STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY DESIGN DIVISION
SUITE 1200, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-0839

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

MEMORANDUM

TO: Eplans.Turnin.TDOT@tn.gov
MP

FROM: Moosa Pourali, P.E.
Civil Engineering Manager 1
Roadway Design Division

DATE: April 30, 2014

SUBJECT: Project No.: 50002-3250-14, NH-15(180)
Pin No. 100308.01
SR-15 (Lawrenceburg Bypass)
Description:From existing SR-15 West of Lawrenceburg to East of SR-6 (US-43)
Paving
Lawrence County

The following completed Construction Plan items for the referenced project are being transmitted for the July 11, 2014 Letting Process.

- ☒ Original Construction Drawings (150 Sheets)
- ☒ Original Roadway Cross-Sections (380 Sheets)
- ☐ Original R.O.W. Title Sheet
- ☒ Copy Grading Quantity Sheets
- ☒ Estimate e-mailed to TDOT.Construction.Estimates@tn.gov
- ☐ Resurfacing Plans (Sheets)

Plans have been placed on FileNet: Filename: **100308-01-Construction.pdf**
100308-01-Construction.zip
100308-01-Info.pdf
Added On Date: 05/1/2014

Comments:

For further information, please contact Moosa Pourali, Phone: (615)741- 0839, Email:

Moosa.Pourali@tn.gov

cc: Director, Roadway Design Division
Director, Project Development
Director's Administrative Secretary, Roadway Design Division
Environmental Division
Project Manager

Index Of Sheets (Paving)

SEE SHEET NO. 1A FOR INDEX

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

TENN.	YEAR	SHEET NO.
	2014	1
FED. AID PROJ. NO.	NH-15(180)	
STATE PROJ. NO.	50002-3250-14	

THE CONTRACTOR SHALL USE ANY MEANS NECESSARY TO ENSURE NO IMPACT WILL OCCUR TO ANY ENVIRONMENTAL FEATURES (STREAMS, SPRINGS, WETLANDS, ETC.). IF ANY ENVIRONMENTAL FEATURE WILL BE INPACTED, PLEASE CONTACT THE NATURAL RESOURCES OFFICE AS SOON AS POSSIBLE, PERMITS SECTION. PERMITS MAY BE REQUIRED.

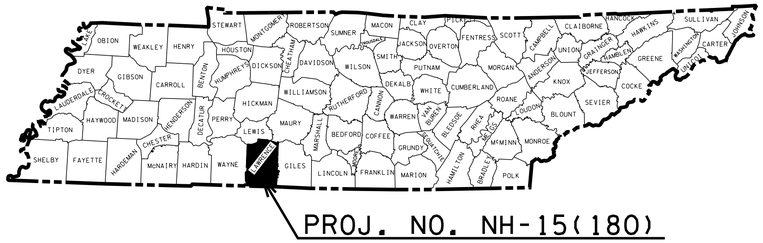
LAWRENCE COUNTY

STATE ROUTE 15 (US-64) BYPASS

FROM EXISTING SR-15 WEST OF LAWRENCEBURG TO EAST OF SR-6 (US-43) PAVING

CONSTRUCTION
BASE, PAVE, GUARDRAIL AND MARKINGS

STATE HIGHWAY NO. 15 F.A.H.S. NO. 64



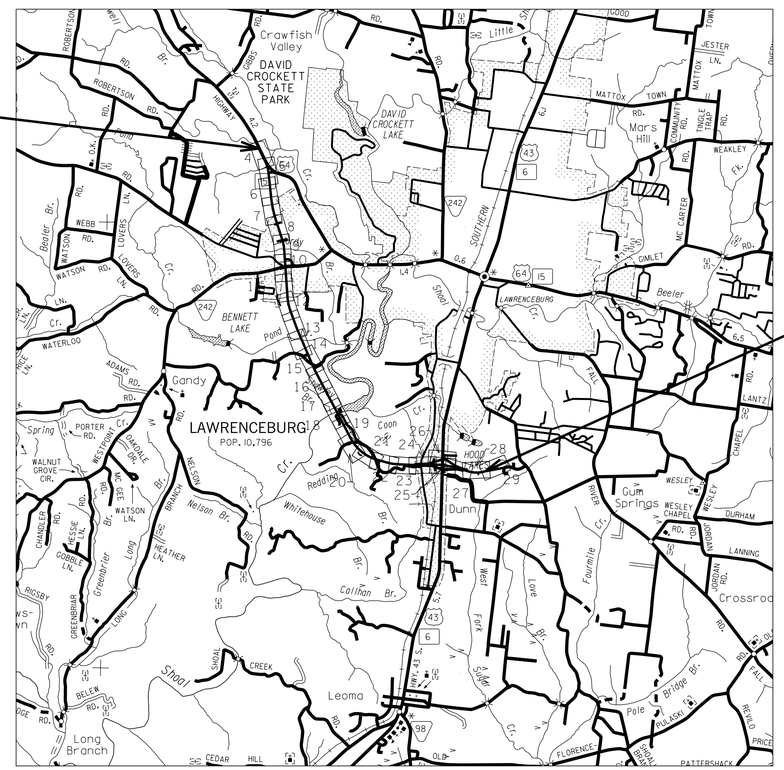
NO EXCLUSIONS

EQUATION	
DESCRIPTION	NET EFFECT ON ENUMERATION
STA. 174+93.72 BK. = STA. 175+00.00 AH.	-6.28
TOTAL	-6.28

BEGIN PROJ (CONST.)
NH-15(180)
NO. 50002-3250-14
STA. 19+92.35

END PROJ. (CONST.)
NH-15(180)
NO. 50002-3250-14
STA. 322+00.00

N



SCALE: 1"= 1 MILE

0 1 2 3 MILE

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

DATE:

APPROVED:
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

SPECIAL NOTES

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

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT C.E. MANAGER 1 MOOSA POURALI, P.E.
DESIGNED BY: HMB PROFESSIONAL ENGINEERS, INC.
DESIGNER J. KELLY HENSHAW, P.E. CHECKED BY WESLEY MATTINGLY, P.E.
P.E. NO. 50002-1226-04
PIN NO. 100308.01

ROADWAY LENGTH	5.309 MILES
BRIDGE LENGTH	0.411 MILES
BOX BRIDGE LENGTH	0.006 MILES
PROJECT LENGTH	5.720 MILES

TRAFFIC DATA	
ADT (2014)	4600
ADT (2034)	5510
DHV (2034)	551
D	65 - 35
T (ADT)	12 %
T (DHV)	8 %
V	70 MPH

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	1A

INDEX STANDARD ROADWAY DRAWINGS

SHEET NAME	SHEET NO.
TITLE SHEET	1
ROADWAY INDEX AND STANDARD DRAWINGS INDEX	1A – 1B
ESTIMATED ROADWAY QUANTITIES	2B – 2B1
TYPICAL SECTIONS, PAVING SCHEDULE, AND DETAILS	2D – 2Q
GENERAL NOTES AND SPECIAL NOTES	2U – 2X
TABULATED QUANTITIES	2Z, 2AA – 2AC
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PROPOSED LAYOUTS	4A - 28A
PROPOSED PROFILES	4B - 28B
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RAMP PROFILES	32 – 35
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SIGN SCHEDULE SHEETS	90, 90A-90I
INTERCONNECT LAYOUT, PHASING & TIMING	91
ROADWAY CROSS SECTIONS	136 – 447
SIDE ROAD CROSS SECTIONS	472 – 530
RAMP CROSS SECTIONS	531 – 539
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	S-1
UTILITIES INDEX, UTILITY OWNERS, AND UTILITY SHEETS	U1-1 – U7-xx
SHEETS 2C, 2I, 2F, 2O, 2R-2T, 2Y, 6-31,25C, 25D, 26B, 29A, 29B, 39-40, 42-45, 48-49, 55-84, 89I, 89O, 91-135, 448-471 NOT USED.	

DWG. NO	REV.	DESCRIPTION
TO BE PRINTED WITH PLANS		
RD-S-11	03-31-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD-S-11A	03-31-03	ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD01-S-12	08-01-09	CLEAR ZONE CRITERIA
RD-TS-1	03-31-03	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD-TS-2B	03-31-03	DESIGN STANDARDS 4-6 LANE COLLECTOR HIGHWAYS WITH FLUSH MEDIANS
RD-TS-5	03-31-03	DESIGN STANDARDS FREEWAYS WITH DEPRESSED MEDIANS

NO PROJECT COMMITMENTS SHEET INCLUDED IN THIS SET OF PLANS.

DWG. NO	REV.	DESCRIPTION
ROADWAY DESIGN STANDARDS		
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD-L-2	09-05-01	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-5	05-01-08	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	03-30-10	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	05-24-12	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-UD-3	09-05-96	UNDERDRAIN DETAILS
RD-UD-4	05-27-01	UNDERDRAIN LATERAL DETAILS
RD-UD-6	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 1:1 & 2:1 SLOPES
RD-UD-7	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES
RD-UD-9	12-18-94	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES
RD-S-11	04-04-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD-S-11A	10-15-02	ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD01-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD01-SE-3	10-15-02	RURAL SUPERELEVATION DETAILS
RD01-TS-4	07-23-13	DESIGN STANDARDS 1 AND 2 LANE RAMPS
RD-TS-5	10-15-02	DESIGN STANDARDS FREEWAYS WITH DEPRESSED MEDIANS
DRAINAGE - CULVERTS AND ENDWALL		
D-PB-1	01-02-13	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	01-02-13	STANDARD DETAILS FOR PLASTIC PIPE INSTALLATION
ROADWAY AND PAVEMENT APPURTENANCES		
RP-CS-1	09-29-10	CONCRETE SHOULDER RUMBLE STRIP DETAIL (FOR 4-LANE DIVIDED HIGHWAY)
RP-DHO-1	10-26-93	MEDIAN OPENINGS ON 4-LANE DIVIDED HIGHWAY
RP-H-6	04-13-11	MEDIAN CROSSING
RP-I-5	12-18-96	EXAMPLES OF STREET AND ALLEY INTERSECTIONS
RP-J-1	10-26-00	PORTLAND CEMENT CONCRETE PAVEMENT JOINT TYPES AND SPACING
RP-J-3	10-26-00	PORTLAND CEMENT CONCRETE PAVEMENT JOINT TYPES AND SPACING
RP-J-5	07-01-01	TYPICAL ACCELERATION AND DECELERATION LANE JOINT TYPES AND SPACING FOR CONCRETE RAMPS
RP-J-7	01-30-12	CONCRETE RAMP JOINT TYPES AND SPACING
RP-J-9	02-02-12	CONTRACTION AND CONSTRUCTION JOINTS FOR CONCRETE PAVEMENT
RP-J-11	07-29-96	3/4" AND 1-3/4" EXPANSION AND EDGE PAVEMENT JOINTS
RP-J-15	01-19-02	LONGITUDINAL CONTRACTION AND CONSTRUCTION JOINTS
RP-J-17	02-02-12	DOWEL ASSEMBLY DEVICES

DWG. NO	REV.	DESCRIPTION
RP-J-18	02-02-12	DOWEL ASSEMBLY DEVICES
RP-J-19	02-02-12	DOWEL ASSEMBLY DEVICES
RP-MC-2	02-28-02	STANDARD 6" SLOPING (MOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-R-1	05-27-01	STANDARD RAMPS TO SIDE ROADS
SAFETY APPURTENANCES AND FENCE		
S-CC-1		CRASH CUSHION
S-CZ-1		CLEAR ZONE CRITERIA
S-F-1	05-24-12	HIGH VISIBILITY FENCE
S-GR31-1		W-BEAM GUARDRAIL
S-PL-2		SAFETY PLAN AT SIDE ROADS OR PRIVATE DRIVES
S-GRT-4		TYPE 13 GUARDRAIL TERMINAL (TRAILING END)
S-GRA-3		GUARDRAIL ANCHOR FOR TYPE 21, 13 AND IN-LINE TERMINALS
S-GRC-3		MEDIAN DIVIDER GUARDRAIL TRANSITION TO CONCRETE MEDIAN BARRIERS
S-PL-1		SAFETY PLAN AT ROADSIDE HAZARDS
S-GRC-1		GUARDRAIL CONNECTION TO BRIDGE ENDS OR BARRIER WALL
S-PL-3		SAFETY PLAN: MINIMUM INSTALLATION AT BRIDGE ENDS
S-GRT-3		TYPE 21 GUARDRAIL TERMINAL
S-GRT-3D		TYPE 21 GUARDRAIL TERMINAL (DETAILS)
S-GRT-2P		EARTH PAD FOR TYPE 38 TERMINAL
S-GRT-3P		EARTH PAD FOR TYPE 21 TERMINAL
S-GRT-2		TYPE 38 GUARDRAIL TERMINAL
S-SSMB-1	08-19-13	32" SINGLE SLOPE CONCRETE BARRIER WALL
S-SSMB-6		GUARDRAIL ATTACHMENT TO SINGLE SLOPE CONCRETE BARRIER WALL
TRAFFIC CONTROL APPURTENANCES		
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-M-1	11-01-11	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-15-13	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	09-19-91	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	11-01-11	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-5	04-23-13	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-6	06-22-12	MARKING DETAIL FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-7	01-12-12	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-12-12	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	11-01-11	MARKING DETAILS FOR RAMP INTERSECTIONS
T-M-15		ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES

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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.	2014	NH-15 (180)	1B

TRAFFIC CONTROL APPURTENANCES CON'T

DWG. NO	REV.	DESCRIPTION
T-M-15A	11-01-11	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED ROUTES
T-PBR-1	06-30-09	INTERCONNECTED PORTABLE BARRIER RAIL
T-PBR-2	11-01-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS
T-S-6	02-12-91	STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
T-S-7	02-12-91	HIGHWAY SHIELDS USED ON INTERSTATE AND U.S. NUMBERED ROUTES
T-S-8	07-15-91	HIGHWAY SHIELDS USED ON STATE NUMBERED ROUTES AND ARROWS
T-S-9	11-01-11	STANDARD LAYOUT GROUND MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-11	06-06-11	DELINEATOR AND MILEPOST DETAILS
T-S-13	07-20-12	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, I-BEAMS
T-S-14	08-17-12	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, WF-BEAMS
T-S-16	11-01-11	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-16A	11-01-11	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-18	05-27-01	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-21		DETAILS FOR SIGNS MOUNTS ON CONC. MEDIAN BARRIERS
T-S-23A	07-19-13	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-13-09	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-16	03-13-09	LANE SHIFT ON DIVIDED HIGHWAYS AND FREEWAYS
T-WZ-18	03-13-09	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-19	04-02-12	MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS
T-WZ-20	12-18-99	GEOMETRIC MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS

EROSION PREVENTION AND SEDIMENT CONTROL

DWG. NO	REV.	DESCRIPTION
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-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 PROCTECTION
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-34	04-01-08	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	08-01-12	SEDIMENT TUBE

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

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX AND STANDARD DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2B

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

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
(1)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	10428
(2)	203-06	WATER	M.G.	1422
(12)	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	1000
(3)	209-05	SEDIMENT REMOVAL	C.Y.	115
(3)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	533
(3)	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	854
(3)	209-08.07	ROCK CHECK DAM PER	EACH	29
(3)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	12
(3)	209-40.32	CATCH BASIN PROTECTION (TYPE C)	EACH	2
(3)(4)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	284
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	7.87
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	7.30
	607-03.30	18" PIPE CULVERT	L.F.	165
	607-05.30	24" PIPE CULVERT	L.F.	36
(25)	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	430
	705-01.01	GUARDRAIL AT BRIDGE ENDS	L.F.	781
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	20782
	705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	20
	705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	1
	705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH	2
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	39
	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	39
(21)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	4
(5)	705-17.97	ATTENUATOR (NARROW- LOW MAINTENANCE)	EACH	2
(22)	705-17.98	ATTENUATOR (WIDE- LOW MAINTENANCE)	EACH	1
	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	222
(3)(6)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(3)(7)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	137
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	51665
	710-05	LATERAL UNDERDRAIN	L.F.	6774
	710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	EACH	30
	710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	EACH	28
	710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	37
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	174
(5)	711-05.70	32IN SINGLE SLOPE CONCRETE BARRIER WALL	L.F.	729
(26)	712-01	TRAFFIC CONTROL	LS	1
(8)	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	1000
(8)	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	326
(8)	712-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	50
(8)	712-05.01	WARNING LIGHTS (TYPE A)	EACH	86
(8)	712-06	SIGNS (CONSTRUCTION)	S.F.	1085
(8)	712-06.01	VERTICAL PANELS	S.F.	36
(8)	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	756
(8)	712-08.03	ARROW BOARD (TYPE C)	EACH	2
(8)	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	1168
	713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	4
	713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	831
(9)	713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	EACH	10
(10)	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	119
(10)	713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH	14
	713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	LB.	3502
	713-11.01	"U" SECTION STEEL POSTS	LB.	1190
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	7349
	713-11.21	P POST SLIP BASE	EACH	17
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	1342
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	1028
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	539
(11)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-15.04	INSTALLATION OF LETTERS & ARROWS	LS	1
(12)	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4
	713-16.07	END OF ROADWAY SIGN AND SUPPORT	EACH	2

NOTE: ALL QUANTITIES TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	200
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	38
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	1063
(13)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	58
(13)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	433
(13)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	57
(13)	716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	985
(13)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	90
(13)	716-04.03	PLASTIC PAVEMENT MARKING (4" DOTTED LINE)	L.F.	300
(13)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	992
(14)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	12.89
	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	4715
(15)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	533
	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	2.00
(24)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	27.81
	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	1551
	717-01	MOBILIZATION	LS	1
(23)	730-01.04	MODIFICATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	1
	730-08.32	INTERCONNECT CABLE (#12 STRANDED 7 CONDUCTOR)	L.F.	740
(3)(16)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	467
(3)	740-11.02	TEMPORARY SEDIMENT TUBE (12 INCH)	L.F.	260
(3)	740-11.03	TEMPORARY SEDIMENT TUBE (18 INCH)	L.F.	2493
(12)	801-01	SEEDING (WITH MULCH)	UNIT	250
(17)	801-02	SEEDING (WITHOUT MULCH)	UNIT	56
(6)	801-03	WATER (SEEDING & SODDING)	M.G.	20
(12)	801-07	SEED (SUPPLEMENTAL APPLICATION)	LB.	10
(12)	801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	1
(3)(18)	803-01	SODDING (NEW SOD)	S.Y.	12238
(12)	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	5000

FOOTNOTES

(1) INCLUDES 15 C.Y. FOR CONSTRUCTION EXITS. SEE SPECIAL NOTES SHEET 2X.

(2) INCLUDES 3 M.G. FOR EMBANKMENT, 433 M.G. FOR AGGREGATE BASE MATERIAL, AND 274 M.G. FOR AGGREGATE-CEMENT BASE.

(3) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(4) INCLUDES 34 TONS FOR EPSC AND 250 TONS TO BE USED AS DIRECTED BY THE ENGINEER.

(5) TO BE USED FOR WEST POINT CONNECTOR.

(6) TO BE USED FOR EROSION PREVENTION AND SEDIMENT CONTROL.

(7) INCLUDES 50 TONS FOR DITCHES, 10 TONS FOR EPSC, AND 1.6 TONS FOR SIDE DRAIN ALONG SR-15, AND 75 TONS AS DIRECTED BY THE ENGINEER.

(8) FOR TRAFFIC CONTROL; USE AS DIRECTED.

(9) TN-17b TO BE NUMBERED AND LOCATED AS DIRECTED BY THE ENGINEER.

(10) TO BE USED ON ALL MEDIAN OPENINGS AND RAMPS AT SR-6 (US-43).

(11) REMOVE SIGNS, SUPPORTS AND FOOTINGS ON SIGNS NO. 333 & 336. REMOVE SIGNS AND SUPPORTS ON SIGNS NO. 1, 2, 3, 4, 322, 324, 331, 332, 334 & 335 AND ANY OTHER CONFLICTING SIGN WITHIN THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER.

(12) TO BE USED AS DIRECTED BY THE ENGINEER.

(13) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

(14) INCLUDES 12.10 L.M. TO BE USED FOR TRAFFIC CONTROL AS DIRECTED, 0.79 L.M. FOR SIDE ROADS.

(15) INCLUDES 200 L.F. FOR USE ON INTERMEDIATE PAVEMENT LAYERS.

(16) INCLUDES 298 S.Y. FOR EPSC; 67 S.Y. FOR RIP-RAP DITCHES; 1.8 S.Y. FOR RIP-RAP AT SIDE DRAIN OUTLET; AND 100 SY TO BE USED AS DIRECTED BY THE ENGINEER

(17) TO BE USED WITH EROSION CONTROL BLANKET TYPE II.

(18) INCLUDES 2876 S.Y. FOR DITCHES AND 9362 S.Y. FOR STABILIZATION OF DISTURBED AREAS.

(21) 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 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.

(22) TO BE USED AT THE END OF DIVERGING GUARDRAILS AT SR-15 STA. 283+50 RT. AS DIRECTED BY THE ENGINEER.

(23) ITEM INCLUDES THE FOLLOWING COMPONENTS NECESSARY TO PROVIDE MUTUAL COORDINATION BETWEEN THE SIGNALS AT WESTPOINT RD./GRANDADDY RD. AND WESTPOINT RD./WESTPOINT RD. CONNECTOR: 2-RU2S-C-A1110 RELAY, 1-RU2S-C-D24 RELAY, 3-SM2S-05 RELAY BASE, 2-SPA60B LIGHTNING ARRESTOR, 2-RELAY PANEL, 4-SPRING NUTS, 2-4 POS TERM BLOCK.

(24) CONTRACTOR SHALL USE THE RIBBON METHOD FOR APPLICATION

(25) INCLUDES 400 L.F. FOR TRAFFIC CONTROL AND 30 L.F. FOR EPSC.

(26) INCLUDES THE REMOVAL OF TWO MEDIAN CROSS-OVERS.

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ESTIMATED ROADWAY QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2B1

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
		ALTERNATE A		
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	161888
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	171
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	32679
	307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	682
	307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	20280
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	29726
	313-03	TREATED PERMEABLE BASE	S.Y.	9285
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	388
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1525
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	135
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	262
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	379
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	666
	411-03.16	AGGREGATE FOR OGFC MIX	TON	13305
	411-03.19	ASP CEM(PG70-22) FOR OGFC MIX	TON	447
(1)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	2037
	501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	S.Y.	9285
	701-02	CONCRETE DRIVEWAY	S.F.	148
		ALTERNATE B		
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	126054
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	171
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	32679
	307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	682
	307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	20280
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	29726
	309-01.01	MINERAL AGGREGATE (A-CBC)	TON	32030
	309-01.02	PORTLAND CEMENT (A-CBC)	TON	1561
	313-03	TREATED PERMEABLE BASE	S.Y.	9285
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	388
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1525
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	135
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	262
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	379
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	666
	411-03.16	AGGREGATE FOR OGFC MIX	TON	13305
	411-03.19	ASP CEM(PG70-22) FOR OGFC MIX	TON	447
(1)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	2037
	501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	S.Y.	9285
	701-02	CONCRETE DRIVEWAY	S.F.	148

(1) FOR COLD PLANNING PORTIONS OF THE EXISTING SR-15 PAVEMENT BASED ON THE CHOSEN PAVEMENT ALTERNATE. SEE PLANS FOR LOCATIONS, LIMITS AND QUANTITIES.

NOTE: ALL QUANTITIES TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

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ESTIMATED ROADWAY QUANTITIES

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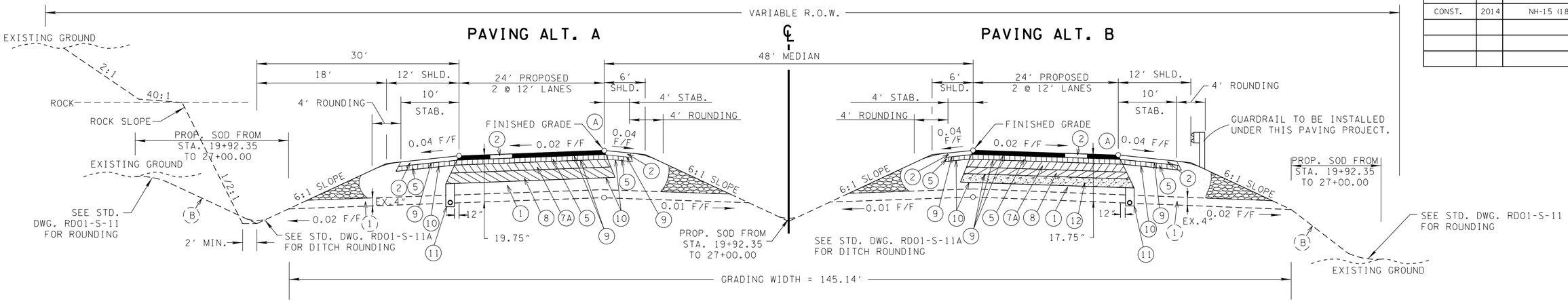
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2D



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HALF SECTION IN FILL

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE I SLOPE TABLE SEE STD. DWG. RD01-S-11

TANGENT SECTION S.R. 15

(BASED ON STD. DWG. RD-TS-5)

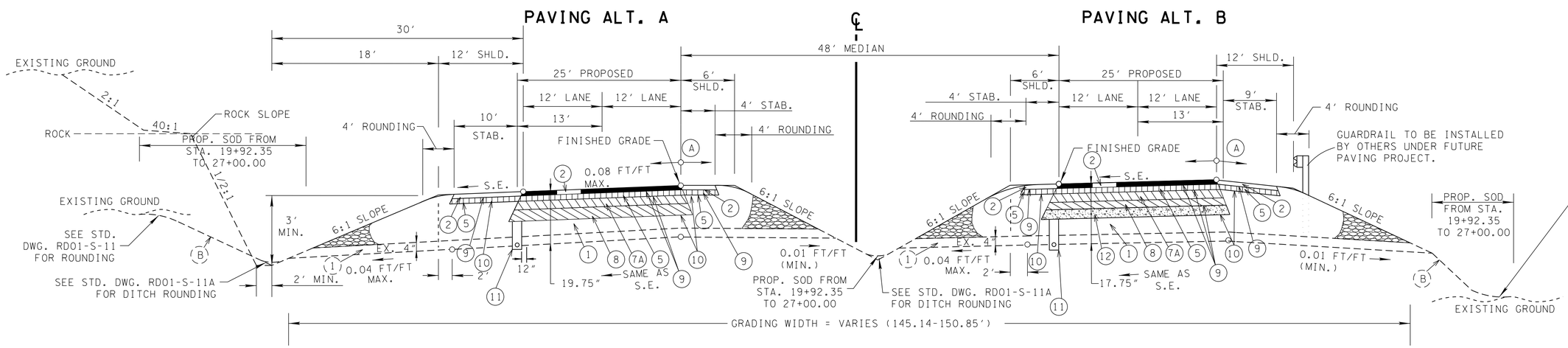
STA. 19+92.35	TO	20+97.10	STA. 143+09.49	TO	166+05.77
STA. 33+87.20	TO	47+75.63	STA. 174+58.80	TO	221+84.64
STA. 65+67.26	TO	76+88.00	STA. 248+99.27	TO	252+97.65
STA. 86+73.25	TO	116+18.09	STA. 262+68.28	TO	268+01.43
STA. 128+86.50	TO	136+90.42	STA. 275+98.30	TO	282+70.02
			STA. 303+10.08	TO	308+27.38

FOR STA. 158+20.58 TO 166+05.77
AND STA. 248+99.27 TO 249+60.60
SEE SHEET 2M FOR COLD PLANING
DETAIL AT THESE LOCATIONS

(GRADING REQUIRED FROM STA. 19+92.35 TO STA. 27+00.00 NB ONLY)

***** SEE SHEET 2N FOR PAVING SCHEDULE *****

***** SEE SHEET 2Q FOR SPECIAL DITCH DETAILS *****



NOTE:

FOUR (4) INCHES OF MINERAL AGGREGATE BASE WAS PLACED DURING THE PREVIOUS GRADING PROJECT. FOR THE MAJORITY OF THIS PROJECT, THE FINAL ASPHALT SURFACING, BINDER, BASE COURSES AND ADDITIONAL REQUIRED DEPTH OF MINERAL AGGREGATE BASE STONE SHALL BE PLACED OVER THE EXISTING 4" (APPROX. DEPTH) MINERAL AGGREGATE BASE STONE FOR SR-15.

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

FINAL GRADING AND FULL DEPTH PAVING IS REQUIRED BETWEEN SR-15 STA. 19+92.35 AND STA. 27+00.

SUPERELEVATED SECTION S.R. 15

(BASED ON STD. DWG. RD-TS-5)

STA. 20+97.10	TO	33+87.20	STA. 166+05.77	TO	174+58.80
STA. 47+75.63	TO	65+67.26	STA. 221+84.64	TO	248+99.27
STA. 76+88.00	TO	86+73.25	STA. 252+97.65	TO	262+68.28
STA. 116+18.09	TO	128+86.50	STA. 268+01.43	TO	275+98.30
STA. 136+90.42	TO	143+09.49	STA. 282+70.02	TO	303+10.08

FOR STA. 166+05.77 TO 170+49.85
AND STA. 225+61.25 TO 248+99.27
SEE SHEET 2M FOR COLD PLANING
DETAIL AT THESE LOCATIONS

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE I SLOPE TABLE SEE STD. DWG. RD01-S-11

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TYPICAL SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2E

TENNESSEE D.O.T.
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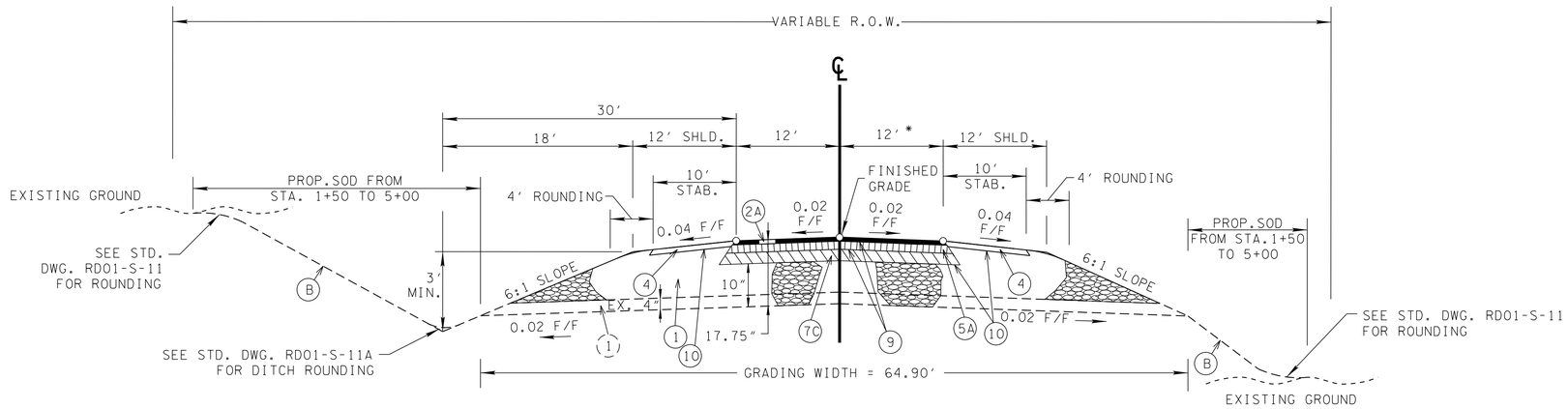
FILE NO.



TANGENT SECTION
S.R. 15 CONNECTOR

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

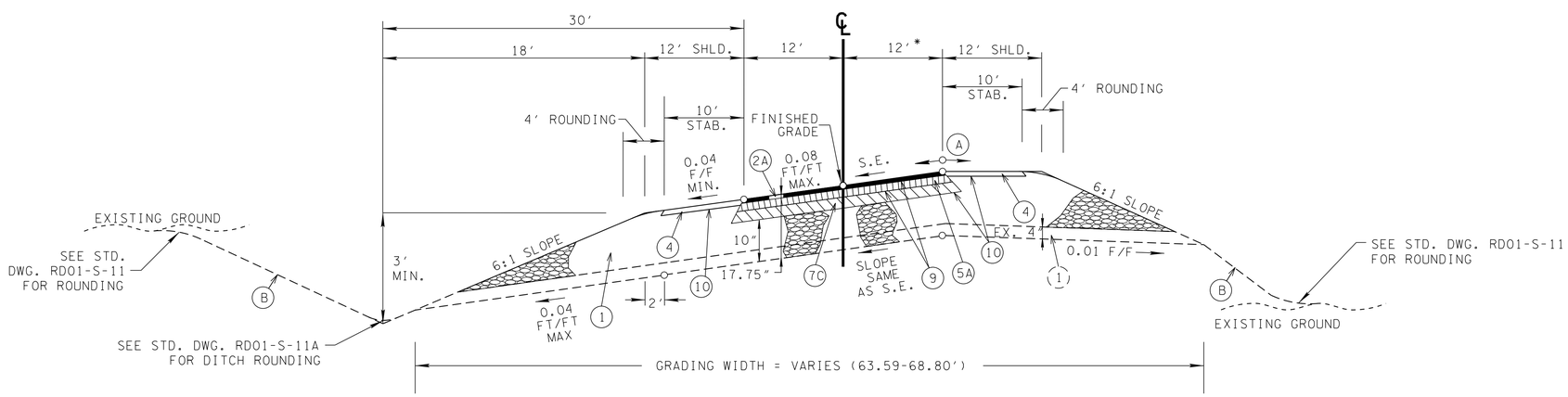
STA. 0+80.00 TO STA. 2+23.02
STA. 6+61.98 TO STA. 7+38.69

* VARIES DUE TO TURN LANE

STA. 31+58.99 (FINAL ASPHALT SURFACE COURSE AND TACK COAT ONLY, REQUIRED FROM STA. 0+80.00 TO STA. 1+50.00)
(GRADING AND FULL-DEPTH PAVING REQUIRED FROM STA. 1+50.00 TO STA. 5+00.00)
(PAVING AND BASE STONE REQUIRED FROM STA. 5+00.00 TO STA. 7+38.69)

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

***** SEE SHEET 2N FOR PAVING SCHEDULE *****



NOTE:

FOUR (4) INCHES OF MINERAL AGGREGATE BASE WAS PLACED DURING THE PREVIOUS GRADING PROJECT. FOR THE MAJORITY OF THIS PROJECT, THE FINAL ASPHALT SURFACING, BINDER, BASE COURSES AND ADDITIONAL REQUIRED DEPTH OF MINERAL AGGREGATE BASE STONE SHALL BE PLACED OVER THE EXISTING 4" (APPROX. DEPTH) MINERAL AGGREGATE BASE STONE FOR SR-15.

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

FINAL GRADING AND FULL DEPTH PAVING IS REQUIRED BETWEEN SR-15 STA. 19+92.35 AND STA. 27+00.

SUPERELEVATED SECTION
S.R. 15 CONNECTOR

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

STA. 2+23.02 TO STA. 6+61.98

* VARIES, 12' AT STA. 3+00.00 TO 24' AT STA. 6+50.00

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

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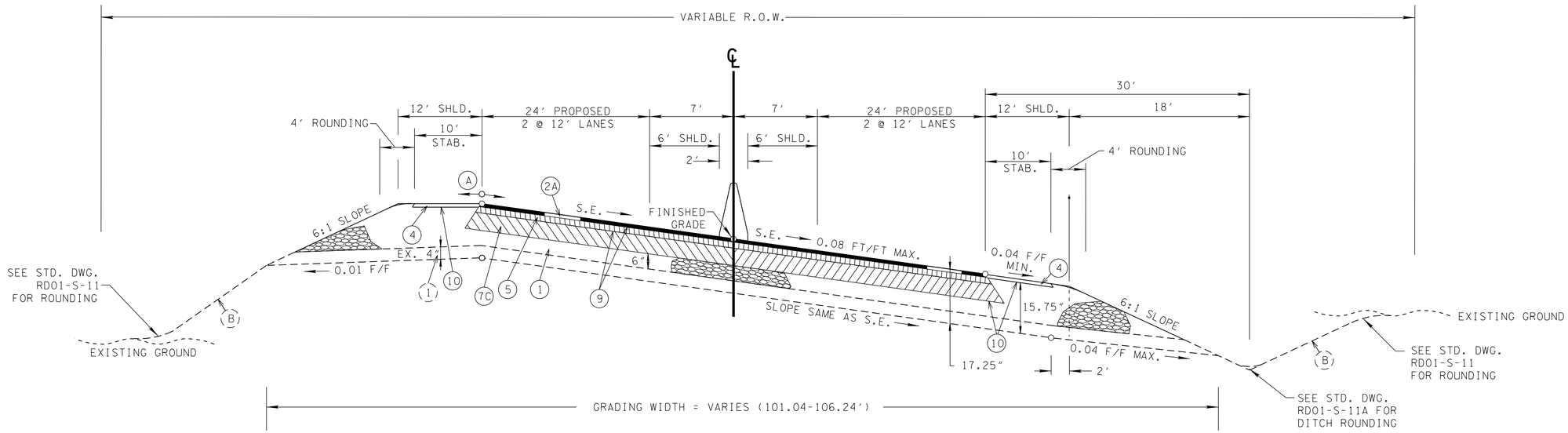

SUPERELEVATED SECTION
WESTPOINT RD. CONNECTOR (S.R. 242)

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

STA. 20+60.00 TO 28+71.81

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

***** SEE SHEET 2N FOR PAVING SCHEDULE *****

NOTE:

FOUR (4) INCHES OF MINERAL AGGREGATE BASE WAS PLACED DURING THE PREVIOUS GRADING PROJECT. FOR THE MAJORITY OF THIS PROJECT, THE FINAL ASPHALT SURFACING, BINDER, BASE COURSES AND ADDITIONAL REQUIRED DEPTH OF MINERAL AGGREGATE BASE STONE SHALL BE PLACED OVER THE EXISTING 4" (APPROX. DEPTH) MINERAL AGGREGATE BASE STONE FOR SR-15.

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

FINAL GRADING AND FULL DEPTH PAVING IS REQUIRED BETWEEN SR-15 STA. 19+92.35 AND STA. 27+00.

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TYPICAL SECTIONS

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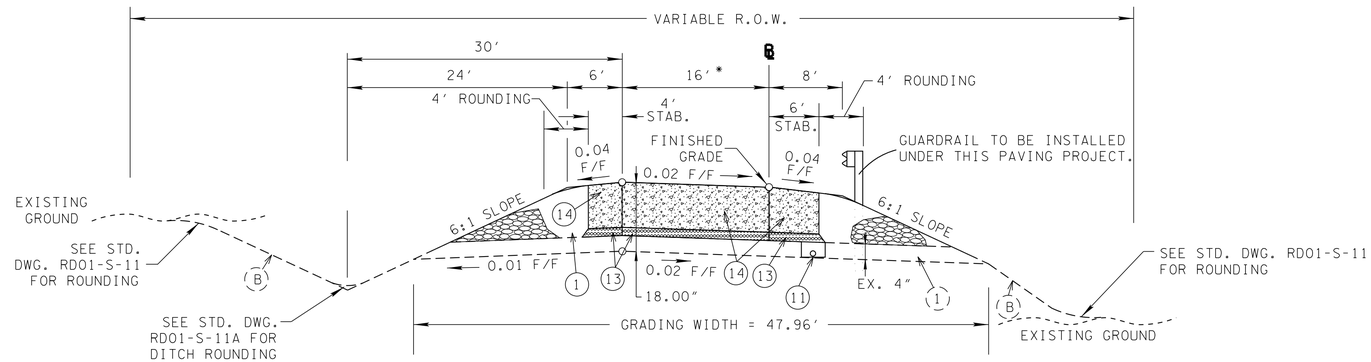
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2H



TANGENT SECTION
ONE LANE RAMP

(BASED ON STD. DWG. RD01-TS-4)

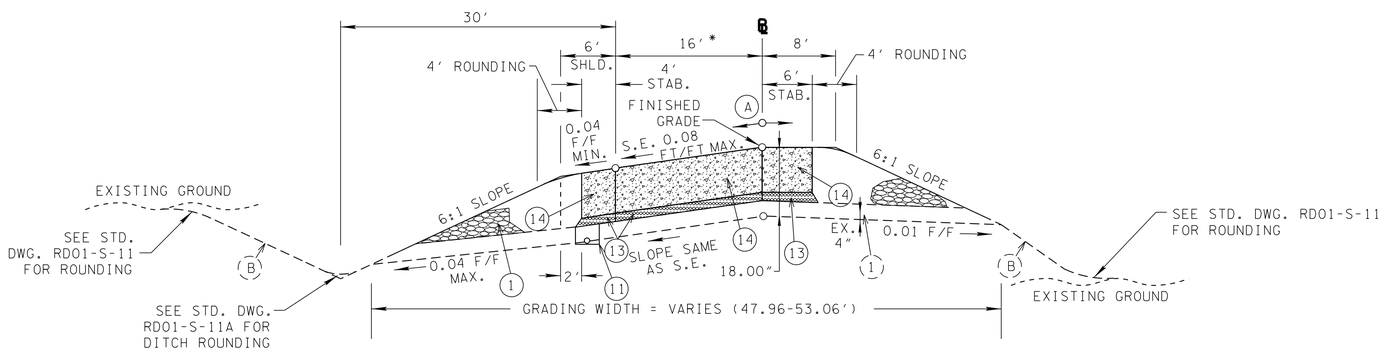
RAMP NW TRANSITION:
12' AT STA. 17+48.74 TO 0' AT STA. 20+48.74

RAMP ES	STA. 0+00.00 TO STA. 7+21.53
	STA. 14+77.70 TO STA. 15+28.84
	STA. 18+00.00 TO STA. 18+94.99
RAMP NW	STA. 3+00.00 TO STA. 7+46.83
	STA. 13+68.17 TO STA. 20+48.74
RAMP SW	STA. 1+63.00 TO STA. 2+62.00

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

***** SEE SHEET 2N FOR PAVING SCHEDULE *****

* 12' RAMP NW STA. 12+00.00 TO STA. 17+48.74



SUPERELEVATED SECTION
ONE LANE RAMP

(BASED ON STD. DWG. RD01-TS-4)

RAMP ES	STA. 7+21.53 TO STA. 14+77.70
	STA. 15+28.84 TO STA. 18+00.00
RAMP NW	STA. 0+31.00 TO STA. 3+00.00
	STA. 7+46.83 TO STA. 13+68.17
RAMP EN	STA. 0+00.00 TO STA. 2+41.71
RAMP SW	STA. 0+00.00 TO STA. 1+63.00

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

NOTE:

FOUR (4) INCHES OF MINERAL AGGREGATE BASE WAS PLACED DURING THE PREVIOUS GRADING PROJECT. FOR THE MAJORITY OF THIS PROJECT, THE FINAL ASPHALT SURFACING, BINDER, BASE COURSES AND ADDITIONAL REQUIRED DEPTH OF MINERAL AGGREGATE BASE STONE SHALL BE PLACED OVER THE EXISTING 4" (APPROX. DEPTH) MINERAL AGGREGATE BASE STONE FOR SR-15.

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

FINAL GRADING AND FULL DEPTH PAVING IS REQUIRED BETWEEN SR-15 STA. 19+92.35 AND STA. 27+00.

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TYPICAL SECTIONS

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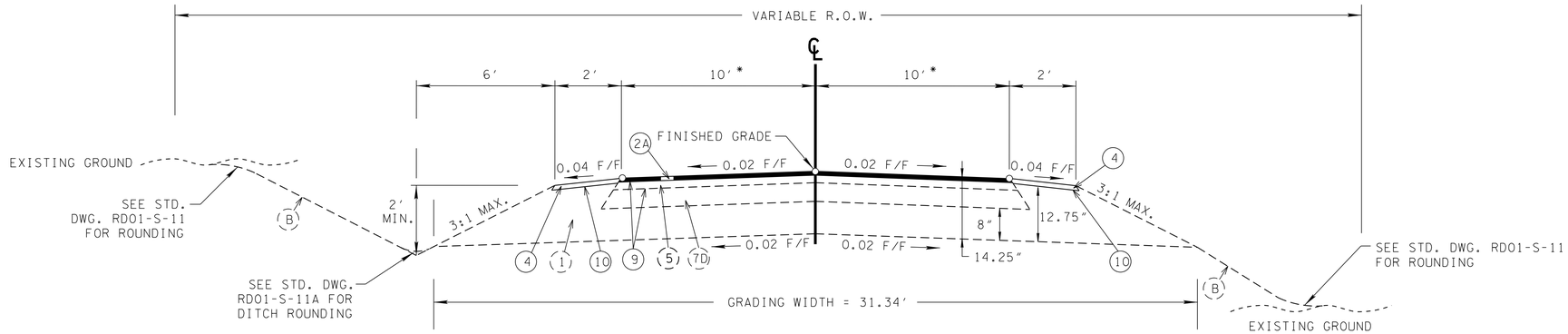
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2J

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



TANGENT SECTION
SIDE ROADS

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

* WALDON RD. TRANSITION:
10′ AT STA. 10+20.00 TO 20′ AT STA. 12+00.00
20′ AT STA. 14+00.00 TO 12′ AT STA. 14+75.00

GLEN SPRINGS RD. RIGHT TRANSITION:
20′ AT STA. 54+00.00 TO 18.5′ AT STA. 55+00.00

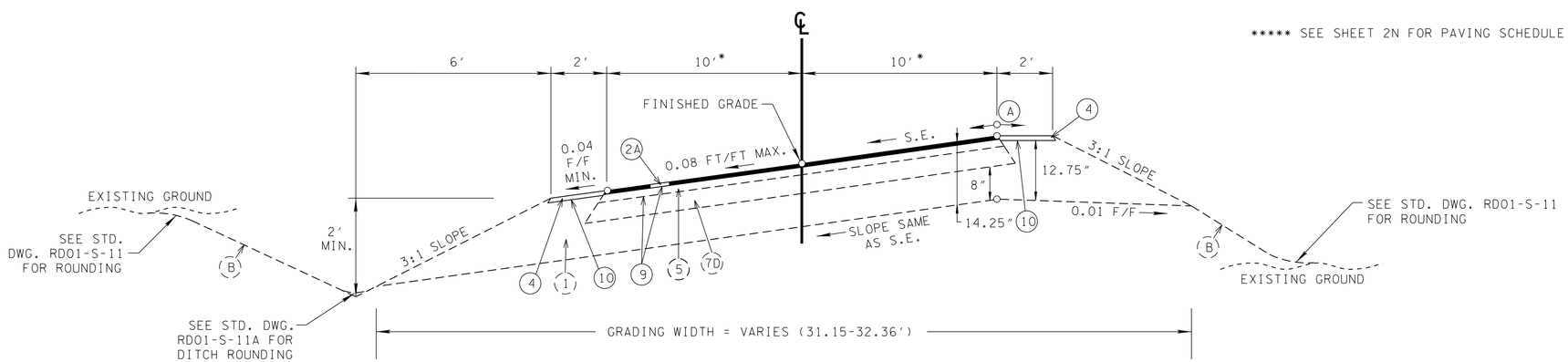
WALDON RD. LEFT	STA. 10+20.00 TO STA. 10+36.45
GLEN SPRINGS RD. LEFT	STA. 169+74.79
GLEN SPRINGS RD. RIGHT	STA. 158+95.59
OLD GLEN SPRINGS RD. CONNECTOR	STA. 51+80.00 (GLEN SPRINGS RD. RIGHT)

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

SHOULDER AND TRAVEL LANE BINDER AND FINAL ASPHALT SURFACE IS REQUIRED FROM MAINLINE SR-15 EDGE OF TRAVEL LANE TO BACK OF RADIUS RETURN ON SIDEROADS.

PAVING QUANTITIES ESTIMATED THROUGH THE RADIUS RETURNS.

***** SEE SHEET 2N FOR PAVING SCHEDULE *****



SUPERELEVATED SECTION
SIDE ROADS

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

WALDON RD. LEFT	STA. 10+36.45 TO STA. 12+52.13
WALDON RD. RIGHT	STA. 13+48.25 TO STA. 14+75.00
GLEN SPRINGS RD. LEFT	STA. 169+74.79
GLEN SPRINGS RD. RIGHT	STA. 158+95.59

SHOULDER AND TRAVEL LANE BINDER AND FINAL ASPHALT SURFACE IS REQUIRED FROM MAINLINE SR-15 EDGE OF TRAVEL LANE TO BACK OF RADIUS RETURN ON SIDEROADS.

PAVING QUANTITIES ESTIMATED THROUGH THE RADIUS RETURNS.

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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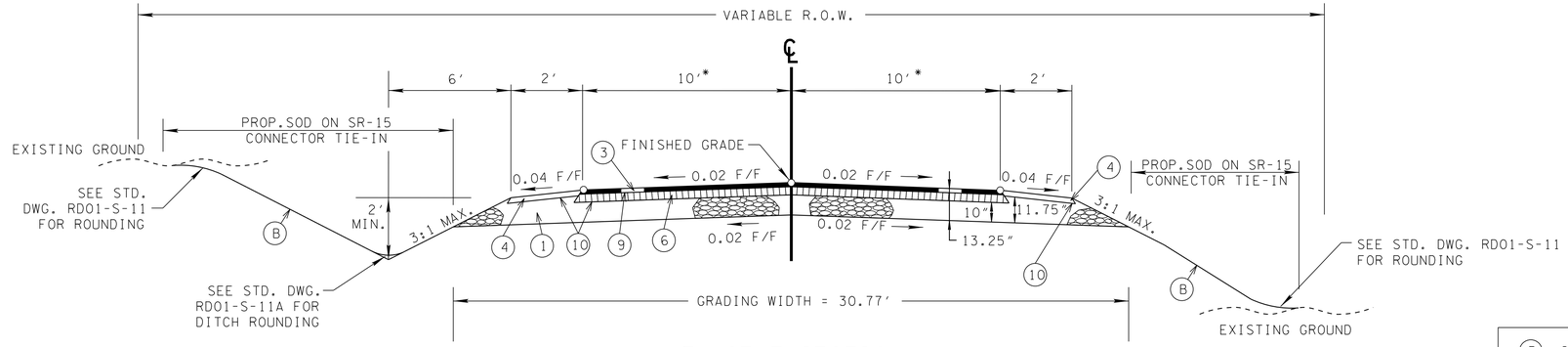
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2K

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



TANGENT SECTION
SIDE ROADS

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

* S.R. 15 CONNECTOR TIE-IN 10.5'

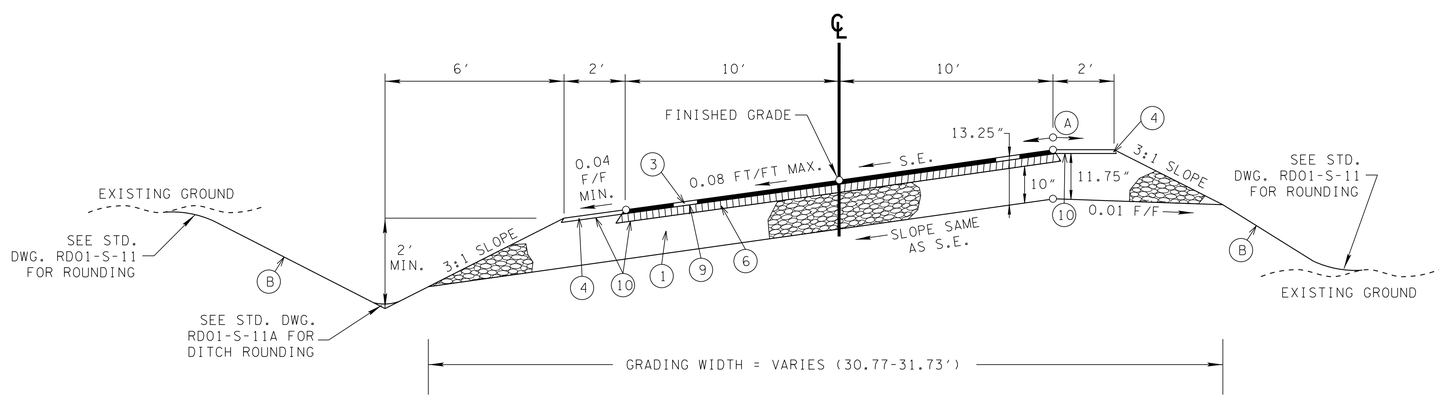
S.R. 15 CONNECTOR TIE-IN	STA. 4+27.00	(S.R. 15 CONNECTOR) (GRADING AND FULL-DEPTH PAVING REQUIRED.)
EAGLE FACTORY RD. RIGHT	STA. 226+24.42	PAVING ONLY (BINDER & SURFACE COURSE)
EAGLE FACTORY RD. RIGHT	STA. 248+85.48	PAVING ONLY (BINDER & SURFACE COURSE)
EAGLE FACTORY RD. LEFT	STA. 243+78.58	PAVING ONLY (BINDER & SURFACE COURSE)

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

SHOULDER AND TRAVEL LANE BINDER AND FINAL ASPHALT SURFACE IS REQUIRED FROM MAINLINE SR-15 EDGE OF TRAVEL LANE TO BACK OF RADIUS RETURN ON SIDEROADS.

PAVING QUANTITIES ESTIMATED THROUGH THE RADIUS RETURNS.

***** SEE SHEET 2N FOR PAVING SCHEDULE *****



SUPERELEVATED SECTION
SIDE ROADS

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

EAGLE FACTORY RD. RIGHT	STA. 248+85.48	PAVING ONLY (BINDER & SURFACE COURSE)
EAGLE FACTORY RD. LEFT	STA. 243+78.58	PAVING ONLY (BINDER & SURFACE COURSE)

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE II SLOPE TABLE
SEE STD. DWG. RD01-S-11
MAX SLOPE OF 3:1

SHOULDER AND TRAVEL LANE BINDER AND FINAL ASPHALT SURFACE IS REQUIRED FROM MAINLINE SR-15 EDGE OF TRAVEL LANE TO BACK OF RADIUS RETURN ON SIDEROADS.

PAVING QUANTITIES ESTIMATED THROUGH THE RADIUS RETURNS.

UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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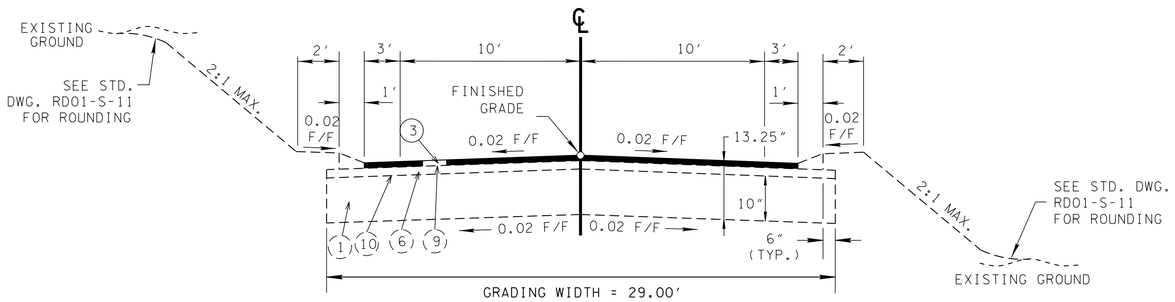
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2L

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



***** SEE SHEET 2N FOR PAVING SCHEDULE *****

TANGENT SECTION FOR ANN ROAD

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

STA. 21+30.00 TO STA. 23+52.18
STA. 24+48.54 TO STA. 26+50.00

SHOULDER AND TRAVEL LANE BINDER AND FINAL ASPHALT SURFACE IS REQUIRED FROM MAINLINE SR-15 EDGE OF TRAVEL LANE TO BACK OF RADIUS RETURN ON SIDEROADS.

PAVING QUANTITIES ESTIMATED THROUGH THE RADIUS RETURNS.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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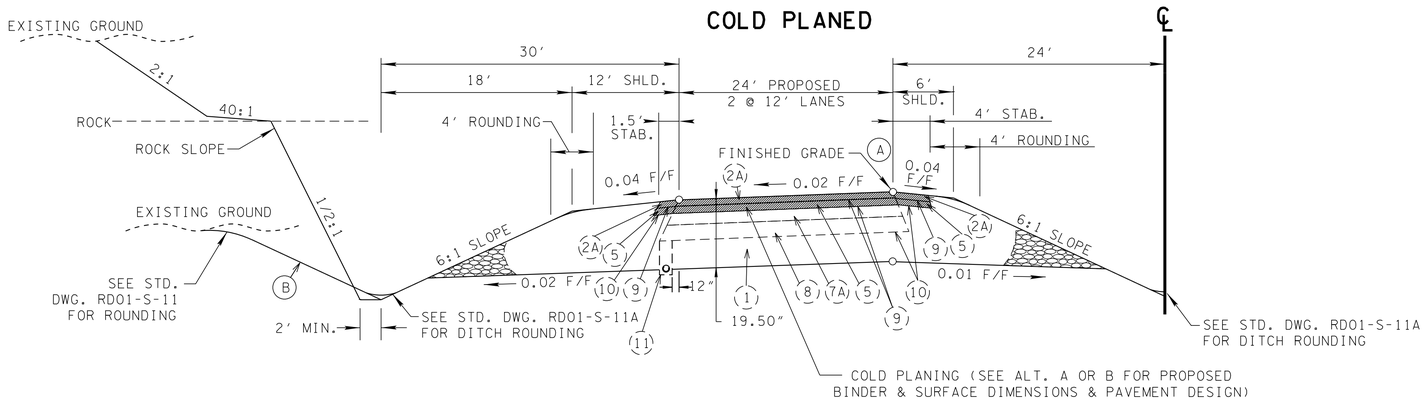
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2M

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



COLD PLANING REQUIRED FOR ALT. A & B

TANGENT SECTION
S.R. 15

(BASED ON STD. DWG. RD-TS-5)

STA. 158+20.58 TO STA. 166+05.77
STA. 300+00.00 TO STA. 322+00.00

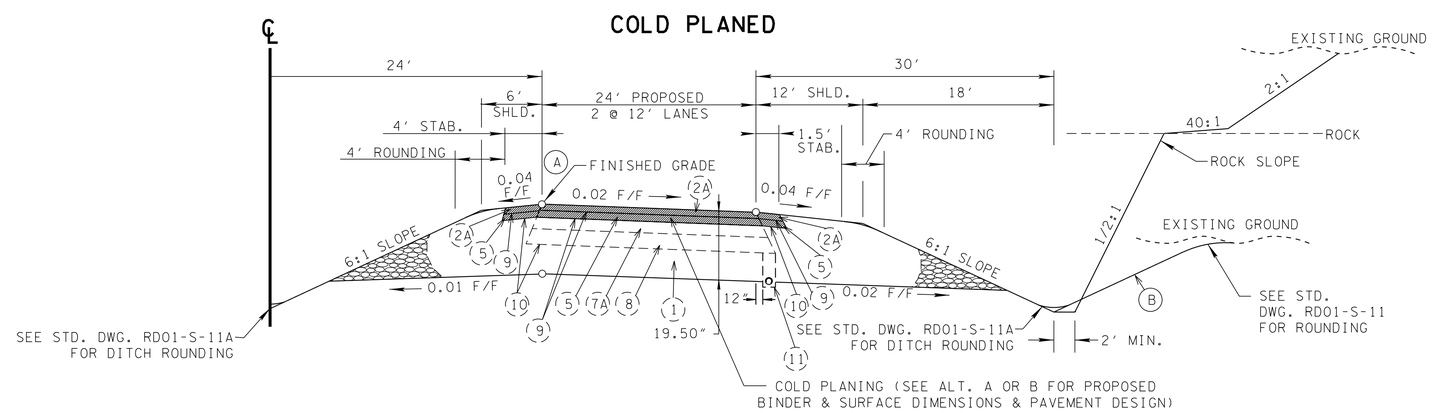
STA. 166+05.77 TO STA. 170+49.85,
STA. 300+00.00 TO STA. 303+10.08,
& STA. 308+27.38 TO STA. 322+00.00
ARE IN SUPERELEVATION, SEE SHEET
2D FOR DETAILS AND DIMENSIONS

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE I SLOPE TABLE
SEE STD. DWG. RD01-S-11

***** SEE SHEET 2N FOR PAVING SCHEDULE *****

***** SEE SHEET 2Q FOR SPECIAL DITCH DETAILS *****



NOTE:

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

COLD PLANING REQUIRED FOR ALT. A & B

TANGENT SECTION
S.R. 15

(BASED ON STD. DWG. RD-TS-5)

STA. 225+61.25 TO STA. 248+99.27 IS
IN SUPERELEVATION, SEE SHEET 2D FOR
DETAILS AND DIMENSIONS

STA. 248+99.27 TO STA. 249+60.60

(A) MAX. ROLLOVER 0.07 FT/FT

(B) CASE I SLOPE TABLE
SEE STD. DWG. RD01-S-11

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DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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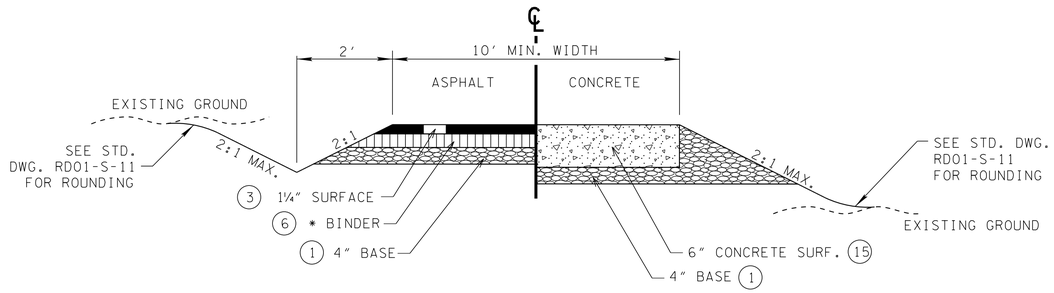
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2N

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



TYPICAL PRIVATE DRIVE OR FIELD ENTRANCE

NOTE:

FOUR (4) INCHES OF MINERAL AGGREGATE BASE WAS PLACED DURING THE PREVIOUS GRADING PROJECT. FOR THE MAJORITY OF THIS PROJECT, THE FINAL ASPHALT SURFACING, BINDER, BASE COURSES AND ADDITIONAL REQUIRED DEPTH OF MINERAL AGGREGATE BASE STONE SHALL BE PLACED OVER THE EXISTING 4" (APPROX. DEPTH) MINERAL AGGREGATE BASE STONE FOR SR-15.

FULL DEPTH ASPHALT SURFACING, BINDER AND BASE COURSES WERE PREVIOUSLY CONSTRUCTED AT SEVERAL SIDEROAD INTERSECTIONS ALONG SR-15. PARTIAL DEPTH COLD PLANING IS REQUIRED ALONG THE SIDEROAD AND TO A WIDTH BEYOND SR-15 PAVING LIMITS. THE EXISTING ASPHALT SURFACE AND/OR BINDER COURSES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE PLANED OFF AND REPLACED WITH FINAL SR-15 ASPHALT SURFACING AND BINDER COURSES. SEE SPECIAL NOTES, SHEET 2X, REGARDING PAVEMENT RESURFACING.

FINAL GRADING AND FULL DEPTH PAVING IS REQUIRED BETWEEN SR-15 STA. 19+92.35 AND STA. 27+00.

NOTES:
ALL PRIVATE DRIVE/FIELD ENTRANCE RADII SHALL BE 15' UNLESS OTHERWISE NOTED.

DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE PROJECT ENGINEER.

FIELD OR RESIDENTIAL

SURFACE - 1¼"
* BINDER - NONE
BASE - 4"

BUSINESS

SURFACE - 1¼"
* BINDER - 1¾"
BASE - 4"

PROPOSED PAVEMENT SCHEDULE

(1) **MINERAL AGGREGATE BASE - (VARIES) @ * 2.03 TONS/CY**
ITEM 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"

(2) **SURFACE - 1.25" THICK @ * 112.5 LBS/SY**
ITEM 411-03.19 ASPHALT CEM (PG70-22) FOR OGFC MIX (3.25%)
ITEM 411-03.16 AGGREGATE FOR OGFC MIX (96.75%)

(2A) **SURFACE - 1.25" THICK @ * 132.5 LBS/SY**
ITEM 411-02.10 ASPHALT CONCRETE MIX (PG70-22) GRADING "D"

(3) **SURFACE - 1.25" THICK @ * 132.5 LBS/SY**
ITEM 411-01.10 ASPHALT CONCRETE MIX (PG64-22) GRADING "D"

(4) **SURFACE - 1.5" THICK @ * 154.5 LBS/SY**
ITEM 411-01.07 ASPHALT CONCRETE MIX (PG64-22) GRADING "E" SHOULDER

(5) **BINDER - 2" THICK @ * 226 LBS/SY**
ITEM 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"
(5A) = 2.5" THICK @ * 282.5 LBS/SY - S.R. 15 CONNECTOR

(6) **BINDER - 2" THICK @ * 226 LBS/SY**
ITEM 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"

(7) **BLACK BASE - @ * 115 LBS/SY/IN.**
ITEM 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"
(7A) = 3.50" THICK - S.R. 15
(7C) = 4.00" THICK - WESTPOINT RD.CONN., S.R. 15 CONNECTOR
(7D) = 3.00" THICK - WALDON RD., GLEN SPRINGS RD.

(8) **BLACK BASE - 3" THICK @ * 270 LBS/SY**
ITEM 307-02.02 ASPHALT CEMENT (PG70-22) (BPMB-HM) GRADING "A-S" (3.25%)
ITEM 307-02.03 AGGREGATE (BPMB-HM) GRADING "A-S" (96.75%)

(9) **TACK COAT**
ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT @ * 0.07 GAL/SY (GENERAL USE)
@ * 0.10 GAL/SY (MILLING - COLD PLANE)

(10) **PRIME COAT**
ITEM 402-01 BITUMINOUS MATERIAL FOR PRIME COAT @ 0.30-0.35 GAL/SY
ITEM 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LBS/SY

(11) **UNDERDRAINS**
ITEM 710-02 AGGREGATE UNDERDRAINS (WITH PIPE)

(12) **CEMENT TREATED BASE - 4"**
ITEM 309-01.01 MINERAL AGGREGATE (A-CBC) @ 1.9456 TONS/CY
ITEM 309-01.02 PORTLAND CEMENT (A-CBC) @ 0.0751 TONS/CY

(13) **CONCRETE BASE - 4"**
ITEM 313-03 TREATED PERMEABLE BASE

(14) **CONCRETE PAVEMENT - 10"**
ITEM 501-01.03 PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN)

(15) **CONCRETE PAVEMENT- 6" THICK**
ITEM 701-02 CONCRETE DRIVEWAY (S.F.)

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TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2P

TENNESSEE D.O.T.
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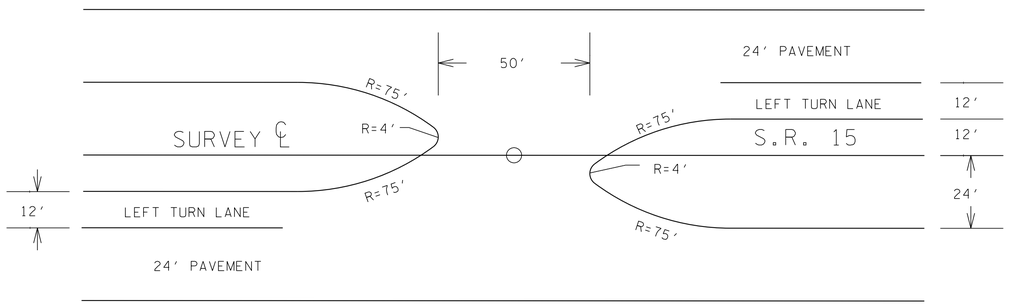
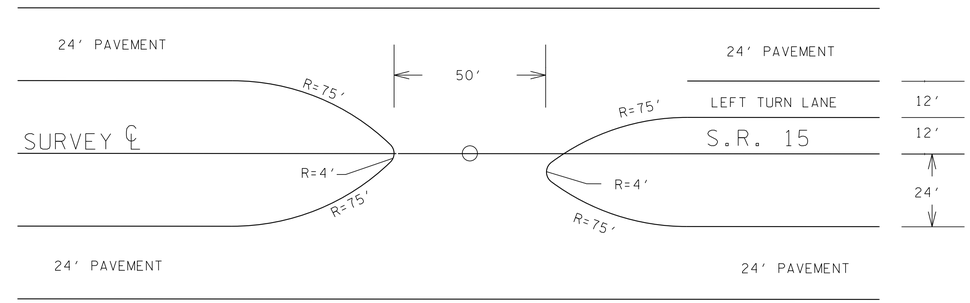


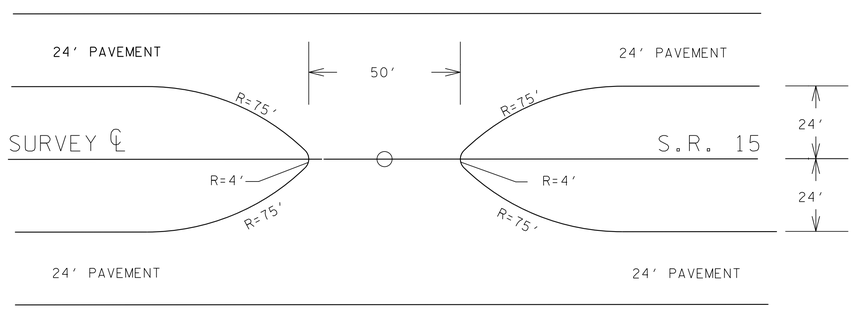
SIDE ROAD DOUBLE TURN LANE

50' OPENING



SIDE ROAD SINGLE TURN LANE

50' OPENING



INTERMEDIATE MEDIAN OPENINGS

50' OPENING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	20

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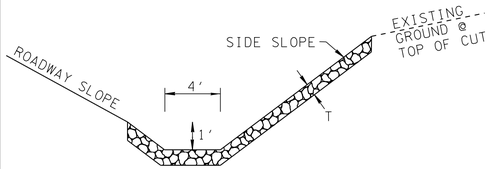
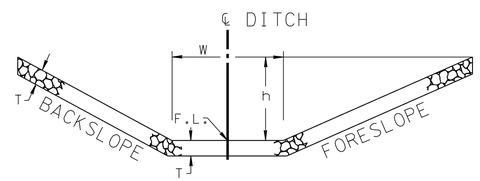


RIP-RAP SLOPE DITCH

NOTE: SEE DITCH TABLE AND PROPOSED LAYOUTS FOR SPECIAL DITCH TABULATION

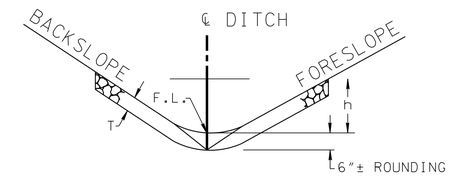
'T' = THICKNESS, BASED ON CLASS OF RIP-RAP (SEE STANDARD SPECIFICATIONS)



FLAT BOTTOM RIP-RAP DITCH

NOTE: THICKNESS (T) FOUND IN TDOT CONSTRUCTION SPECIFICATIONS BOOK

* 'h' IS 1' ABOVE CALCULATED FLOW DEPTH WHERE POSSIBLE



"V" RIP-RAP DITCH

NOTE: THICKNESS (T) FOUND IN TDOT CONSTRUCTION SPECIFICATIONS BOOK

* 'h' IS 1' ABOVE CALCULATED FLOW DEPTH WHERE POSSIBLE

NOTES:

1. ALL SPECIAL DITCHES ARE SHOWN ON PROPOSED LAYOUT SHEETS AND PROFILE SHEETS.
2. DIMENSIONS, LININGS, AND SLOPES OF DITCHES WILL BE SHOWN IN THE CONSTRUCTION PLANS DITCH TABLE.
3. ALL DITCHES NOT SHOWN IN THE DITCH TABLE OR NOTED ON PROPOSED LAYOUTS WILL HAVE EROSION CONTROL BLANKET - TYPE II AS THEIR LINING.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

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TENNESSEE D.O.T.
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FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2U

GENERAL NOTES

GRADING

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

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

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

SEEDING AND SODDING

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

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

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

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

GUARDRAIL

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

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

(3) 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 PIPE CULVERTS 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) 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.

(4) 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

(1) LOCATION OF THE FENCE SHALL BE ONE FOOT INSIDE THE RIGHT-OF-WAY EXCEPT WHERE SHOWN ON THE PLANS.

(2) FENCES SHALL BE TURNED IN AT DRAINAGE STRUCTURES, STOCK PASSES AND BRIDGES WHERE DIRECTED BY THE ENGINEER SO AS TO ABUT WINGWALLS AND/OR ABUTMENTS.

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

(4) THE CONTRACTOR SHALL BE REQUIRED TO INSTALL ACCESS CONTROL FENCES PRIOR TO CUTTING EXISTING STOCK FENCES IN AREAS UTILIZED BY DOMESTIC LIVESTOCK OR OTHER AREAS AS DIRECTED BY THE ENGINEER.

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) 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. 716-05.02, PAINTED PAVEMENT MARKING (8" BARRIER LINE), L.F.

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.

FINAL PAVEMENT MARKING IF REFLECTORIZED PAINT IS USED

(4) PERMANENT PAVEMENT LINE MARKINGS SHALL BE REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01 PAINTED PAVEMENT MARKING (4IN LINE), L.M.

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

(5) THE PAVEMENT MARKING ON THE MEDIAN CROSS-OVER FOR CENTERLINE, EDGE LINES AND LANE LINES 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. 716-05.02, PAINTED PVMT MARKING (8 IN BARRIER LINE), LIN. FT.

(6) BEFORE OPENING THE MEDIAN CROSS-OVER 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.

UNOFFICIAL SET
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2V

GENERAL NOTES CON'T

PAVEMENT

PAVING

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

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

SIGNING

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

(2) 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.

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

(4) 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.

(5) 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.

(6) 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.

SIGNALIZATION

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

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

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

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

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

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

EROSION PREVENTION AND SEDIMENT CONTROL

DISTURBED AREA

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

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

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

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

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

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

SEDIMENT CONTROL

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

(8) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT ON ROADWAYS USED BY THE GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT.

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

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

(11) FOR AN OUTFALL IN A DRAINAGE AREA OF 10 ACRES OR MORE, A TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURES THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR/ 24-HOUR STORM EVENT, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. THE ENVIRONMENTAL AND ROOADWAY DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS.

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

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

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

STREAM/WETLAND

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

(16) 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.

(17) 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.

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

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2W

GENERAL NOTES CON'T

STREAM/WETLAND CON'T

(19) 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.

(20) 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.

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

SPECIES

(22) 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

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

(24) 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.

(25) 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.

(26) 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.

(27) 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.

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

(29) UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE TIMEFRAME, WRITTEN DOCUMENTATION MUST BE PROVIDED IN THE FIELD BOOK AND AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION.

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

MATERIALS

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

SWPPP, PERMITS, PLANS, RECORDS

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

(33) ANY DISAGREEMENT BETWEEN THE PROJECT PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT ENGINEER. THE ENVIRONMENTAL DIVISION, 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.

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

(35) ALL WATER QUALITY AND STORM WATER PERMITS, INCLUDING A COPY OF THE NOC WITH NPDES PERMIT TRACKING NUMBER AND THE LOCATION OF THE SWPPP, SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A 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.

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

(37) THE SWPPP SHALL BE UPDATED BY CONSTRUCTION WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY. THE ENVIRONMENTAL DIVISION SHALL BE CONTACTED WHEN MAJOR DESIGN REVISIONS ARE REQUESTED BY CONSTRUCTION. THE ENVIRONMENTAL DIVISION MAY BE CONTACTED FOR GUIDANCE ON SPECIFIC SWPPP NEEDS. A COPY OF ANY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS SHALL BE RETAINED IN THE SWPPP.

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

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

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

LITTER, DEBRIS, WASTE, PETROLEUM

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

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

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2X

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

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.

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

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

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

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

PAVEMENT RESURFACING

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

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

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

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

D. THE MILLED SURFACE SHALL BE PAVED WITHIN 48 HOURS.

E. RAIN OR INCLEMENT WEATHER IS NOT EXPECTED OR FORECASTED WITHIN 48 HOURS AFTER MILLING.

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

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

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

EXISTING SUBBASE PREPARATION FOR SR-15

(1) NO ADDITIONAL PAYMENT SHALL BE MADE FOR PREPARATION OF THE EXISTING 4" MINERAL AGGREGATE BASE PLACED BY OTHERS ON SR-15. ALL COSTS FOR SUBBASE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PROJECT PAVING ITEMS.

SPECIAL NOTE

(1) ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 – RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.

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DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2Z

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

PAVEMENT QUANTITIES

	LOCATION	PAY ITEMS															
		303-01 (TON)		307-01.08 (TON)	307-02.01 (TON)		307-02.02 (TON)		307-02.03 (TON)		307-02.08 (TON)		309-01.01 (TON)	309-01.02 (TON)	313-03 (S.Y.)	
		ALT. A	ALT. B		ALT. A	ALT. B	ALT. A	ALT. B	ALT. A	ALT. B	ALT. A	ALT. B	ALT. B	ALT. B	ALT. A	ALT. B
	SR-15 MAINLINE	148638	112804		30659	30659	682	682	20280	20280	27400	27400	32030	1561		
	SR-15 CONN.	2223	2223		607	607					367	367				
	RAMPS	3549	3549												9285	9285
	SR-15 CONN. TIE-IN	269	269	38												
	PVT. DRIVES	399	399													
	WEST POINT CONN.	4171	4171		1413	1413					689	689				
(1)	ALL OTHER SIDE RDS.			133												
	MEDIAN CROSSOVER	2639	2639								816	816				
(2)	TEMP. PVMT. AT BEG. PROJECT										454	454				
	TOTALS	**161888**	**126054**	**171**	**32679**	**32679**	**682**	**682**	**20280**	**20280**	**29726**	**29726**	**32030**	**1561**	**9285**	**9285**

(1) FOR PAVING TO THE BACK OF THE RADIUS RETURNS ON SIDE ROADS.
(2) FOR TEMPORARY PAVEMENT DURING TRAFFIC CONTROL AS DIRECTED BY THE ENGINEER.

PAVEMENT QUANTITIES (CONTINUED)

	LOCATION	PAY ITEMS										
		402-01 (TON)		402-02 (TON)		403-01 (TON)		411-01.07 (TON)		411-01.10 (TON)	411-02.10 (TON)	
		ALT. A	ALT. B	ALT. A	ALT. B	ALT. A	ALT. B	ALT. A	ALT. B		ALT. A	ALT. B
	SR-15 MAINLINE	359	359	1422	1422	123	123					
	SR-15 CONN.	6	6	24	24	2	2	102	102		170	170
	RAMPS											
	SR-15 CONN. TIE-IN	1	1	1	1	1	1	5	5	22		
	PVT. DRIVES									101		
	WEST POINT CONN.	13	13	48	48	4	4	140	140		403	403
	WALDEN RD.	1	1	2	2	1	1	15	15		62	62
(1)	GLEN SPRINGS RD.					1	1				31	31
	ANN RD.					1	1			98		
(1)	ALL OTHER SIDE RDS.					2	2			158		
	MEDIAN CROSSOVER	5	5	18	18							
(2)	TEMP. PVMT. AT BEG. PROJECT	3	3	10	10							
	TOTALS	**388**	**388**	**1525**	**1525**	**135**	**135**	**262**	**262**	**379**	**666**	**666**

(1) FOR PAVING TO THE BACK OF RADIUS RETURNS.
(2) FOR TEMPORARY PAVEMENT DURING TRAFFIC CONTROL AS DIRECTED BY THE ENGINEER.

PAVEMENT QUANTITIES (CONTINUED)

LOCATION	PAY ITEMS							
	411-03.16 (TON)		411-03.19 (TON)		415-01.01 (TON)		501-01.03 (S.Y.)	701-02 (S.F.)
	ALT. A	ALT. B	ALT. A	ALT. B	ALT. A	ALT. B		
SR-15 MAINLINE	13305	13305	447	447	2037	2037		
SR-15 CONN.								
RAMPS							9285	
SR-15 CONN. TIE-IN								
PVT. DRIVES								148
WEST POINT CONN.								
TOTALS	**13305**	**13305**	**447**	**447**	**2037**	**2037**	**9285**	**148**

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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.	2014	NH-15 (180)	2AA

TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	M.U.T.C.D. NO.	UNIT	SIGNS S.F. / EACH	SIZE	QUANTITY PHASE 1	QUANTITY PHASE 2	TOTAL	REMARKS
		END ROAD WORK	G20-2		4.5	36"X18"	16		72.0	
		ROAD WORK 1 MILE	W20-1		16	48"X48"	2	2	32.0	
		ROAD WORK 1 MILE	W20-1		9	36"X36"	2		18.0	
		ROAD WORK 1/2 MILE	W20-1		16	48"X48"	2	2	32.0	
		ROAD WORK 1/2 MILE	W20-1		9	36"X36"	2		18.0	
		ROAD WORK 1000 FT	W20-1		16	48"X48"	2	2	32.0	
		ROAD WORK 1500 FT	W20-1		9	36"X36"	2		18.0	
		ROAD WORK 1500 FT	W20-1		16	48"X48"	1		16.0	
		ROAD WORK AHEAD	W20-1		9	36"X36"	11		99.0	
		RIGHT LANE CLOSED 1500 FT	W20-5R		16	48"X48"		2	32.0	
		RIGHT LANE CLOSED 1/2 MILE	W20-5R		16	48"X48"		2	32.0	
		NEW TRAFFIC PATTERN AHEAD	W23-2		16	48"X48"		11	176.0	
		RIGHT SHOULDER CLOSED 1500 FT	W21-5R		9	36"X36"	1		9.0	
		RIGHT SHOULDER CLOSED	W21-5R		9	36"X36"	1		9.0	
		NEXT 2900 FT (SUPPLEMENTAL)	W7-34P		5	30"X24"	1		5.0	
		FLAGGER	W20-7		9	36"X36"		2	18.0	
		ROAD CLOSED	R11-2		10	48"X30"	26	2	260.0	
		MERGE LEFT	W4-2R		16	48"X48"		2	32.0	FOR TEMP. CROSS-OVER
		TWO-WAY TRAFFIC	W6-3		16	48"X48"		2	32.0	FOR TEMP. CROSS-OVER
		DO NOT PASS	R4-1		20	48"X60"		2	40.0	FOR TEMP. CROSS-OVER
		LEFT ARROW	W1-6L		8	48"X24"		1	8.0	FOR TEMP. CROSS-OVER
		LEFT CURVE ARROW	W1-4AL		16	48"X48"		1	16.0	FOR TEMP. CROSS-OVER
		35 M.P.H.	W13-1		4	24"X24"		2	8.0	FOR TEMP. CROSS-OVER
		DETOUR	M4-8		2	24"X12"		2	4.0	FOR DETOUR
		END DETOUR	M4-8A		3	24"X18"		2	6.0	FOR DETOUR
		DETOUR RIGHT	M4-9R		5	30"X24"		1	5.0	FOR DETOUR
		DETOUR LEFT	M4-10L		6	48"X18"		1	6.0	FOR DETOUR
		STRAIGHT ARROW	M6-3		4.375	30"X21"		2	8.8	FOR DETOUR
		ROAD CLOSED AHEAD (LOCAL TRAFFIC ONLY)	R11-3A		12.5	60"X30"		1	12.5	FOR DETOUR
		ROAD CLOSED TO THRU TRAFFIC	R11-4		12.5	60"X30"		1	12.5	FOR DETOUR
		SR-15 (US-64)			5.25	42"X18"		3	15.8	FOR DETOUR
(1)	**712-06**	**TOTALS FOR SIGNS**		**S.F.**					**1085**	
	621-03.02	18" TEMPORARY DRAINAGE PIPE		L.F.			400		400	FOR TEMP. CROSS-OVER
(6)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3		EACH			2	2	4	
(4)	712-01	TRAFFIC CONTROL		L.S.					1	
(2)	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL		L.F.			1000		1000	
(1)	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)		EACH			326	40	326	
	712-04.50	PORTABLE BARRIER RAIL DELINEATOR		EACH			50		50	
(1)	712-05.01	WARNING LIGHTS (TYPE A)		EACH			86	4	86	
(5)	712-06.01	VERTICAL PANELS		S.F.				36	36	
(1)	712-07.03	TEMPORARY BARRICADES (TYPE III)		L.F.			756	60	756	
(1)	712-08.03	ARROW BOARD (TYPE C)		EACH	32	96"X48"	2	2	2	
(3)	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)		L.F.			1168		1168	
(2)	713-16.01	CHANGEABLE MESSAGE SIGN UNIT		EACH			4		4	
(3)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)		L.M.				12.10	12.10	

(1) TOTAL QUANTITY FOR ITEM INCLUDES ONLY THE MAXIMUM REQUIRED FOR ANY ONE PHASE.
(2) TO BE USED AS DIRECTED BY PROJECT ENGINEER.
(3) FOR TRAFFIC CONTROL AND USE ON INTERMEDIATE PAVEMENT LAYERS.
(4) INCLUDES THE REMOVAL OF 2 MEDIAN CROSS-OVERS.
(5) VERTICAL PANELS ARE ON THE LEFT SIDE OF THE CROSS OVER.
(6) 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 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.

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DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2AB

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

PROPOSED GUARDRAIL

	SHEET NO.	LOCATION	SIDE		STATION		GUARDRAIL						REMARKS
							BRIDGE ENDS 705-01.01 (L.F.)	SINGLE TYPE 2 705-02.02 (L.F.)	TYPE 13 705-04.03 (EACH)	TYPE 21 705-04.04 (EACH)	TYPE IN-LINE 705-04.05 (EACH)	TYPE 38 705-04.07 (EACH)	
			LT	RT	FROM	TO							
	4A/5A	MAINLINE		X	25+00	31+00		537.50	1			1	
(1)	5A	SR-15 CONNECTOR		X	4+56	7+40		325.00	1		1	1	CURVED GUARDRAIL-SEE STD. DWG. S-PL-2
(1)	7A	MAINLINE	X		65+47	66+78		143.75	1	1	1		CURVED GUARDRAIL-SEE STD. DWG. S-PL-2
	8A/9A	MAINLINE		X	79+45	87+53		737.50	1			1	
	8A/9A	MAINLINE	X		81+97	91+05		856.25	1			1	
	9A/10A	MAINLINE	X		92+97	96+46	26.9	318.75	1				
	9A/10A	MAINLINE		X	94+00	96+53	26.9	175.00				1	
	9A/10A	MAINLINE		X	93+95	96+61	26.9	187.50				1	
	10A	MAINLINE	X		98+37	107+05	26.9	787.50				1	
	10A	MAINLINE	X		98+43	100+97	26.9	175.00				1	
	10A	MAINLINE		X	98+50	106+03	26.9	725.00	1				
	11A	MAINLINE		X	112+95	117+03		356.25	1			1	
	11A/12A	MAINLINE	X		115+97	121+05		456.25	1			1	
	13A	MAINLINE		X	141+45	146+13	26.9	387.50				1	
	13A	MAINLINE		X	144+23	146+34	26.9	137.50				1	
	14A	MAINLINE	X		152+56	155+11	26.9	175.00				1	
	14A	MAINLINE	X		152+77	159+05	26.9	550.00				1	
	15A	MAINLINE	X		162+97	168+55		506.25	1			1	
	15A	MAINLINE		X	166+45	172+53		556.25	1			1	
	16A/17A	MAINLINE	X		175+47	194+05		1806.25	1			1	
	16A/17A	MAINLINE		X	184+95	196+50	26.9	1075.00				1	
	17A/18A	MAINLINE		X	197+93	200+47	26.9	175.00				1	
	18A	MAINLINE		X	199+30	200+41	26.9	31.25				1	
	18A/19A	MAINLINE	X		206+56	213+55	26.9	625.00				1	
	18A	MAINLINE	X		206+65	209+19	26.9	175.00				1	
	18A	MAINLINE		X	206+59	211+53	26.9	468.75	1				
	20A/21A	MAINLINE		X	226+95	244+03		1662.50	1			1	
	20A/21A	MAINLINE	X		234+47	243+05		812.50	1			1	
	22A/23A	MAINLINE	X		248+97	267+55		1812.50	1			1	
	22A/23A	MAINLINE		X	249+45	265+53		1562.50	1			1	
	24A	MAINLINE		X	273+45	277+53		362.50	1			1	
	24A	MAINLINE	X		275+97	282+33		587.50	1			1	
	24A	MAINLINE	X		282+63	285+00	26.9	212.50	1				
	24A	MAINLINE		X	284+38	284+95	26.9	31.25					ATTENUATOR (AT DIVERGING GUARDRAIL)
	24A	MAINLINE/RAMP ES		X	284+38	285+26	26.9	62.50				1	ATTENUATOR (AT DIVERGING GUARDRAIL)
	24A/25A	MAINLINE		X	281+91	285+33	26.9	262.50				1	
	24A/25A	MAINLINE		X	284+10	285+26	26.9	31.25				1	
	25A	RAMP NW	X		5+39	6+20	26.9	6.25				1	
	25A/26A	RAMP NW		X	1+47	6+06	26.9	381.25				1	
	25A	MAINLINE	X		287+29	288+11	26.9	6.25				1	
	25A	MAINLINE	X		287+46	290+00	26.9	175.00				1	
	25A	MAINLINE		X	289+29	291+84	26.9	175.00				1	
	25A	MAINLINE		X	291+03	291+85	26.9	6.25				1	
	25A	MAINLINE	X		294+07	294+89	26.9	6.25				1	
	25A	MAINLINE	X		294+23	296+78	26.9	175.00				1	
	TOTALS						**781**	**20782**	**20**	**1**	**2**	**39**	

NOTE: GUARDRAIL SHOWN IN THE PROPOSED LAYOUT SHEETS SHALL BE INSTALLED WITH THIS PAVING PROJECT.

(1) INSTALL CURVED GUARDRAIL SECTION ACCORDING TO STD. DWG. NO. S-PL-2.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	2AC

DITCHES

ROAD	STATION FROM	STATION TO	SIDE LT	SIDE TYPE	SIDE RT	SLOPE FORE (H/V)	SLOPE BACK (H/V)	SLOPE DEPTH OF FLOW (FT.)	TYPE	WIDTH OF TREATMENT (L.F.)	CLASS A-1 RIP-RAP 709-05.06 (TONS)	SOD 803-01 (S.Y.)	ECB TYPE I 805-12.01 (S.Y.)	GEOTEXTILE TYPE III 740-10.03 (S.Y.)	REMARKS
SR-15	19+92.35	24+00.00	X			6	4	1.0	V	16		756			
SR-15	19+92.35	27+00.00		MED.		6	6	1.0	V	12		945			
SR-15	24+00.00	27+00.00	X			6	4	0.7	V	16		533			
SR-15 CONNECTOR	2+00.00	4+00.00			X	6	4	0.8	TOF	16		382			
SR-15 CONNECTOR TIE-IN	0+64.00	1+50.00			X	3	4	1.1	SP. V	12		147			
SR-15 CONNECTOR TIE-IN	1+50.00	1+75.00			X	3	4	0.4	SP. V	14	50			67	
SR-15 CONNECTOR TIE-IN	1+00.00	1+75.00	X			3	4	0.3	V	12		113			
TOTALS											**50**	**2876**	**0**	**67**	

ESTIMATED GRADING QUANTITIES

ROAD NAME	STATION FROM	STATION TO	ROAD AND DRAINAGE EXCAVATION (UNCL.) COMMON (C.Y.)	ROAD AND DRAINAGE EXCAVATION (UNCL.) EXCESS (C.Y.)	EMB. (C.Y.)	TOPSOIL (1) 203-07 (C.Y.)	REMARKS
S.R. 15	19+92.35	27+00	7469	7127		1000	
S.R. 15 CONNECTOR	0+80	5+00	1745		1071		
S.R. 15 CONNECTOR TIE-IN	0+17	1+75	70		115		
DRIVES			1114		729		
EPSC			15				
TOTALS			**10413**	**7127**	**1915**	**1000**	

(1) FURNISHING & SPREADING TOPSOIL TO BE USED AS DIRECTED BY THE ENGINEER.

SIDE DRAIN TABULATION

ROAD	STATION	LOCATION LT	LOCATION RT	DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE OR PVC (L.F.) FILL HEIGHT < OR = 10 FT. 18" 607-03.30	24" 607-05.30	30" 607-06.30	END TREATMENT TYPE	DRAWING NUMBER	CLASS A-1 RIP-RAP 709-05.06 (TON)	GEO-TEXTILE (TYPE III) 740-10.03 (S.Y.)	REMARKS
S.R. 15	20+08.00		X	PVT. DR. - ASPHALT	10								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY; NO SIDE DRAIN
S.R. 15	20+48.00	X		PVT. DR. - ASPHALT	12	35							NO ENDWALL
S.R. 15	21+92.00	X		PVT. DR. - ASPHALT	12	30							NO ENDWALL
S.R. 15	22+80.00	X		PVT. DR. - CONCRETE	12	30							NO ENDWALL
S.R. 15	24+50.00		X	FLD. ENT. - ASPHALT	16								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY; EXIST. SIDE DRAIN
EXISTING S.R. 15	27+53.06	X		FLD. ENT. - GRAVEL	10	24					1.6	1.8	NO ENDWALL
EXISTING S.R. 15	27+53.06	X		TURN - AROUND - GRAVEL	20								NO SIDE DRAIN
S.R. 15 CONNECTOR	1+95.00	X		PVT. DR. - ASPHALT	20		36						NO ENDWALL
S.R. 15	31+50.00		X	FLD. ENT. - ASPHALT	16								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY
S.R. 15	40+22.29	X		FLD. ENT. - ASPHALT	14								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY
S.R. 15	40+22.29		X	FLD. ENT. - ASPHALT	14								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY
S.R. 15	166+09.00		X	FLD. ENT. - ASPHALT	20	46							NO ENDWALL
S.R. 15	268+45.00	X		PVT. DR. - ASPHALT	10								NO GRADE/DRAIN REQ'D; PAVING AND BASE STONE ONLY
RAMP NW	11+00.00		X	EMERGENCY ACCESS - ASPHALT	16								NO SIDE DRAIN
TOTALS						**165**	**36**	**0**			**1.6**	**1.8**	

UNOFFICIAL SET
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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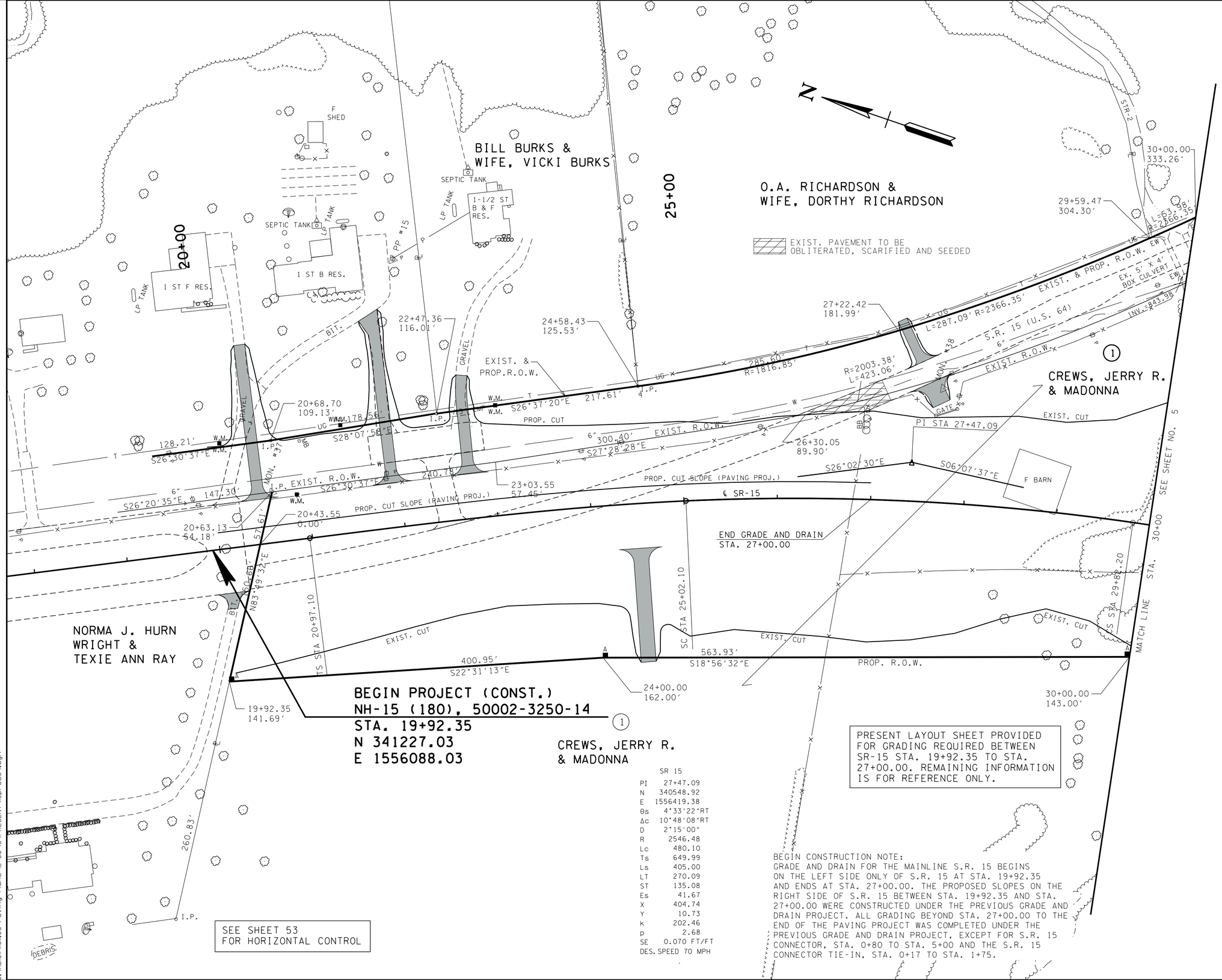
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	4



PRESENT LAYOUT SHEET PROVIDED FOR GRADING REQUIRED BETWEEN SR-15 STA. 19+92.35 TO STA. 27+00.00. REMAINING INFORMATION IS FOR REFERENCE ONLY.

