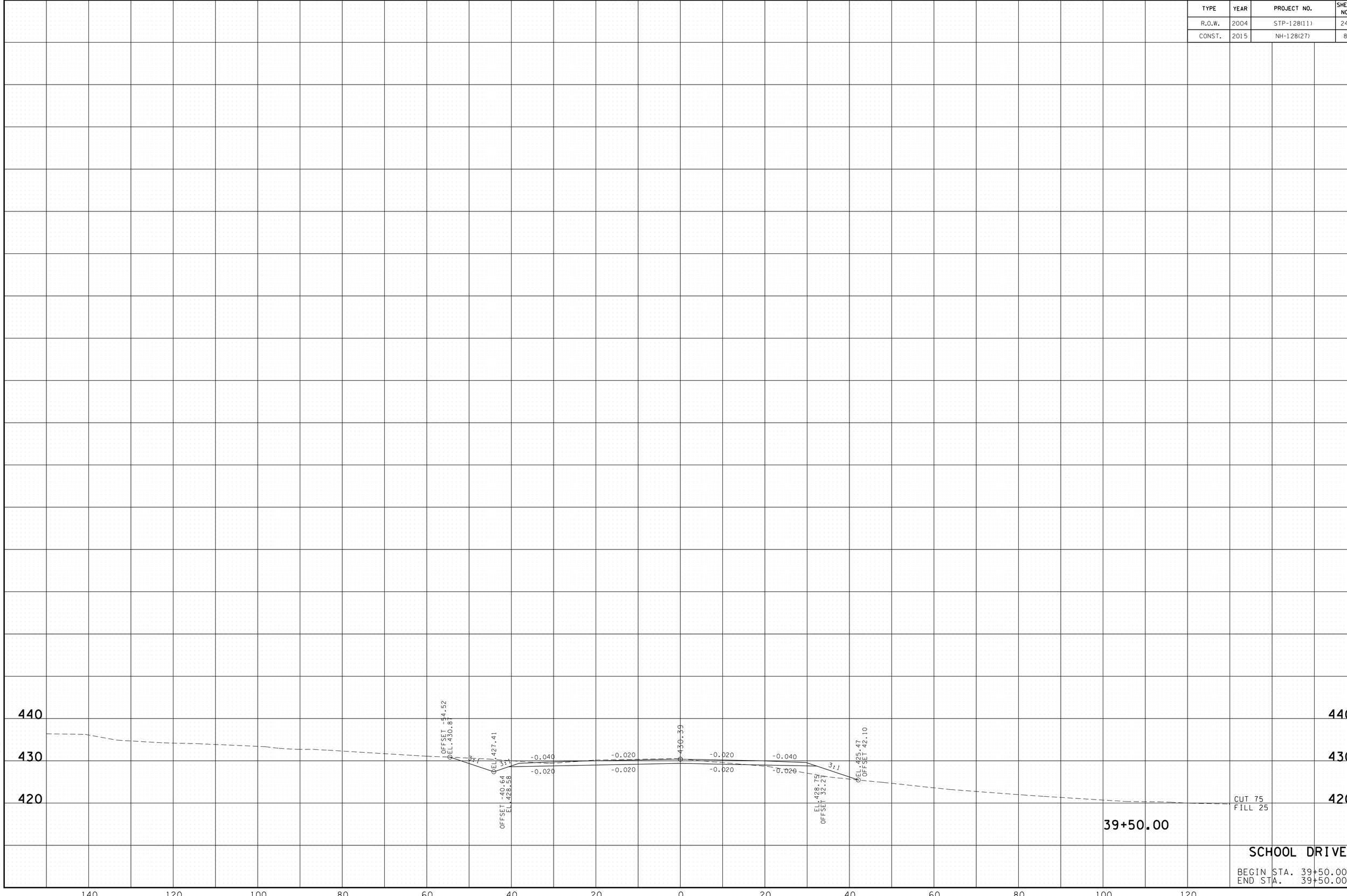
2/17/2015 12:45:48 PM
t:\projects\transportation\drafting\jobs\civil\015j8\construction02\79-opelnXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	246
CONST.	2015	NH-128(27)	80



2/17/2015 12:45:50 PM
t:\projects\transportation\drafting\jobs\civil\0518\construction02\80-school\XS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	247
CONST.	2015	NH-128(27)	81



SCHOOL DRIVE

BEGIN STA. 39+50.00
END STA. 39+50.00

2/17/2015 12:45:52 PM
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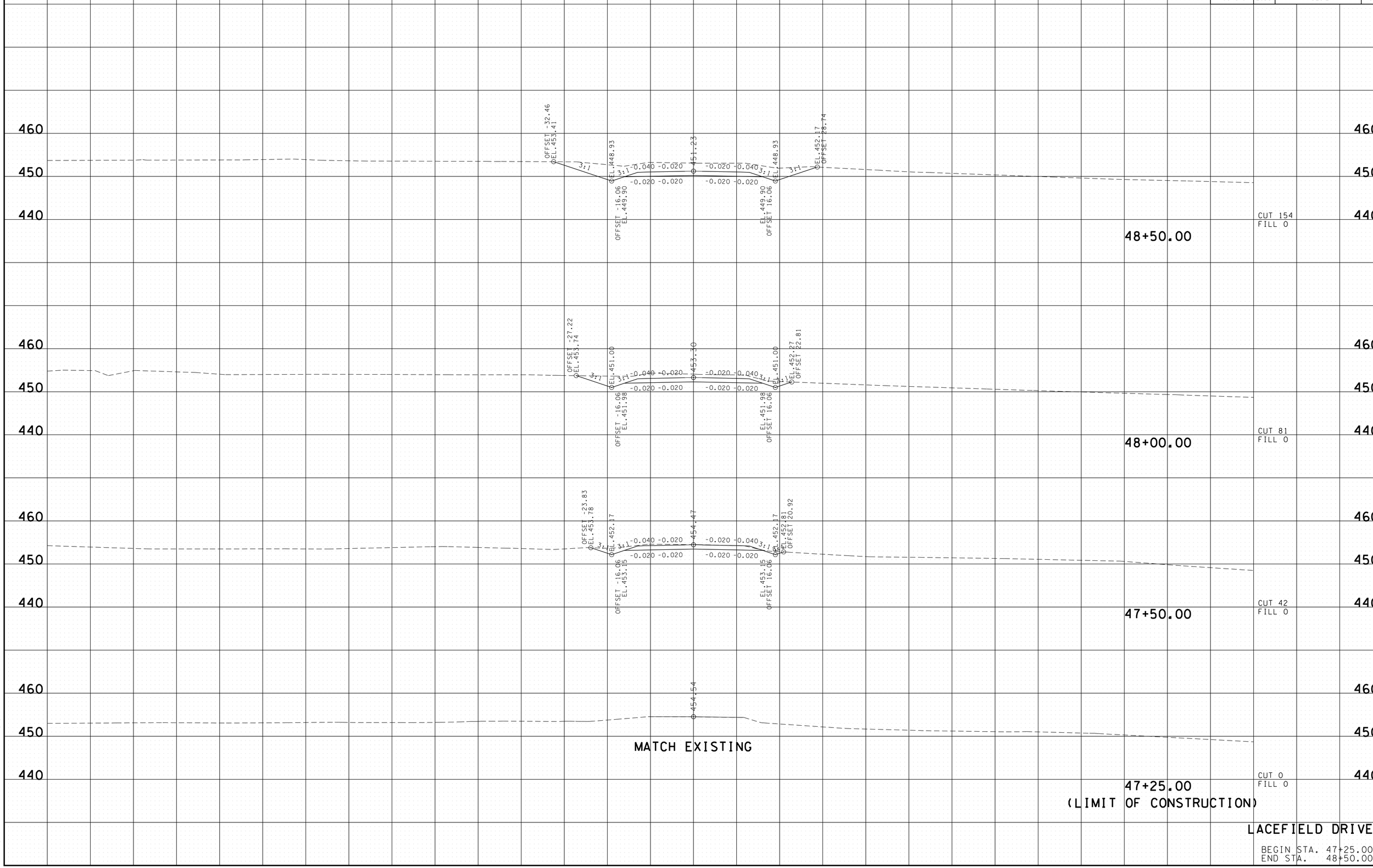
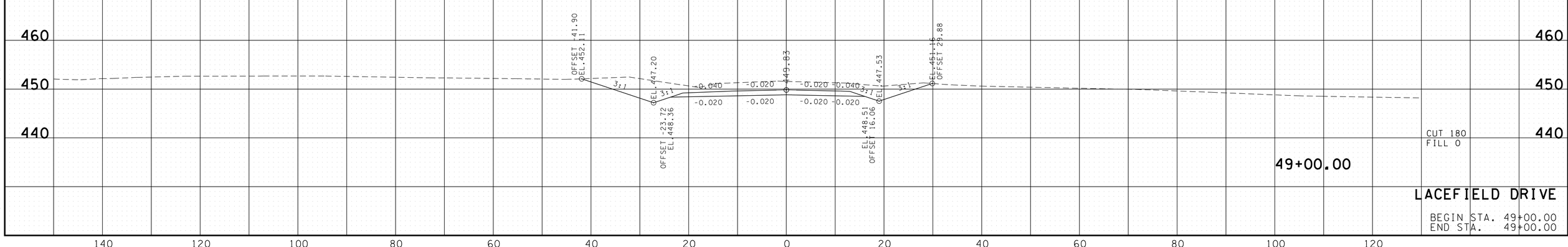
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	248
CONST.	2015	NH-128(27)	82



2/17/2015 12:45:54 PM
t:\projects\transportation\drafting\jobs\civil\015j8\construction02\82-lacefieldXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	249
CONST.	2015	NH-128(27)	83



LACEFIELD DRIVE

BEGIN STA. 49+00.00
END STA. 49+00.00

2/17/2015 12:45:56 PM
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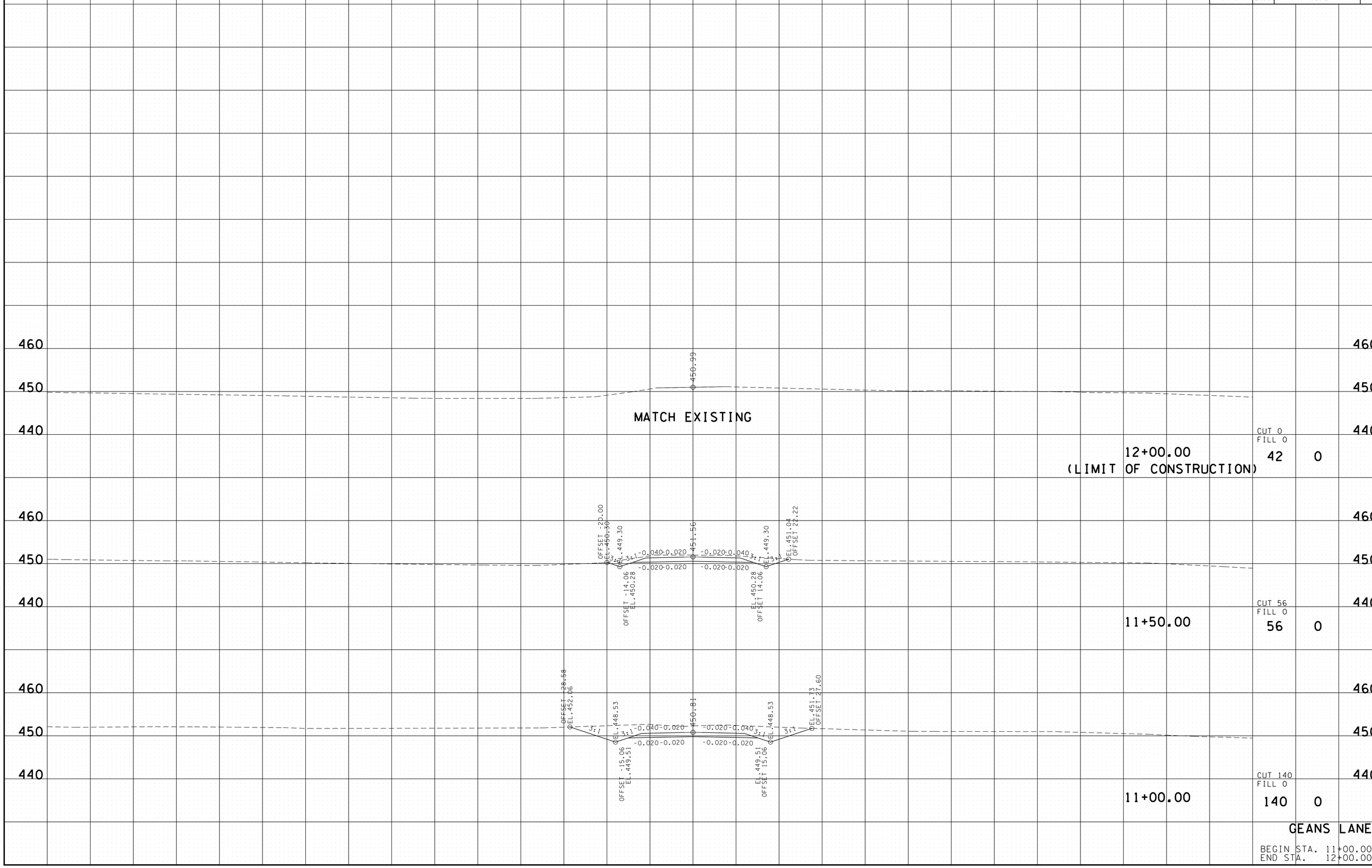
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	250
CONST.	2015	NH-128(27)	84



2/17/2015 12:45:58 PM
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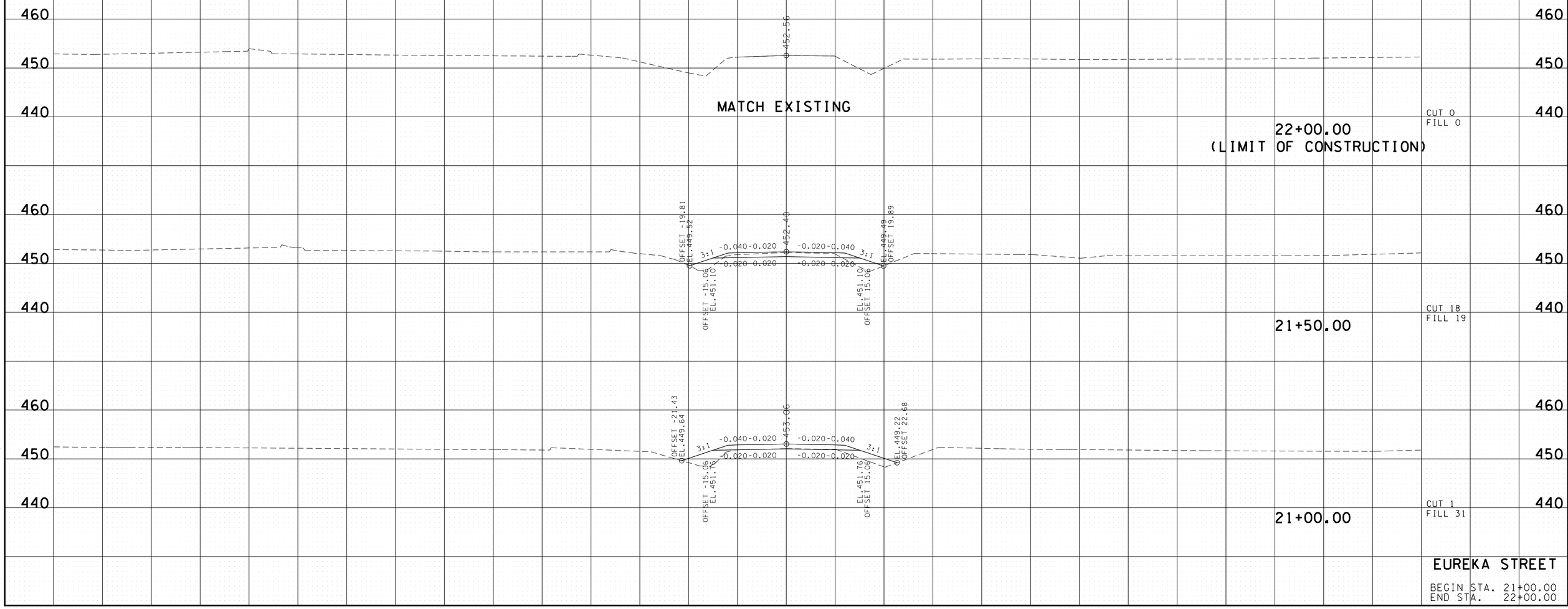
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	251
CONST.	2014	NH-128(27)	85



2/17/2015 12:46:00 PM
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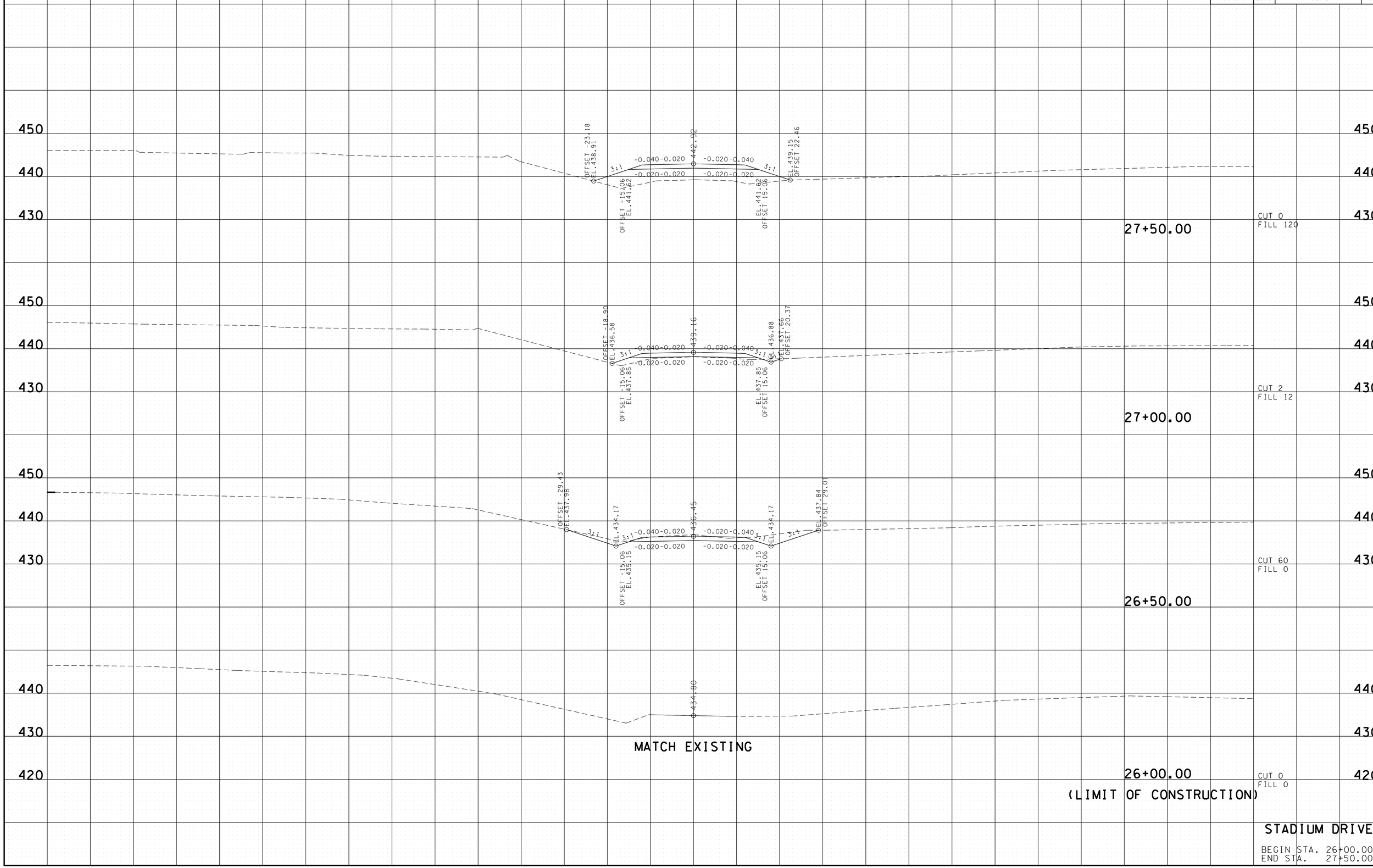
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	252
CONST.	2015	NH-128(27)	86

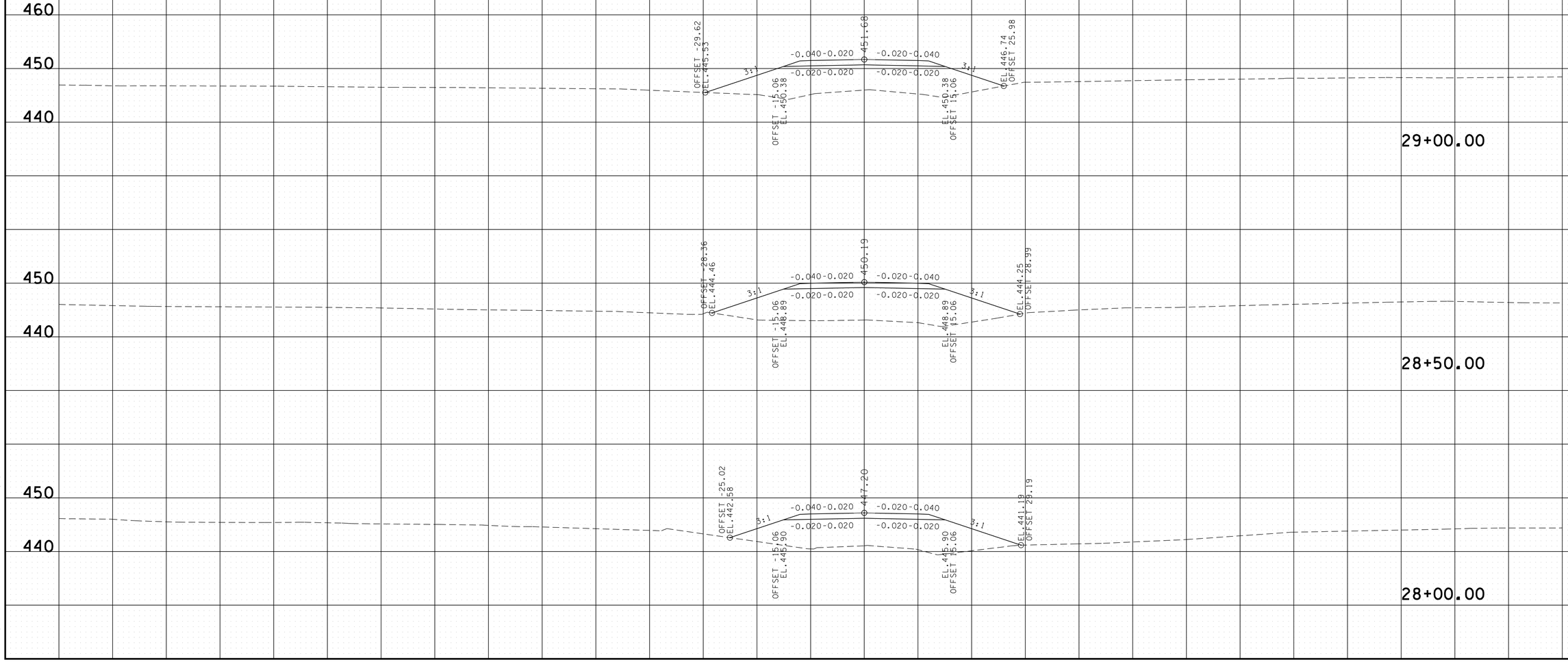


STADIUM DRIVE

BEGIN STA. 26+00.00
END STA. 27+50.00

2/17/2015 12:46:02 PM
t:\projects\transportation\drafting\jobs\civil\0518\construction02\86-stadiumXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	253
CONST.	2015	NH-128(27)	87