SR 15	
PI	27+47.09
N	340548.92
E	1556419.38
θs	4°33'22"RT
Δc	10°48'08"RT
D	2°15'00"
R	2546.48
Lc	480.10
Ts	649.99
Ls	405.00
LT	270.09
ST	135.08
Es	41.67
X	404.74
Y	10.73
k	202.46
p	2.68
SE	0.070 FT/FT
DES. SPEED	70 MPH

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

UTILITY OWNERS

WATER, GAS & SEWER:
LAWRENCEBURG UTILITY SYSTEMS
1607 NORTH LOCUST STREET
LAWRENCEBURG, TN 38464
ROBERT JACOBS
931-762-7436 EXT. 245

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

BEGIN PROJ. TO STA. 30+00

SCALE: 1"= 50'

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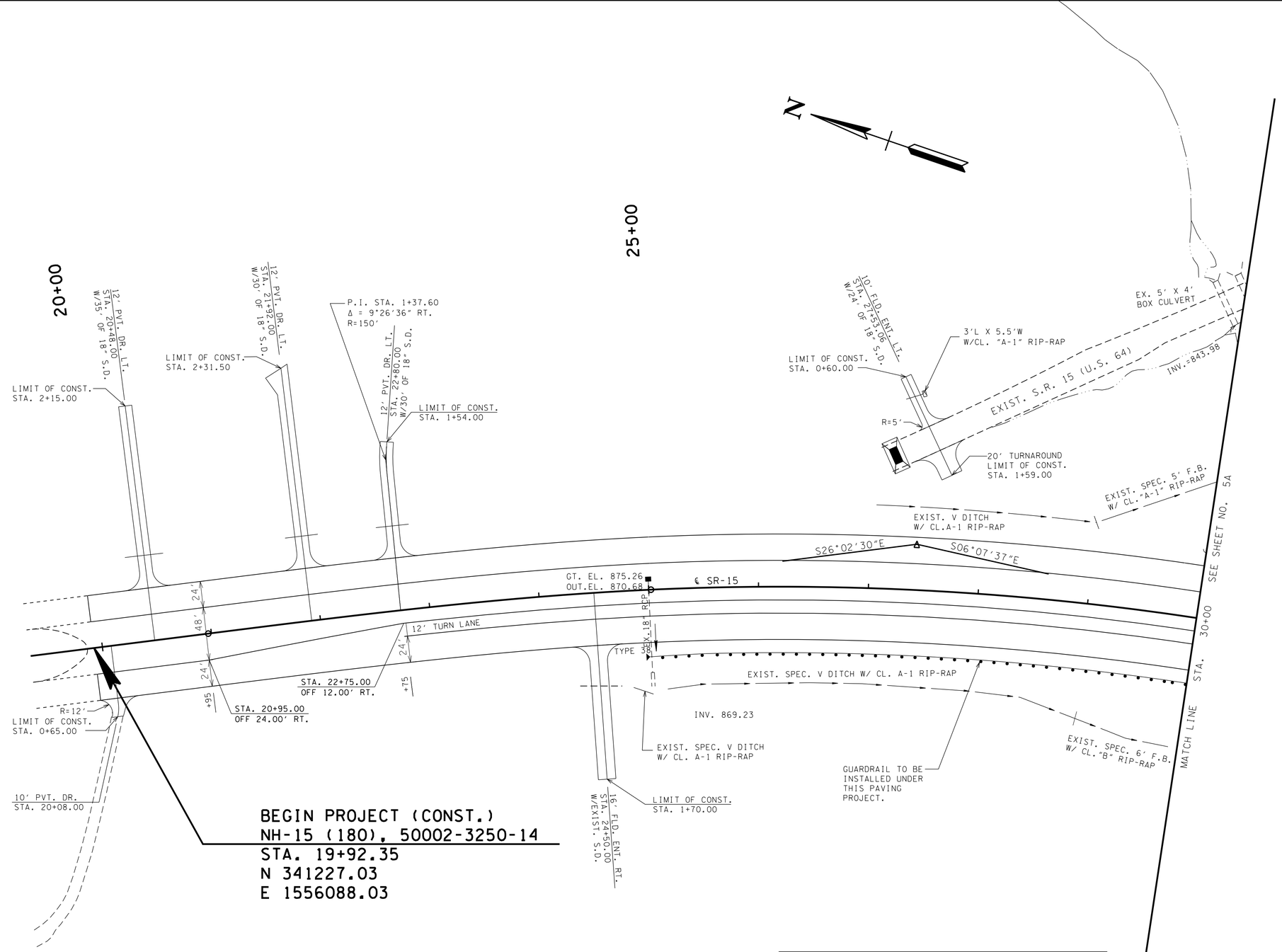
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	4A



NOTE: CONSTRUCT ALL GUARDRAIL ALONG SR-15

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

NOTE: ALL DRIVEWAY RADII ARE 15' UNLESS OTHERWISE NOTED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

BEGIN PROJ. TO STA. 30+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	4B

EARTHWORK SUMMARY (ASSUME 15% SHRINKAGE)

EXC. (UNCL.) = 10413 C.Y.

COMMON: INCLUDES 7469 C.Y. FOR S.R. 15, 1745 C.Y. FOR S.R. 15 CONNECTOR, 70 C.Y. FOR S.R. 15 CONNECTOR TIE-IN, 1114 C.Y. FOR PVT. DRIVES, & 15 C.Y. FOR EPSC.

EMB. = 1915 C.Y.

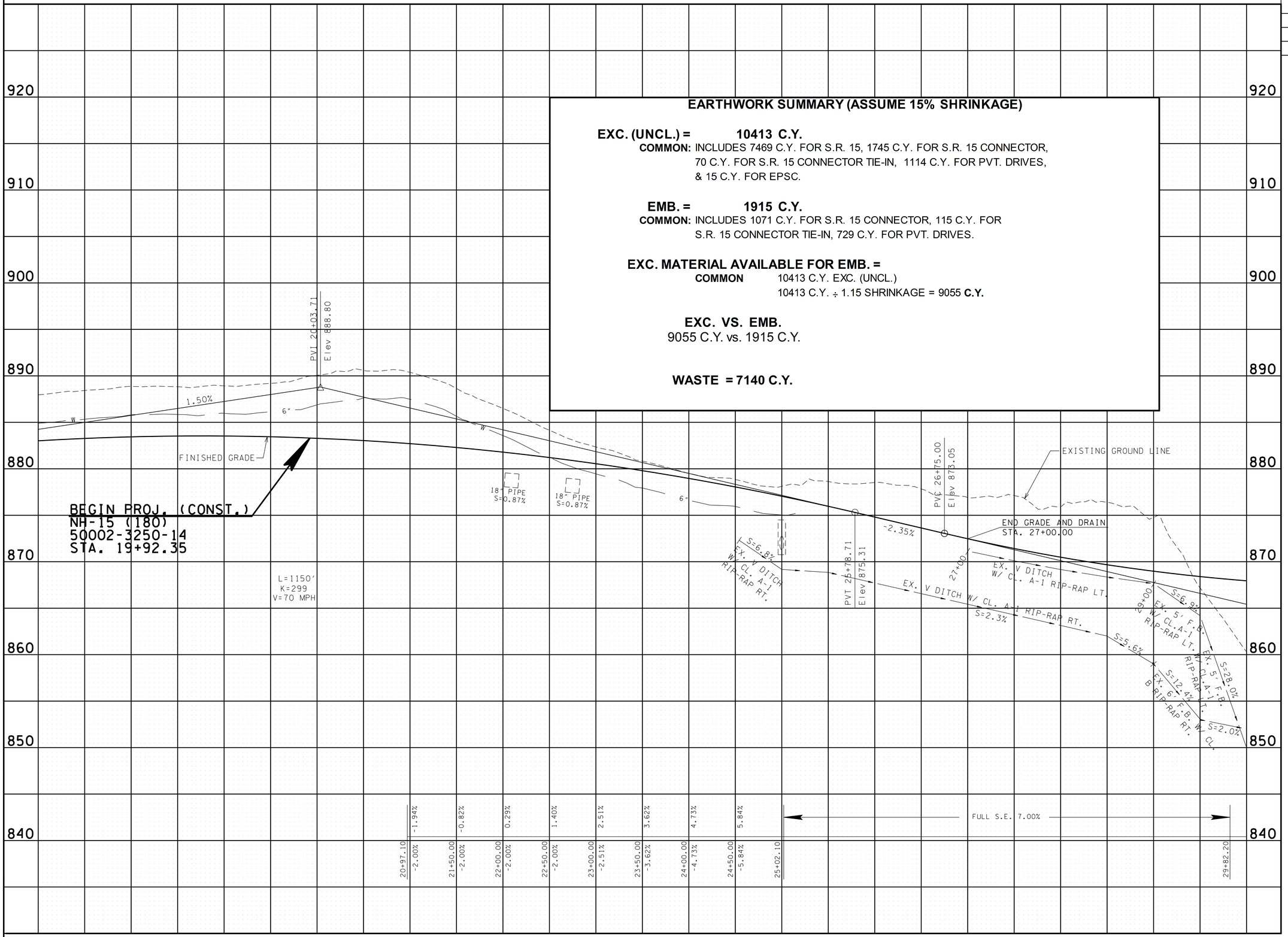
COMMON: INCLUDES 1071 C.Y. FOR S.R. 15 CONNECTOR, 115 C.Y. FOR S.R. 15 CONNECTOR TIE-IN, 729 C.Y. FOR PVT. DRIVES.

EXC. MATERIAL AVAILABLE FOR EMB. =

COMMON 10413 C.Y. EXC. (UNCL.)
10413 C.Y. ÷ 1.15 SHRINKAGE = 9055 **C.Y.**

EXC. VS. EMB.
9055 C.Y. vs. 1915 C.Y.

WASTE = 7140 C.Y.



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.19+92.35 TO STA.30+00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	5

SR 15 CONNECTOR
PI 4+45.64
N 340180.74
E 1556818.12
Δ 28°53'49"LT
D 10°00'00"
R 572.96
T 147.63
Lc 288.97
SE 0.060 FT/FT
DES. SPEED 30 MPH
TRANS. LENGTH 145 FT.

BEGIN CONSTRUCTION NOTE FOR S.R. 15 CONNECTOR: GRADE AND DRAIN BEGINS AT STA. 0+80 AND ENDS AT STA. 5+00 ON THE S.R. 15 CONNECTOR.

PRESENT LAYOUT SHEET PROVIDED FOR GRADING REQUIRED BETWEEN SR-15 CONNECTOR STA. 0+80.00 TO STA. 5+00.00. REMAINING INFORMATION IS FOR REFERENCE ONLY.

STA. 4+27.00 SR-15 CONNECTOR =
STA. 0+00.00 SR-15 CONNECTOR TIE-IN
N 340160.2520
E 1556831.4817

STA. 31+58.99 SR-15 =
STA. 7+98.10 OLD SR-15
N 340129.3350
E 1556462.4750

CREWS, JERRY R & MADONNA (1)

LAWRENCEBURG POWER SYSTEM (2)

T.V.A. EASEMENT

S.R. 15 STA. 40+22.29
MEDIAN OPENING W=50'
(SEE SHEET 2P)

BEGIN ACCESS CONTROL FENCE STA. 40+50.00 OFF. 115.00'

BEGIN ACCESS CONTROL FENCE STA. 41+20.00 OFF. 135.00'

PROP. R.O.W. & C.A. FENCE

MATCH LINE STA. 30+00 SEE SHEET NO. 4

MATCH LINE STA. 43+00 SEE SHEET NO. 6

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 30+00 TO STA. 43+00

SCALE: 1"= 50'

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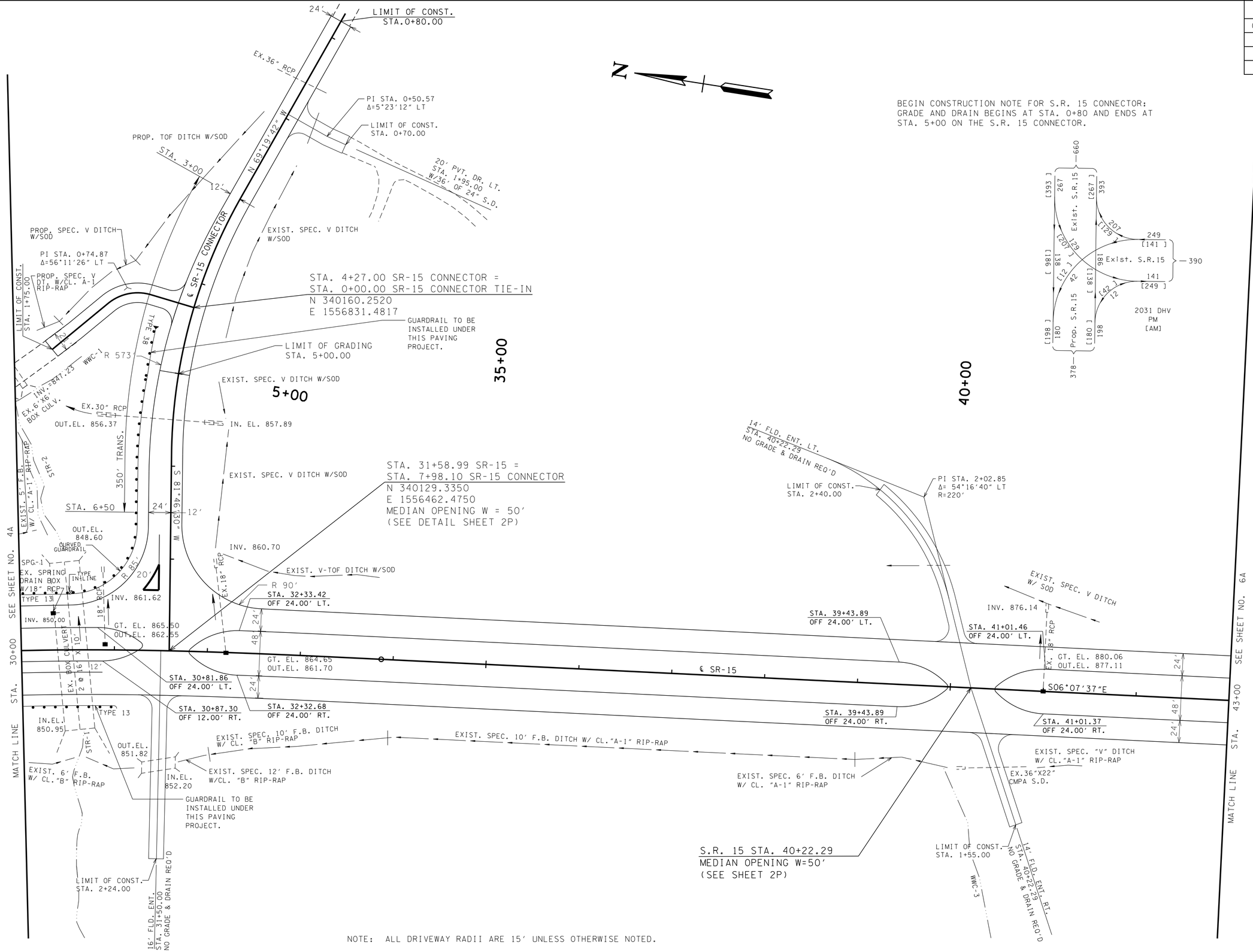
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	5A



NOTE: ALL DRIVEWAY RADII ARE 15' UNLESS OTHERWISE NOTED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 30+00 TO STA. 43+00

SCALE: 1"= 50'

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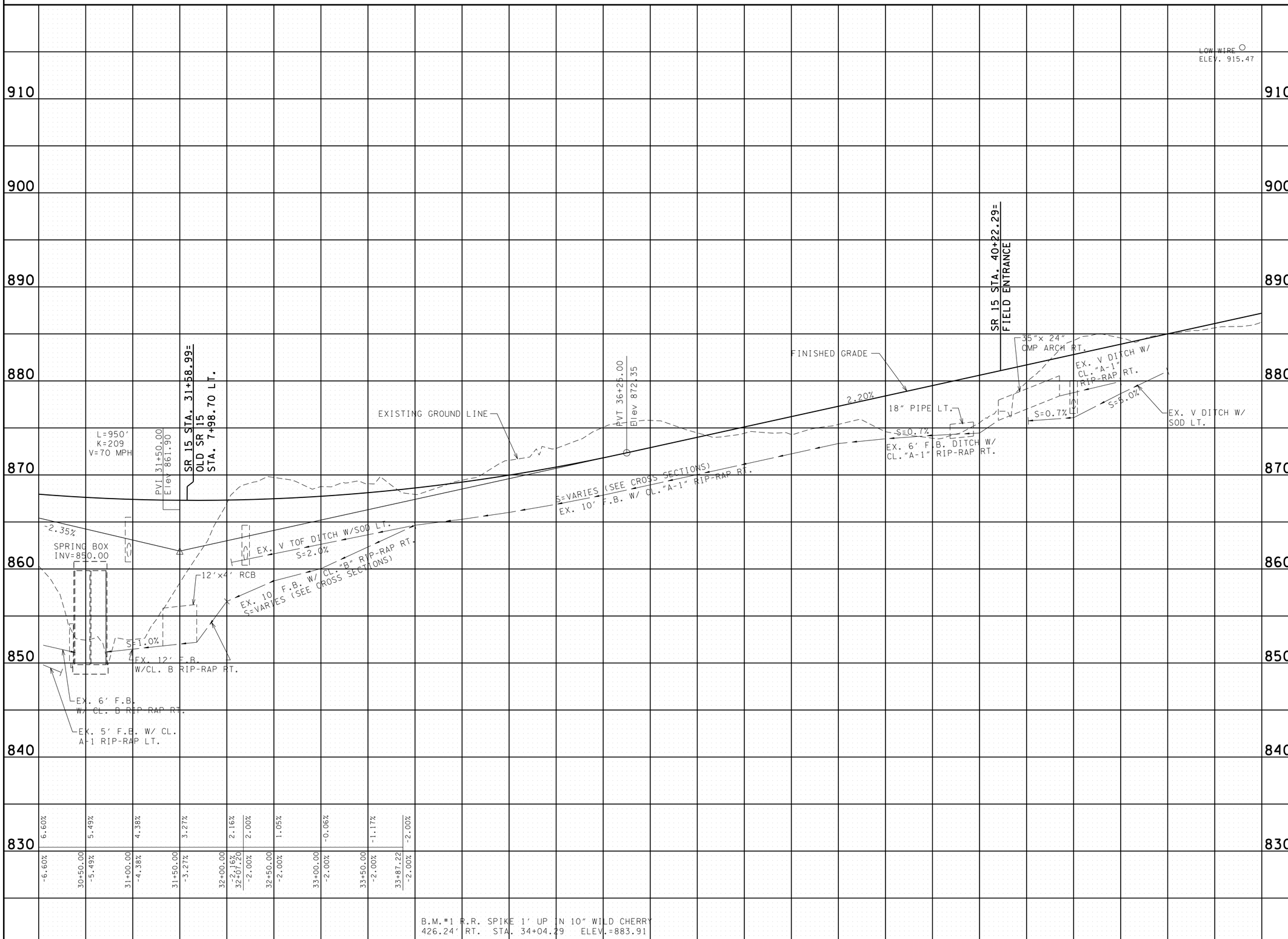
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	5B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 30+00 TO STA. 43+00

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

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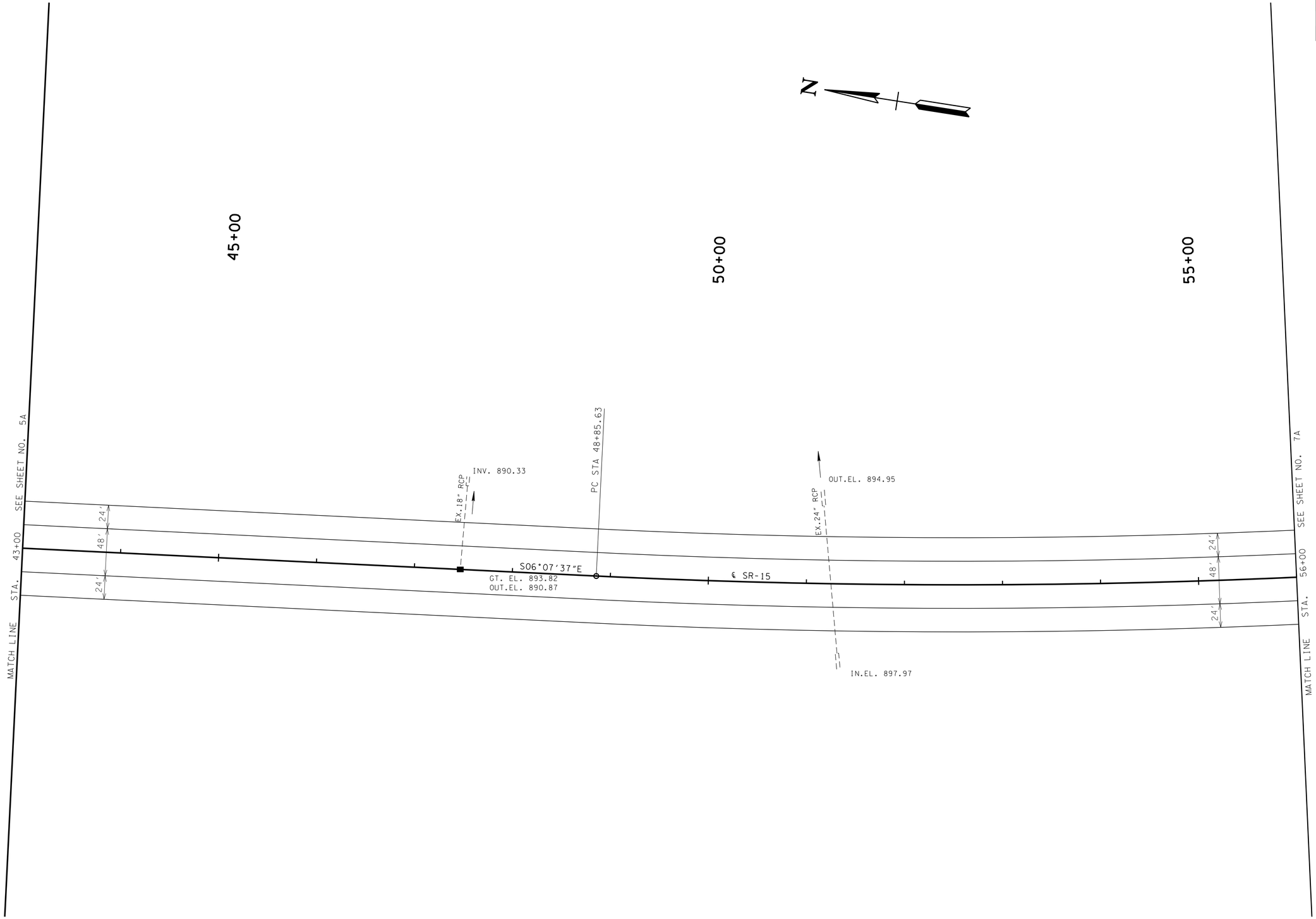
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	6A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 43+00 TO STA. 56+00

SCALE: 1"= 50'

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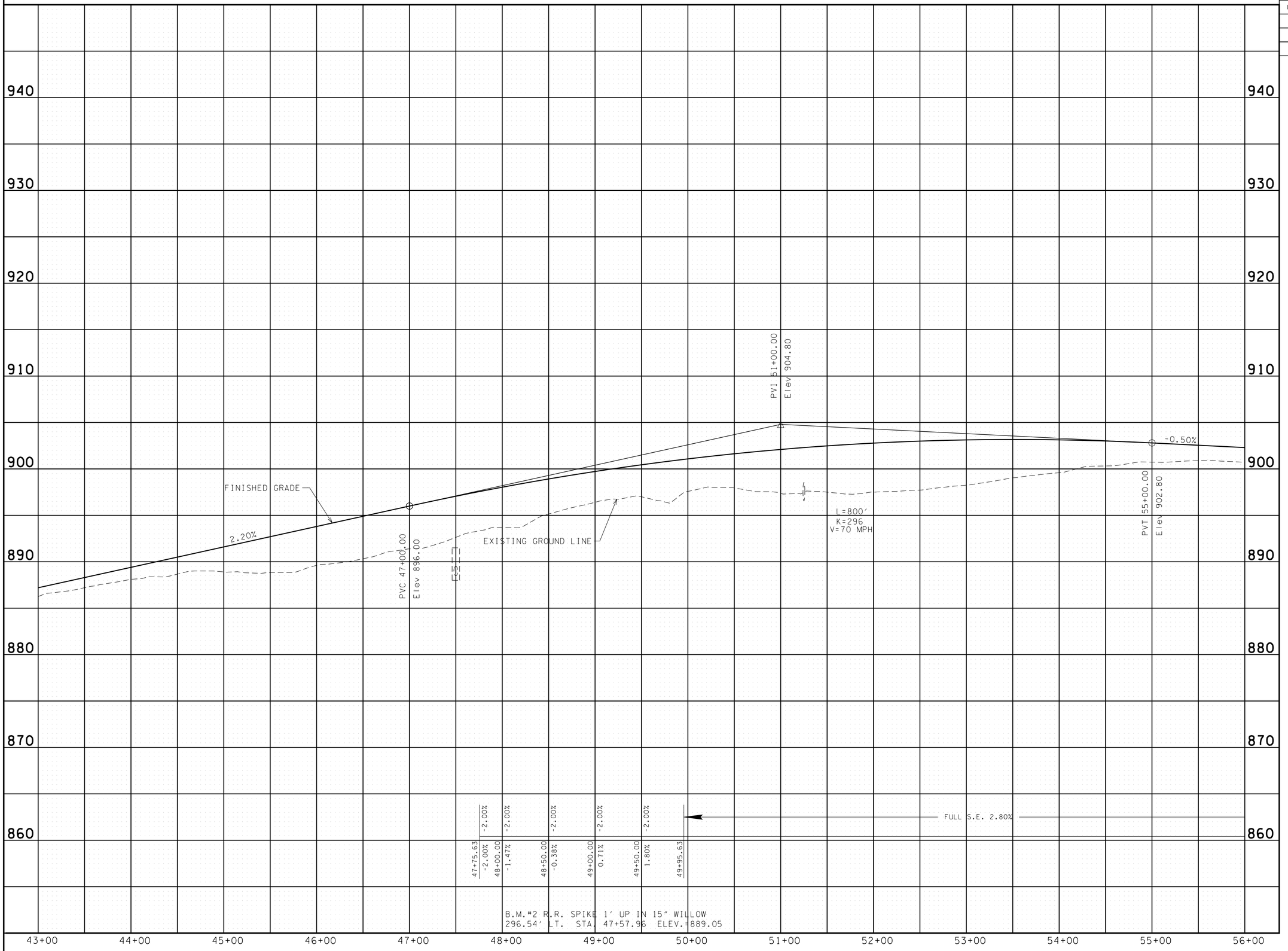
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	6B



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UNOFFICIAL SET

NOT FOR BIDDING

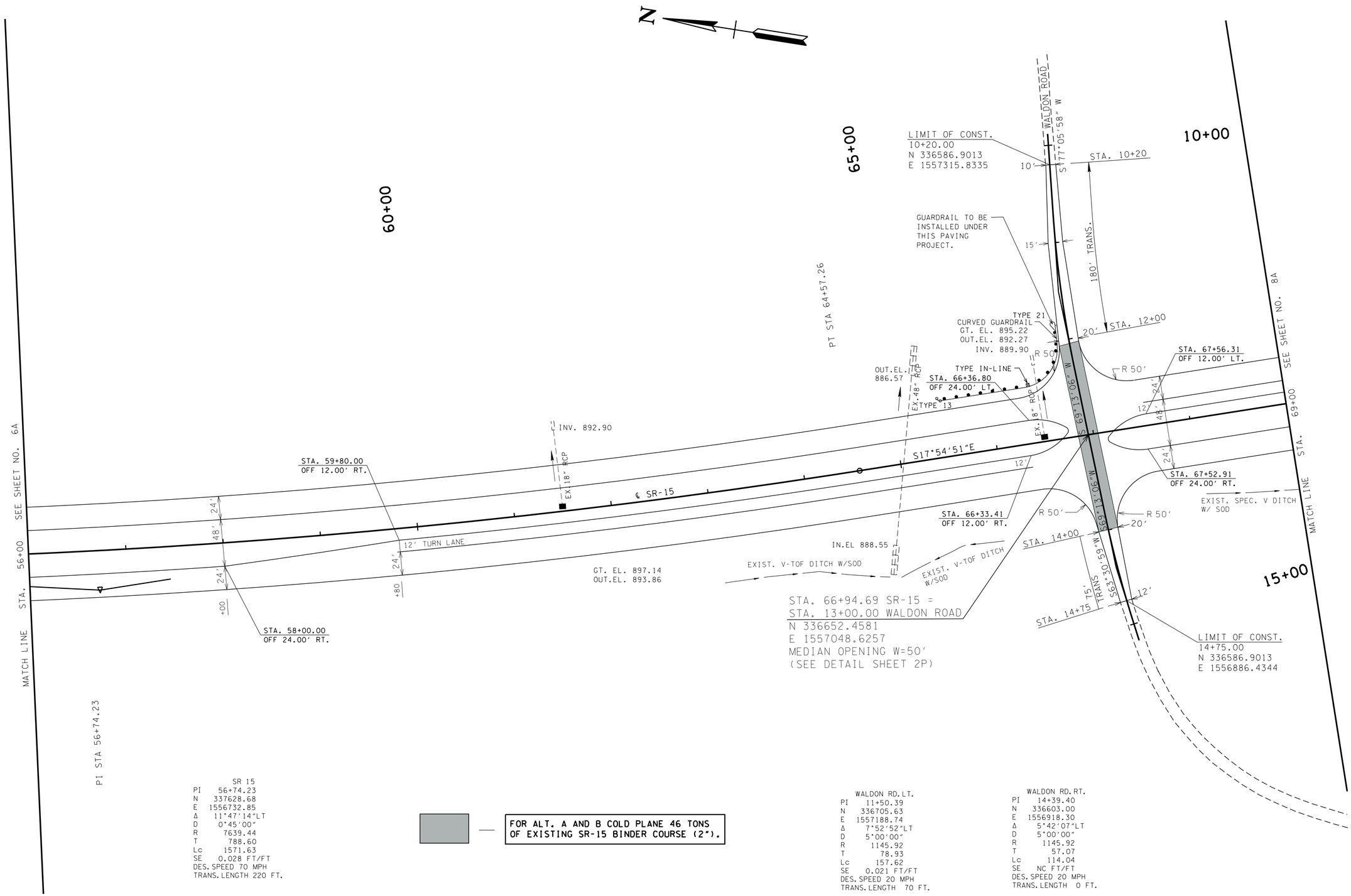
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 43+00 TO STA. 56+00

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	7A



SR 15
PI 56+74.23
N 337628.68
E 1556732.85
Δ 11°47'14"LT
D 0°45'00"
R 7639.44
T 788.60
Lc 1571.63
SE 0.028 FT/FT
DES. SPEED 70 MPH
TRANS. LENGTH 220 FT.

FOR ALT. A AND B COLD PLANE 46 TONS OF EXISTING SR-15 BINDER COURSE (2").

WALDON RD. LT.
PI 11+50.39
N 336705.63
E 1557188.74
Δ 7°52'52"LT
D 5°00'00"
R 1145.92
T 78.93
Lc 157.62
SE 0.021 FT/FT
DES. SPEED 20 MPH
TRANS. LENGTH 70 FT.

WALDON RD. RT.
PI 14+39.40
N 336603.00
E 1556918.30
Δ 5°42'07"LT
D 5°00'00"
R 1145.92
T 57.07
Lc 114.04
SE NC FT/FT
DES. SPEED 20 MPH
TRANS. LENGTH 0 FT.

UNOFFICIAL SET

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COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 56+00 TO STA. 69+00

SCALE: 1"= 50'

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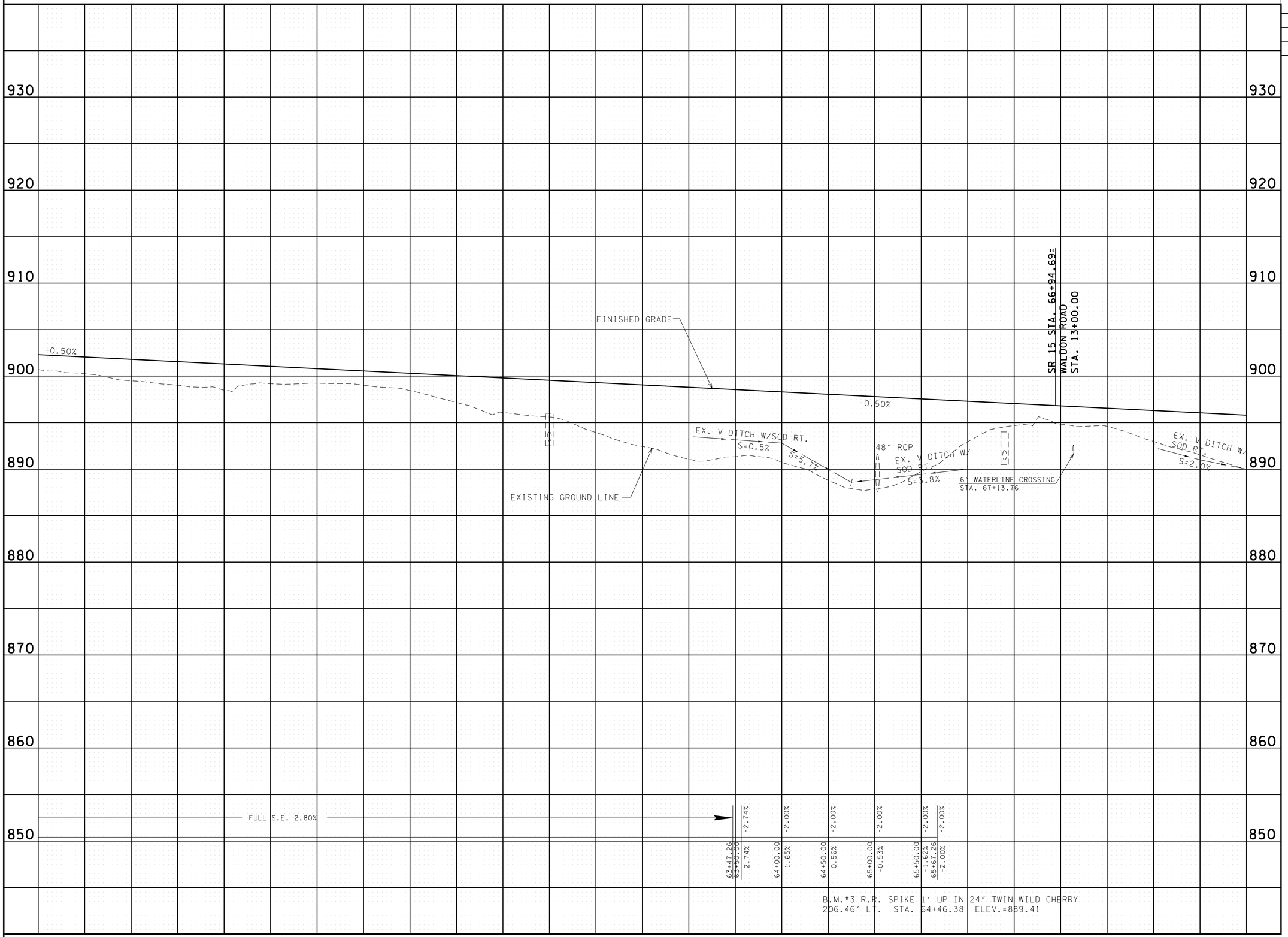
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	7B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 56+00 TO STA. 69+00

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

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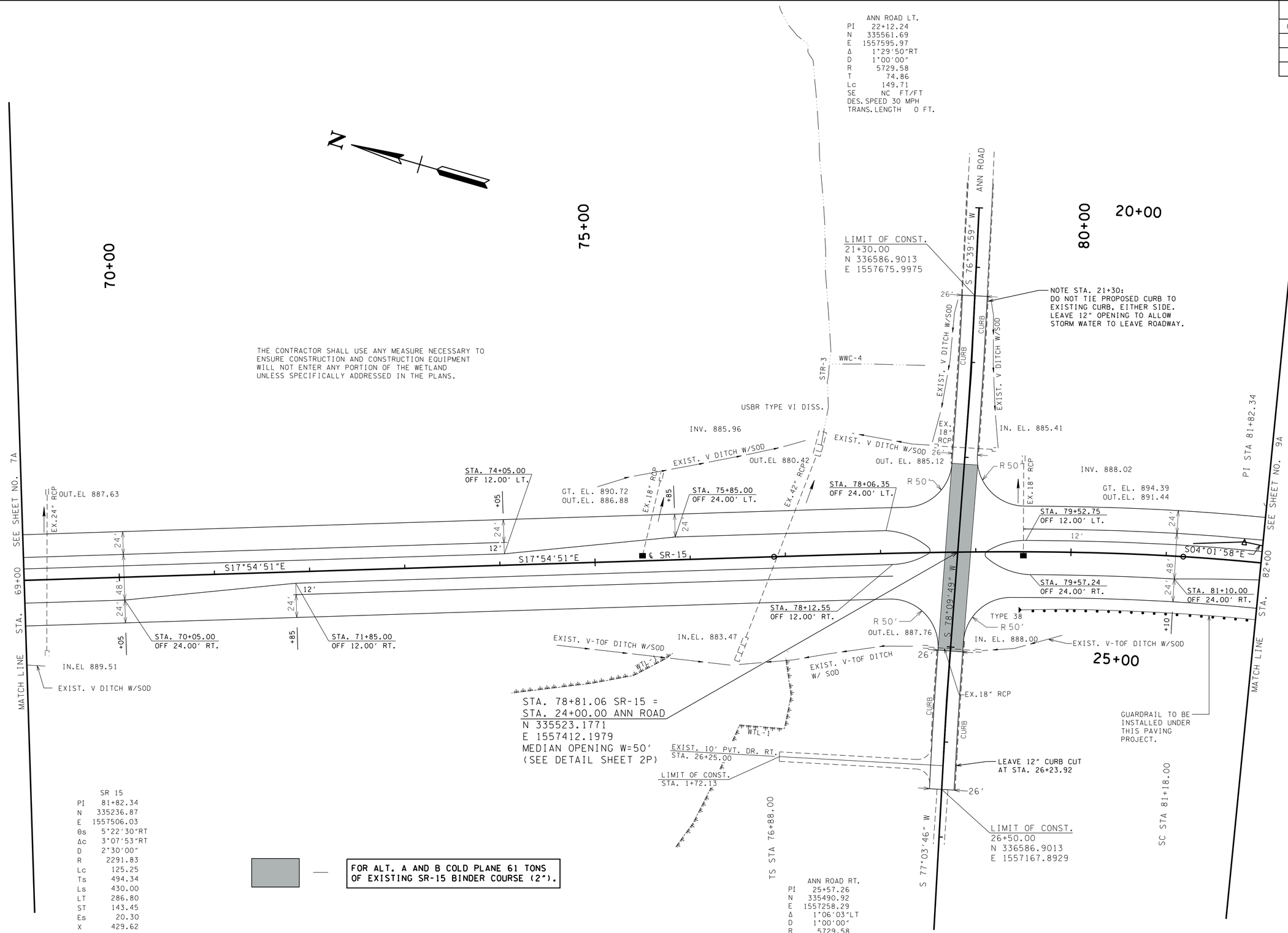
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	8A



SR 15
PI 81+82.34
N 335236.87
E 1557506.03
θs 5°22'30"RT
Δc 3°07'53"RT
D 2°30'00"
R 2291.83
Lc 125.25
Ts 494.34
Ls 430.00
LT 286.80
ST 143.45
Es 20.30
X 429.62
Y 13.44
k 214.94
p 3.36
SE 0.075 FT/FT
DES. SPEED 70 MPH

FOR ALT. A AND B COLD PLANE 61 TONS OF EXISTING SR-15 BINDER COURSE (2").

ANN ROAD RT.
PI 25+57.26
N 335490.92
E 1557258.29
Δ 1°06'03"LT
D 1°00'00"
R 5729.58
T 55.04
Lc 110.08
SE NC FT/FT
DES. SPEED 30 MPH
TRANS. LENGTH 0 FT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 69+00 TO STA. 82+00

SCALE: 1"= 50'

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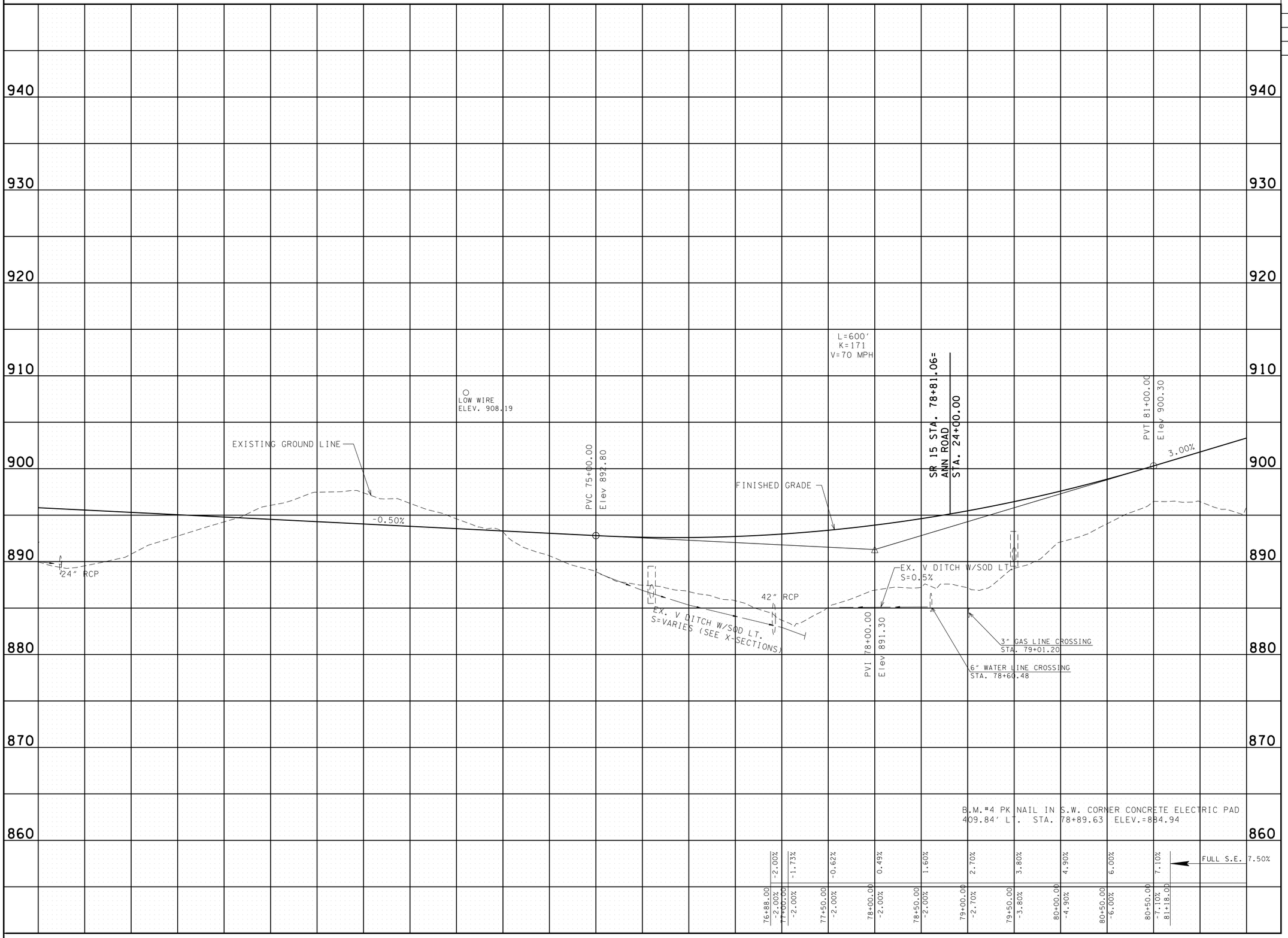
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	8B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 69+00 TO STA. 82+00

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

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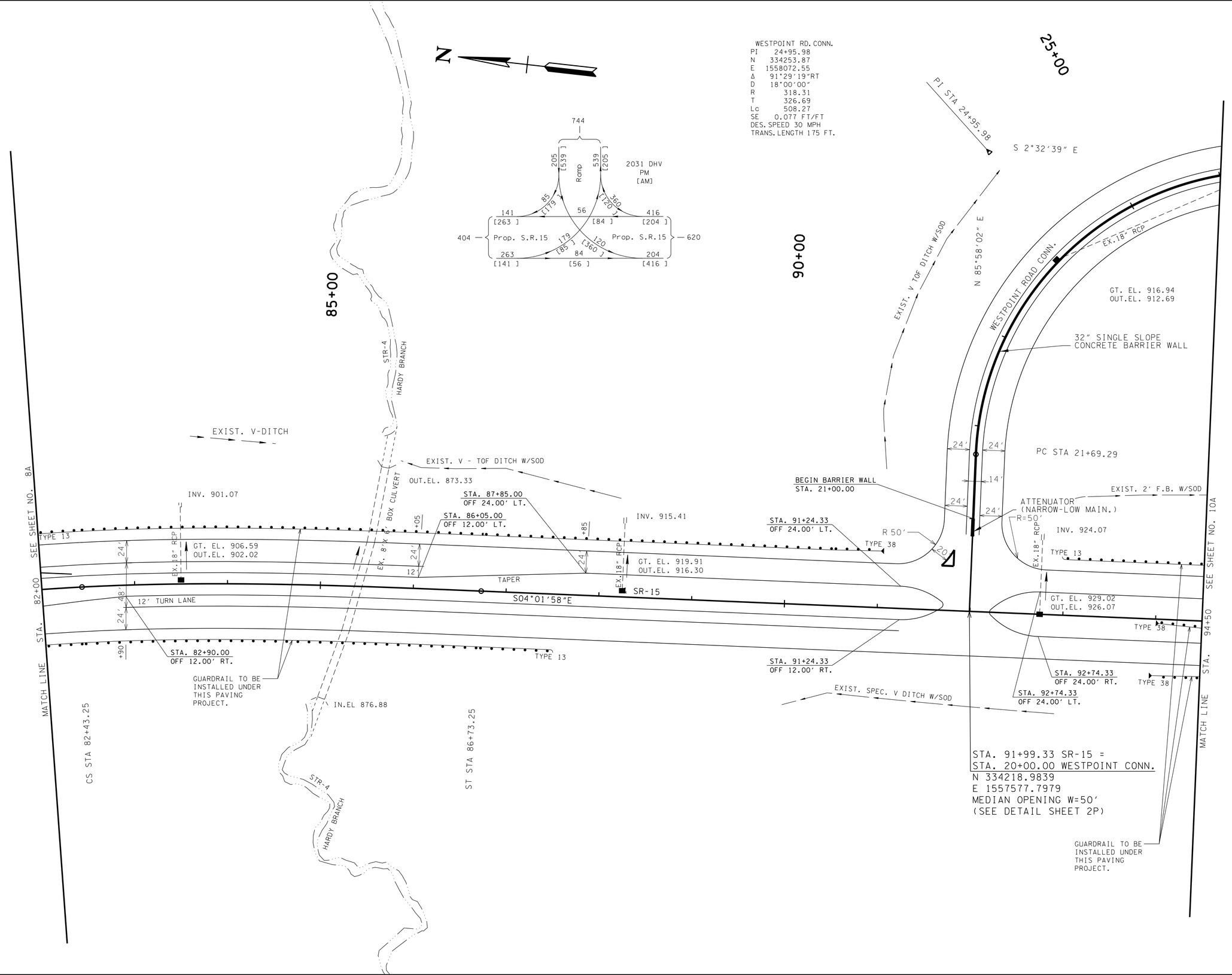
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	9A

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

WESTPOINT RD. CONN.
PI 24+95.98
N 334253.87
E 1558072.55
Δ 91°29'19"RT
D 18°00'00"
R 318.31
T 326.69
Lc 508.27
SE 0.077 FT/FT
DES. SPEED 30 MPH
TRANS. LENGTH 175 FT.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 82+00 TO STA. 94+50

SCALE: 1"= 50'

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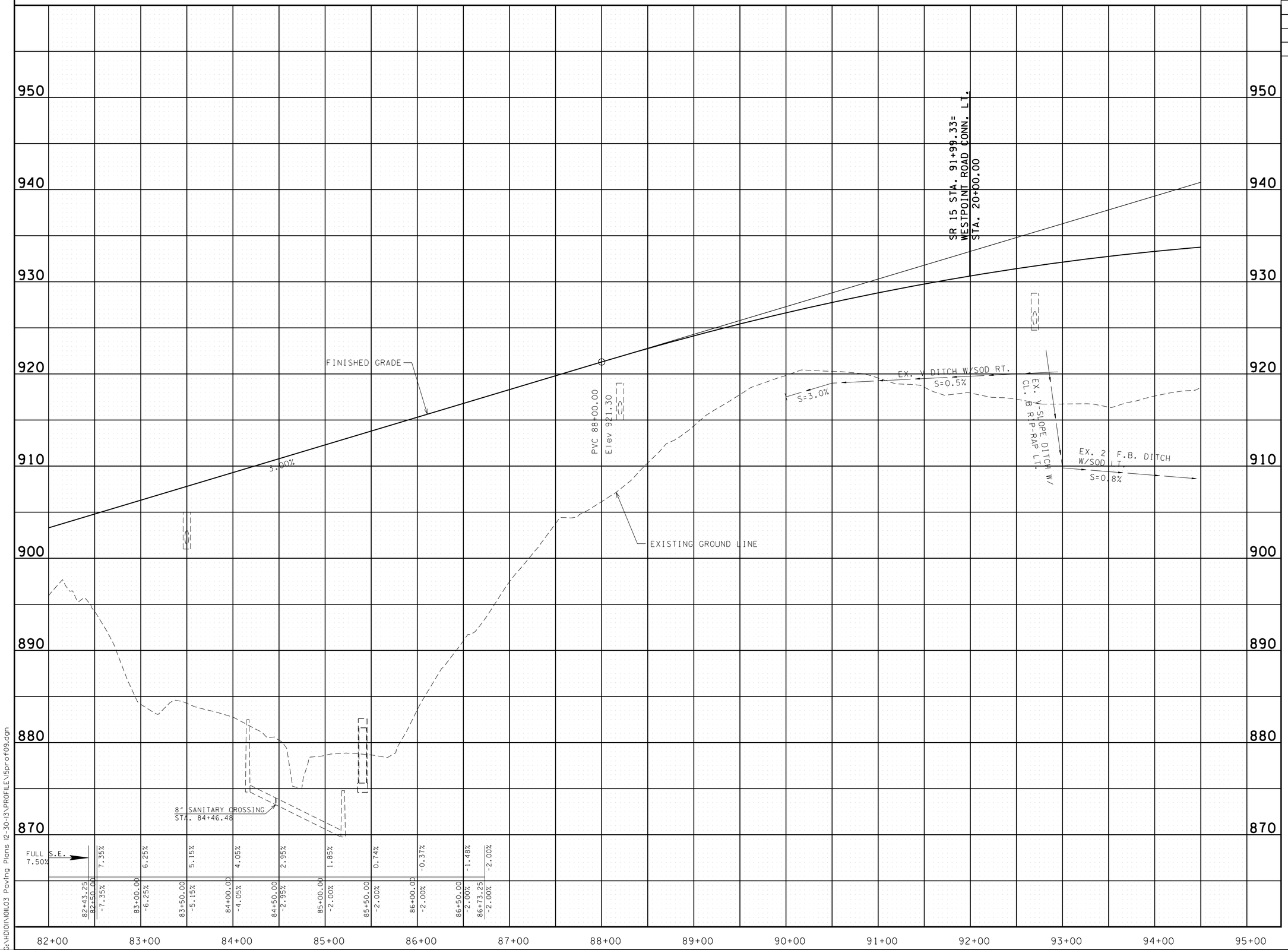
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	9B



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UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

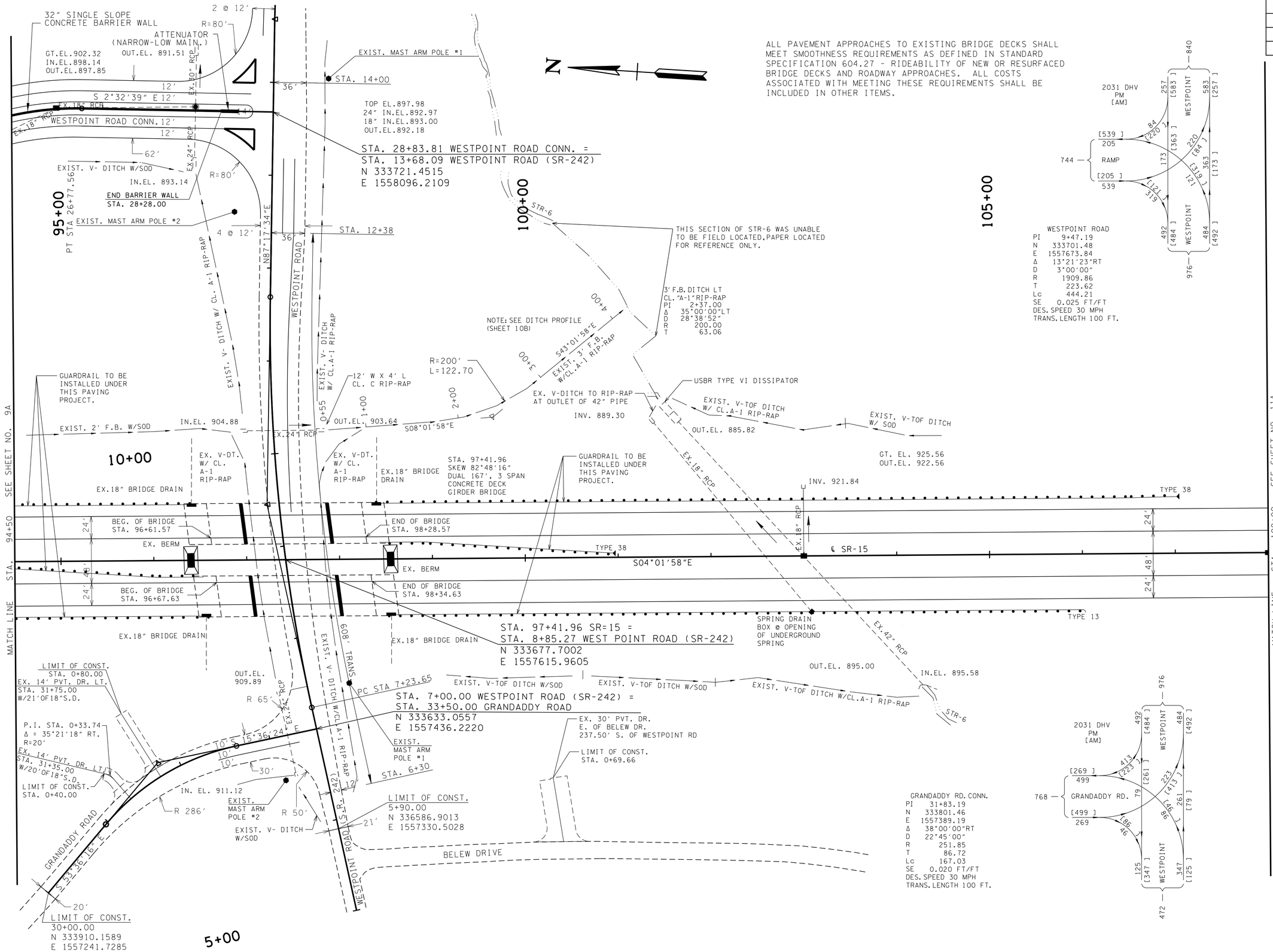
PROFILE

STA. 82+00 TO STA. 94+50

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	10A

ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.



WESTPOINT ROAD
PI 9+47.19
N 333701.48
E 1557673.84
Δ 13°21'23"RT
D 3°00'00"
R 1909.86
T 223.62
Lc 444.21
SE 0.025 FT/FT
DES. SPEED 30 MPH
TRANS. LENGTH 100 FT.

GRANDADDY RD. CONN.
PI 31+83.19
N 333801.46
E 1557389.19
Δ 38°00'00"RT
D 22°45'00"
R 251.85
T 86.72
Lc 167.03
SE 0.020 FT/FT
DES. SPEED 30 MPH
TRANS. LENGTH 100 FT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 94+50 TO STA. 108+00

SCALE: 1"= 50'

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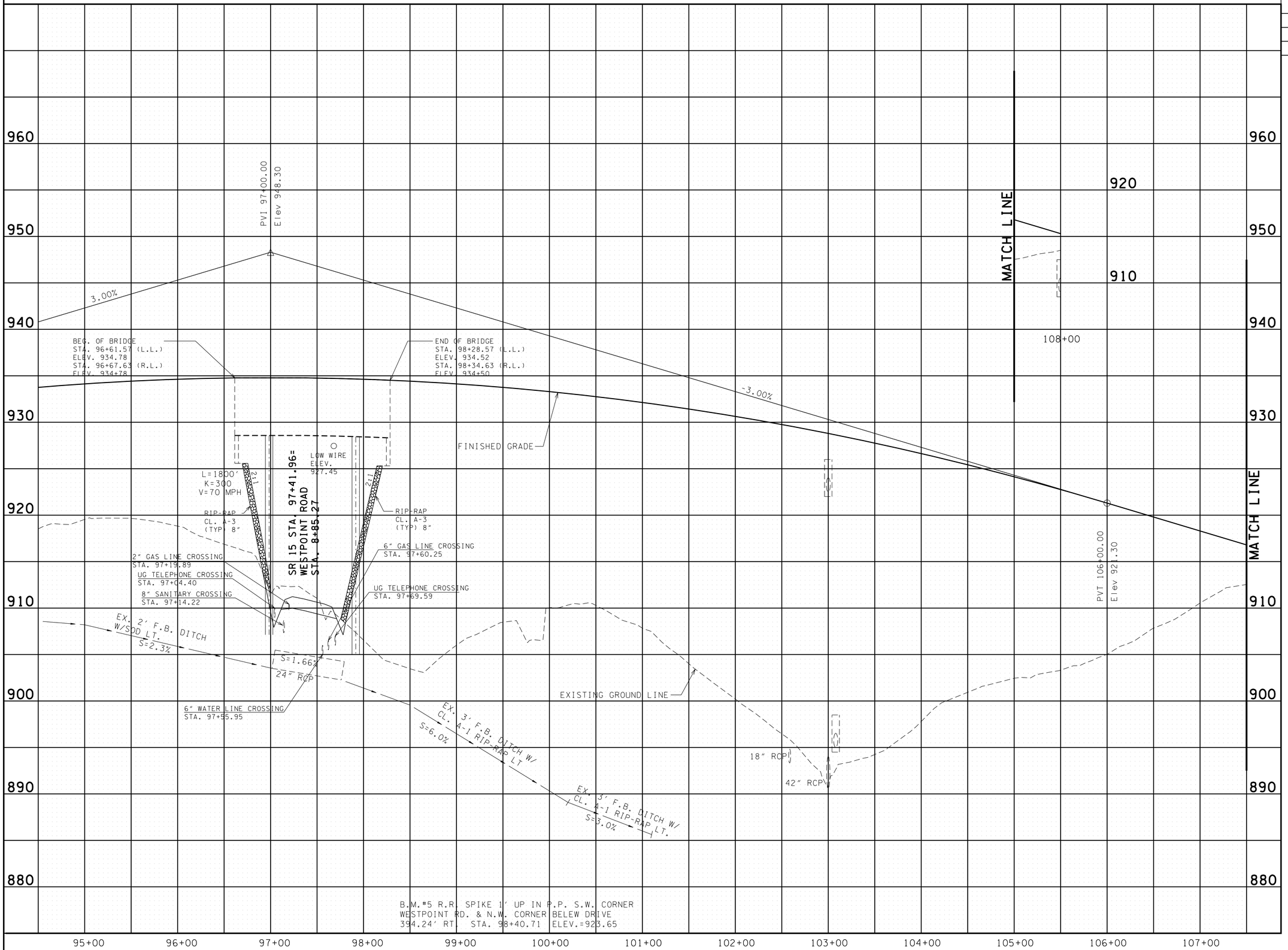
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	10B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 94+50 TO STA. 108+00

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

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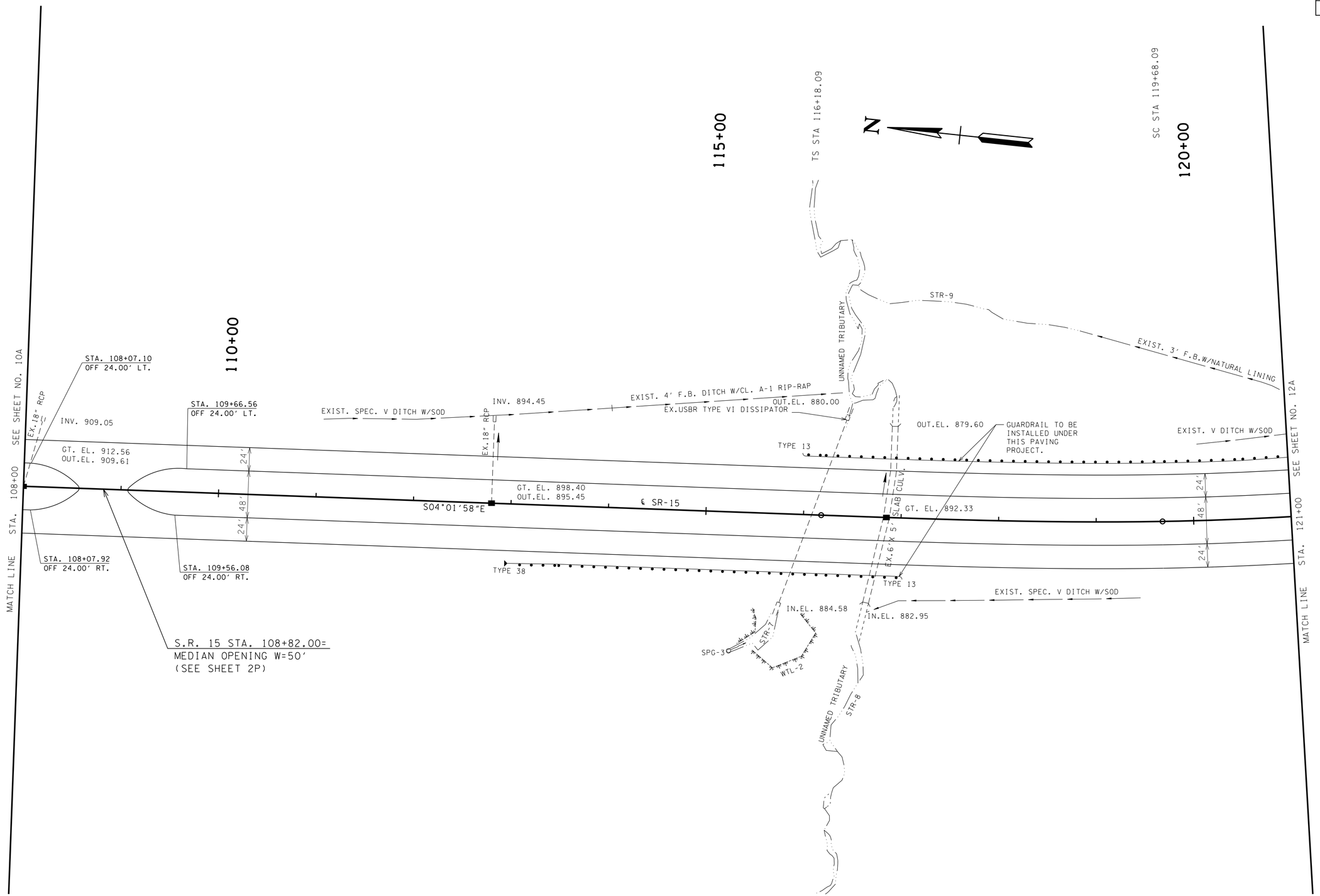
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	11A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 108+00 TO STA. 121+00

SCALE: 1"= 50'

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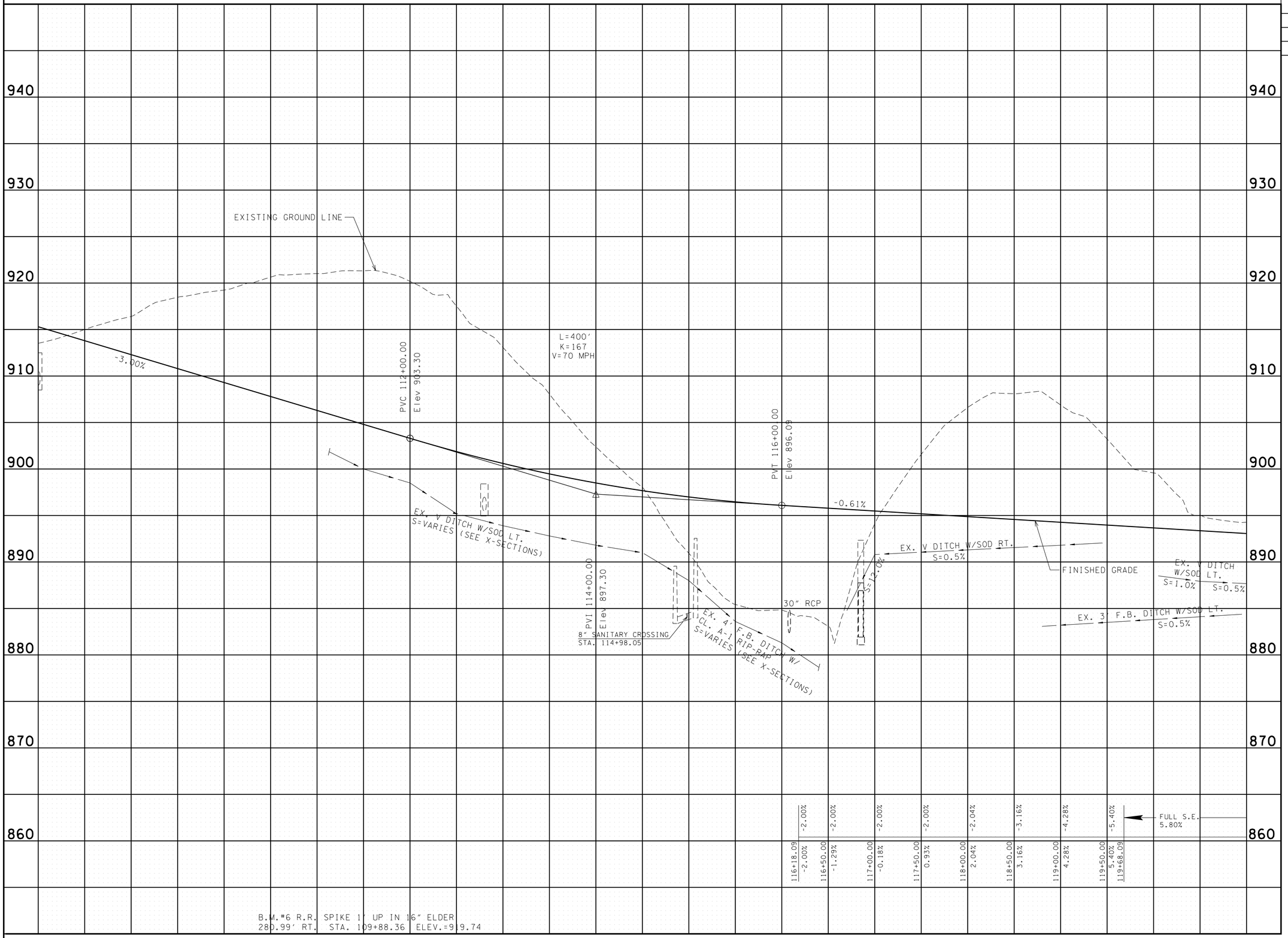
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	11B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 108+00 TO STA. 121+00

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

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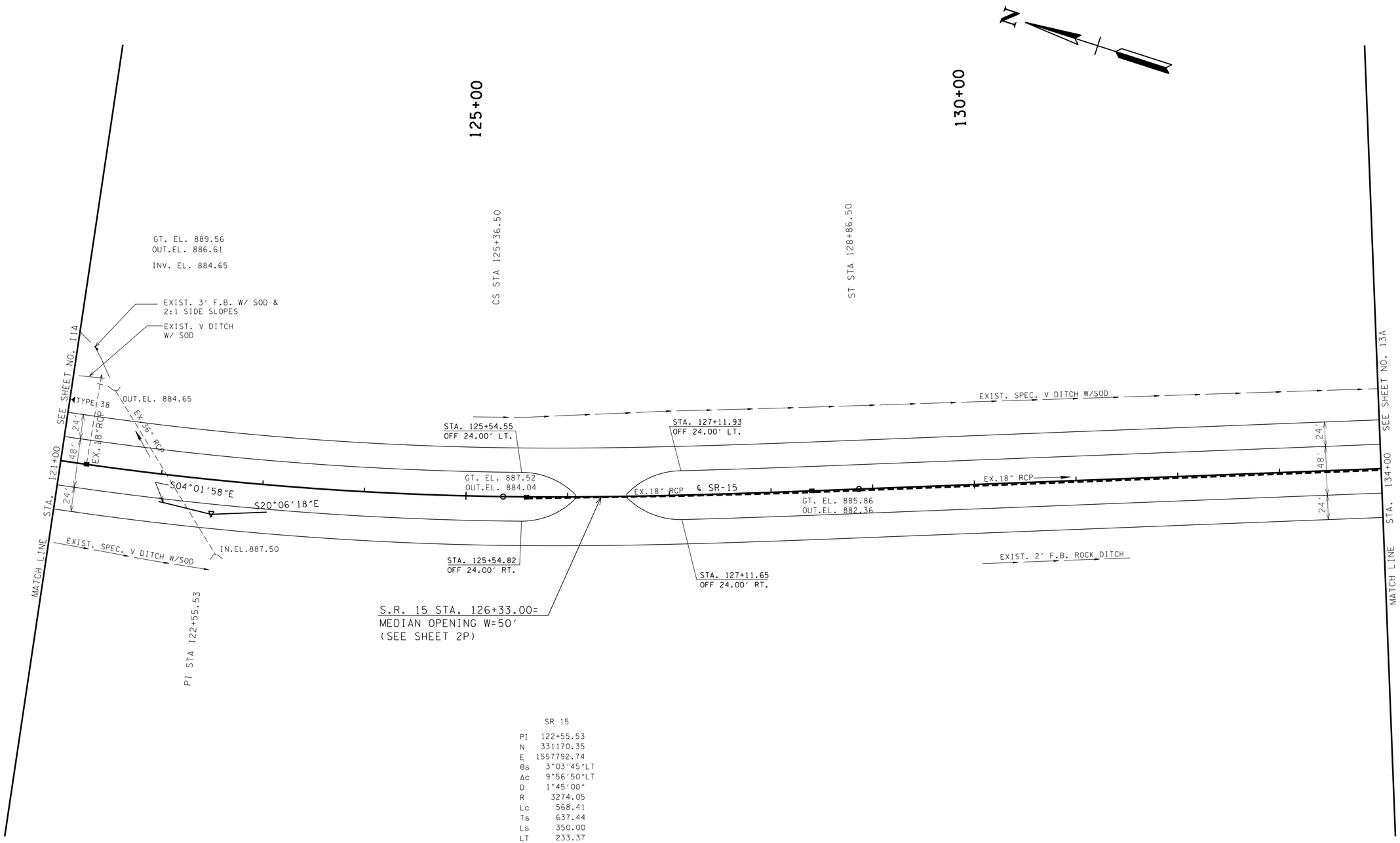
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	12A



SR 15

PI	122+55.53
N	331170.35
E	1557792.74
θs	3°03'45"LT
Δc	9°56'50"LT
D	1°45'00"
R	3274.05
Lc	568.41
Ts	637.44
Ls	350.00
LT	233.37
ST	116.70
Es	34.04
X	349.90
Y	6.23
k	174.98
p	1.56
SE	0.058 FT/FT
DES. SPEED	70 MPH

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 121+00 TO STA. 134+00

SCALE: 1"= 50'

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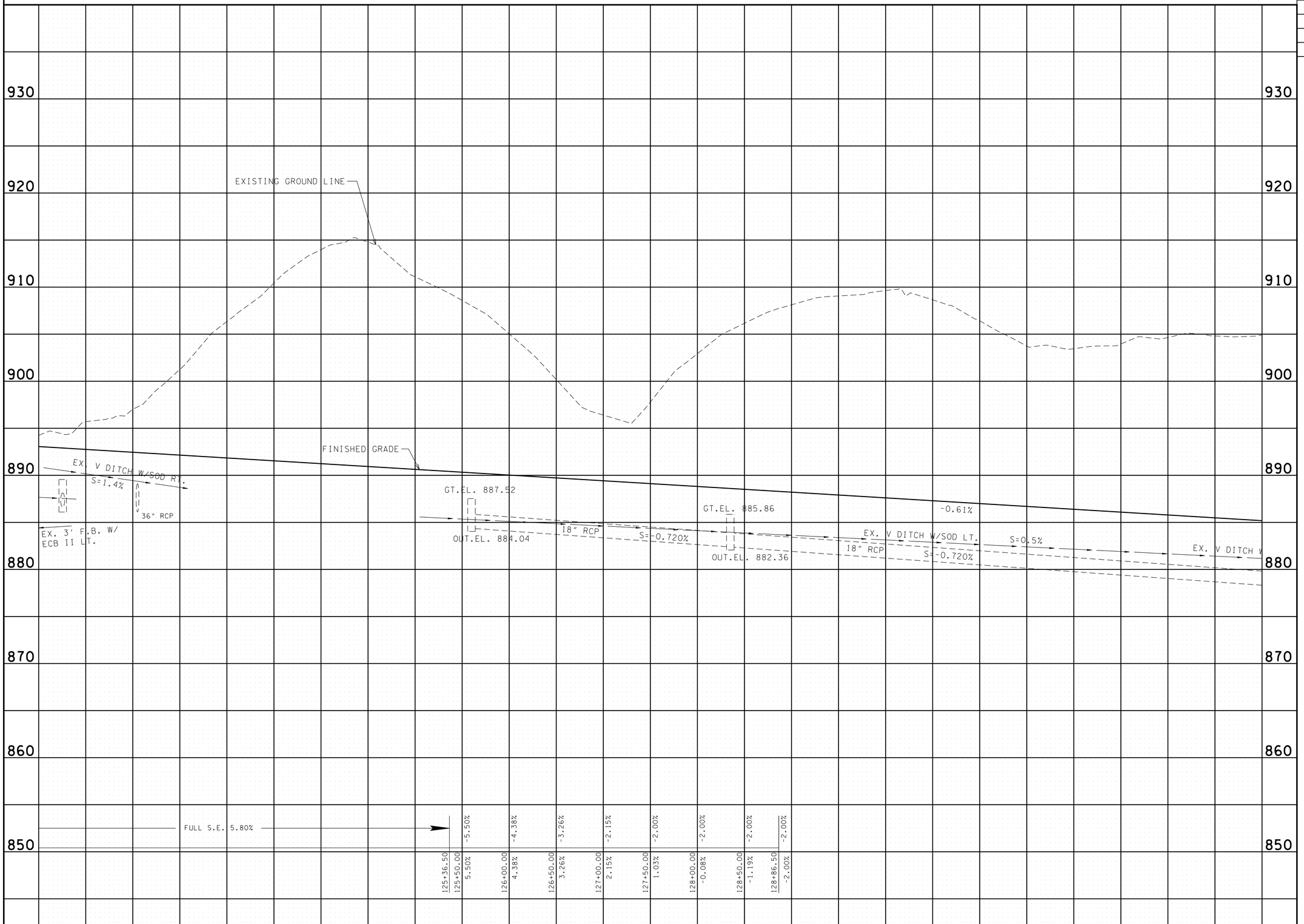
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	12B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 121+00 TO STA. 134+00

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

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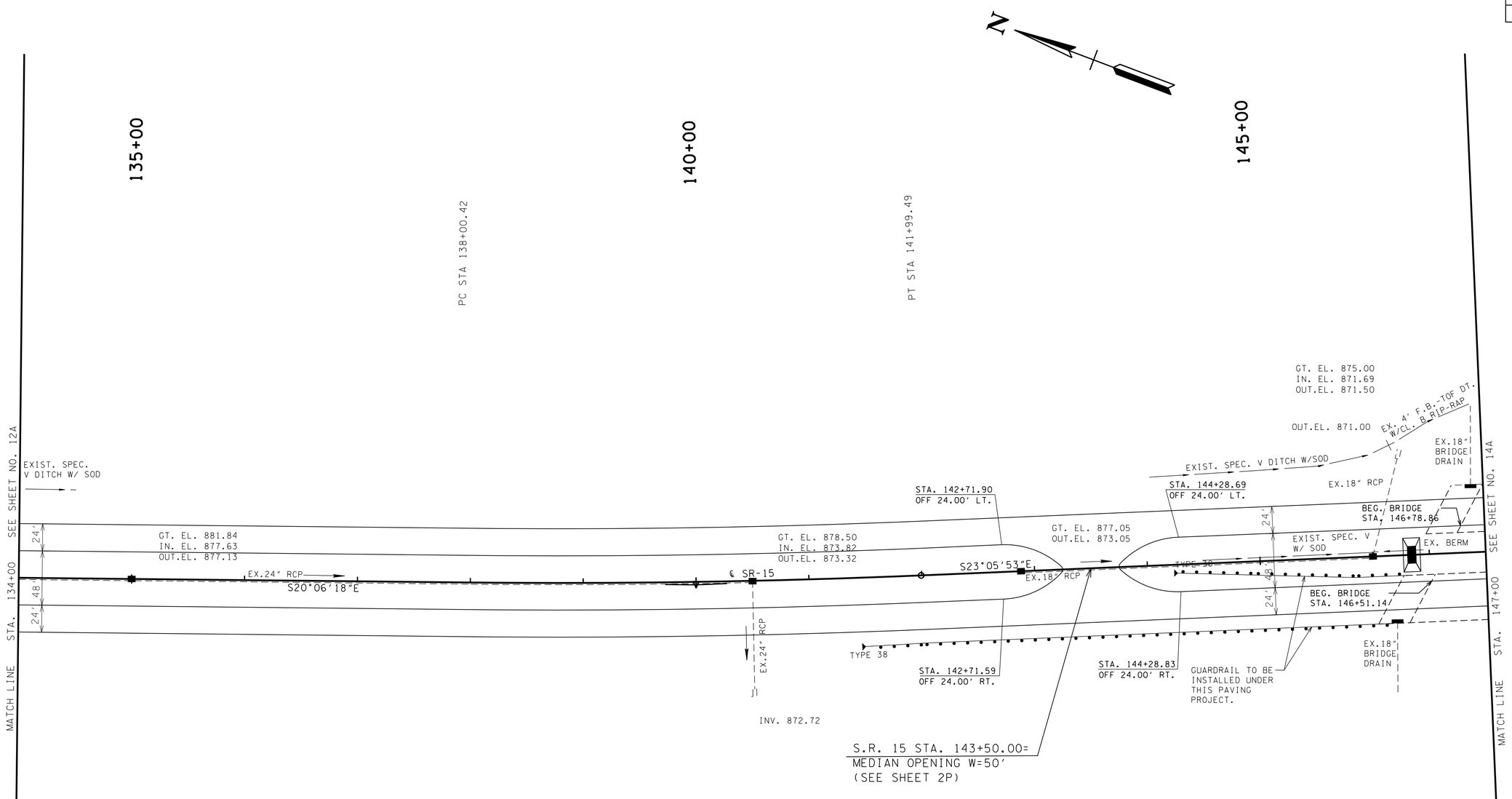
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	13A



ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.

SR 15
PI 140+00.00
N 329526.10
E 1558394.61
Δ 2°59'35"LT
D 0°45'00"
R 7639.43
T 199.58
Lc 399.07
SE 0.028 FT/FT
DES. SPEED 70 MPH
TRANS. LENGTH 220 FT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 134+00 TO STA. 147+00

SCALE: 1"= 50'

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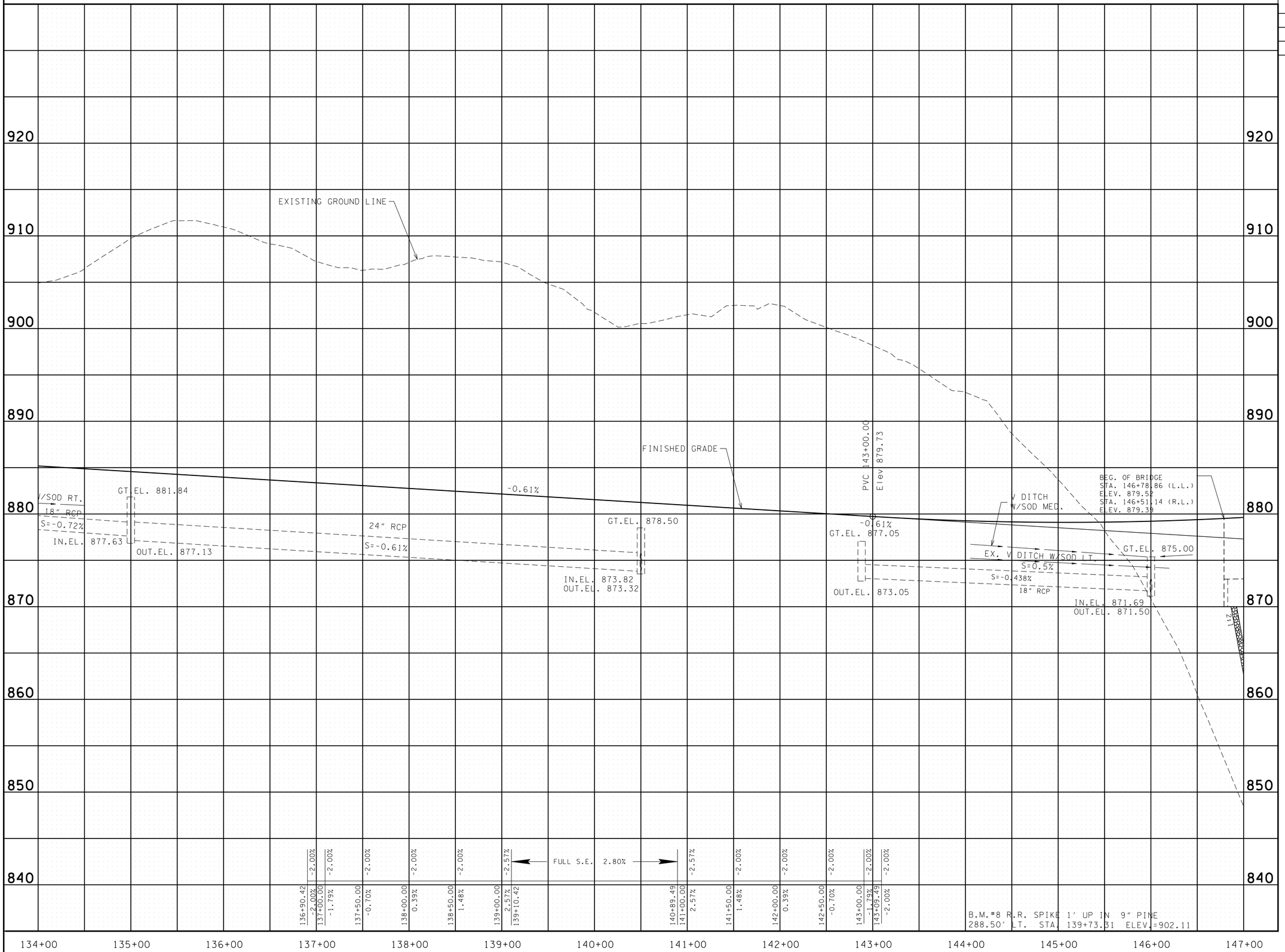
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	13B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 134+00 TO STA. 147+00

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

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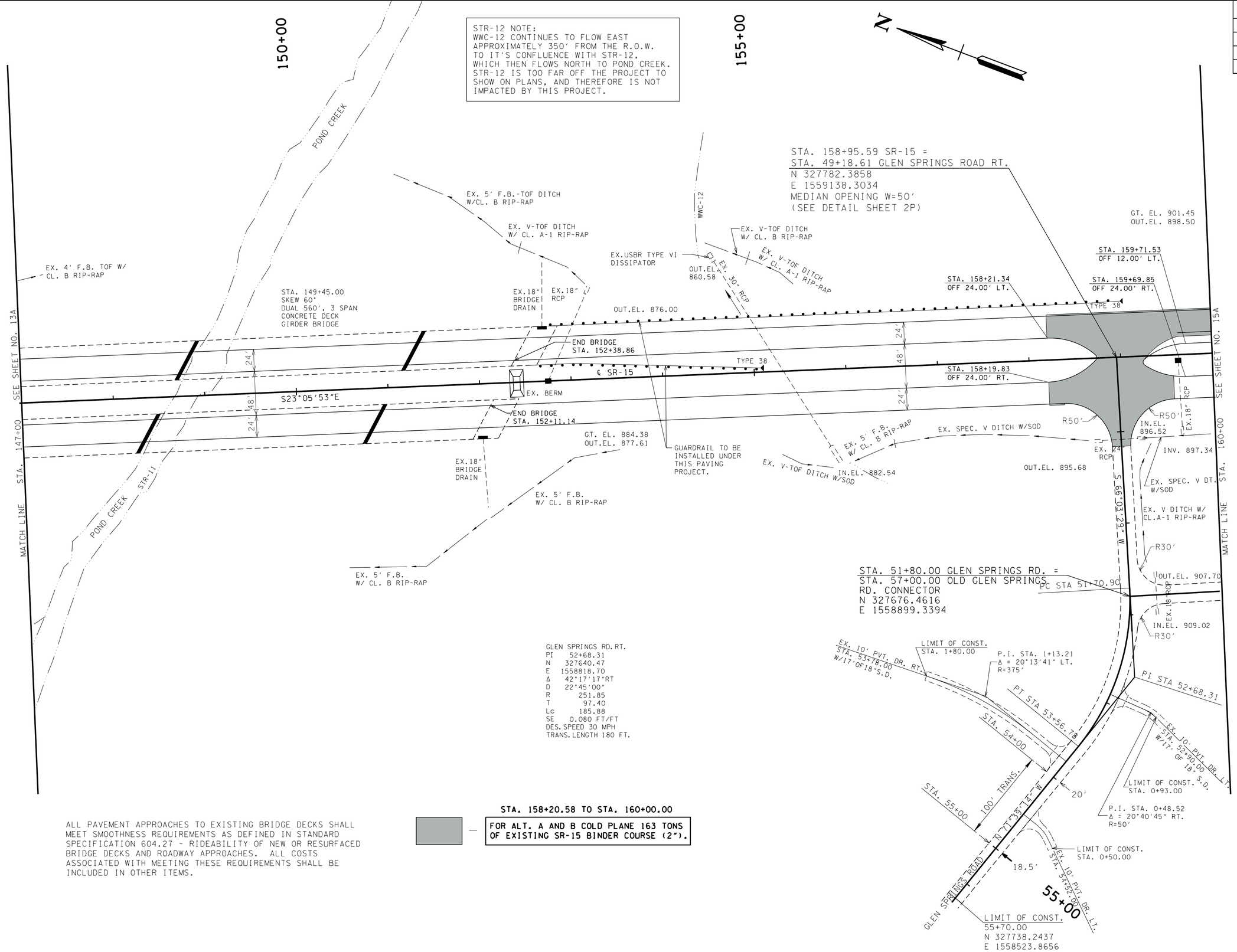
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	14A

STR-12 NOTE:
WWC-12 CONTINUES TO FLOW EAST APPROXIMATELY 350' FROM THE R.O.W. TO IT'S CONFLUENCE WITH STR-12, WHICH THEN FLOWS NORTH TO POND CREEK. STR-12 IS TOO FAR OFF THE PROJECT TO SHOW ON PLANS, AND THEREFORE IS NOT IMPACTED BY THIS PROJECT.



GLEN SPRINGS RD. RT.

PI	52+68.31
N	327640.47
E	1558818.70
Δ	42°17'17"RT
D	22°45'00"
R	251.85
T	97.40
Lc	185.88
SE	0.080 FT/FT
DES. SPEED	30 MPH
TRANS. LENGTH	180 FT.

ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.

STA. 158+20.58 TO STA. 160+00.00

FOR ALT. A AND B COLD PLANE 163 TONS OF EXISTING SR-15 BINDER COURSE (2").