2/17/2015 12:46:04 PM
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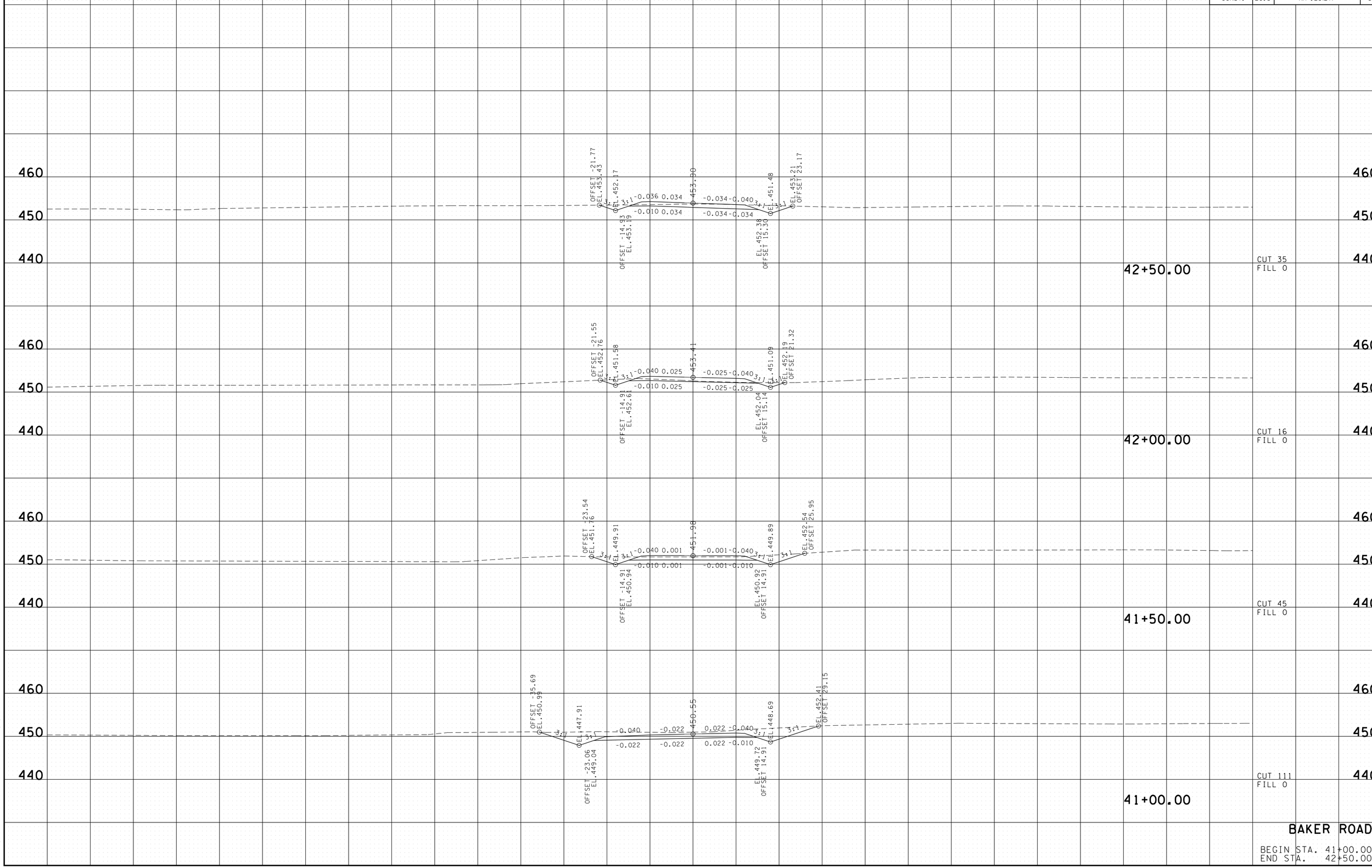
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	254
CONST.	2015	NH-128(27)	88

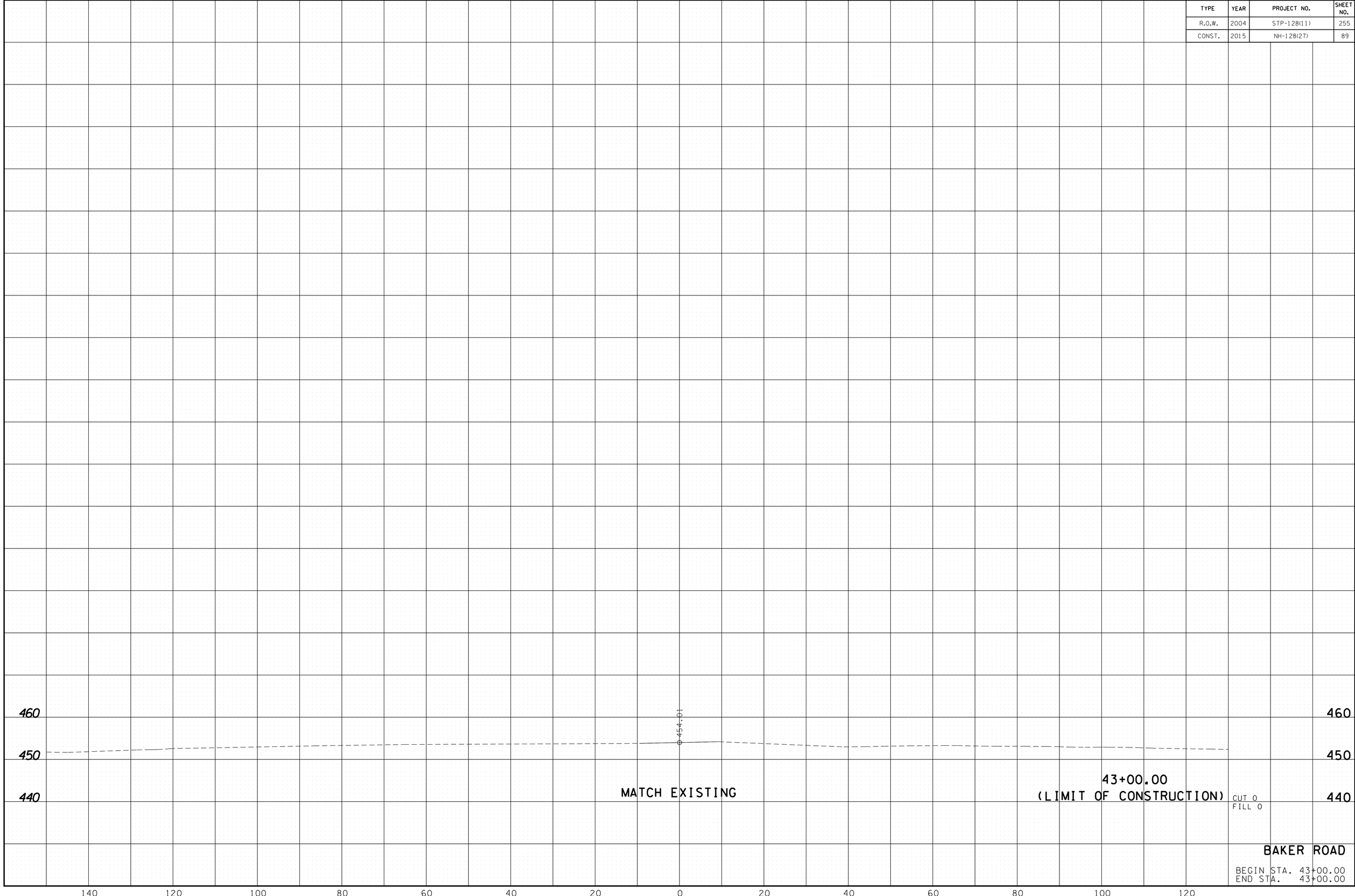


BAKER ROAD

BEGIN STA. 41+00.00
END STA. 42+50.00

2/17/2015 12:46:06 PM
t:\projects\transportation\drafting\jobs\civil\015j8\construction02\88-bakerXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	255
CONST.	2015	NH-128(27)	89



BAKER ROAD

BEGIN STA. 43+00.00
END STA. 43+00.00

2/17/2015 12:46:08 PM
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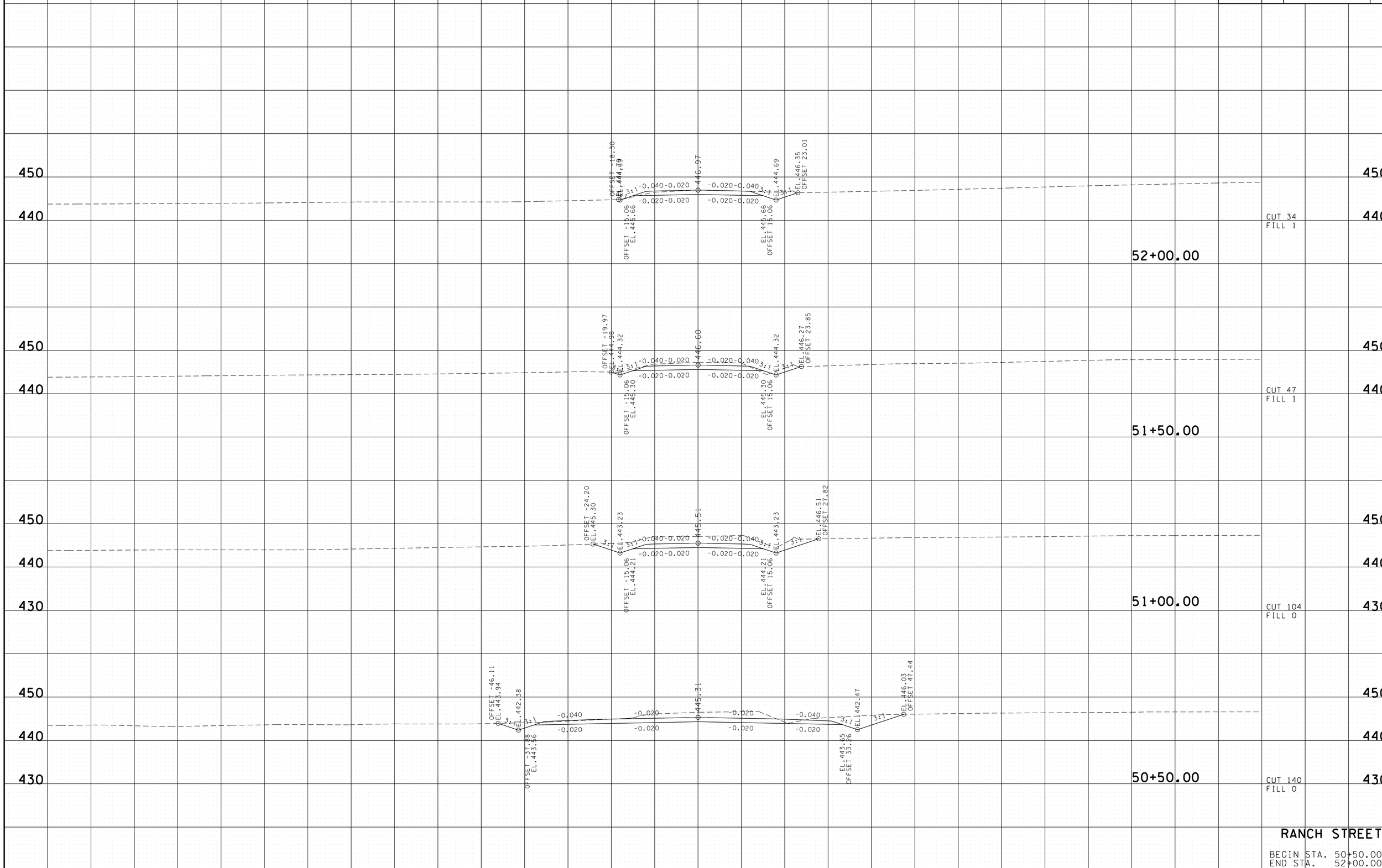
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	256
CONST.	2015	NH-128(27)	90

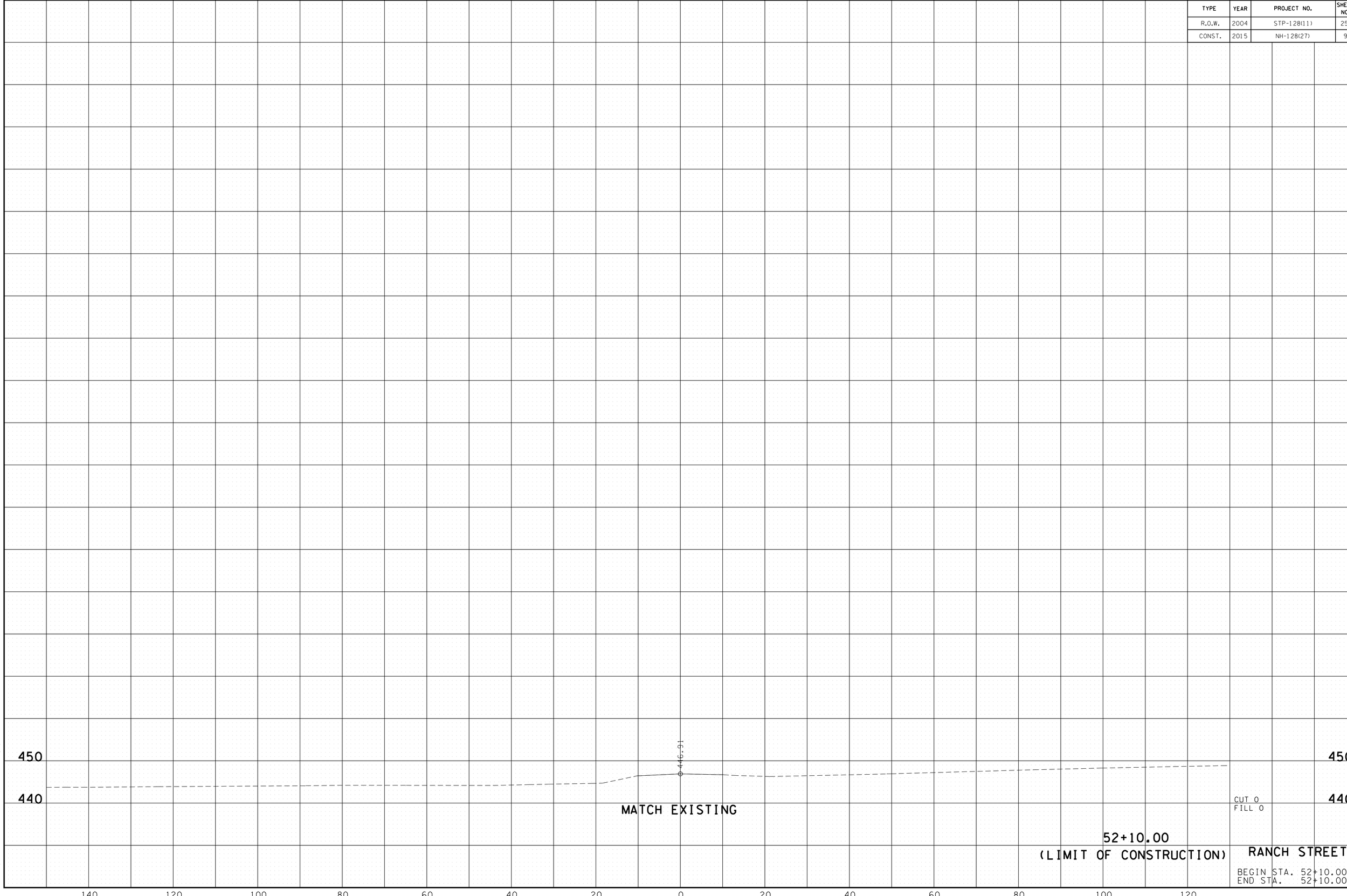


RANCH STREET

BEGIN STA. 50+50.00
END STA. 52+00.00

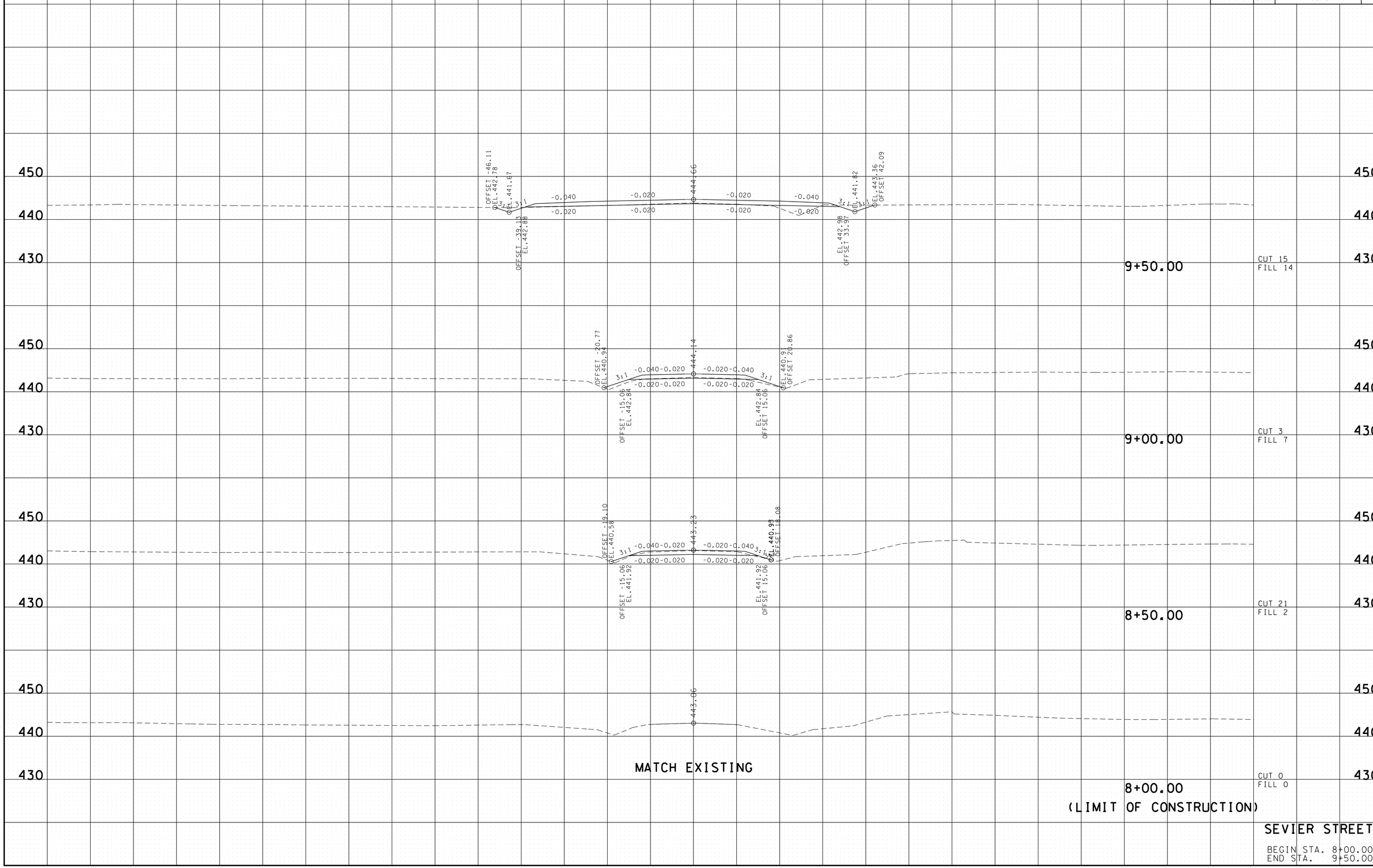
2/17/2015 12:47:45 PM
t:\projects\transportation\drafting\jobs\civil\0518\construction02\90-ranchXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	257
CONST.	2015	NH-128(27)	91



2/17/2015 12:47:47 PM
t:\projects\transportation\drafting\jobs\civil\0158\construction02\90-ranchXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	258
CONST.	2015	NH-128(27)	92

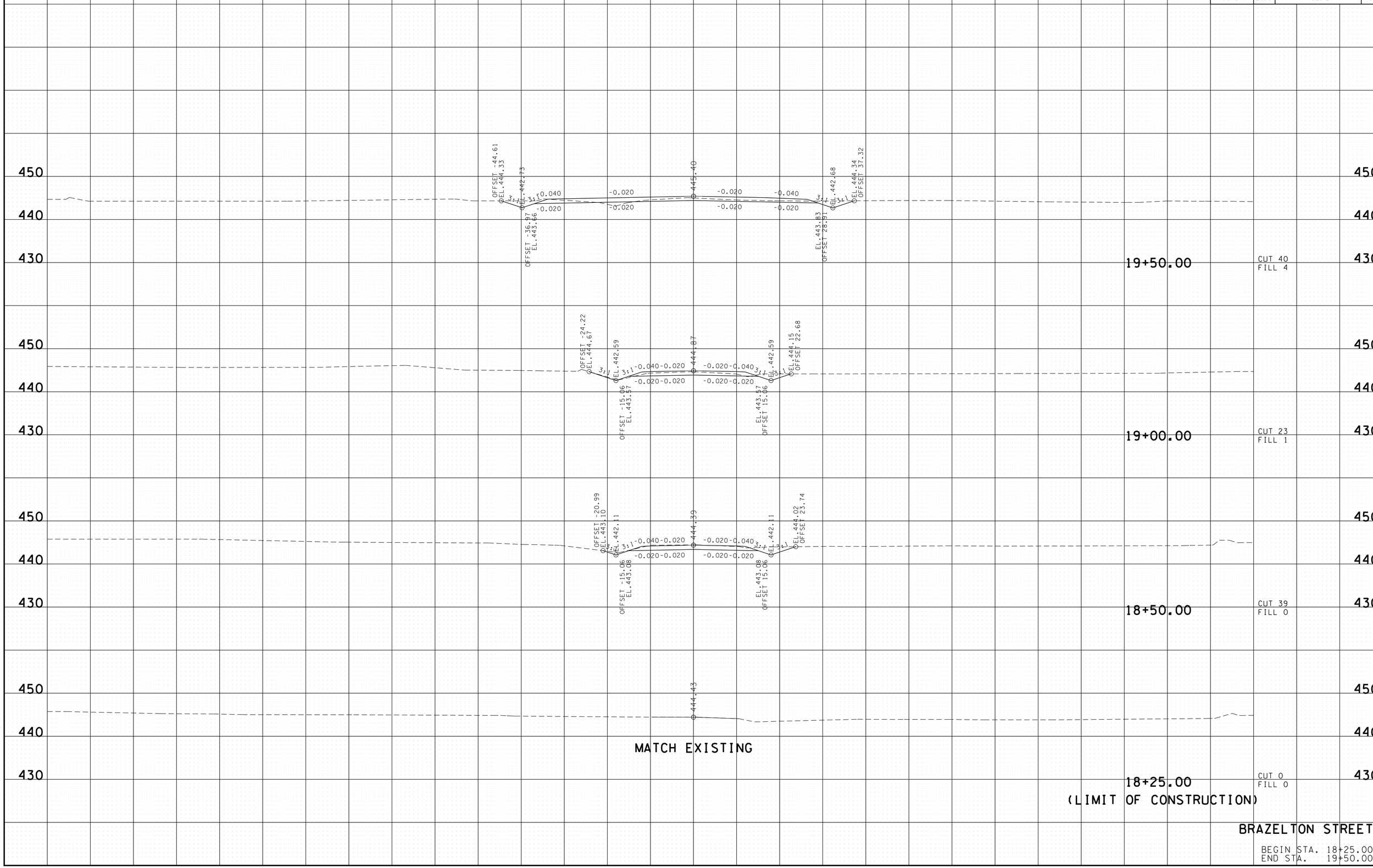


SEVIER STREET

BEGIN STA. 8+00.00
END STA. 9+50.00

2/17/2015 12:47:49 PM
t:\projects\transportation\drafting\jobs\civil\01518\construction02\92-sevierXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	259
CONST.	2015	NH-128(27)	93

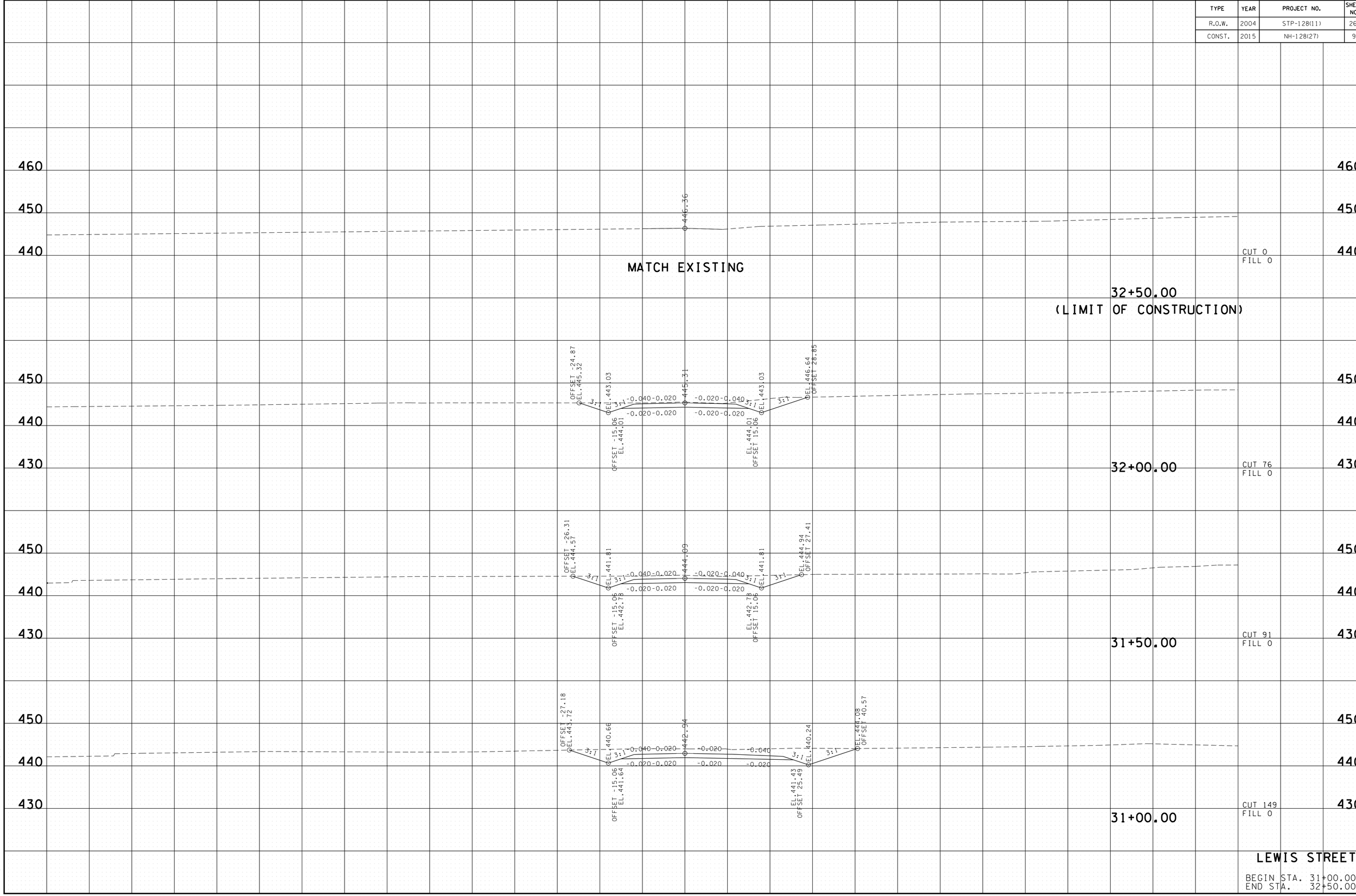


BRAZELTON STREET

BEGIN STA. 18+25.00
END STA. 19+50.00

2/17/2015 12:47:52 PM
t:\projects\transportation\drafting\jobs\civil\0158\construction02\93-brazeltonXS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	260
CONST.	2015	NH-128(27)	94