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 147+00 TO STA. 160+00

SCALE: 1"= 50'

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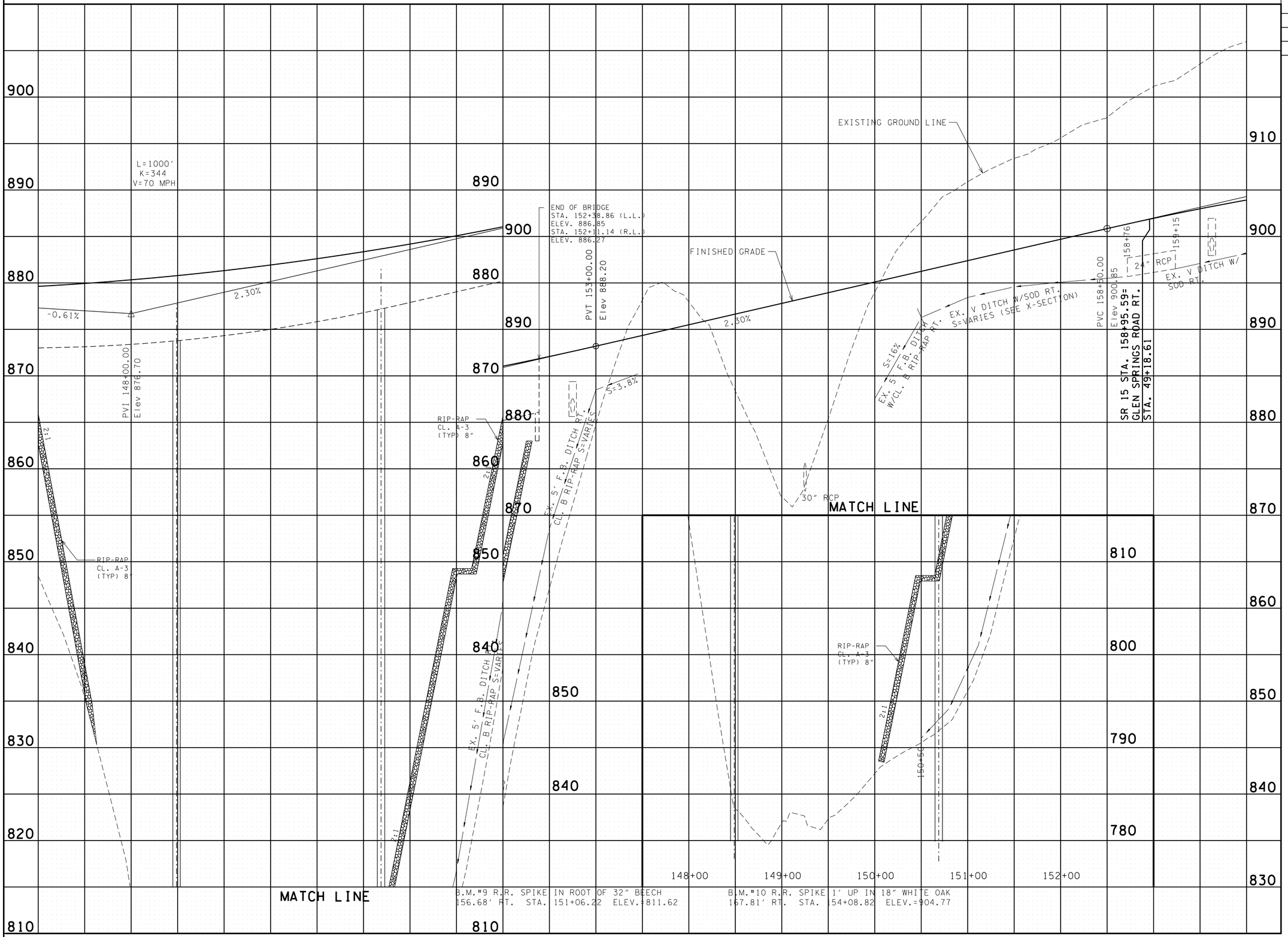
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	14B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 147+00 TO STA. 160+00

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

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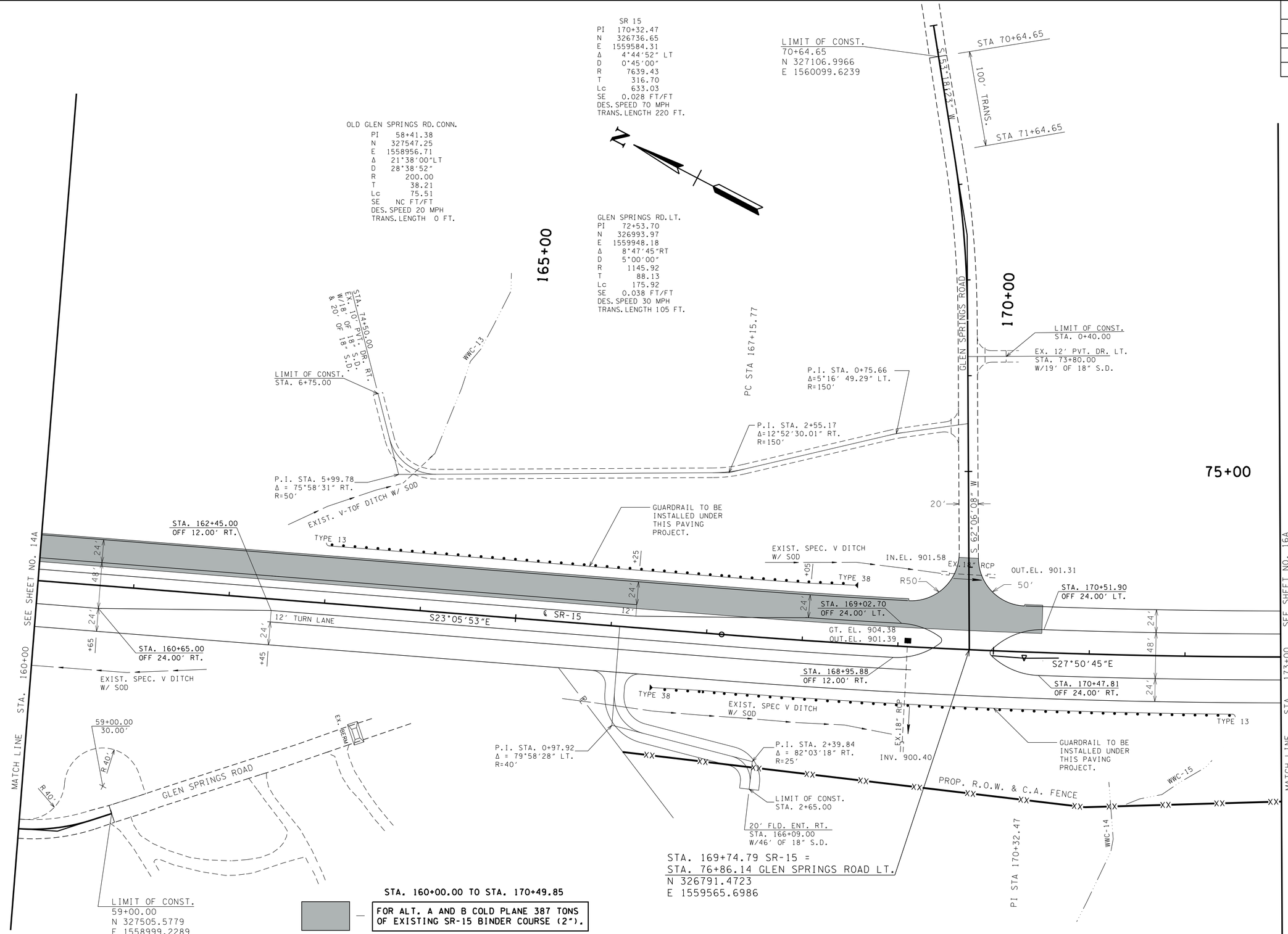
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	15A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 160+00 TO STA. 173+00

SCALE: 1"= 50'

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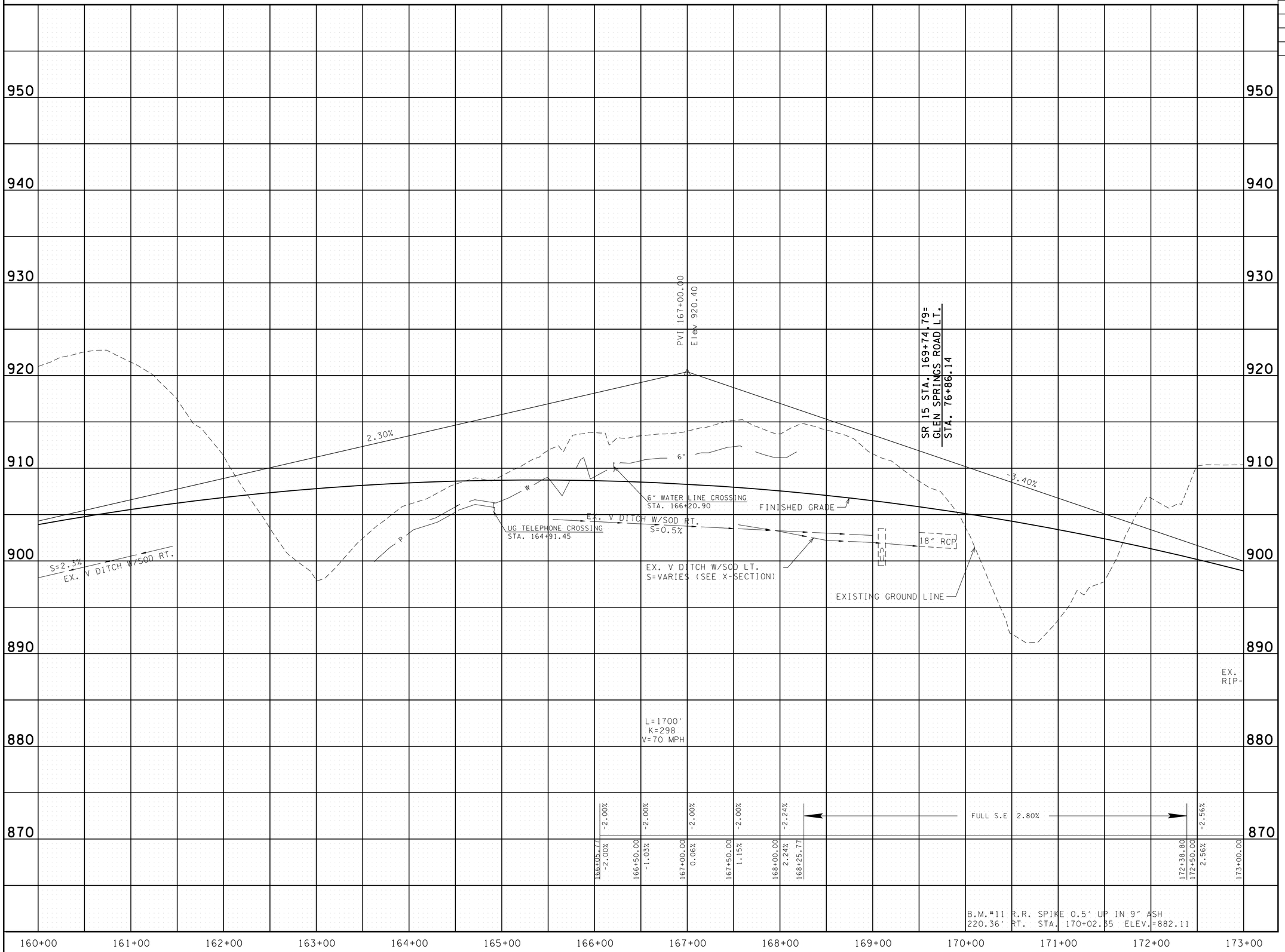
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	15B



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UNOFFICIAL SET

NOT FOR BIDDING

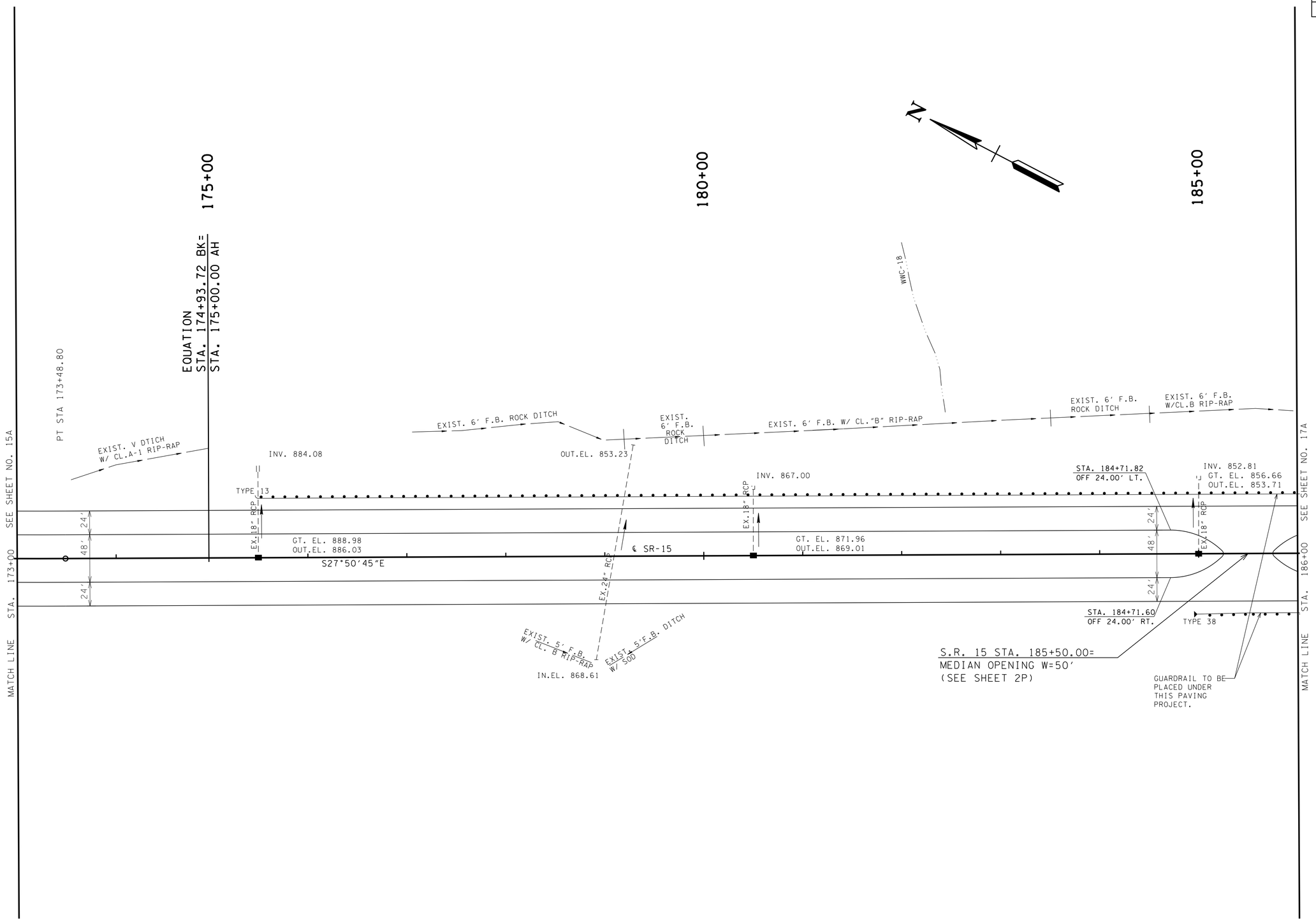
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 160+00 TO STA. 173+00

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	16A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 173+00 TO STA. 186+00

SCALE: 1"= 50'

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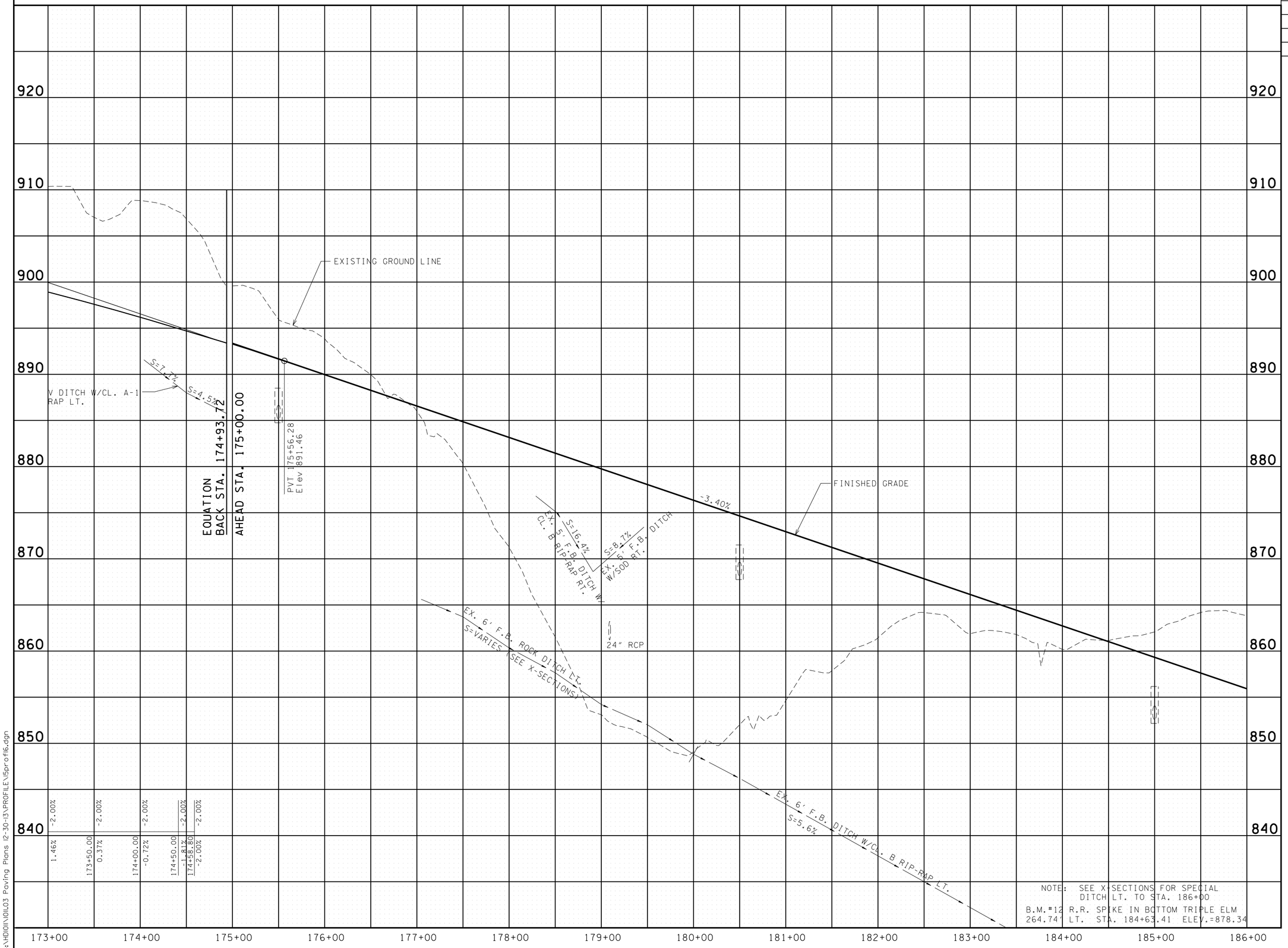
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	16B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 173+00 TO STA. 186+00

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

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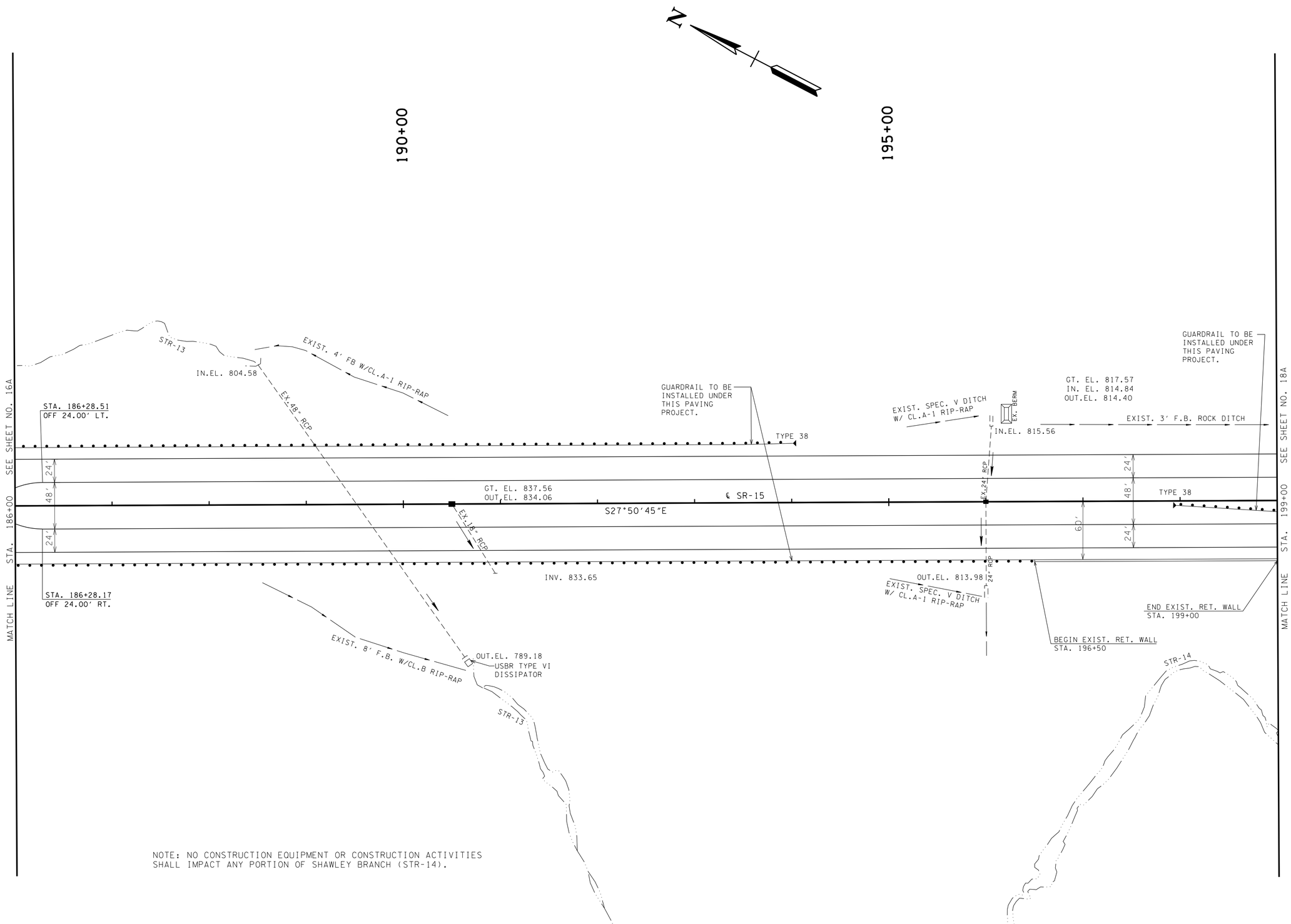
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	17A



NOTE: NO CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITIES SHALL IMPACT ANY PORTION OF SHAWLEY BRANCH (STR-14).

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 186+00 TO STA. 199+00

SCALE: 1"= 50'

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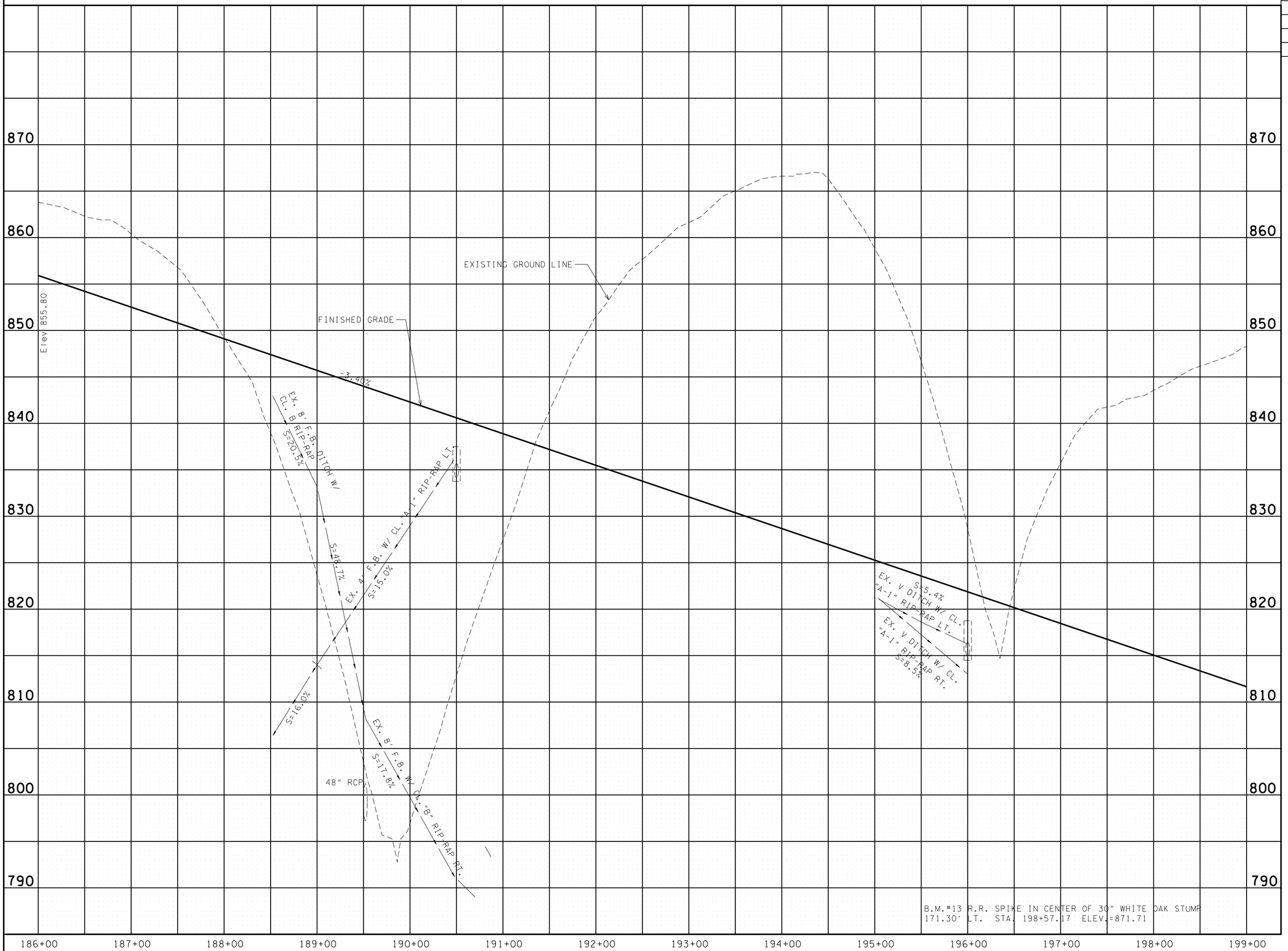
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	17B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 186+00 TO STA. 199+00

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

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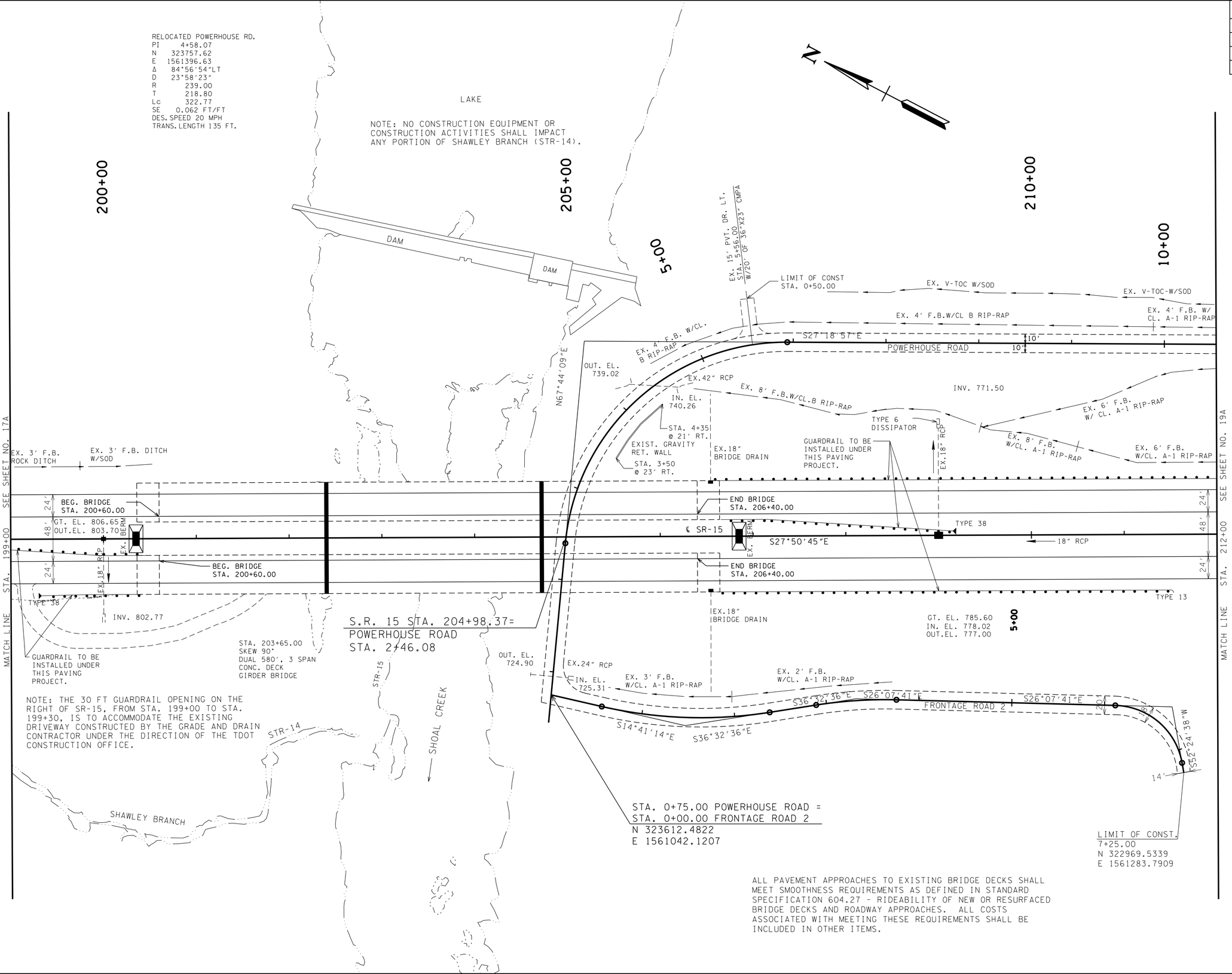
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	18A

RELOCATED POWERHOUSE RD.
PI 4+58.07
N 323757.62
E 1561396.63
Δ 84°56′54″LT
D 23°58′23″
R 239.00
T 218.80
Lc 322.77
SE 0.062 FT/FT
DES. SPEED 20 MPH
TRANS. LENGTH 135 FT.

NOTE: NO CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITIES SHALL IMPACT ANY PORTION OF SHAWLEY BRANCH (STR-14).



NOTE: THE 30 FT GUARDRAIL OPENING ON THE RIGHT OF SR-15, FROM STA. 199+00 TO STA. 199+30, IS TO ACCOMMODATE THE EXISTING DRIVEWAY CONSTRUCTED BY THE GRADE AND DRAIN CONTRACTOR UNDER THE DIRECTION OF THE TDOT CONSTRUCTION OFFICE.

ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 199+00 TO STA. 212+00

SCALE: 1″= 50′

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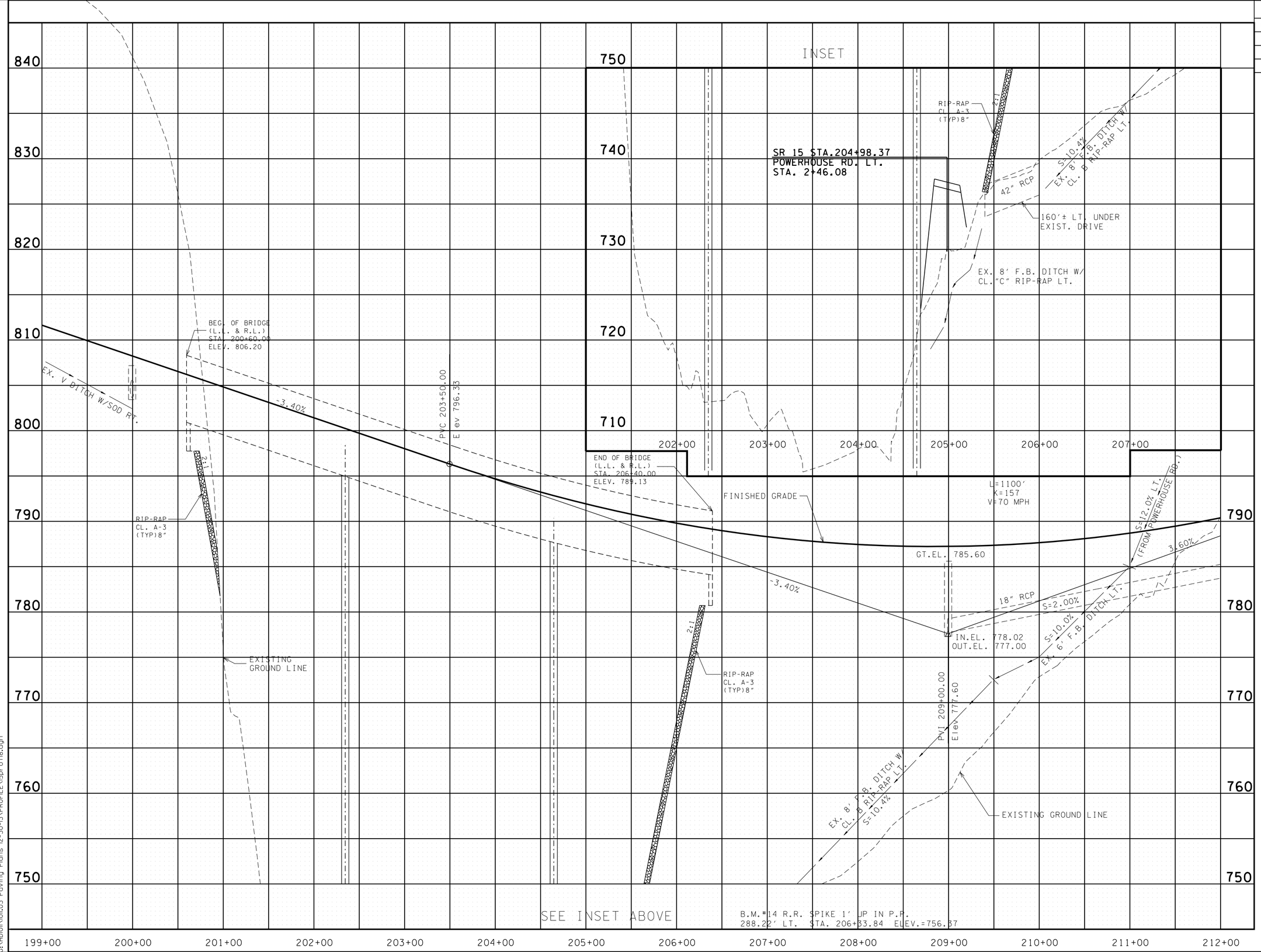
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	18B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 199+00 TO STA. 212+00

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

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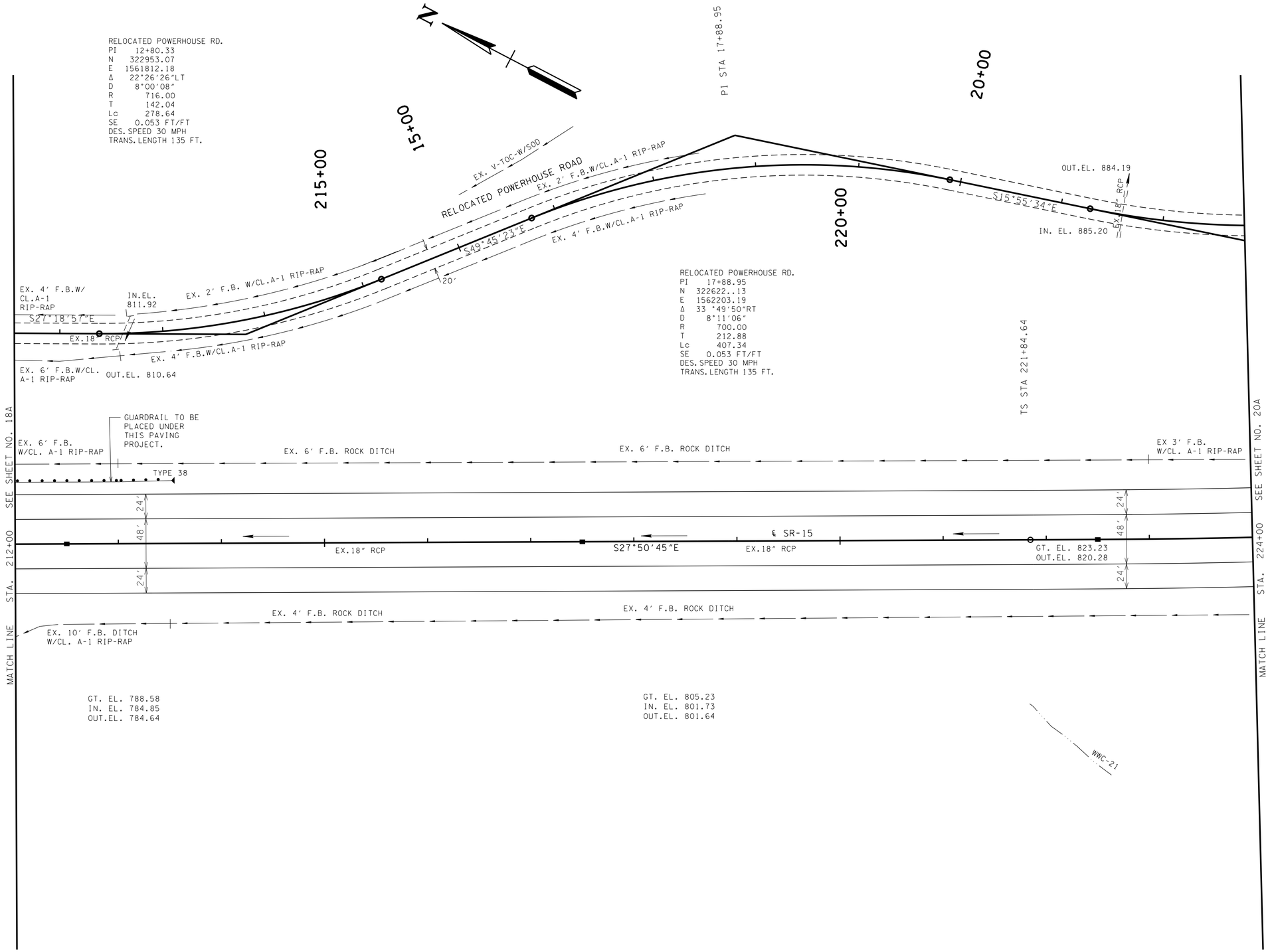
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	19A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 212+00 TO STA. 224+00

SCALE: 1"= 50'

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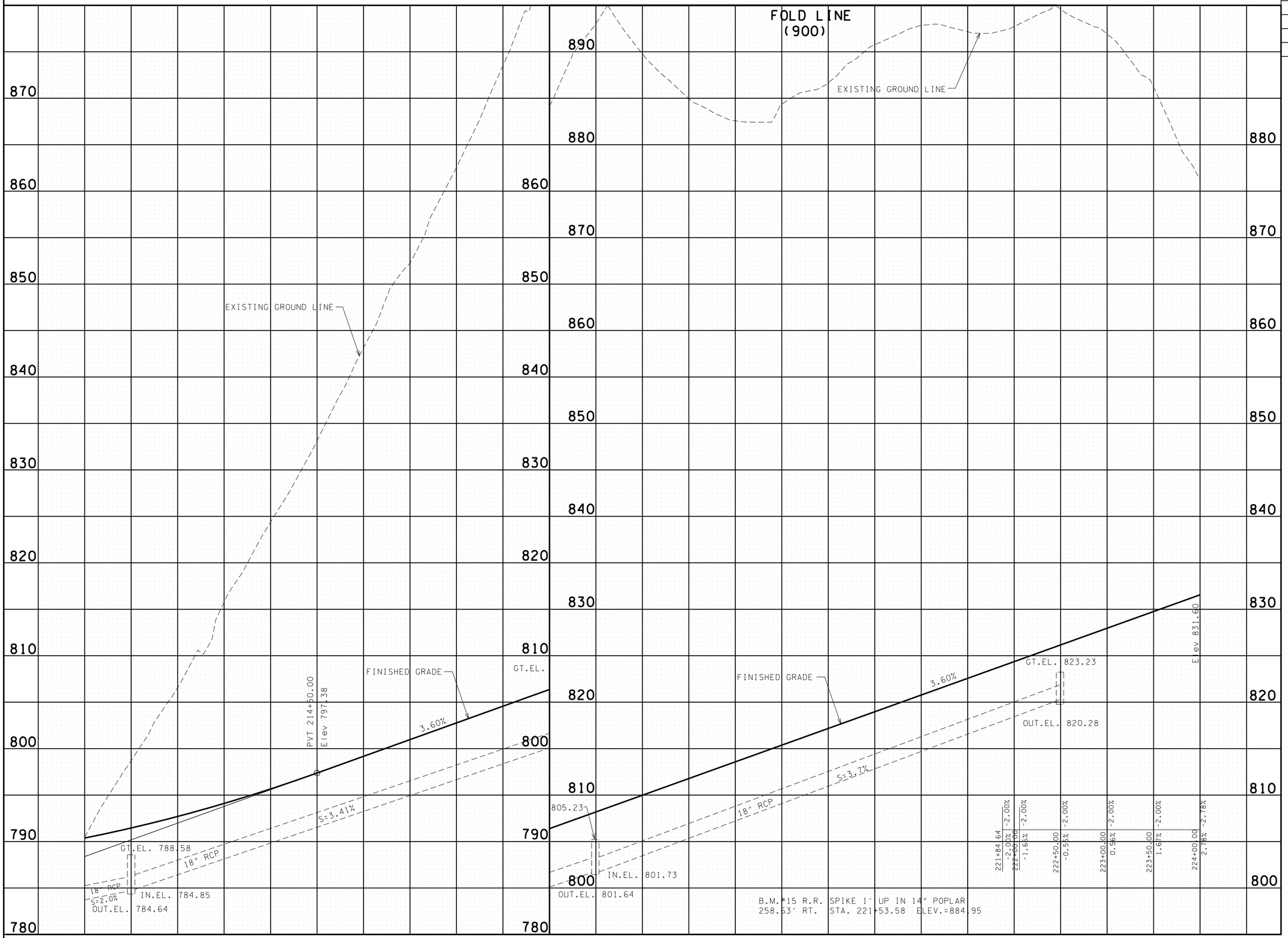
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	19B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 212+00 TO STA. 224+00

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

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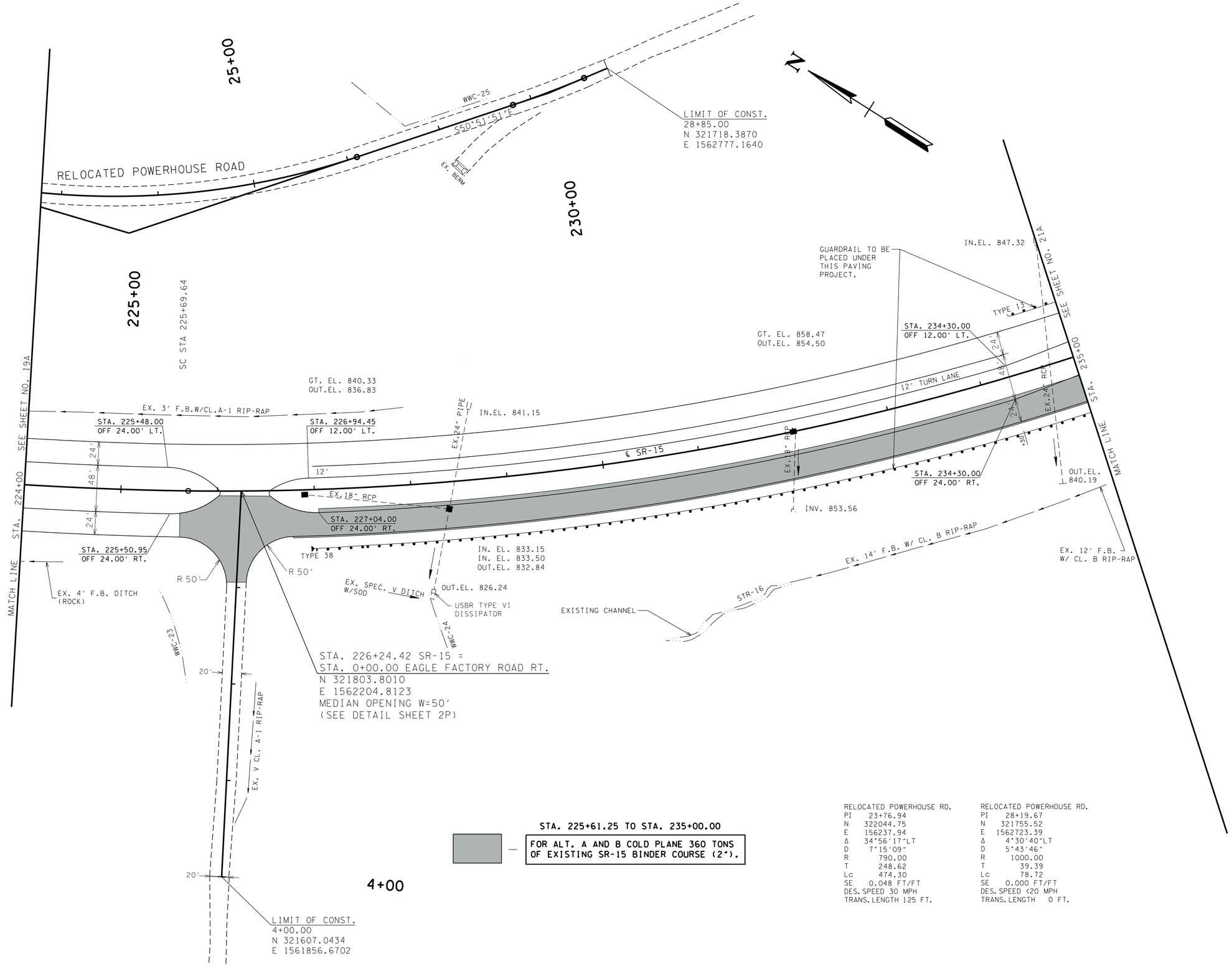
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	20A



STA. 225+61.25 TO STA. 235+00.00

FOR ALT. A AND B COLD PLANE 360 TONS OF EXISTING SR-15 BINDER COURSE (2").

RELOCATED POWERHOUSE RD.

PI	23+76.94
N	322044.75
E	156237.94
Δ	34°56'17"LT
D	7°15'09"
R	790.00
T	248.62
Lc	474.30
SE	0.048 FT/FT
DES. SPEED	30 MPH
TRANS. LENGTH	125 FT.

RELOCATED POWERHOUSE RD.

PI	28+19.67
N	321755.52
E	1562723.39
Δ	4°30'40"LT
D	5°43'46"
R	1000.00
T	39.39
Lc	78.72
SE	0.000 FT/FT
DES. SPEED	<20 MPH
TRANS. LENGTH	0 FT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 224+00 TO STA. 235+00

SCALE: 1"= 50'

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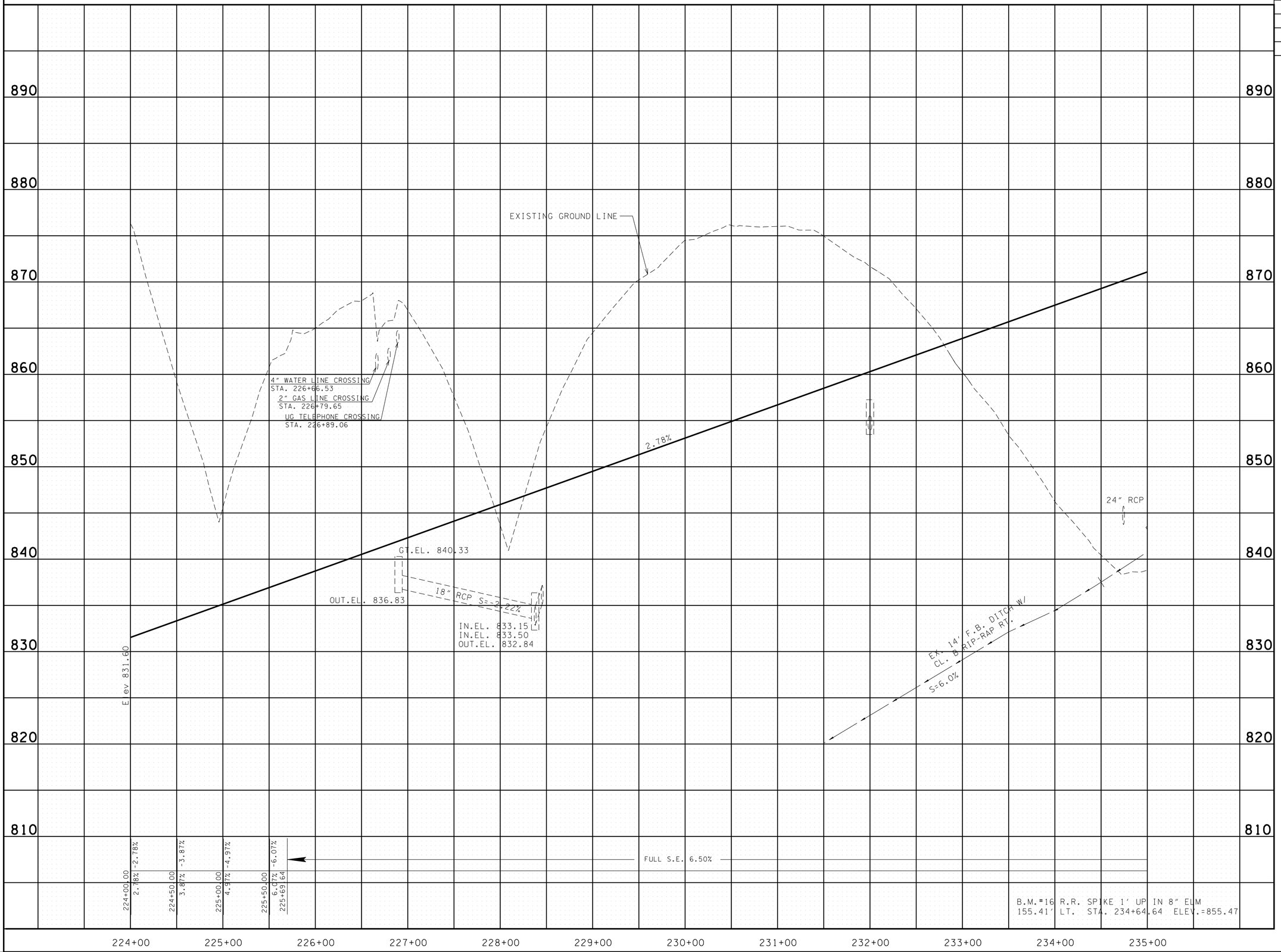
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	20B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 224+00 TO STA. 235+00

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

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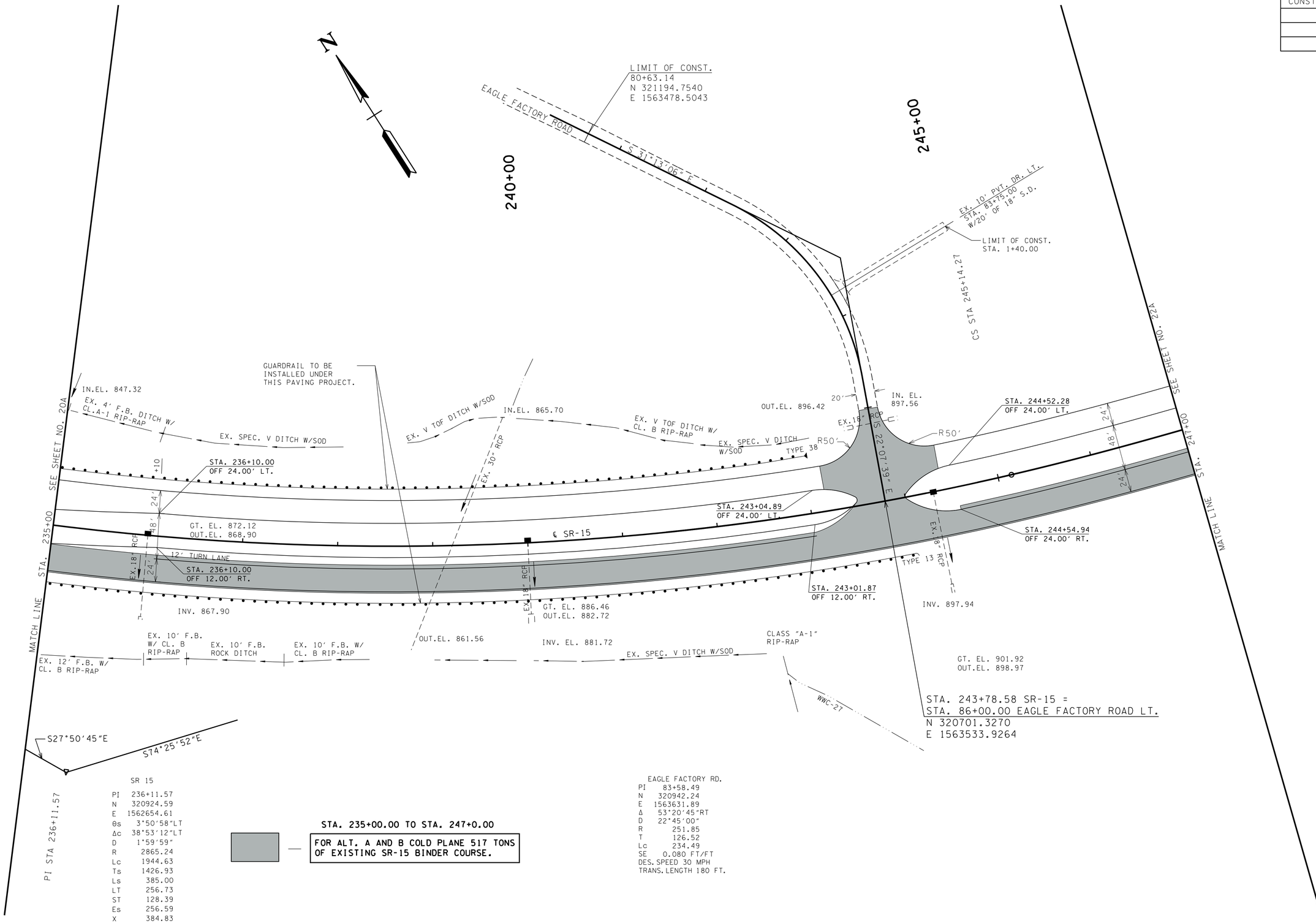
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	21A



SR 15

PI	236+11.57
N	320924.59
E	1562654.61
θs	3°50'58"LT
Δc	38°53'12"LT
D	1°59'59"
R	2865.24
Lc	1944.63
Ts	1426.93
Ls	385.00
LT	256.73
ST	128.39
Es	256.59
X	384.83
Y	8.62
K	192.47
p	2.16
SE	0.065 FT/FT
DES. SPEED	70 MPH

STA. 235+00.00 TO STA. 247+0.00

FOR ALT. A AND B COLD PLANE 517 TONS OF EXISTING SR-15 BINDER COURSE.

EAGLE FACTORY RD.

PI	83+58.49
N	320942.24
E	1563631.89
Δ	53°20'45"RT
D	22°45'00"
R	251.85
T	126.52
Lc	234.49
SE	0.080 FT/FT
DES. SPEED	30 MPH
TRANS. LENGTH	180 FT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 235+00 TO STA. 247+00

SCALE: 1"= 50'

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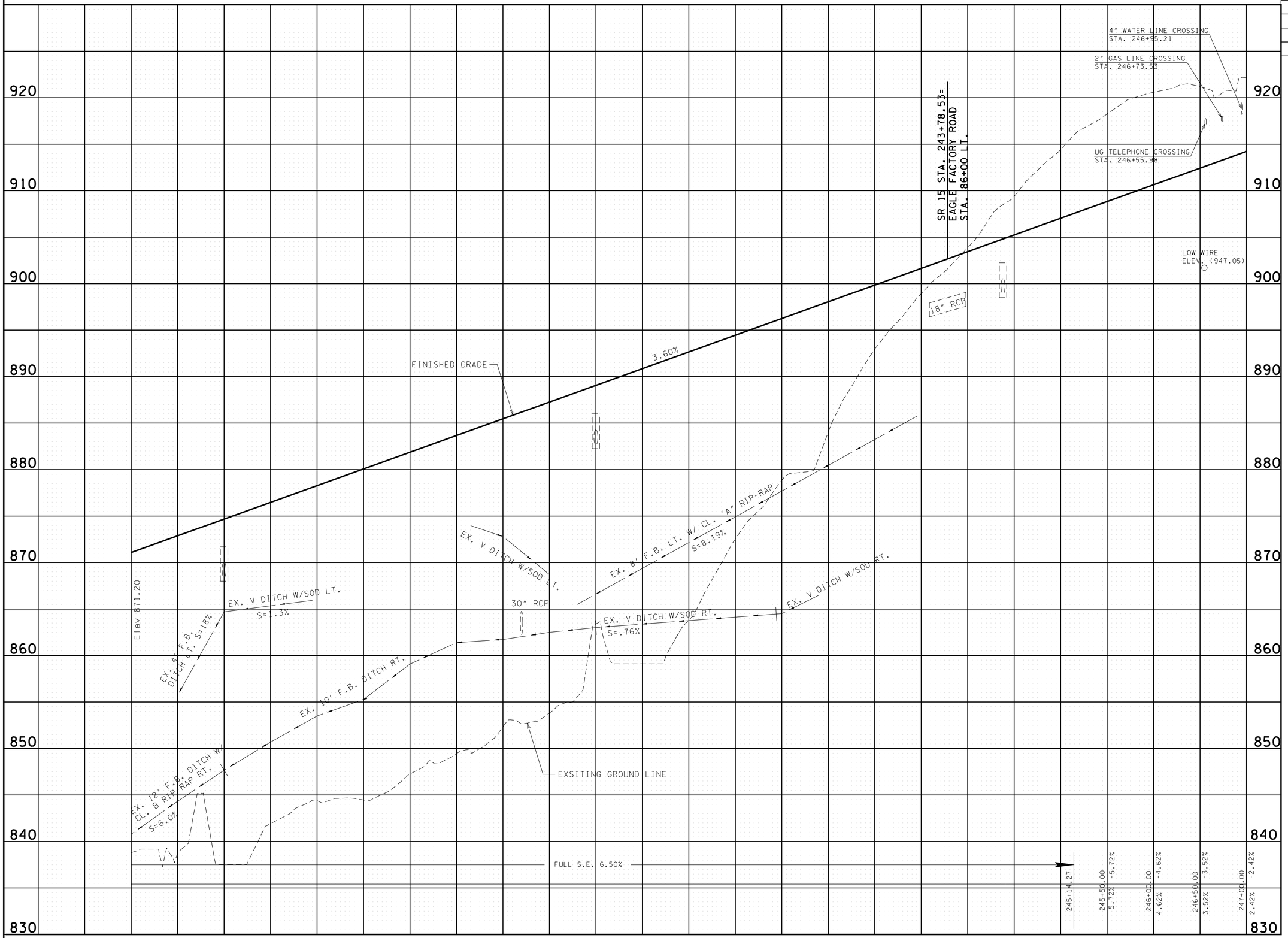
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	21B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 235+00 TO STA. 247+00

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

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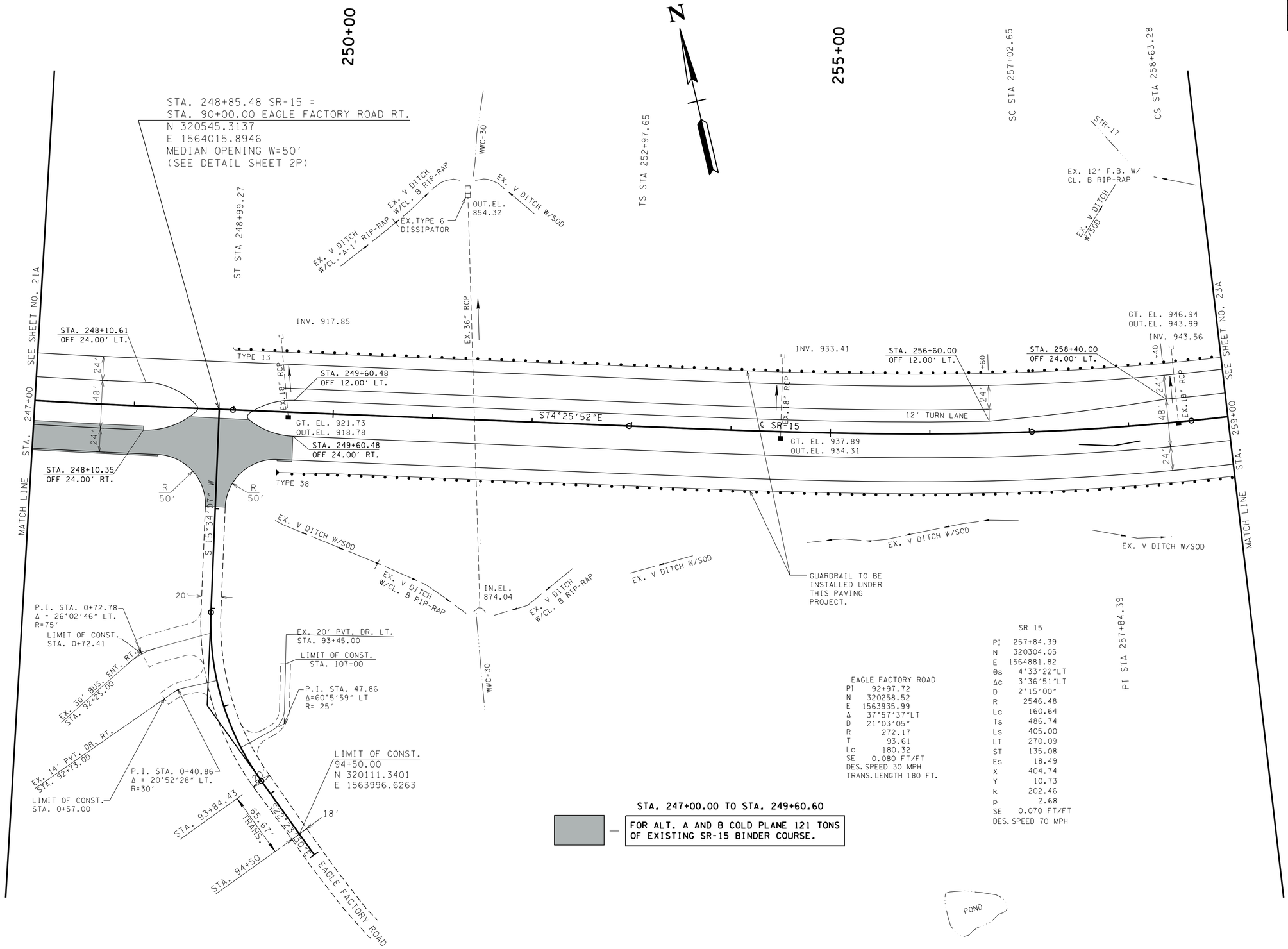
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	22A



STA. 247+00.00 TO STA. 249+60.60

FOR ALT. A AND B COLD PLANE 121 TONS OF EXISTING SR-15 BINDER COURSE.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 247+00 TO STA. 259+00

SCALE: 1"= 50'

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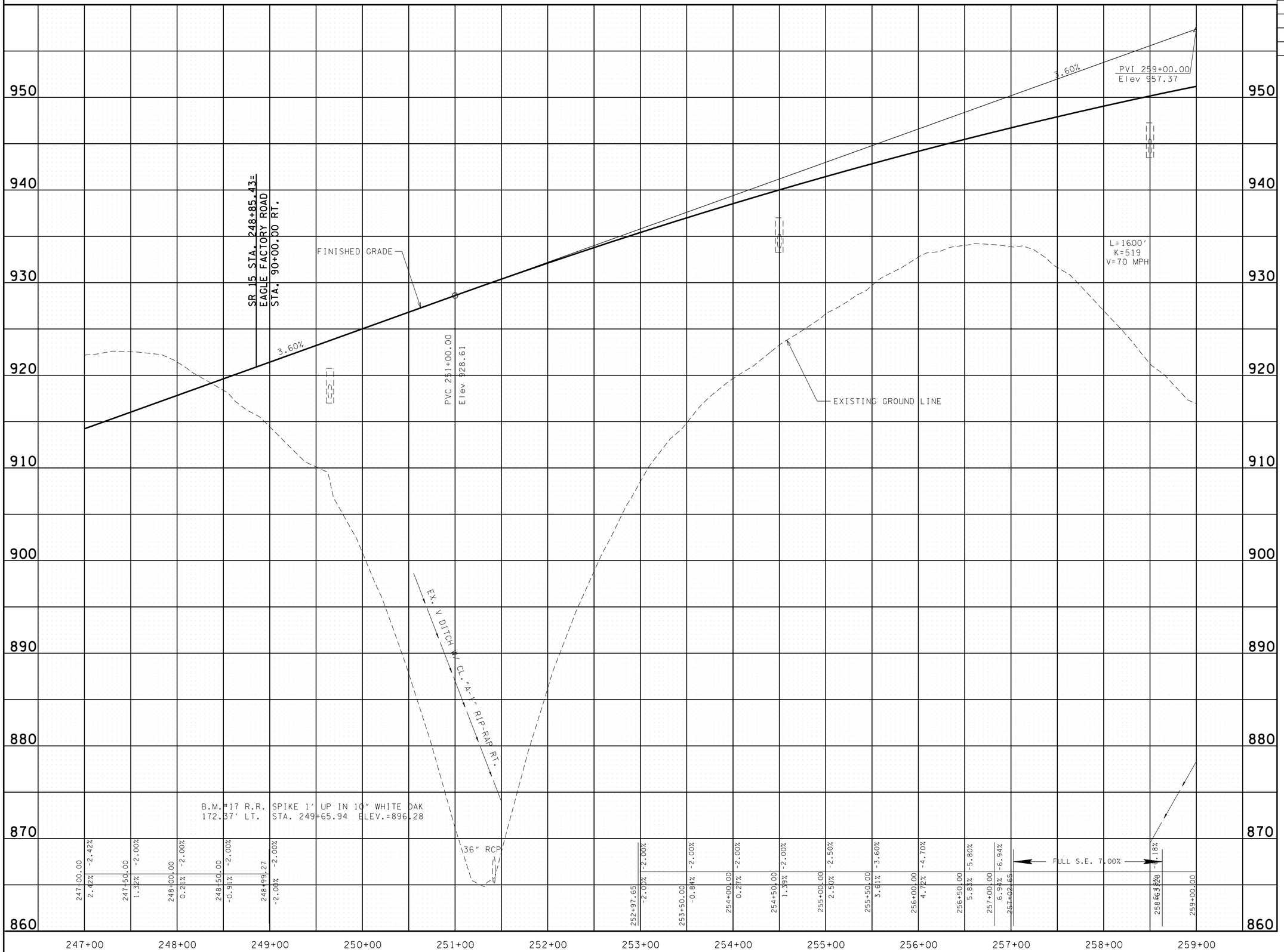
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	22B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 247+00 TO STA. 259+00

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

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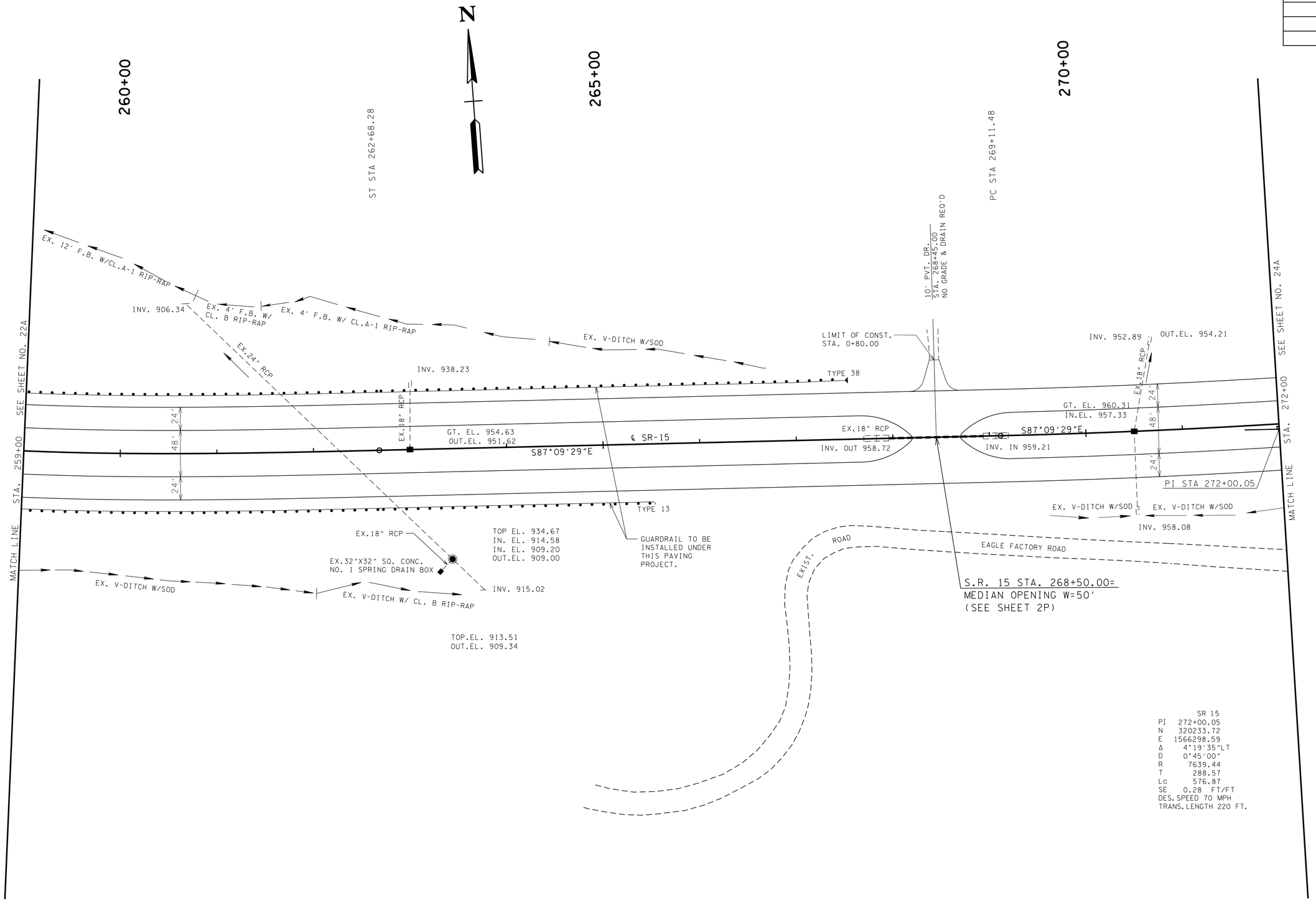
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	23A



	SR 15
PI	272+00.05
N	320233.72
E	1566298.59
Δ	4°19'35"LT
D	0°45'00"
R	7639.44
T	288.57
Lc	576.87
SE	0.28 FT/FT
DES. SPEED	70 MPH
TRANS. LENGTH	220 FT.

NOTE: ALL DRIVEWAY RADII ARE 15' UNLESS OTHERWISE NOTED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 259+00 TO STA. 272+00

SCALE: 1"= 50'

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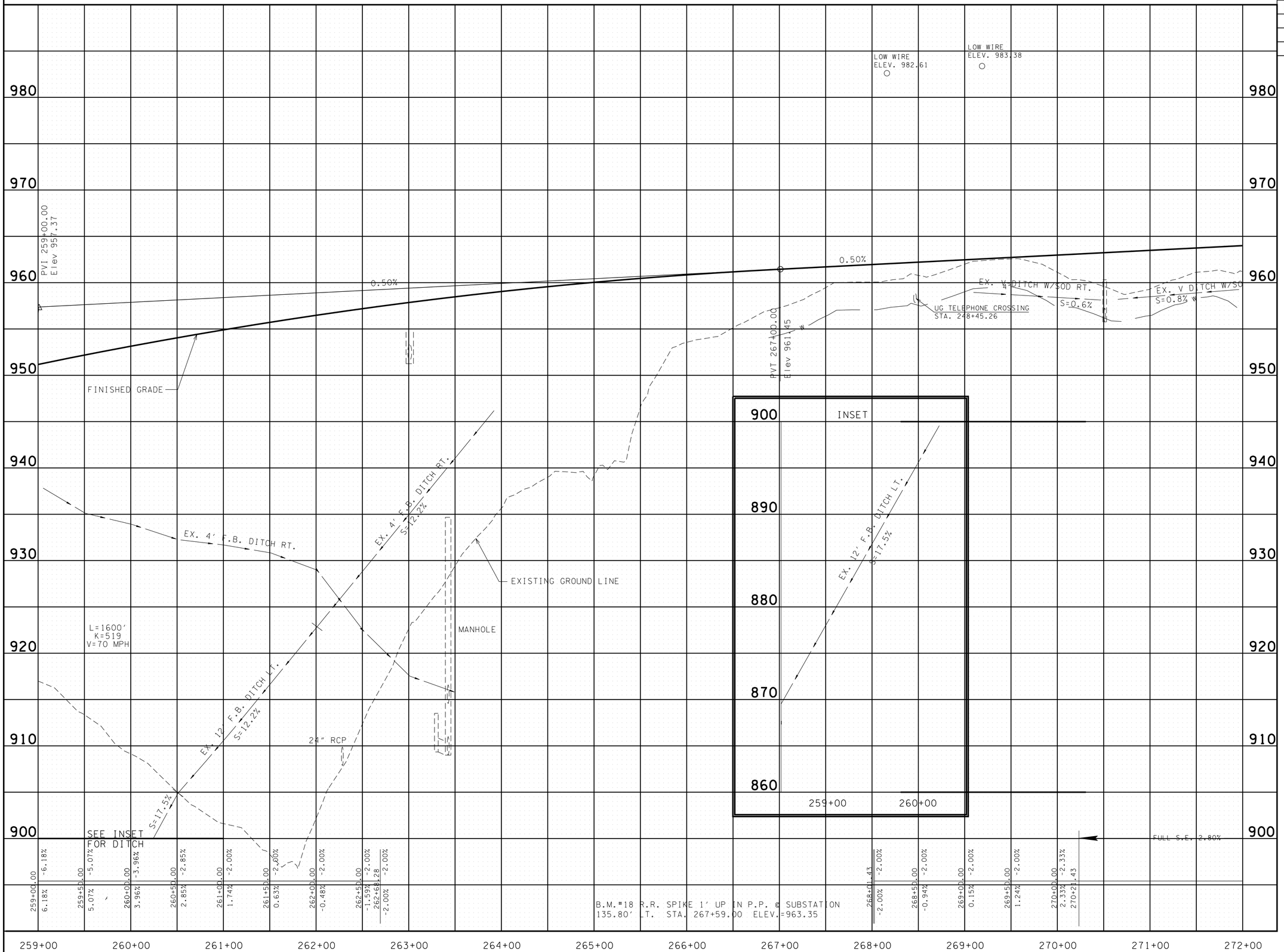
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	23B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 259+00 TO STA. 272+00

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

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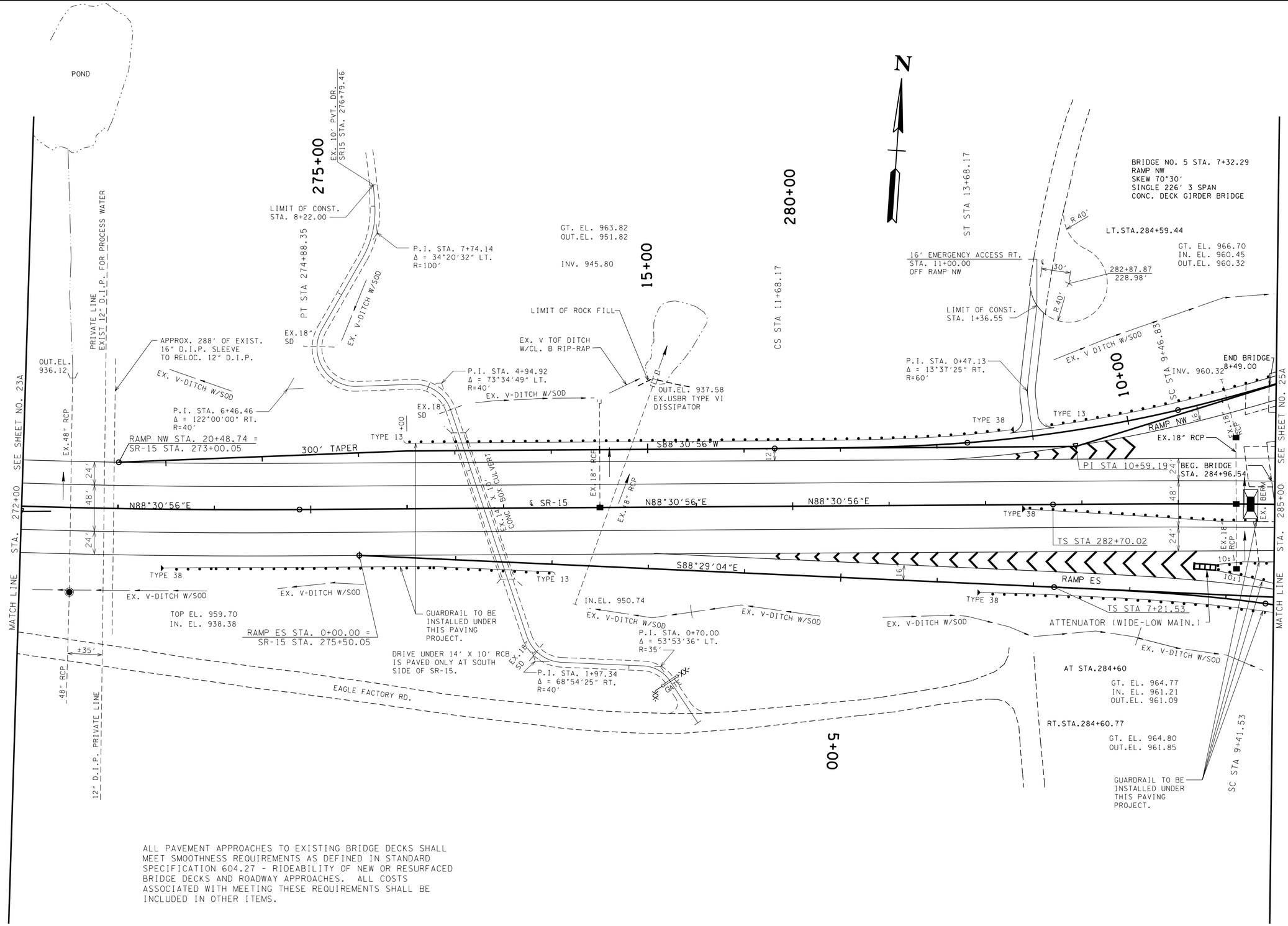
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	24A



ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 272+00 TO STA. 285+00

SCALE: 1"= 50'

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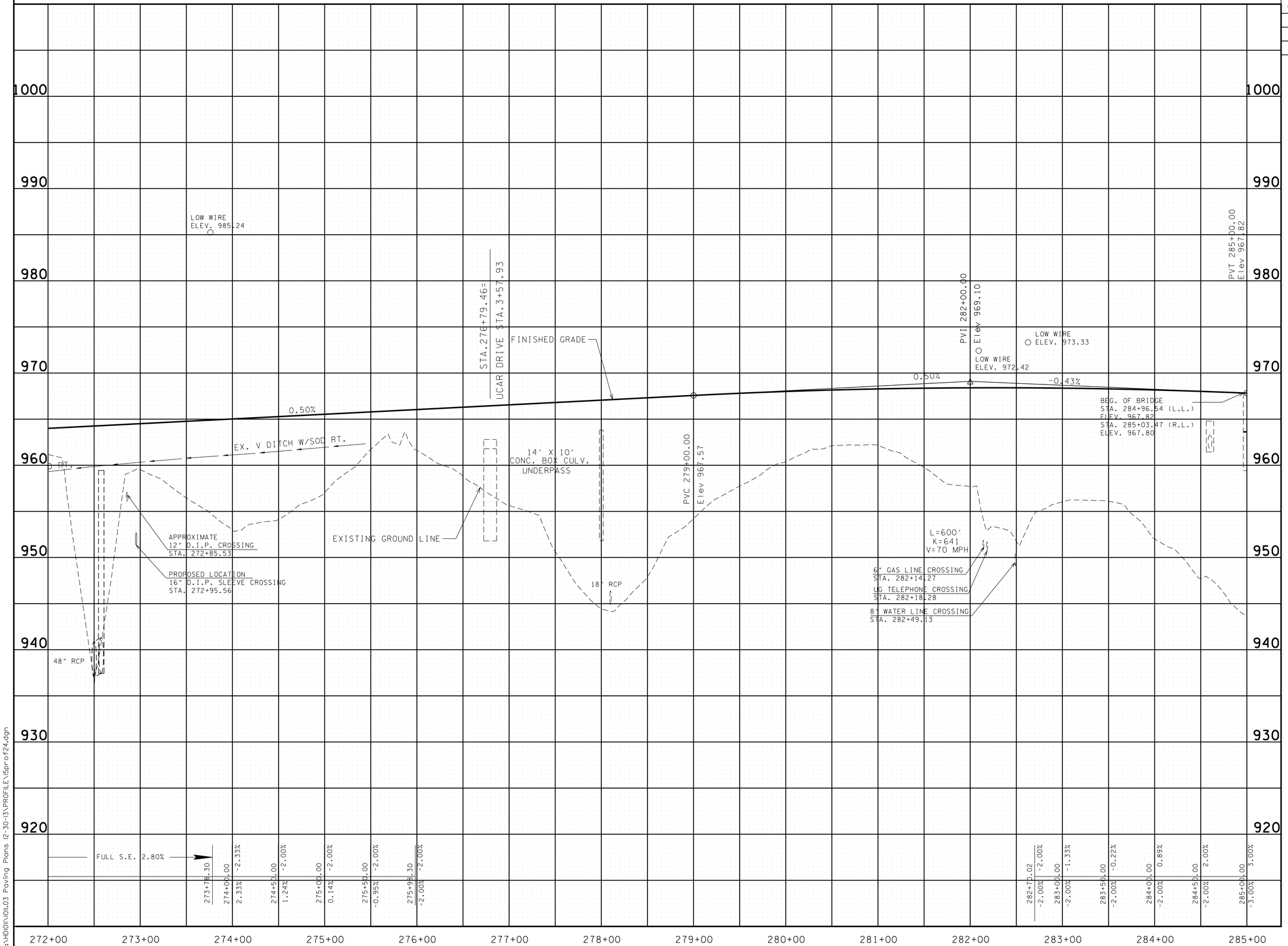
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	24B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 272+00 TO STA. 285+00

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

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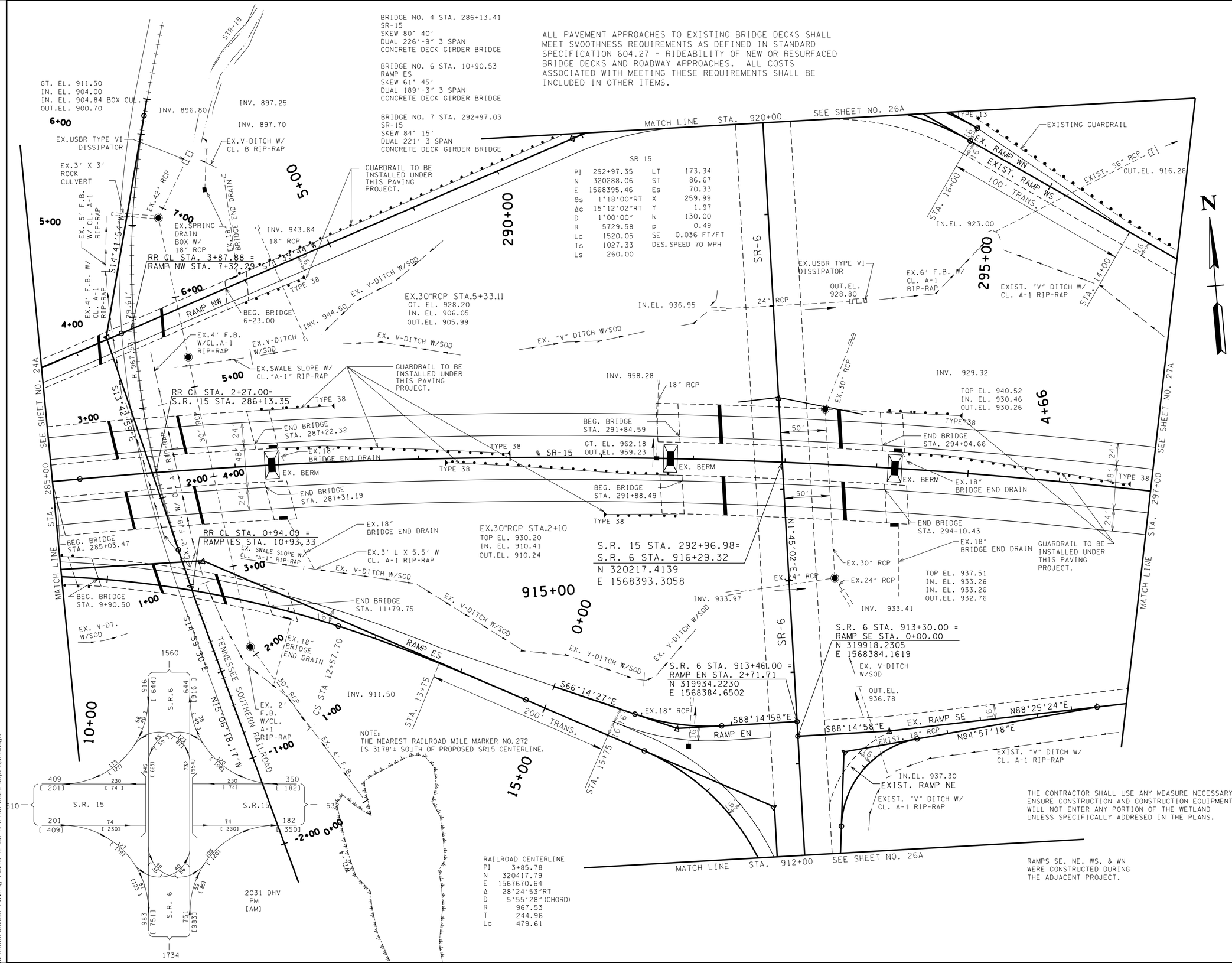
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	25A

BRIDGE NO. 4 STA. 286+13.41
SR-15
SKEW 80° 40'
DUAL 226'-9" 3 SPAN
CONCRETE DECK GIRDER BRIDGE

BRIDGE NO. 6 STA. 10+90.53
RAMP ES
SKEW 61° 45'
DUAL 189'-3" 3 SPAN
CONCRETE DECK GIRDER BRIDGE

BRIDGE NO. 7 STA. 292+97.03
SR-15
SKEW 84° 15'
DUAL 221' 3 SPAN
CONCRETE DECK GIRDER BRIDGE

ALL PAVEMENT APPROACHES TO EXISTING BRIDGE DECKS SHALL MEET SMOOTHNESS REQUIREMENTS AS DEFINED IN STANDARD SPECIFICATION 604.27 - RIDEABILITY OF NEW OR RESURFACED BRIDGE DECKS AND ROADWAY APPROACHES. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN OTHER ITEMS.



THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE WETLAND UNLESS SPECIFICALLY ADDRESED IN THE PLANS.

RAMPS SE, NE, WS, & WN WERE CONSTRUCTED DURING THE ADJACENT PROJECT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 285+00 TO STA. 297+00

SCALE: 1"= 50'

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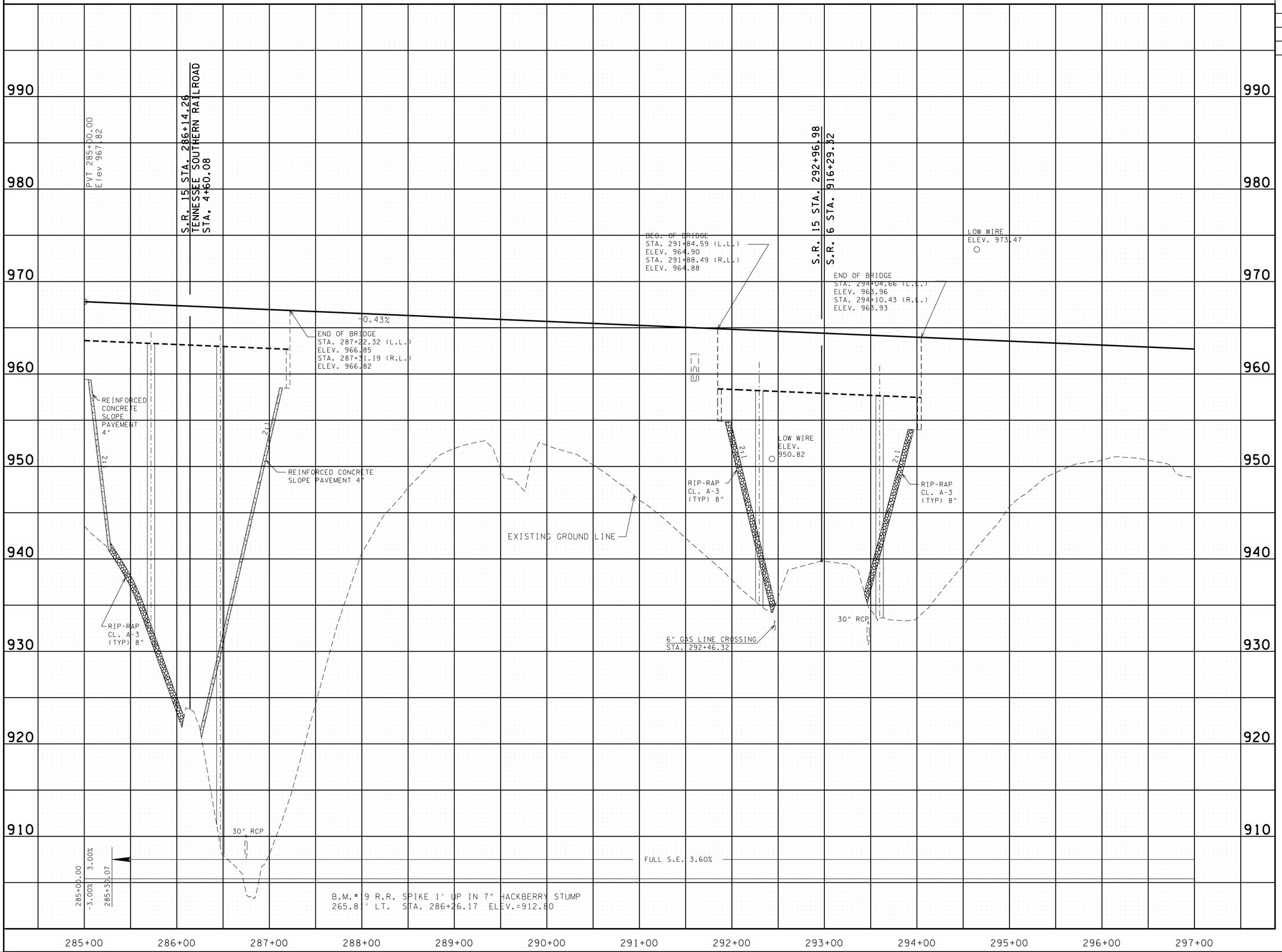
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	25B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 285+00 TO STA. 298+00

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

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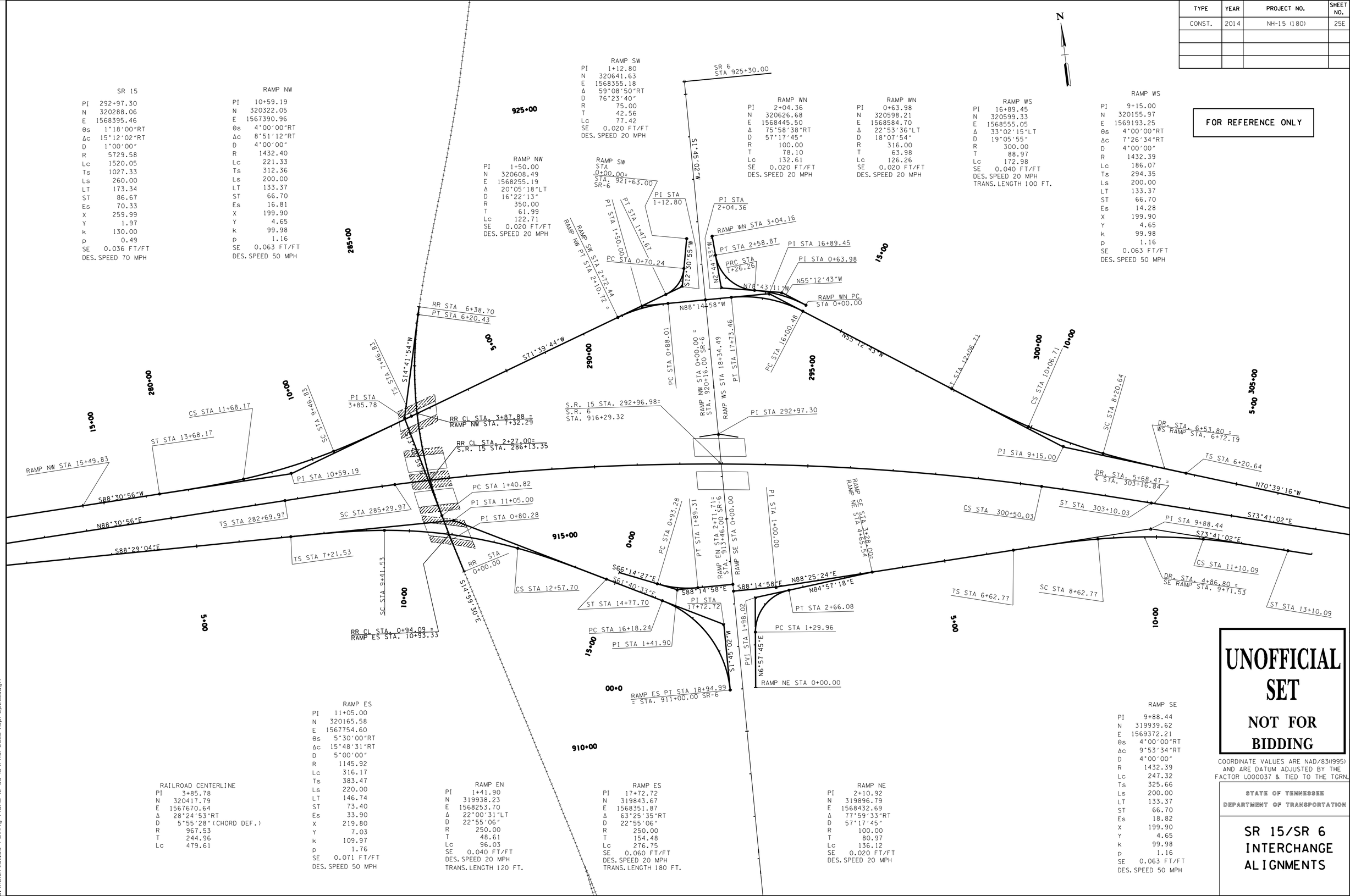
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	25E

FOR REFERENCE ONLY



SR 15

PI	292+97.30
N	320288.06
E	1568395.46
θs	1°18'00"RT
Δc	15°12'02"RT
D	1°00'00"
R	5729.58
Lc	1520.05
Ts	1027.33
Ls	260.00
LT	173.34
ST	86.67
Es	70.33
X	259.99
Y	1.97
k	130.00
p	0.49
SE	0.036 FT/FT

DES. SPEED 70 MPH

RAMP NW

PI	10+59.19
N	320322.05
E	1567390.96
θs	4°00'00"RT
Δc	8°51'12"RT
D	4°00'00"
R	1432.40
Lc	221.33
Ts	312.36
Ls	200.00
LT	133.37
ST	66.70
Es	16.81
X	199.90
Y	4.65
k	99.98
p	1.16
SE	0.063 FT/FT

DES. SPEED 50 MPH

RAMP NW

PI	1+50.00
N	320608.49
E	1568255.19
Δ	20°05'18"LT
D	16°22'13"
R	350.00
T	61.99
Lc	122.71
SE	0.020 FT/FT

DES. SPEED 20 MPH

RAMP SW

PI	1+12.80
N	320641.63
E	1568355.18
Δ	59°08'50"RT
D	76°23'40"
R	75.00
T	42.56
Lc	77.42
SE	0.020 FT/FT

DES. SPEED 20 MPH

RAMP WN

PI	2+04.36
N	320626.68
E	1568445.50
Δ	75°58'38"RT
D	57°17'45"
R	100.00
T	78.10
Lc	132.61
SE	0.020 FT/FT

DES. SPEED 20 MPH

RAMP WN

PI	0+63.98
N	320598.21
E	1568584.70
Δ	22°53'36"LT
D	18°07'54"
R	316.00
T	63.98
Lc	126.26
SE	0.020 FT/FT

DES. SPEED 20 MPH

RAMP WS

PI	16+89.45
N	320599.33
E	1568555.05
Δ	33°02'15"LT
D	19°05'55"
R	300.00
T	88.97
Lc	172.98
SE	0.040 FT/FT

DES. SPEED 20 MPH
TRANS. LENGTH 100 FT.

RAMP WS

PI	9+15.00
N	320155.97
E	1569193.25
θs	4°00'00"RT
Δc	7°26'34"RT
D	4°00'00"
R	1432.39
Lc	186.07
Ts	294.35
Ls	200.00
LT	133.37
ST	66.70
Es	14.28
X	199.90
Y	4.65
k	99.98
p	1.16
SE	0.063 FT/FT

DES. SPEED 50 MPH

RAILROAD CENTERLINE

PI	3+85.78
N	320417.79
E	1567670.64
Δ	28°24'53"RT
D	5°55'28"(CHORD DEF.)
R	967.53
T	244.96
Lc	479.61

RAMP ES

PI	11+05.00
N	320165.58
E	1567754.60
θs	5°30'00"RT
Δc	15°48'31"RT
D	5°00'00"
R	1145.92
Lc	316.17
Ts	383.47
Ls	220.00
LT	146.74
ST	73.40
Es	33.90
X	219.80
Y	7.03
k	109.97
p	1.76
SE	0.071 FT/FT

DES. SPEED 50 MPH

RAMP EN

PI	1+41.90
N	319938.23
E	1568253.70
Δ	22°00'31"LT
D	22°55'06"
R	250.00
T	48.61
Lc	96.03
SE	0.040 FT/FT

DES. SPEED 20 MPH
TRANS. LENGTH 120 FT.

RAMP ES

PI	17+72.72
N	319843.67
E	1568351.87
Δ	63°25'35"RT
D	22°55'06"
R	250.00
T	154.48
Lc	276.75
SE	0.060 FT/FT

DES. SPEED 20 MPH
TRANS. LENGTH 180 FT.