LEWIS STREET

BEGIN STA. 31+00.00
END STA. 32+50.00

2/17/2015 12:47:54 PM
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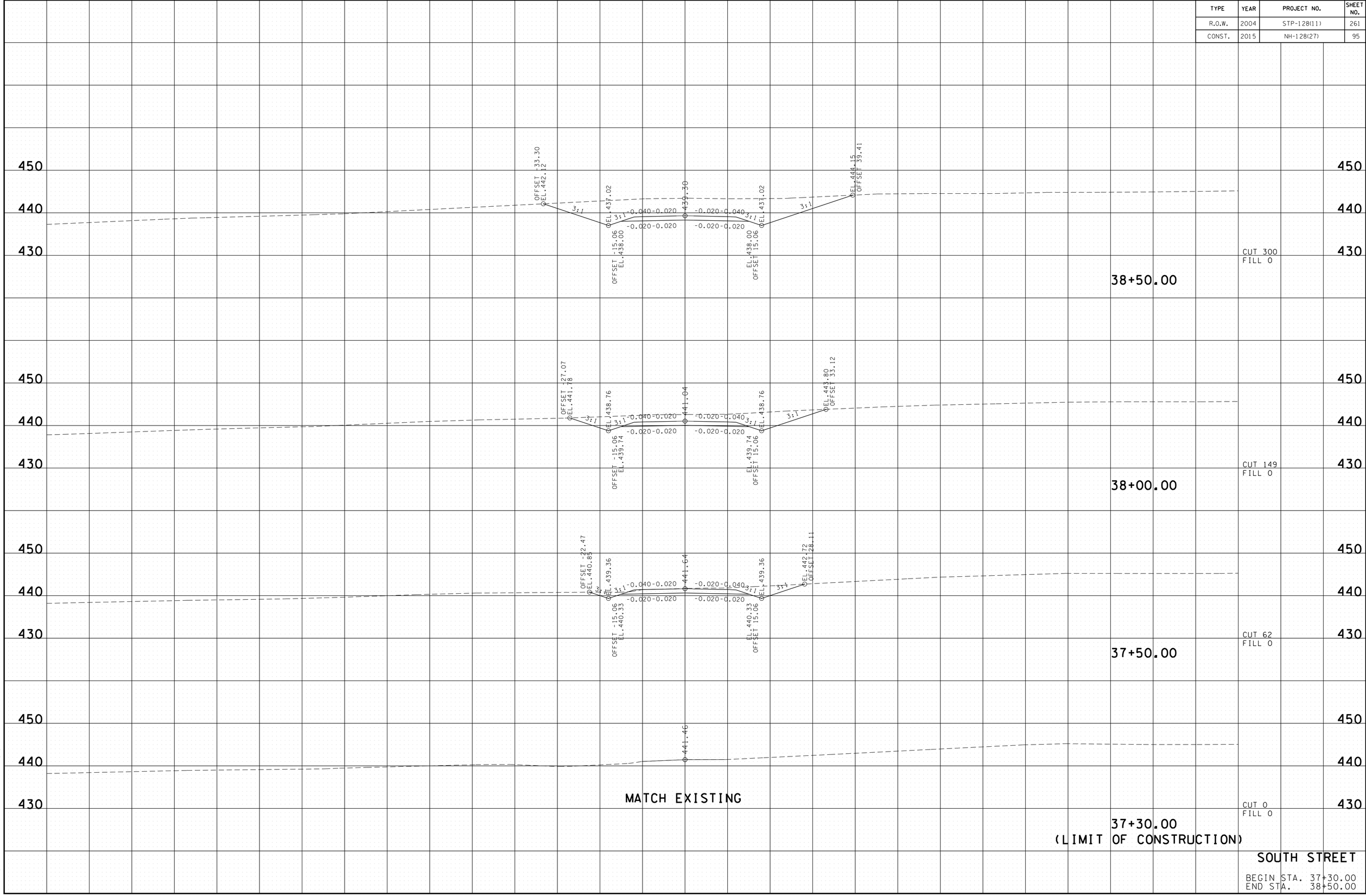
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	261
CONST.	2015	NH-128(27)	95



SOUTH STREET

BEGIN STA. 37+30.00
END STA. 38+50.00

2/17/2015 12:47:56 PM
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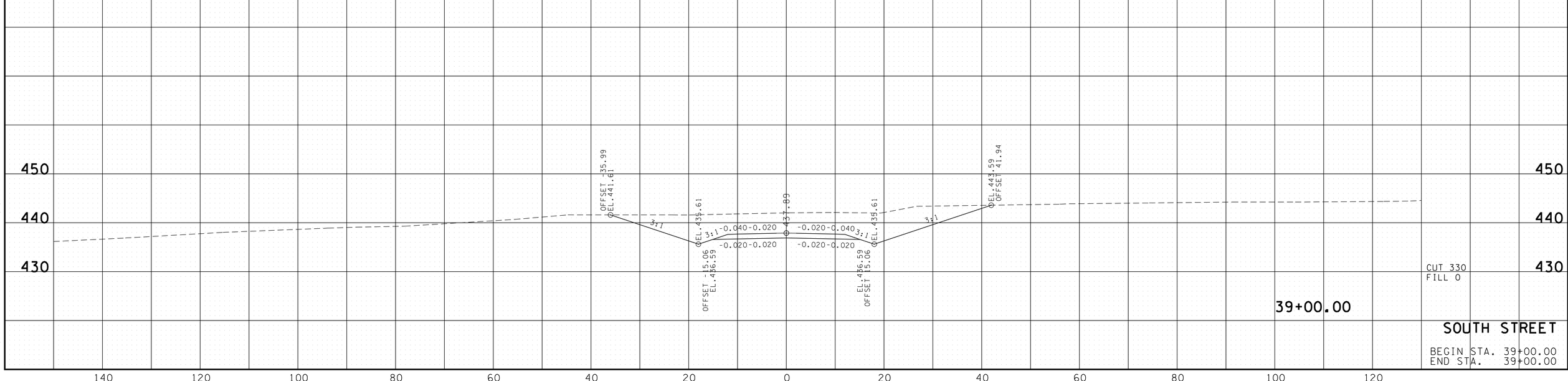
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	262
CONST.	2015	NH-128(27)	96



SOUTH STREET

BEGIN STA. 39+00.00
END STA. 39+00.00

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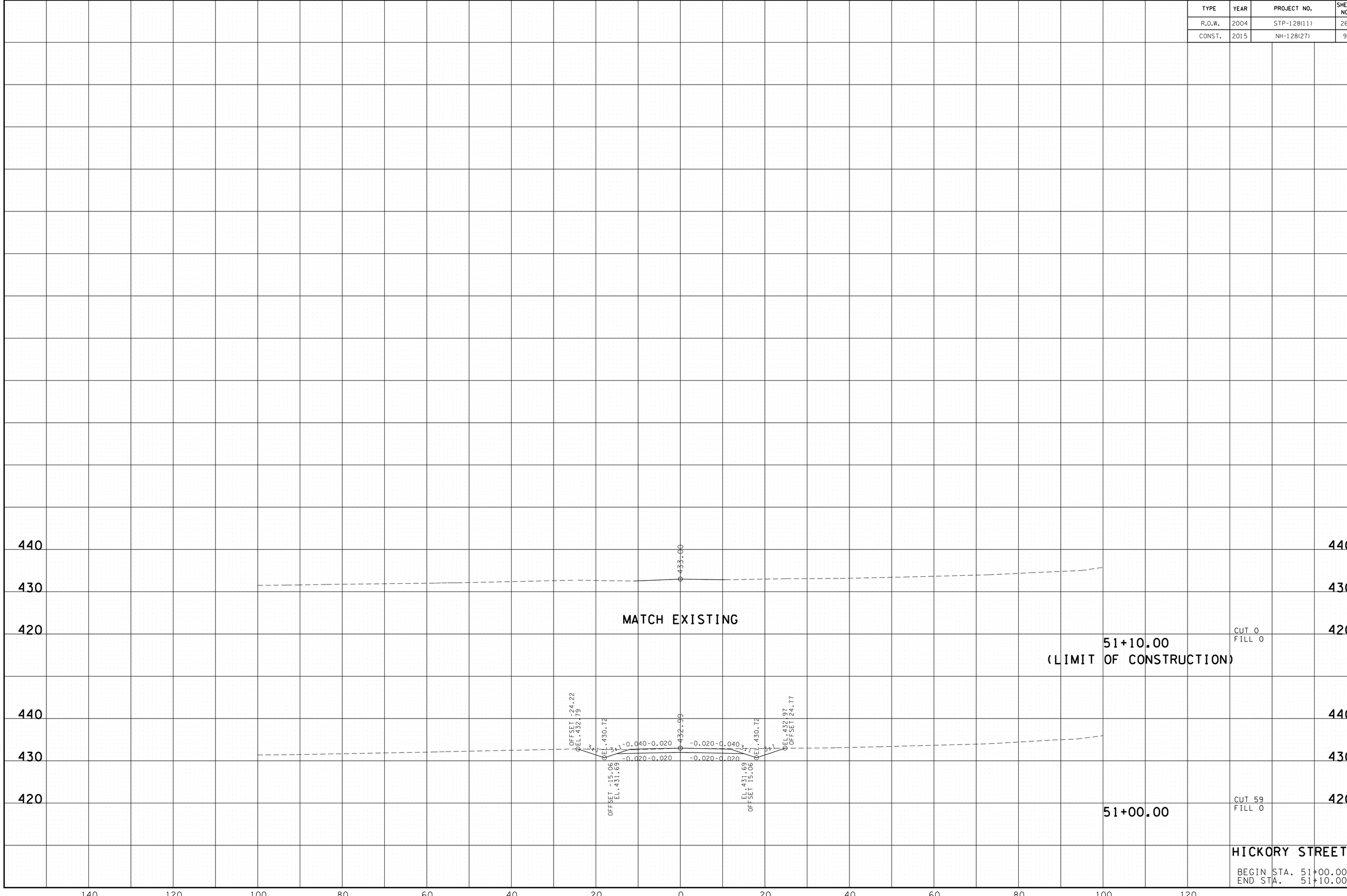
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	263
CONST.	2015	NH-128(27)	97



2/17/2015 12:48:00 PM
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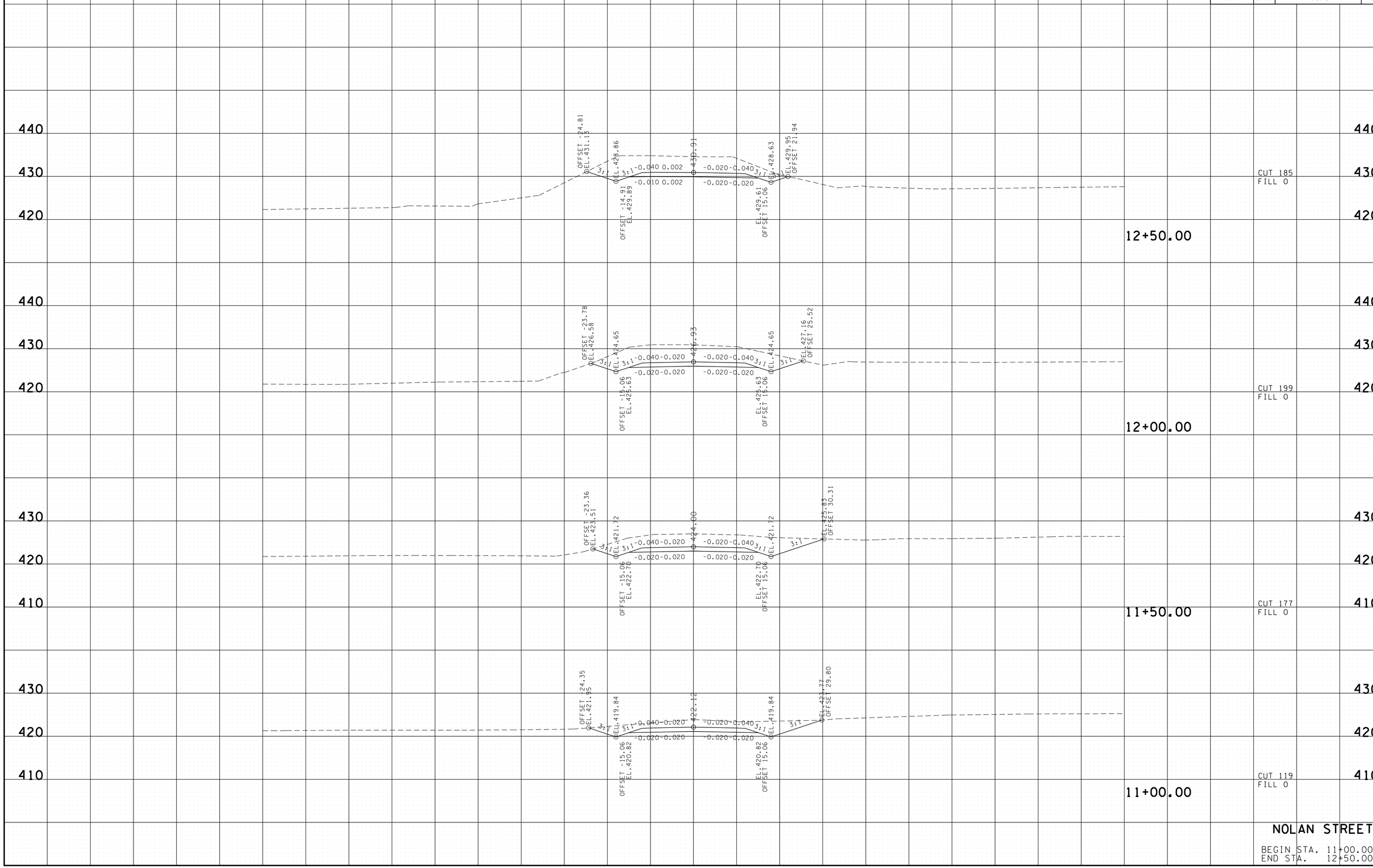
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	264
CONST.	2015	NH-128(27)	98



NOLAN STREET

BEGIN STA. 11+00.00
END STA. 12+50.00

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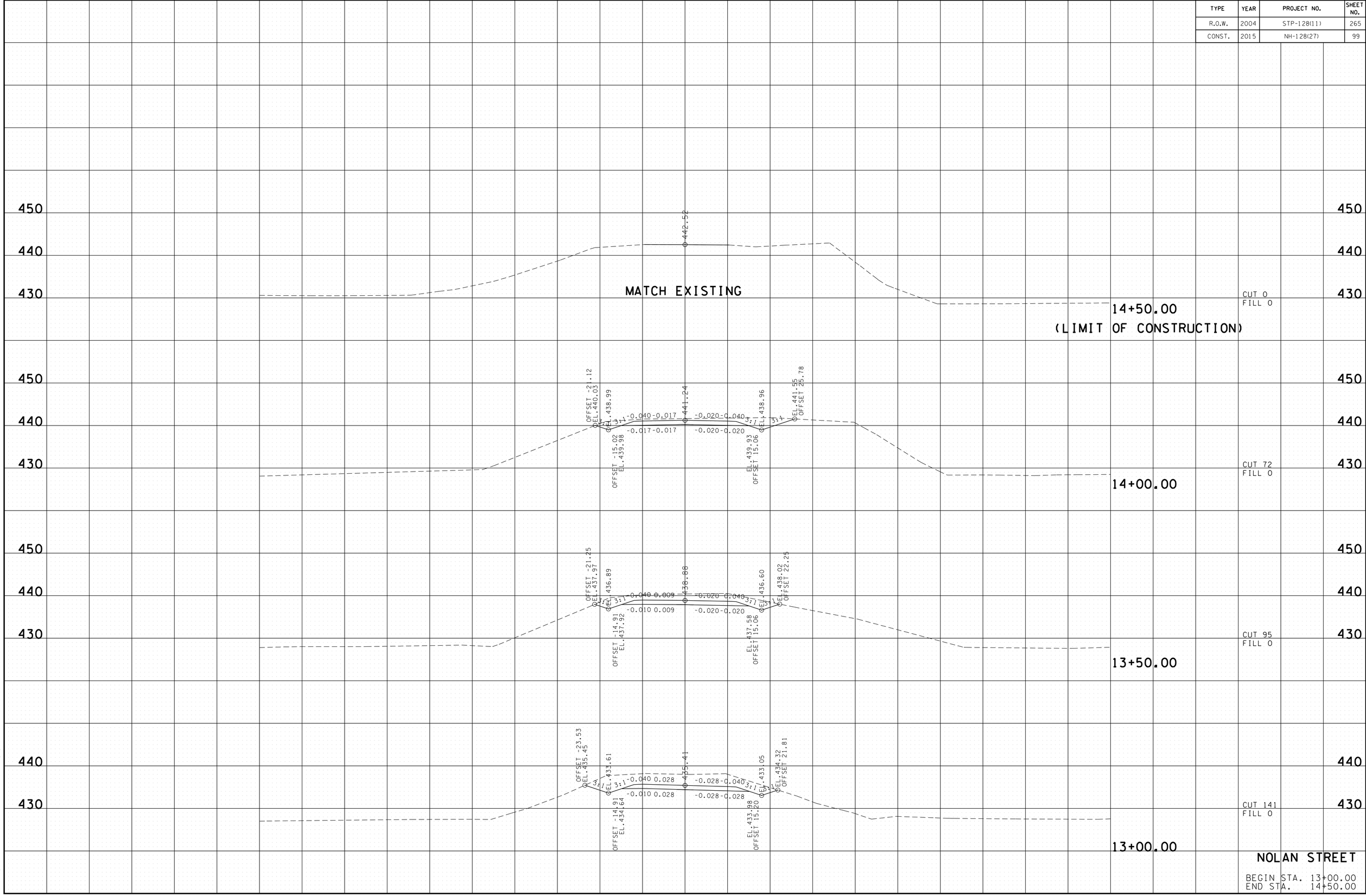
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	265
CONST.	2015	NH-128(27)	99



NOLAN STREET

BEGIN STA. 13+00.00
END STA. 14+50.00

2/17/2015 12:48:03 PM
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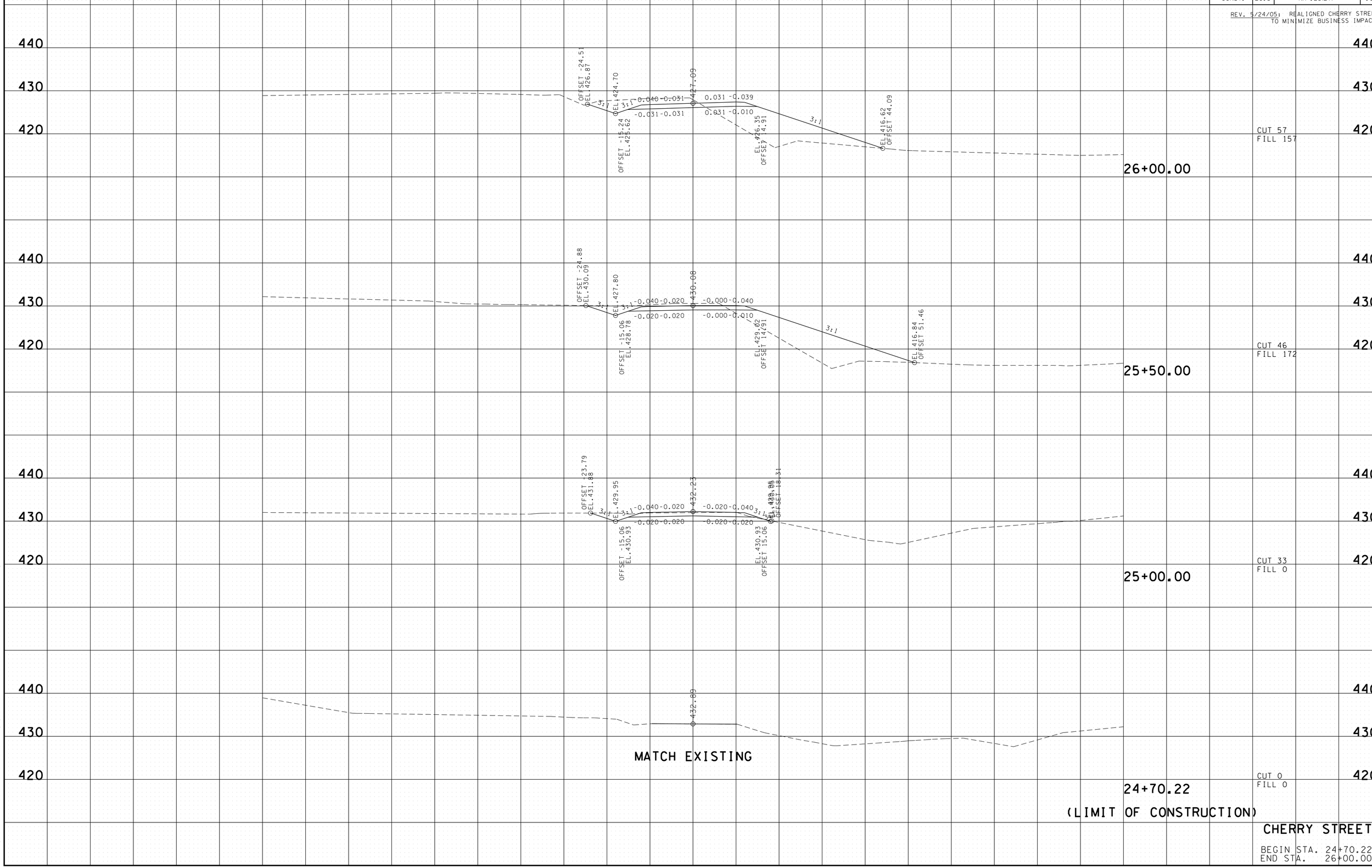
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	266
CONST.	2015	NH-128(27)	100

REV. 5/24/05: REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT.



CHERRY STREET

BEGIN STA. 24+70.22
END STA. 26+00.00

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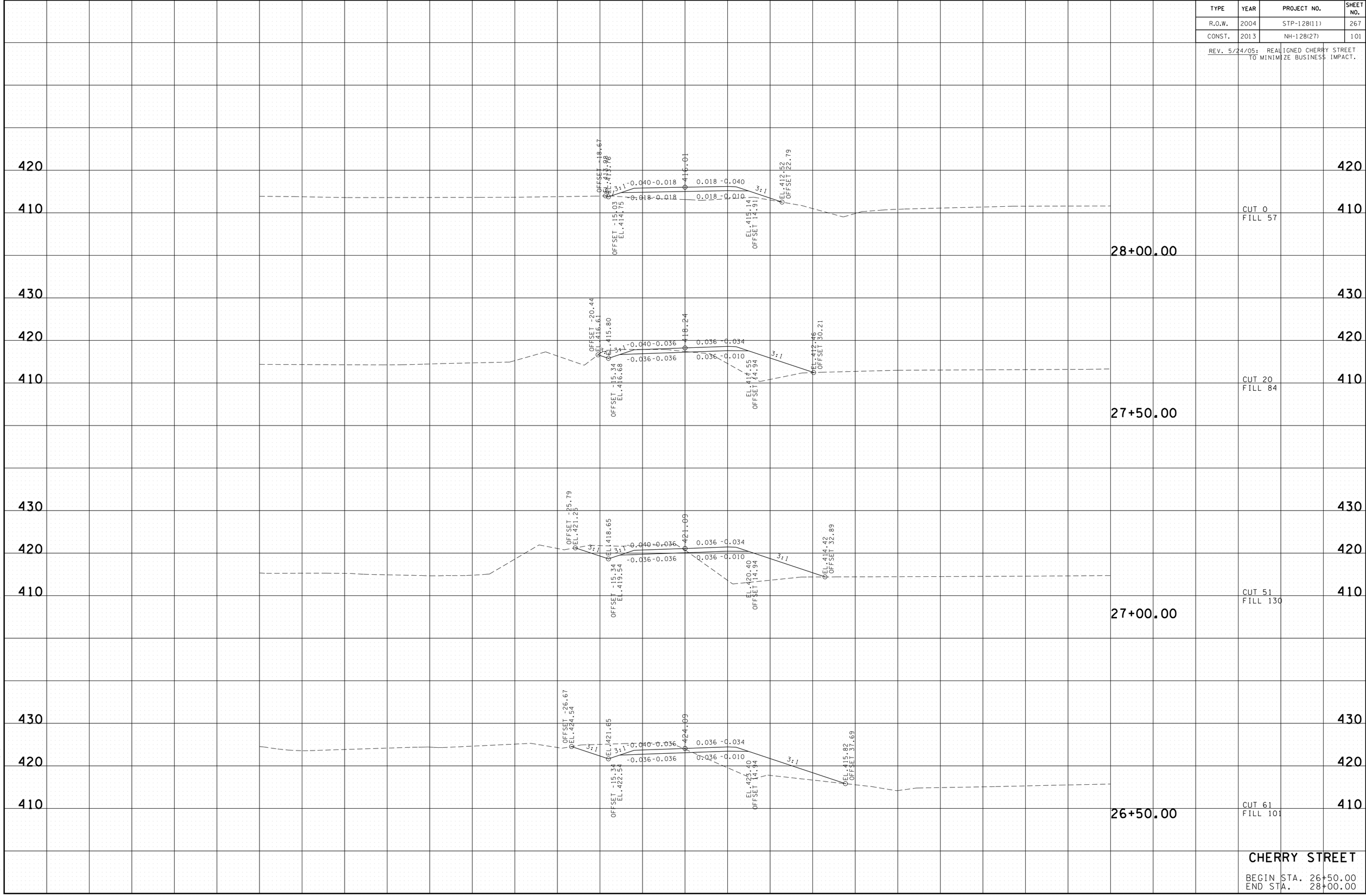
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	267
CONST.	2013	NH-128(27)	101

REV. 5/24/05: REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT.