RAMP NE

PI	2+10.92
N	319896.79
E	1568432.69
Δ	77°59'33"RT
D	57°17'45"
R	100.00
T	80.97
Lc	136.12
SE	0.020 FT/FT

DES. SPEED 20 MPH

RAMP SE

PI	9+88.44
N	319939.62
E	1569372.21
θs	4°00'00"RT
Δc	9°53'34"RT
D	4°00'00"
R	1432.39
Lc	247.32
Ts	325.66
Ls	200.00
LT	133.37
ST	66.70
Es	18.82
X	199.90
Y	4.65
k	99.98
p	1.16
SE	0.063 FT/FT

DES. SPEED 50 MPH

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SR 15/SR 6 INTERCHANGE ALIGNMENTS

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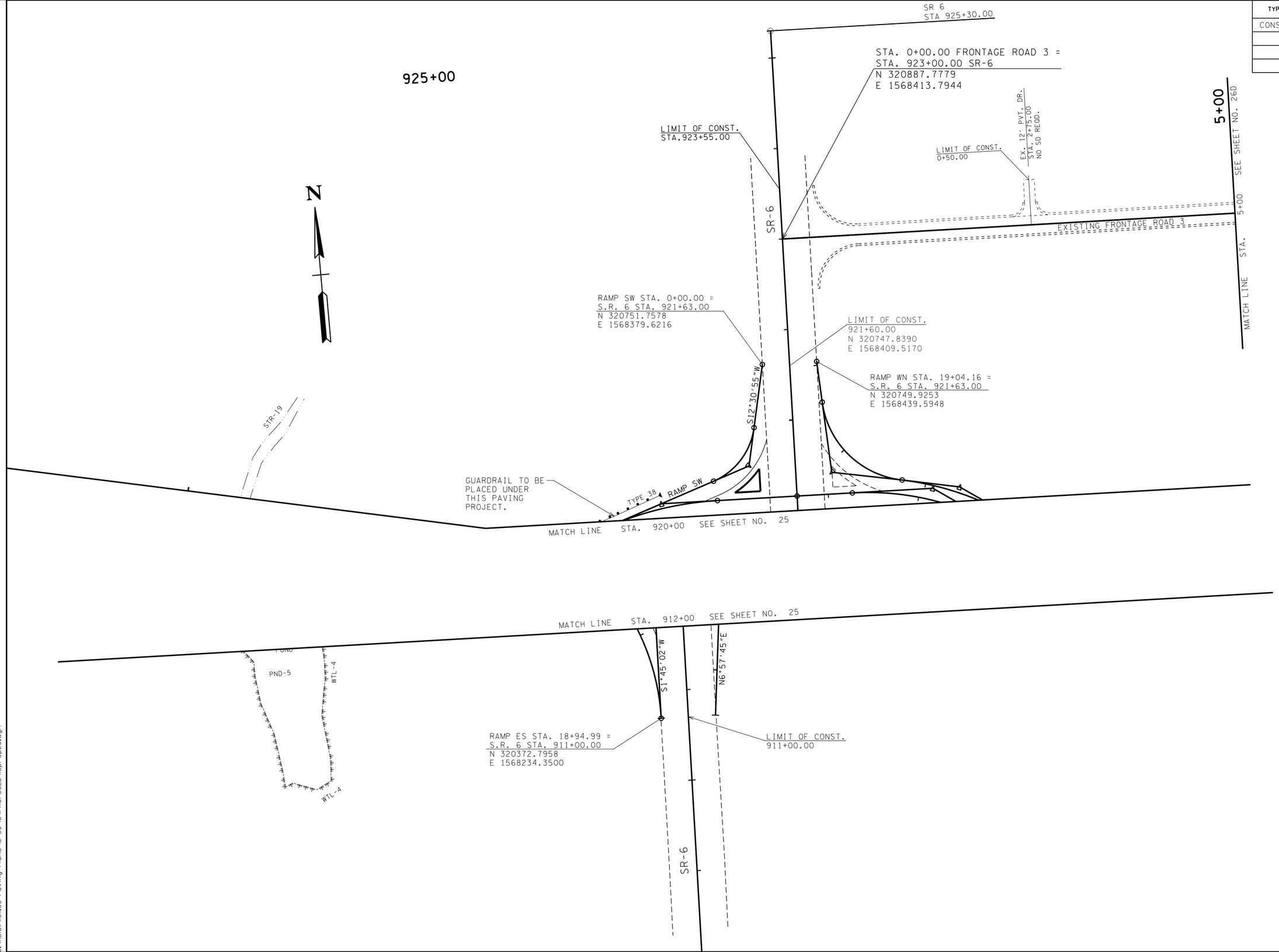
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	26A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

SCALE: 1"= 50'

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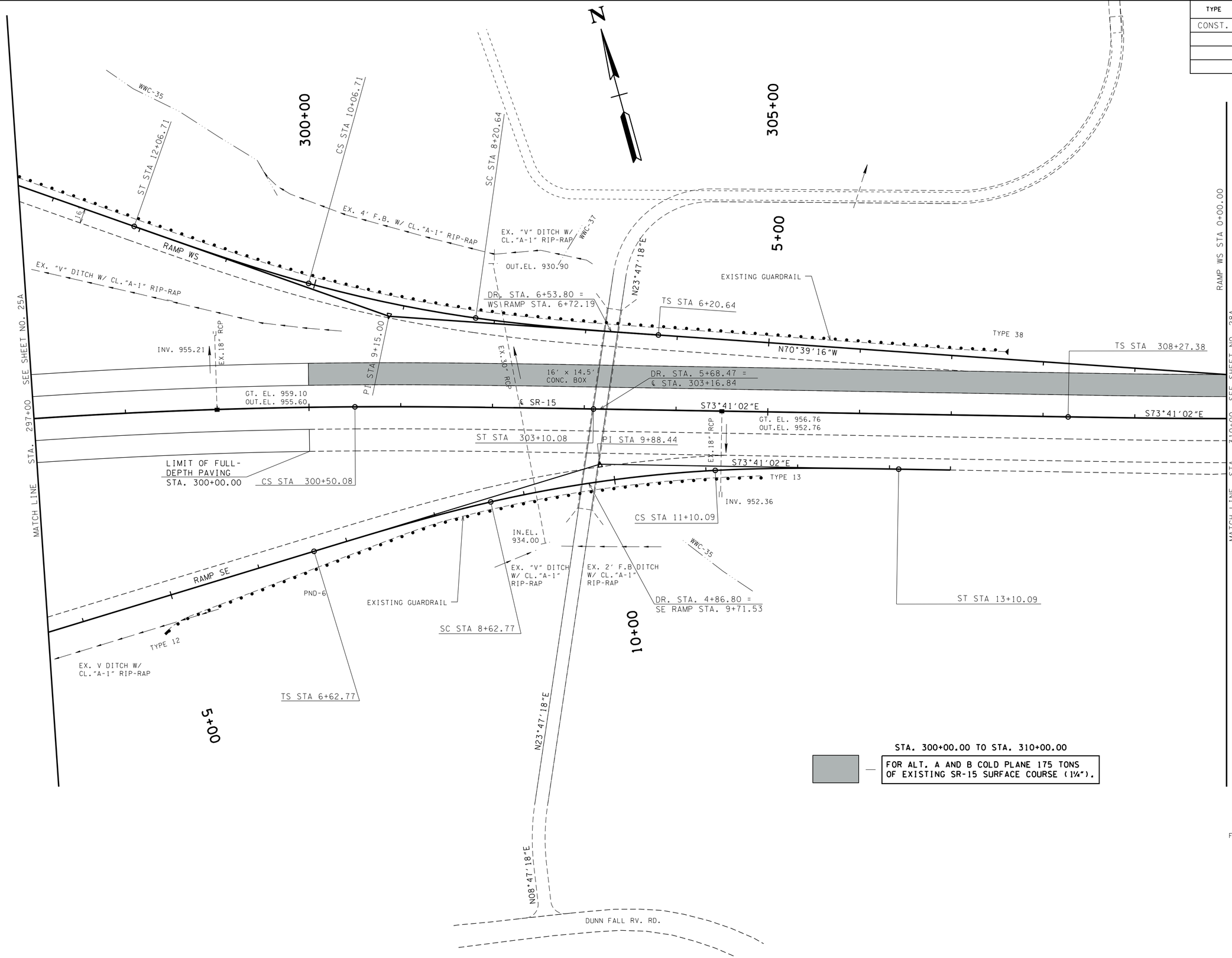
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	27A



STA. 300+00.00 TO STA. 310+00.00

FOR ALT. A AND B COLD PLANE 175 TONS OF EXISTING SR-15 SURFACE COURSE (1¼").

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 297+00 TO STA. 310+00

SCALE: 1"= 50'

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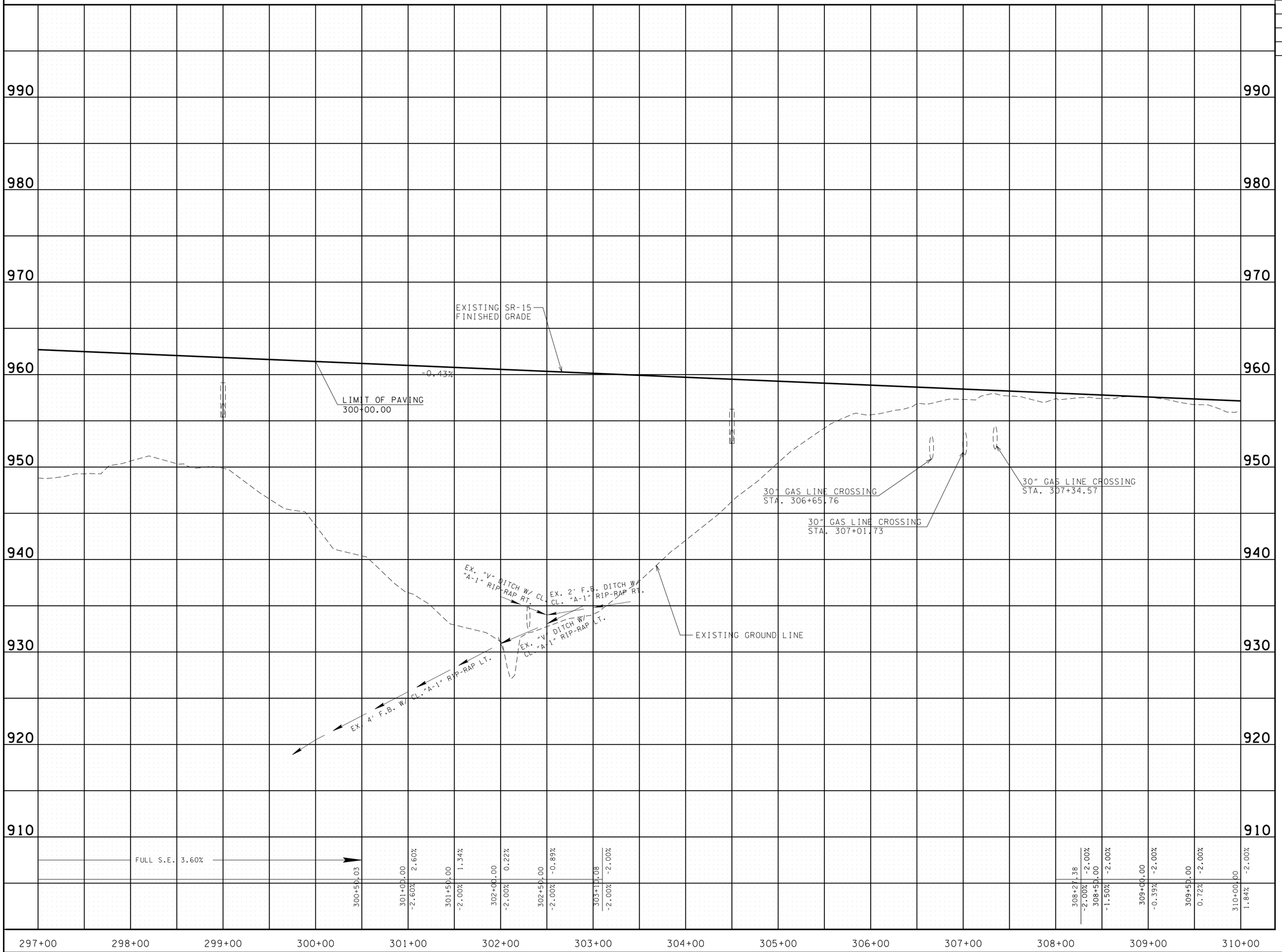
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	27B



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UNOFFICIAL SET

NOT FOR BIDDING

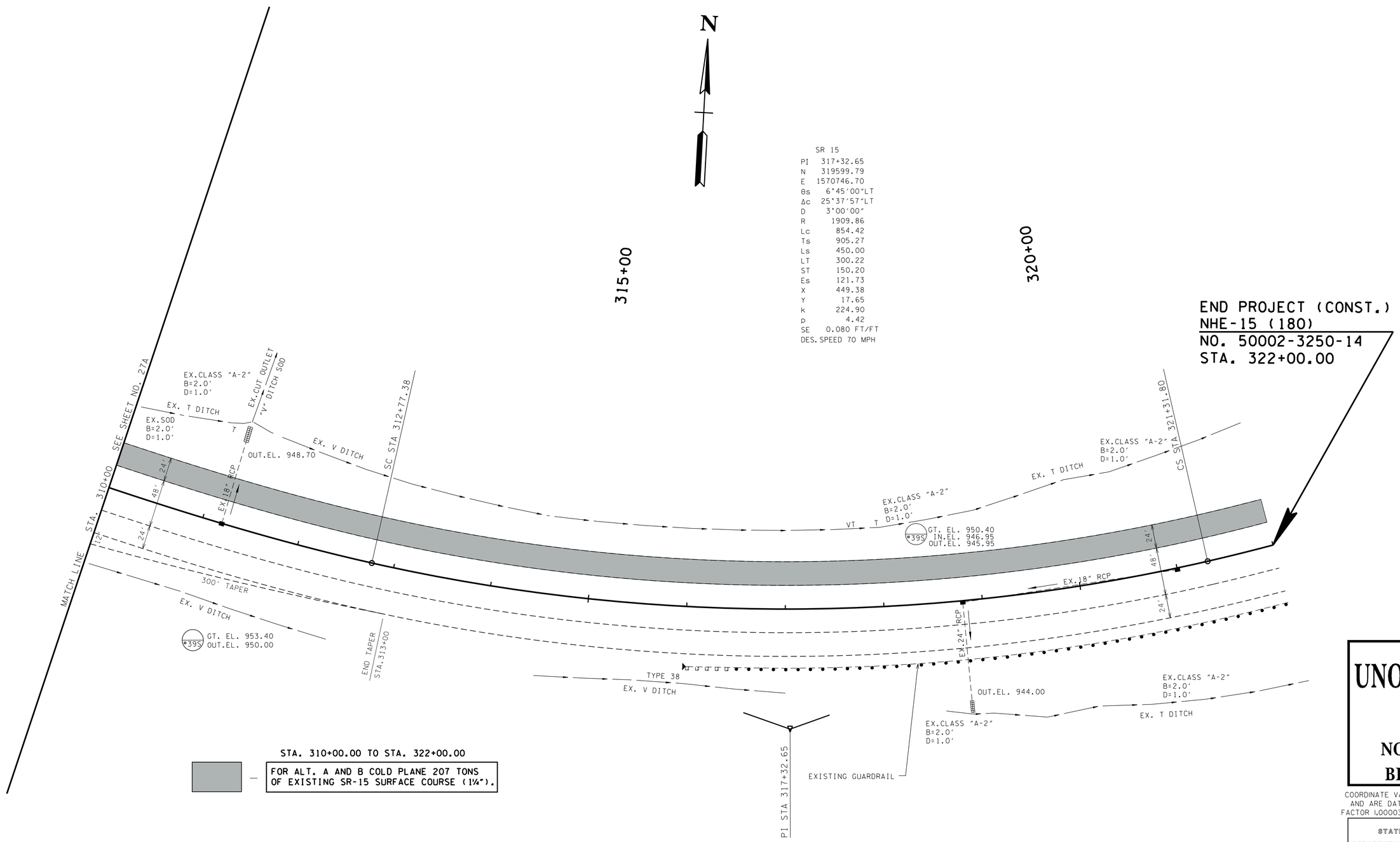
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 297+00 TO STA. 310+00

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	28A



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 310+00 TO STA. 322+00

SCALE: 1"= 50'

04/30/2014 14:03:15 PM
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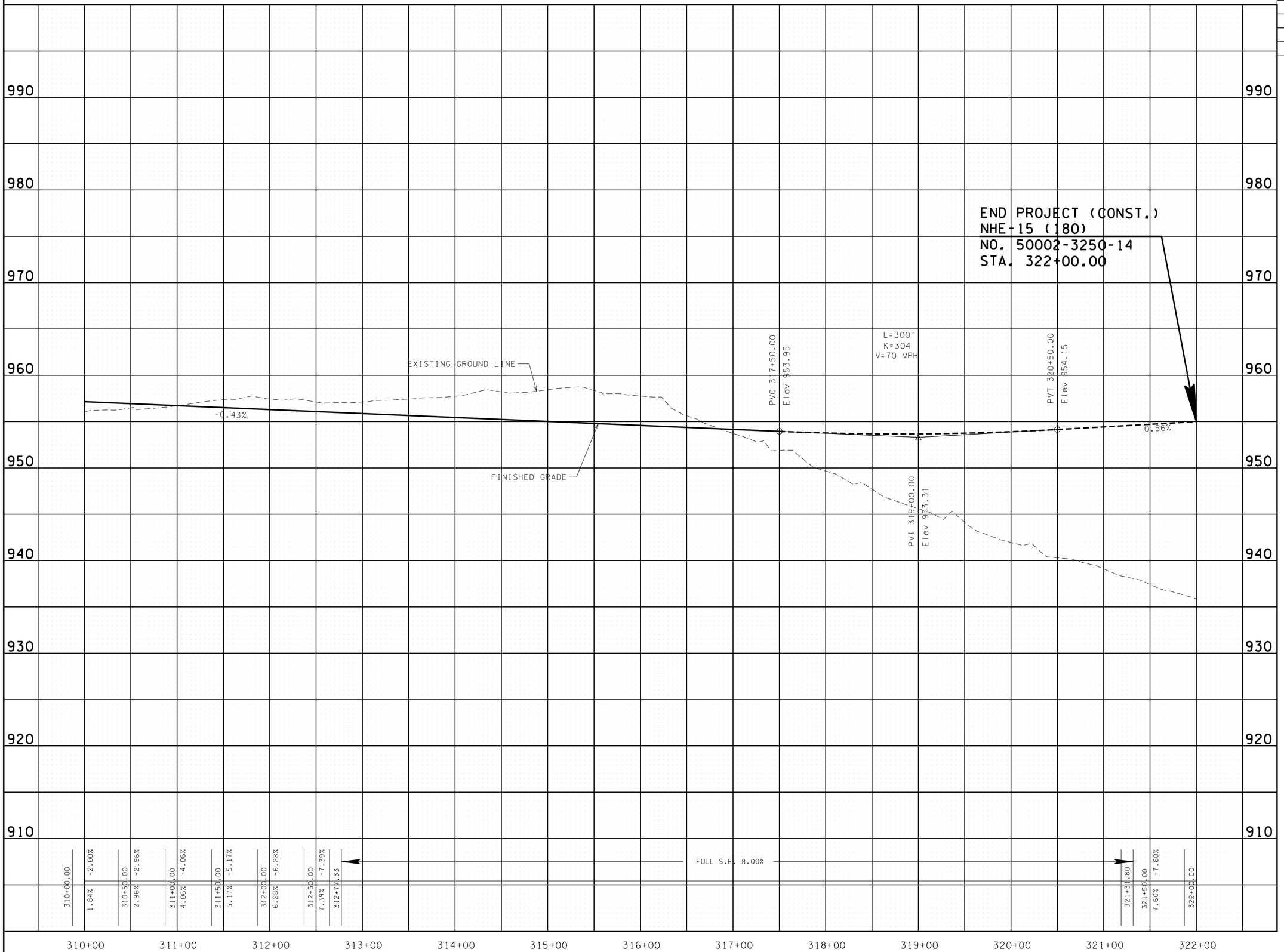
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	28B



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 310+00 TO STA. 322+00

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

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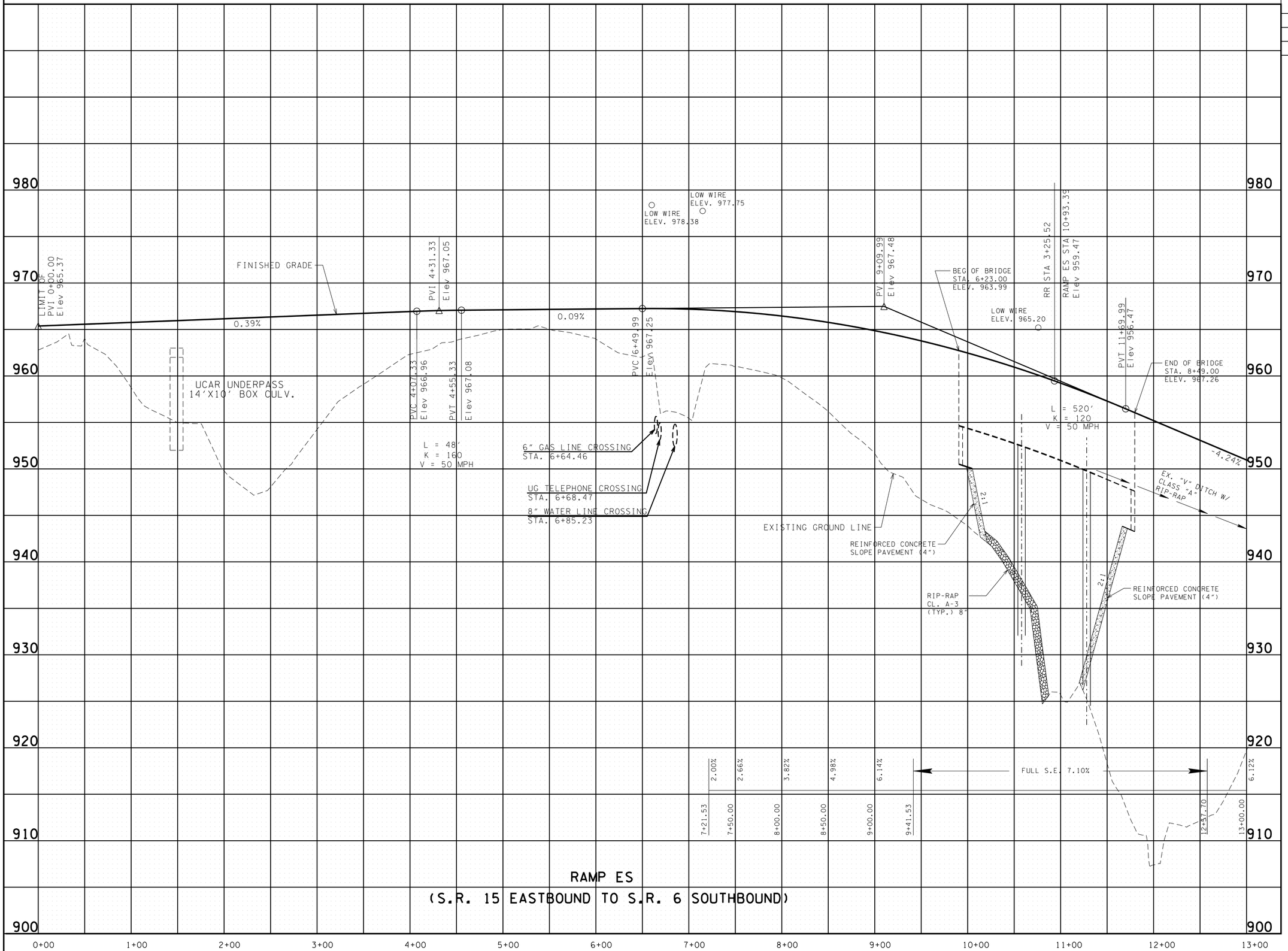
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	32



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILES

RAMP ES

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

4/30/2014 1:03:16 PM
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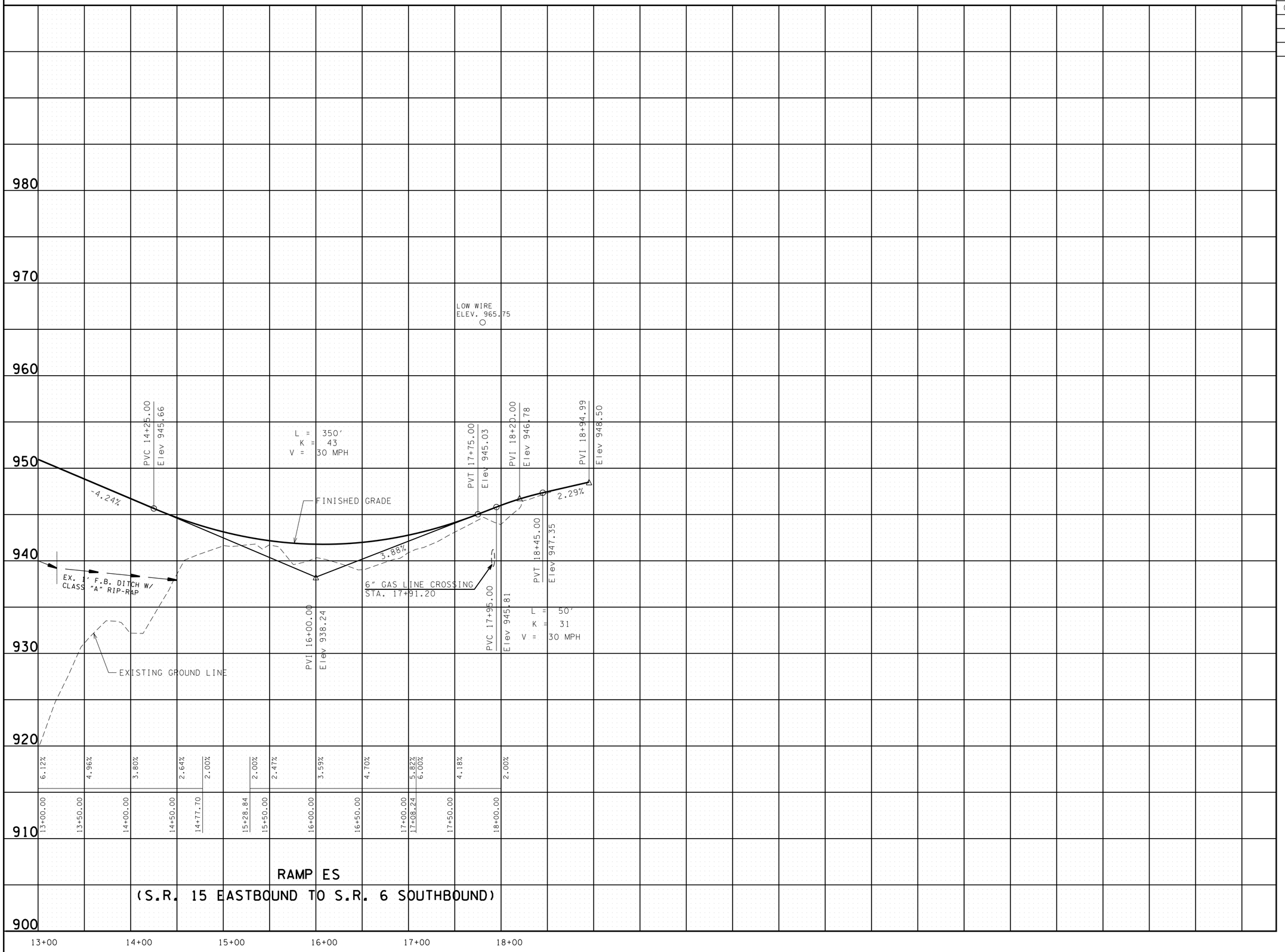
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	33



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILES

RAMP ES

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

04/30/2014 14:03:17 PM
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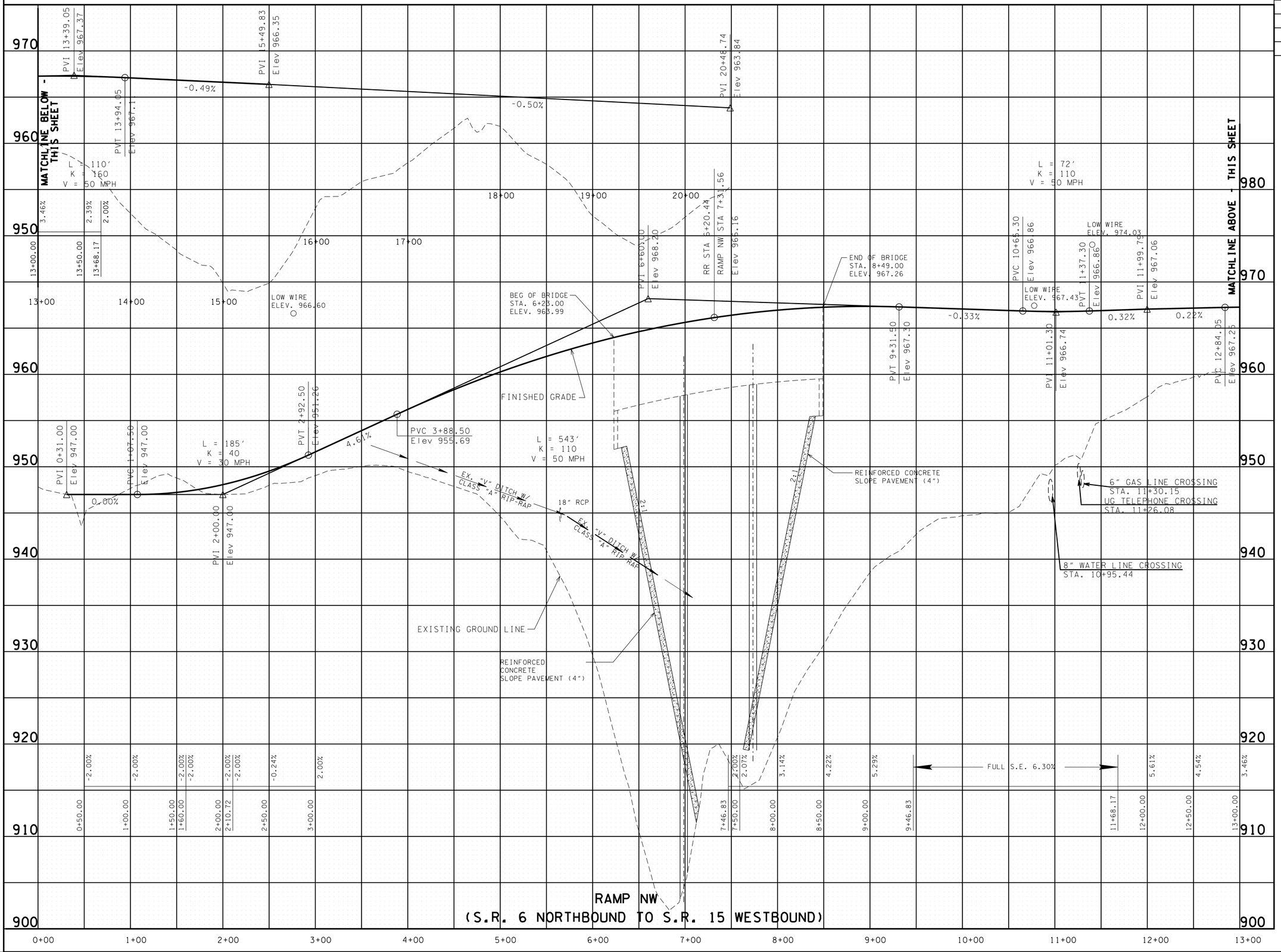
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	34



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILES

RAMP NW

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

4/30/2014 1:03:18 PM
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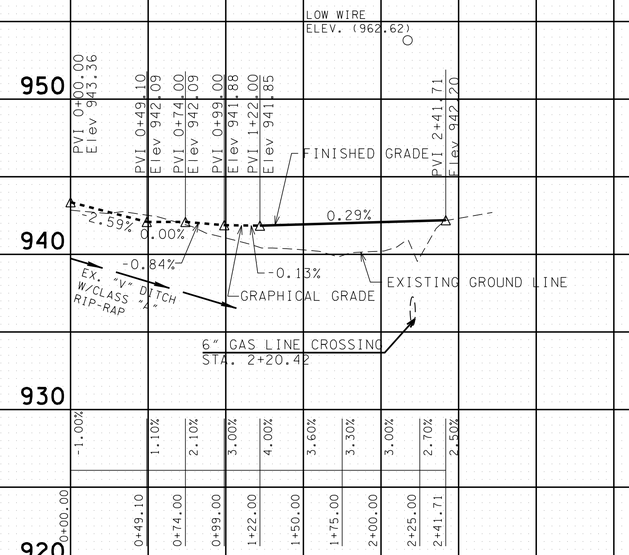
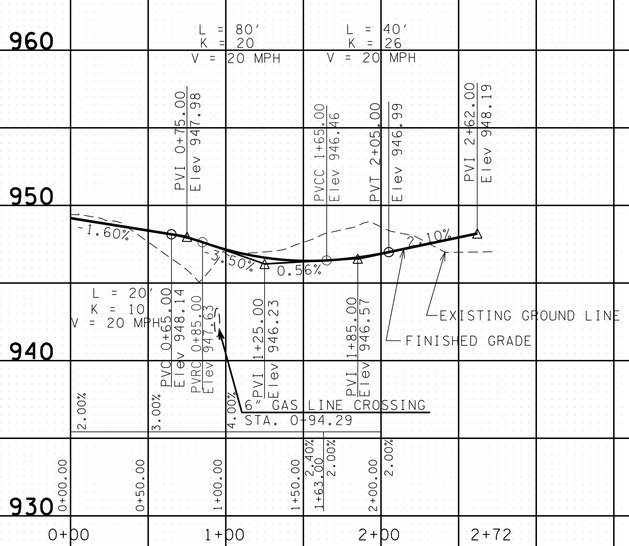
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	35



RAMP EN

(S.R. 15 EASTBOUND TO S.R. 6 NORTHBOUND)



RAMP SW

(S.R. 6 SOUTHBOUND TO S.R. 15 WESTBOUND)

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILES

RAMPS EN, & SW

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

4/30/2014 1:03:19 PM
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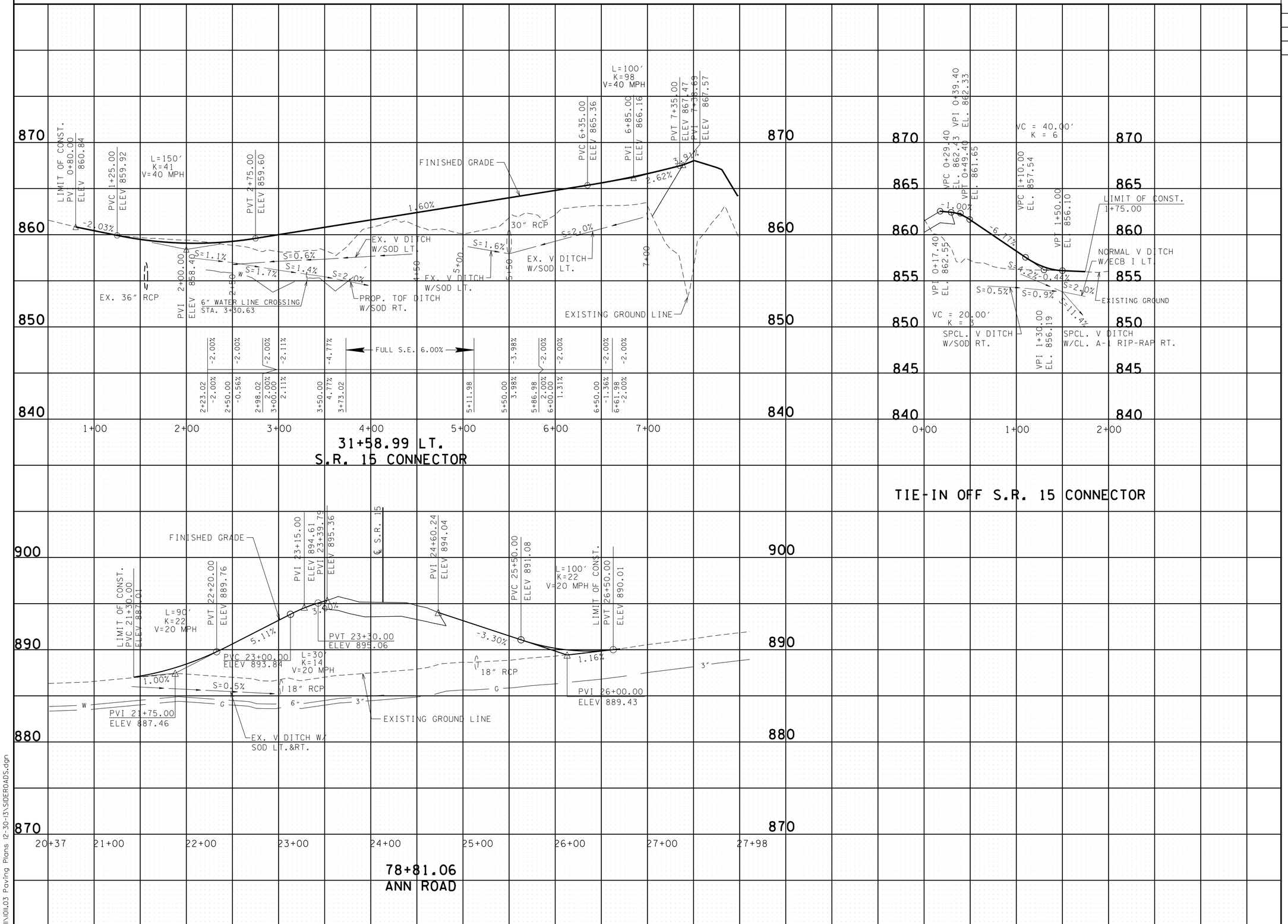
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	36



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

4/30/2014 1:03:20 PM
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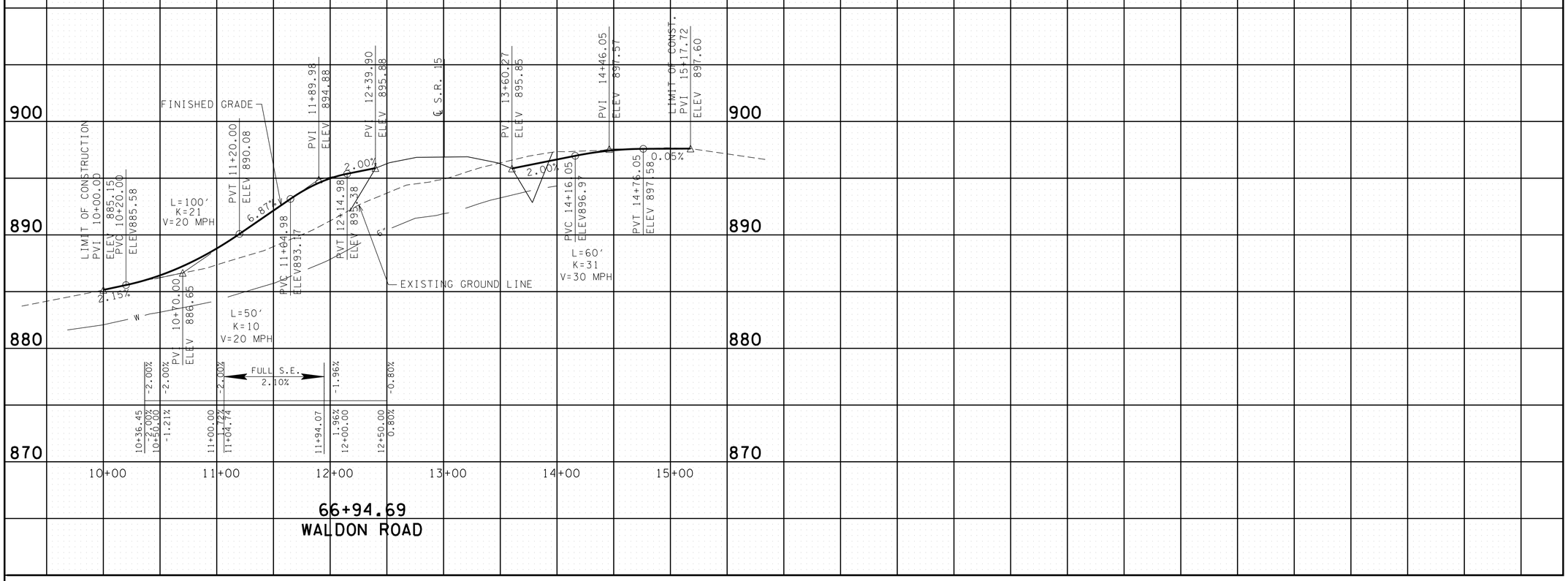
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	37



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

4/30/2014 1:03:20 PM
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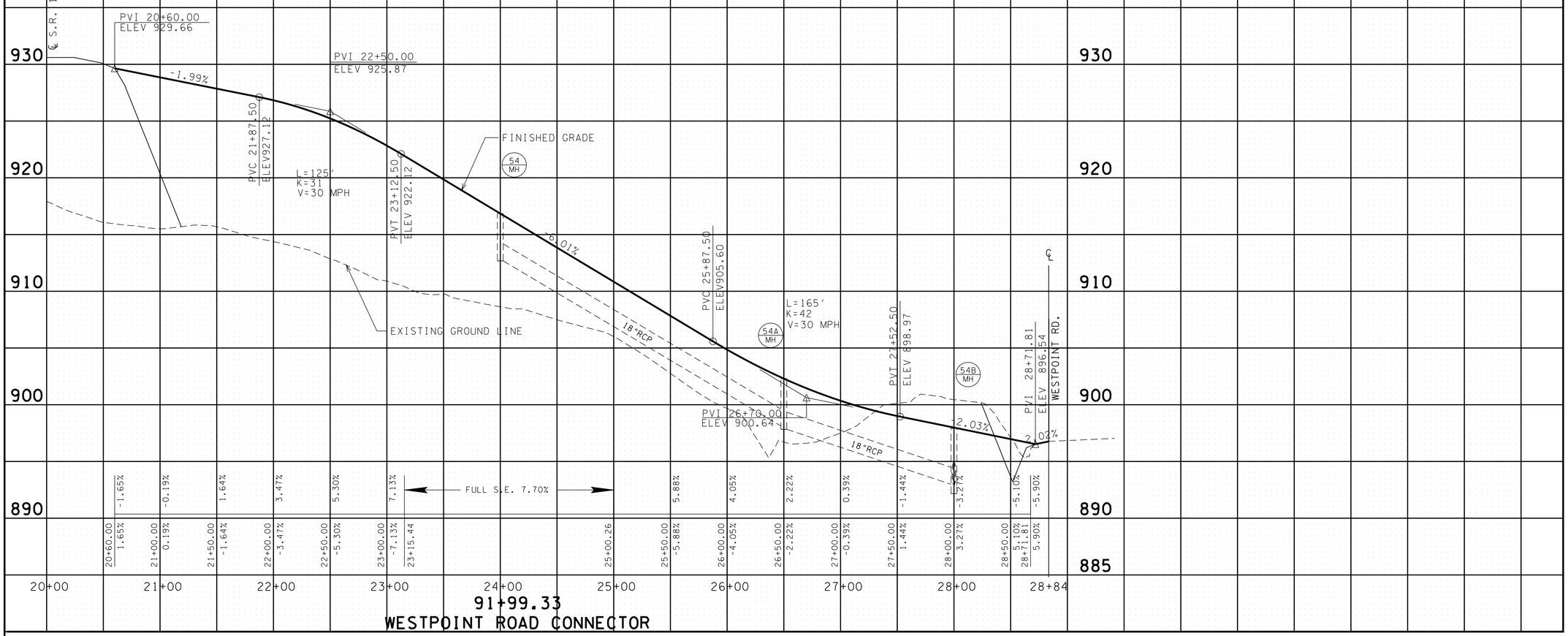
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	38



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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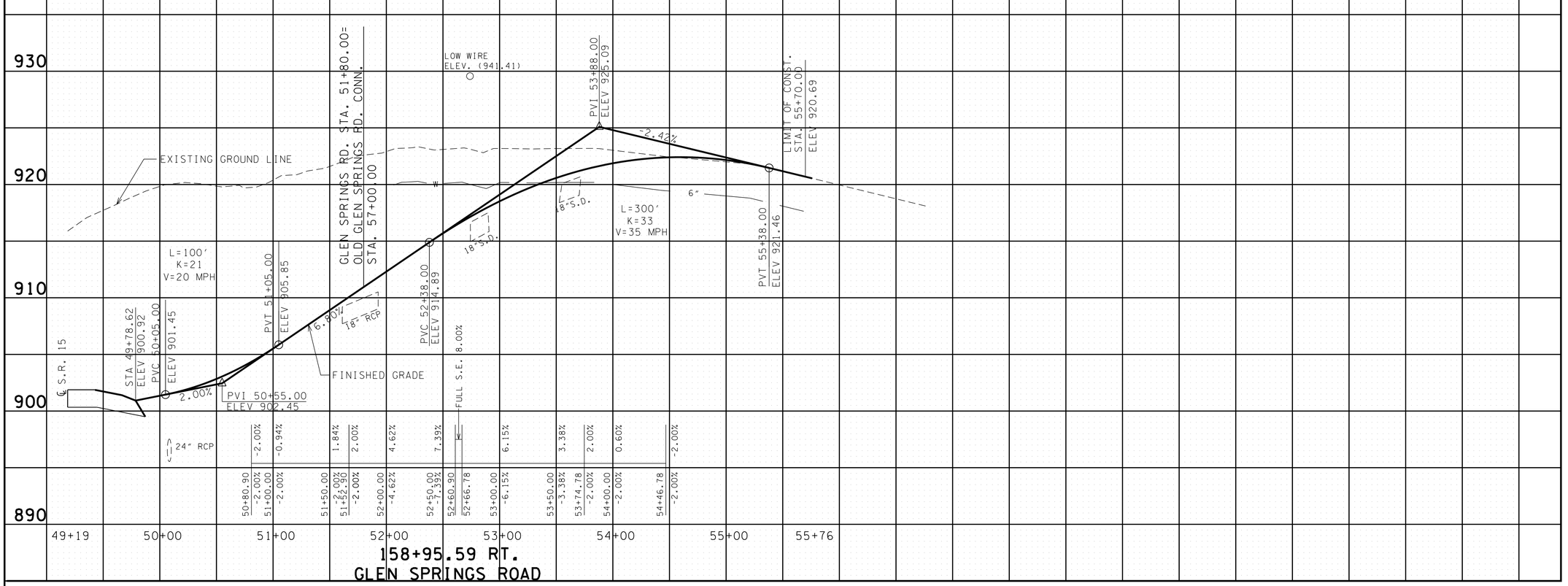
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	39



UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

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

4/30/2014 1:03:22 PM
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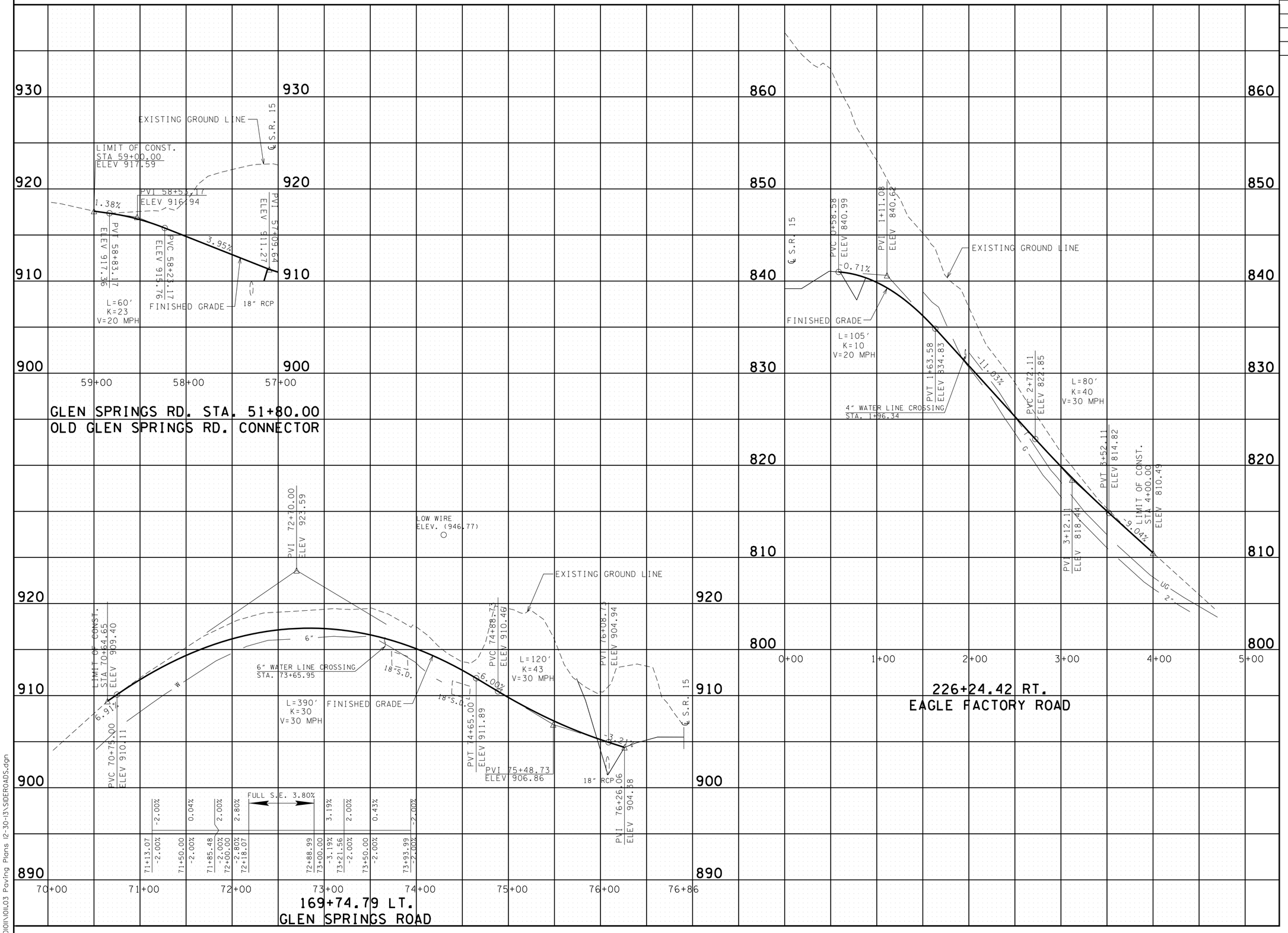
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	40



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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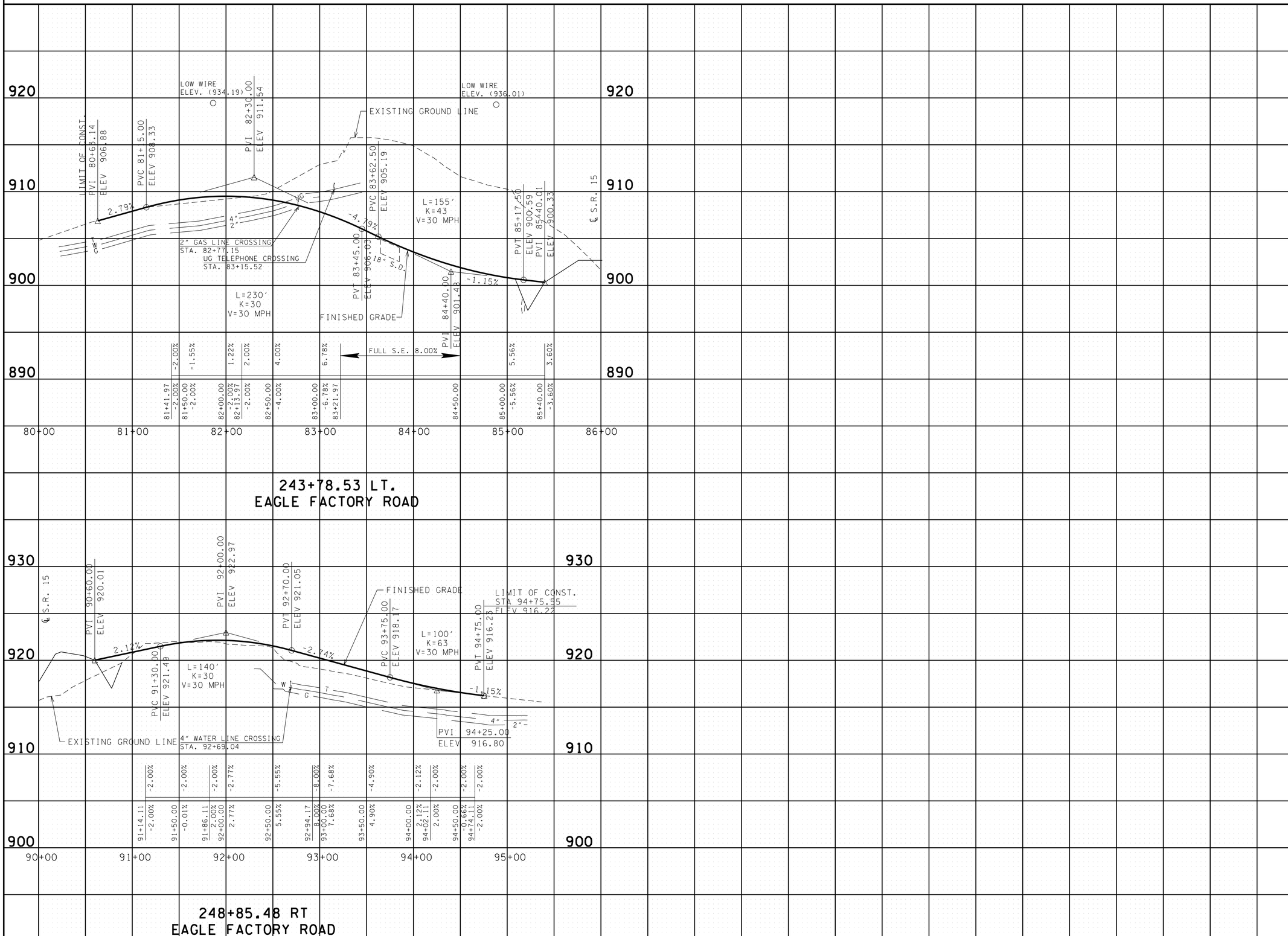
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	41



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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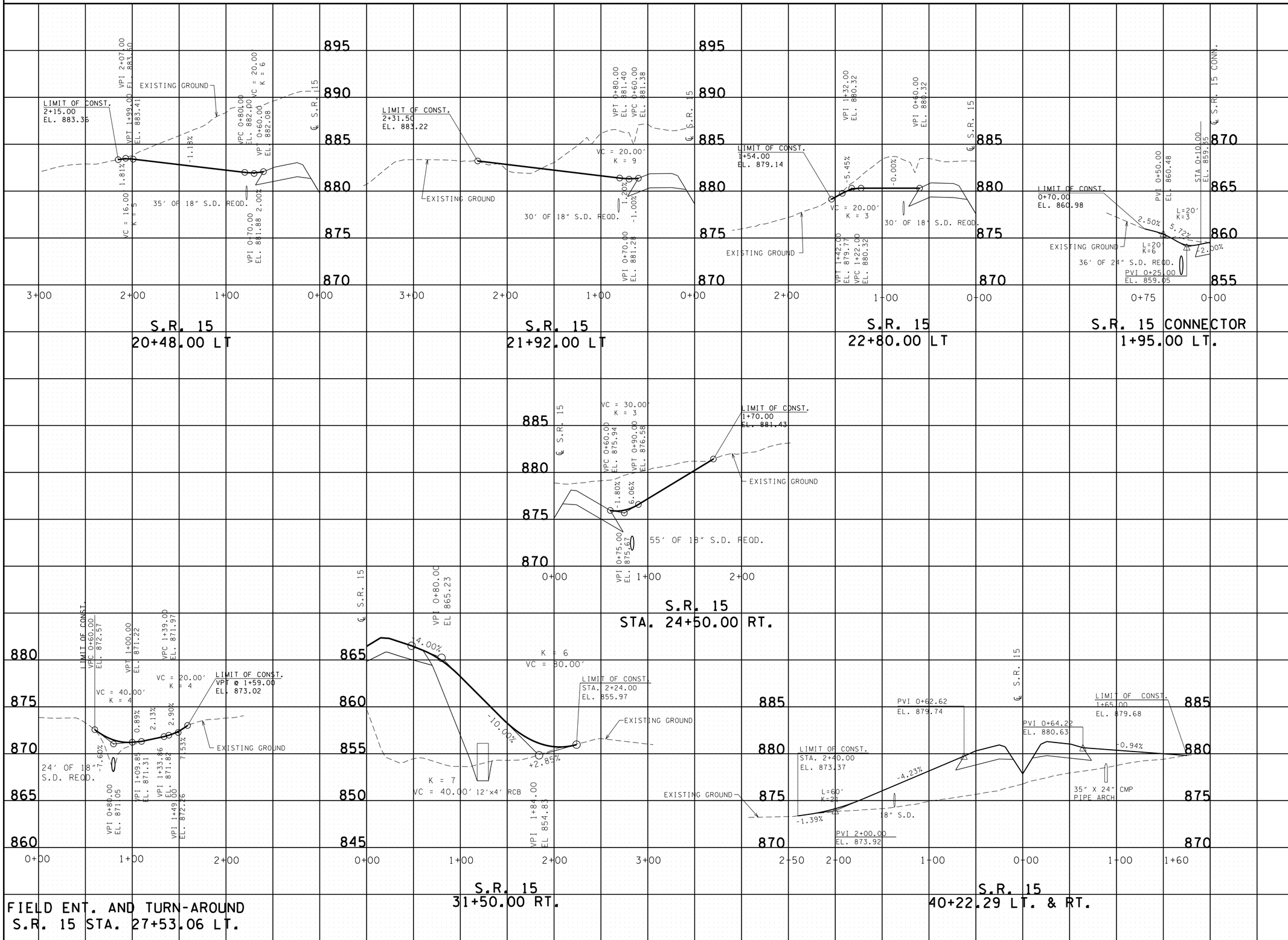
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	46



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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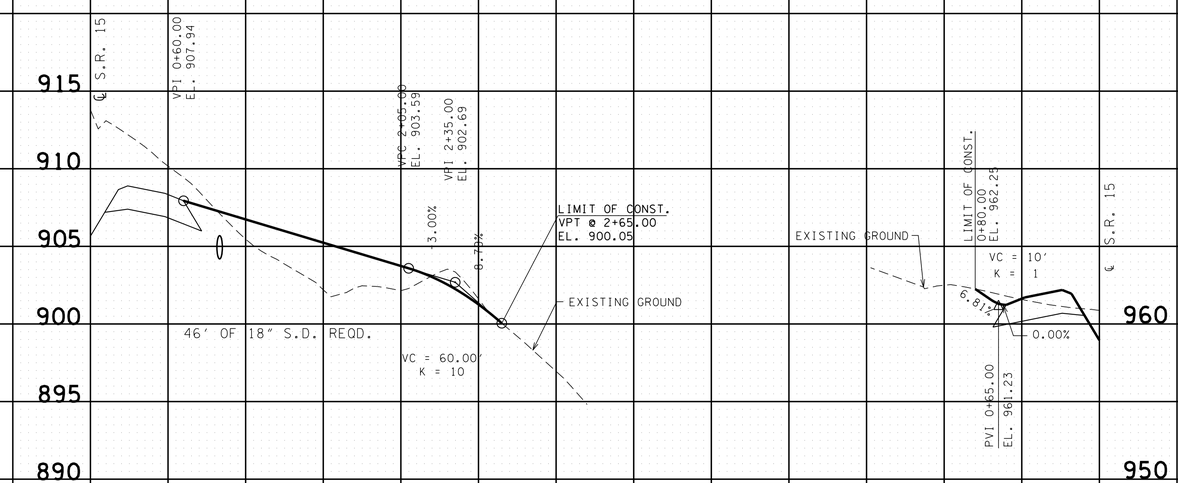
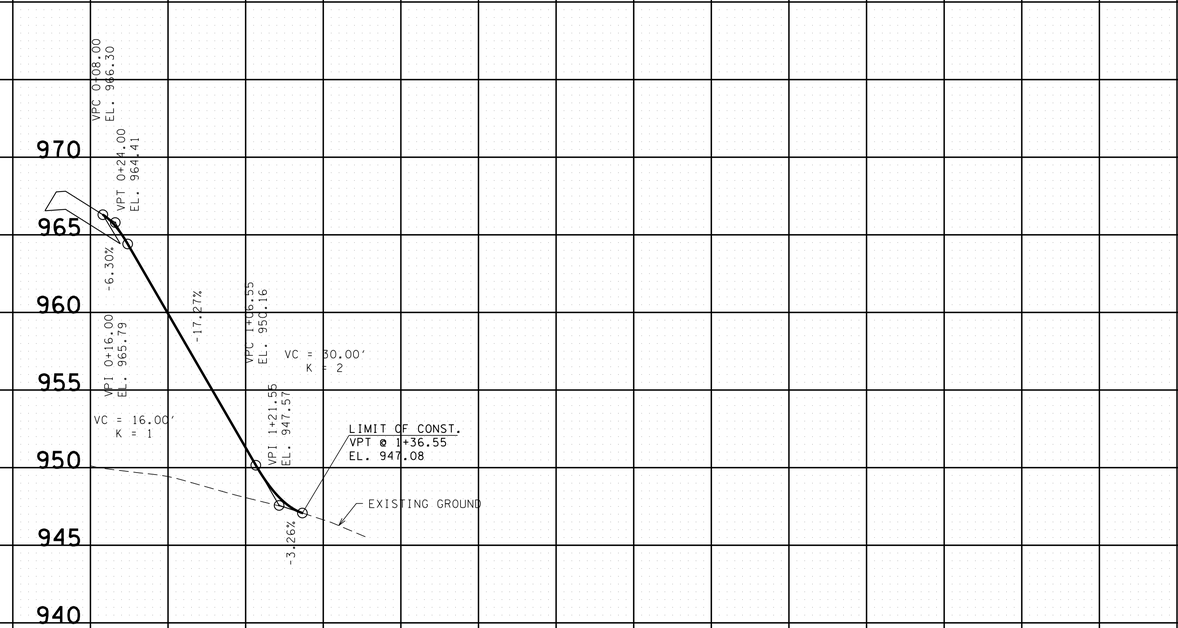
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	47



S.R. 15
STA. 166+09.00 RT.

S.R. 15
STA. 268+45.00 LT.
UCAR SUBSTATION



RAMP NW
STA. 11+00.00 RT.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

4/30/2014 1:03:25 PM
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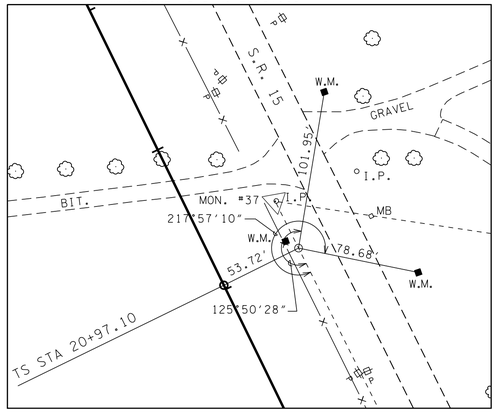
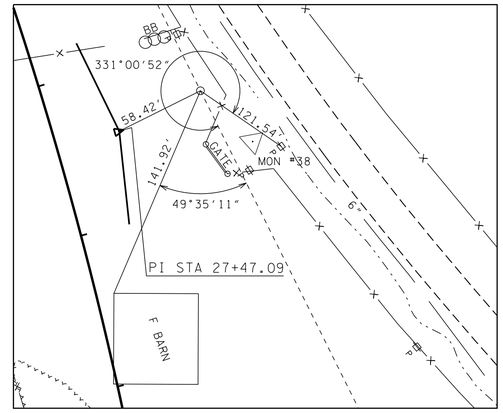
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	50

FOR REFERENCE ONLY

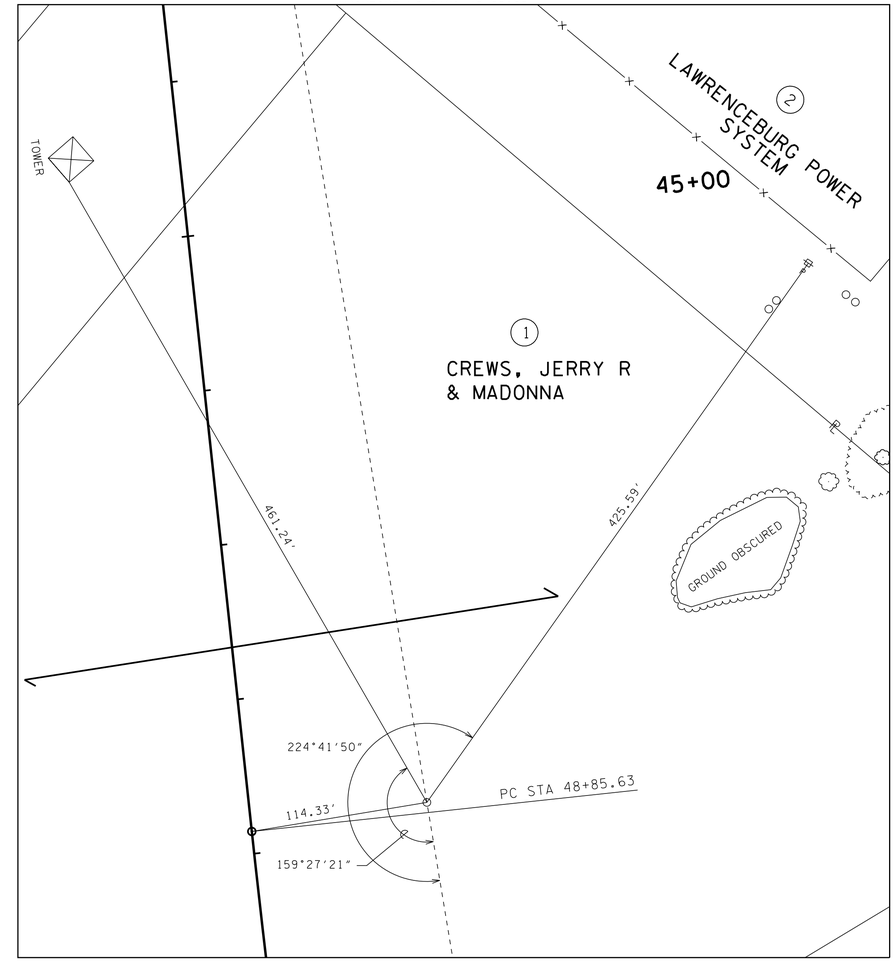
N 341156.85 E 1556182.11
CONTROL TRAVERSE STA. 3+14.76
MAINLINE TS STA. 20+97.10



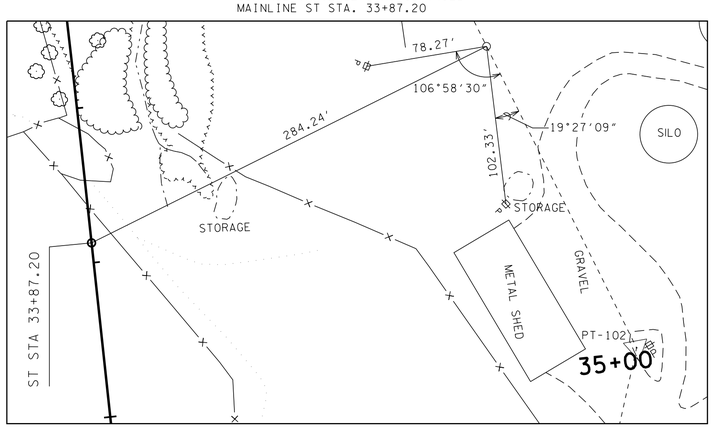
N 340574.95 E 1556471.68
CONTROL TRAVERSE STA. 9+64.73
MAINLINE PI STA. 27+47.09



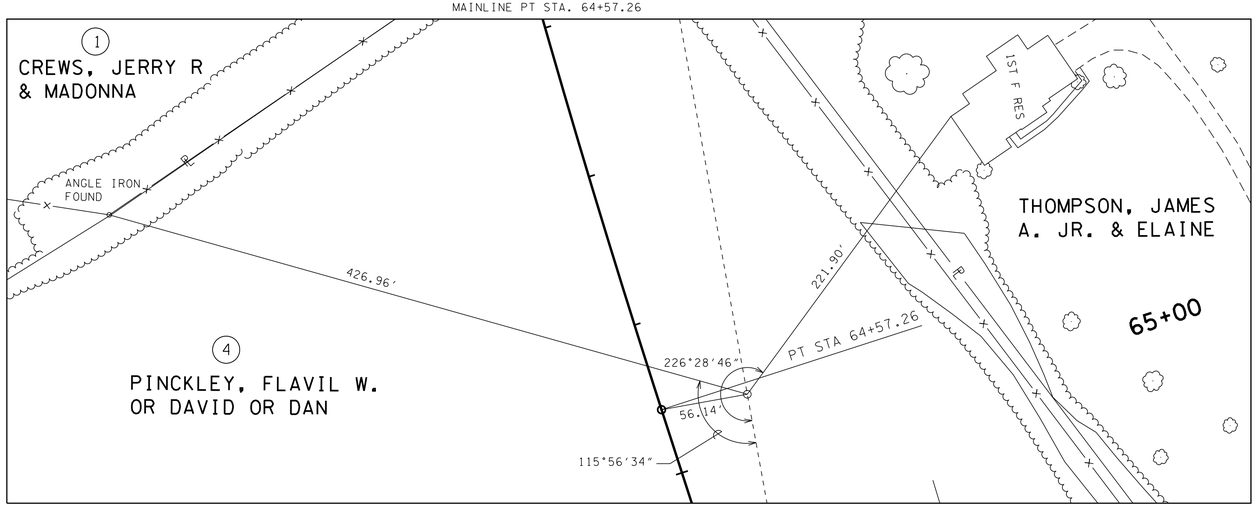
N 338431.50 E 1556761.47
CONTROL TRAVERSE STA. 32+22.59
MAINLINE PC STA. 48+85.63



N 340029.28 E 1556743.22
CONTROL TRAVERSE STA. 15+74.23
MAINLINE ST STA. 33+87.20



N 336888.29 E 1557030.66
CONTROL TRAVERSE STA. 47+89.14
MAINLINE PT STA. 64+57.26



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE POINTS

SCALE: 1"= 50'

4/30/2014 12:03:26 PM
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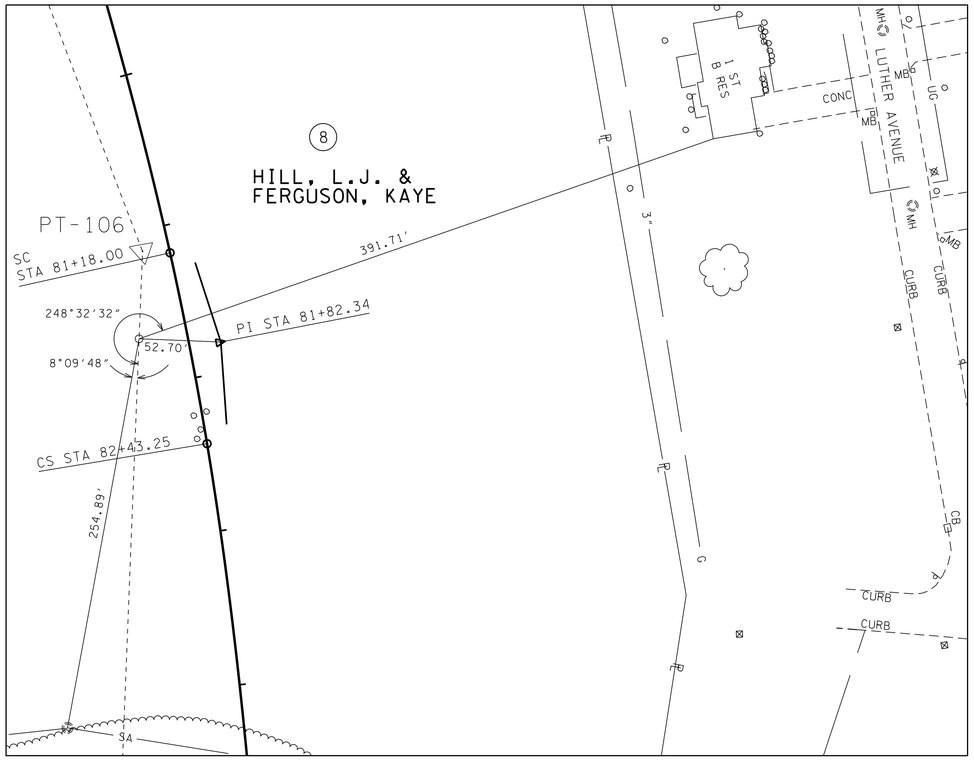
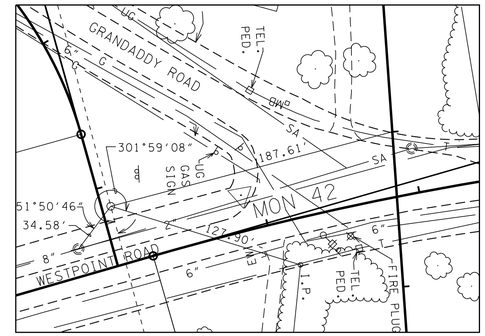
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	51

FOR REFERENCE ONLY

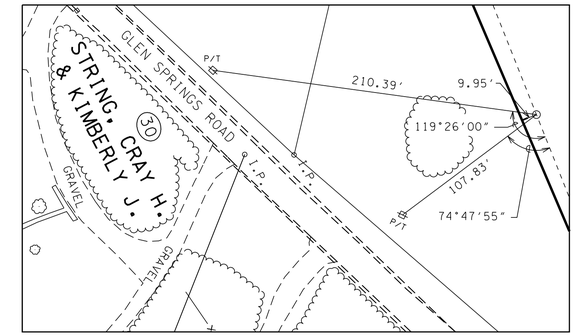
N 335238.94 E 1557453.37
CONTROL TRAVERSE STA. 65+01.23
MAINLINE PI STA. 81+82.34



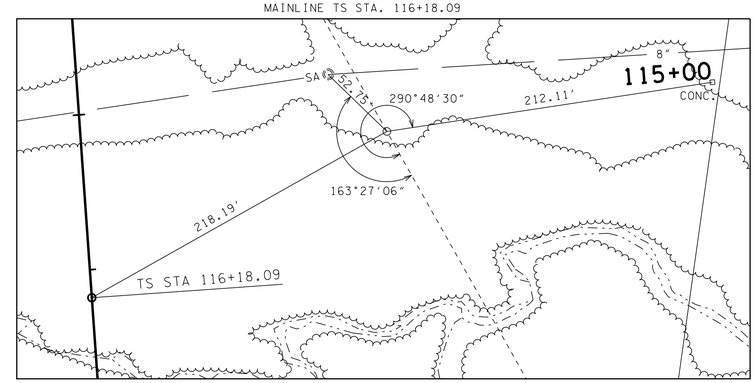
N 333671.59 E 1557431.64
CONTROL TRAVERSE STA. 80+89.16
MAINLINE POT STA. 97+00.00



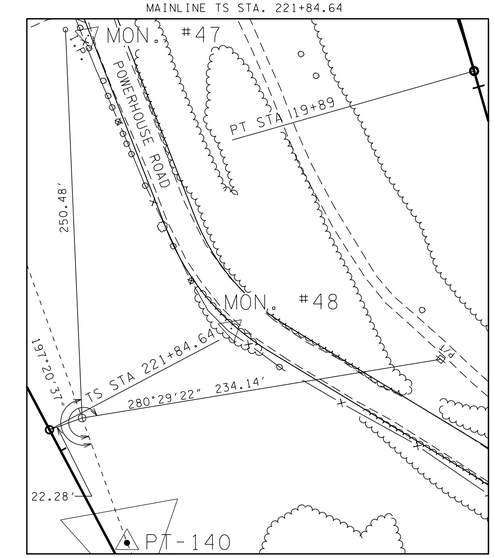
N 327414.07 E 1559306.21
CONTROL TRAVERSE STA. 147+93.85
MAINLINE POT STA. 163+00.00



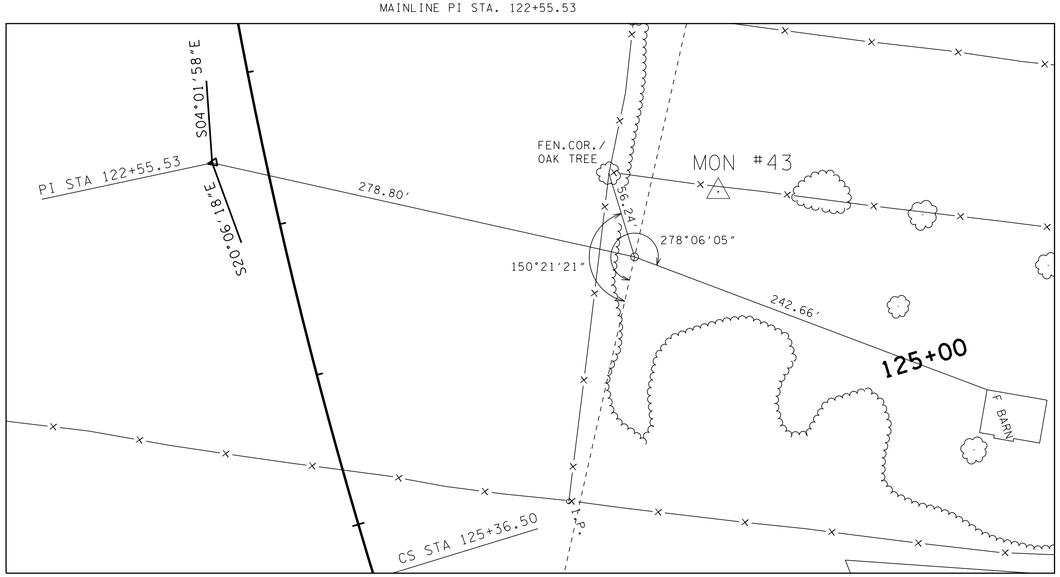
N 331913.34 E 1557937.99
CONTROL TRAVERSE STA. 99+69.80
MAINLINE TS STA. 116+18.09



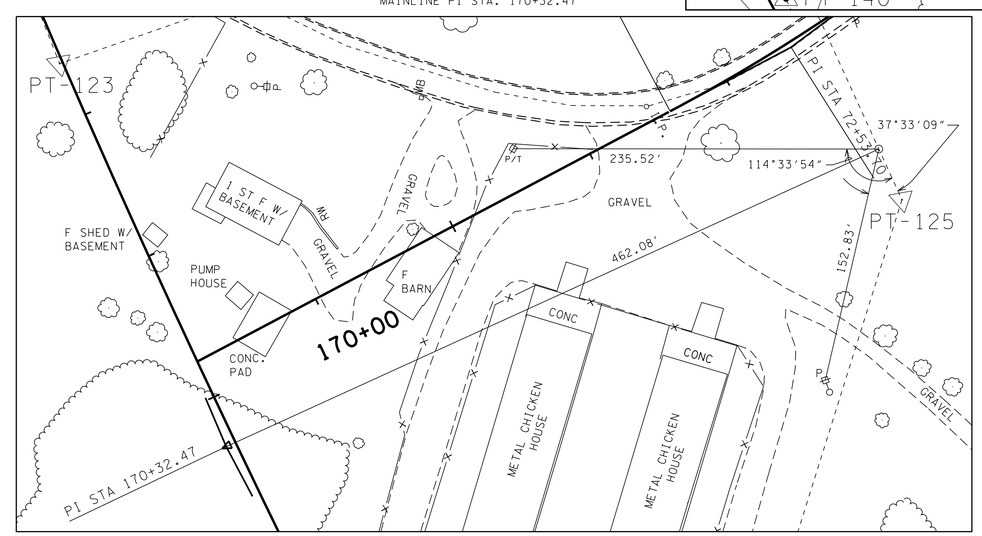
N 322193.84 E 1562009.06
CONTROL TRAVERSE STA. 213+06.27
MAINLINE TS STA. 221+84.64



N 331109.78 E 1558064.88
CONTROL TRAVERSE STA. 108+41.02
MAINLINE PI STA. 122+55.53



N 326928.38 E 1560004.73
CONTROL TRAVERSE STA. 159+42.93
MAINLINE PI STA. 170+32.47



UNOFFICIAL SET

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COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE POINTS

SCALE: 1"= 50'

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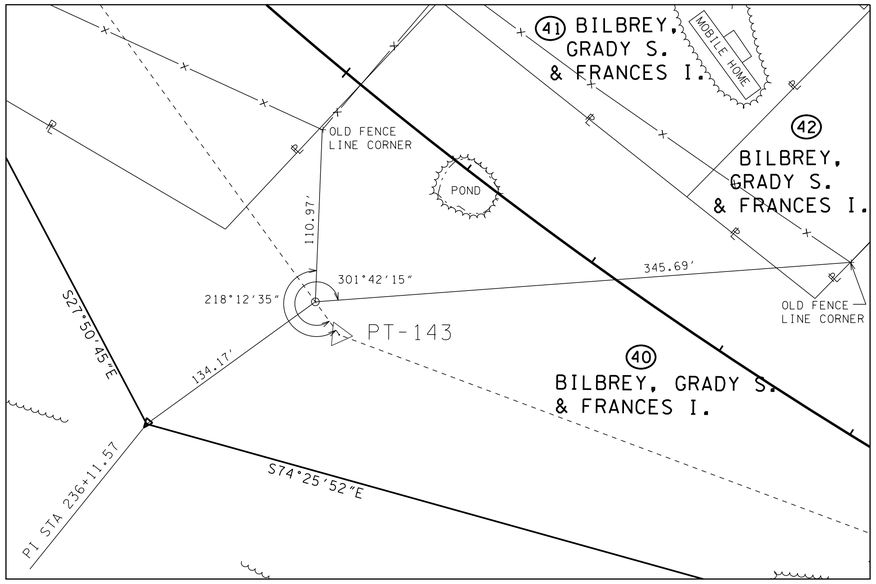
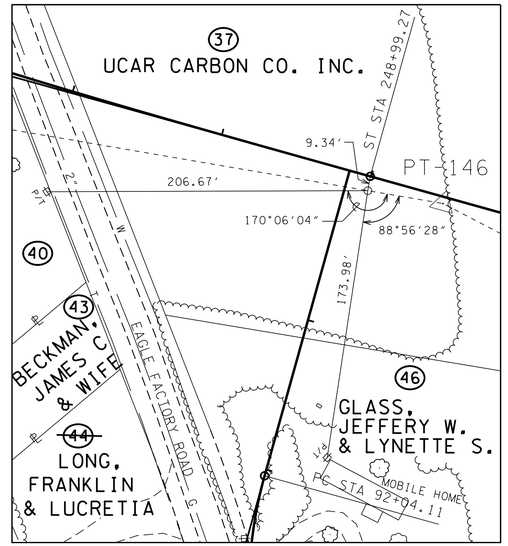
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	52

FOR REFERENCE ONLY

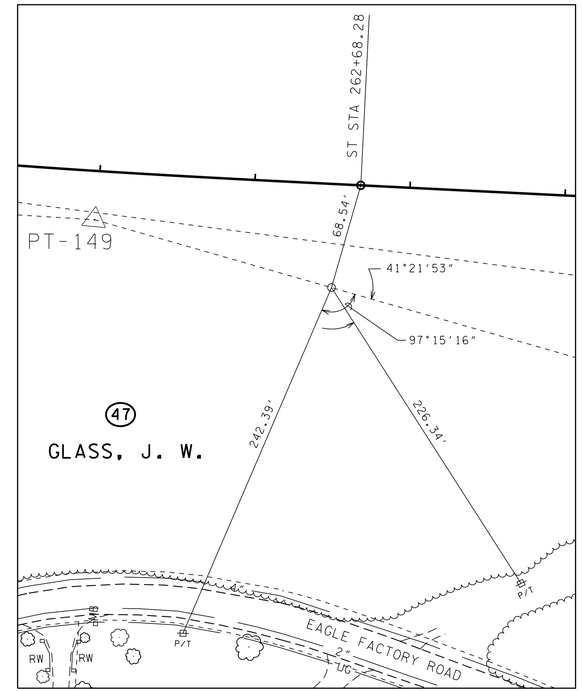
N 321003.31 E 1562763.26
CONTROL TRAVERSE STA. 227+27.09
MAINLINE PI STA. 236+11.57



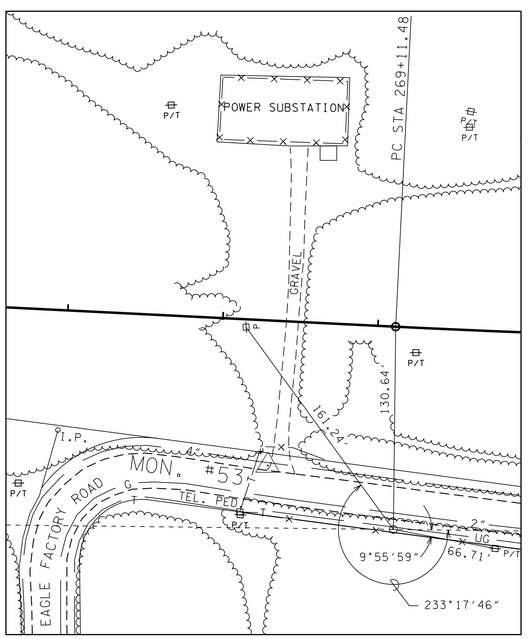
N 320532.41 E 1564027.61
CONTROL TRAVERSE STA. 240+90.11
MAINLINE ST STA. 248+99.27



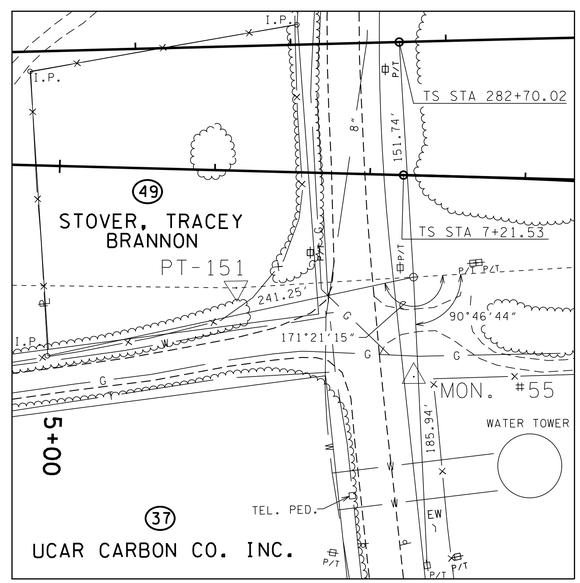
N 320214.02 E 1565349.09
CONTROL TRAVERSE STA. 254+73.35
MAINLINE ST STA. 262+68.28



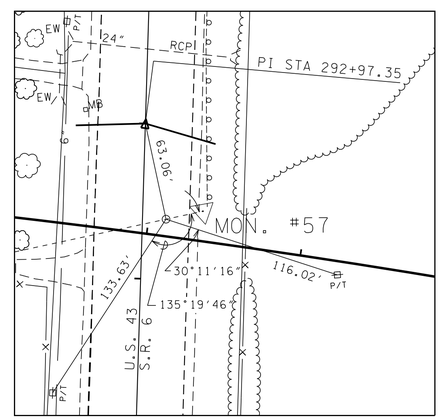
N 320117.39 E 1566008.88
CONTROL TRAVERSE STA. 261+46.20
MAINLINE PC STA. 269+11.48



N 320109.98 E 1567377.69
CONTROL TRAVERSE STA. 275+15.30
MAINLINE TS STA. 282+70.02



N 320226.42 E 1568408.78
CONTROL TRAVERSE STA. 285+55.64
MAINLINE PI STA. 292+97.35



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE POINTS

SCALE: 1"= 50'

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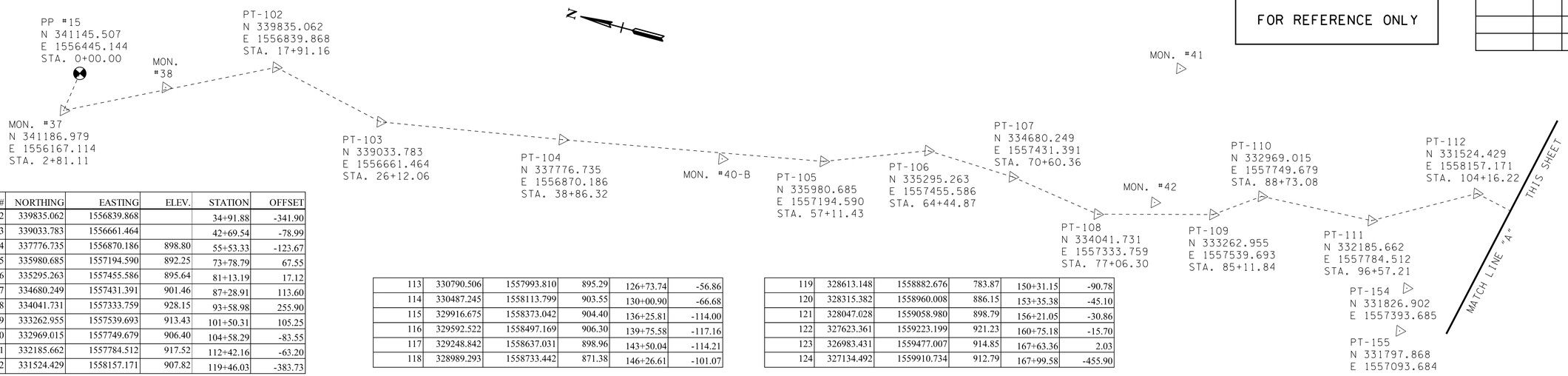
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	53

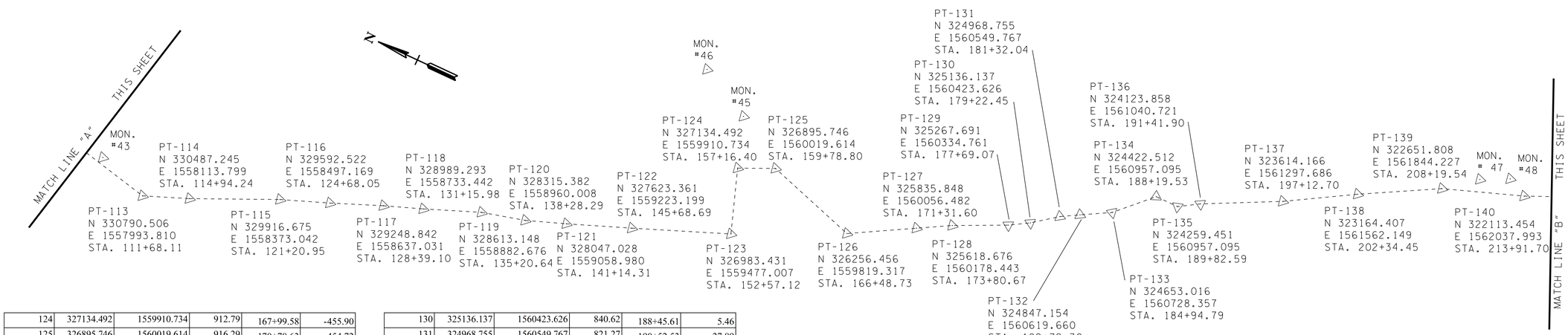
FOR REFERENCE ONLY



POINT #	NORTHING	EASTING	ELEV.	STATION	OFFSET
102	339835.062	1556839.868		34+91.88	-341.90
103	339033.783	1556661.464		42+69.54	-78.99
104	337776.735	1556870.186	898.80	55+53.33	-123.67
105	335980.685	1557194.590	892.25	73+78.79	67.55
106	335295.263	1557455.586	895.64	81+13.19	17.12
107	334680.249	1557431.391	901.46	87+28.91	113.60
108	334041.731	1557333.759	928.15	93+58.98	255.90
109	333262.955	1557539.693	913.43	101+50.31	105.25
110	332969.015	1557749.679	906.40	104+58.29	-83.55
111	332185.662	1557784.512	917.52	112+42.16	-63.20
112	331524.429	1558157.171	907.82	119+46.03	-383.73

113	330790.506	1557993.810	895.29	126+73.74	-56.86
114	330487.245	1558113.799	903.55	130+00.90	-66.68
115	329916.675	1558373.042	904.40	136+25.81	-114.00
116	329592.522	1558497.169	906.30	139+75.58	-117.16
117	329248.842	1558637.031	898.96	143+50.04	-114.21
118	328989.293	1558733.442	871.38	146+26.61	-101.07

119	328613.148	1558882.676	783.87	150+31.15	-90.78
120	328315.382	1558960.008	886.15	153+35.38	-45.10
121	328047.028	1559058.980	898.79	156+21.05	-30.86
122	327623.361	1559223.199	921.23	160+75.18	-15.70
123	326983.431	1559477.007	914.85	167+63.36	2.03
124	327134.492	1559910.734	912.79	167+99.58	-455.90

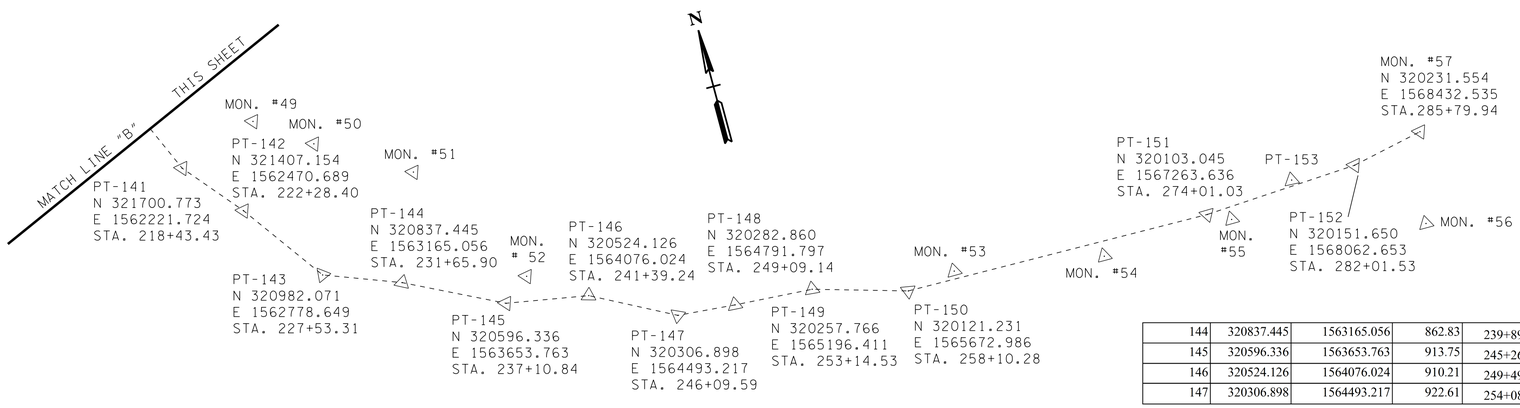


124	327134.492	1559910.734	912.79	167+99.58	-455.90
125	326895.746	1560019.614	916.29	170+78.63	-454.72
126	326256.456	1559819.317	896.83	175+72.75	16.50
127	325835.848	1560056.482	853.45	180+55.43	3.26
128	325618.676	1560178.443	861.30	183+04.42	-3.14
129	325267.691	1560344.761	863.44	186+92.45	13.74

130	325136.137	1560423.626	840.62	188+45.61	5.46
131	324968.755	1560549.767	821.27	190+52.53	-27.89
132	324847.154	1560619.660	852.41	191+92.70	-32.89
133	324653.016	1560728.357	868.65	194+15.13	-38.32
134	324422.512	1560957.095	844.55	197+25.79	-132.91
135	324259.451	1560957.095	859.39	198+69.96	-56.74

136	324123.858	1561040.721	846.16	200+28.92	-67.35
137	323614.166	1561297.686	743.24	205+99.62	-56.49
138	323164.407	1561562.149	789.81	211+20.83	-80.25
139	322651.808	1561844.227	888.78	217+05.83	-90.23

140	322113.454	1562037.993	893.75	222+72.39	-9.99
141	321700.773	1562221.724	859.70	227+18.79	43.01
142	321407.154	1562470.689	866.83	230+98.94	30.78
143	320982.071	1562778.649	876.12	235+99.7	134.61



144	320837.445	1563165.056	862.83	239+89.77	39.58
145	320596.336	1563653.763	913.75	245+26.32	55.99
146	320524.126	1564076.024	910.21	249+49.09	4.27
147	320306.898	1564493.217	922.61	254+08.67	101.78

148	320282.86	1564791.797	940.31	256+99.29	55.21
149	320257.766	1565196.411	910.84	260+98.47	31.42
150	320121.231	1565672.986	948.13	265+80.79	143.37
151	320103.045	1567263.636	965.14	281+61.11	155.63
152	320151.65	1568062.653	948.20	289+71.96	99.22
153	320161.894	1567729.154	925.80	286+32.37	103.75
MON37	341186.979	1556167.114	890.51	20+63.06	53.47
MON38	340542.25	1556505.290	871.41	27+70.98	-122.54
MON40B	336668.01	1557028.250	895.05	66+73.62	14.41
MON41	333748.94	1558462.960	887.32	97+30.46	-849.91
MON42	333678.68	1557515.500	912.77	97+33.92	100.14
MON43	331151.75	1558118.740	919.19	123+46.72	-279.62
MON45	327249.112	1560253.489	897.8	168+36.51	-815.73
MON46	327615.641	1560441.861	900.45	165+60.37	-1133.64
MON47	322440.287	1562013.015	912.25	219+71.70	-140.67
MON48	322251.525	1562105.217	903.81	221+81.67	-134.03
MON49	321839.243	1562636.685	895.61	228+59.42	-374.02
MON50	321646.478	1562909.895	907.42	232+39.60	-452.27
MON51	321373.091	1563367.870	905.48	238+78.05	-524.08
MON52	320703.169	1563792.395	920.13	246+24.74	-89.00
MON53	320158.663	1565928.026	957.13	268+33.66	93.34
MON54	320032.529	1566694.894	966.52	275+90.74	211.39
MON57	320231.554	1568432.535	938.33	293+33.96	-19.25
PP15	341145.507	1556445.144	883.16	22+20.29	-285.38

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL TRAVERSE

SCALE: 1"= 400'

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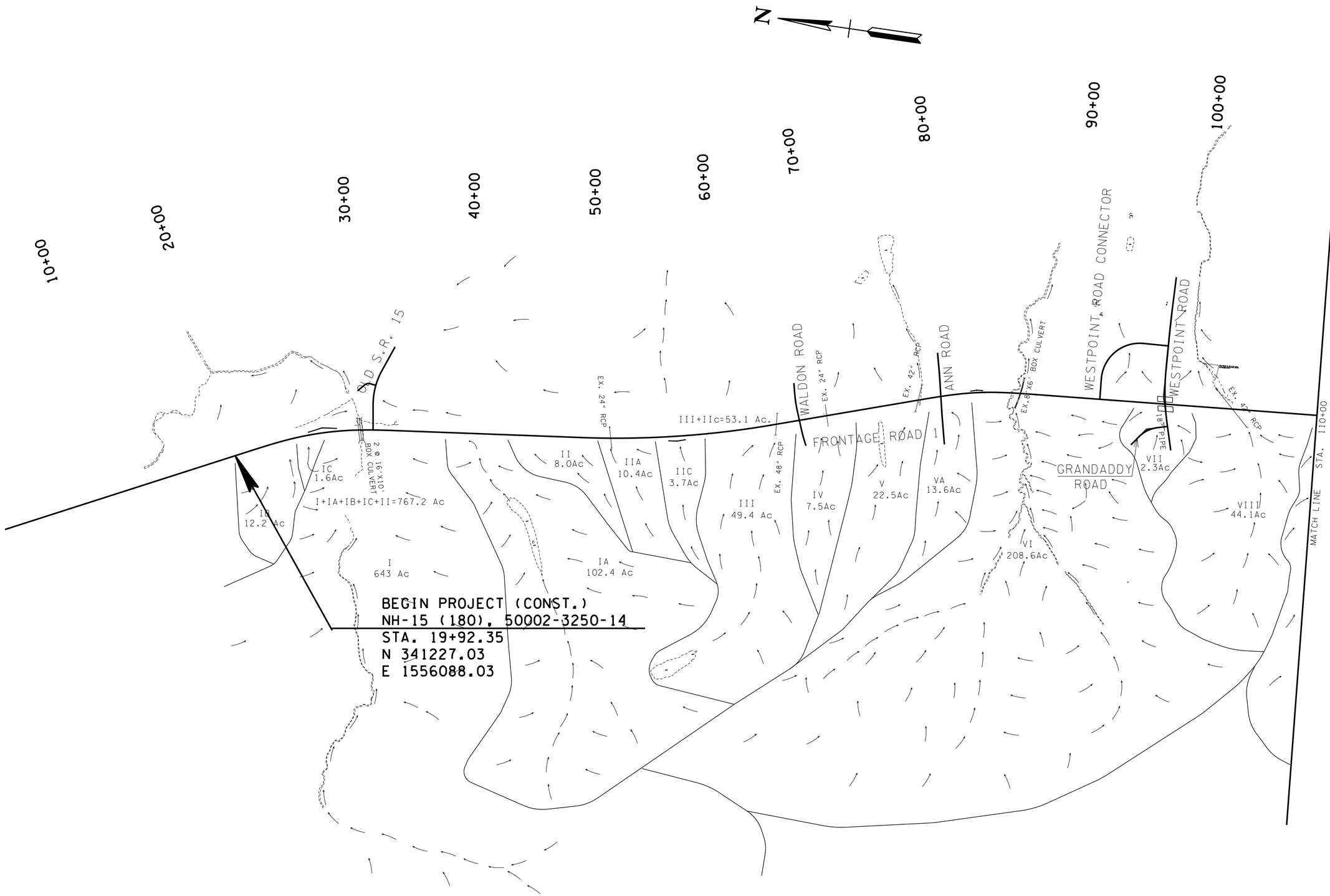
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	54



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.19+92.35 TO STA.110+00

SCALE: 1"=400'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	85

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

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

NPDES

(1) 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.