CHERRY STREET

BEGIN STA. 26+50.00
END STA. 28+00.00

2/17/2015 12:49:06 PM
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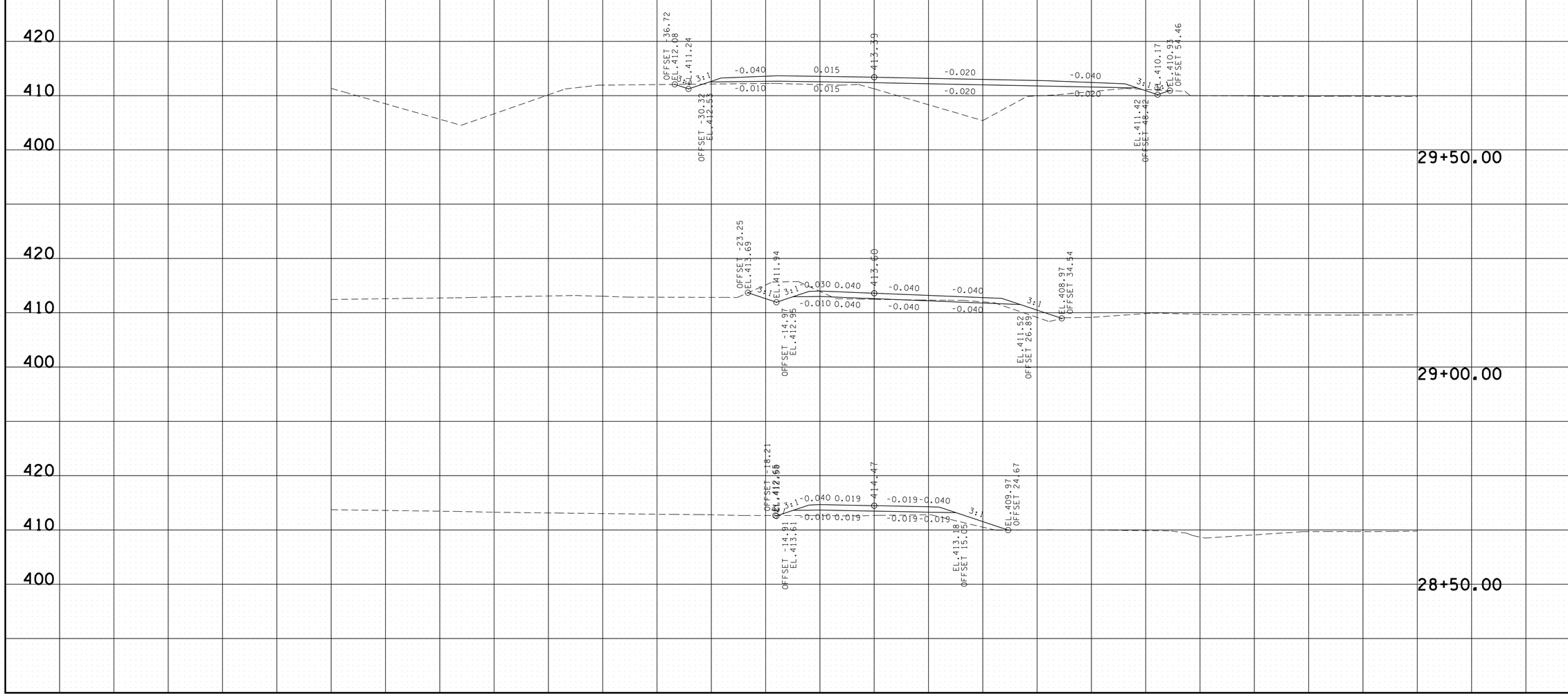
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	268
CONST.	2013	NH-128(27)	102

REV. 5/24/05: REALIGNED CHERRY STREET TO MINIMIZE BUSINESS IMPACT.



CHERRY STREET

BEGIN STA. 28+50.00
END STA. 29+50.00

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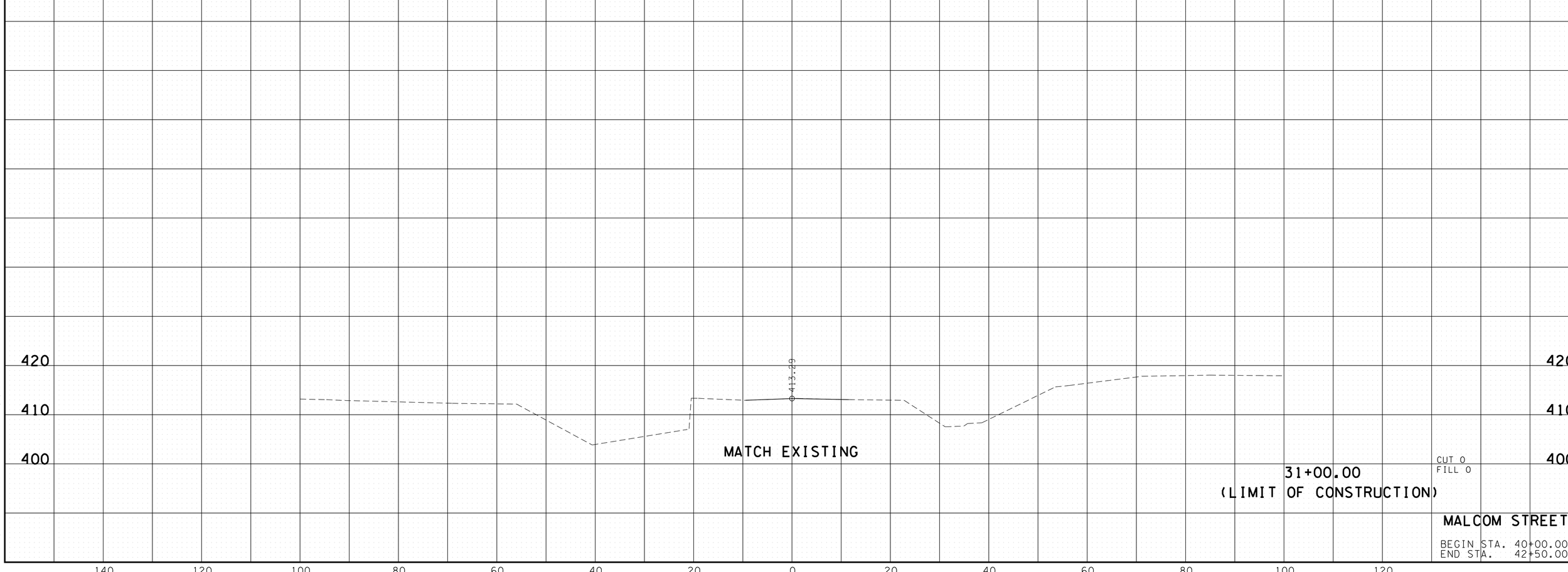
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	269
CONST.	2015	NH-128(27)	103



MALCOM STREET

BEGIN STA. 40+00.00
END STA. 42+50.00

2/17/2015 12:49:10 PM
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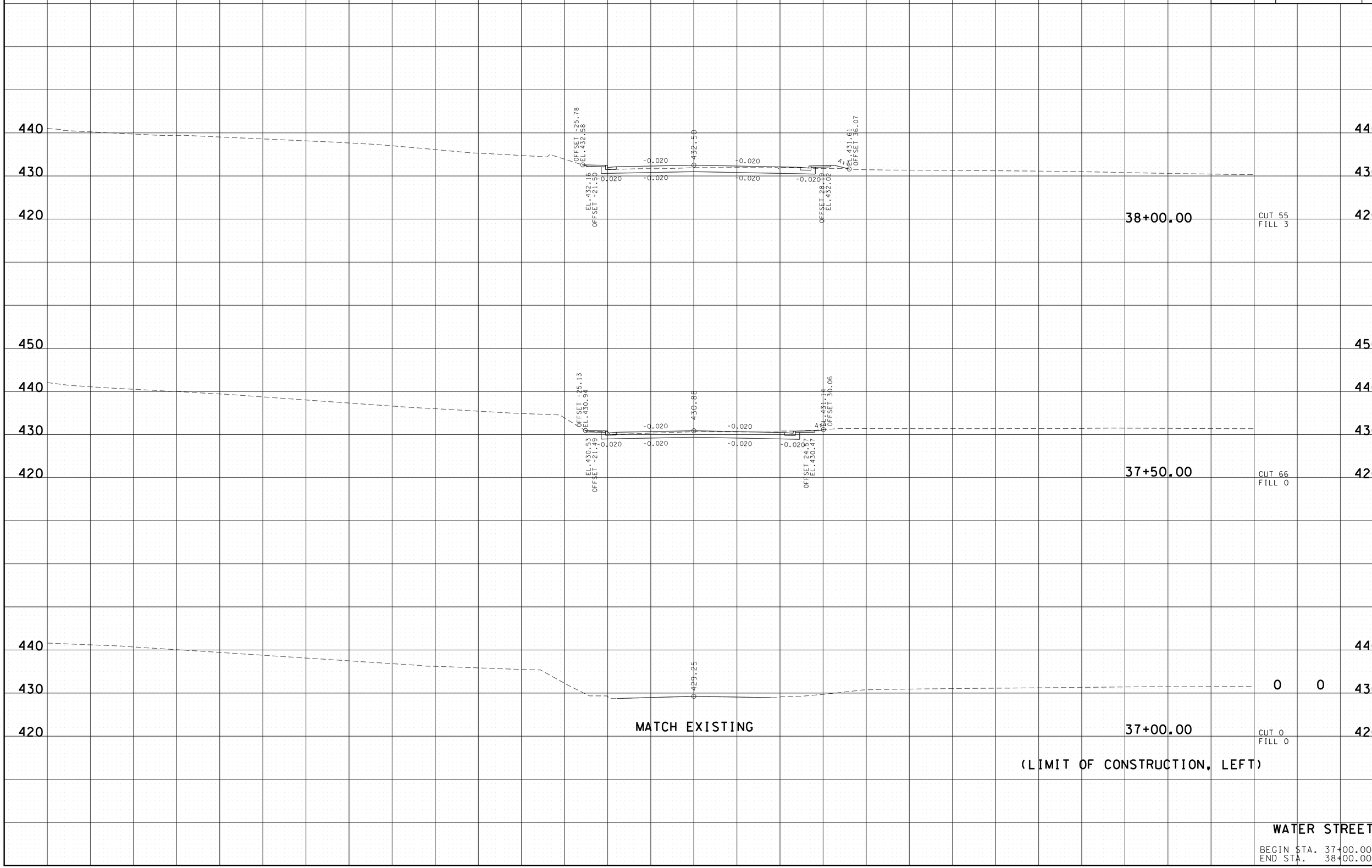
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	270
CONST.	2013	STP-128(27)	104