(2) 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.

(3) 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.

(4) 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.

(5) 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.

(6) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SUPPORT ACTIVITIES; TDOT PROJECTS ARE COVERED UNDER THE "WASTE AND BORROW" MANUAL PER THE SSWMP.

(7) 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

(8) RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND MAINTAINED.

(9) 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

(10) 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).

(11) 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.

(12) 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.

(13) 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.

(14) 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.

(15) 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.

(16) THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS (AS APPROVED BY THE TDOT PROJECT ENGINEER).

(17) 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.

LITTER, DEBRIS, WASTE, PETROLEUM

(18) THE CONTRACTOR SHALL MAINTAIN A COMPLETE AND COMPREHENSIVE EROSION PREVENTION AND SEDIMENT CONTROL PLAN TO PREVENT ROADWAY AND/OR CONSTRUCTION SEDIMENT OR DEBRIS AND ANY PETROLEUM BASED PRODUCTS OR CHLORINATED SOLVENTS, PAINTS OR COATINGS ETC. FROM FALLING ONTO THE RAILROAD'S RIGHTS-OF-WAY AND/OR FROM ENTERING THE DRAINAGE DITCHES OR DRAINAGE STRUCTURES OF THE RAILROAD, AND ANY SEDIMENT OR DEBRIS OR PETROLEUM BASED PRODUCTS OR CHLORINATED SOLVENTS, ETC. THAT DO ENTER SUCH DRAINAGE AREAS OF THE RAILROAD'S RIGHTS-OF-WAY ARE TO BE REMOVED IN ACCORDANCE WITH RULES SET FORTH BY THE TENNESSEE SOUTHERN RAILROAD AND AT THE CONTRACTOR'S EXPENSE.

SPECIAL EPSC NOTES

(19) ALL TOE OF FILL DITCHES (SOD OR RIP-RAP) SHALL BE CONSTRUCTED AS SOON AS THE SLOPE IS HIGH ENOUGH TO INSTALL THE PROPER LINING AS DIRECTED BY THE PROJECT ENGINEER.

(20) ALL SLOPES, EXCEPT THOSE 6:1 OR FLATTER, ARE TO BE DRESSED, TOPSOILED, SEEDED AND COVERED WITH EROSION CONTROL BLANKET TYPE II UNLESS OTHERWISE NOTED ON THE PLANS FOR ECB TYPE III. THIS SLOPE PROTECTION MUST BE APPLIED AS WORK PROGRESSES AND AS DIRECTED TO MINIMIZE SOIL LOSS. THE CONTRACTOR SHALL APPLY THE NECESSARY WATERING TO ENSURE GOOD GRASS GROWTH.

(21) THE NON RIP-RAP OR ROCK DITCHES ARE TO BE DRESSED, TOPSOILED AND SEEDED AND COVERED WITH ECB TYPE II, UNLESS OTHERWISE NOTED ON PLANS, AS SHOWN AS SOON AS POSSIBLE AND AS DIRECTED. EFFECTIVE WATERING MUST BE USED TO ENSURE GOOD GRASS GROWTH AND MINIMIZE SOIL LOSS.

(22) THE CONTRACTOR SHALL BE READY TO INSTALL ALL TEMPORARY DITCH CHECKS AND ENHANCED ROCK CHECK DAMS IN DITCHES AND AT PIPE INLETS AS SOON AS FINAL DITCH GRADES ARE REACHED AND PIPE INLETS INSTALLED. INTERMEDIATE EPSC MEASURES MAY ALSO BE REQUIRED BEFORE FINAL GRADES ARE ACHIEVED.

(23) PERMANENT DITCH LININGS ARE TO BE INSTALLED AS QUICKLY AS POSSIBLE, ALONG WITH THE TEMPORARY MEASURES FOR VELOCITY AND SEDIMENT CONTROLS NAMED IN NO. 22 ABOVE.

(24) ALL DRAINAGE STRUCTURES NEAR A POTENTIAL RUNNING STREAM ARE TO BE CONSTRUCTED IN THE DRY SEASON AS DIRECTED BY THE PROJECT ENGINEER.

(25) AS SOON AS THE SUB-GRADE OF ANY ROADWAY, MAINLINE OR SIDE ROAD IS REACHED, IT SHALL BE STABILIZED WITH 3" – 4" OF ITEM 303-01 TO REDUCE THE POSSIBILITY OF SOIL EROSION AS DIRECTED BY THE PROJECT ENGINEER.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC QUANTITIES & LEGEND

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	85A

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

EROSION CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	PHASE 1 QUANTITY	PHASE 2 QUANTITY	TOTAL
(1)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	15		15
	209-05	SEDIMENT REMOVAL	C.Y.		115	115
	209-08.02	TEMPORARY SILT FENCE (W/ BACKING)	L.F.	121	412	533
	209-08.03	TEMPORARY SILT FENCE (W/O BACKING)	L.F.	854		854
	209-08.07	ROCK CHECK DAM PER	EACH	13	16	29
	209-08.08	ENHANCED ROCK CHECK DAM	EACH	5	7	12
	209-40.32	CATCH BASIN PROTECTION (TYPE C)	EACH	1	1	2
(2)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	34		34
(3)	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	30		30
(4)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	122		222
(5)	709-05.05	MACHINED RIPRAP (CLASS A-3)	TON	100		100
(6)	709-05.06	MACHINED RIPRAP (CLASS A-1)	TON	10		10
(7)	740-10.03	GEOTEXTILE TYPE III (EROSION CONTROL)	S.Y.	298		298
	740-11.02	SEDIMENT TUBE (12")	L.F.		260	260
	740-11.03	SEDIMENT TUBE (18")	L.F.	1608	885	2493
(9)	801-01	SEEDING (WITH MULCH)	UNIT		250	250
(9)	801-03	WATER (SEEDING & SODDING)	M.G.		20	20
(9)	801-07	SEED (SUPPLEMENTAL APPLICATION)	LB.		10	10
(9)	801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON		1	1
(8)(9)	803-01	SODDING (NEW SOD)	S.Y.		9362	9362

(1) 15 C.Y. FOR CONSTRUCTION EXITS.
(2) 28 TONS FOR CULVERT PROTECTION.
(3) 30 L.F. FOR CONSTRUCTION EXITS.
(4) INCLUDES 122 L.F. FOR BUFFER PROTECTECTION AND 100 FT TO BE USED AS DIRECTED BY PROJECT ENGINEER.
(5) FOR TEMPORARY CONSTRUCTION EXITS.
(6) 5 TONS FOR CULVERT PROTECTION.
(7) INCLUDES 147 S.Y. FOR T.C.E., 151 S.Y. FOR CULVERT PROTECTION.
(8) TO BE APPLIED TO ALL DISTURBED AREAS OF PVT. DRIVES AND FLD. ENTRANCES.
(9) TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1
C	CATCH BASIN PROTECTION (TYPE C)	EC-STR-19

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DEPARTMENT OF TRANSPORTATION

EPSC QUANTITIES & LEGEND

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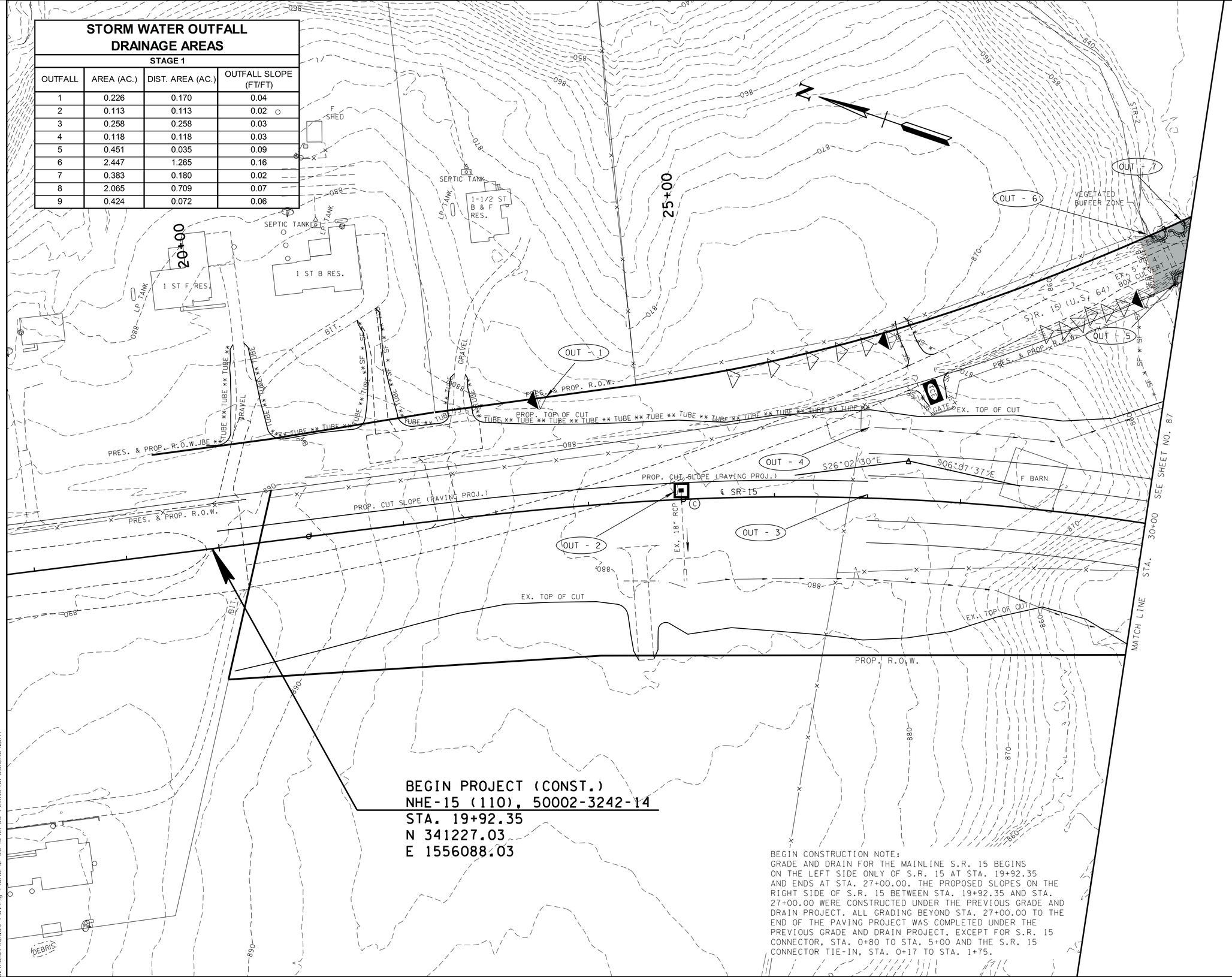
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	86

STORM WATER OUTFALL DRAINAGE AREAS

STAGE 1

OUTFALL	AREA (AC.)	DIST. AREA (AC.)	OUTFALL SLOPE (FT/FT)
1	0.226	0.170	0.04
2	0.113	0.113	0.02
3	0.258	0.258	0.03
4	0.118	0.118	0.03
5	0.451	0.035	0.09
6	2.447	1.265	0.16
7	0.383	0.180	0.02
8	2.065	0.709	0.07
9	0.424	0.072	0.06



BEGIN PROJECT (CONST.)
NHE-15 (110), 50002-3242-14
STA. 19+92.35
N 341227.03
E 1556088.03

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC
PHASE I

BEGIN PROJ. TO STA. 30+00

SCALE: 1"= 50'

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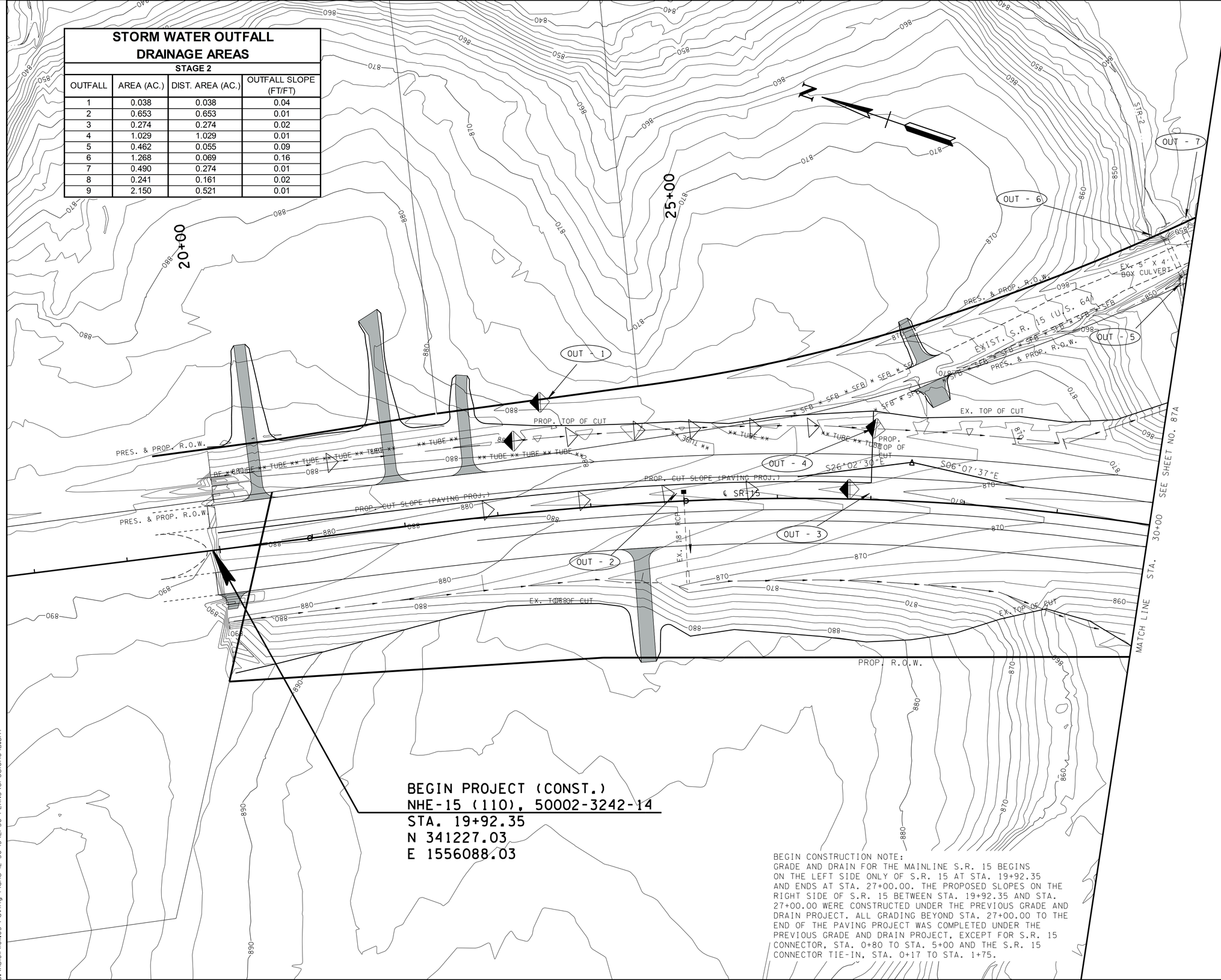
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	86A

STORM WATER OUTFALL DRAINAGE AREAS

STAGE 2

OUTFALL	AREA (AC.)	DIST. AREA (AC.)	OUTFALL SLOPE (FT/FT)
1	0.038	0.038	0.04
2	0.653	0.653	0.01
3	0.274	0.274	0.02
4	1.029	1.029	0.01
5	0.462	0.055	0.09
6	1.268	0.069	0.16
7	0.490	0.274	0.01
8	0.241	0.161	0.02
9	2.150	0.521	0.01



BEGIN PROJECT (CONST.)
NHE-15 (110), 50002-3242-14
STA. 19+92.35
N 341227.03
E 1556088.03

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC
PHASE II

BEGIN PROJ. TO STA. 30+00

SCALE: 1"= 50'

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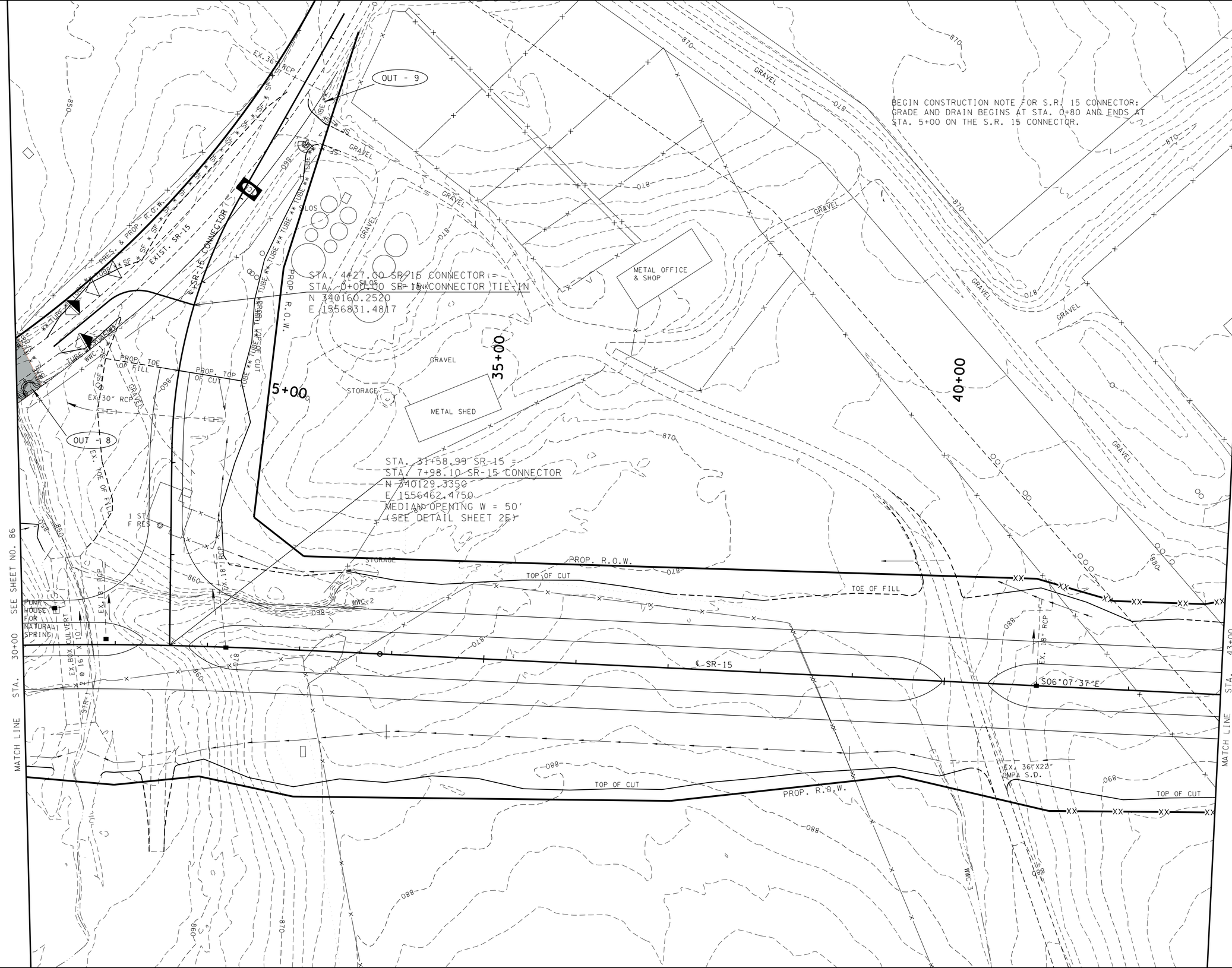
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	87



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC
PHASE I

STA. 30+00 TO STA. 43+00

SCALE: 1"= 50'

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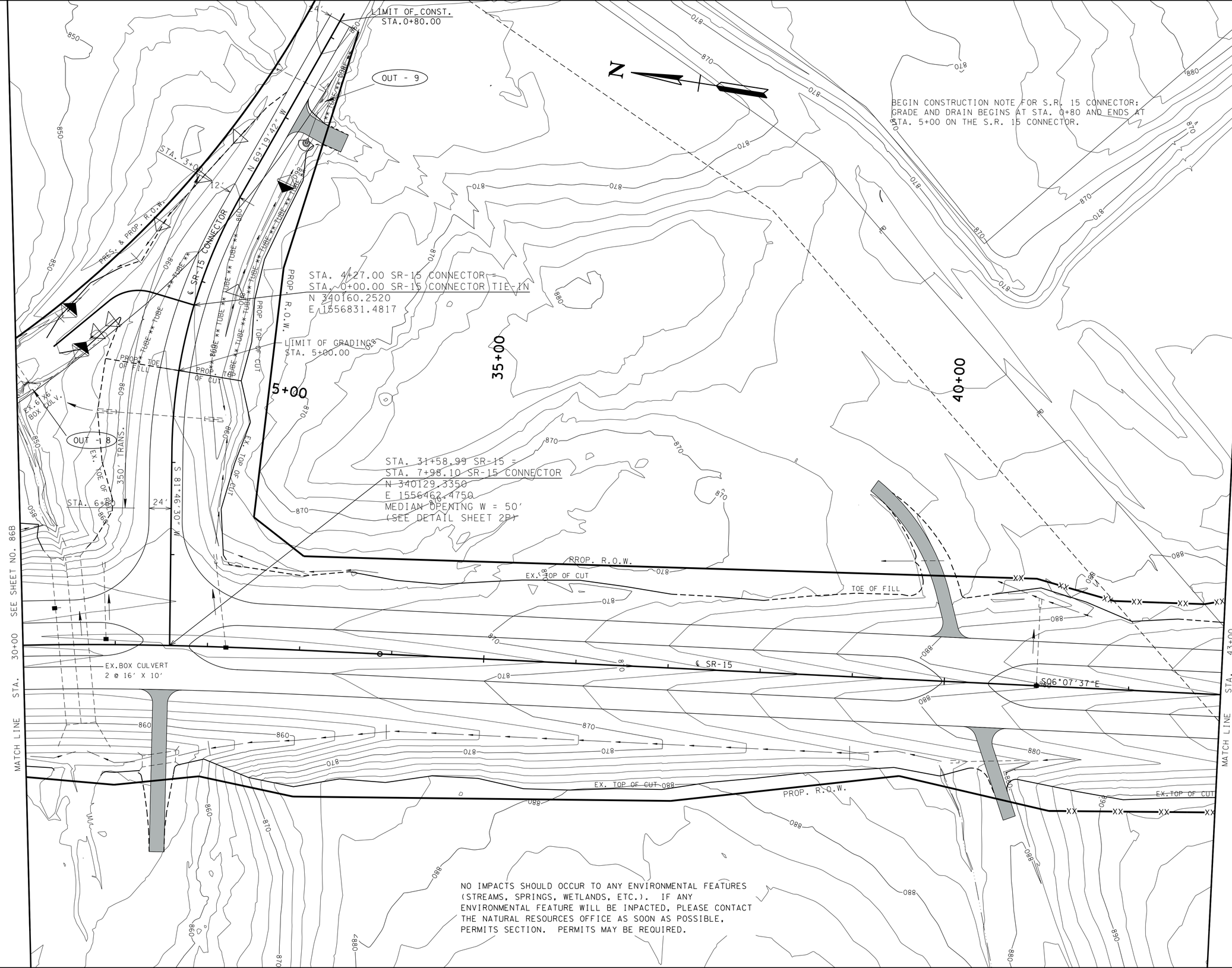
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	87A



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PHASE II

STA. 30+00 TO STA. 43+00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88

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 PAVEMENT (W8-11) AND/OR SHOULDER DROP-OFF (W8-9A), 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 PAVEMENT AND/OR LOW SHOULDER) 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 PAVEMENT AND/OR LOW SHOULDER) 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 (W8-9A). 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 ONE 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 PAVEMENT AND/OR LOW SHOULDER) 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

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

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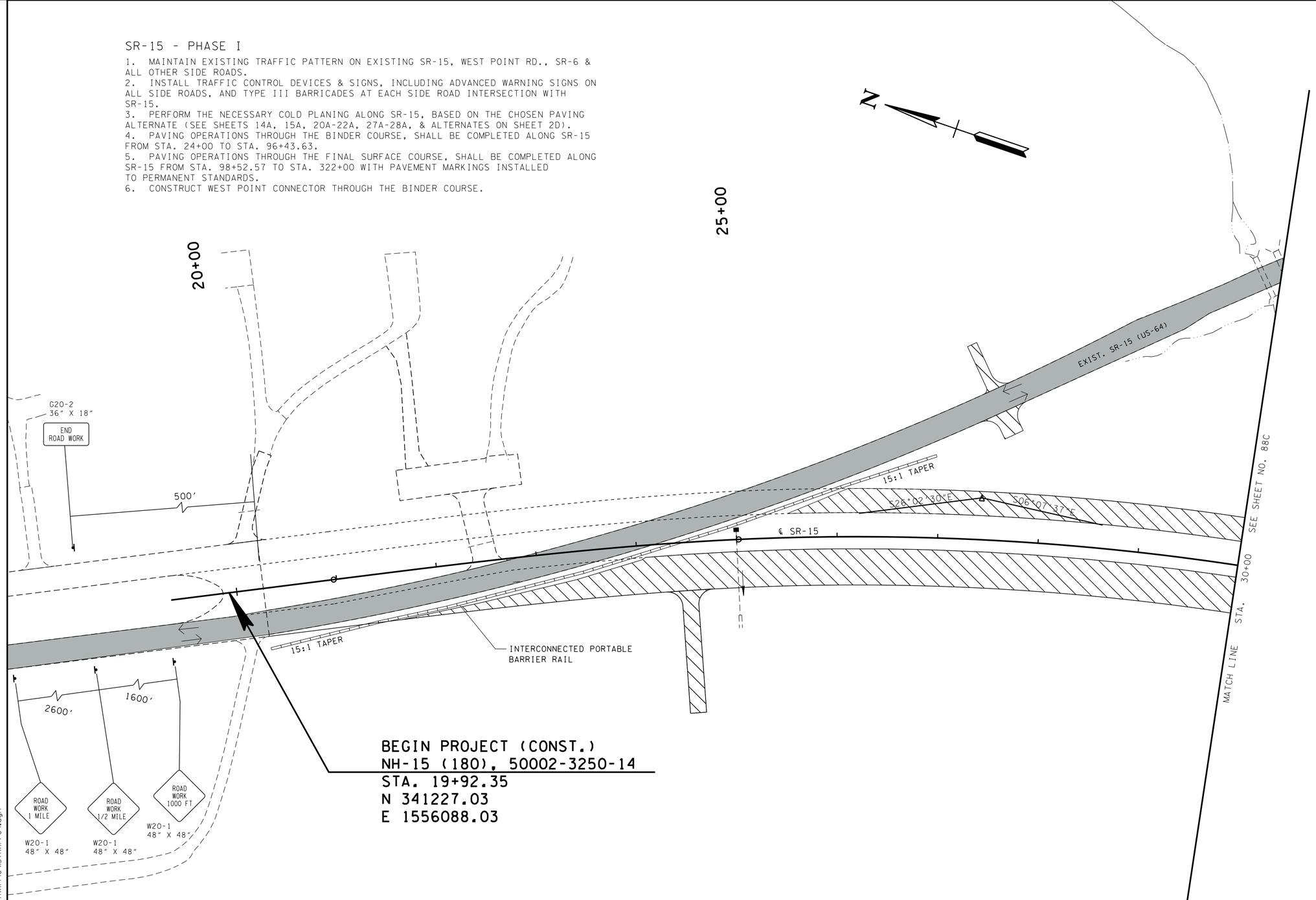
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88A

SR-15 - PHASE I

1. MAINTAIN EXISTING TRAFFIC PATTERN ON EXISTING SR-15, WEST POINT RD., SR-6 & ALL OTHER SIDE ROADS.
2. INSTALL TRAFFIC CONTROL DEVICES & SIGNS, INCLUDING ADVANCED WARNING SIGNS ON ALL SIDE ROADS, AND TYPE III BARRICADES AT EACH SIDE ROAD INTERSECTION WITH SR-15.
3. PERFORM THE NECESSARY COLD PLANING ALONG SR-15, BASED ON THE CHOSEN PAVING ALTERNATE (SEE SHEETS 14A, 15A, 20A-22A, 27A-28A, & ALTERNATES ON SHEET 2D).
4. PAVING OPERATIONS THROUGH THE BINDER COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 24+00 TO STA. 96+43.63.
5. PAVING OPERATIONS THROUGH THE FINAL SURFACE COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 98+52.57 TO STA. 322+00 WITH PAVEMENT MARKINGS INSTALLED TO PERMANENT STANDARDS.
6. CONSTRUCT WEST POINT CONNECTOR THROUGH THE BINDER COURSE.



BEGIN PROJECT (CONST.)
NH-15 (180), 50002-3250-14
STA. 19+92.35
N 341227.03
E 1556088.03

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
	SIGN (CONSTRUCTION)
	WORK ZONE
	PORTABLE BARRIER RAIL

TRAFFIC

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I
BEGIN PROJ. TO STA. 30+00
SCALE: 1"= 50'

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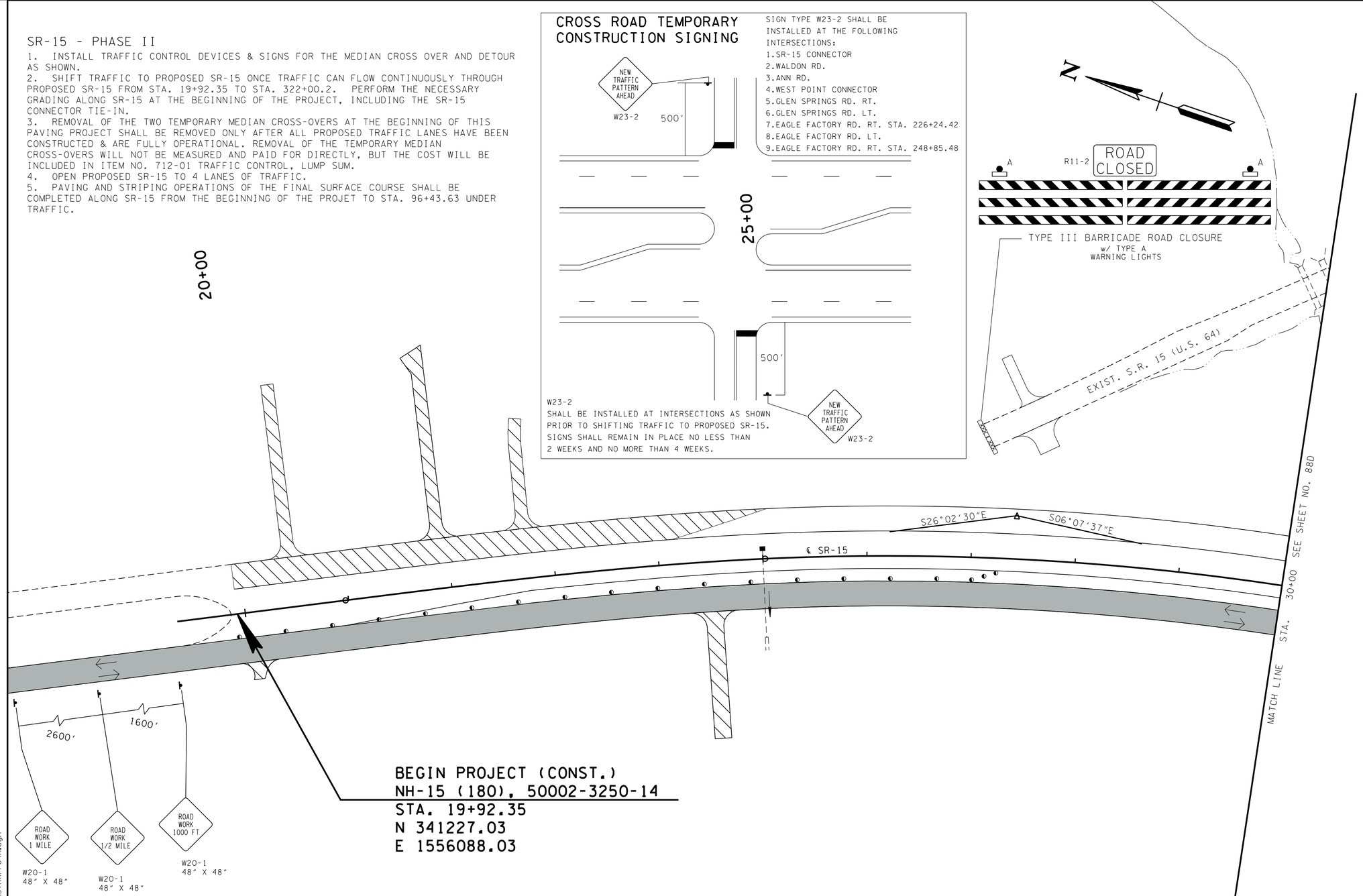
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88B

SR-15 - PHASE II

1. INSTALL TRAFFIC CONTROL DEVICES & SIGNS FOR THE MEDIAN CROSS OVER AND DETOUR AS SHOWN.
2. SHIFT TRAFFIC TO PROPOSED SR-15 ONCE TRAFFIC CAN FLOW CONTINUOUSLY THROUGH PROPOSED SR-15 FROM STA. 19+92.35 TO STA. 322+00.2. PERFORM THE NECESSARY GRADING ALONG SR-15 AT THE BEGINNING OF THE PROJECT, INCLUDING THE SR-15 CONNECTOR TIE-IN.
3. REMOVAL OF THE TWO TEMPORARY MEDIAN CROSS-OVERS AT THE BEGINNING OF THIS PAVING PROJECT SHALL BE REMOVED ONLY AFTER ALL PROPOSED TRAFFIC LANES HAVE BEEN CONSTRUCTED & ARE FULLY OPERATIONAL. REMOVAL OF THE TEMPORARY MEDIAN CROSS-OVERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01 TRAFFIC CONTROL, LUMP SUM.
4. OPEN PROPOSED SR-15 TO 4 LANES OF TRAFFIC.
5. PAVING AND STRIPING OPERATIONS OF THE FINAL SURFACE COURSE SHALL BE COMPLETED ALONG SR-15 FROM THE BEGINNING OF THE PROJET TO STA. 96+43.63 UNDER TRAFFIC.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
◑	FLEXIBLE DRUMS (CHANNELIZING)
▨	WORK ZONE
⊢	SIGN (CONSTRUCTION)
▭	TEMPORARY BARRICADE (TYPE III)

TRAFFIC

BEGIN CONSTRUCTION NOTE:
GRADE AND DRAIN FOR THE MAINLINE S.R. 15 BEGINS ON THE LEFT SIDE ONLY OF S.R. 15 AT STA. 19+92.35 AND ENDS AT STA. 27+00.00. THE PROPOSED SLOPES ON THE RIGHT SIDE OF S.R. 15 BETWEEN STA. 19+92.35 AND STA. 27+00.00 WERE CONSTRUCTED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT. ALL GRADING BEYOND STA. 27+00.00 TO THE END OF THE PAVING PROJECT WAS COMPLETED UNDER THE PREVIOUS GRADE AND DRAIN PROJECT, EXCEPT FOR S.R. 15 CONNECTOR, STA. 0+80 TO STA. 5+00 AND THE S.R. 15 CONNECTOR TIE-IN, STA. 0+17 TO STA. 1+75.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE II
BEGIN PROJ. TO STA. 30+00
SCALE: 1"= 50'

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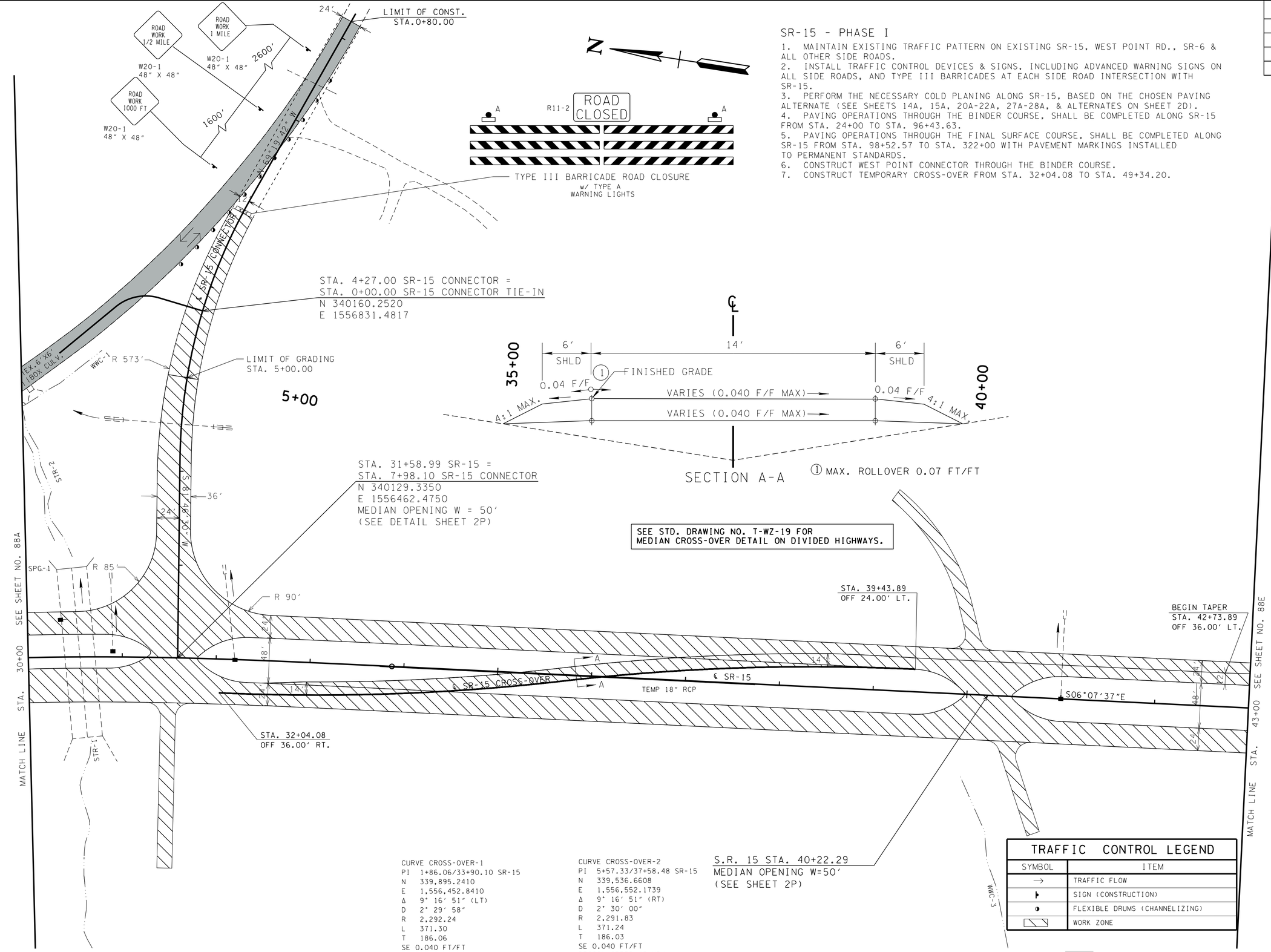
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88C

SR-15 - PHASE I

1. MAINTAIN EXISTING TRAFFIC PATTERN ON EXISTING SR-15, WEST POINT RD., SR-6 & ALL OTHER SIDE ROADS.
2. INSTALL TRAFFIC CONTROL DEVICES & SIGNS, INCLUDING ADVANCED WARNING SIGNS ON ALL SIDE ROADS, AND TYPE III BARRICADES AT EACH SIDE ROAD INTERSECTION WITH SR-15.
3. PERFORM THE NECESSARY COLD PLANING ALONG SR-15, BASED ON THE CHOSEN PAVING ALTERNATE (SEE SHEETS 14A, 15A, 20A-22A, 27A-28A, & ALTERNATES ON SHEET 2D).
4. PAVING OPERATIONS THROUGH THE BINDER COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 24+00 TO STA. 96+43.63.
5. PAVING OPERATIONS THROUGH THE FINAL SURFACE COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 98+52.57 TO STA. 322+00 WITH PAVEMENT MARKINGS INSTALLED TO PERMANENT STANDARDS.
6. CONSTRUCT WEST POINT CONNECTOR THROUGH THE BINDER COURSE.
7. CONSTRUCT TEMPORARY CROSS-OVER FROM STA. 32+04.08 TO STA. 49+34.20.



CURVE CROSS-OVER-1
PI 1+86.06/33+90.10 SR-15
N 339,895.2410
E 1,556,452.8410
Δ 9° 16′ 51″ (LT)
D 2° 29′ 58″
R 2,292.24
L 371.30
T 186.06
SE 0.040 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 150

CURVE CROSS-OVER-2
PI 5+57.33/37+58.48 SR-15
N 339,536.6608
E 1,556,552.1739
Δ 9° 16′ 51″ (RT)
D 2° 30′ 00″
R 2,291.83
L 371.24
T 186.03
SE 0.040 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 150

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
▶	SIGN (CONSTRUCTION)
◑	FLEXIBLE DRUMS (CHANNELIZING)
▨	WORK ZONE

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA. 30+00 TO STA. 43+00

SCALE: 1"= 50'

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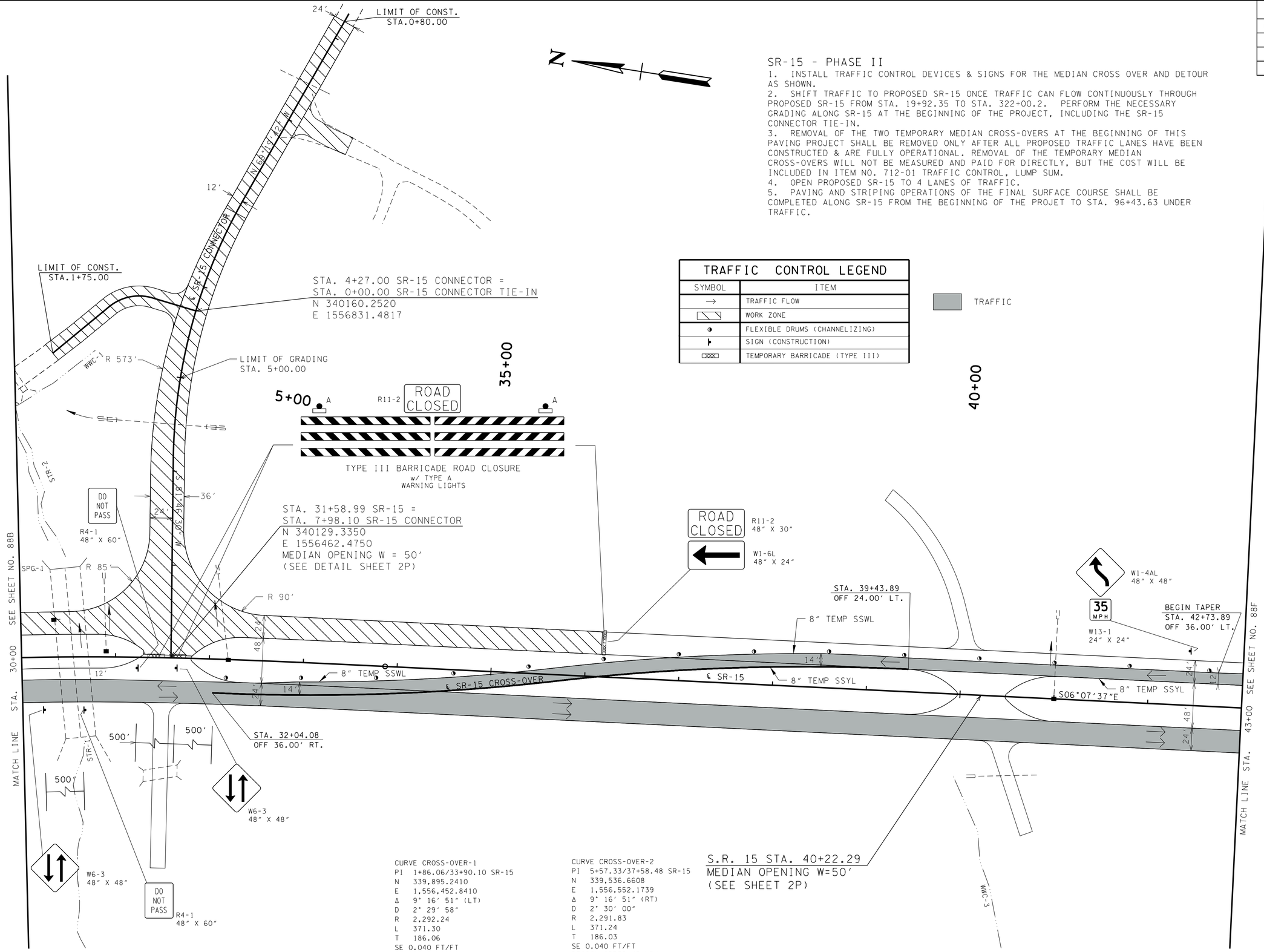
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88D

SR-15 - PHASE II

1. INSTALL TRAFFIC CONTROL DEVICES & SIGNS FOR THE MEDIAN CROSS OVER AND DETOUR AS SHOWN.
2. SHIFT TRAFFIC TO PROPOSED SR-15 ONCE TRAFFIC CAN FLOW CONTINUOUSLY THROUGH PROPOSED SR-15 FROM STA. 19+92.35 TO STA. 322+00.2. PERFORM THE NECESSARY GRADING ALONG SR-15 AT THE BEGINNING OF THE PROJECT, INCLUDING THE SR-15 CONNECTOR TIE-IN.
3. REMOVAL OF THE TWO TEMPORARY MEDIAN CROSS-OVERS AT THE BEGINNING OF THIS PAVING PROJECT SHALL BE REMOVED ONLY AFTER ALL PROPOSED TRAFFIC LANES HAVE BEEN CONSTRUCTED & ARE FULLY OPERATIONAL. REMOVAL OF THE TEMPORARY MEDIAN CROSS-OVERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01 TRAFFIC CONTROL, LUMP SUM.
4. OPEN PROPOSED SR-15 TO 4 LANES OF TRAFFIC.
5. PAVING AND STRIPING OPERATIONS OF THE FINAL SURFACE COURSE SHALL BE COMPLETED ALONG SR-15 FROM THE BEGINNING OF THE PROJET TO STA. 96+43.63 UNDER TRAFFIC.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TEMPORARY BARRICADE (TYPE III)

TRAFFIC



CURVE CROSS-OVER-1
PI 1+86.06/33+90.10 SR-15
N 339,895.2410
E 1,556,452.8410
Δ 9° 16' 51" (LT)
D 2° 29' 58"
R 2,292.24
L 371.30
T 186.06
SE 0.040 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 150

CURVE CROSS-OVER-2
PI 5+57.33/37+58.48 SR-15
N 339,536.6608
E 1,556,552.1739
Δ 9° 16' 51" (RT)
D 2° 30' 00"
R 2,291.83
L 371.24
T 186.03
SE 0.040 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 150

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE II

STA. 30+00 TO STA. 43+00

SCALE: 1"= 50'

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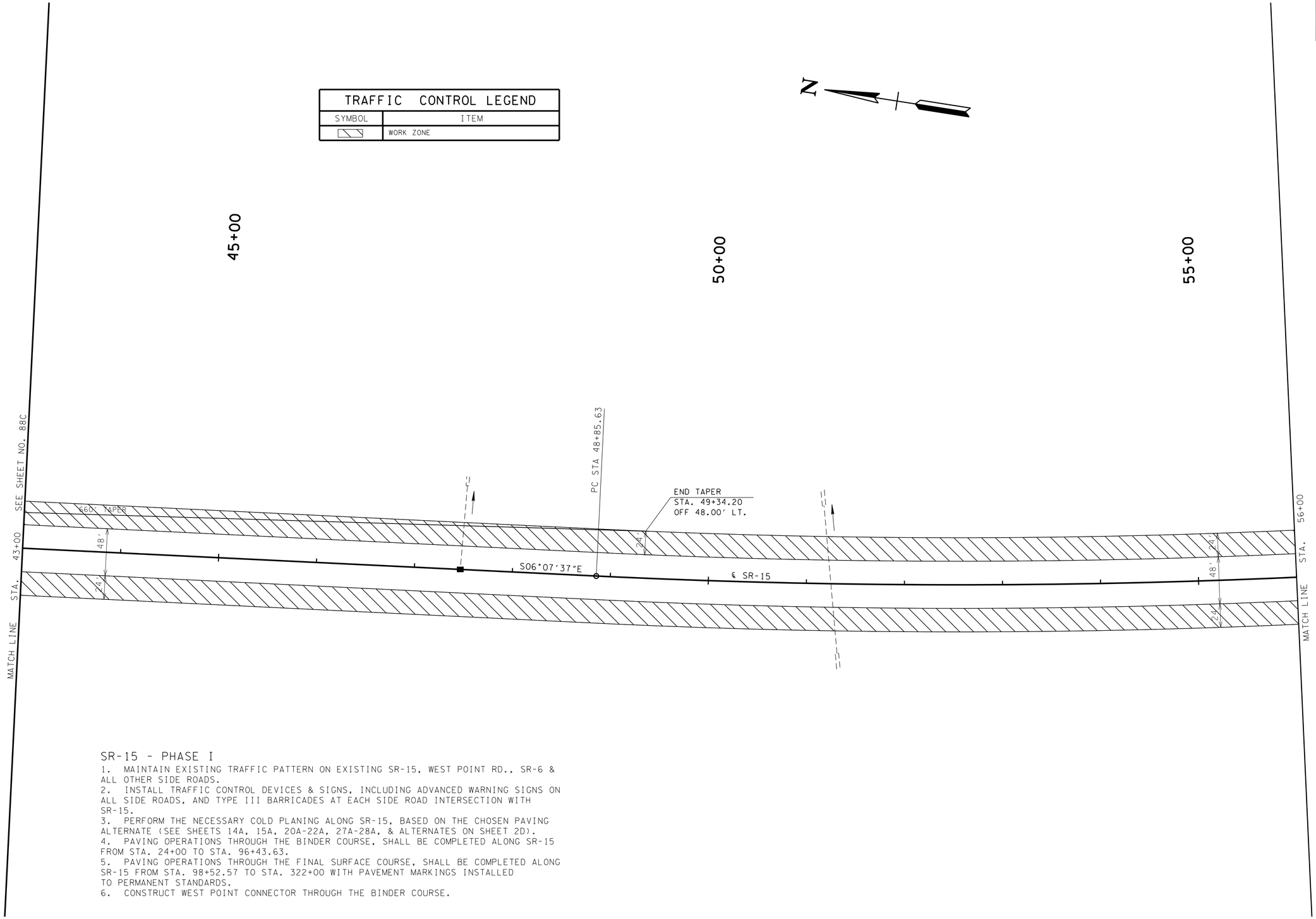
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88E

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE



SR-15 - PHASE I

1. MAINTAIN EXISTING TRAFFIC PATTERN ON EXISTING SR-15, WEST POINT RD., SR-6 & ALL OTHER SIDE ROADS.
2. INSTALL TRAFFIC CONTROL DEVICES & SIGNS, INCLUDING ADVANCED WARNING SIGNS ON ALL SIDE ROADS, AND TYPE III BARRICADES AT EACH SIDE ROAD INTERSECTION WITH SR-15.
3. PERFORM THE NECESSARY COLD PLANING ALONG SR-15, BASED ON THE CHOSEN PAVING ALTERNATE (SEE SHEETS 14A, 15A, 20A-22A, 27A-28A, & ALTERNATES ON SHEET 2D).
4. PAVING OPERATIONS THROUGH THE BINDER COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 24+00 TO STA. 96+43.63.
5. PAVING OPERATIONS THROUGH THE FINAL SURFACE COURSE, SHALL BE COMPLETED ALONG SR-15 FROM STA. 98+52.57 TO STA. 322+00 WITH PAVEMENT MARKINGS INSTALLED TO PERMANENT STANDARDS.
6. CONSTRUCT WEST POINT CONNECTOR THROUGH THE BINDER COURSE.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA. 43+00 TO STA. 56+00

SCALE: 1"= 50'

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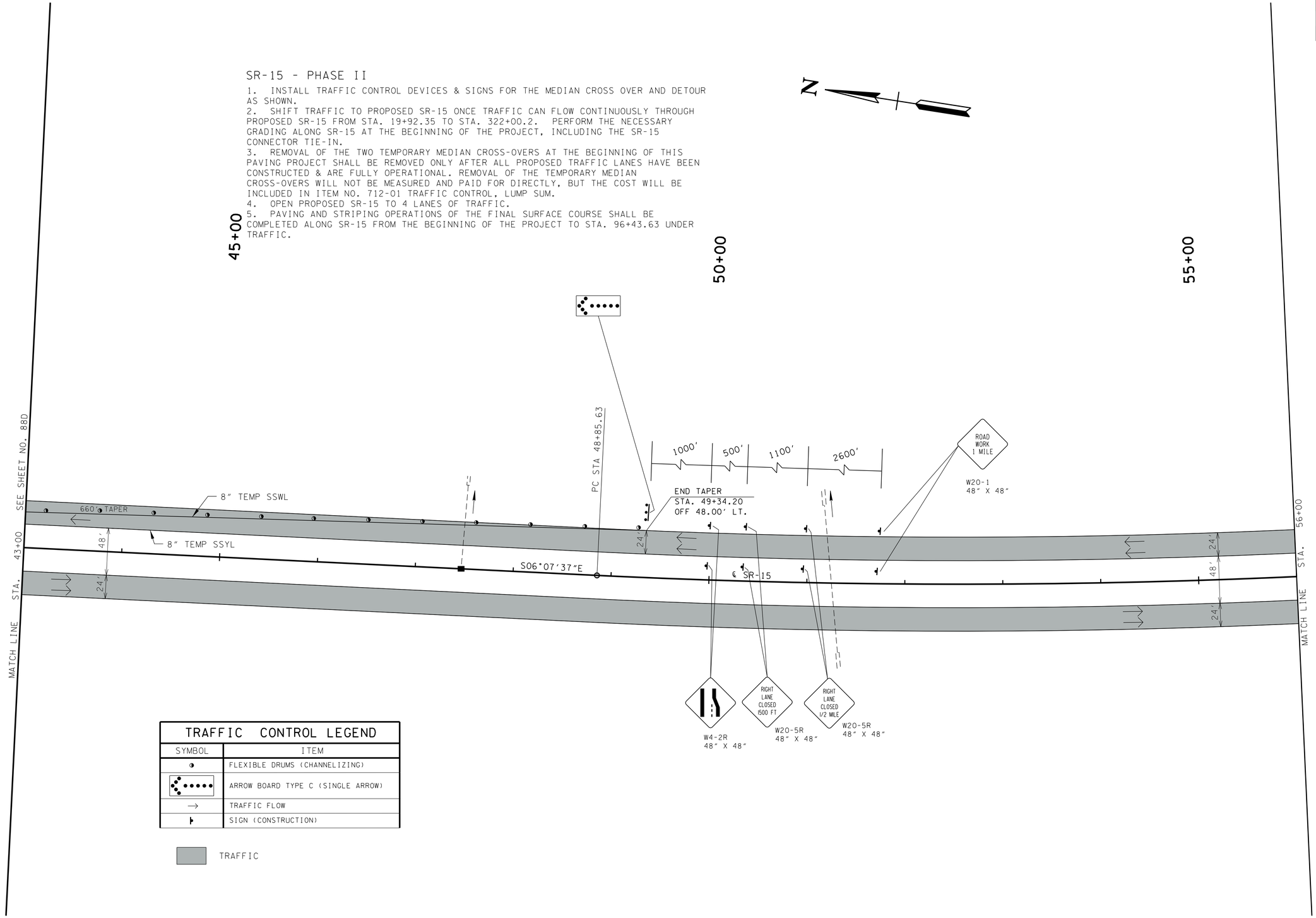
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88F

SR-15 - PHASE II

1. INSTALL TRAFFIC CONTROL DEVICES & SIGNS FOR THE MEDIAN CROSS OVER AND DETOUR AS SHOWN.
2. SHIFT TRAFFIC TO PROPOSED SR-15 ONCE TRAFFIC CAN FLOW CONTINUOUSLY THROUGH PROPOSED SR-15 FROM STA. 19+92.35 TO STA. 322+00.2. PERFORM THE NECESSARY GRADING ALONG SR-15 AT THE BEGINNING OF THE PROJECT, INCLUDING THE SR-15 CONNECTOR TIE-IN.
3. REMOVAL OF THE TWO TEMPORARY MEDIAN CROSS-OVERS AT THE BEGINNING OF THIS PAVING PROJECT SHALL BE REMOVED ONLY AFTER ALL PROPOSED TRAFFIC LANES HAVE BEEN CONSTRUCTED & ARE FULLY OPERATIONAL. REMOVAL OF THE TEMPORARY MEDIAN CROSS-OVERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01 TRAFFIC CONTROL, LUMP SUM.
4. OPEN PROPOSED SR-15 TO 4 LANES OF TRAFFIC.
5. PAVING AND STRIPING OPERATIONS OF THE FINAL SURFACE COURSE SHALL BE COMPLETED ALONG SR-15 FROM THE BEGINNING OF THE PROJECT TO STA. 96+43.63 UNDER TRAFFIC.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	ARROW BOARD TYPE C (SINGLE ARROW)
→	TRAFFIC FLOW
	SIGN (CONSTRUCTION)

TRAFFIC

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE II

STA. 43+00 TO STA. 56+00

SCALE: 1"= 50'

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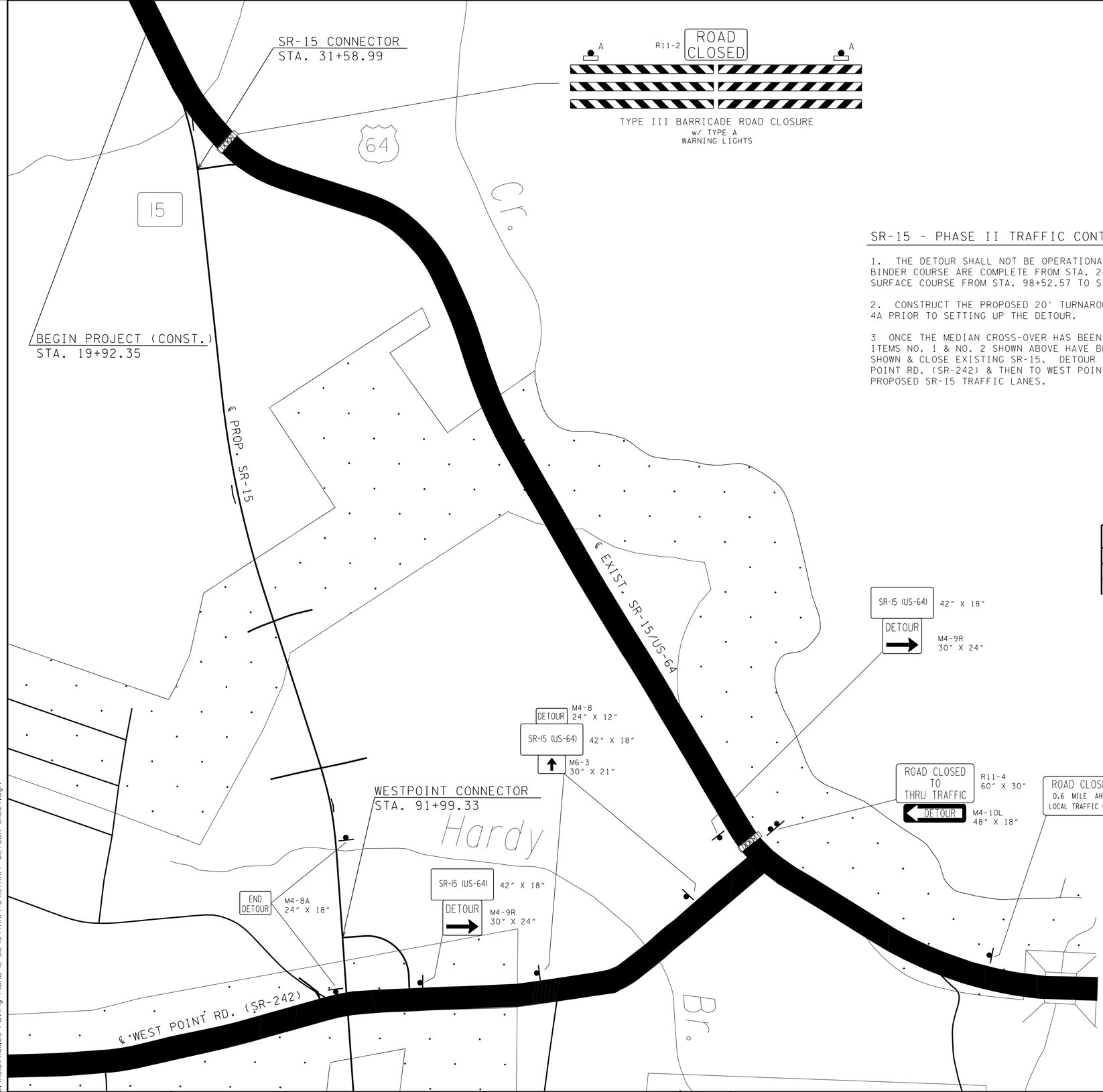
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88G



SR-15 - PHASE II TRAFFIC CONTROL DETOUR

1. THE DETOUR SHALL NOT BE OPERATIONAL UNTIL ALL PAVING OPERATIONS THROUGH THE BINDER COURSE ARE COMPLETE FROM STA. 24+00 TO STA. 96+43.63, & THROUGH THE FINAL SURFACE COURSE FROM STA. 98+52.57 TO STA. 322+00.

2. CONSTRUCT THE PROPOSED 20′ TURNAROUND ON EXISTING SR-15 AS SHOWN ON SHEET 4A PRIOR TO SETTING UP THE DETOUR.

3 ONCE THE MEDIAN CROSS-OVER HAS BEEN CONSTRUCTED AS SHOWN ON SHEET 88D, AND ITEMS NO. 1 & NO. 2 SHOWN ABOVE HAVE BEEN COMPLETED, INSTALL DETOUR SIGNAGE AS SHOWN & CLOSE EXISTING SR-15. DETOUR THE TRAFFIC FROM EXISTING SR-15 TO WEST POINT RD. (SR-242) & THEN TO WEST POINT RD. CONNECTOR IN ORDER TO ACCESS PROPOSED SR-15 TRAFFIC LANES.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION)
	TEMPORARY BARRICADE (TYPE III)

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE II

DETOUR SHEET

SCALE: 1"= 400′

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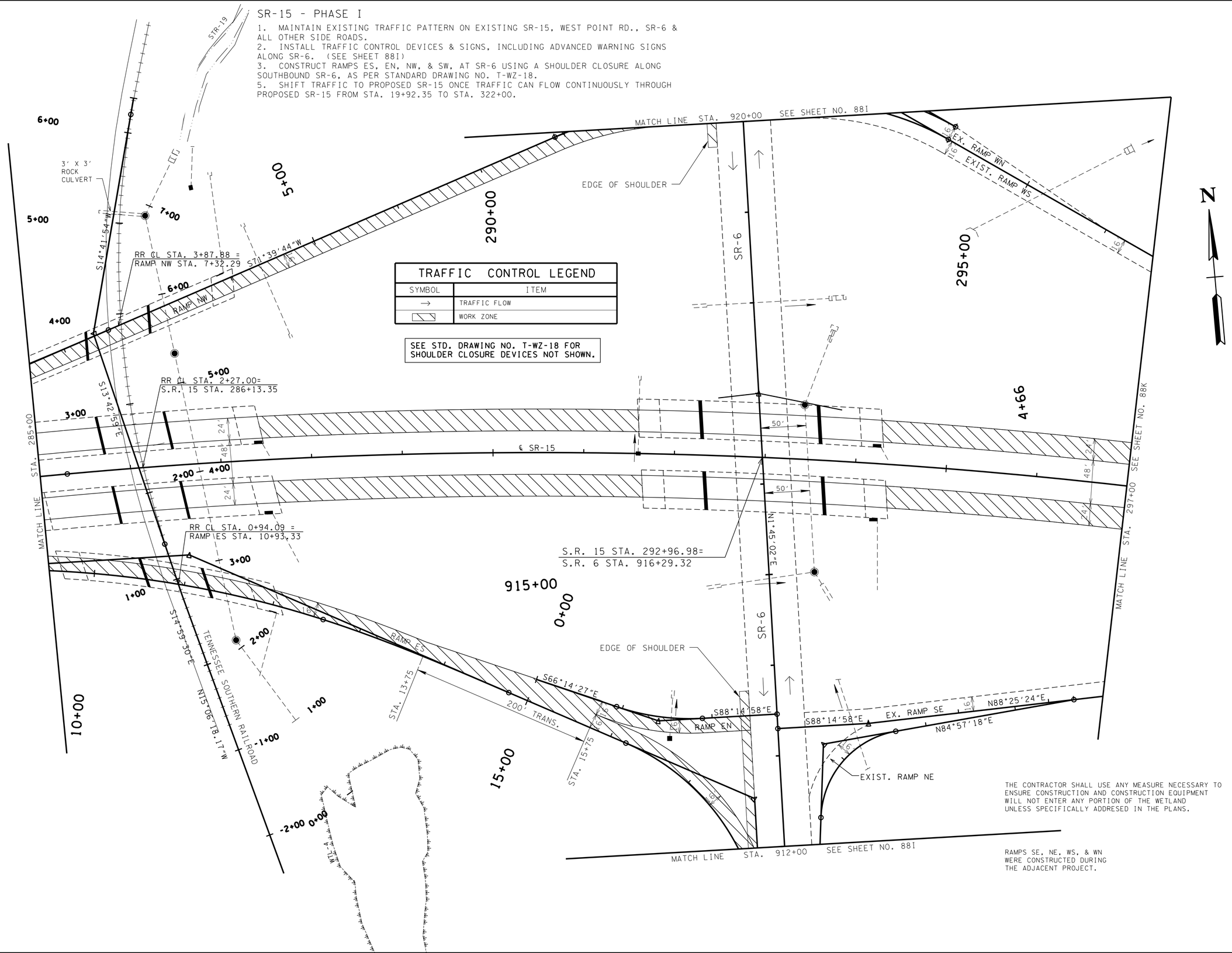
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88H

SR-15 - PHASE I

1. MAINTAIN EXISTING TRAFFIC PATTERN ON EXISTING SR-15, WEST POINT RD., SR-6 & ALL OTHER SIDE ROADS.
2. INSTALL TRAFFIC CONTROL DEVICES & SIGNS, INCLUDING ADVANCED WARNING SIGNS ALONG SR-6. (SEE SHEET 88I)
3. CONSTRUCT RAMPS ES, EN, NW, & SW, AT SR-6 USING A SHOULDER CLOSURE ALONG SOUTHBOUND SR-6, AS PER STANDARD DRAWING NO. T-WZ-18.
5. SHIFT TRAFFIC TO PROPOSED SR-15 ONCE TRAFFIC CAN FLOW CONTINUOUSLY THROUGH PROPOSED SR-15 FROM STA. 19+92.35 TO STA. 322+00.



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
▨	WORK ZONE

SEE STD. DRAWING NO. T-WZ-18 FOR SHOULDER CLOSURE DEVICES NOT SHOWN.

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF THE WETLAND UNLESS SPECIFICALLY ADDRESED IN THE PLANS.

RAMPS SE, NE, WS, & WN WERE CONSTRUCTED DURING THE ADJACENT PROJECT.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA.285+00 TO STA.297+00

SCALE: 1"= 50'

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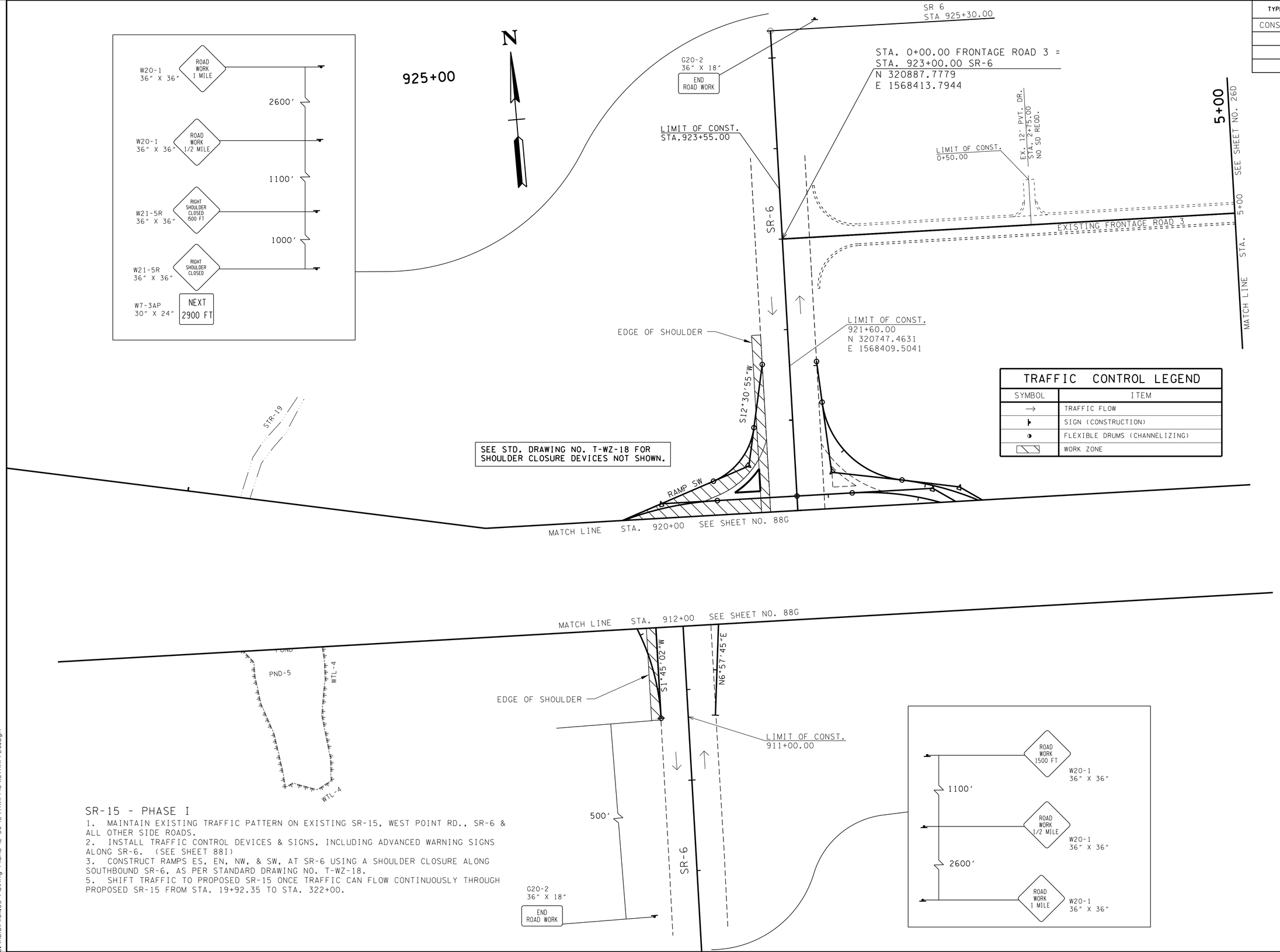
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88I



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
→	TRAFFIC FLOW
	SIGN (CONSTRUCTION)
	FLEXIBLE DRUMS (CHANNELIZING)
	WORK ZONE

SR-15 - PHASE I

1. MAINTAIN EXISTING TRAFFIC PATTERN ON EXISTING SR-15, WEST POINT RD., SR-6 & ALL OTHER SIDE ROADS.
2. INSTALL TRAFFIC CONTROL DEVICES & SIGNS, INCLUDING ADVANCED WARNING SIGNS ALONG SR-6. (SEE SHEET 88I)
3. CONSTRUCT RAMPS ES, EN, NW, & SW, AT SR-6 USING A SHOULDER CLOSURE ALONG SOUTHBOUND SR-6, AS PER STANDARD DRAWING NO. T-WZ-18.
5. SHIFT TRAFFIC TO PROPOSED SR-15 ONCE TRAFFIC CAN FLOW CONTINUOUSLY THROUGH PROPOSED SR-15 FROM STA. 19+92.35 TO STA. 322+00.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

SCALE: 1"= 50'

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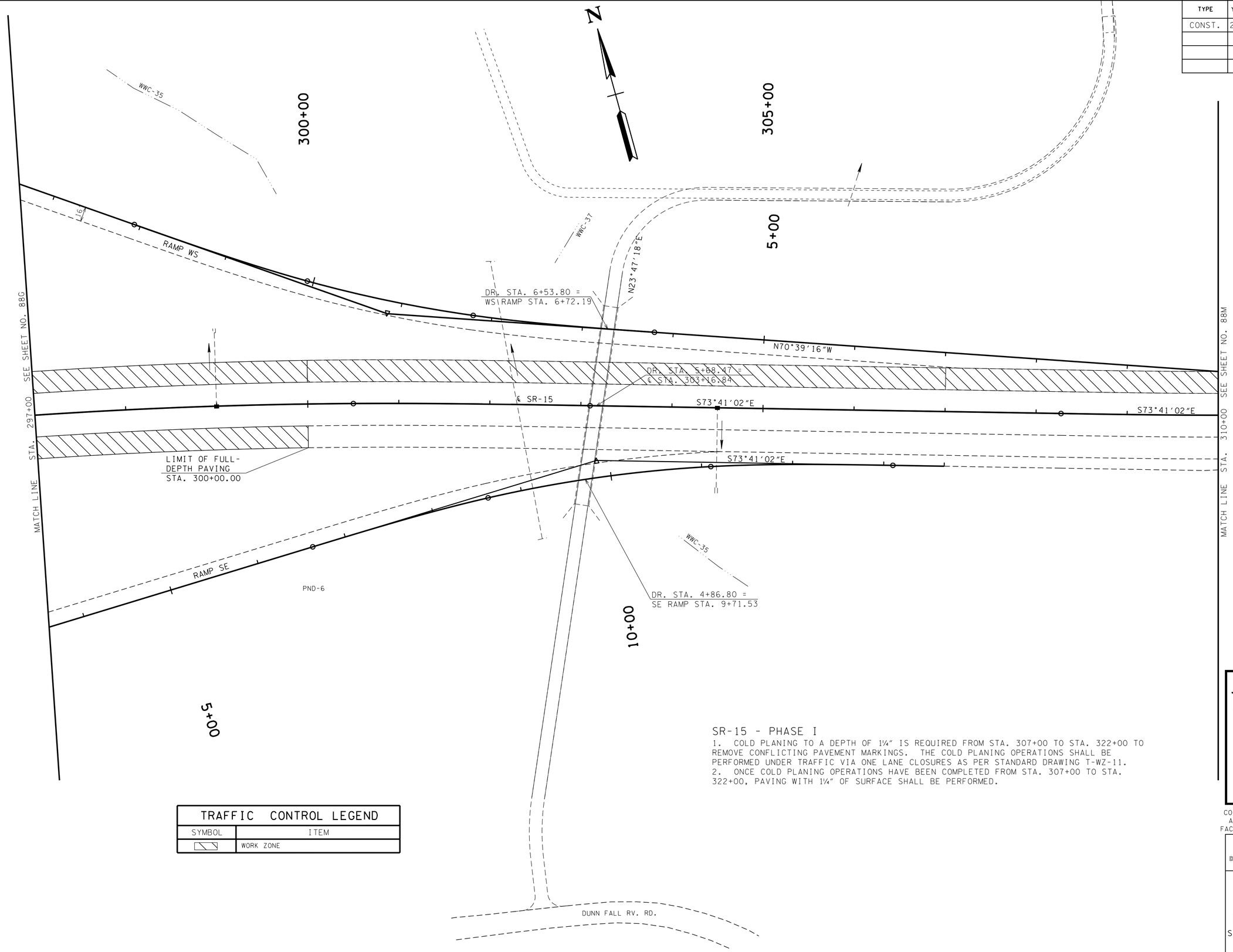
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88J



SR-15 - PHASE I

1. COLD PLANING TO A DEPTH OF 1¼" IS REQUIRED FROM STA. 307+00 TO STA. 322+00 TO REMOVE CONFLICTING PAVEMENT MARKINGS. THE COLD PLANING OPERATIONS SHALL BE PERFORMED UNDER TRAFFIC VIA ONE LANE CLOSURES AS PER STANDARD DRAWING T-WZ-11.
2. ONCE COLD PLANING OPERATIONS HAVE BEEN COMPLETED FROM STA. 307+00 TO STA. 322+00, PAVING WITH 1¼" OF SURFACE SHALL BE PERFORMED.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA. 297+00 TO STA. 310+00

SCALE: 1"= 50'

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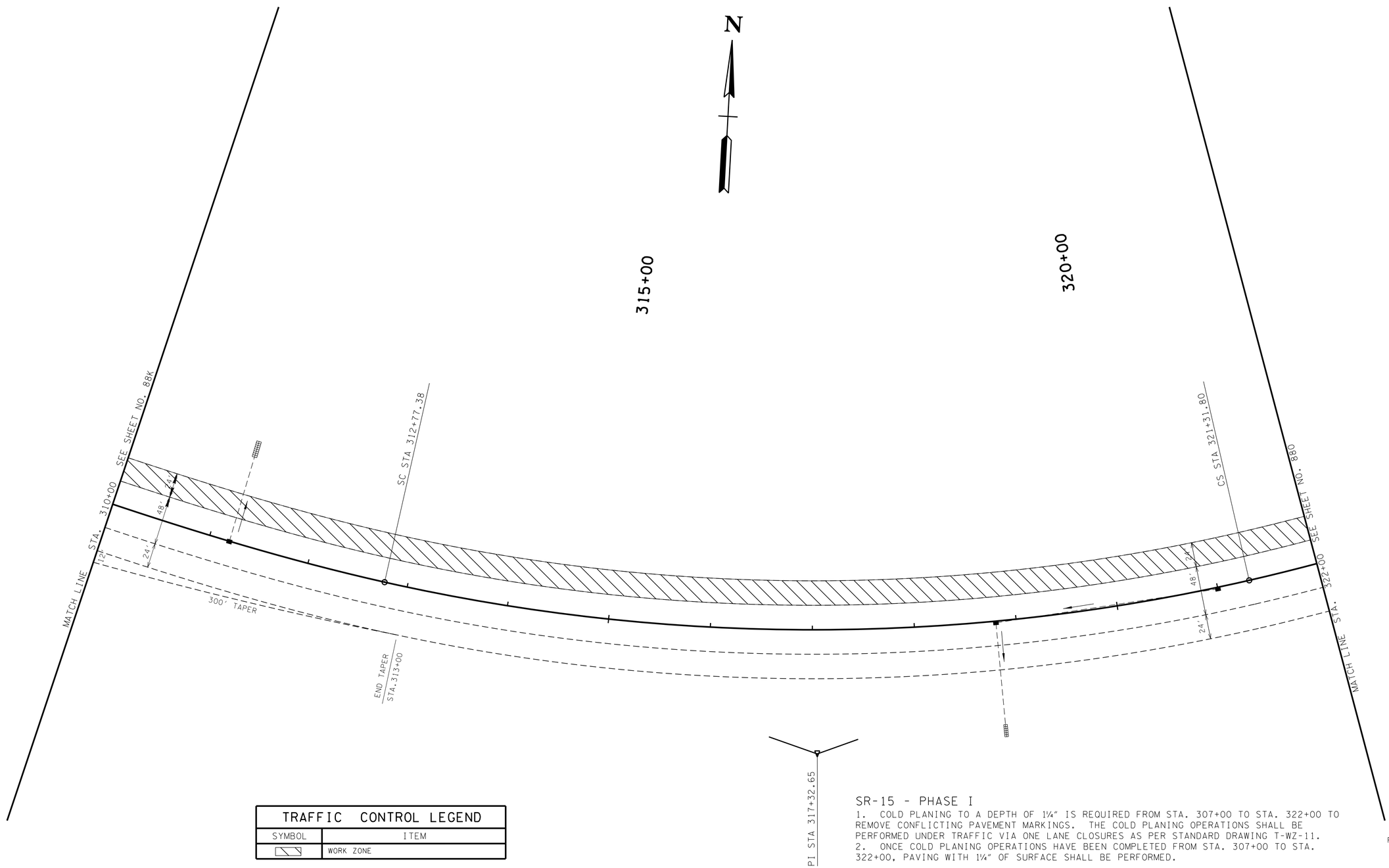
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88K



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE

SR-15 - PHASE I

1. COLD PLANING TO A DEPTH OF 1¼" IS REQUIRED FROM STA. 307+00 TO STA. 322+00 TO REMOVE CONFLICTING PAVEMENT MARKINGS. THE COLD PLANING OPERATIONS SHALL BE PERFORMED UNDER TRAFFIC VIA ONE LANE CLOSURES AS PER STANDARD DRAWING T-WZ-11.
2. ONCE COLD PLANING OPERATIONS HAVE BEEN COMPLETED FROM STA. 307+00 TO STA. 322+00, PAVING WITH 1¼" OF SURFACE SHALL BE PERFORMED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA. 310+00 TO STA. 322+00

SCALE: 1"= 50'

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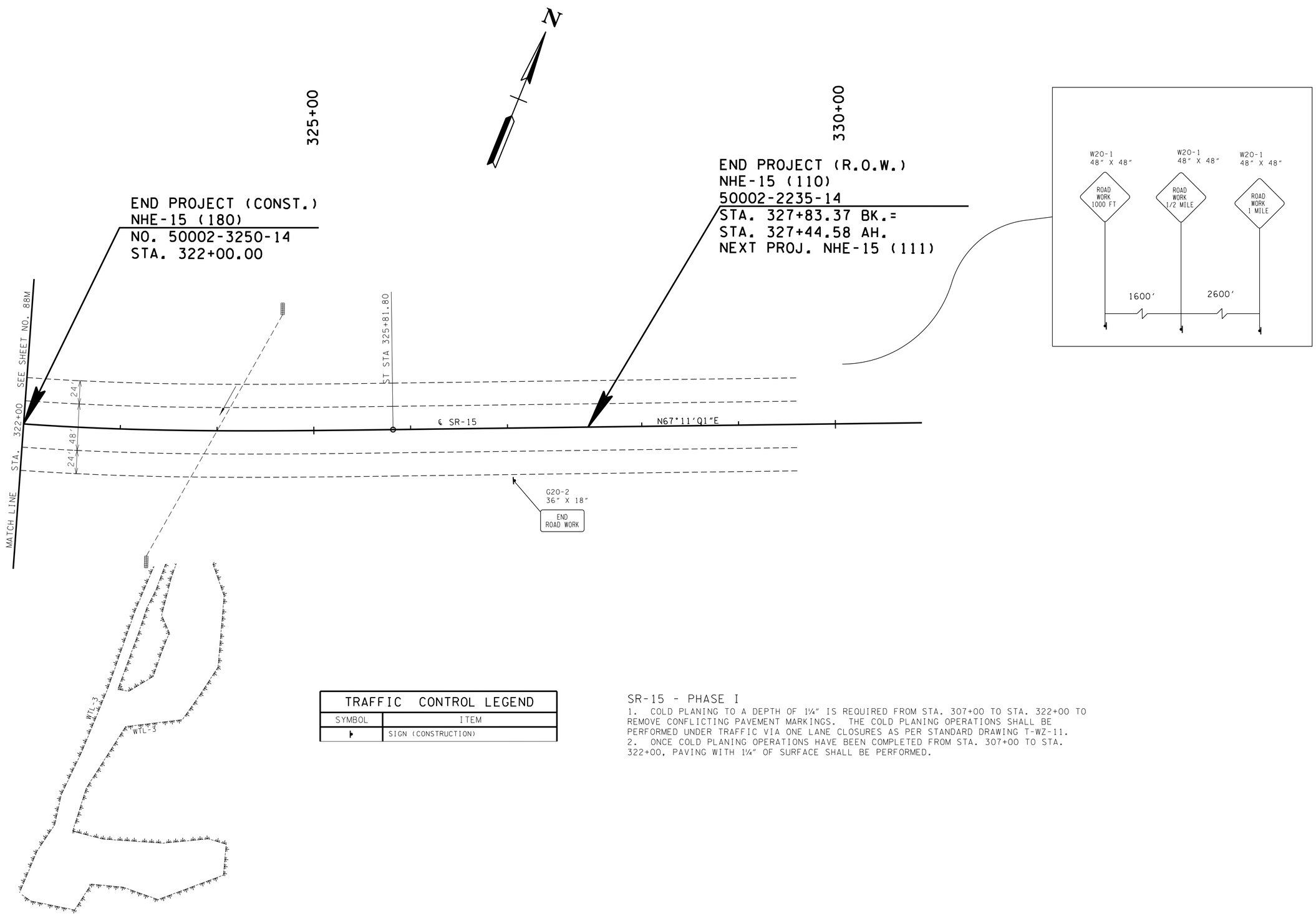
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	88L



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
▶	SIGN (CONSTRUCTION)

SR-15 - PHASE I

1. COLD PLANING TO A DEPTH OF 1¼" IS REQUIRED FROM STA. 307+00 TO STA. 322+00 TO REMOVE CONFLICTING PAVEMENT MARKINGS. THE COLD PLANING OPERATIONS SHALL BE PERFORMED UNDER TRAFFIC VIA ONE LANE CLOSURES AS PER STANDARD DRAWING T-WZ-11.
2. ONCE COLD PLANING OPERATIONS HAVE BEEN COMPLETED FROM STA. 307+00 TO STA. 322+00, PAVING WITH 1¼" OF SURFACE SHALL BE PERFORMED.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN-PHASE I

STA. 322+00 TO STA. 330+00

SCALE: 1"= 50'

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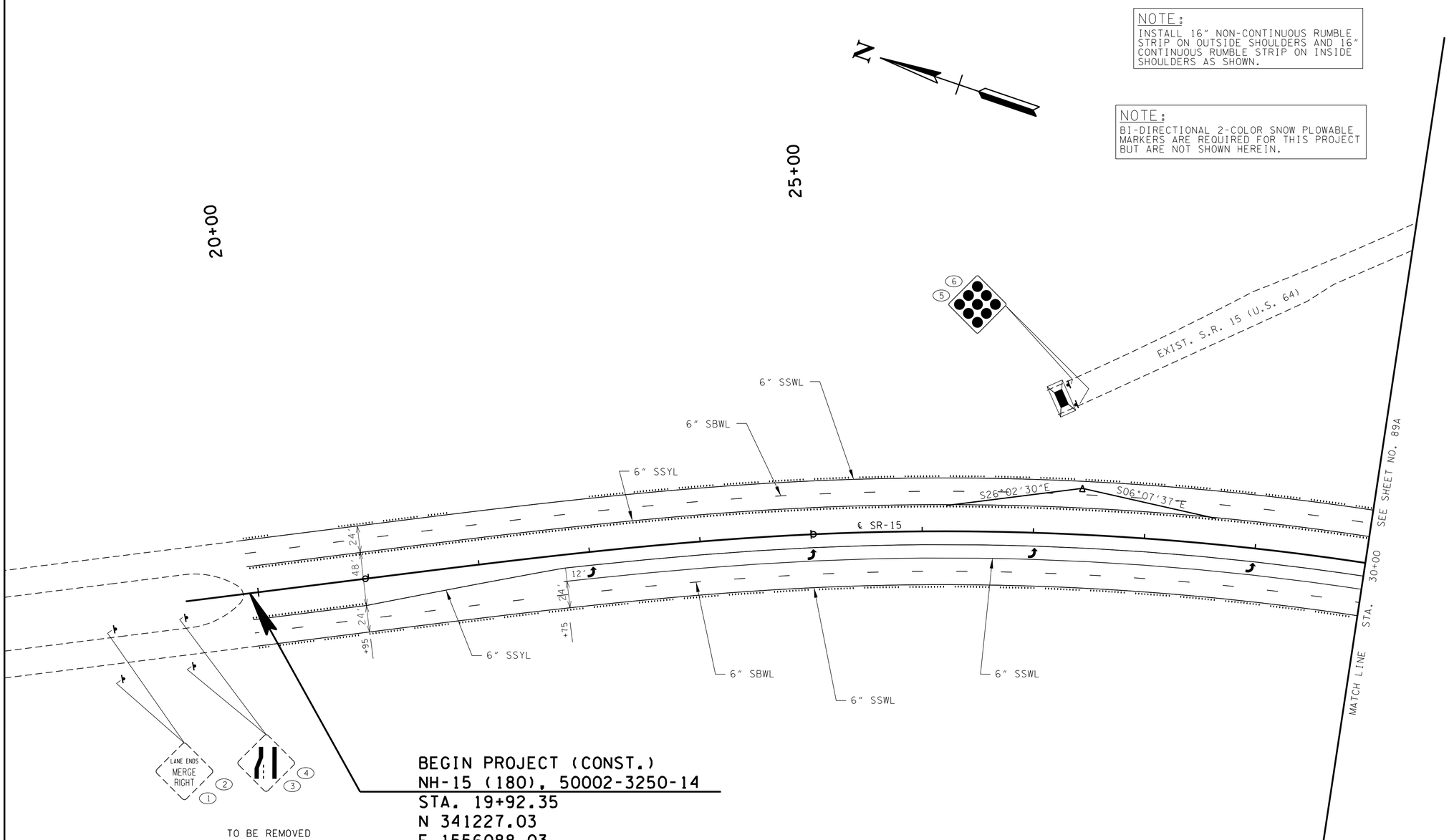
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



BEGIN PROJECT (CONST.)
NH-15 (180), 50002-3250-14
STA. 19+92.35
N 341227.03
E 1556088.03

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

BEGIN PROJ. TO STA. 30+00

SCALE: 1"=50'

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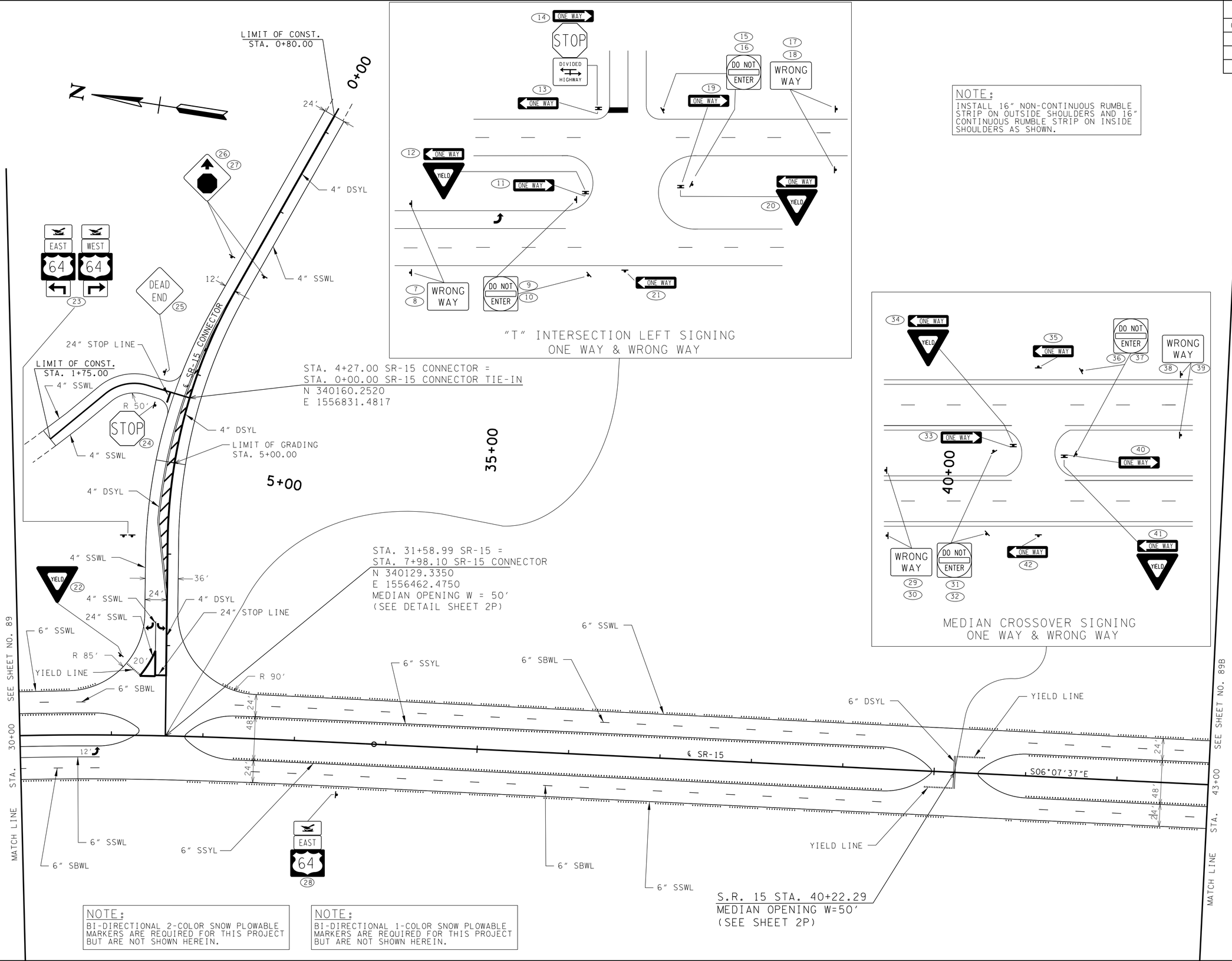
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89A



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

NOTE:
BI-DIRECTIONAL 1-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 30+00 TO STA. 43+00

SCALE: 1"=50'

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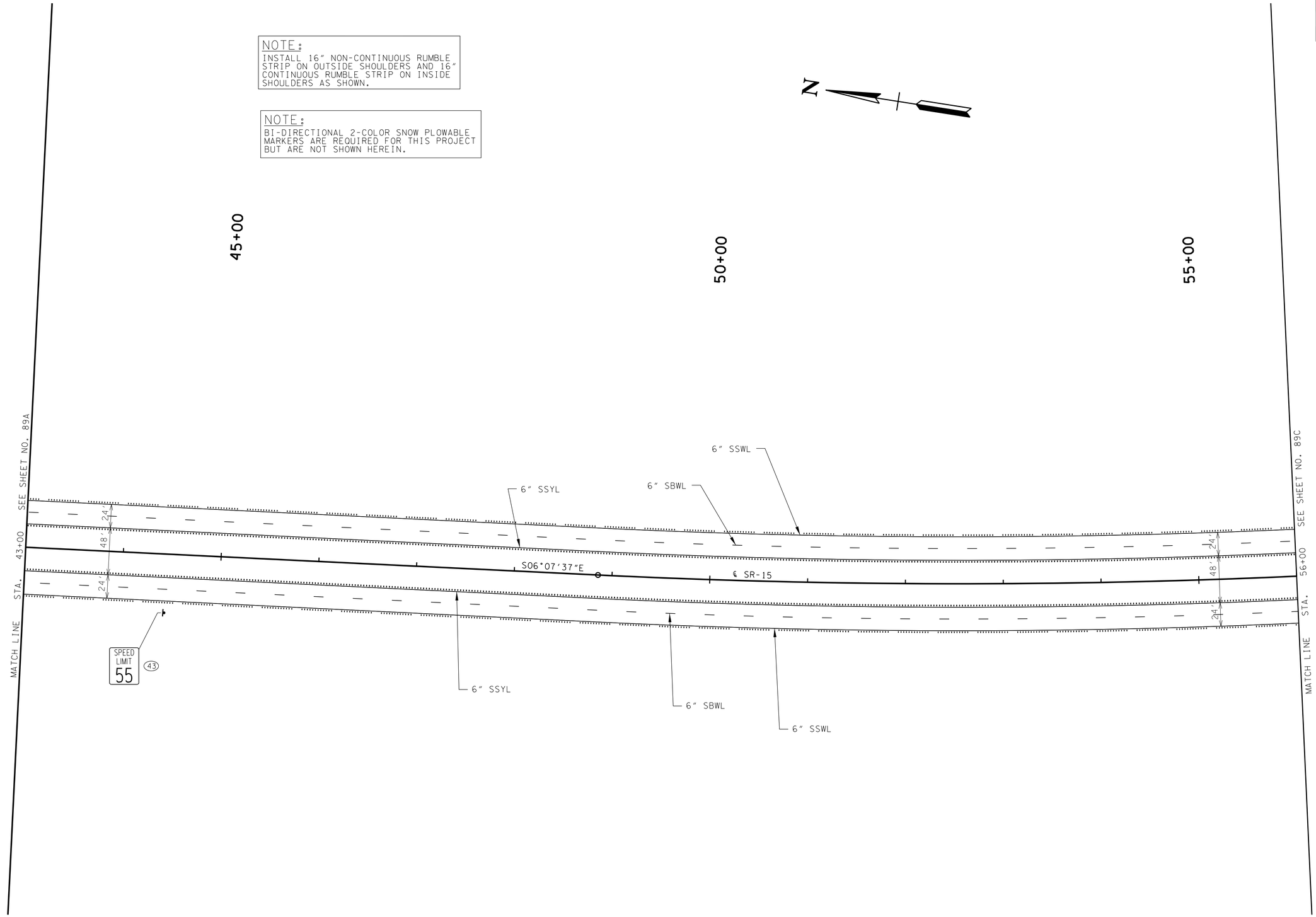
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89B

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 43+00 TO STA. 56+00

SCALE: 1"=50'

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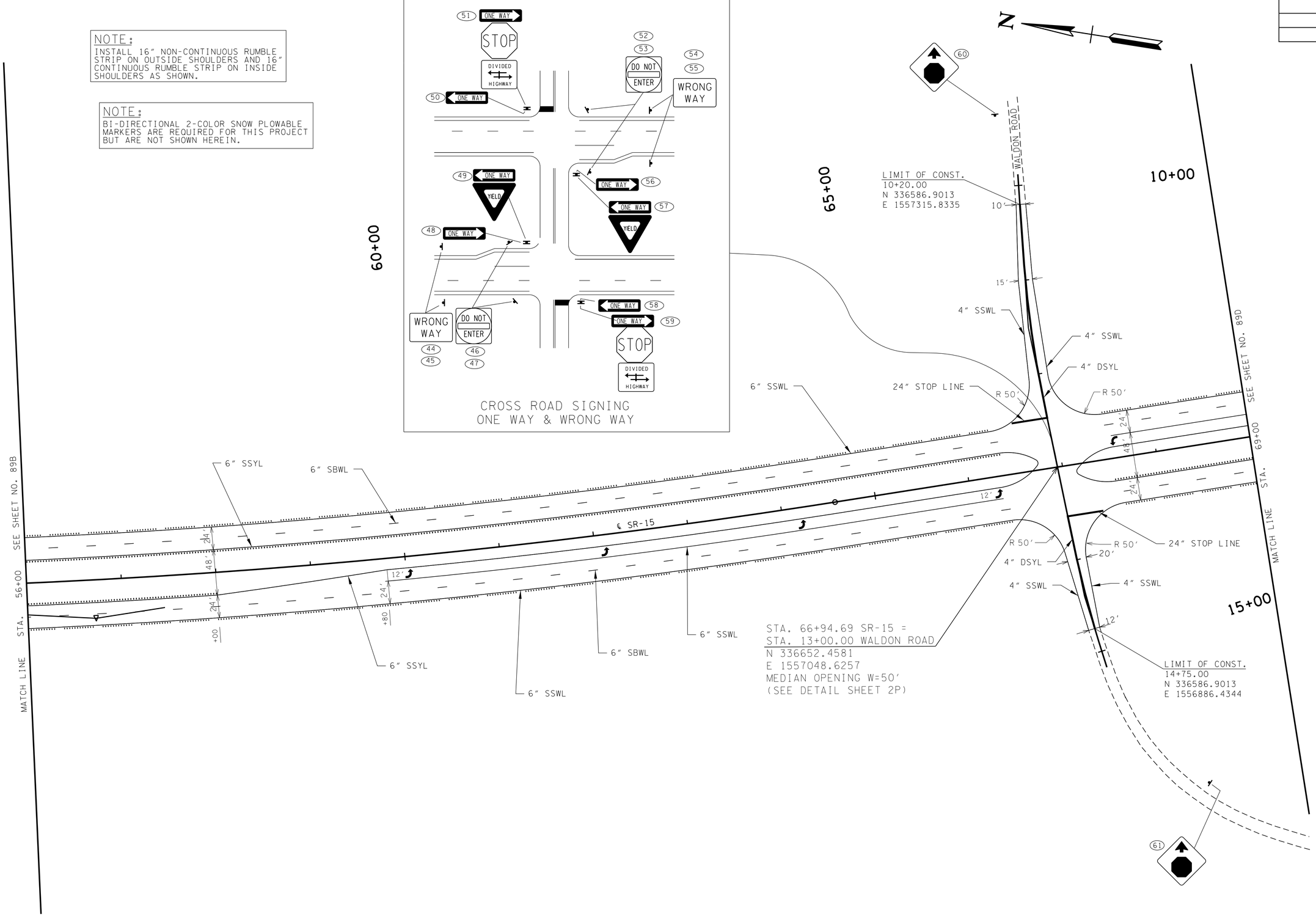
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89C

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

CROSS ROAD SIGNING
ONE WAY & WRONG WAY



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 56+00 TO STA. 69+00

SCALE: 1"=50'

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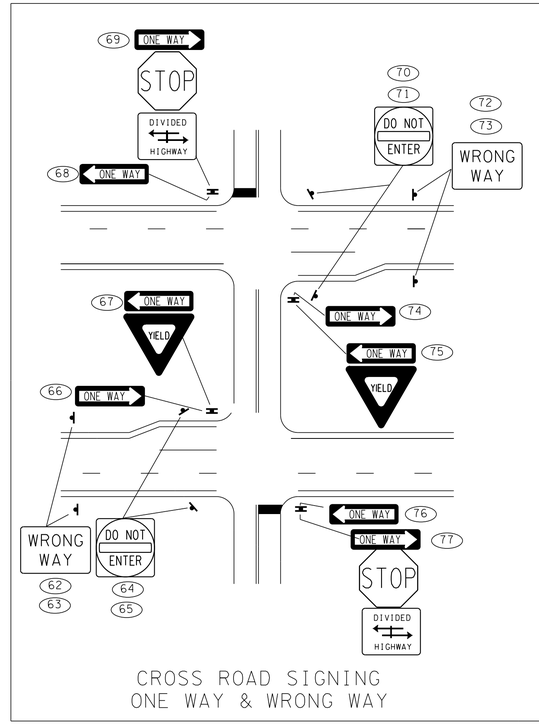
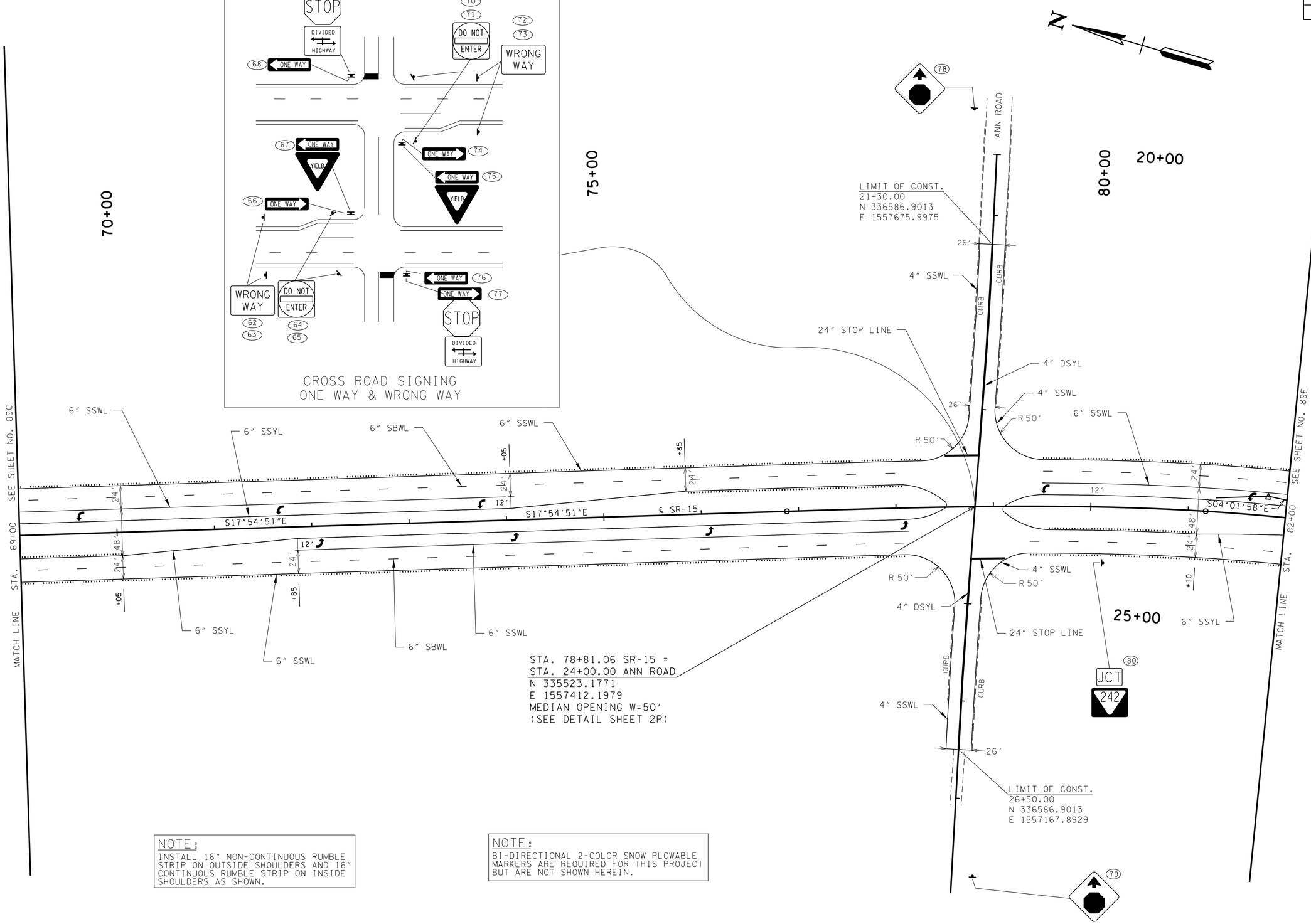
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89D



CROSS ROAD SIGNING
ONE WAY & WRONG WAY



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 69+00 TO STA. 82+00

SCALE: 1"=50'

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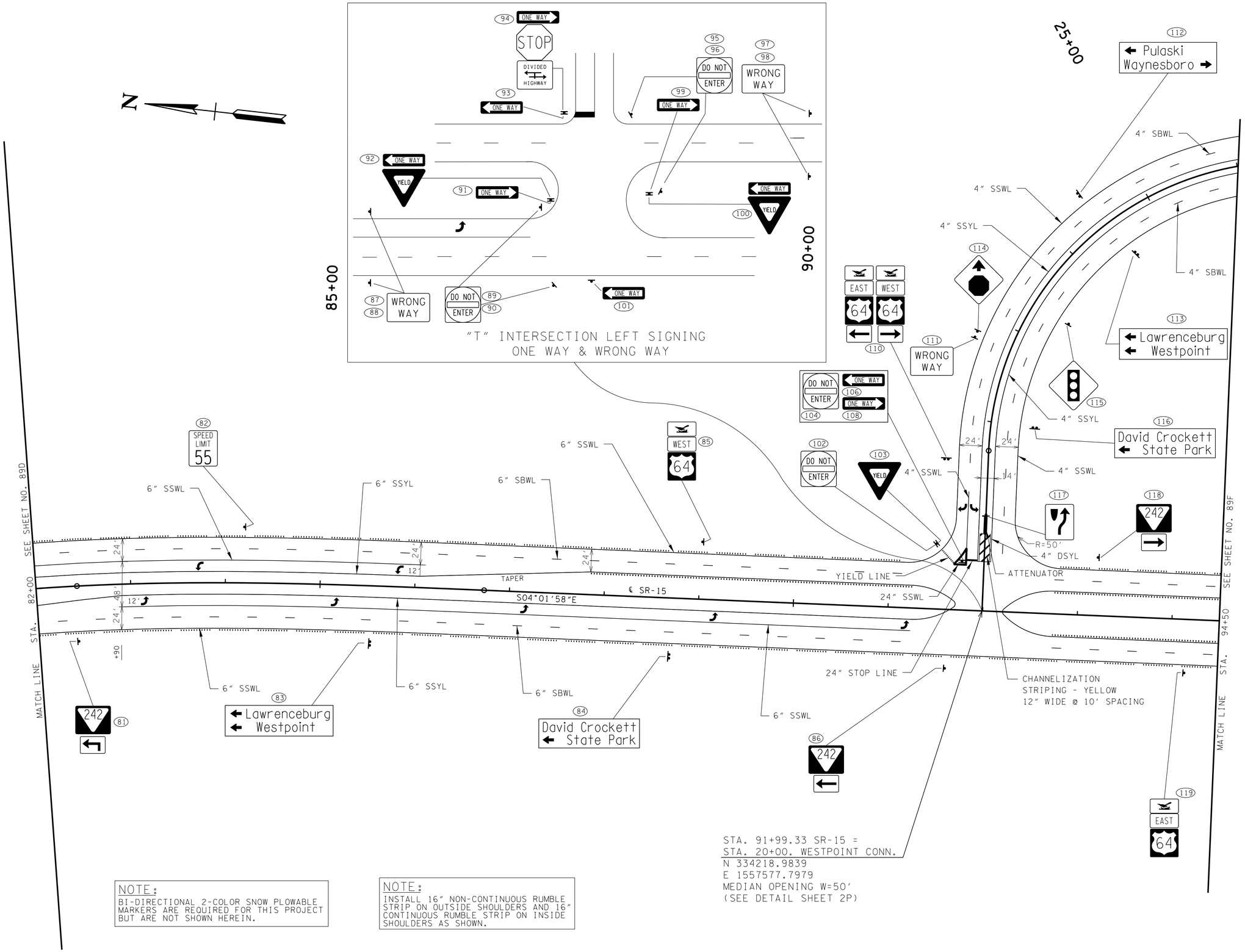
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89E

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



NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 82+00 TO STA. 94+50

SCALE: 1"=50'

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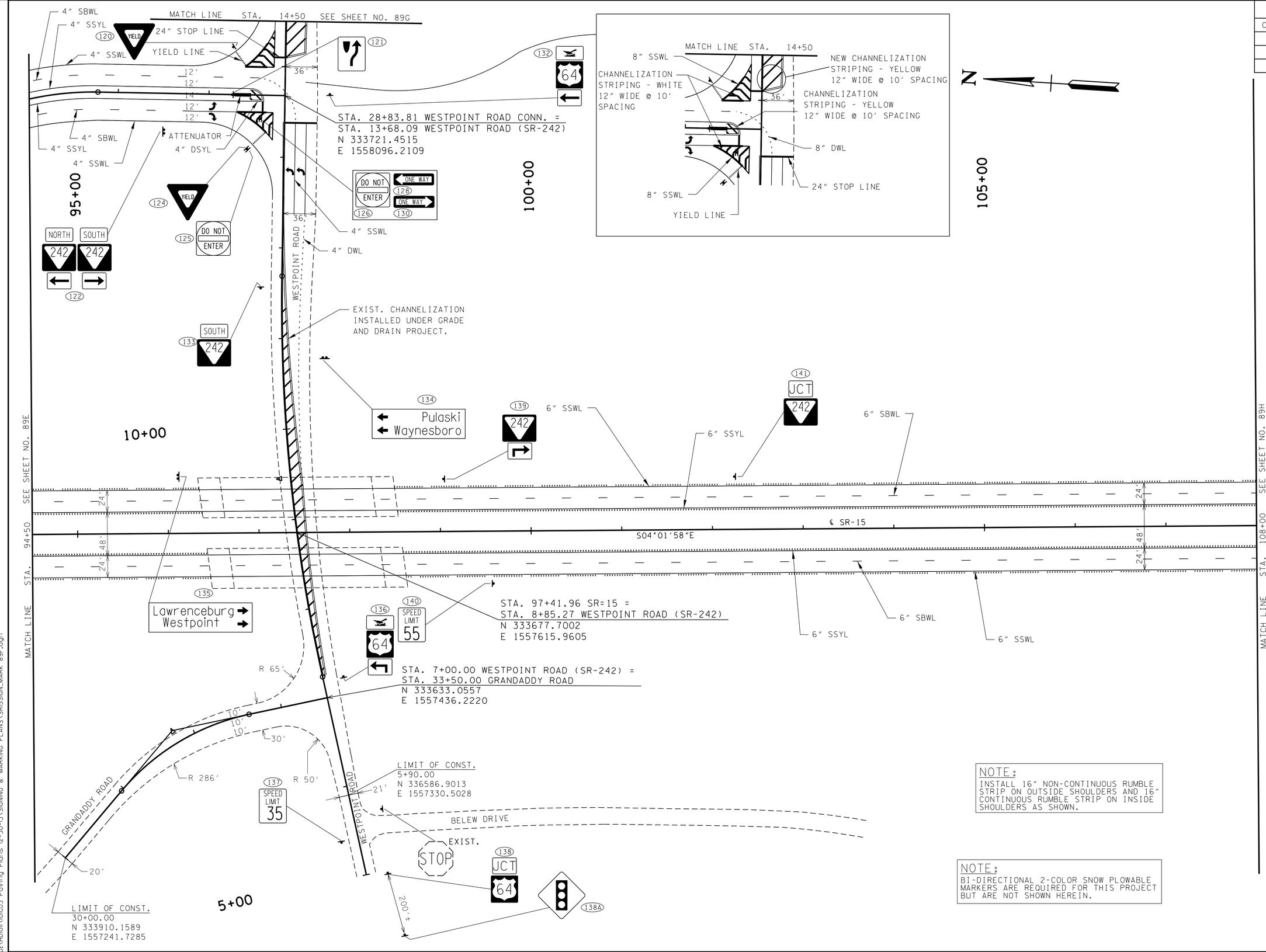
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89F



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 94+50 TO STA. 108+00

SCALE: 1"=50'

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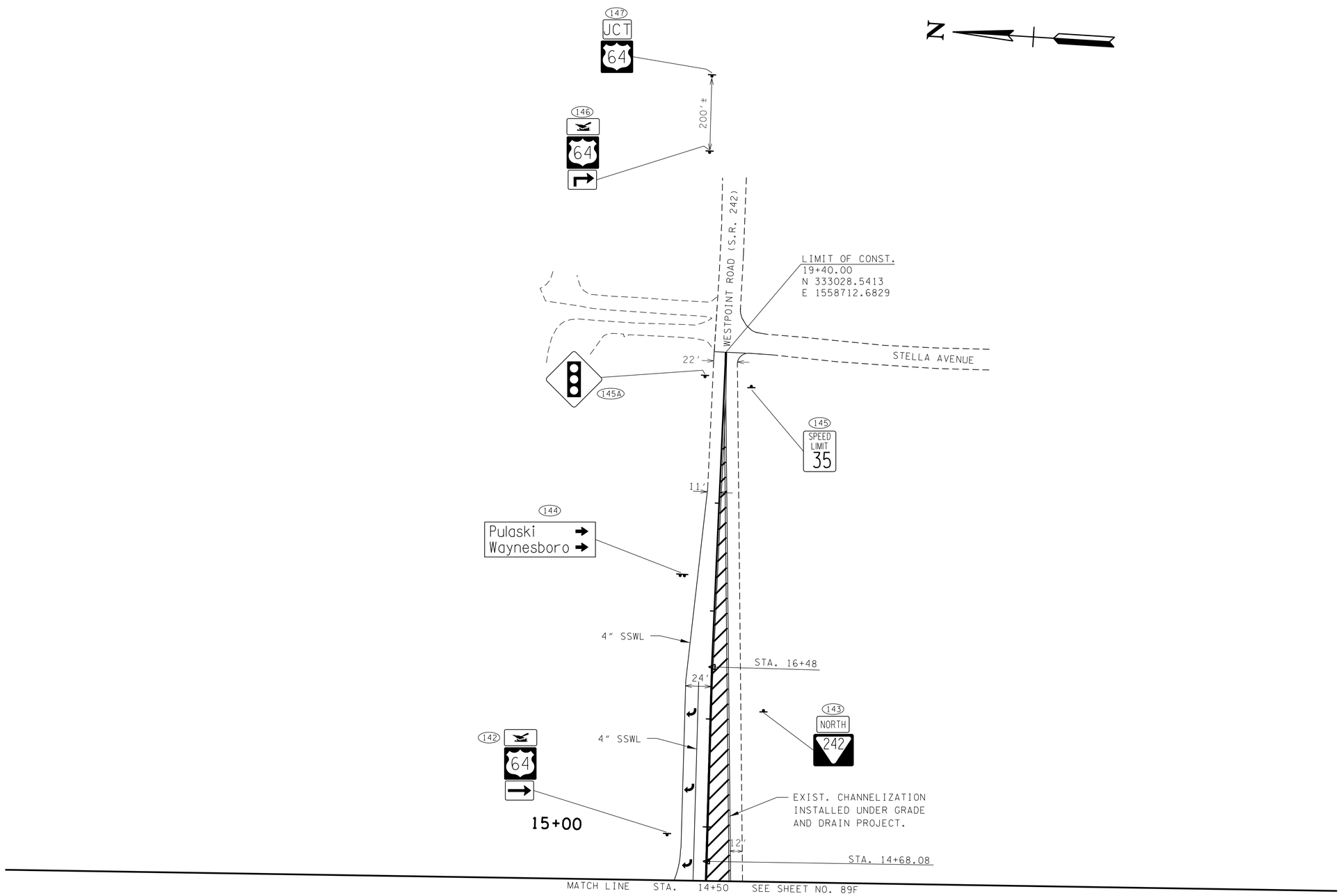
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89G



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 14+50 TO STA. 19+40

SCALE: 1"=50'

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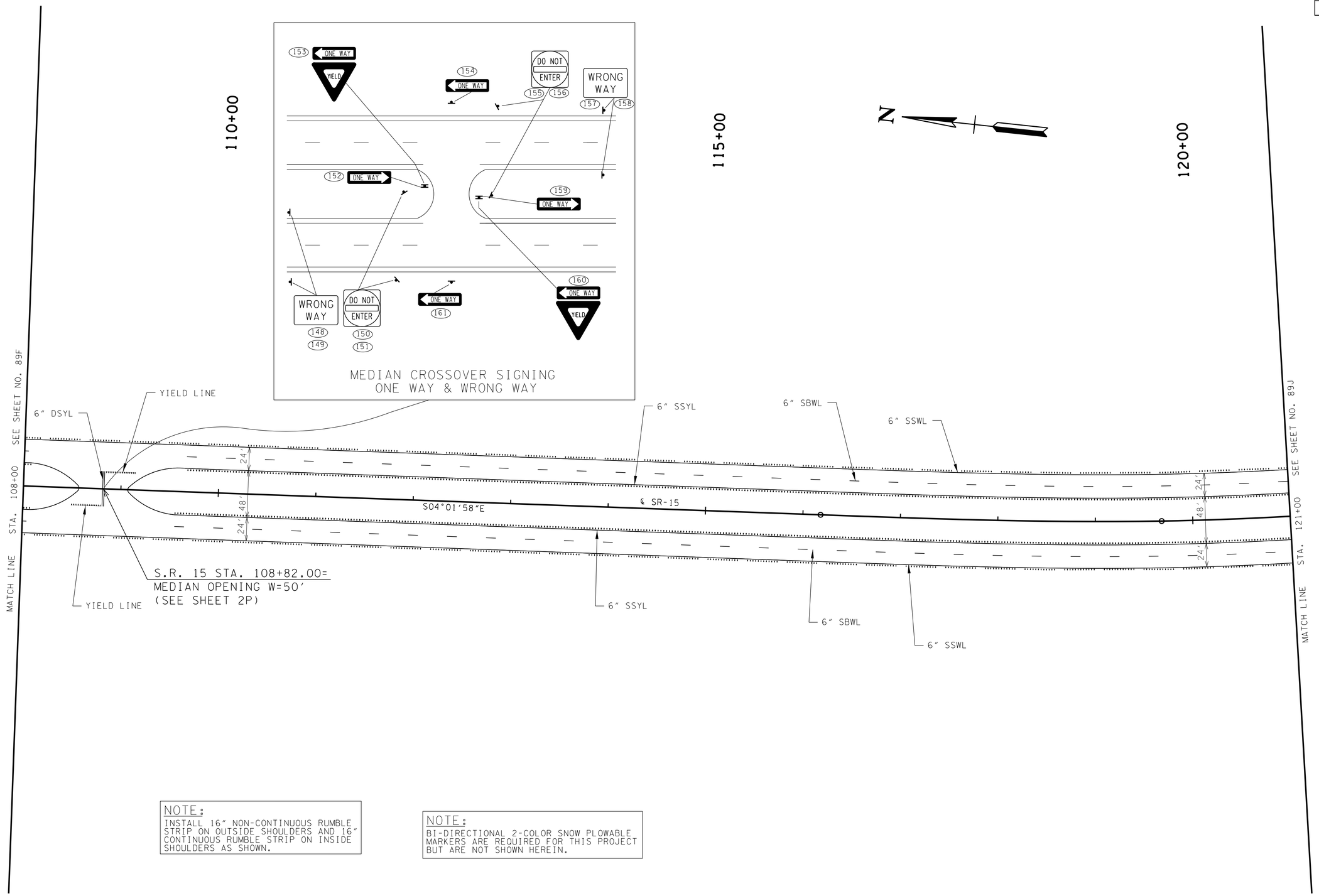
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89H

MEDIAN CROSSOVER SIGNING
ONE WAY & WRONG WAY



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 108+00 TO STA. 121+00

SCALE: 1"=50'

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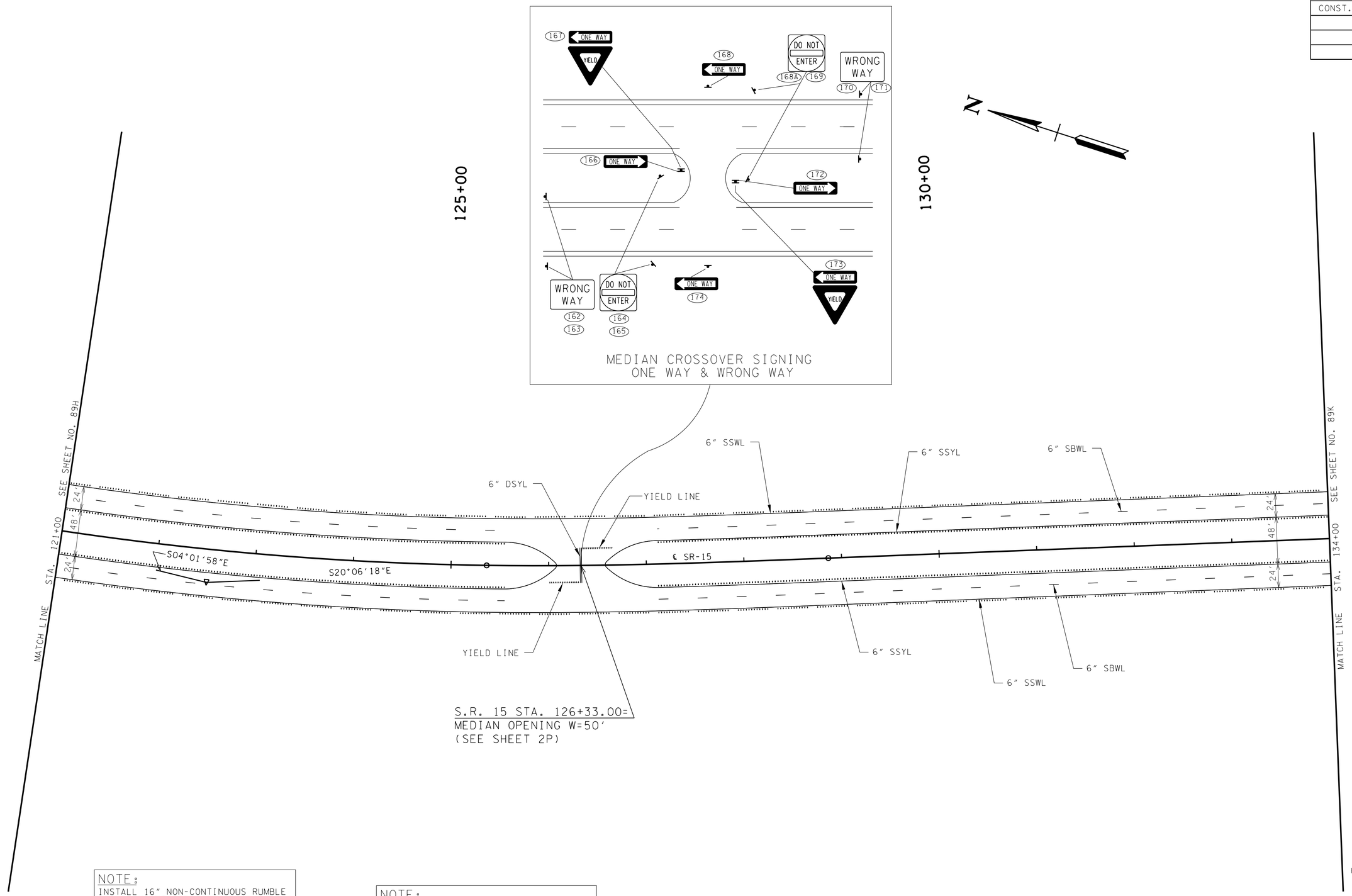
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89J



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 121+00 TO STA. 134+00

SCALE: 1"=50'

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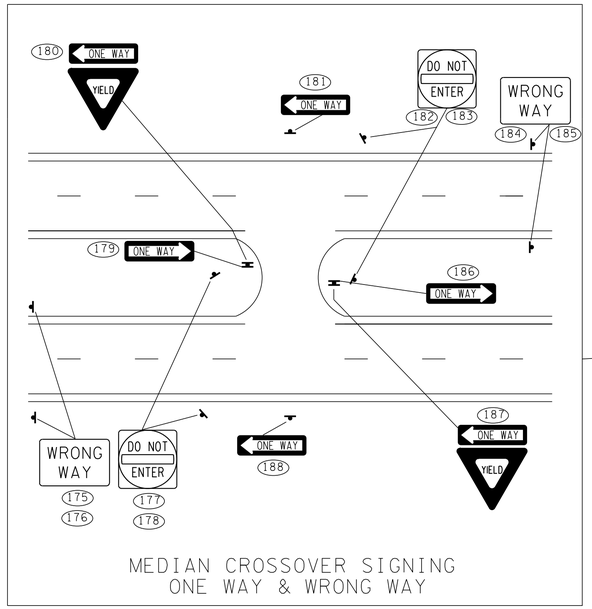
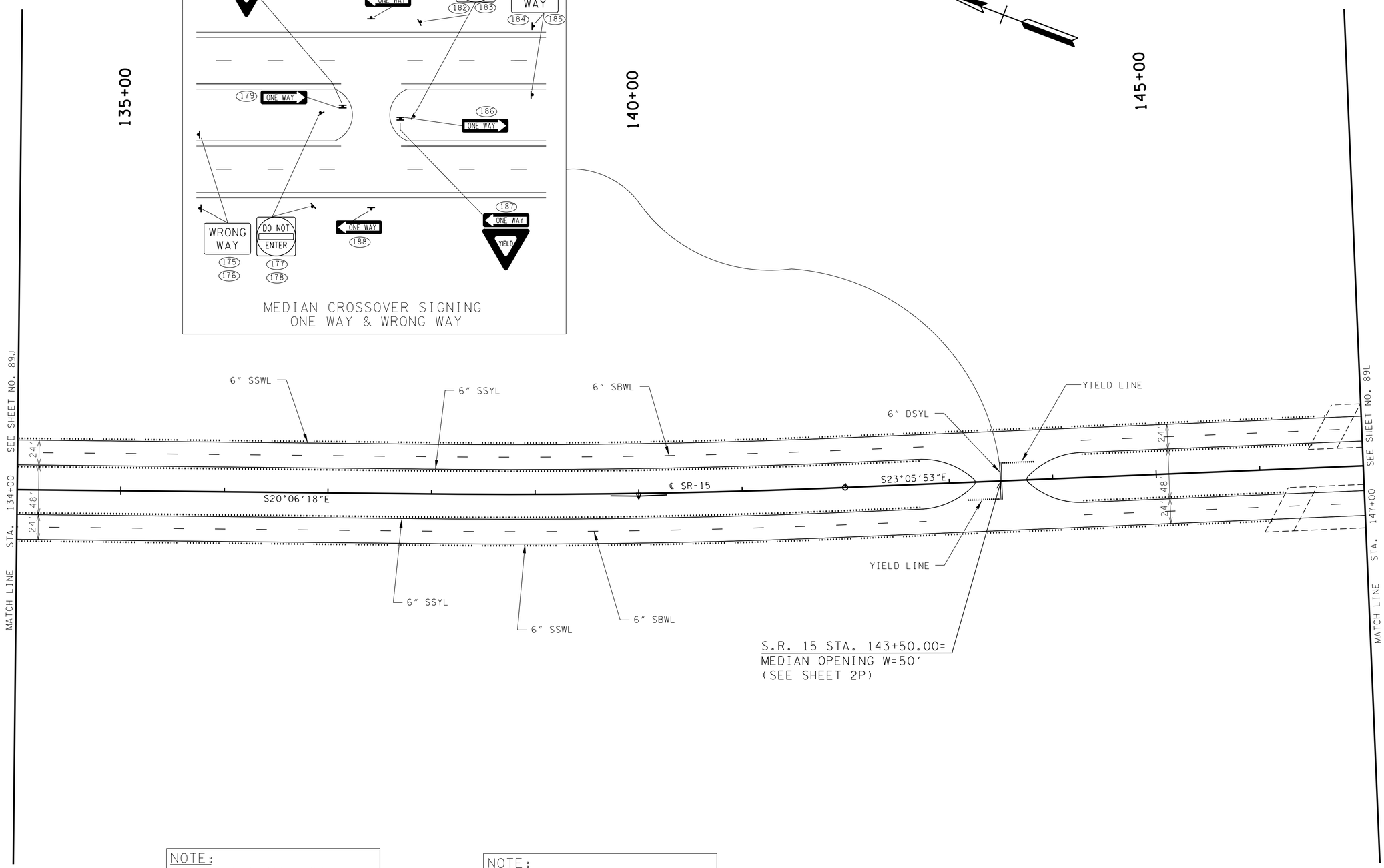
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89K



MEDIAN CROSSOVER SIGNING
ONE WAY & WRONG WAY



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 134+00 TO STA. 147+00

SCALE: 1"=50'

4/30/2014 4:09:42 PM
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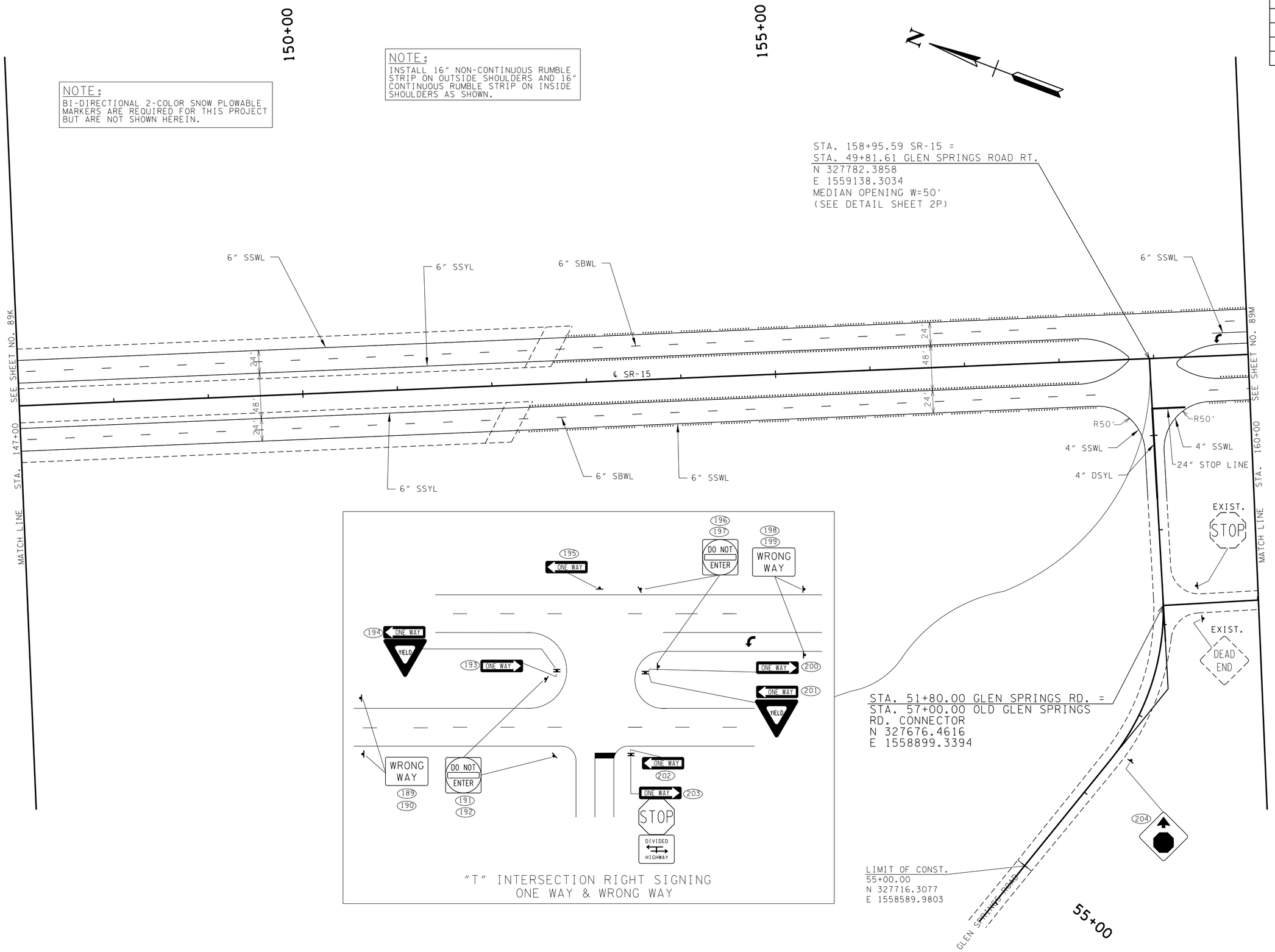
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89L

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.



"T" INTERSECTION RIGHT SIGNING
ONE WAY & WRONG WAY

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 147+00 TO STA. 160+00

SCALE: 1"=50'

4/30/2014 1:09:43 PM
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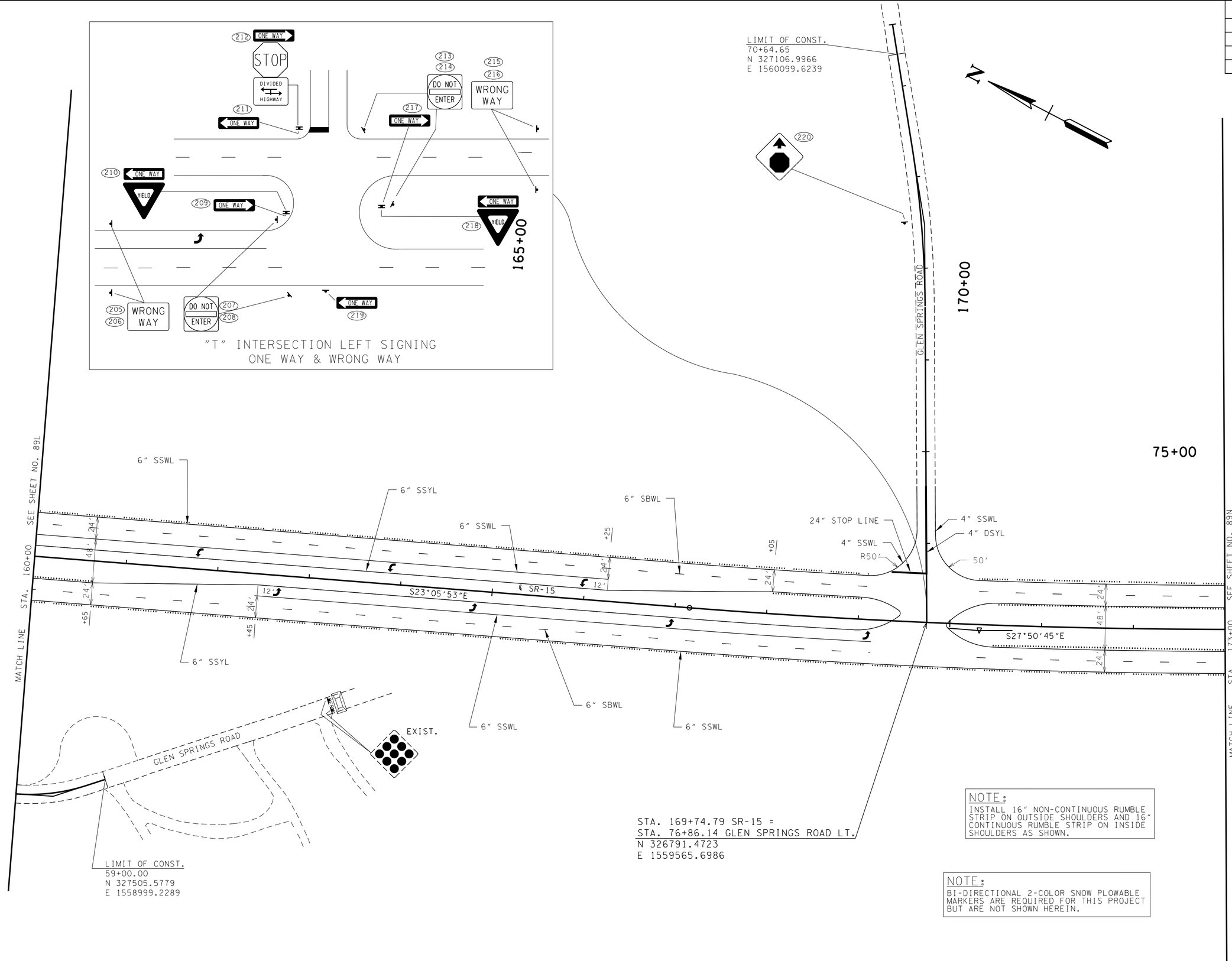
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89M



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 160+00 TO STA. 173+00

SCALE: 1"=50'

4/30/2014 1:09:44 PM
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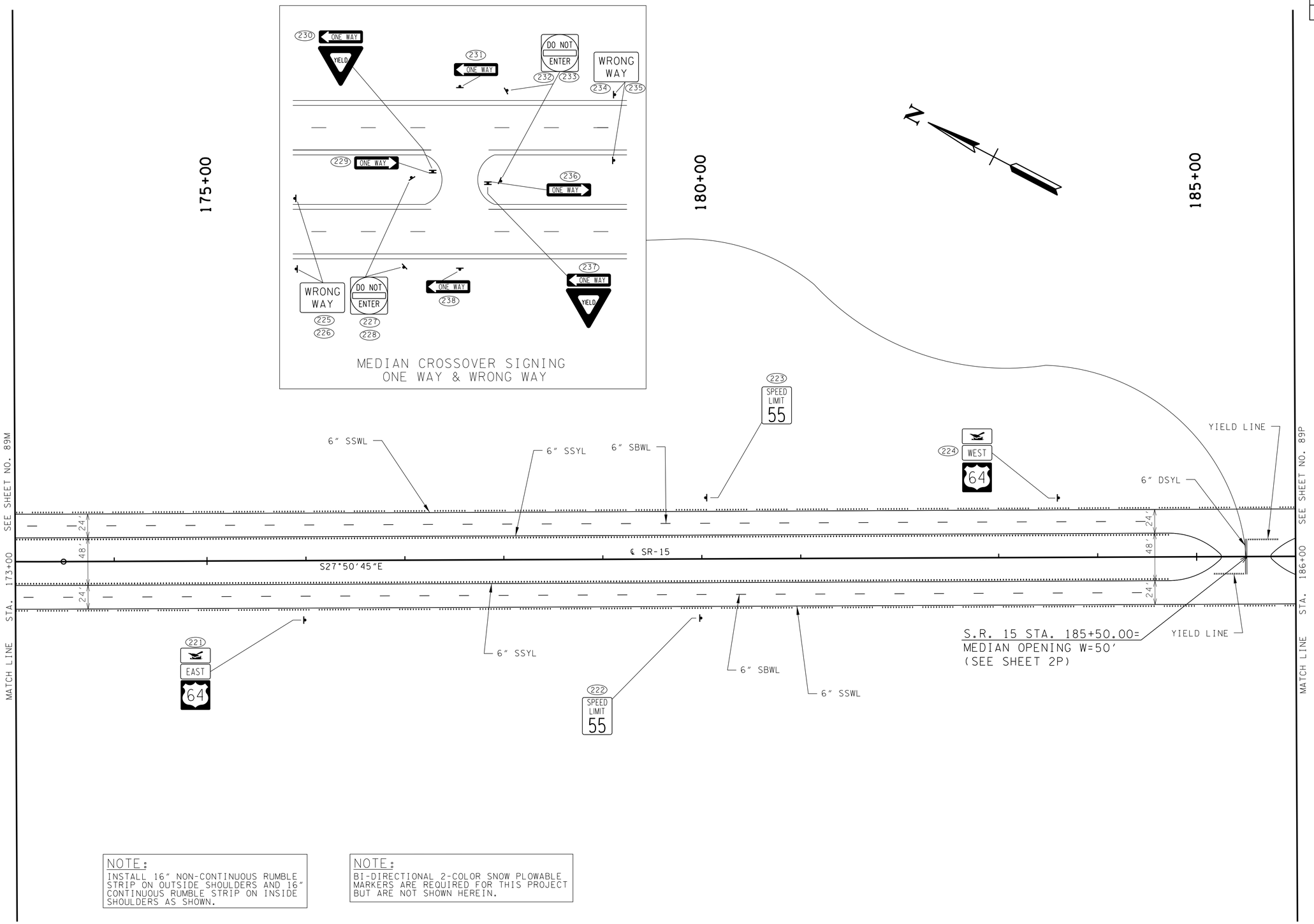
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89N



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 173+00 TO STA. 186+00

SCALE: 1"=50'

4/30/2014 1:09:45 PM
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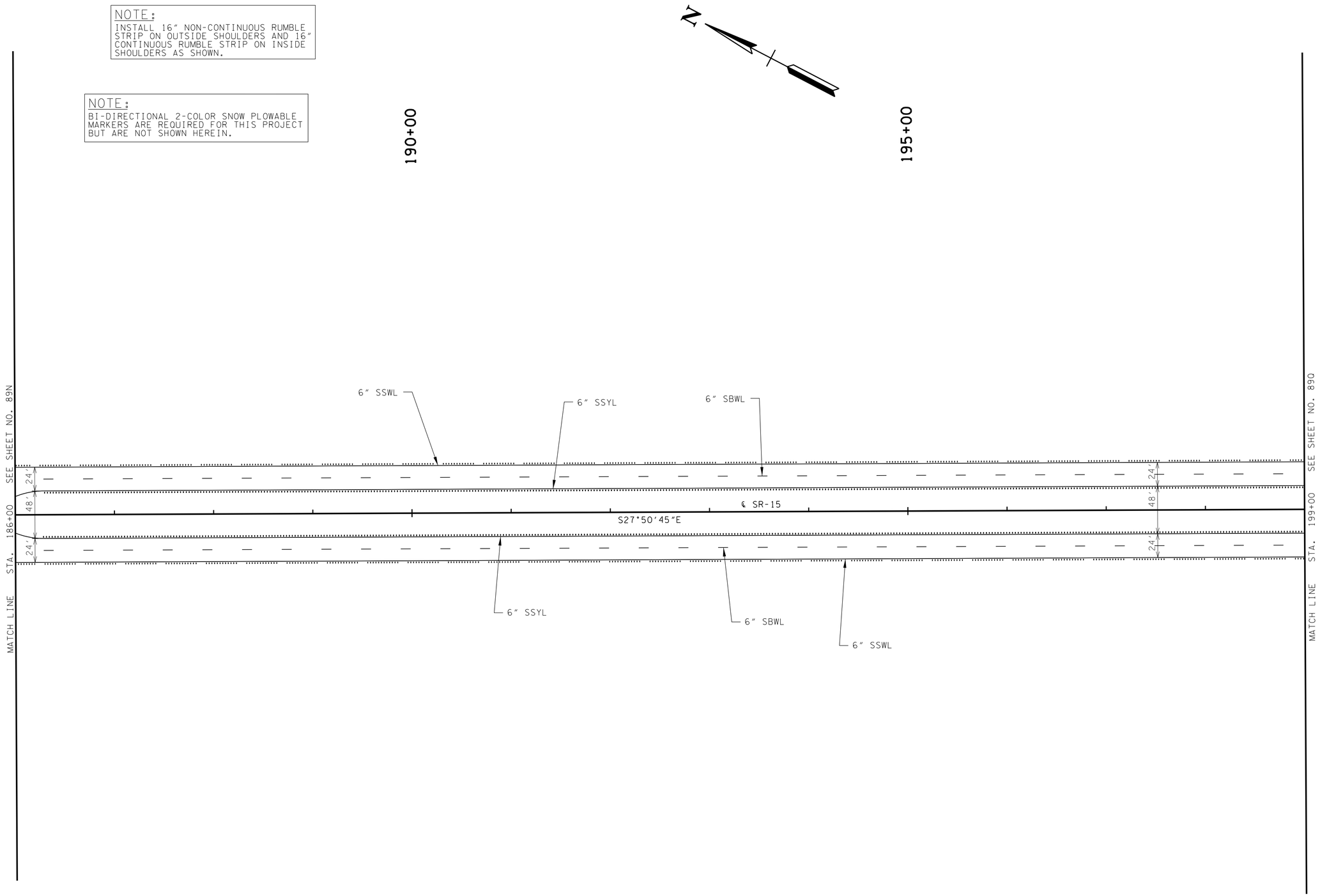
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89P

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 186+00 TO STA. 199+00

SCALE: 1"=50'

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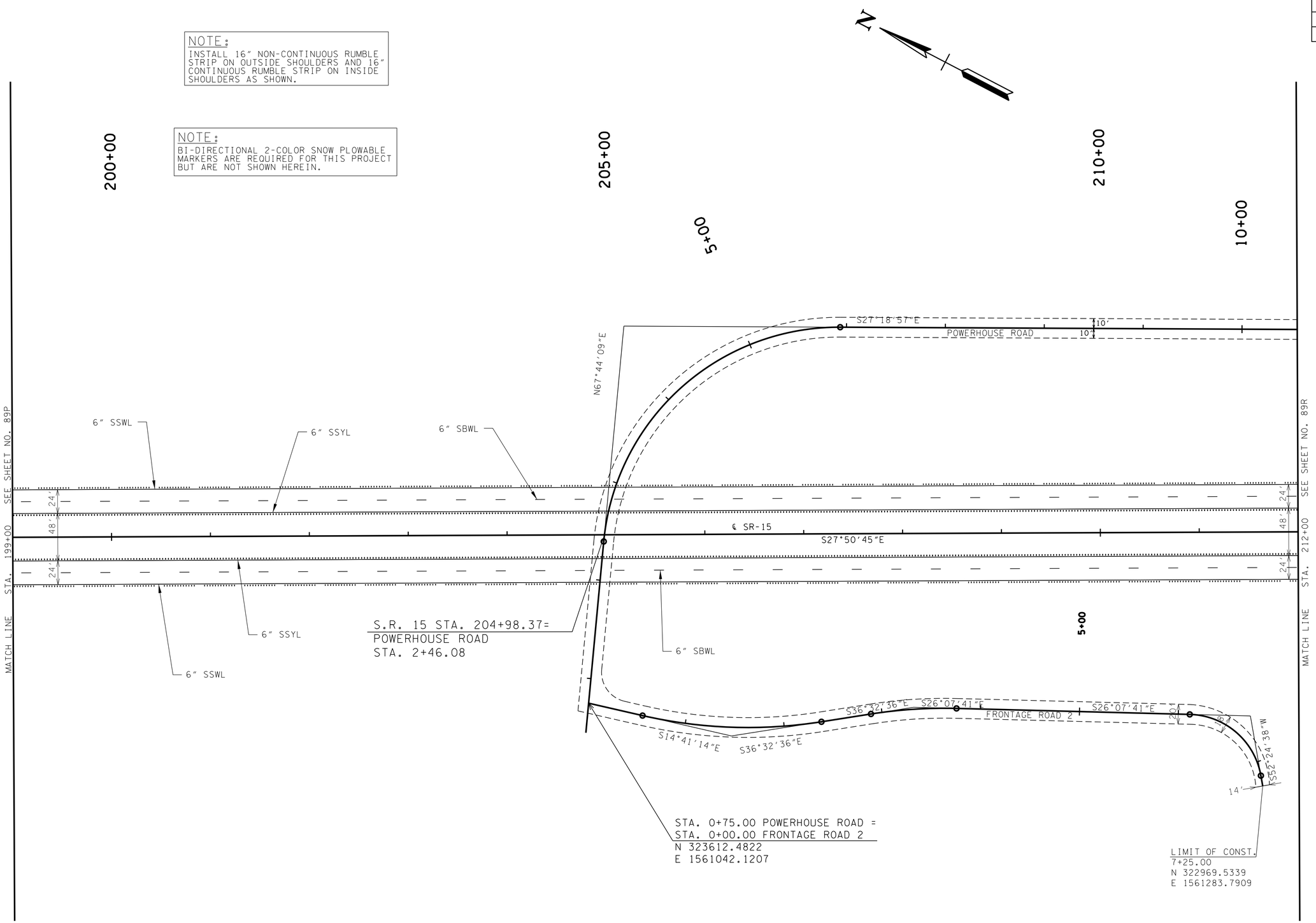
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89Q

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 199+00 TO STA. 212+00

SCALE: 1"=50'

4/30/2014 1:09:47 PM
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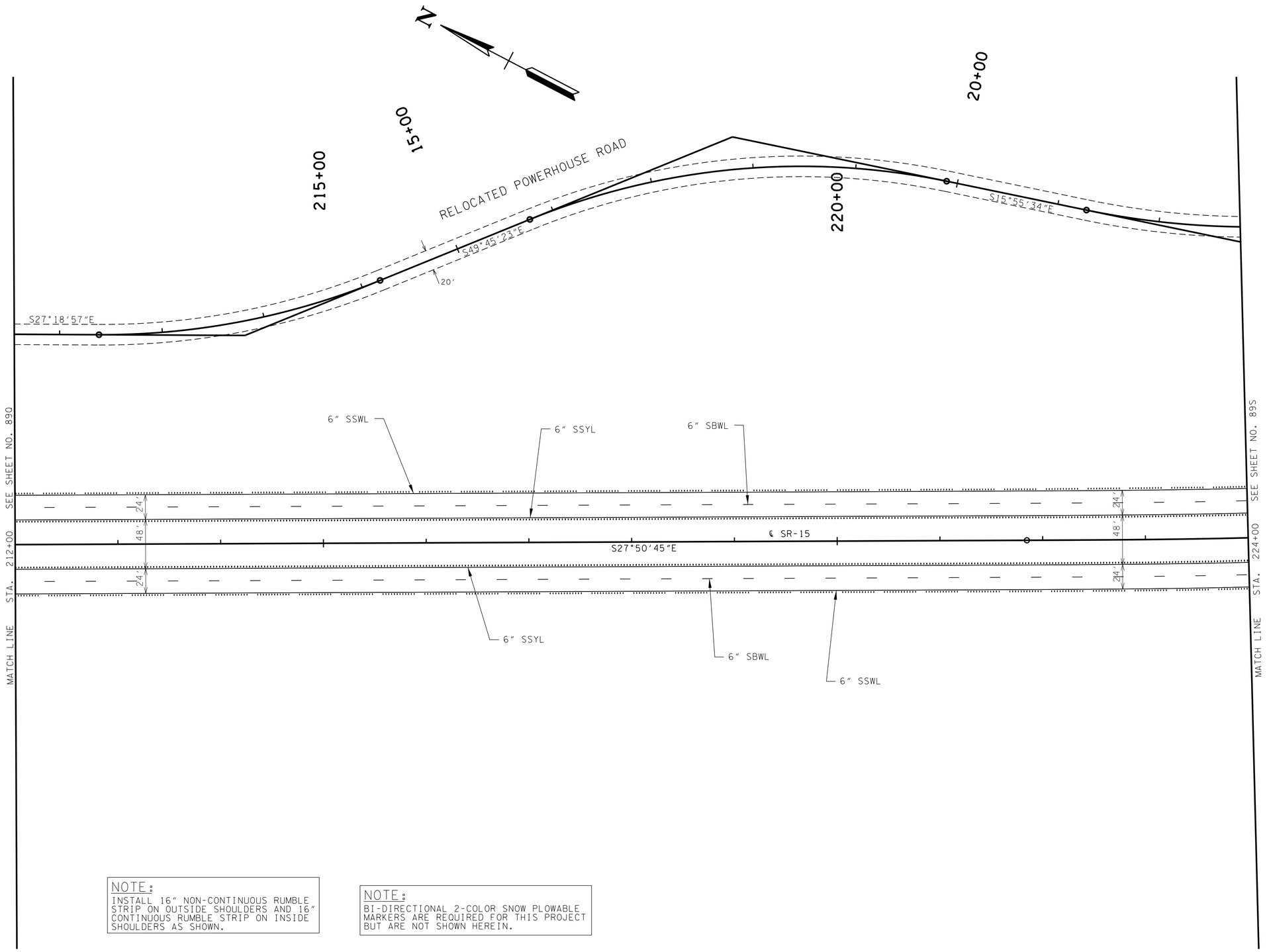
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89R



NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 212+00 TO STA. 224+00

SCALE: 1"=50'

4/30/2014 4:09:48 PM
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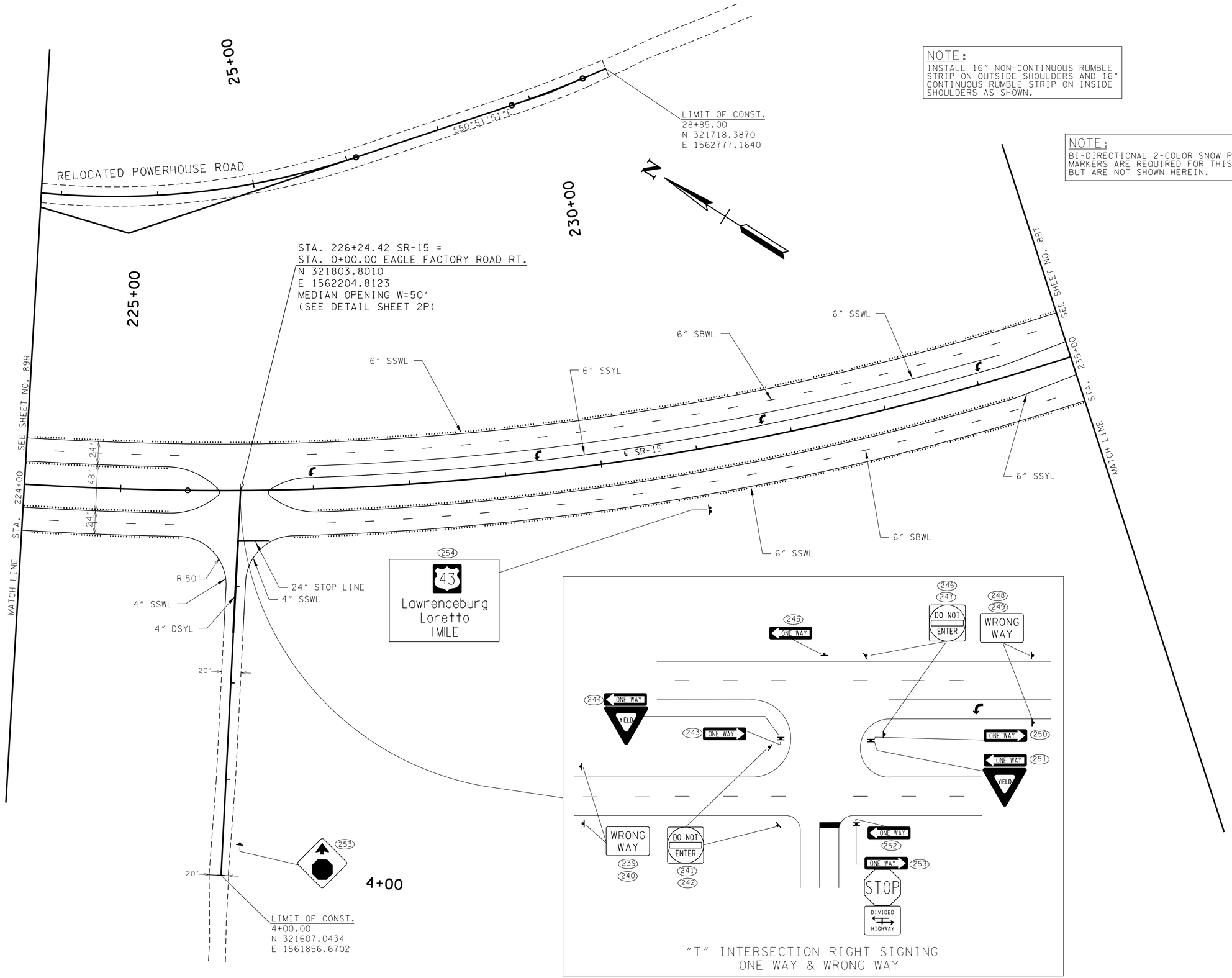
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89S

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



"T" INTERSECTION RIGHT SIGNING
ONE WAY & WRONG WAY

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 224+00 TO STA. 235+00

SCALE: 1"=50'

4/30/2014 1:09:50 PM
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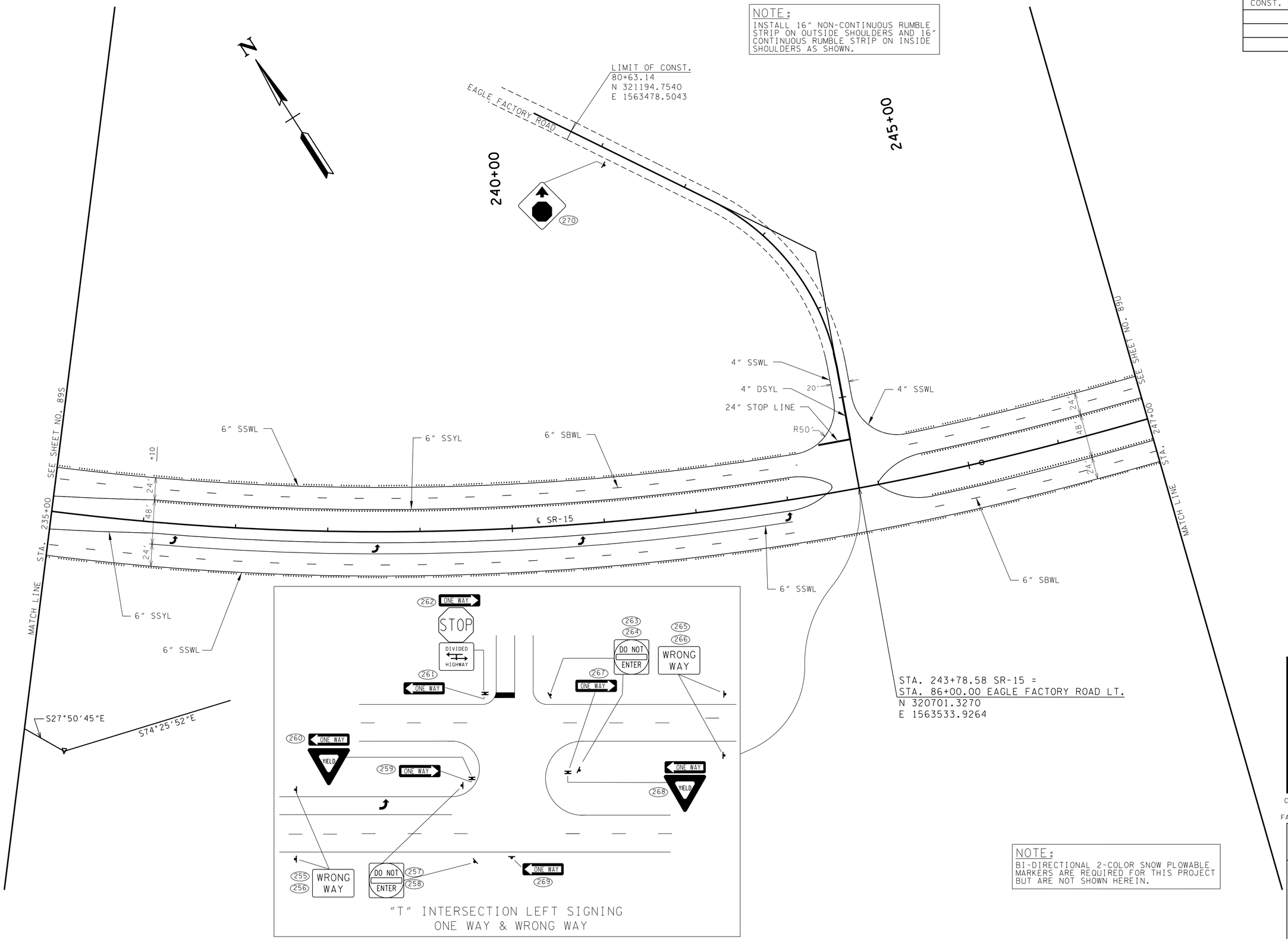
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89T

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.



NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 235+00 TO STA. 247+00

SCALE: 1"=50'

4/30/2014 1:09:51 PM
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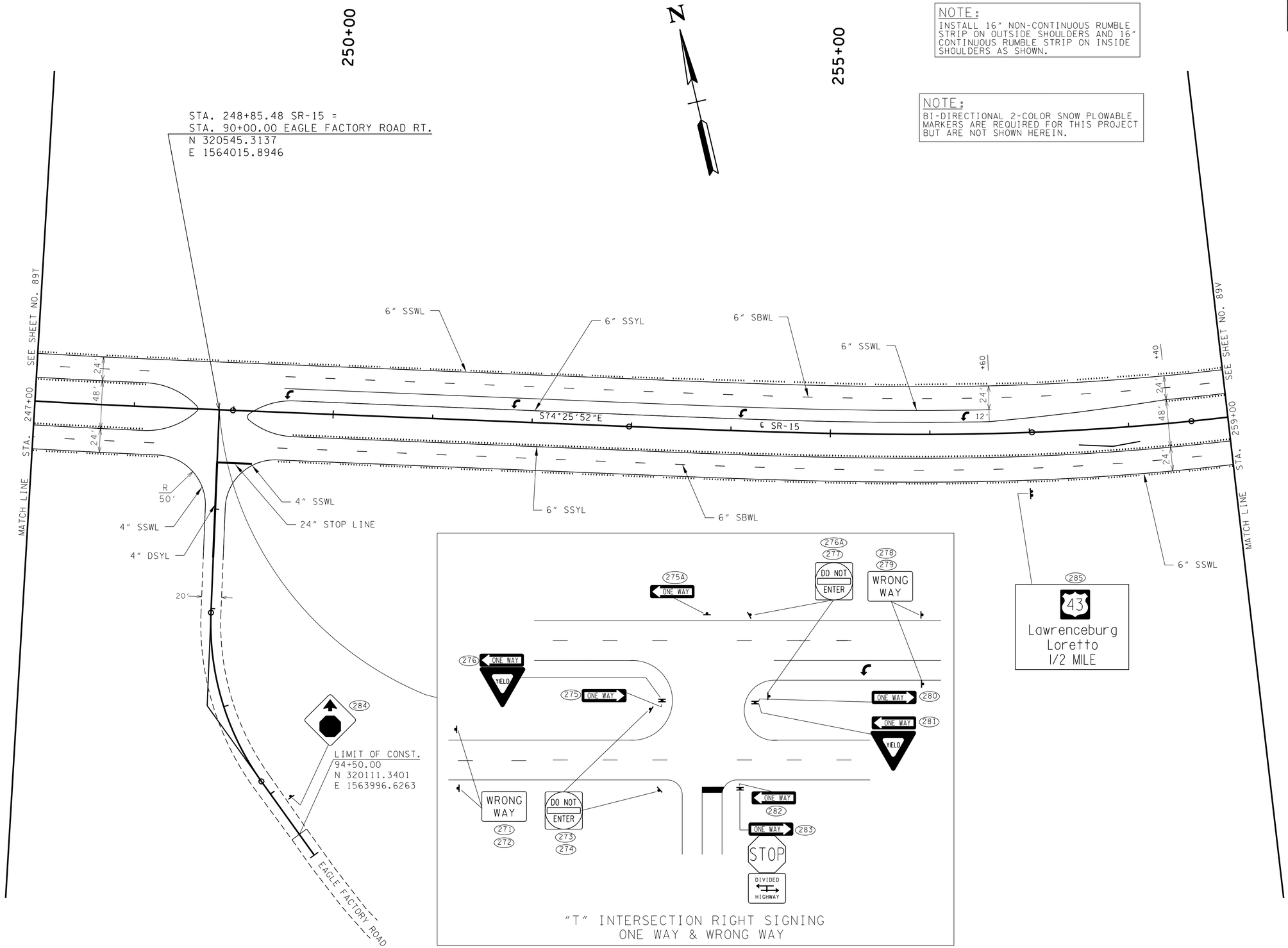
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89U

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 247+00 TO STA. 259+00

SCALE: 1"=50'

4/30/2014 1:09:52 PM
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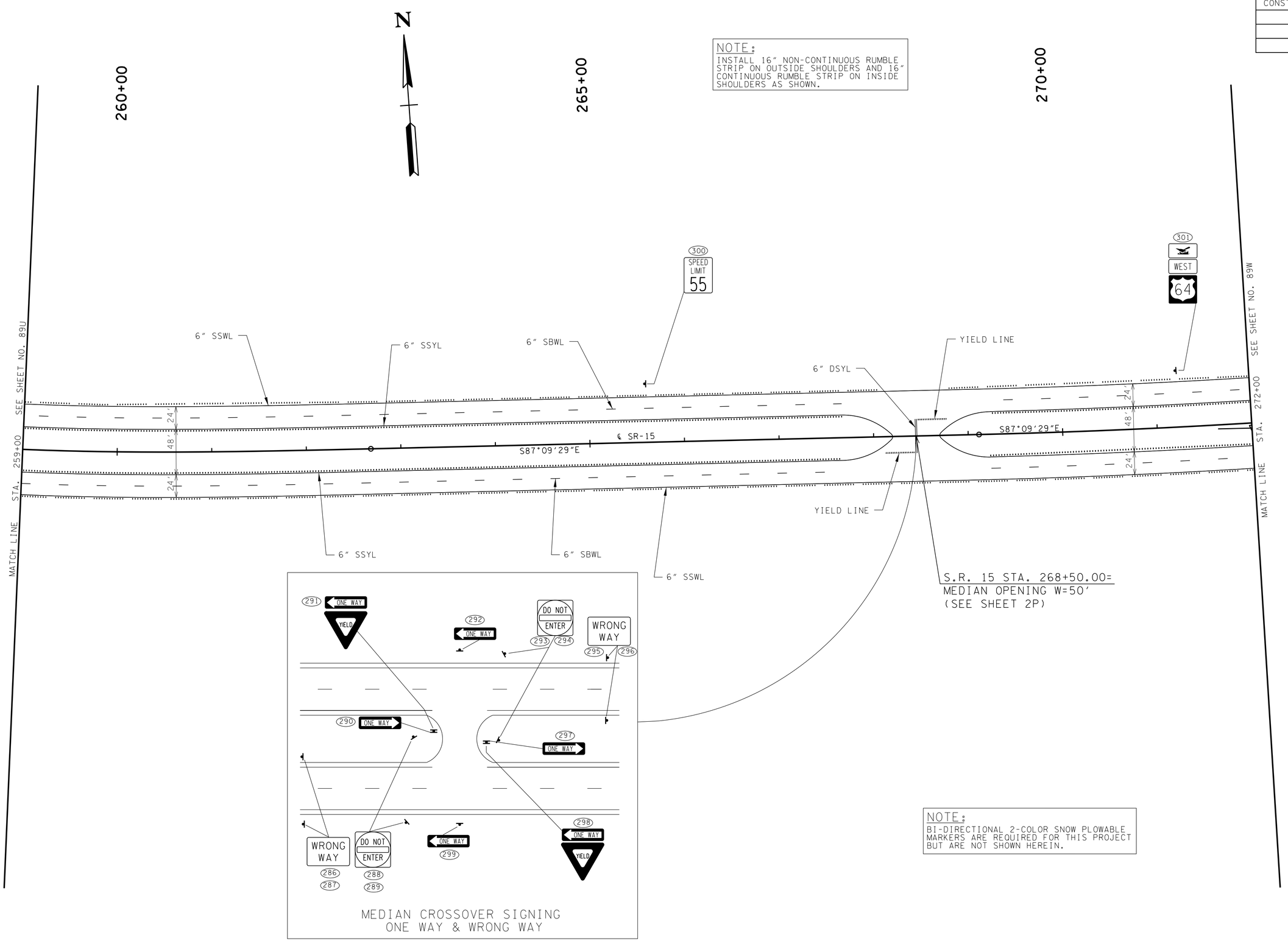
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89V

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.



NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 259+00 TO STA. 272+00

SCALE: 1"=50'

4/30/2014 1:09:53 PM
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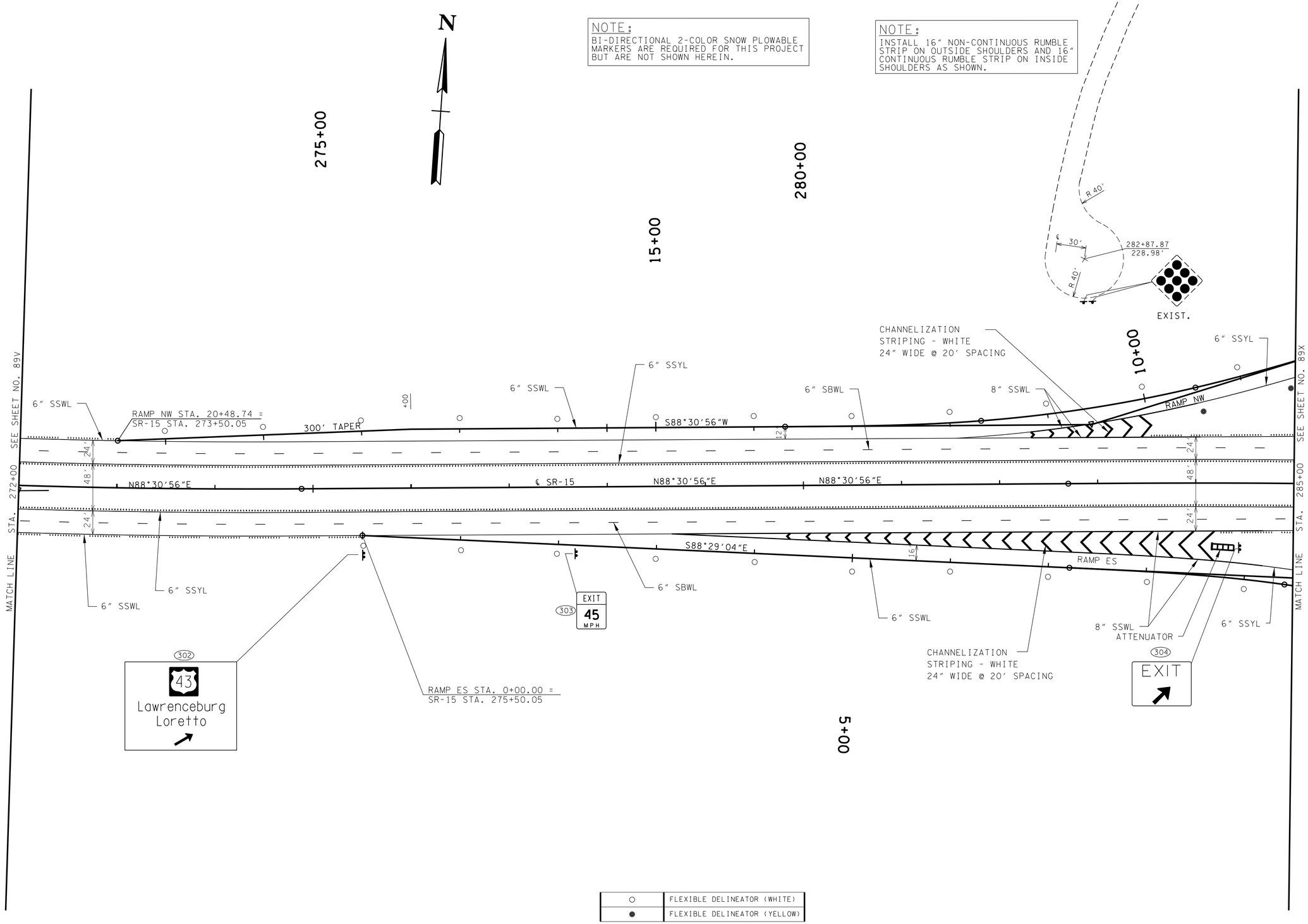
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89W

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.



○	FLEXIBLE DELINEATOR (WHITE)
●	FLEXIBLE DELINEATOR (YELLOW)

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 272+00 TO STA. 285+00

SCALE: 1"=50'

4/30/2014 1:09:54 PM
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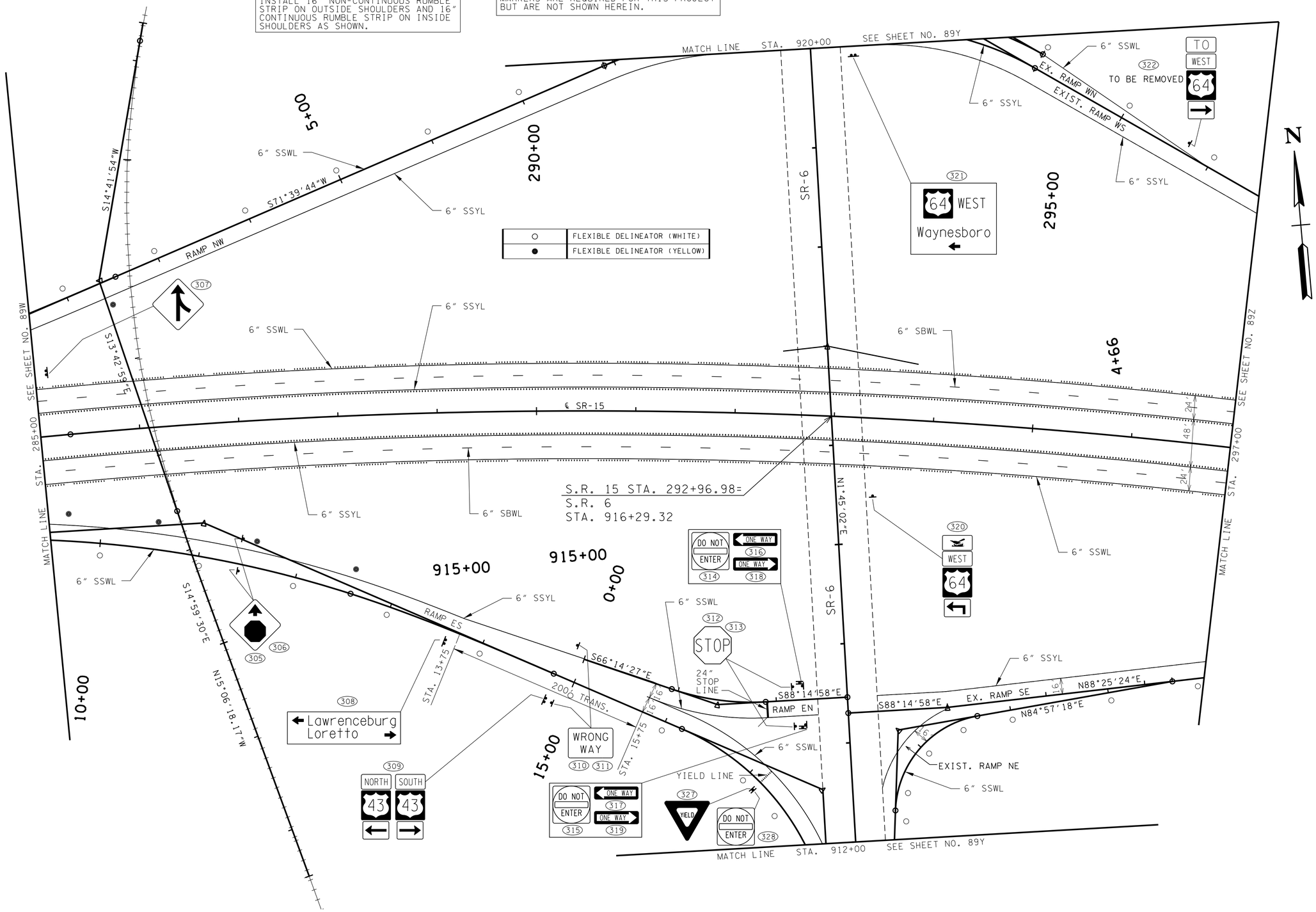
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89X

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.



○	FLEXIBLE DELINEATOR (WHITE)
●	FLEXIBLE DELINEATOR (YELLOW)

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 285+00 TO STA. 297+00

SCALE: 1"=50'

4/30/2014 1:09:56 PM
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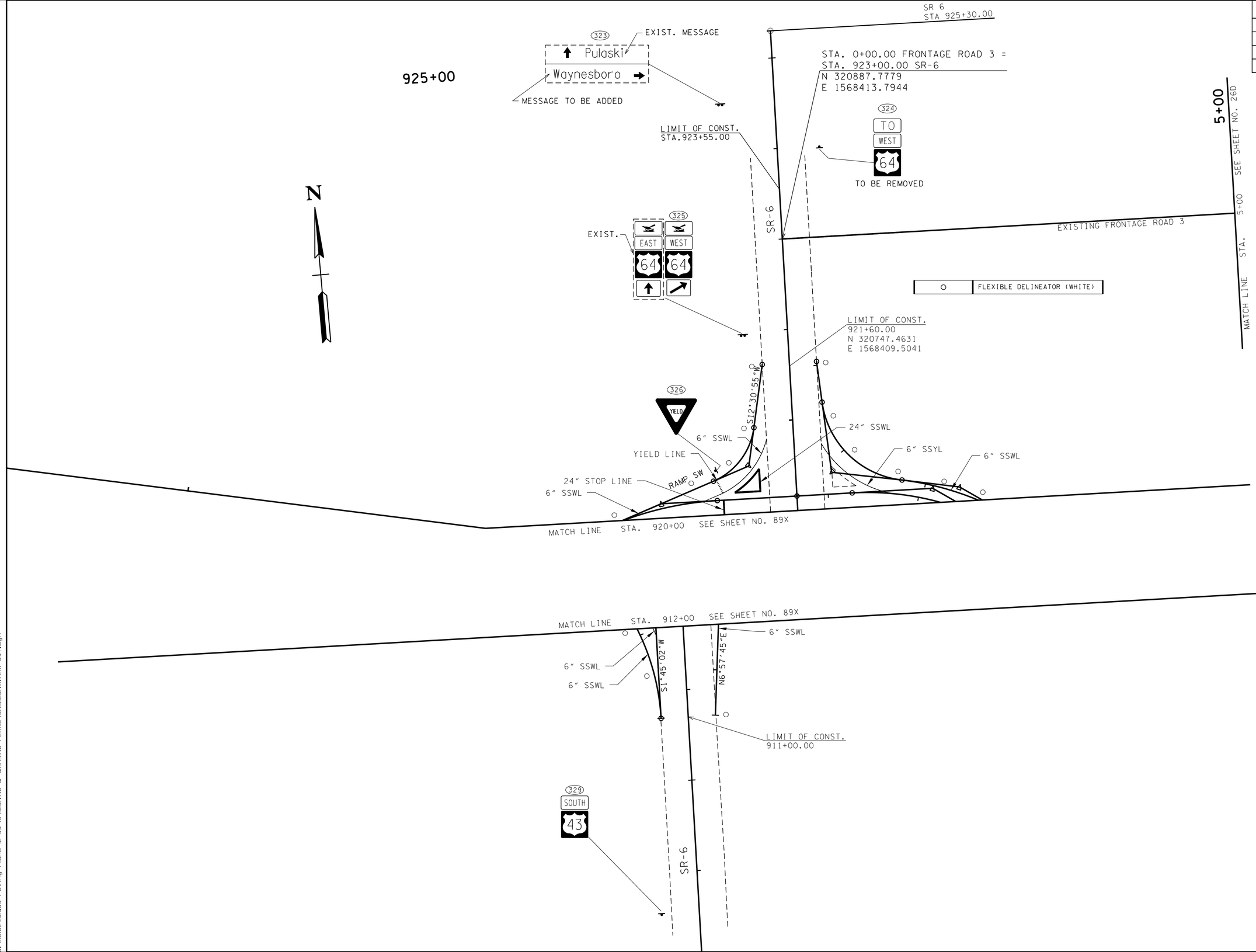
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89Y



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

SCALE: 1"=50'

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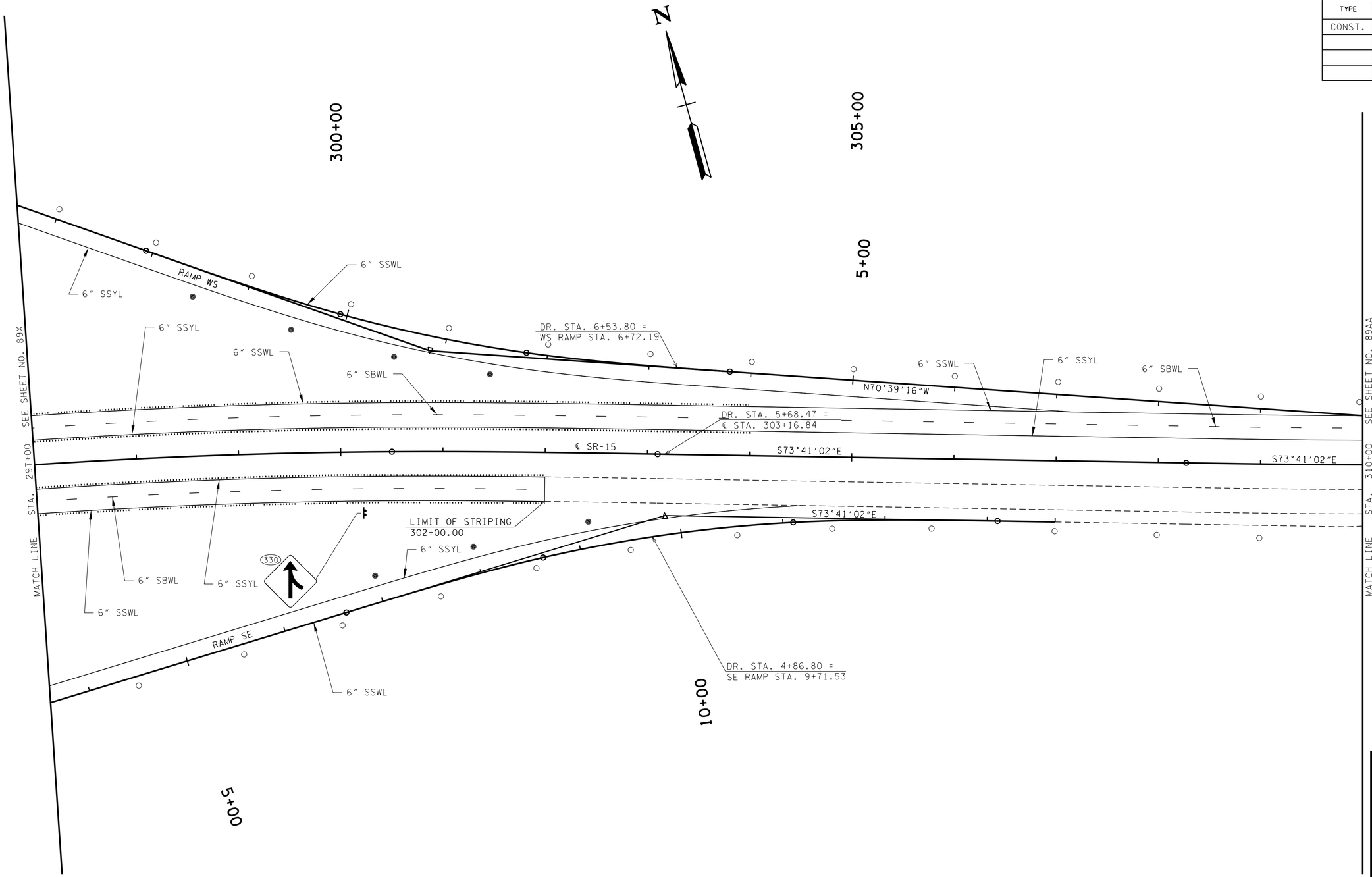
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89Z



NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

NOTE:
INSTALL 16" NON-CONTINUOUS RUMBLE STRIP ON OUTSIDE SHOULDERS AND 16" CONTINUOUS RUMBLE STRIP ON INSIDE SHOULDERS AS SHOWN.