WATER STREET

BEGIN STA. 37+00.00
END STA. 38+00.00

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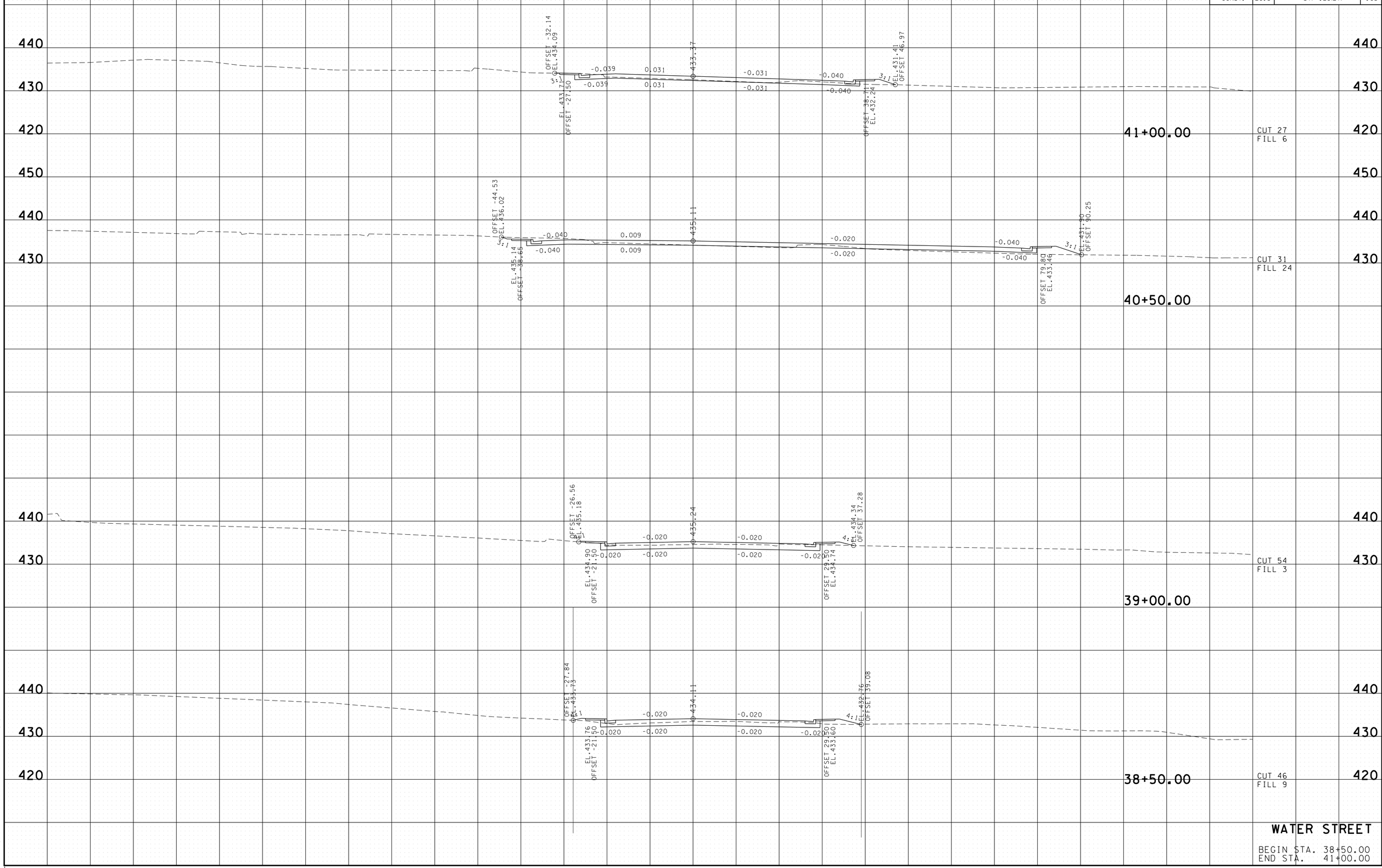
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	271
CONST.	2013	STP-128(27)	105



WATER STREET

BEGIN STA. 38+50.00
END STA. 41+00.00

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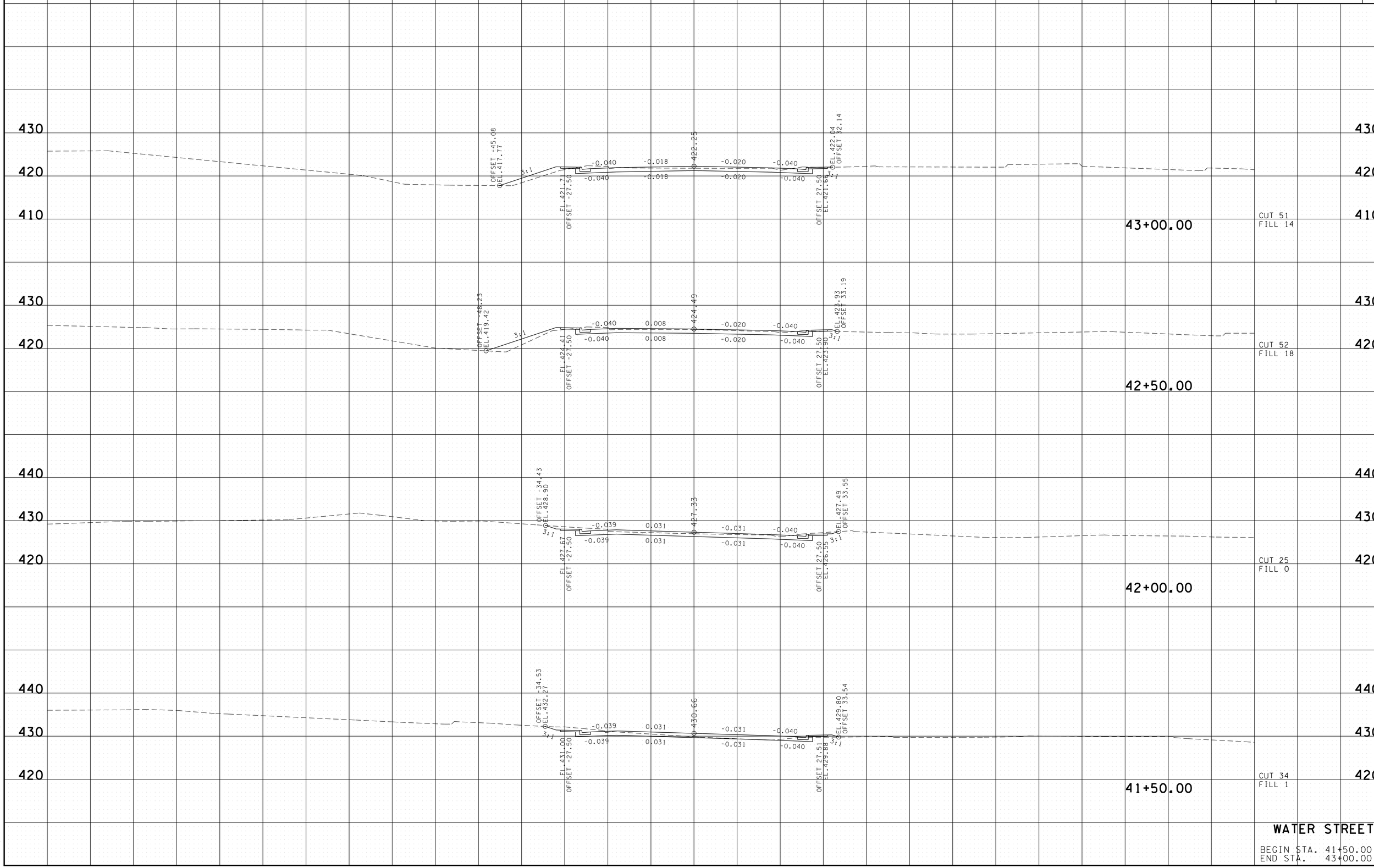
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	272
CONST.	2013	STP-128(27)	106



WATER STREET

BEGIN STA. 41+50.00
END STA. 43+00.00

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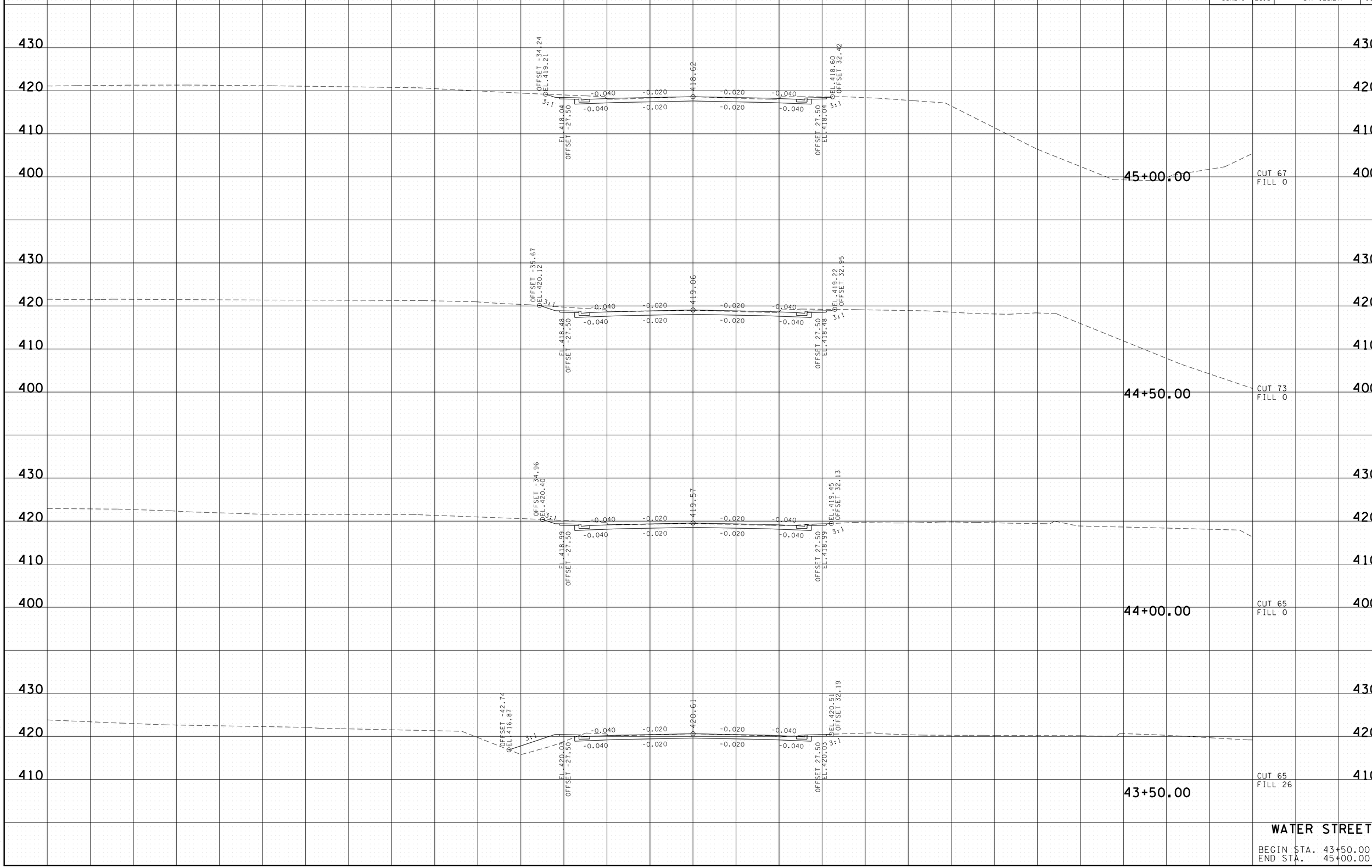
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	273
CONST.	2013	STP-128(27)	107



WATER STREET

BEGIN STA. 43+50.00
END STA. 45+00.00

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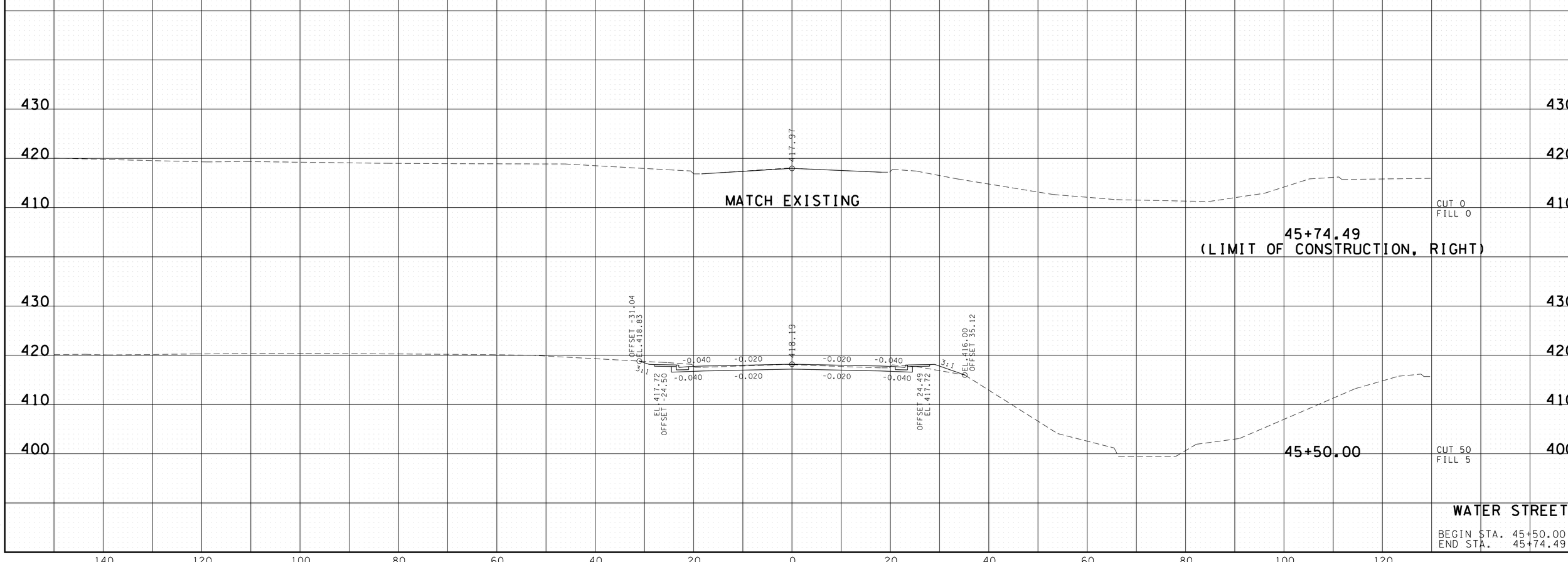
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2004	STP-128(11)	274
CONST.	2013	STP-128(27)	108



WATER STREET

BEGIN STA. 45+50.00
END STA. 45+74.49

2/17/2015 12:49:20 PM
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