○	FLEXIBLE DELINEATOR (WHITE)
●	FLEXIBLE DELINEATOR (YELLOW)

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 297+00 TO STA. 310+00

SCALE: 1"=50'

4/30/2014 1:09:58 PM
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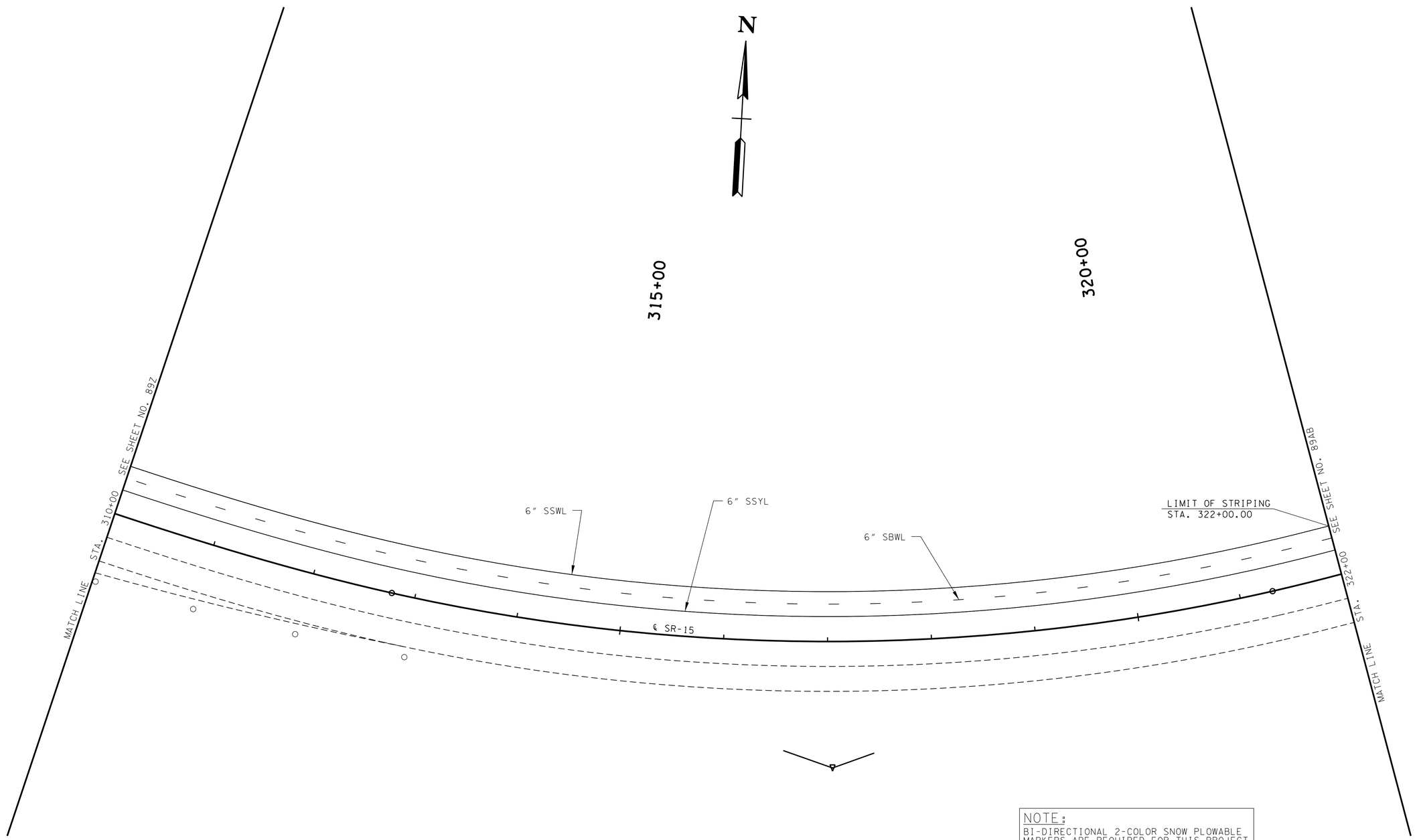
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89AA



○	FLEXIBLE DELINEATOR (WHITE)

NOTE:
BI-DIRECTIONAL 2-COLOR SNOW PLOWABLE MARKERS ARE REQUIRED FOR THIS PROJECT BUT ARE NOT SHOWN HEREIN.

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 310+00 TO STA. 322+00

SCALE: 1"=50'

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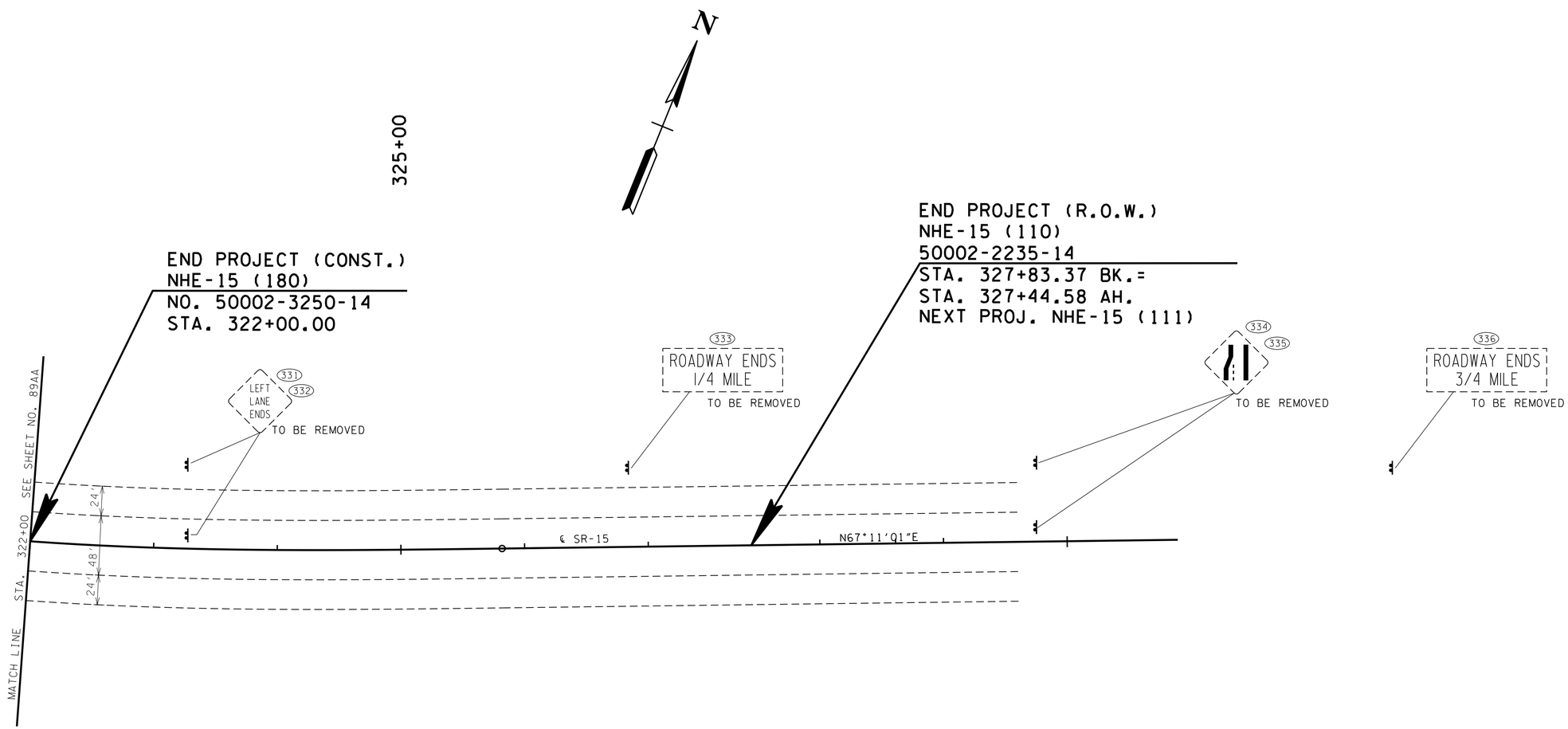
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	89AB



UNOFFICIAL SET

NOT FOR BIDDING

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 1.000037 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

STA. 322+00 TO STA. 330+00

SCALE: 1"=50'

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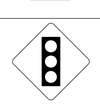
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90

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

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
43		R2-1		36"	48"									BLACK	WHITE (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
82																		h =13'-6"					
140																		h =13'-6"					
222																		h =13'-6"					
223																		h =13'-6"					
300																		h =13'-6"					
137		R2-1		36"	48"									BLACK	WHITE (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
145																		h =13'-6"					
24		R1-1		36"	36"									WHITE (REF.)	RED (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
312																		h =12'-6"					
313																		h =12'-6"					
26		W3-1		36"	36"									(ARROW) BLACK (STOP) RED (REF.)	YELLOW (FLOR.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
27																		h =13'-6"					
60																		h =13'-6"					
61																		h =13'-6"					
78																		h =13'-6"					
79																		h =13'-6"					
114																		h =13'-6"					
204																		h =13'-6"					
220																		h =13'-6"					
253A																		h =13'-6"					
270																		h =13'-6"					
284																		h =13'-6"					
305																		h =13'-6"					
306																		h =13'-6"					
117		R4-7		24"	30"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	U3	h =12'-6"				5'-0"	
121																		h =12'-6"					
115		W3-3		36"	36"									BLACK RED (REF.) GREEN (REF.)	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
138A																		h =13'-6"					
145A																		h =13'-6"					
22		R1-2		36"X36"X36"										RED (REF.)	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
103																		h =12'-6"					
120																		h =12'-6"					
124																		h =12'-6"					
326																		h =12'-6"					
327																		h =12'-6"					
304		TN-36		6'-0"	5'-0"	6"	2"	12"			EMOD		TYPE "F" @ 45°	WHITE (REF.)	GREEN (REF.)	5-12" ALUMINUM EXTRUSIONS	S4X7.7	h_1=15'-0" h_2=15'-0"	TYPE 5 D=1'-3"	0.18	50.1	7'-0"	

UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90A

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

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
307		W4-1		48"	48"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	S3X5.7	h_1=14'-3" h_2=14'-9"	TYPE 5 D=1'-3"	0.18	50.1	6'-0"	
330																		h_1=14'-3" h_2=14'-9"					
303		W13-2		48"	60"									BLACK	WHITE (REF.)	0.100" SHEET ALUMINUM	S3X5.7	h_1=15'-0" h_2=15'-6"	TYPE 5 D=1'-3"	0.18	50.1	6'-0"	
5										SEE STD.	DWG. T-S-18												TO BE PAID FOR UNDER ITEM NO. 713-16.07
6																							
25		W14-1		30"	30"									BLACK	YELLOW (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
14		R6-1R R1-1 W1-8L		36" 36" 30"	12" 36" 24"									BLACK WHITE (REF.) BLACK	WHITE (REF.) BLACK RED (REF.) WHITE (REF.)	0.080" SHEET ALUMINUM	P5	h =13'-0"				5'-0"	SLIP BASE REQUIRED ITEM NO. 713-11.21 SEE STD. DWG. T-S-23A.
51																		h =13'-0"					
59																		h =13'-0"					
69																		h =13'-0"					
77																		h =13'-0"					
94																		h =13'-0"					
203																		h =13'-0"					
212																		h =13'-0"					
253																		h =13'-0"					
262																		h =13'-0"					
283																		h =13'-0"					
9		R5-1		36"	36"									WHITE (REF.)	WHITE (REF.) RED (REF.)	0.100" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
10																		h =12'-6"					
15																		h =12'-6"					
16																		h =12'-6"					
31																		h =12'-6"					
32																		h =12'-6"					
36																		h =12'-6"					
37																		h =12'-6"					
46																		h =12'-6"					
47																		h =12'-6"					
52																		h =12'-6"					
53																		h =12'-6"					
64																		h =12'-6"					
65																		h =12'-6"					
70																		h =12'-6"					
71																		h =12'-6"					
89																		h =12'-6"					
90																		h =12'-6"					

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90B

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

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
95																	h =12'-6"					
96																	h =12'-6"					
104																	h =12'-6"					
126																	h =12'-6"					
150																	h =12'-6"					
151																	h =12'-6"					
155																	h =12'-6"					
156																	h =12'-6"					
164																	h =12'-6"					
165																	h =12'-6"					
168																	h =12'-6"					
169																	h =12'-6"					
177																	h =12'-6"					
178																	h =12'-6"					
182																	h =12'-6"					
183																	h =12'-6"					
191																	h =12'-6"					
192																	h =12'-6"					
196																	h =12'-6"					
197																	h =12'-6"					
207	DO NOT ENTER	R5-1	36"	36"									WHITE (REF.)	WHITE (REF.) RED (REF.)	0.100" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
208																	h =12'-6"					
213																	h =12'-6"					
214																	h =12'-6"					
227																	h =12'-6"					
228																	h =12'-6"					
232																	h =12'-6"					
233																	h =12'-6"					
241																	h =12'-6"					
242																	h =12'-6"					
246																	h =12'-6"					
247																	h =12'-6"					
257																	h =12'-6"					
258																	h =12'-6"					
263																	h =12'-6"					
264																	h =12'-6"					
273																	h =12'-6"					
274																	h =12'-6"					
276A																	h =12'-6"					
277																	h =12'-6"					
288																	h =12'-6"					
289																	h =12'-6"					
293																	h =12'-6"					
294																	h =12'-6"					
314																	h =12'-6"					

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SIGN SCHEDULE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90C

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
315	DO NOT / ENTER	R5-1		36"	36"									WHITE (REF.)	WHITE (REF.) RED (REF.)	0.100" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
102																							MOUNTED BEHIND SIGN NO. 103
125																							MOUNTED BEHIND SIGN NO. 124
328																							MOUNTED BEHIND SIGN NO. 327
7	WRONG WAY	R5-1A		36"	24"									WHITE (REF.)	RED (REF.)	0.080" SHEET ALUMINUM	P8	h =11'-6"				5'-0"	
8																		h =11'-6"					
17																		h =11'-6"					
18																		h =11'-6"					
29																		h =11'-6"					
30																		h =11'-6"					
38																		h =11'-6"					
39																		h =11'-6"					
44																		h =11'-6"					
45																		h =11'-6"					
54																		h =11'-6"					
55																		h =11'-6"					
62																		h =11'-6"					
63																		h =11'-6"					
72																		h =11'-6"					
73																		h =11'-6"					
87																		h =11'-6"					
88																		h =11'-6"					
97																		h =11'-6"					
98																		h =11'-6"					
111																		h =11'-6"					
148																		h =11'-6"					
149																		h =11'-6"					
157																		h =11'-6"					
158																		h =11'-6"					
162																		h =11'-6"					
163																		h =11'-6"					
170																		h =11'-6"					
171																		h =11'-6"					
175																		h =11'-6"					
176																		h =11'-6"					
184																		h =11'-6"					
185																		h =11'-6"					
189																		h =11'-6"					
190																		h =11'-6"					
198																		h =11'-6"					
199																		h =11'-6"					
205																		h =11'-6"					
206																		h =11'-6"					
215																		h =11'-6"					
216																		h =11'-6"					
225																		h =11'-6"					
226																		h =11'-6"					

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STATE OF TENNESSEE
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SIGN SCHEDULE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90D

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
234	WRONG WAY	R5-1A		36"	24"									WHITE (REF.)	RED (REF.)	0.080" SHEET ALUMINUM	P8	h =11'-6"				5'-0"	
235																		h =11'-6"					
239																		h =11'-6"					
240																		h =11'-6"					
248																		h =11'-6"					
249																		h =11'-6"					
255																		h =11'-6"					
256																		h =11'-6"					
265																		h =11'-6"					
266																		h =11'-6"					
271																		h =11'-6"					
272																		h =11'-6"					
278																		h =11'-6"					
279																		h =11'-6"					
286																		h =11'-6"					
287																		h =11'-6"					
295																		h =11'-6"					
296																		h =11'-6"					
310																		h =11'-6"					
311																							MOUNTED BEHIND SIGN NO. 309
11	ONE WAY	R6-1R		36"	12"									BLACK	WHITE (REF.) BLACK	0.080" SHEET ALUMINUM							MOUNTED BEHIND SIGN NO. 12
19																							MOUNTED BEHIND SIGN NO. 20
33																							MOUNTED BEHIND SIGN NO. 34
40																							MOUNTED BEHIND SIGN NO. 41
48																							MOUNTED BEHIND SIGN NO. 49
56																							MOUNTED BEHIND SIGN NO. 57
66																							MOUNTED BEHIND SIGN NO. 67
74																							MOUNTED BEHIND SIGN NO. 75
91																							MOUNTED BEHIND SIGN NO. 92
99																							MOUNTED BEHIND SIGN NO. 100
152																							MOUNTED BEHIND SIGN NO. 153
159																							MOUNTED BEHIND SIGN NO. 160
166																							MOUNTED BEHIND SIGN NO. 167
172																							MOUNTED BEHIND SIGN NO. 173
179																							MOUNTED BEHIND SIGN NO. 180
186																							MOUNTED BEHIND SIGN NO. 187
193																							MOUNTED BEHIND SIGN NO. 194
200																							MOUNTED BEHIND SIGN NO. 201
209																							MOUNTED BEHIND SIGN NO. 210
217																							MOUNTED BEHIND SIGN NO. 218
229																							MOUNTED BEHIND SIGN NO. 230
236																							MOUNTED BEHIND SIGN NO. 237
243																							MOUNTED BEHIND SIGN NO. 244
108																							MOUNTED UNDER SIGN NO. 104
130																							MOUNTED UNDER SIGN NO. 126

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DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90E

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
250	ONE WAY R6-1R		36"	12"									BLACK	WHITE (REF.) BLACK	0.080" SHEET ALUMINUM							MOUNTED BEHIND SIGN NO. 251
259																						MOUNTED BEHIND SIGN NO. 260
267																						MOUNTED BEHIND SIGN NO. 268
275																						MOUNTED BEHIND SIGN NO. 276
280																						MOUNTED BEHIND SIGN NO. 281
290																						MOUNTED BEHIND SIGN NO. 291
297																						MOUNTED BEHIND SIGN NO. 298
318																						MOUNTED BEHIND SIGN NO. 316
319																						MOUNTED BEHIND SIGN NO. 317
21																U1	h =11'-0"				5'-0"	
35																	h =11'-0"					
42																	h =11'-0"					
101																	h =11'-0"					
154																	h =11'-0"					
161																	h =11'-0"					
168A																	h =11'-0"					
174																	h =11'-0"					
181																	h =11'-0"					
188																	h =11'-0"					
195																	h =11'-0"					
219																	h =11'-0"					
231	ONE WAY R6-1L		36"	12"									BLACK	WHITE (REF.) BLACK	0.080" SHEET ALUMINUM		h =11'-0"					
238																	h =11'-0"					
245																	h =11'-0"					
269																	h =11'-0"					
275A																	h =11'-0"					
292																	h =11'-0"					
299																	h =11'-0"					
316																	h =11'-0"					
317																	h =11'-0"					
13																						MOUNTED BEHIND SIGN NO. 14
50																						MOUNTED BEHIND SIGN NO. 51
58																						MOUNTED BEHIND SIGN NO. 59
68																						MOUNTED BEHIND SIGN NO. 69
76																						MOUNTED BEHIND SIGN NO. 77
93																						MOUNTED BEHIND SIGN NO. 94
202																						MOUNTED BEHIND SIGN NO. 203
211																						MOUNTED BEHIND SIGN NO. 212
252																						MOUNTED BEHIND SIGN NO. 253
261																						MOUNTED BEHIND SIGN NO. 262
282																						MOUNTED BEHIND SIGN NO. 283
106																						MOUNTED UNDER SIGN NO. 104
128																						MOUNTED UNDER SIGN NO. 126

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90F

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

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
12																	h =14'-0"					
20																	h =14'-0"					
34																	h =14'-0"					
41																	h =14'-0"					
49																	h =14'-0"					
57																	h =14'-0"					
67																	h =14'-0"					
75																	h =14'-0"					
92																	h =14'-0"					
100																	h =14'-0"					
153																	h =14'-0"					
160																	h =14'-0"					
167																	h =14'-0"					
173																	h =14'-0"					
180		R6-1L	36"	12"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-0"				5'-0"	
187		R1-2	36"X36"X36"										RED (REF.)	(REF.) BLACK			h =14'-0"					
194																	h =14'-0"					
201																	h =14'-0"					
210																	h =14'-0"					
218																	h =14'-0"					
230																	h =14'-0"					
237																	h =14'-0"					
244																	h =14'-0"					
251																	h =14'-0"					
260																	h =14'-0"					
268																	h =14'-0"					
276																	h =14'-0"					
281																	h =14'-0"					
291																	h =14'-0"					
298																	h =14'-0"					
23	TN-22a TN-22a M3-2 EAST WEST M3-4 M4-1 M4-1 M6-1 M6-1		24" 24" 24" 21"	12" 12" 24" 15"									WHITE BLACK	GREEN (REF.) WHITE (REF.)	0.080" SHEET ALUMINUM	P5	h_1=12'-6" h_2=13'-0"				5'-0"	REQUIRES SLIP BASE 713-11.21 STD. DWG. T-S-23A
110																	h_1=12'-6" h_2=13'-0"					
309	M3-1 NORTH SOUTH M3-3 M4-1 M4-1 M6-1 M6-1		24" 24" 21"	12" 24" 15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h_1=14'-6" h_2=15'-0"				5'-0"	
325	TN-22a TN-22a M3-2 EAST WEST M3-4 M4-1 M4-1 M6-3 M6-2		24" 24" 24" 21"	12" 12" 24" 15"									WHITE BLACK	GREEN (REF.) WHITE (REF.)	0.080" SHEET ALUMINUM	P5	EXIST h_2=15'-0"				5'-0"	REQUIRES SLIP BASE 713-11.21 STD. DWG. T-S-23A

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DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90G

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

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
138	JCT M2-1		21"	15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
147	64 M4-1		24"	24"													h =13'-0"					
28	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-0"				5'-0"	
119	EAST M3-2		24"	12"													h =14'-0"					
221	64 M4-1		24"	24"									BLACK	WHITE (REF.)			h =14'-0"					
85	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-0"				5'-0"	
224	WEST M3-4		24"	12"													h =14'-0"					
301	64 M4-1		24"	24"									BLACK	WHITE (REF.)			h =14'-0"					
132	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
	64 M4-1		24"	24"									BLACK	WHITE (REF.)								
	M6-1		21"	15"																		
136	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
	64 M4-1		24"	24"									BLACK	WHITE (REF.)								
	M5-1		21"	15"																		
142	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
	64 M4-1		24"	24"									BLACK	WHITE (REF.)								
	M6-1		21"	15"																		
146	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
	64 M4-1		24"	24"									BLACK	WHITE (REF.)								
	M5-1		21"	15"																		
320	TN-22a		24"	12"									WHITE	GREEN (REF.)	0.080" SHEET ALUMINUM	P5	h =12'-6"				5'-0"	REQUIRES SLIP BASE 713-11.21 STD. DWG. T-S-23A
	WEST M3-4		24"	12"																		
	64 M4-1		24"	24"									BLACK	WHITE (REF.)								
	M5-1		21"	15"																		
329	SOUTH M3-3		24"	12"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
	43 M4-1		24"	24"																		
122	M3-1 NORTH SOUTH M3-3		24"	12"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h_1 =14'-6"				5'-0"	
	M4-1 242 242 TN-6B		30"	24"													h_2 =15'-0"					
	M6-1 M6-1		21"	15"																		
80	JCT M2-1		21"	15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
141	242 TN-6B		30"	24"													h =13'-0"					

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SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	90H

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

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
143	NORTH M3-1 242 TN-6B		24" 30"	12" 24"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
133	SOUTH M3-3 242 TN-6B		24" 30"	12" 24"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
118	242 TN-6B M6-1		30" 21"	24" 15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
86	242 TN-6B M6-1		30" 21"	24" 15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
81	242 TN-6B M5-1		30" 21"	24" 15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
139	242 TN-6B M5-1		30" 21"	24" 15"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
254	64 Lawrenceburg Loretto 1 MILE		14'-0"	10'-0"	12"	2"	10.33" 10.33"	10" 10" 10"	15"	EMOD	36"X36"		WHITE (REF.)	GREEN (REF.)	10-12" ALUMINUM EXTRUSIONS	W6X20	h_1 =20'-6" h_2 =21'-0"	TYPE 6 D=6'-0"	0.27	76.7	7'-0"	
285	43 Lawrenceburg Loretto ½ MILE		14'-0"	10'-0"	12"	2"	10.33" 10.33"	10" 10" 10"	10"/10"	EMOD	36"X36"		WHITE (REF.)	GREEN (REF.)	10-12" ALUMINUM EXTRUSIONS	W6X20	h_1 =20'-6" h_2 =21'-0"	TYPE 6 D=6'-0"	0.27	76.7	7'-0"	
302	43 Lawrenceburg Loretto ↗		14'-0"	10'-0"	12"	2"	10.33" 10.33"	10" 10"		EMOD	36"X36"	TYPE "G" @45°	WHITE (REF.)	GREEN (REF.)	11-12" ALUMINUM EXTRUSIONS	W6X20	h_1 =20'-6" h_2 =22'-0"	TYPE 6 D=6'-0"	0.27	76.7	7'-0"	
321	64 WEST Waynesboro ←		7'-0"	5'-0"	6"	1"	6" 8"	6"		EMOD	24"X24"	TYPE "A"	WHITE (REF.)	GREEN (REF.)	5-12" ALUMINUM EXTRUSIONS	S4X7.7	h_1 =15'-3" h_2 =15'-9"	TYPE 5 D=1'-3"	0.18	50.1	7'-0"	
83	← Lawrenceburg ← Westpoint D1-2		78"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1 =13'-0" h_2 =13'-6"				5'-0"	

UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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

SEE STD. DWG. NO. T-S-19

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
113	← Lawrenceburg Westpoint →	D1-2		78"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6"				7'-0"	
135	Lawrenceburg → Westpoint →	D1-2		78"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6"				7'-0"	
134	← Pulaski ← Waynesboro	D1-2		72"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6"				7'-0"	
112	← Pulaski Waynesboro →	D1-2		72"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6"				7'-0"	
144	Pulaski → Waynesboro →	D1-2		72"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6"				7'-0"	
84 116	David Crockett ← State Park	D1-2		72"	30"			6"	4.5"		"D"		6"X9"	WHITE (REF.)	BROWN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=13'-0" h_2=13'-6" h_1=13'-0" h_2=13'-6"				7'-0"	
308	← Lawrenceburg Loretto →			10'-0"	4'-0"	3"	1"	8"	6"		EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)	4-12" ALUMINUM EXTRUSIONS	S4X7.7	h_1=14'-9" h_2=15'-0"	TYPE 5 D=1'-3"	0.18	50.1	7'-0"	
323	EXIST SIGN ↑ Pulaski Waynesboro → LOWER MESSAGE TO BE ADDED	D1-2		10'-0"	4'-0"			8"	6"		EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)								ADDED NEW SIGN MESSAGE LOWER SIGN ITEM NO. 713-15.04

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(180)	901

U-POST SUBSTITUTION TABLE

BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2#/FT. U1	2#/FT. MU1 OR 2#/FT. R1
2.5#/FT. U3	2.5#/FT. MU3 OR 3#/FT. R2*
3#/FT. U6	
4#/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5#/FT.

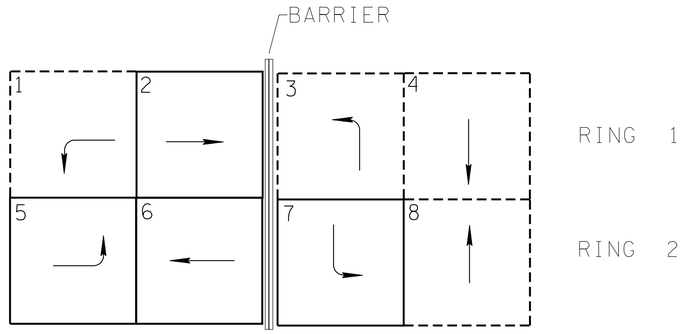
UNOFFICIAL SET

NOT FOR BIDDING

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	91



NEMA EIGHT PHASE DESIGNATIONS

ACTIVE PHASE

INACTIVE PHASE (NOT USED)

- OPERATION IS DUAL ENTRY MODE, FULL SKIP CAPABILITY
- SINGLE DIRECTION, LAGGING LEFT TURN PHASES ARE NOT ALLOWED
- ALL SIGNAL DISPLAYS AND CLEARANCES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

BASIC OR SEMI - ACTUATED TIMING (SECS)

PHASE	INITIAL INTERVAL	VEHICLE INTERVAL	MAX I	MAX II	CLEARANCE		PEDESTRIAN		RECALL TO	MEMORY POSITION (1)	LEFT TURN OPERATION (2)
					YELLOW	ALL RED	WALK	FLASHING DONT WALK			
2	6.0	1.5	33.0	-	4.0	1.0	-	-	-	NL	PROT
6	6.0	1.5	17.5	-	4.0	1.0	-	-	-	NL	-
5	10.0	1.5	10.0	-	4.0	1.5	-	-	-	L	PROT
7	10.0	1.5	16.0	-	4.0	2.0	-	-	-	L	PROT
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

FOR WESTPOINT RD. AT WESTPOINT RD. CONNECTOR

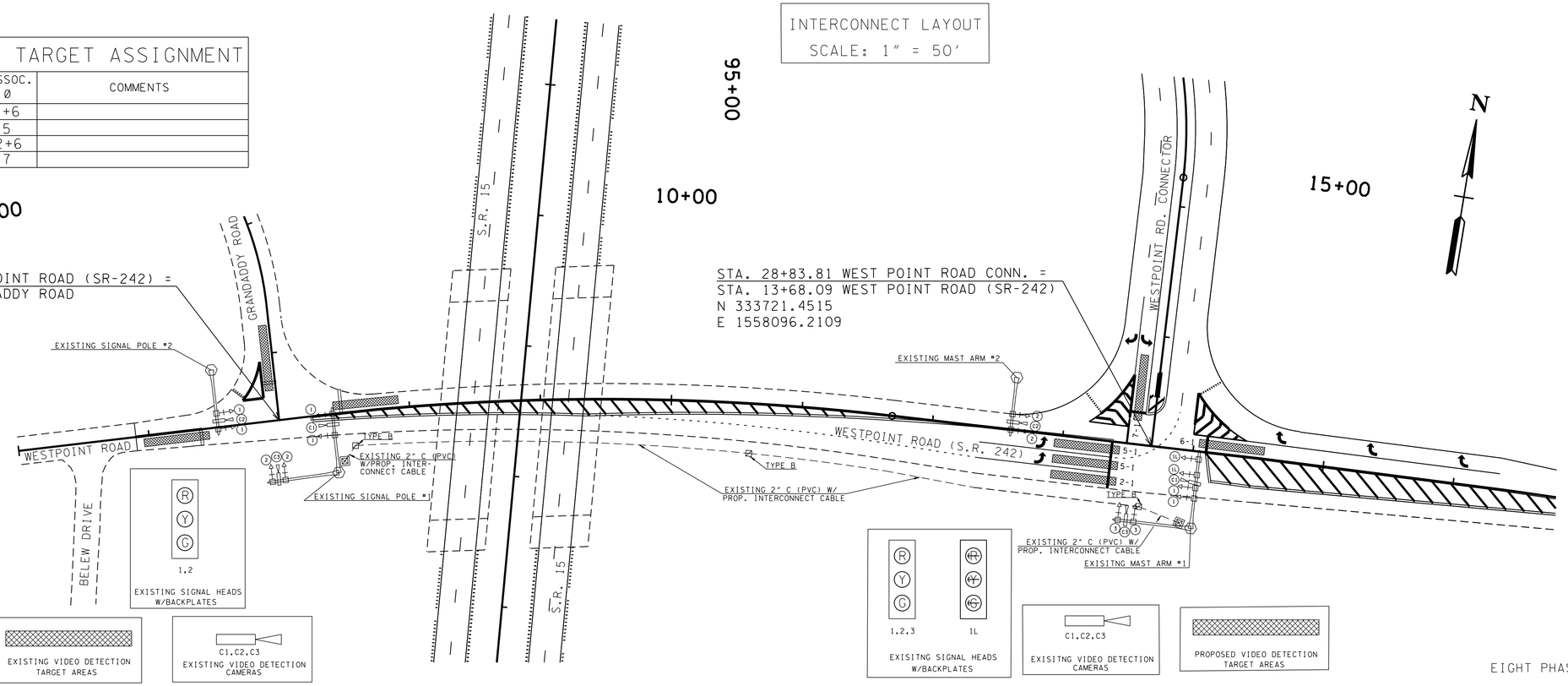
(1) NL = NONLOCK
L = LOCK

(2) PERM = PERMITTED
PROT = PROTECTED
P + P = PROT/PERM

VIDEO DETECTOR TARGET ASSIGNMENT

TARGET AREA #	CAMERA #	TARGET AREA (FT)	ASSOC. Ø	COMMENTS
2-1	C1	1@6x50	2+6	
5-1	C1	2@6x50	5	
6-1	C2	1@6x50	2+6	
7-1	C3	1@6x50	7	

INTERCONNECT LAYOUT
SCALE: 1" = 50'



EIGHT PHASE

UNOFFICIAL SET

NOT FOR BIDDING

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000037 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INTERCONNECT LAYOUT, PHASING & TIMING

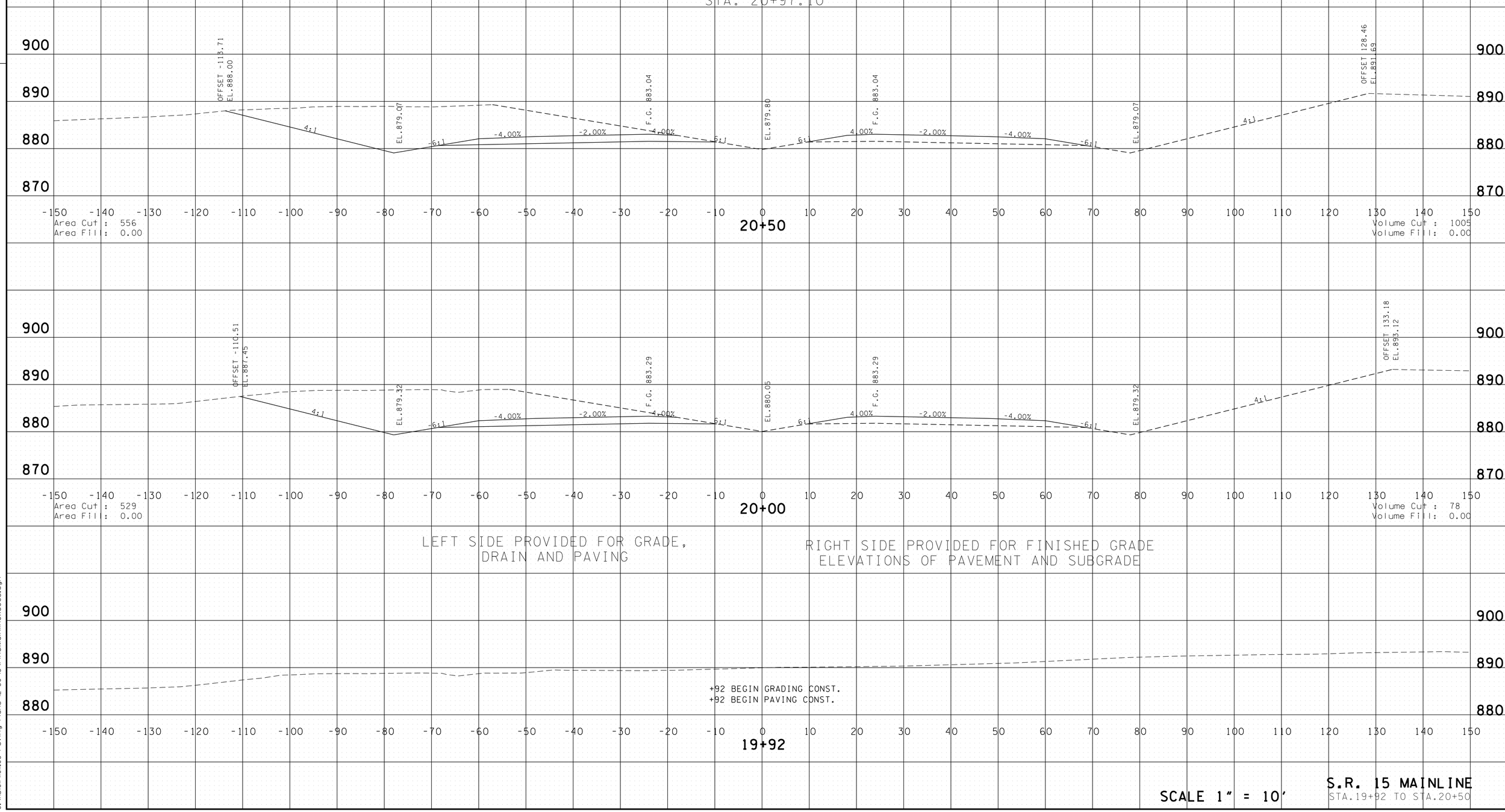
4/30/2014 2:43:56 PM
C:\Melissa\PROJECTS\SIGNALS\Lawrence\SR15\ExistingSignals_Timing.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	136

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

BEGIN S.E. TRANSITION
STA. 20+97.10



SCALE 1" = 10'

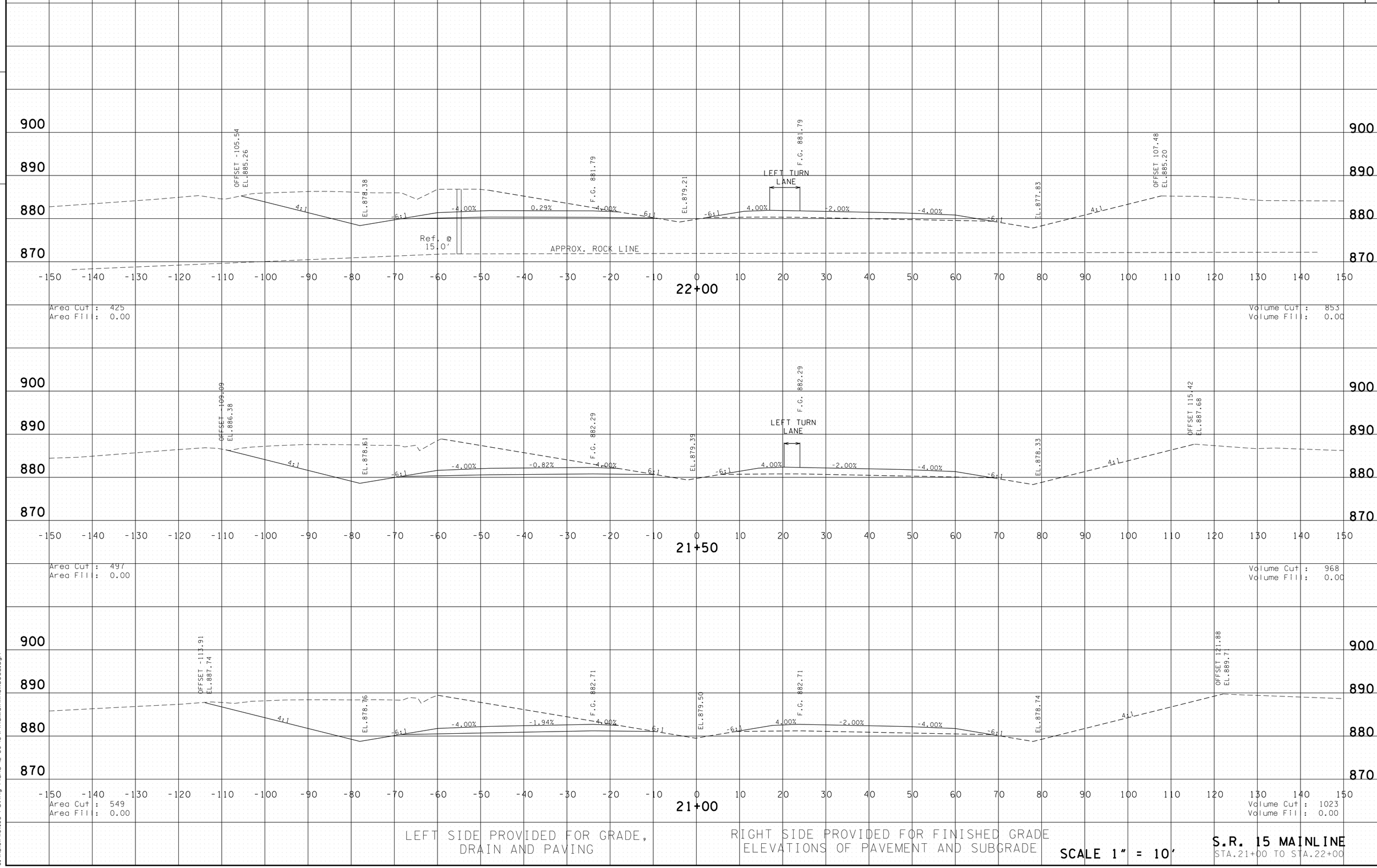
S.R. 15 MAINLINE
STA.19+92 TO STA.20+50

4/30/2014 11:33:01 AM
G:\HDI\011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	137

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



LEFT SIDE PROVIDED FOR GRADE, DRAIN AND PAVING

RIGHT SIDE PROVIDED FOR FINISHED GRADE ELEVATIONS OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

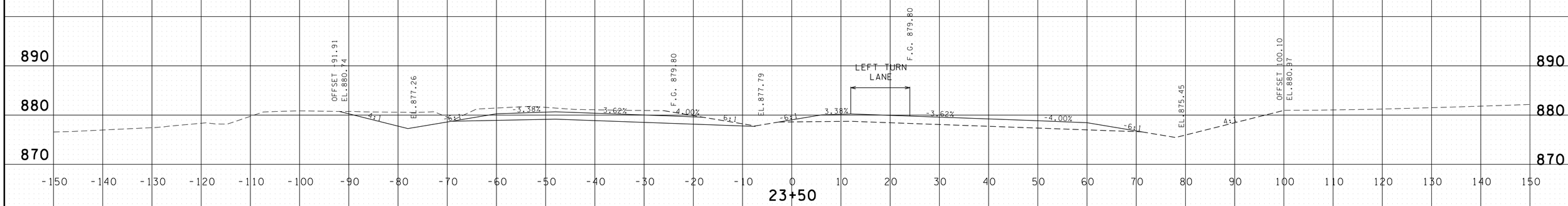
S.R. 15 MAINLINE
STA.21+00 TO STA.22+00

4/30/2014 11:33:03 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	138

FILE NO.

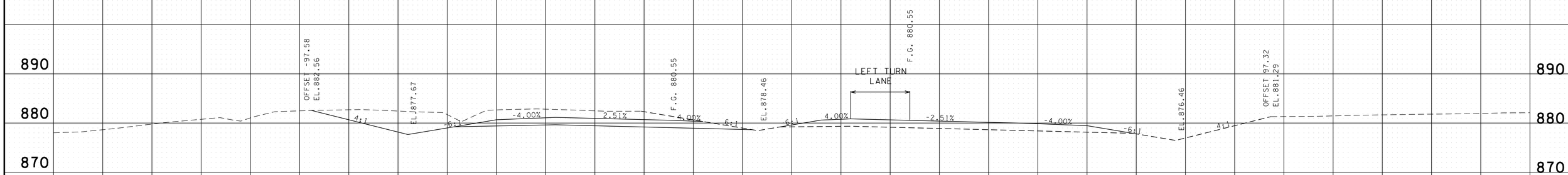
TENNESSEE D.O.T.
DESIGN DIVISION



23+50

Area Cut : 165
Area Fill : 0.00

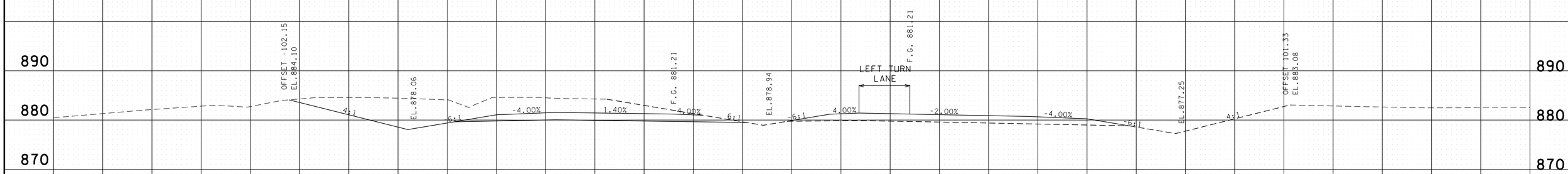
Volume Cut : 367
Volume Fill : 0.00



23+00

Area Cut : 231
Area Fill : 0.00

Volume Cut : 517
Volume Fill : 0.00



22+50

Area Cut : 328
Area Fill : 0.00

Volume Cut : 696
Volume Fill : 0.00

LEFT SIDE PROVIDED FOR GRADE, DRAIN AND PAVING

RIGHT SIDE PROVIDED FOR FINISHED GRADE ELEVATIONS OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

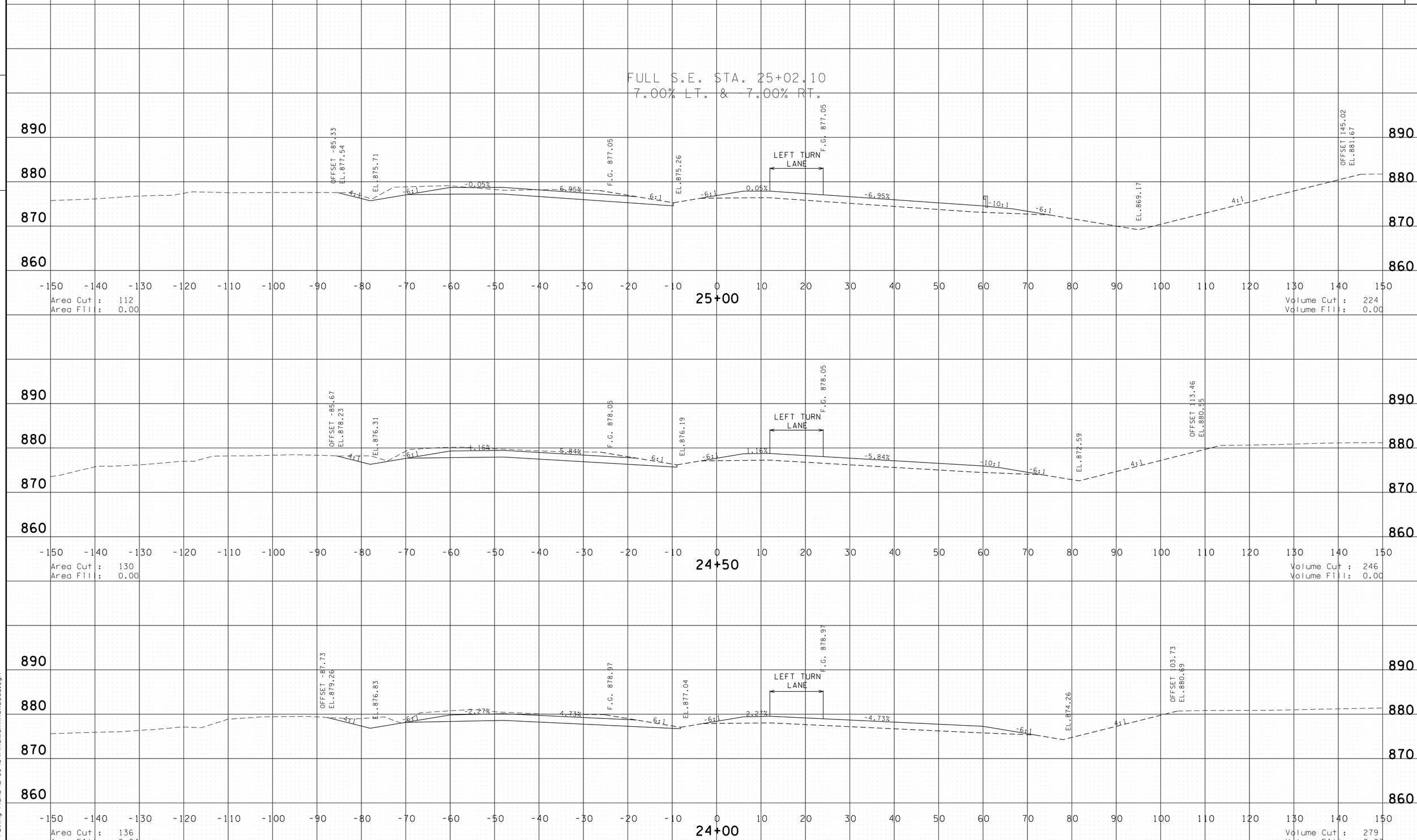
S.R. 15 MAINLINE
STA.22+50 TO STA.23+50

4/30/2014 11:33:04 AM
G:\HDI\011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	139

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



LEFT SIDE PROVIDED FOR GRADE, DRAIN AND PAVING

RIGHT SIDE PROVIDED FOR FINISHED GRADE ELEVATIONS OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

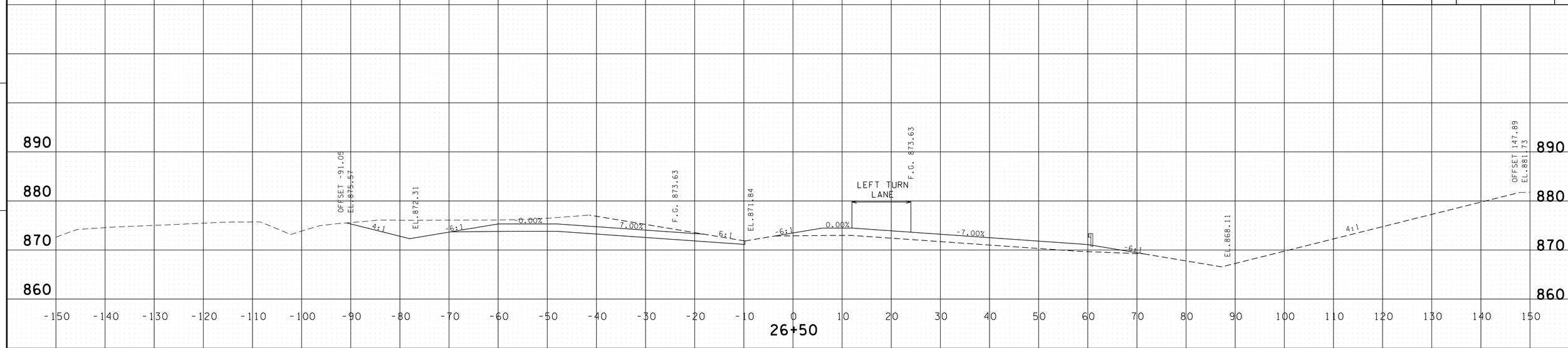
S.R. 15 MAINLINE
STA.24+00 TO STA.25+00

4/30/2014 11:33:06 AM
G:\HDIOIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	140

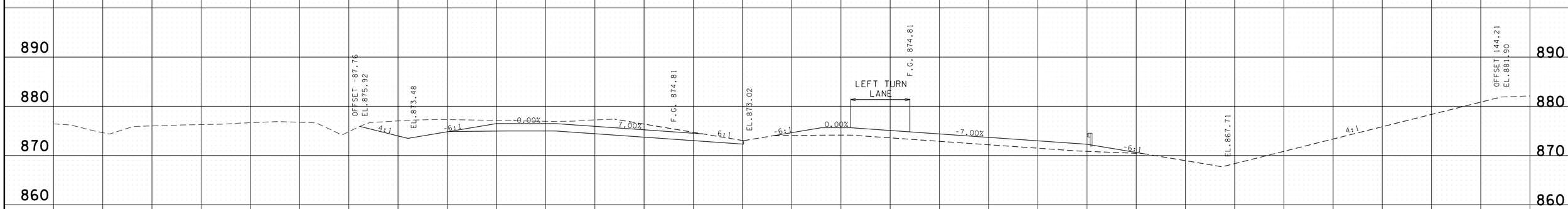
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



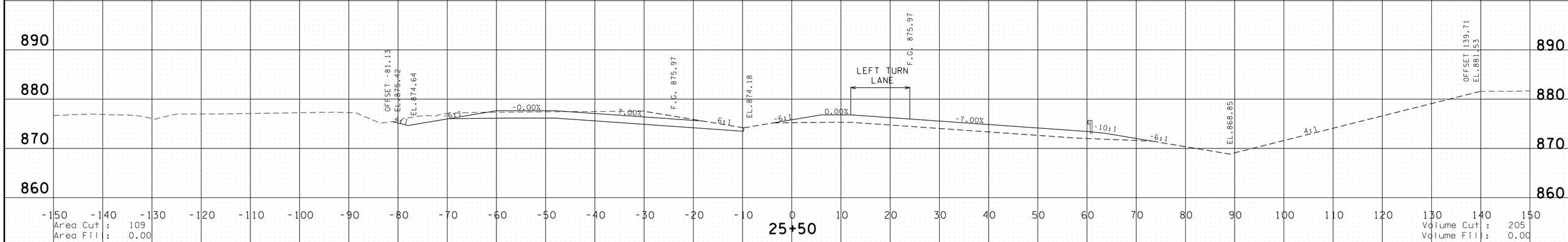
Area Cut : 197
Area Fill : 0.00

Volume Cut : 344
Volume Fill : 0.00



Area Cut : 175
Area Fill : 0.00

Volume Cut : 264
Volume Fill : 0.00



Area Cut : 109
Area Fill : 0.00

Volume Cut : 205
Volume Fill : 0.00

LEFT SIDE PROVIDED FOR GRADE, DRAIN AND PAVING

RIGHT SIDE PROVIDED FOR FINISHED GRADE ELEVATIONS OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

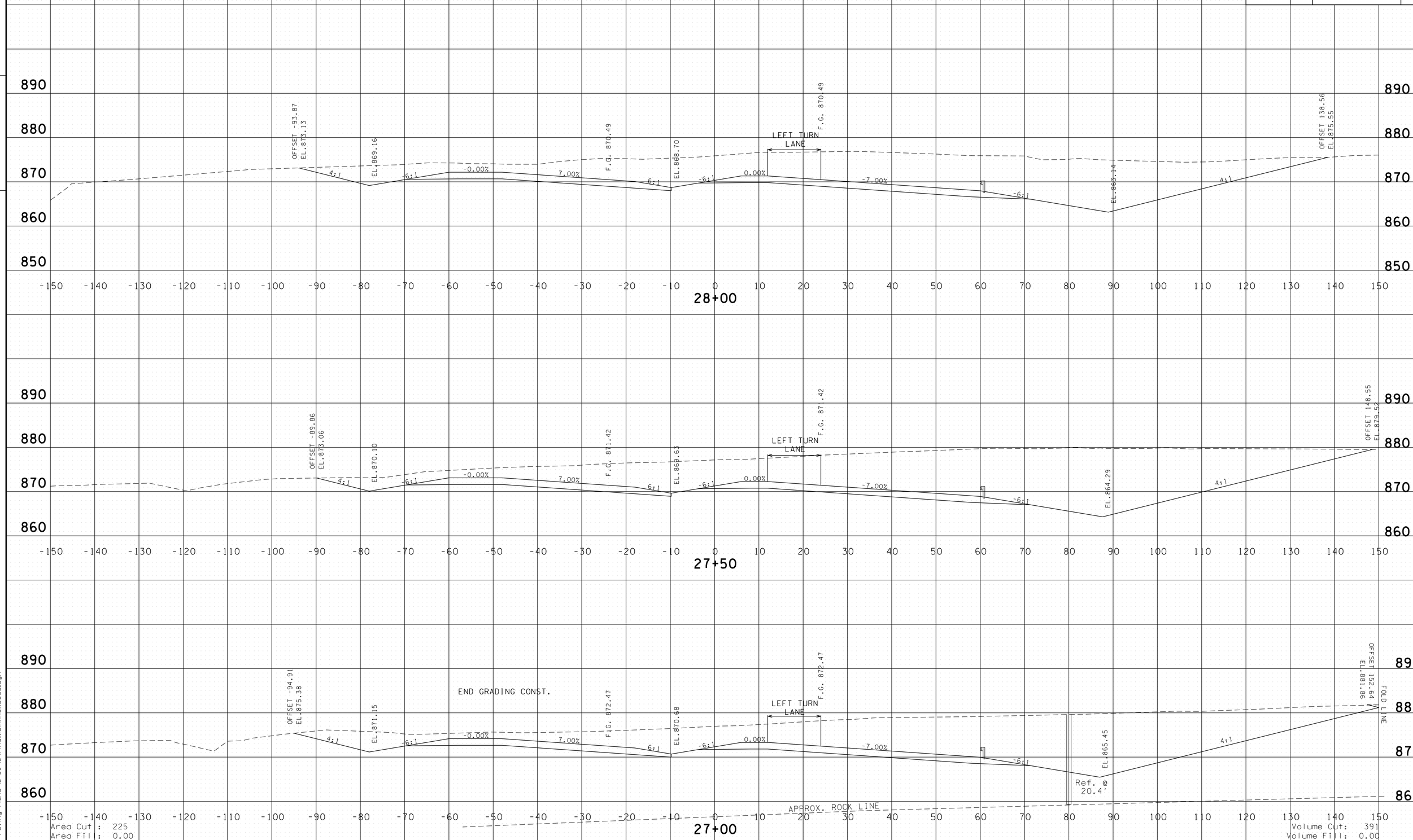
S.R. 15 MAINLINE
STA.25+50 TO STA.26+50

4/30/2014 11:33:08 AM
G:\HDGIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	141

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



Area Cut : 225
Area Fill : 0.00

Volume Cut: 391
Volume Fill: 0.00

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

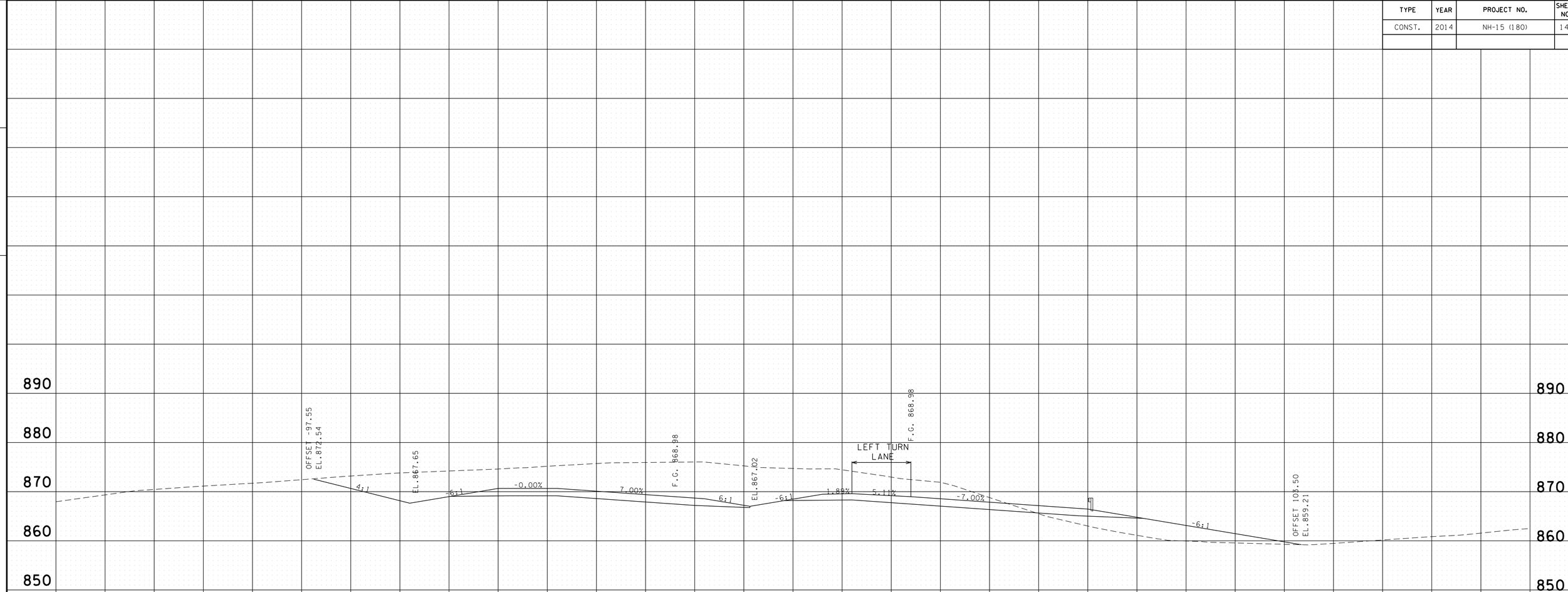
S.R. 15 MAINLINE
STA.27+00 TO STA.28+00

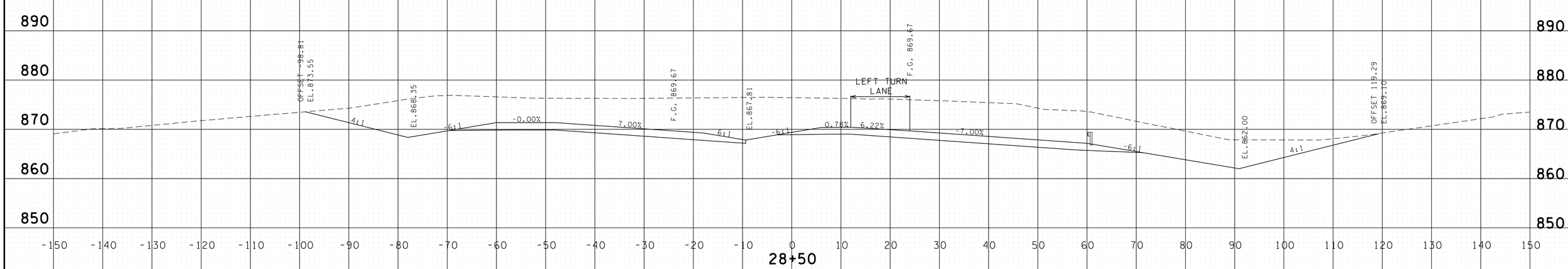
4/30/2014 11:33:10 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	142

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

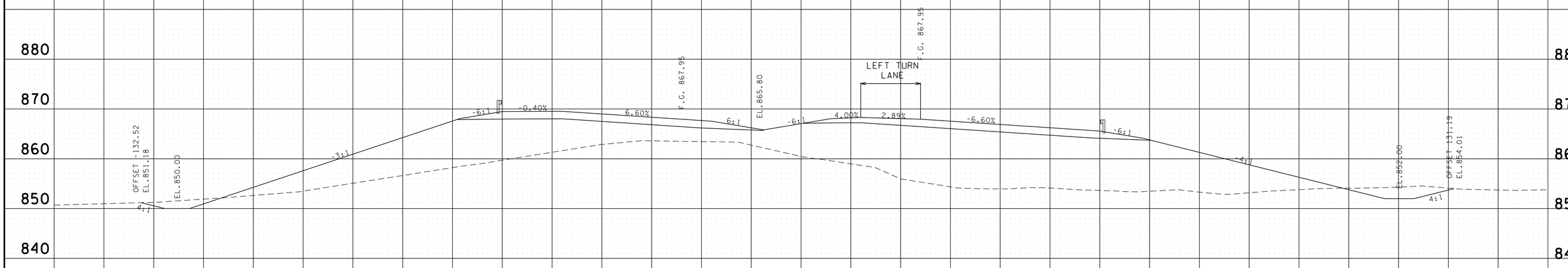
S.R. 15 MAINLINE
STA.28+50 TO STA.29+00

4/30/2014 11:33:11 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

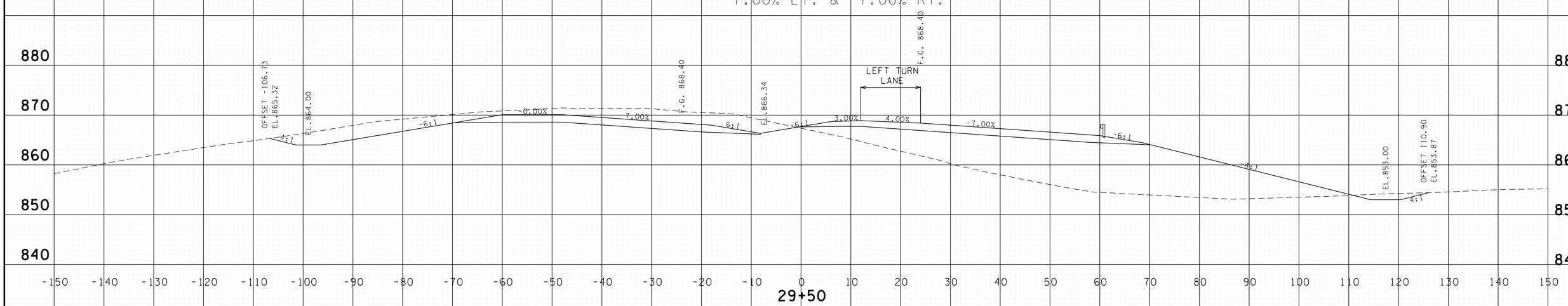
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	143

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 29+82.20
7.00% LT. & -7.00% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

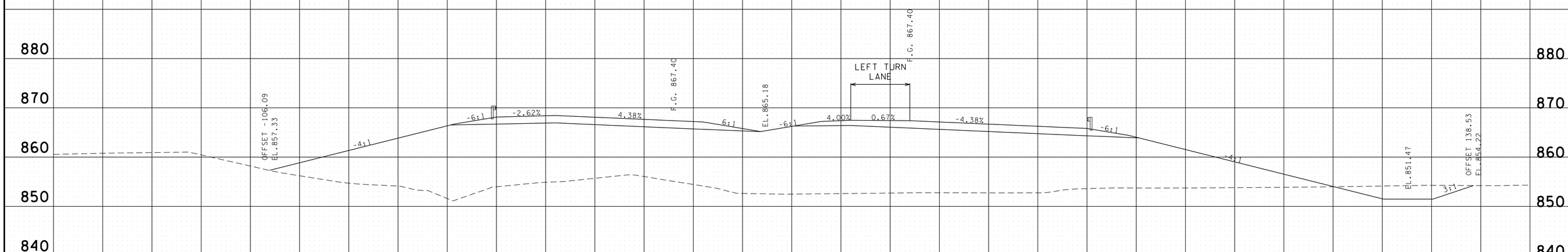
S.R. 15 MAINLINE
STA.29+50 TO STA.30+00

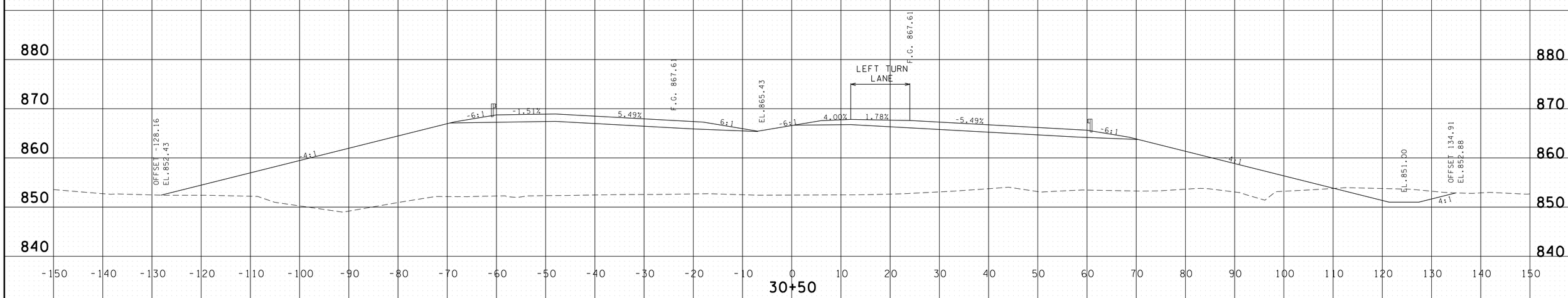
4/30/2014 11:33:13 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	144

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

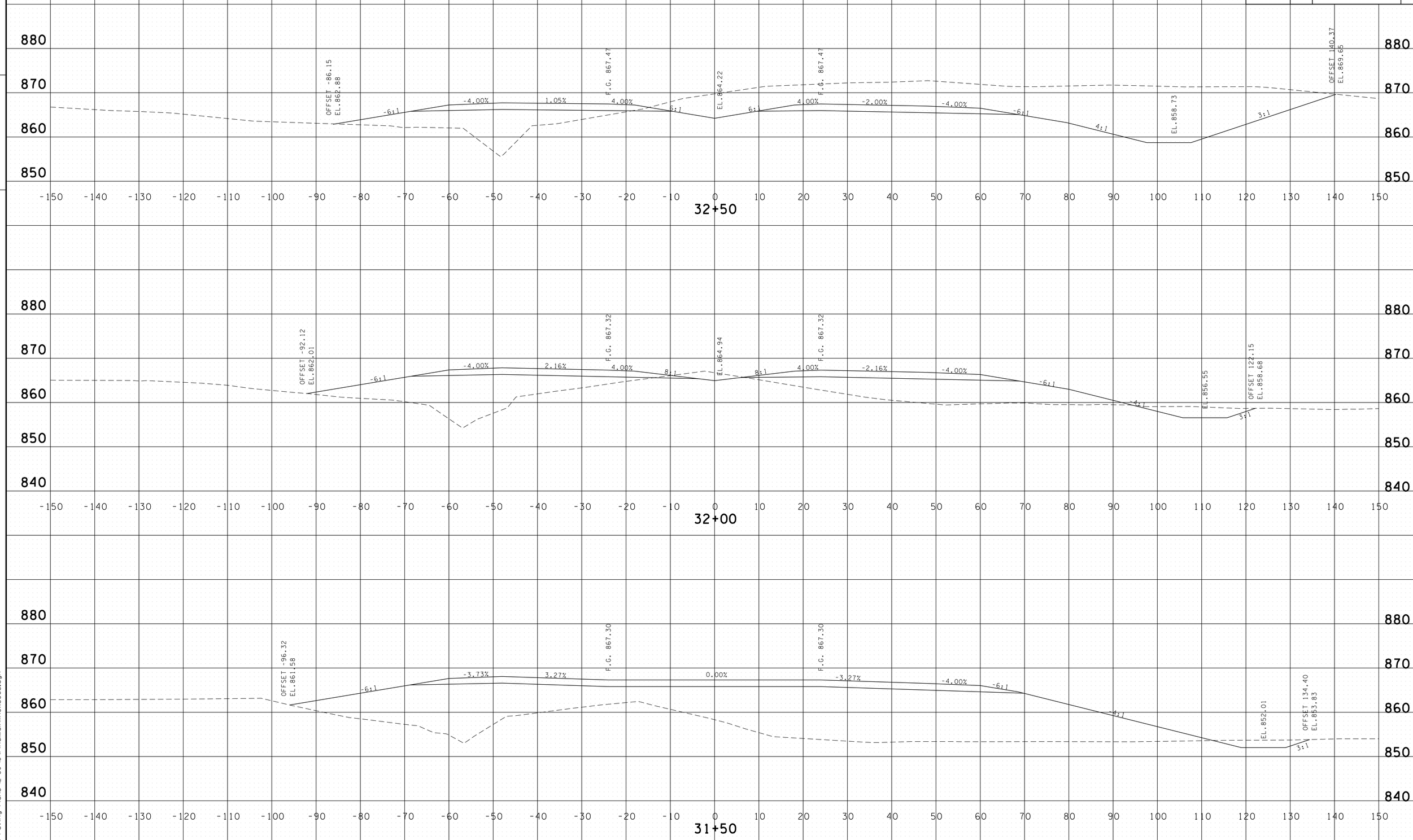
S.R. 15 MAINLINE
STA.30+50 TO STA.31+00

4/30/2014 11:33:15 AM
G:\HDI0\IV10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	145

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.31+50 TO STA.32+50

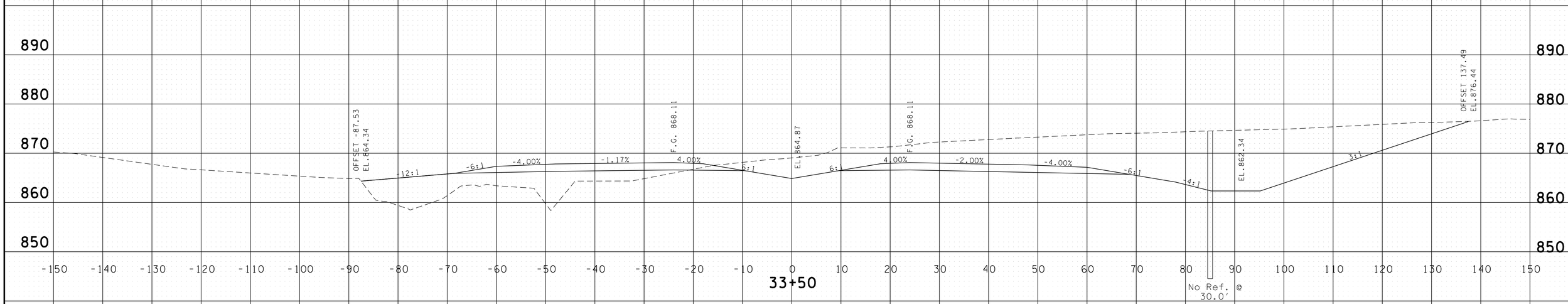
4/30/2014 11:33:16 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

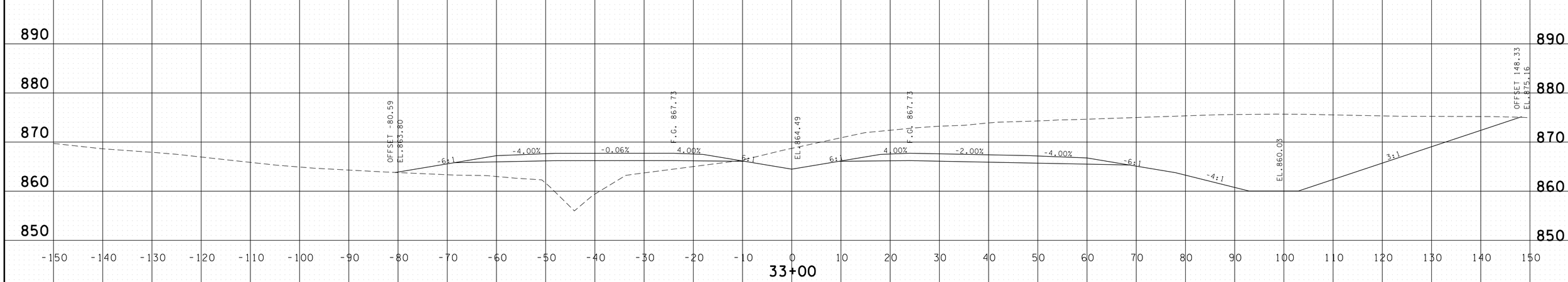
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	146

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

END S.E. TRANSITION
STA. 33+87.22





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

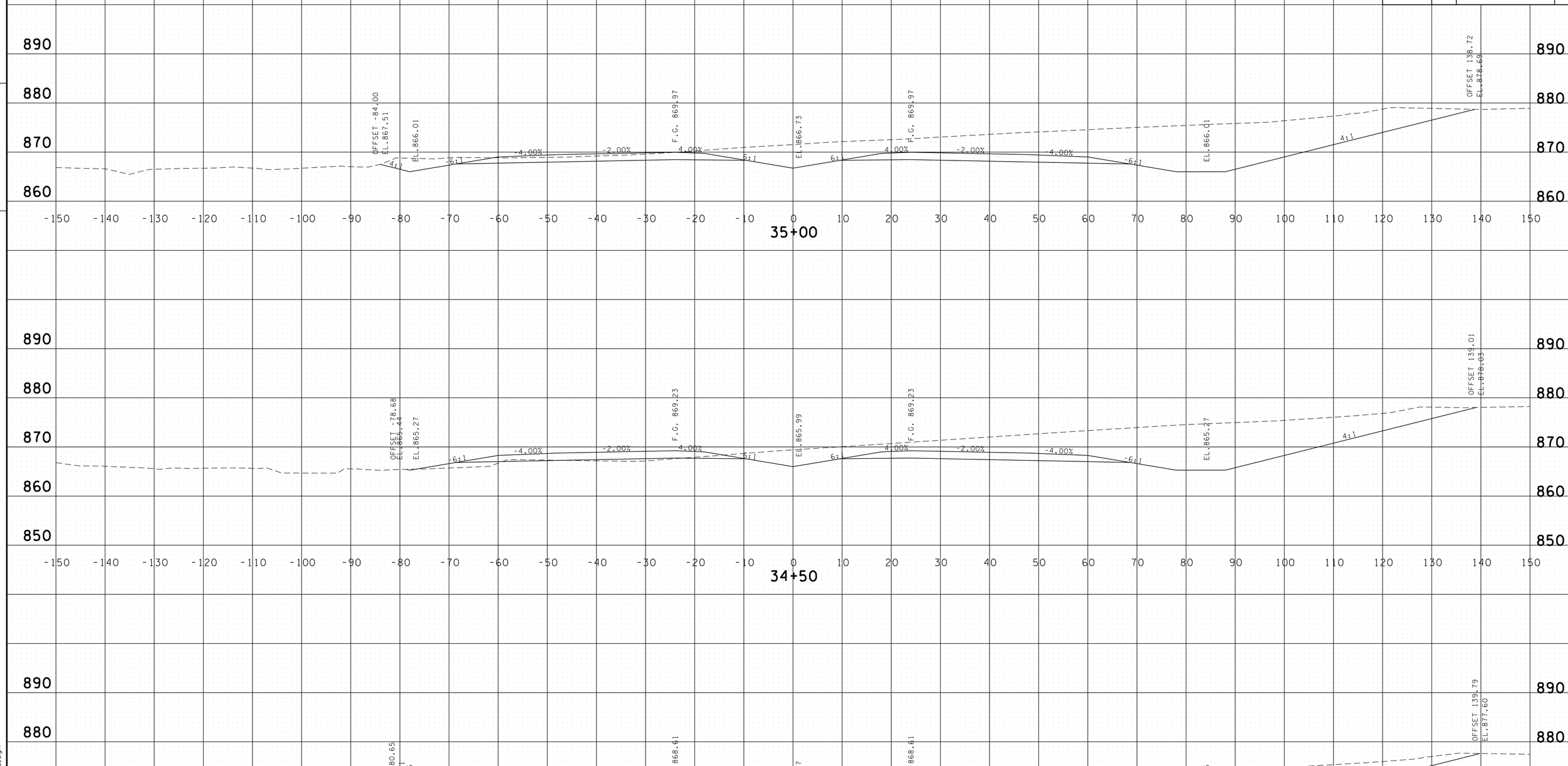
S.R. 15 MAINLINE
STA.33+00 TO STA.33+50

4/30/2014 11:33:18 AM
G:\HQ\01\0\01L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	147

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

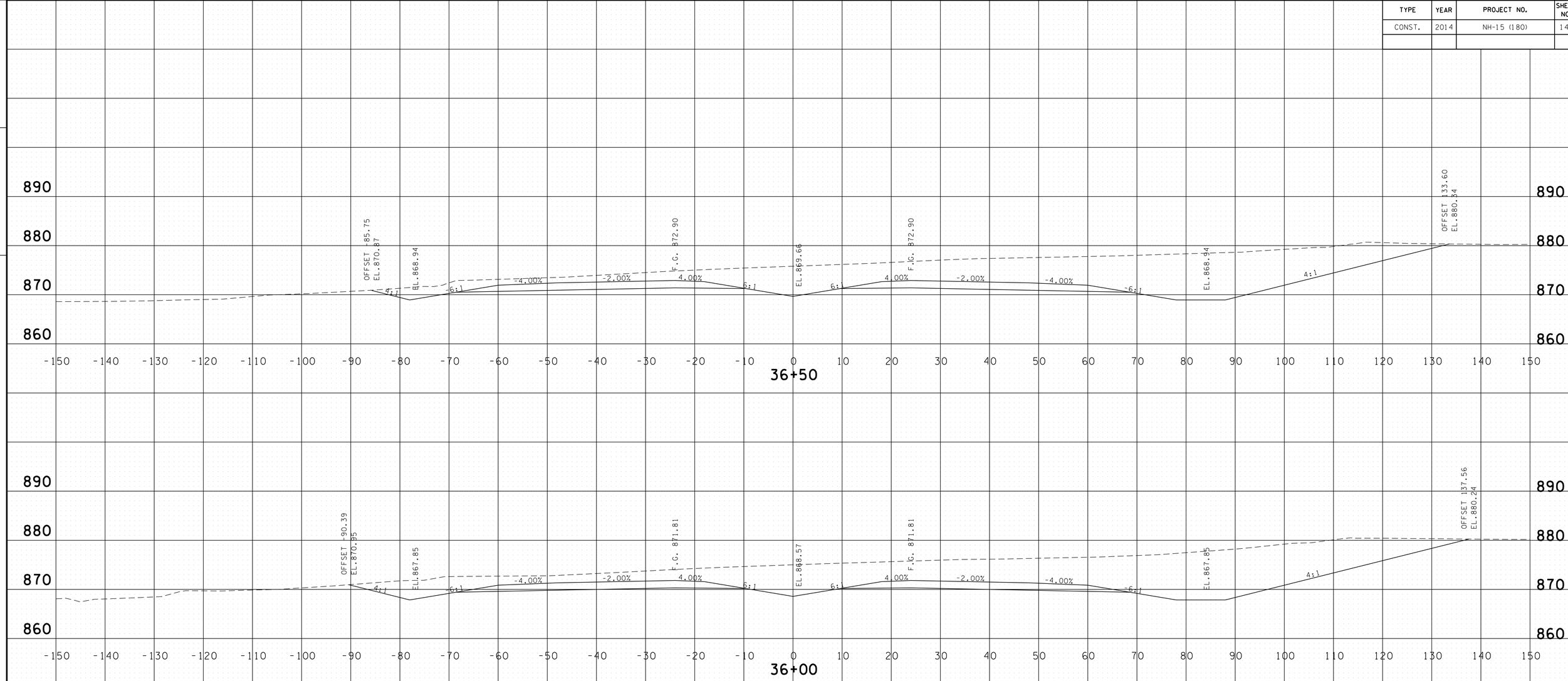
S.R. 15 MAINLINE
STA.34+00 TO STA.35+00

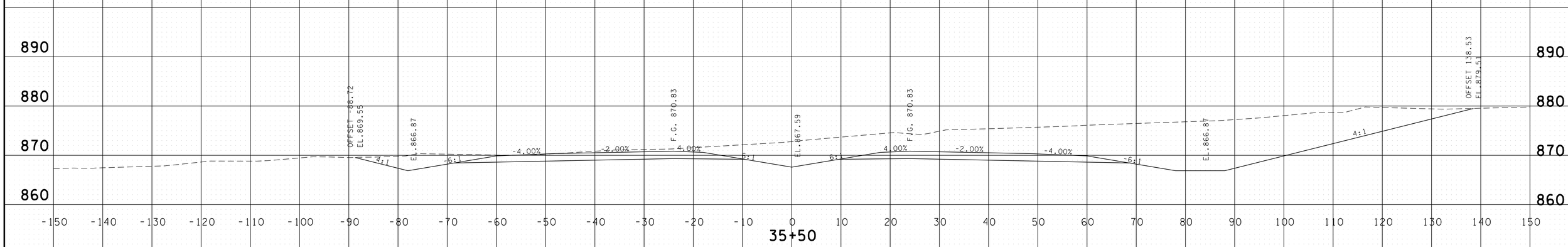
4/30/2014 11:33:20 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	148

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

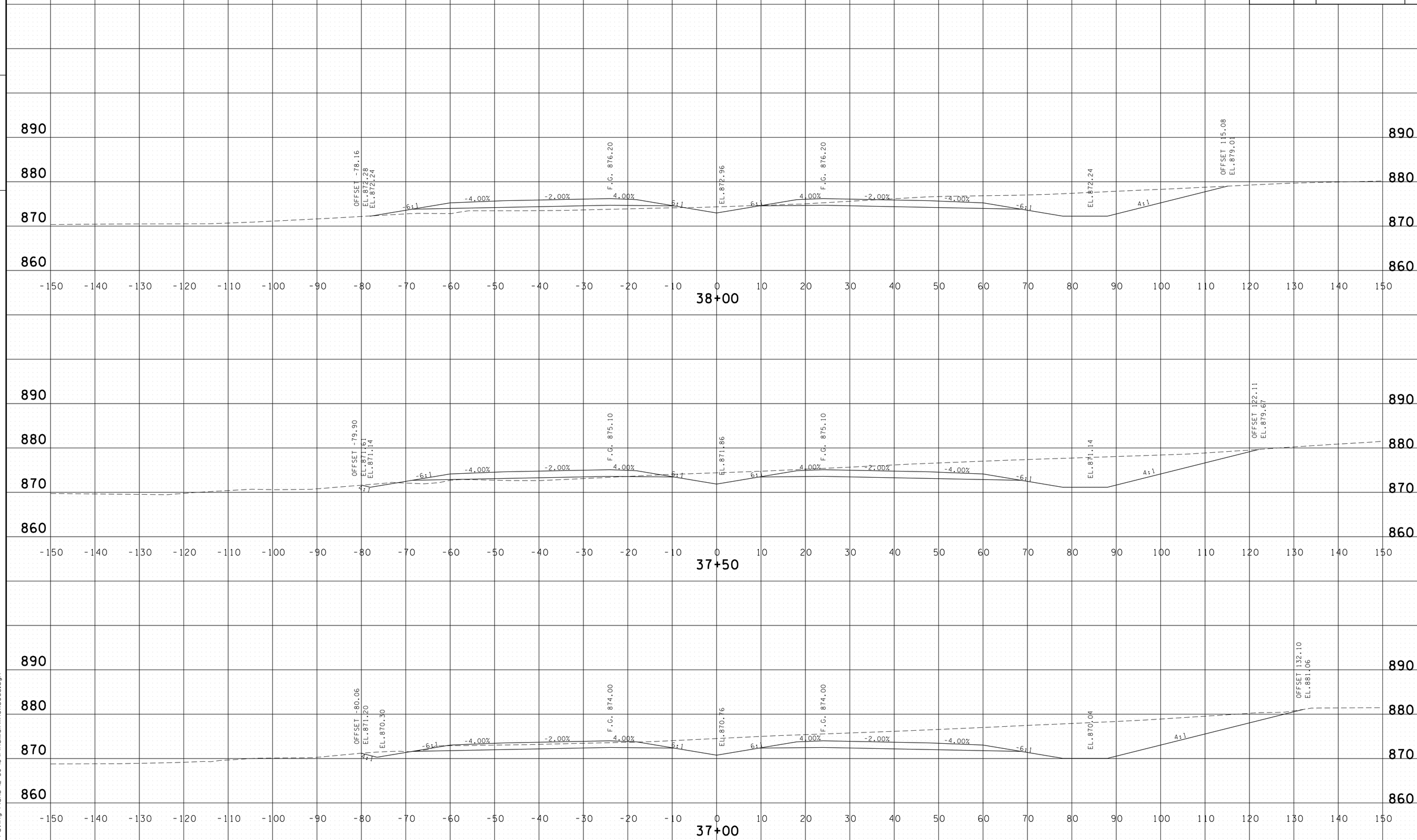
S.R. 15 MAINLINE
STA.35+50 TO STA.36+50

4/30/2014 11:33:22 AM
G:\HD\DIV\DL03 Paving Plans 12-30-13\FinalMainlinesecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	149

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

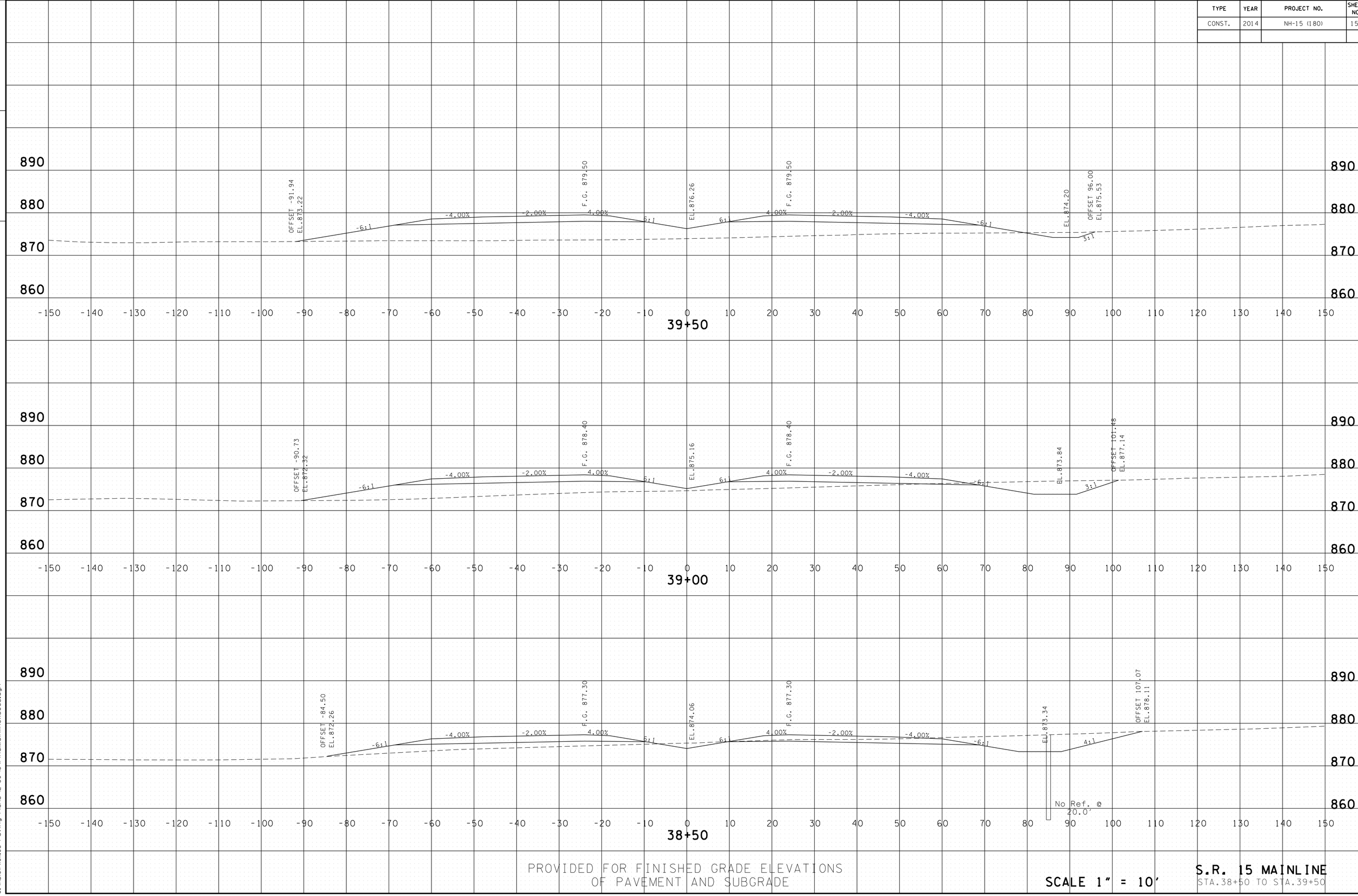
S.R. 15 MAINLINE
STA.37+00 TO STA.38+00

4/30/2014 11:33:23 AM
G:\HD\DIV\DL03 Paving Plans 12-30-13\FinalMainlinesecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	150

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

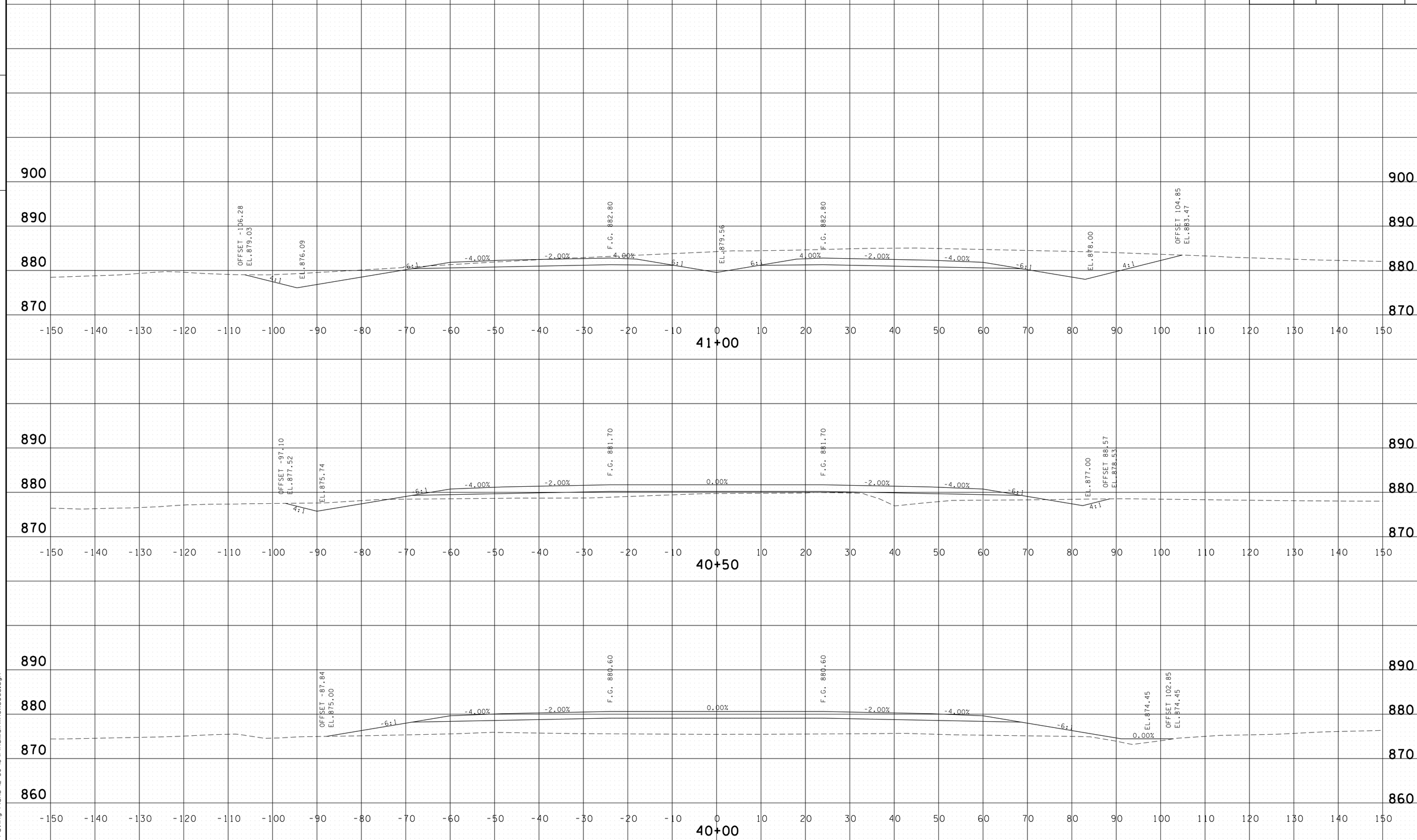
S.R. 15 MAINLINE
STA.38+50 TO STA.39+50

4/30/2014 11:33:25 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	151

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

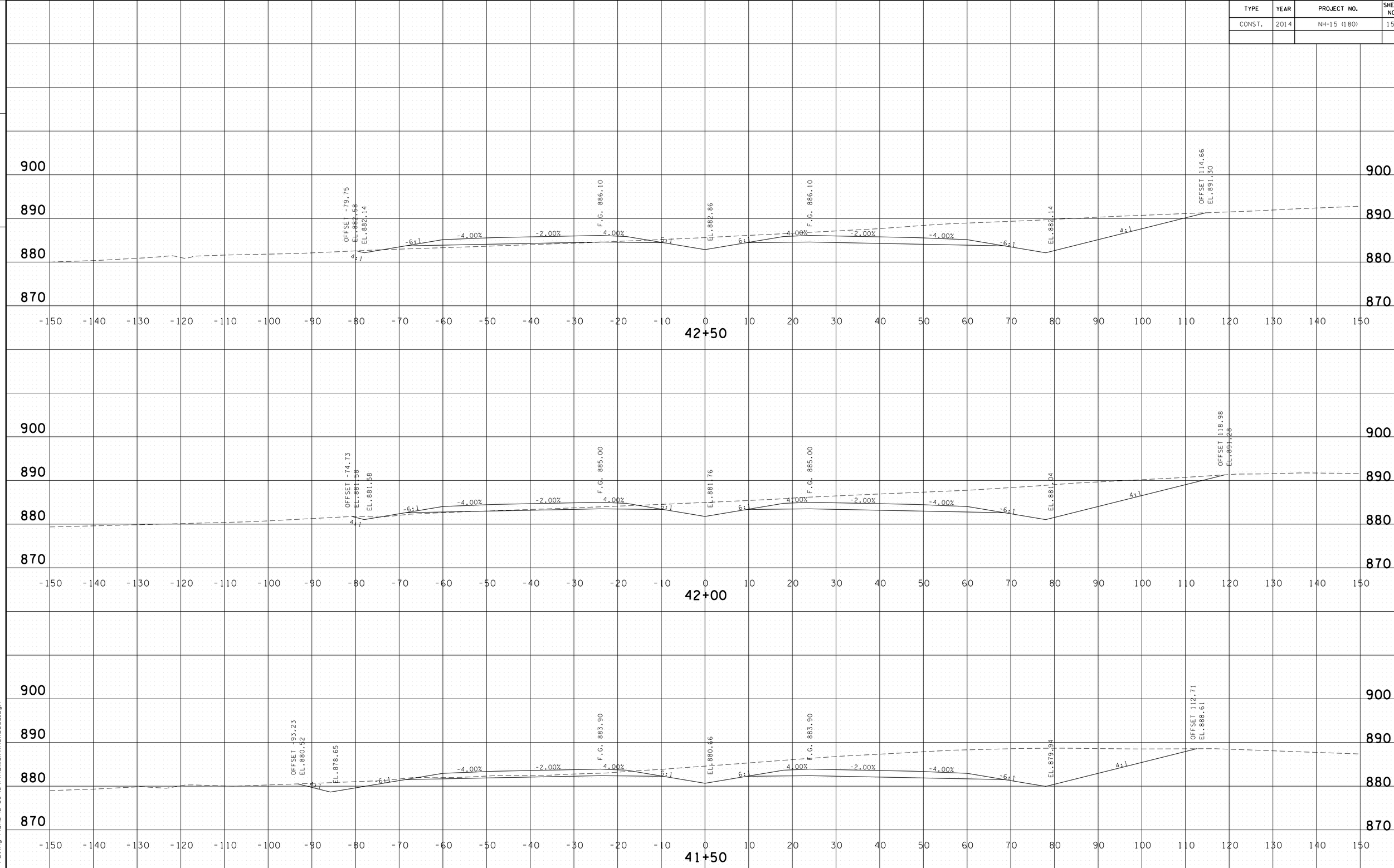
S.R. 15 MAINLINE
STA.40+00 TO STA.41+00

4/30/2014 11:33:27 AM
G:\HDIQIIV\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	152

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

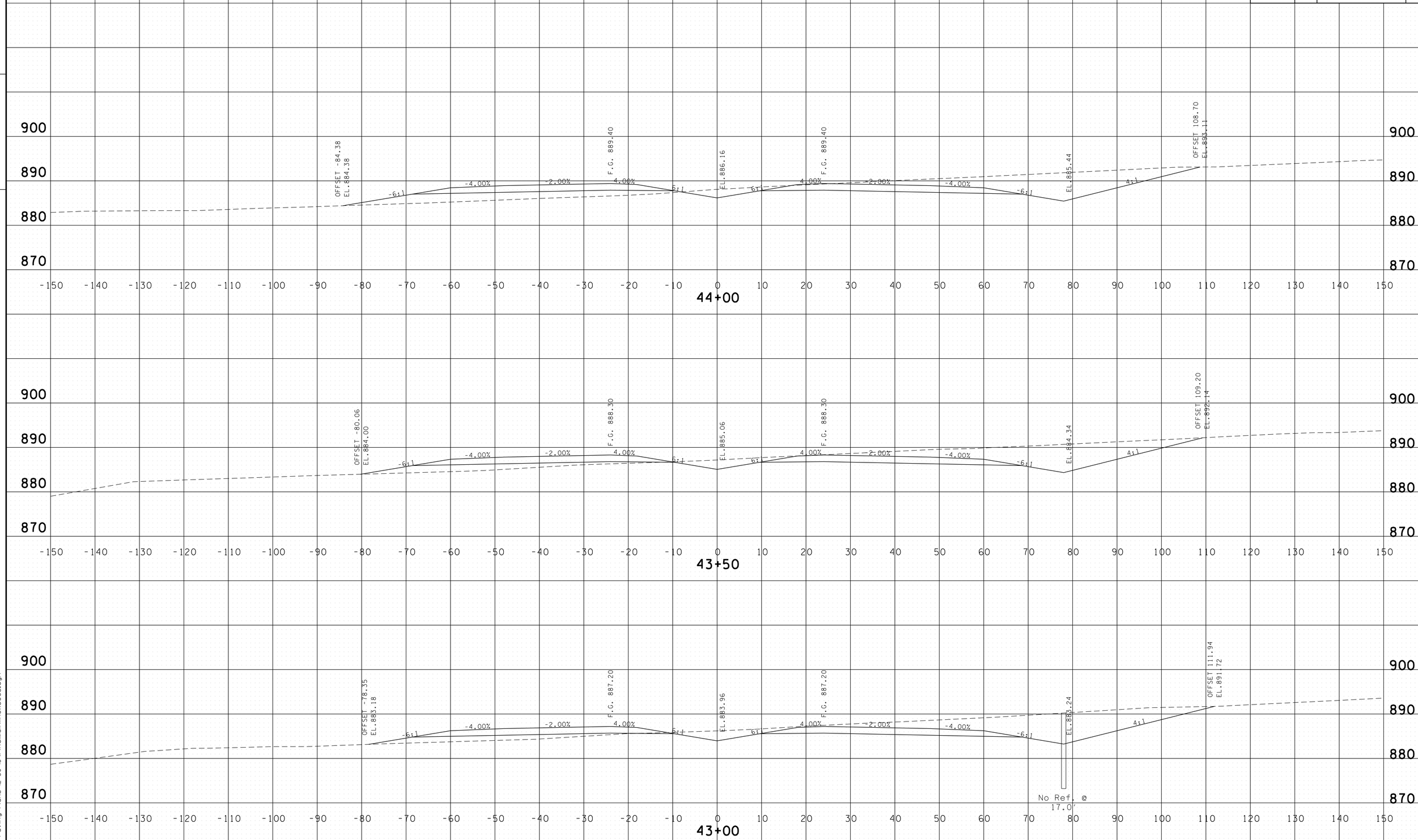
S.R. 15 MAINLINE
STA.41+50 TO STA.42+50

4/30/2014 11:33:28 AM
G:\HD\011\01L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	153

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

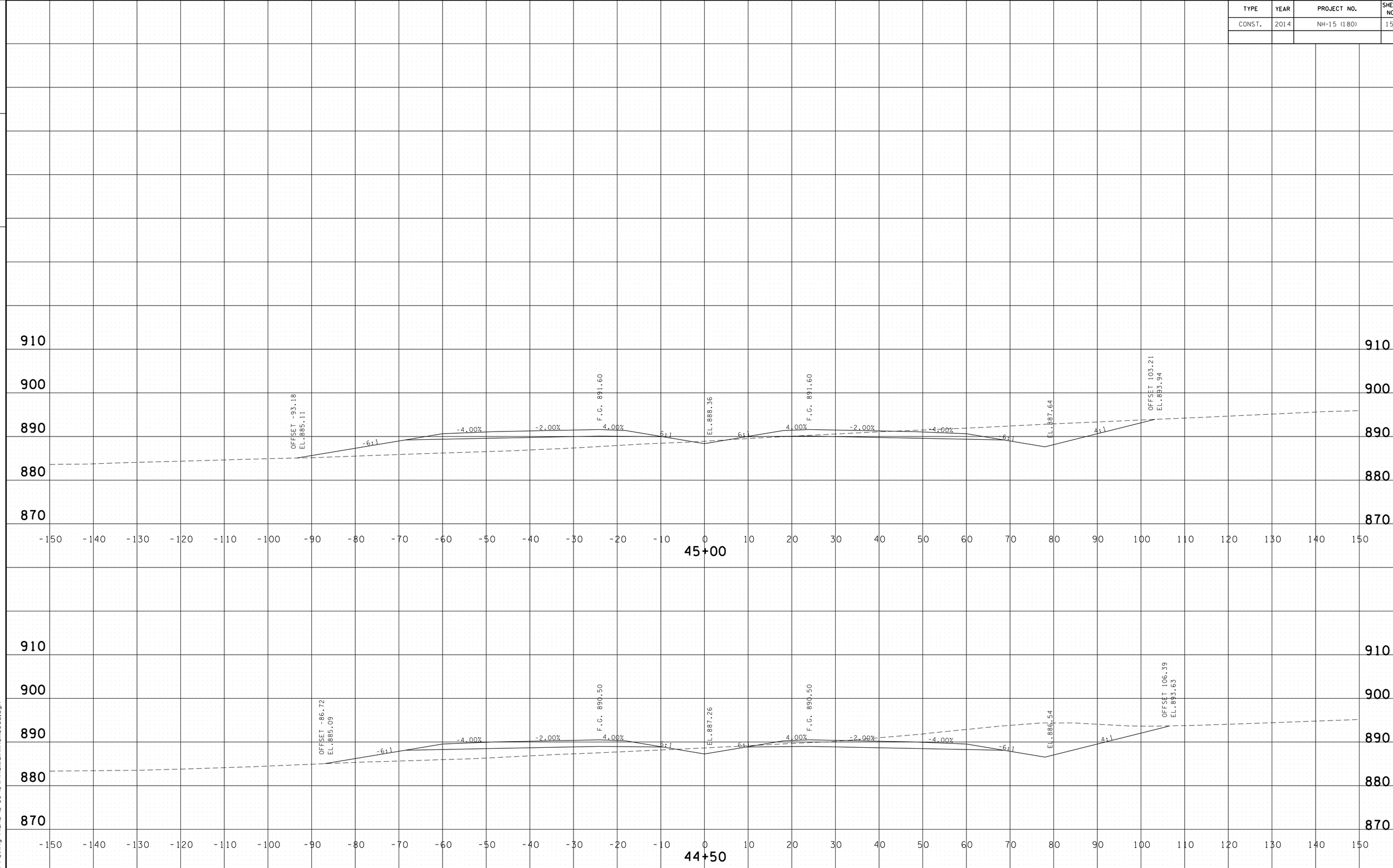
S.R. 15 MAINLINE
STA.43+00 TO STA.44+00

4/30/2014 11:33:30 AM
G:\HDIOIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	154

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

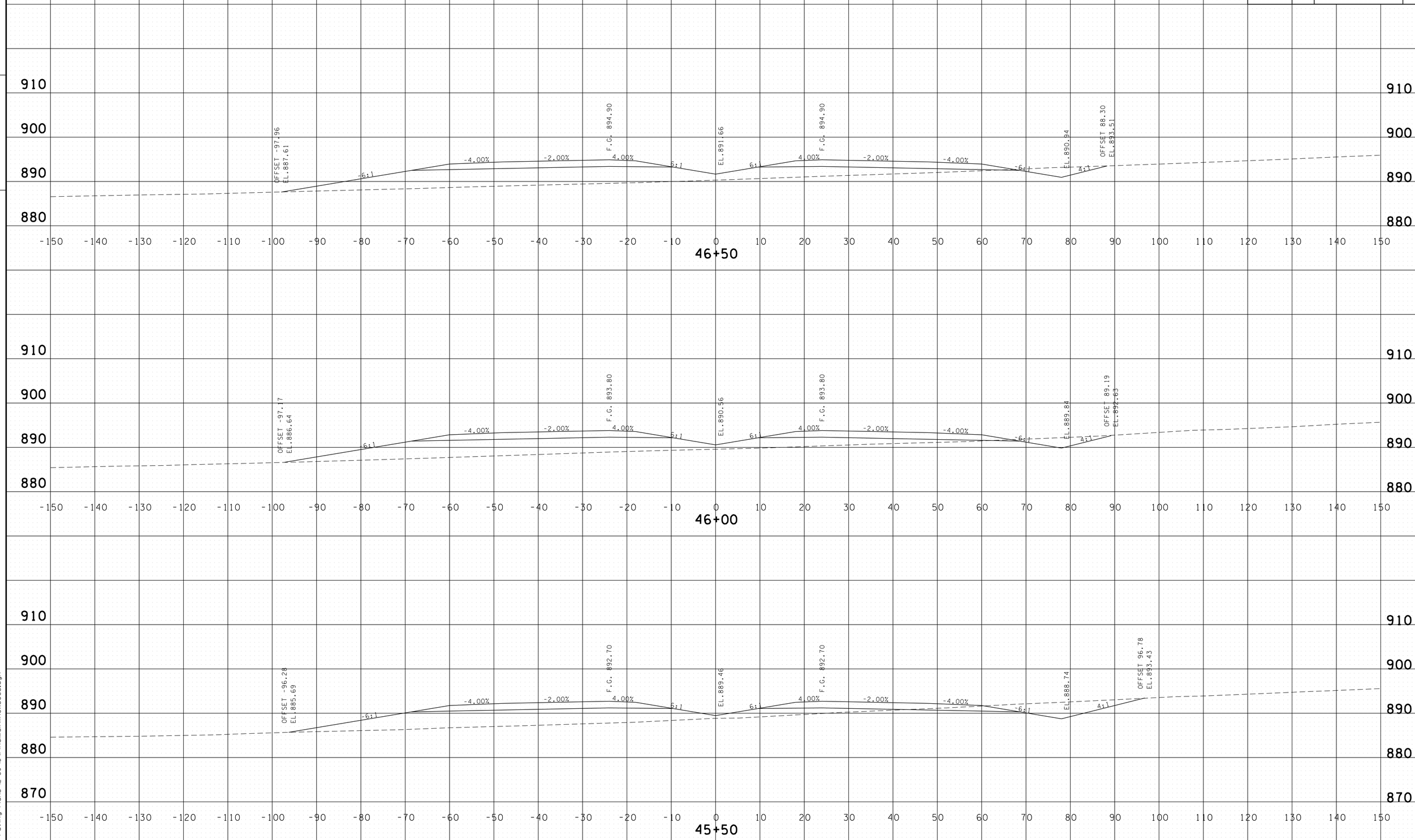
S.R. 15 MAINLINE
STA.44+50 TO STA.45+00

4/30/2014 11:33:32 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	155

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

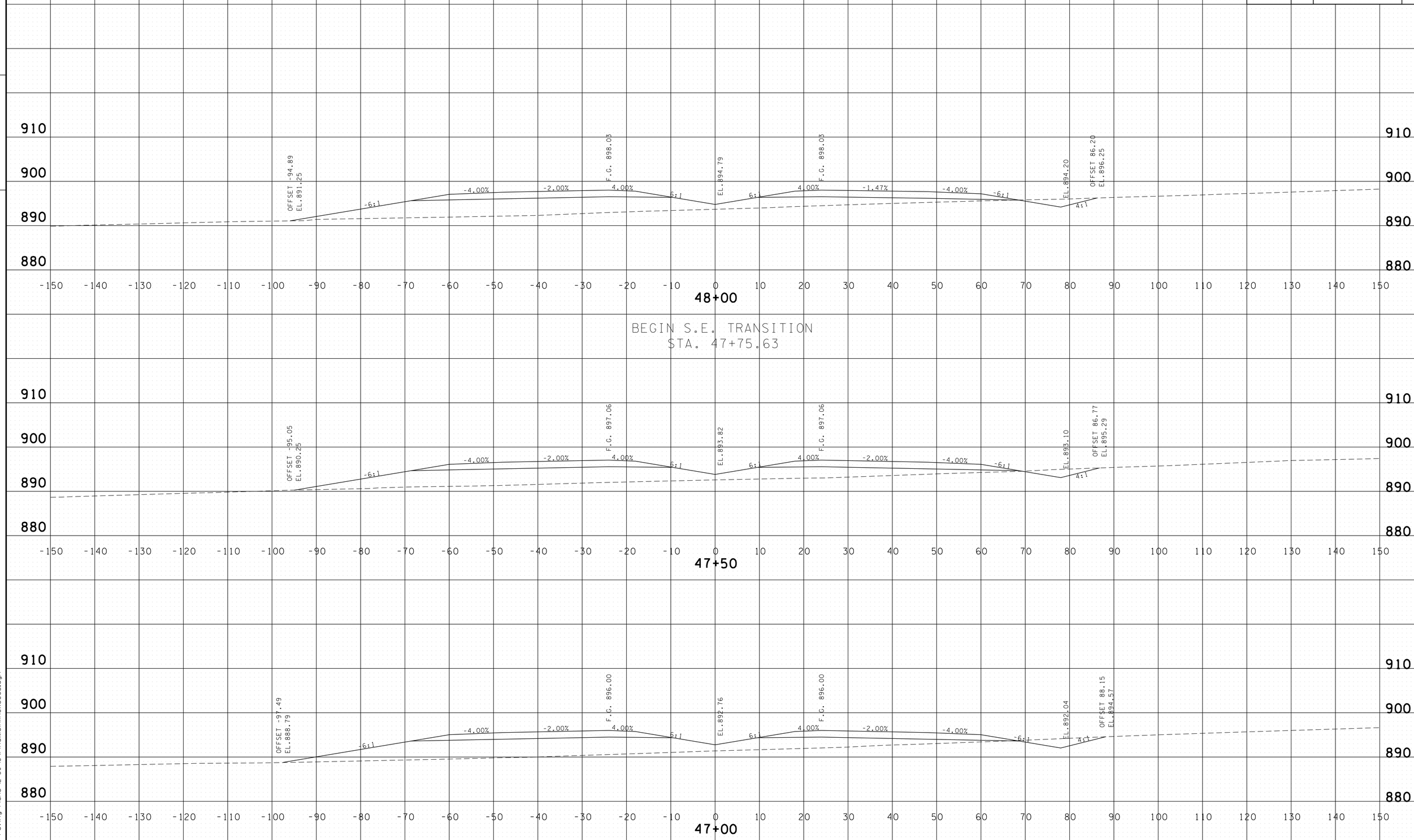
S.R. 15 MAINLINE
STA.45+50 TO STA.46+50

4/30/2014 11:33:34 AM
G:\HDGIN\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	156

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.47+00 TO STA.48+00

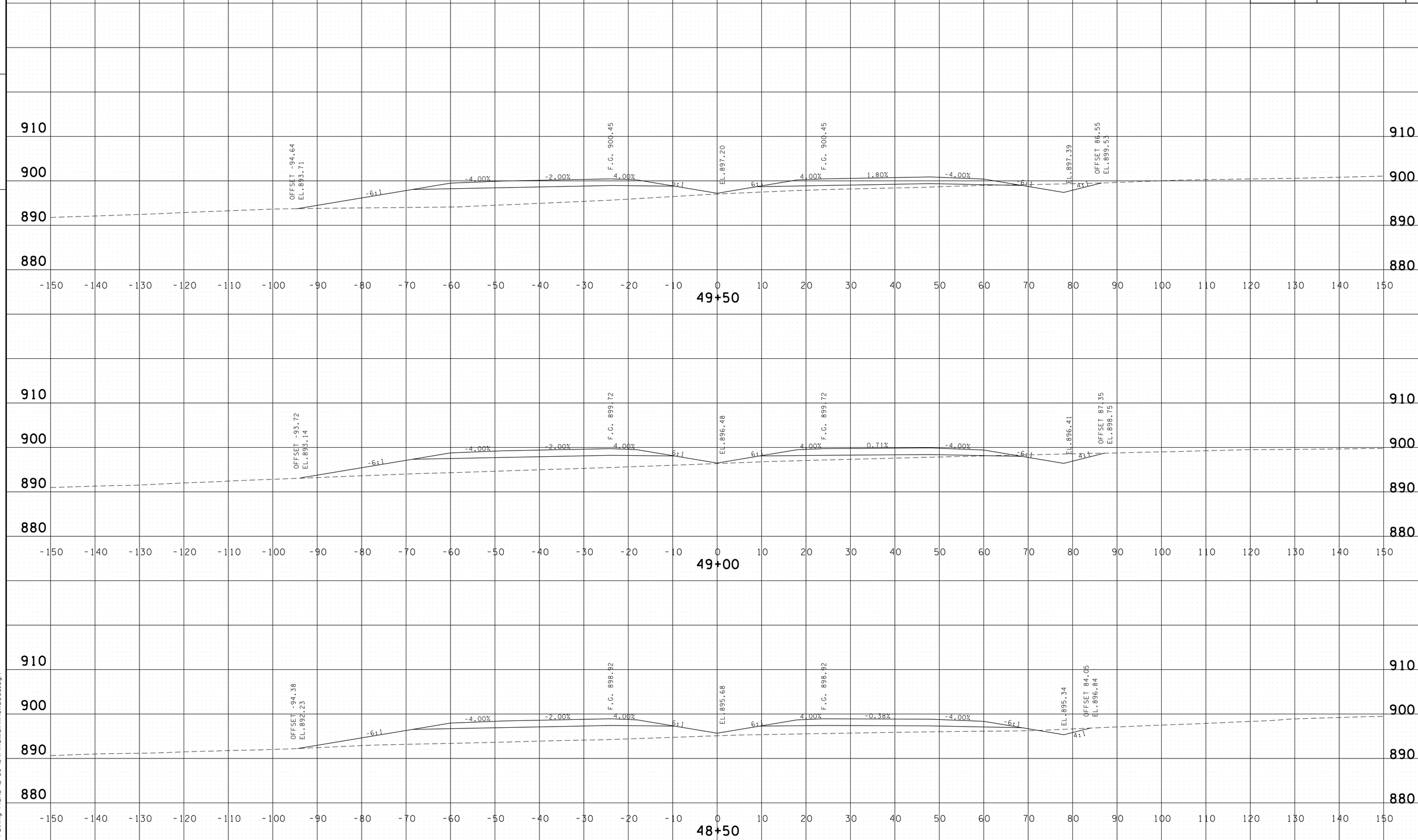
4/30/2014 11:33:35 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	157

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL SUPER STA. 49+95.63
-2.80% LT & 2.80% RT



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

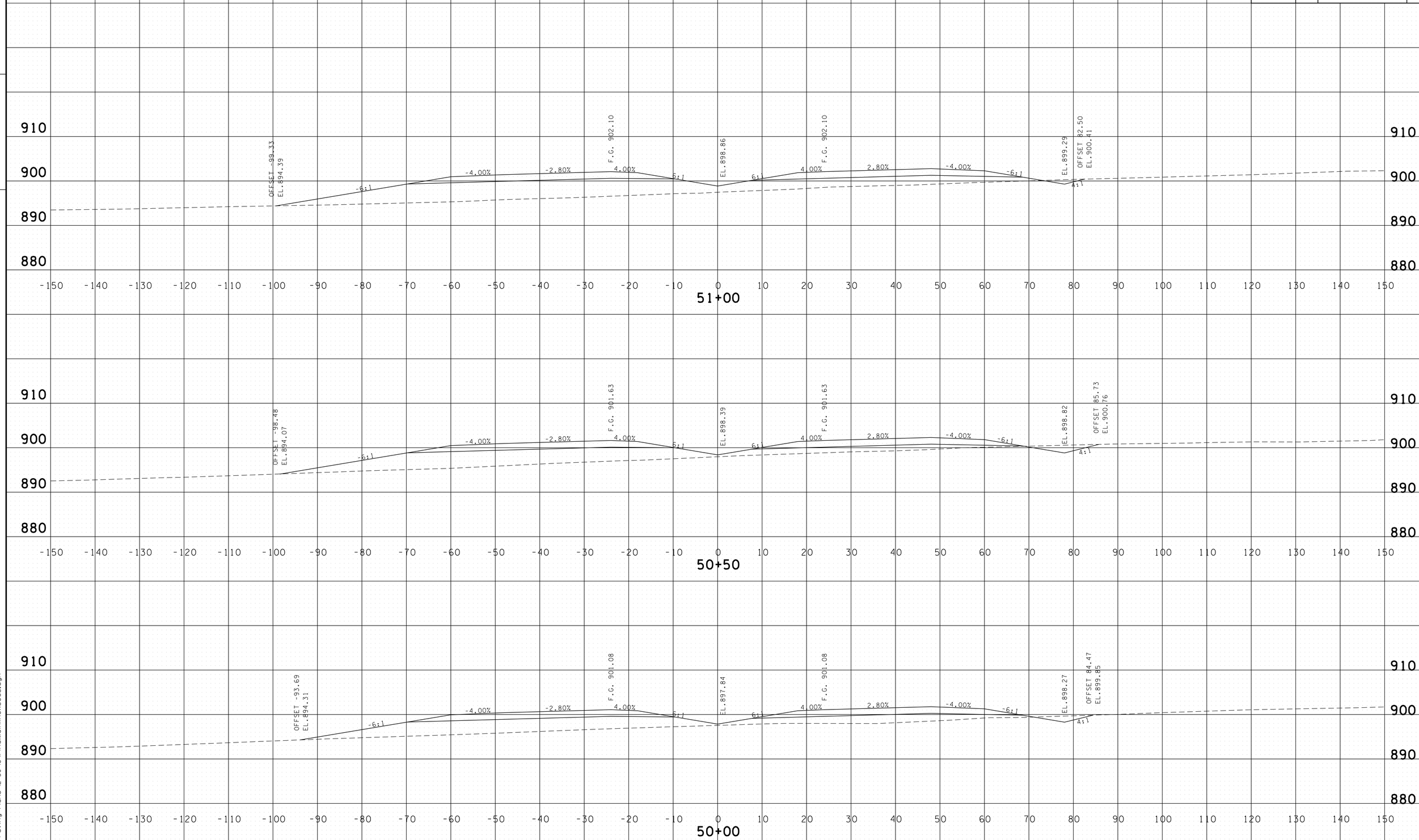
S.R. 15 MAINLINE
STA.48+50 TO STA.49+50

4/30/2014 11:33:37 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	158

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

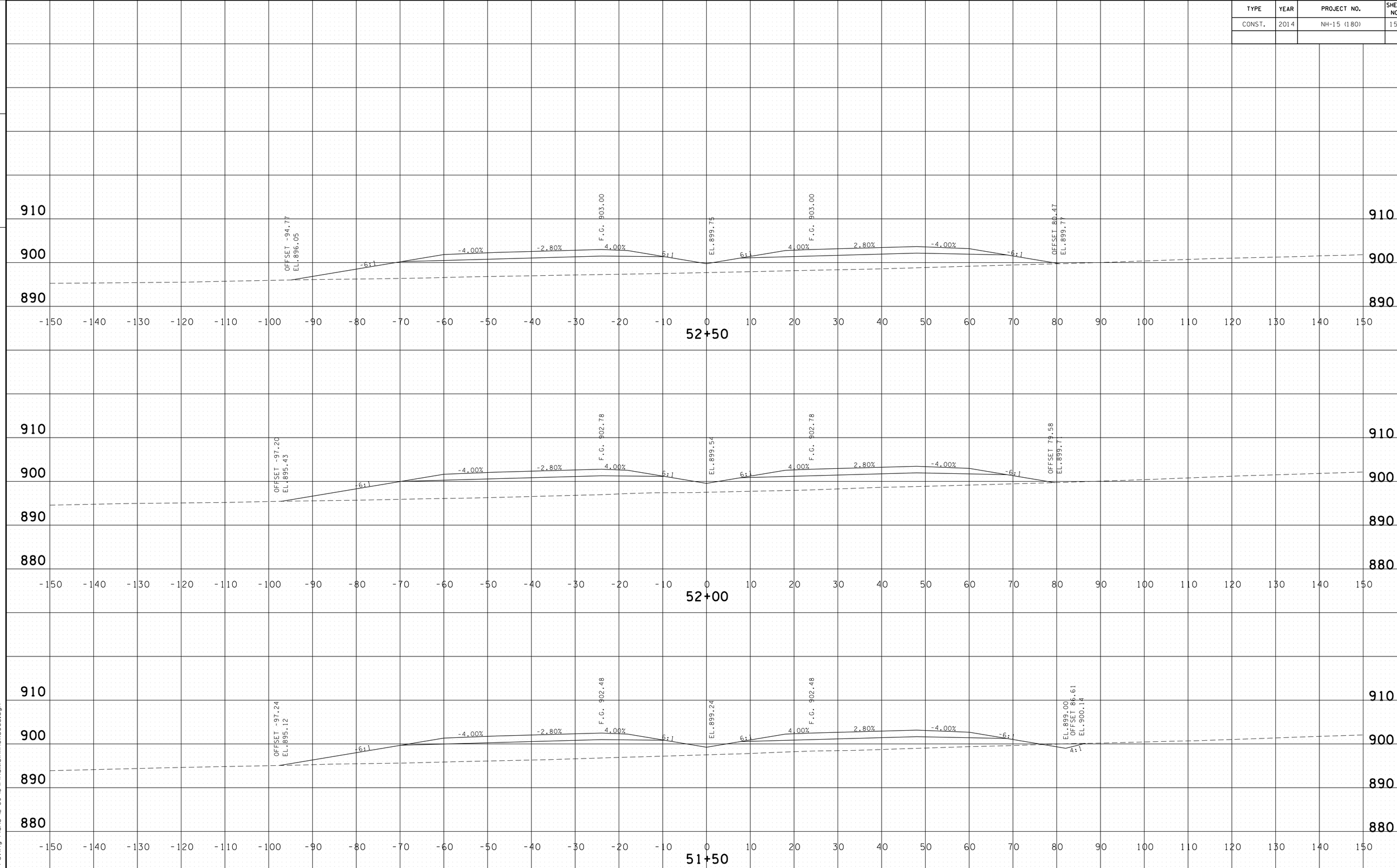
S.R. 15 MAINLINE
STA.50+00 TO STA.51+00

4/30/2014 11:33:39 AM
G:\HDGIN\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	159

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

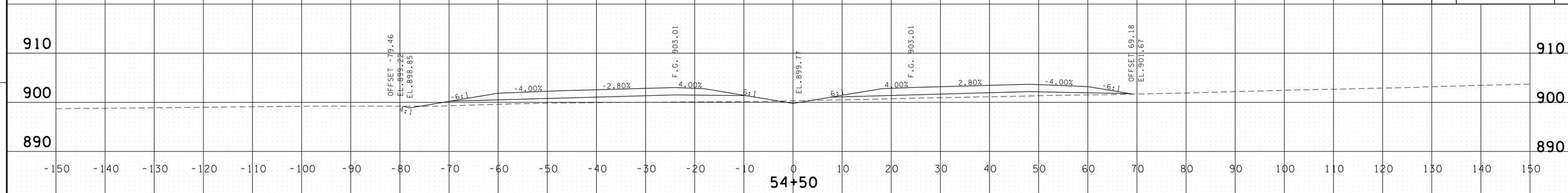
S.R. 15 MAINLINE
STA.51+50 TO STA.52+50

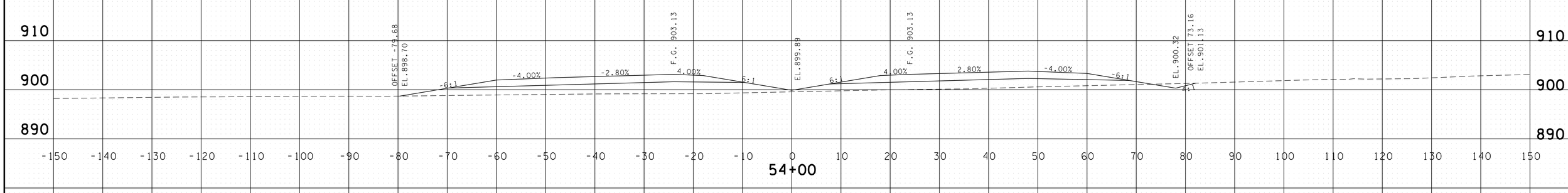
4/30/2014 11:33:40 AM
G:\HDIOIIV\IOIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

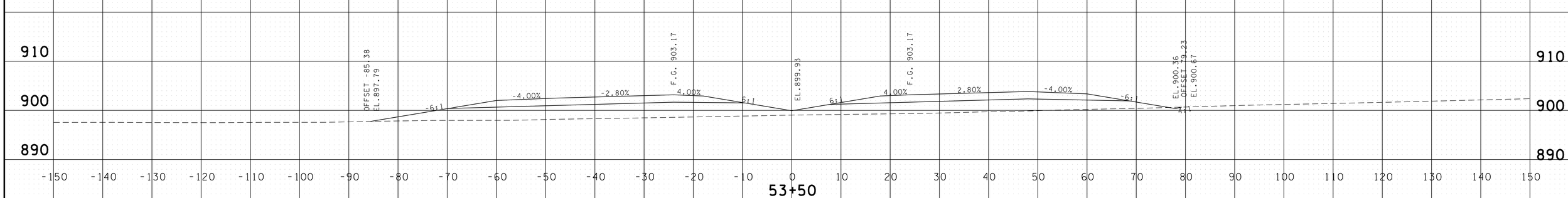
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	160

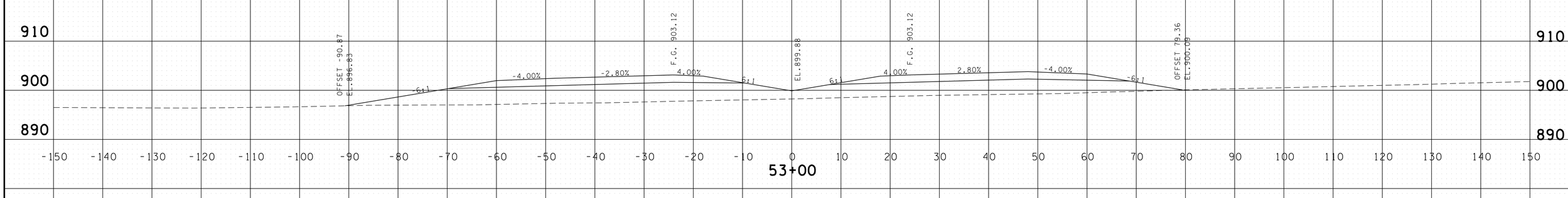
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION









PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

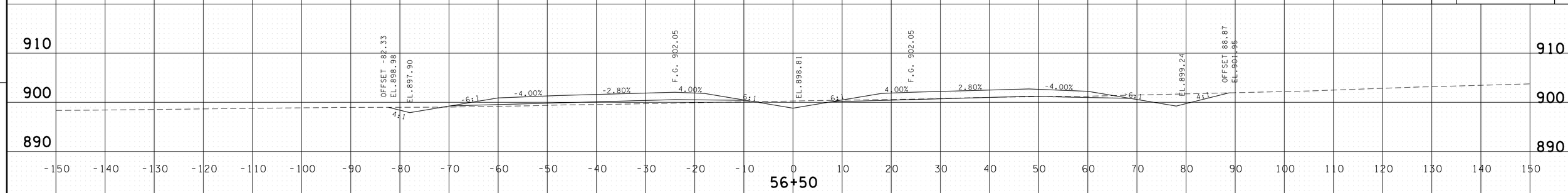
S.R. 15 MAINLINE
STA.53+00 TO STA.54+50

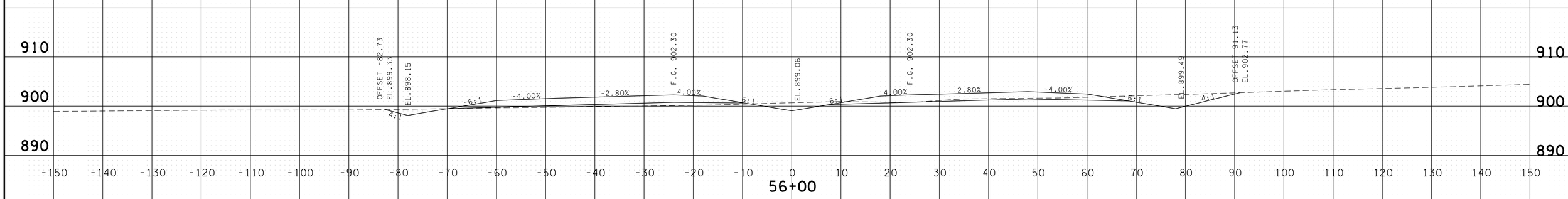
4/30/2014 11:33:42 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

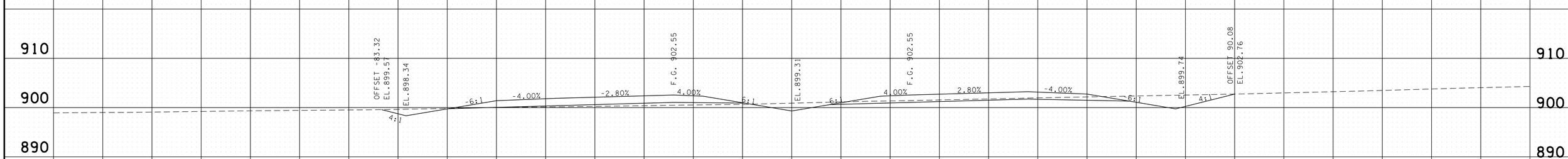
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	161

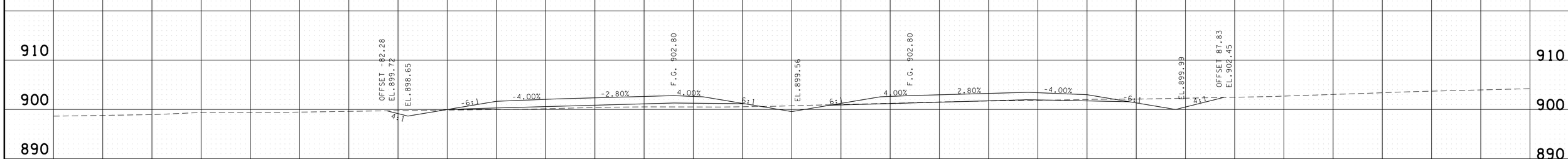
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION









PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

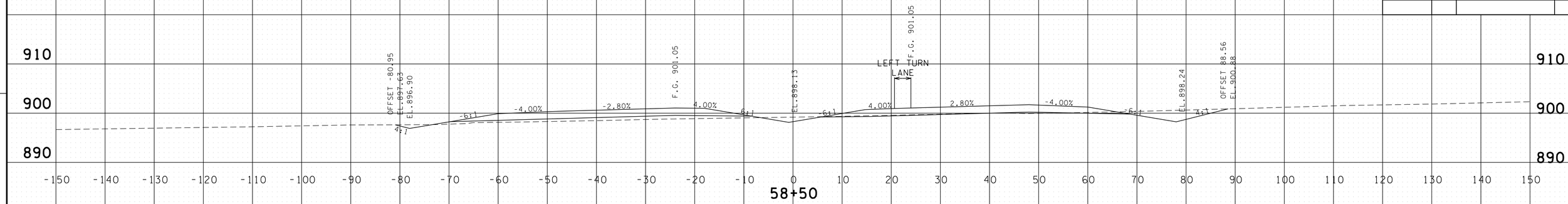
S.R. 15 MAINLINE
STA.55+00 TO STA.56+50

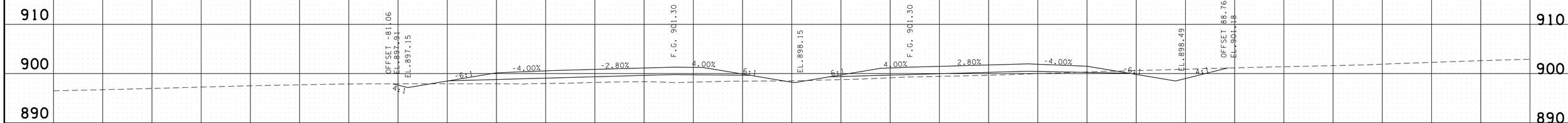
4/30/2014 11:33:44 AM
G:\HDI\DII\DI.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

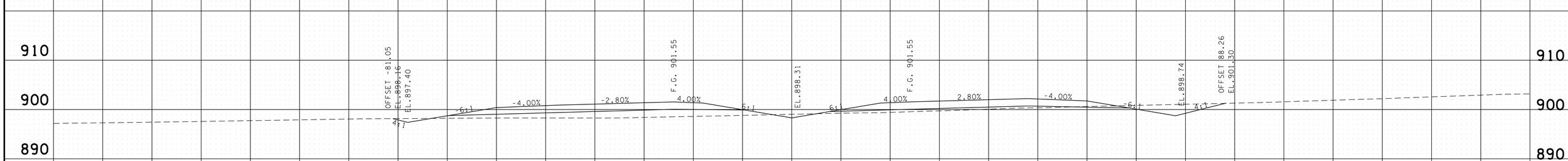
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	162

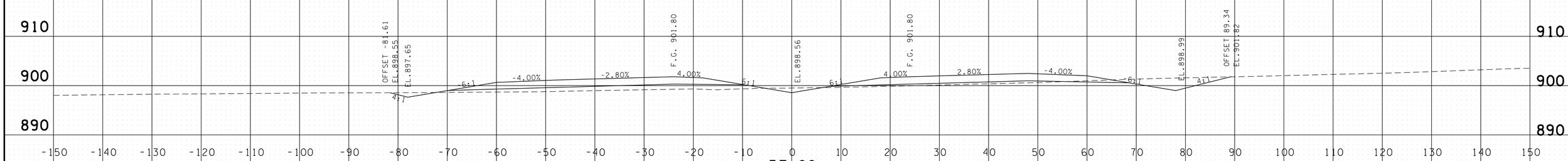
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION









PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

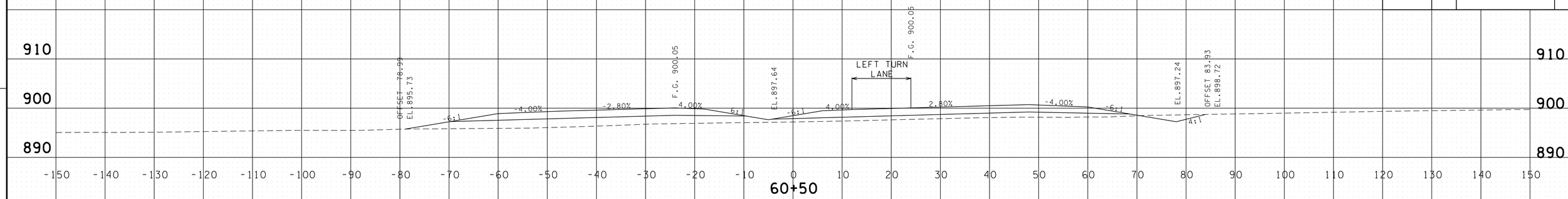
S.R. 15 MAINLINE
STA.57+00 TO STA.58+50

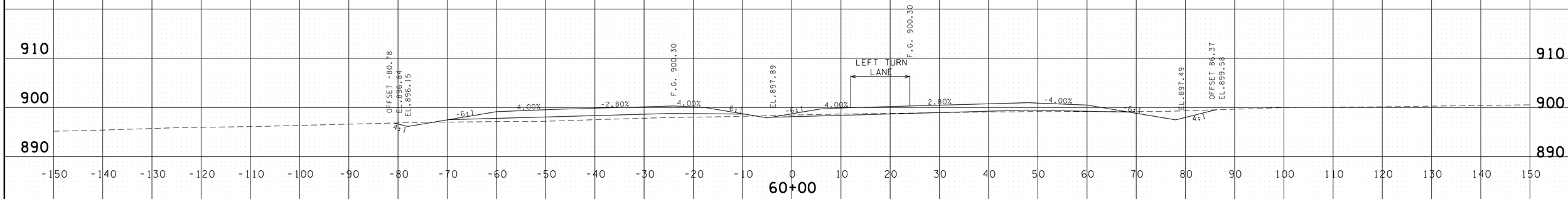
4/30/2014 11:33:45 AM
G:\HDIQIIV\01.03 Paving Plans 12-30-13\FinalMainlinesecs.dgn

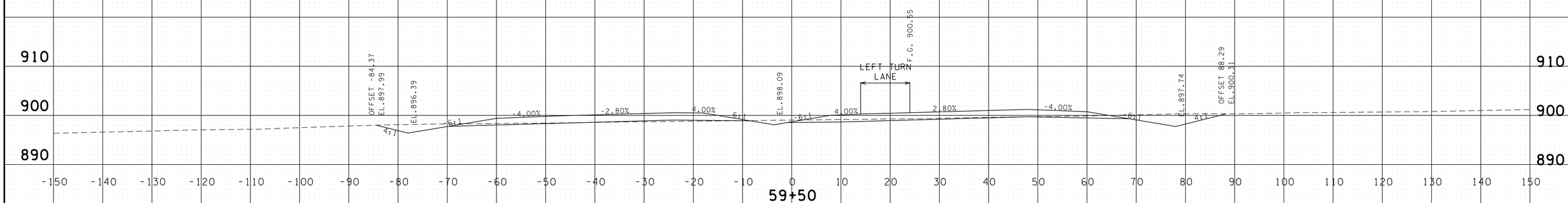
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	163

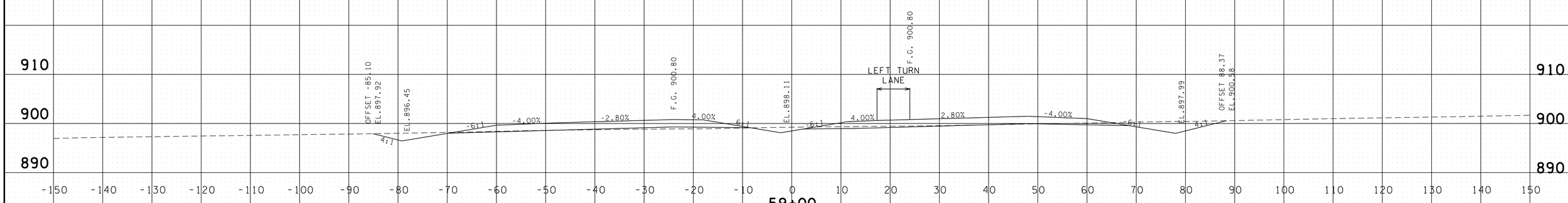
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION









PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

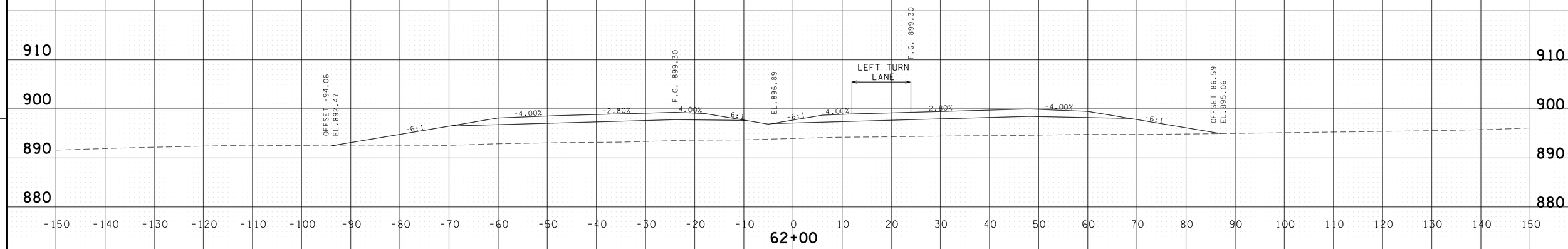
S.R. 15 MAINLINE
STA.59+00 TO STA.60+50

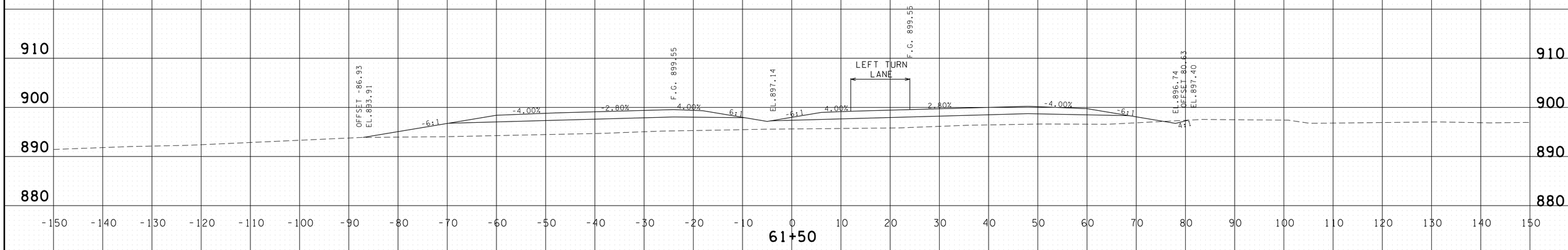
4/30/2014 11:33:47 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

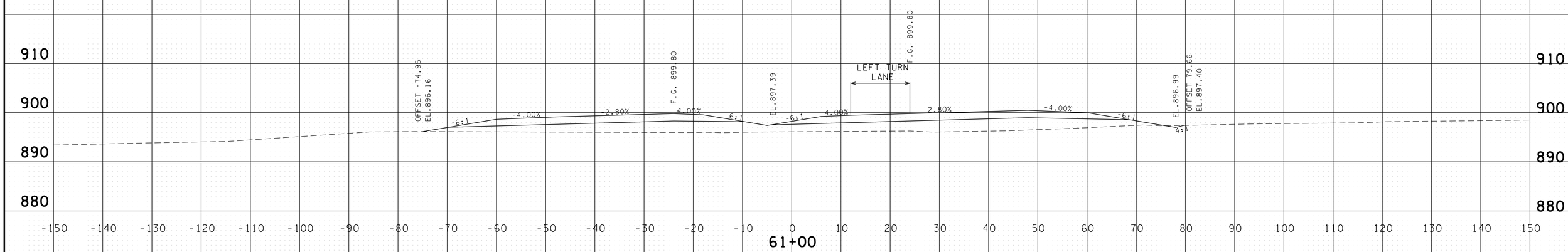
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	164

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

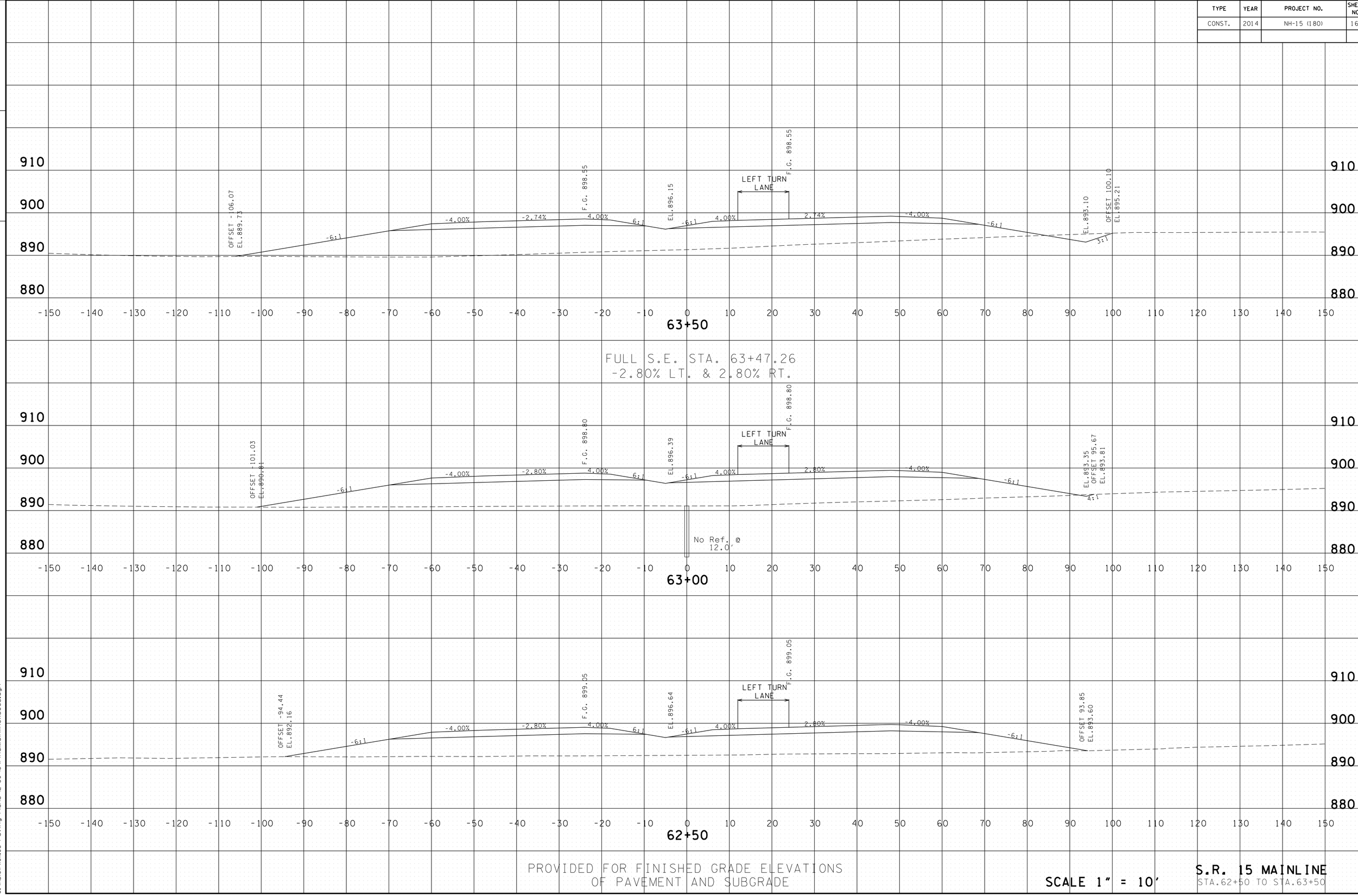
S.R. 15 MAINLINE
STA.61+00 TO STA.62+00

4/30/2014 11:33:49 AM
G:\HDGIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	165

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

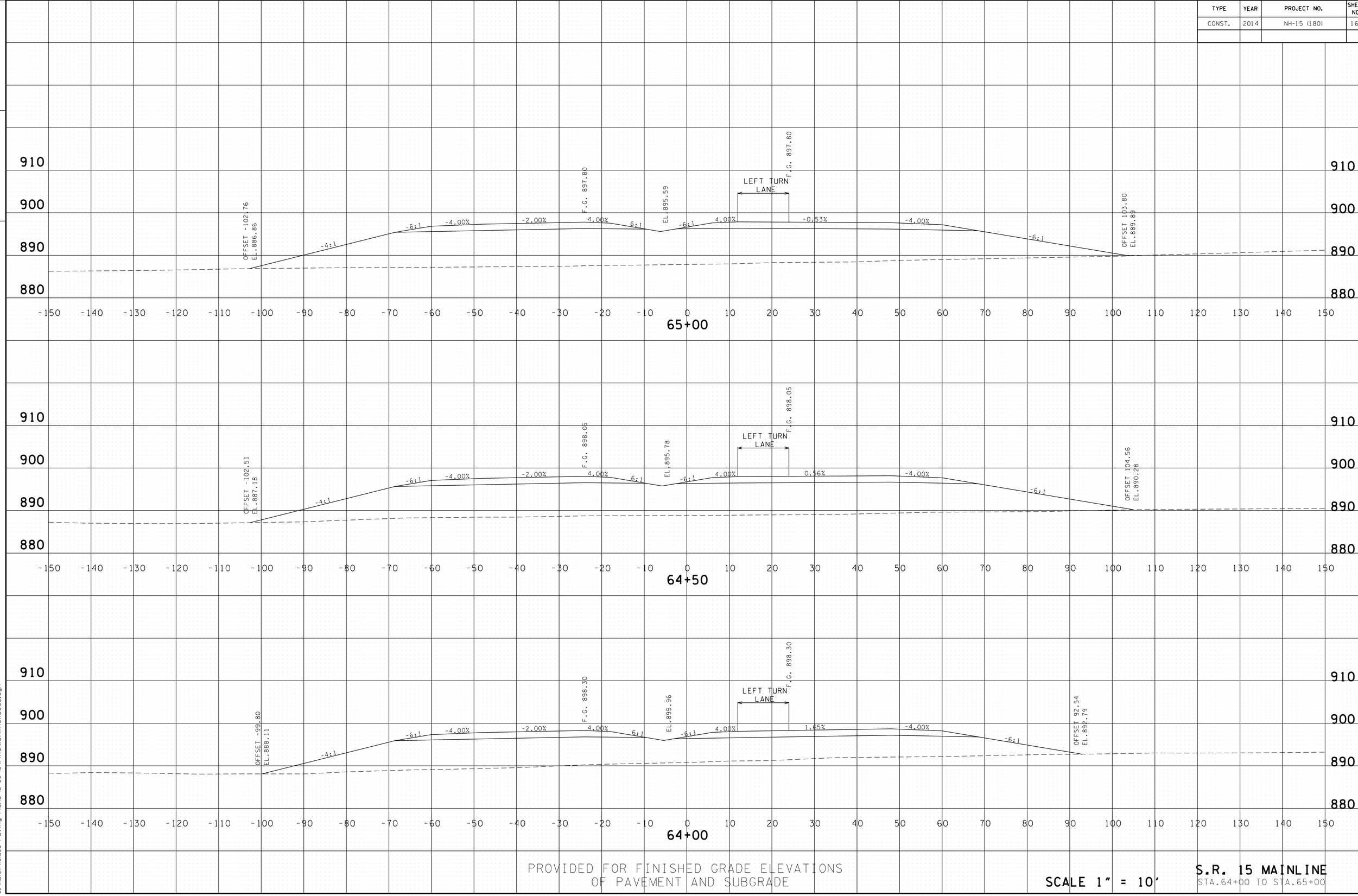
S.R. 15 MAINLINE
STA.62+50 TO STA.63+50

4/30/2014 11:33:51 AM
G:\HDI0I\N0IL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	166

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

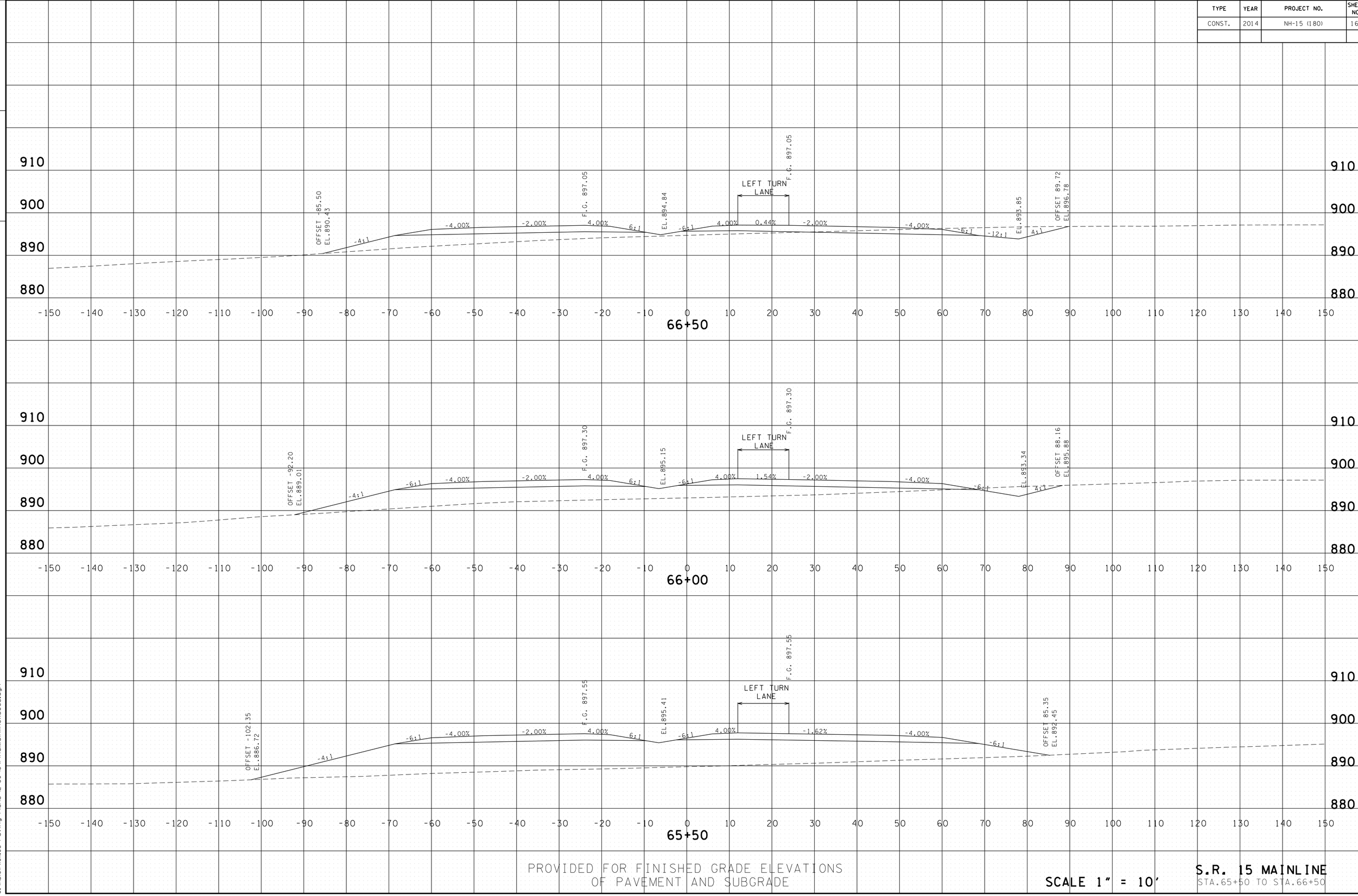
S.R. 15 MAINLINE
STA.64+00 TO STA.65+00

4/30/2014 11:33:52 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	167

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

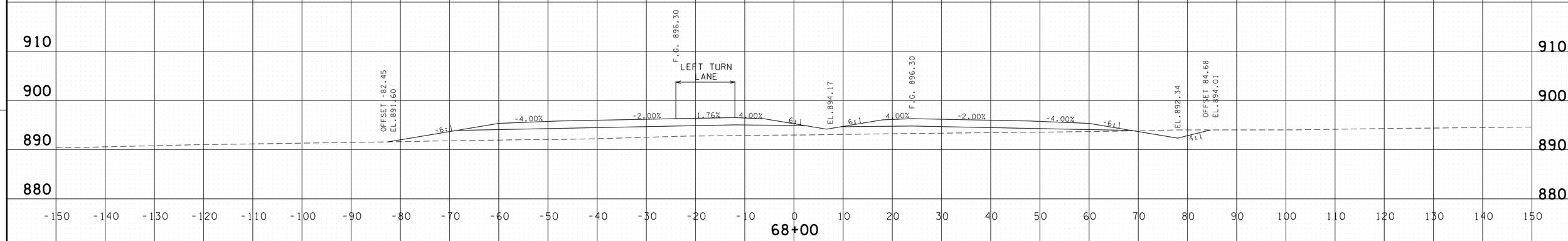
S.R. 15 MAINLINE
STA.65+50 TO STA.66+50

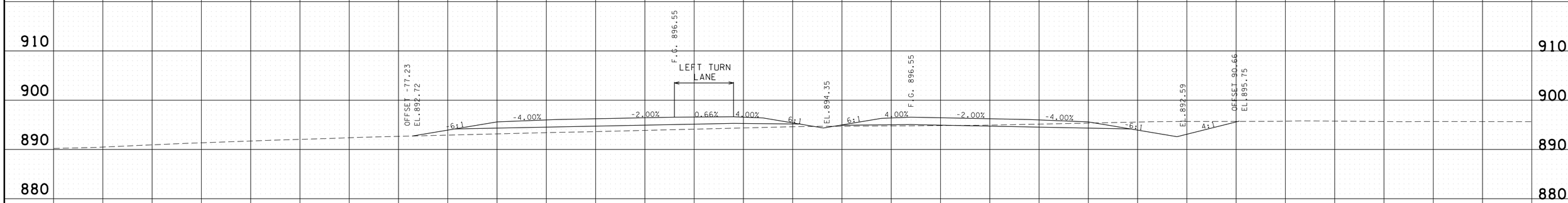
4/30/2014 11:33:54 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

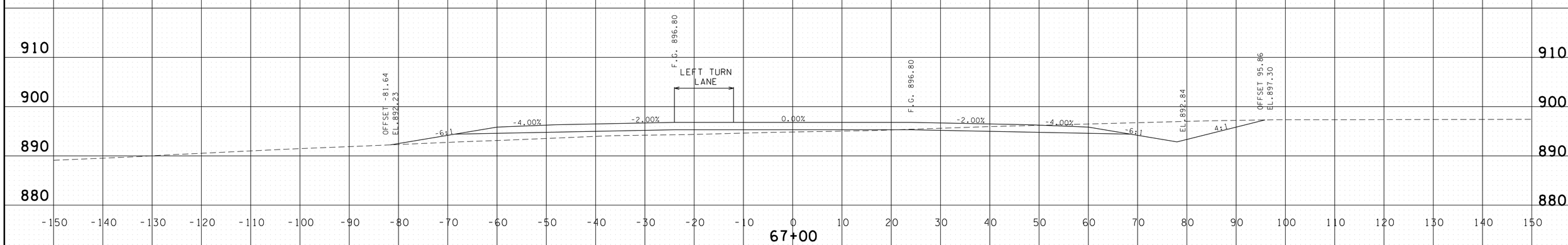
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	168

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

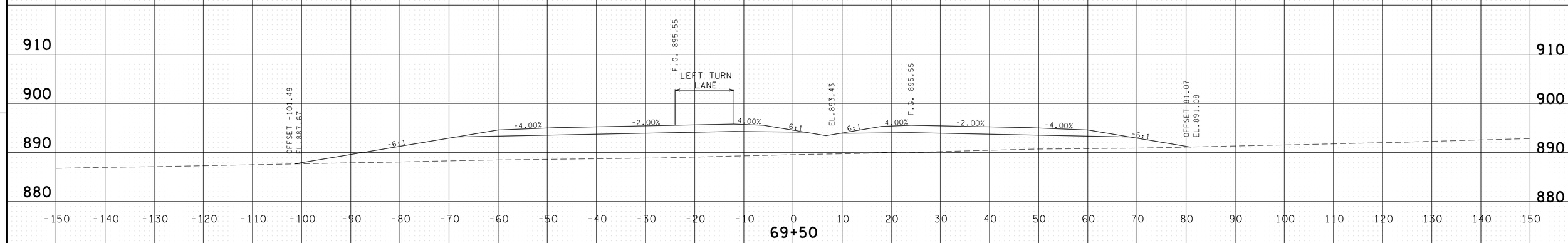
S.R. 15 MAINLINE
STA.67+00 TO STA.68+00

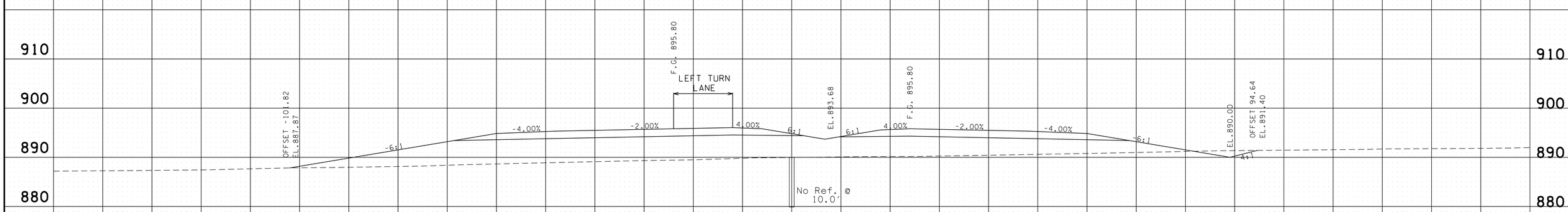
4/30/2014 11:33:56 AM
G:\HD\011\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

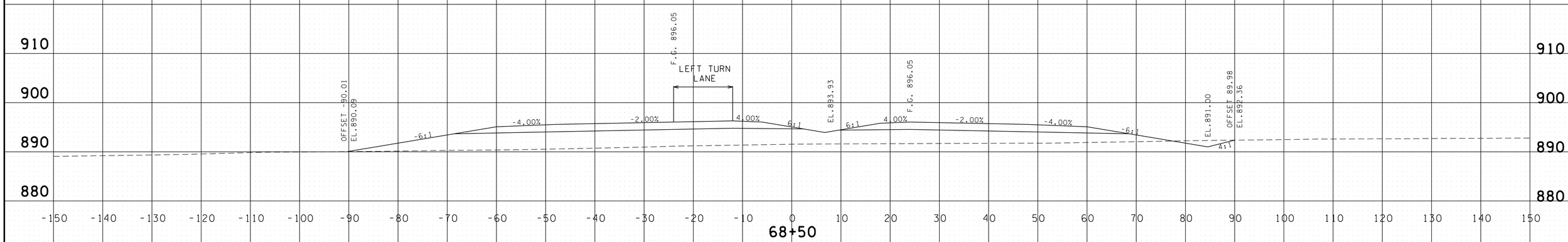
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	169

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

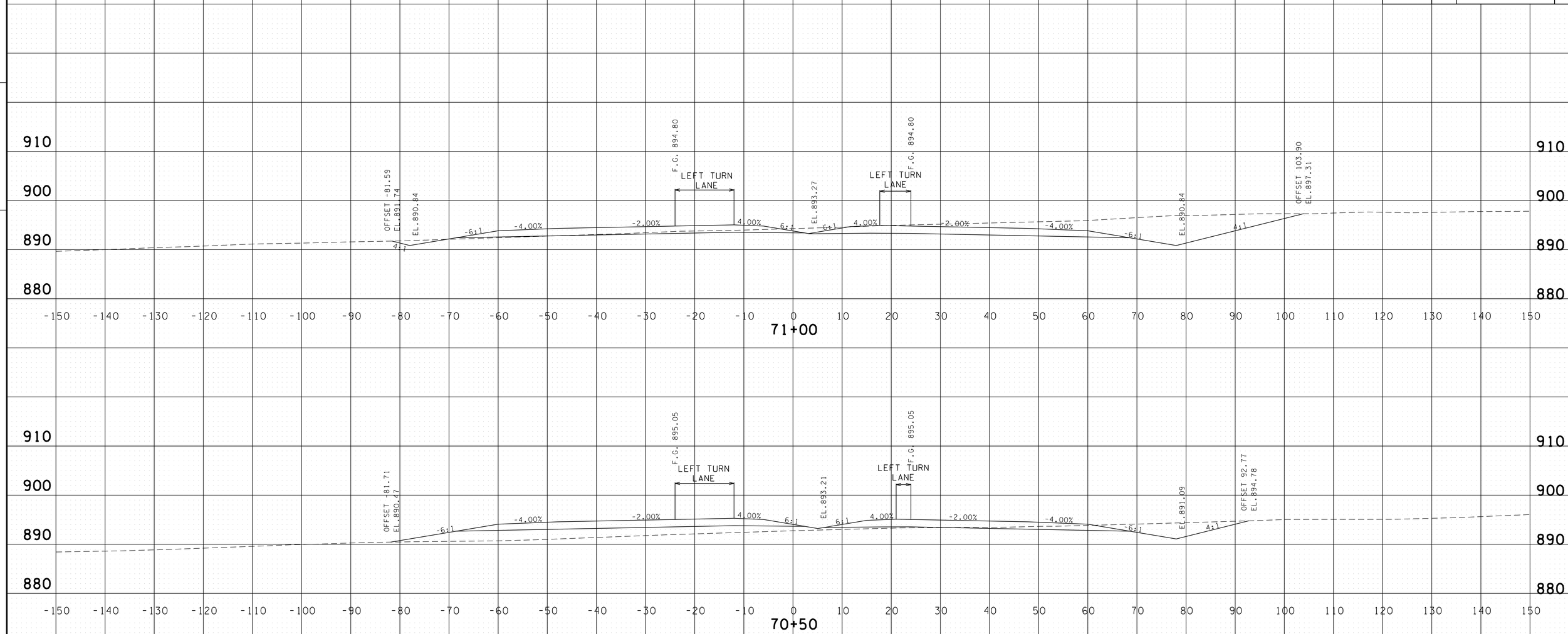
S.R. 15 MAINLINE
STA.68+50 TO STA.69+50

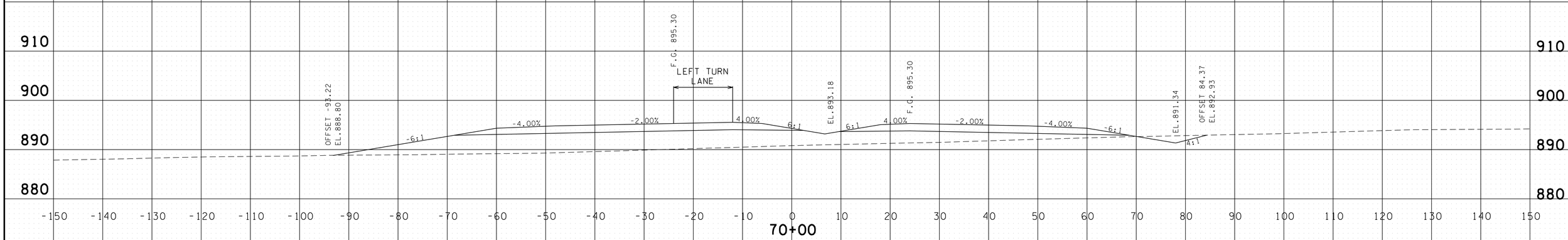
4/30/2014 11:33:57 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	170

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

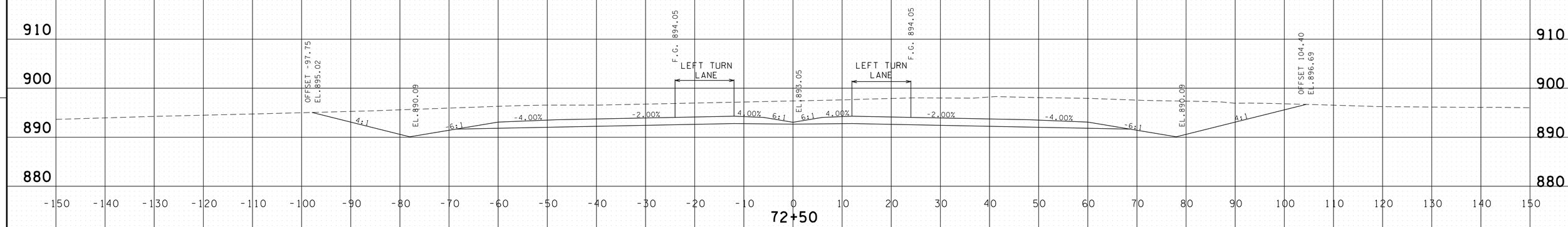
S.R. 15 MAINLINE
STA.70+00 TO STA.71+00

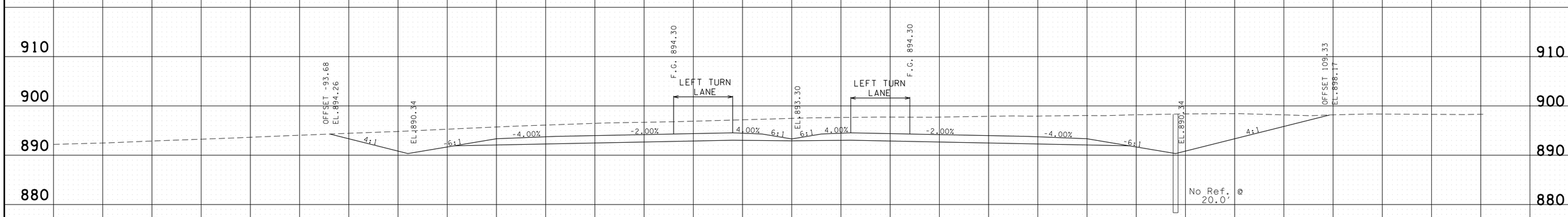
4/30/2014 11:33:59 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

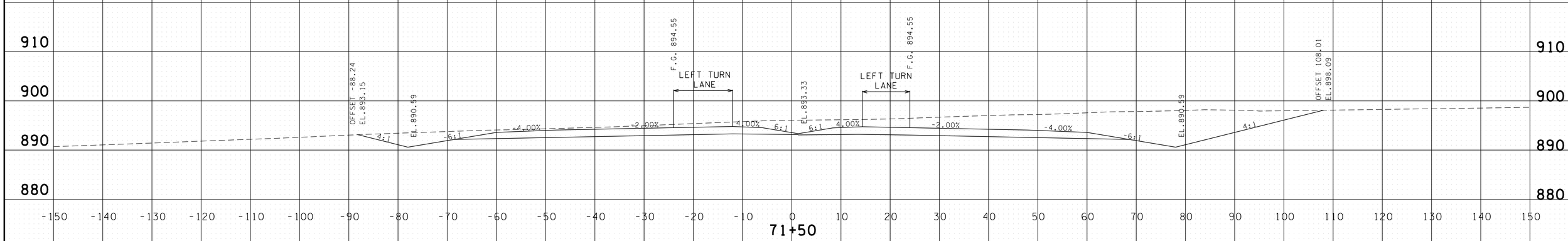
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	171

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

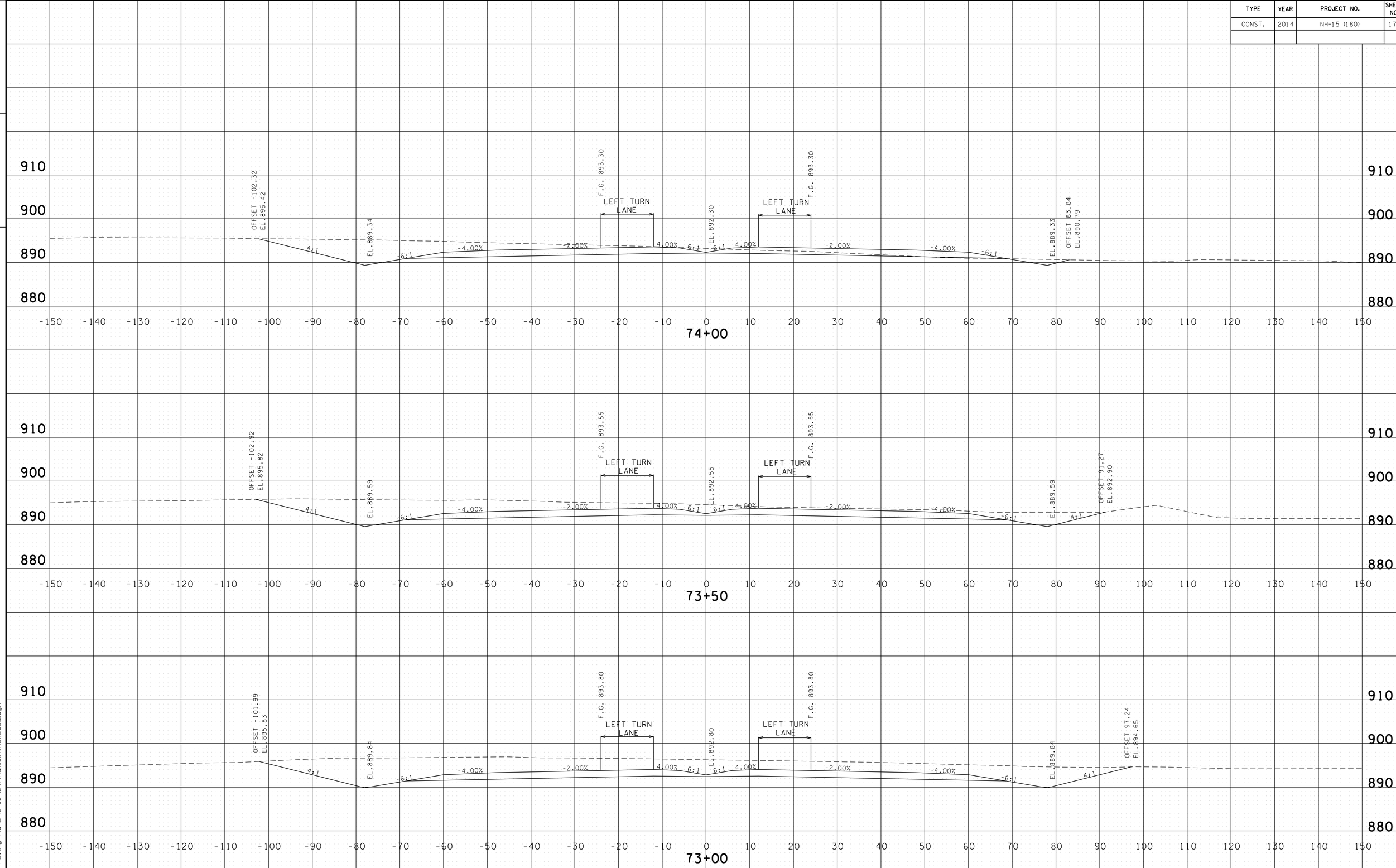
S.R. 15 MAINLINE
STA.71+50 TO STA.72+50

4/30/2014 11:34:01 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	172

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

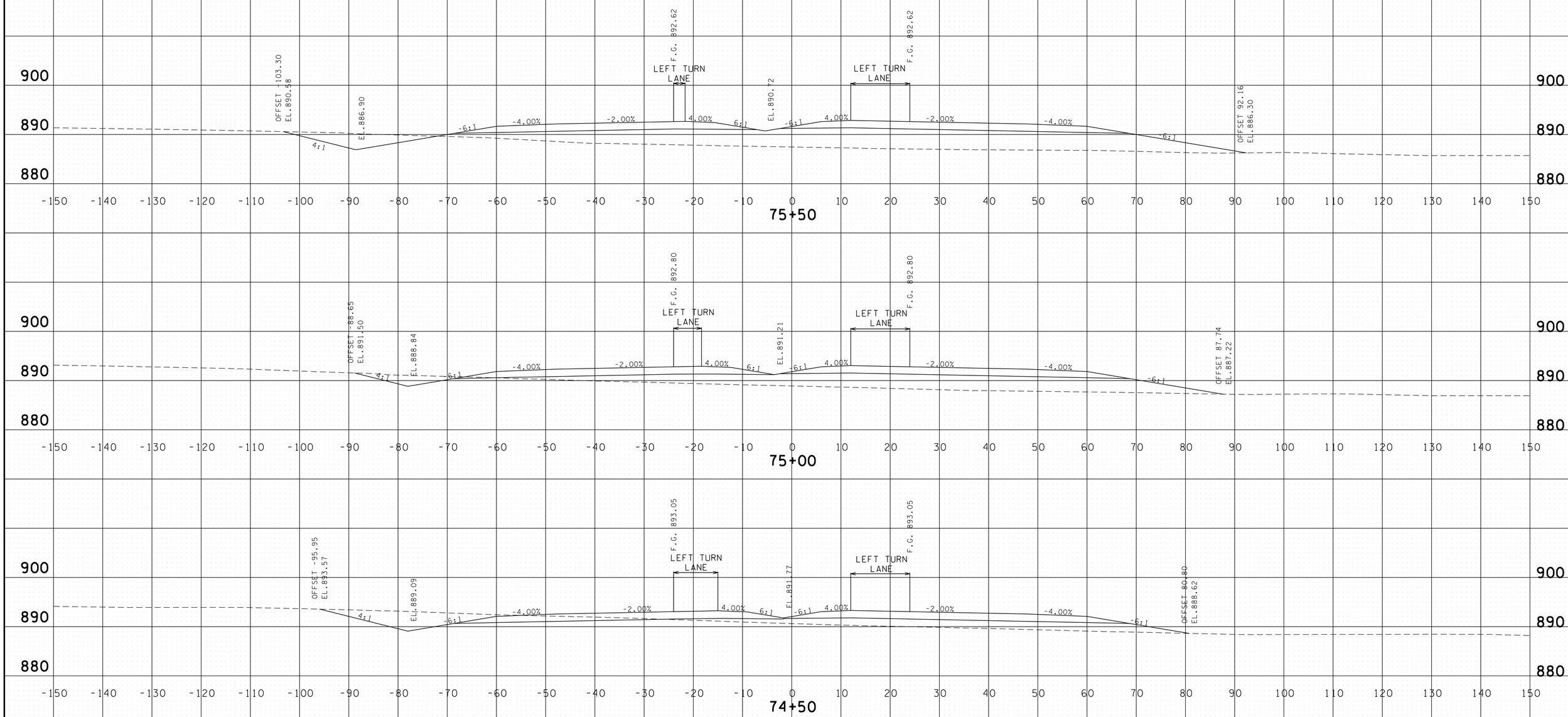
S.R. 15 MAINLINE
STA.73+00 TO STA.74+00

4/30/2014 11:34:02 AM
G:\HDIOI\IOIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	173

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

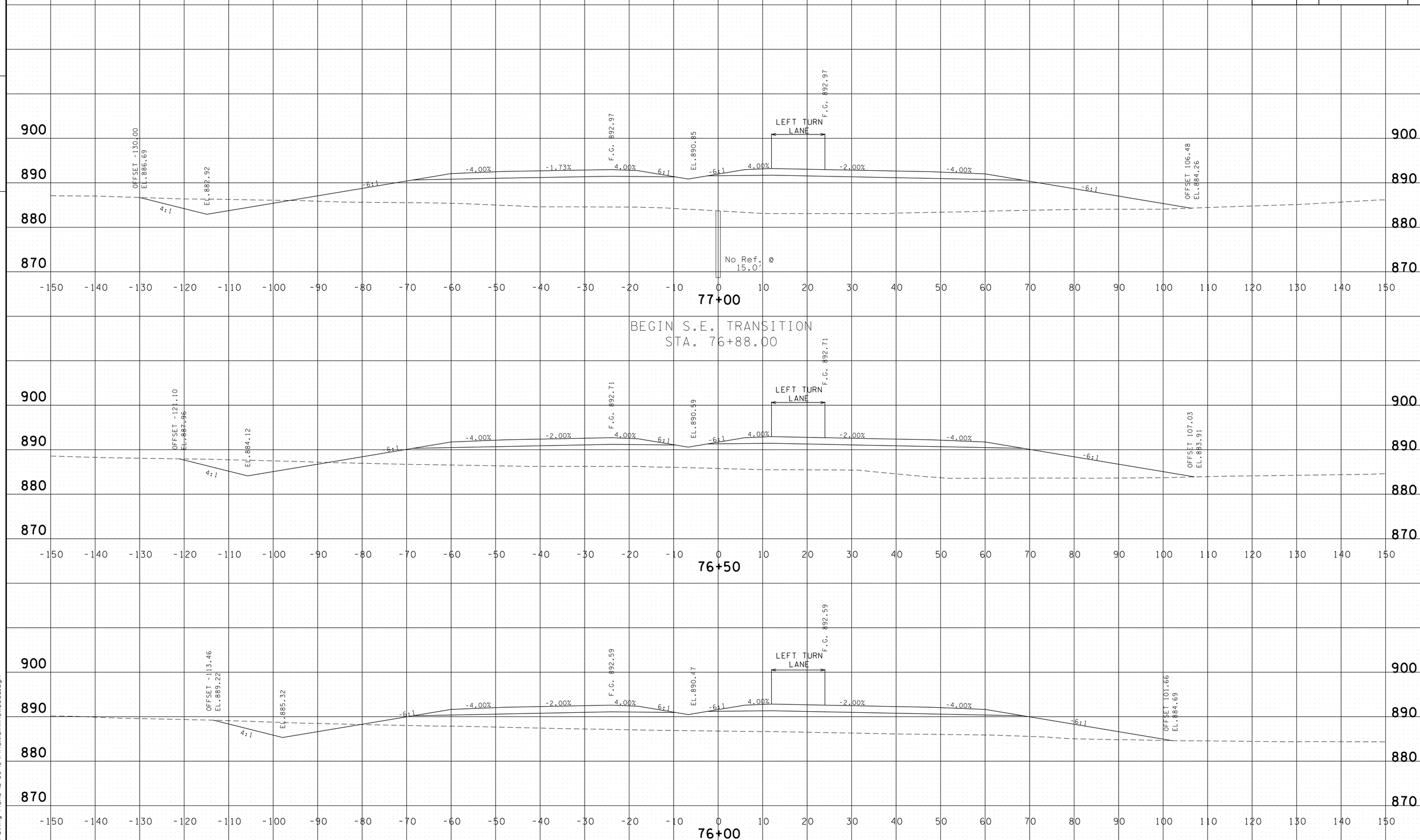
S.R. 15 MAINLINE
STA.74+50 TO STA.75+50

4/30/2014 11:34:04 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	174

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

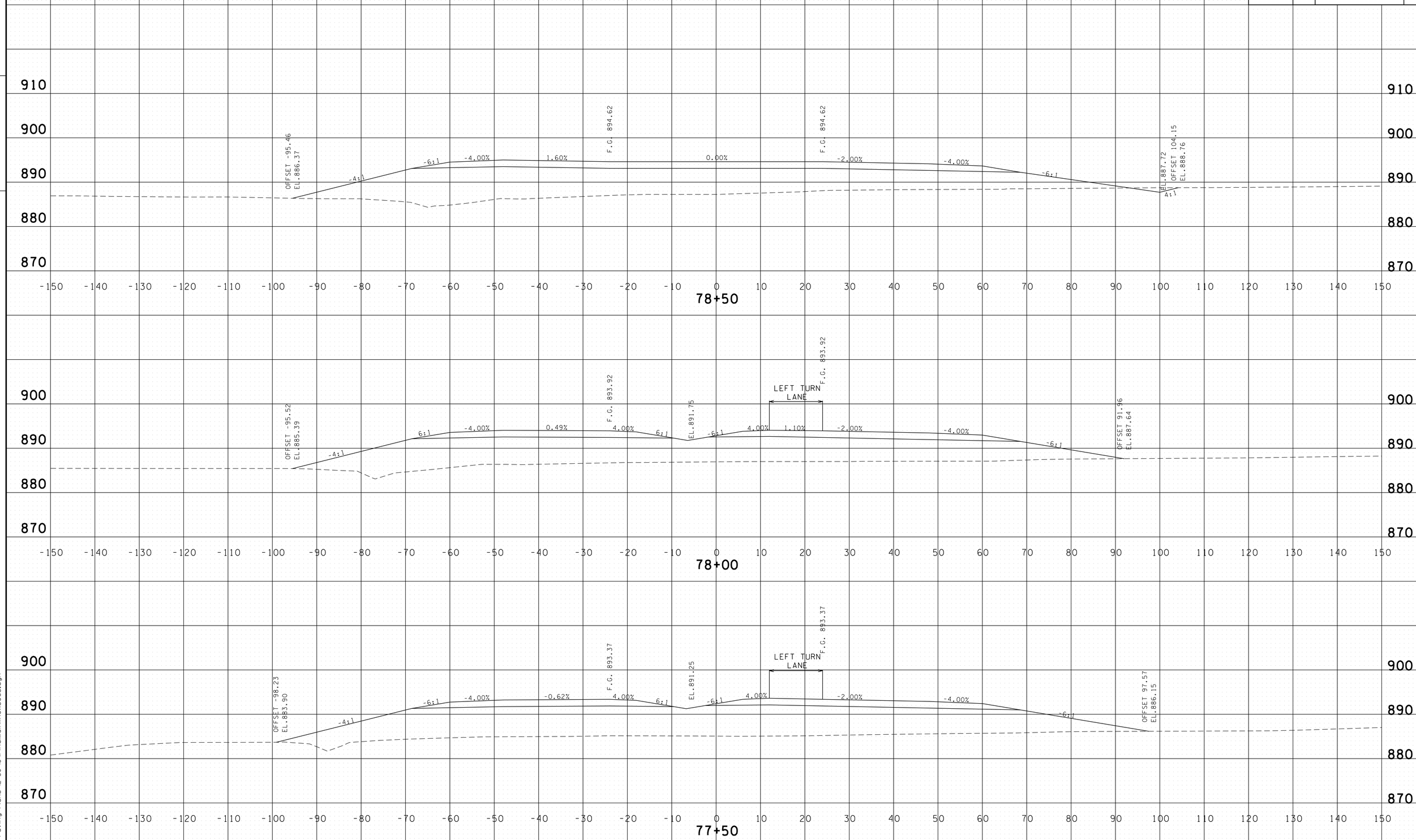
S.R. 15 MAINLINE
STA.76+00 TO STA.77+00

4/30/2014 11:34:06 AM
G:\HDI01\10L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	175

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

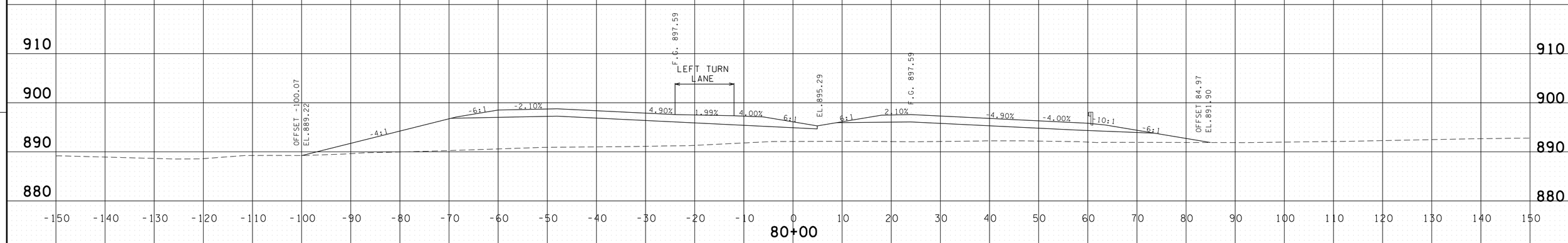
S.R. 15 MAINLINE
STA.77+50 TO STA.78+50

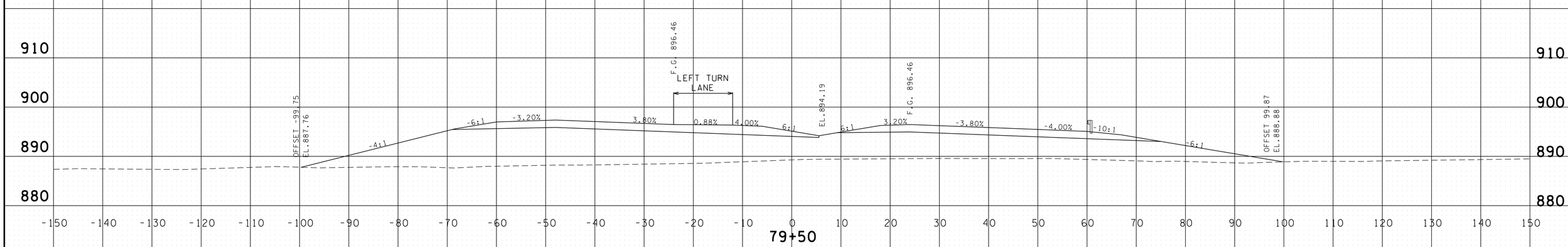
4/30/2014 11:34:08 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

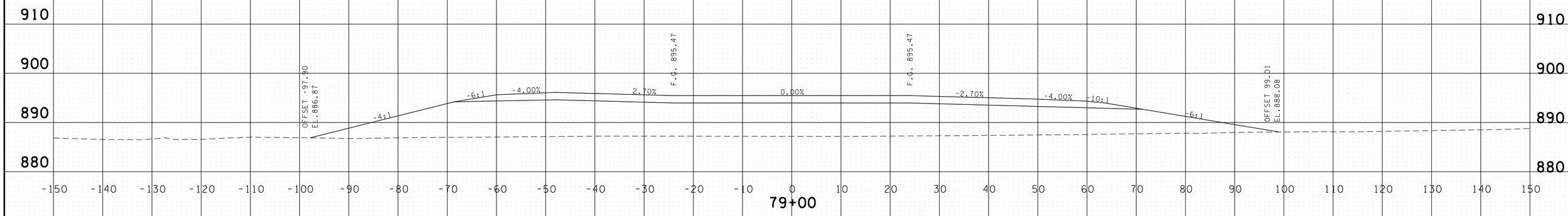
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	176

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

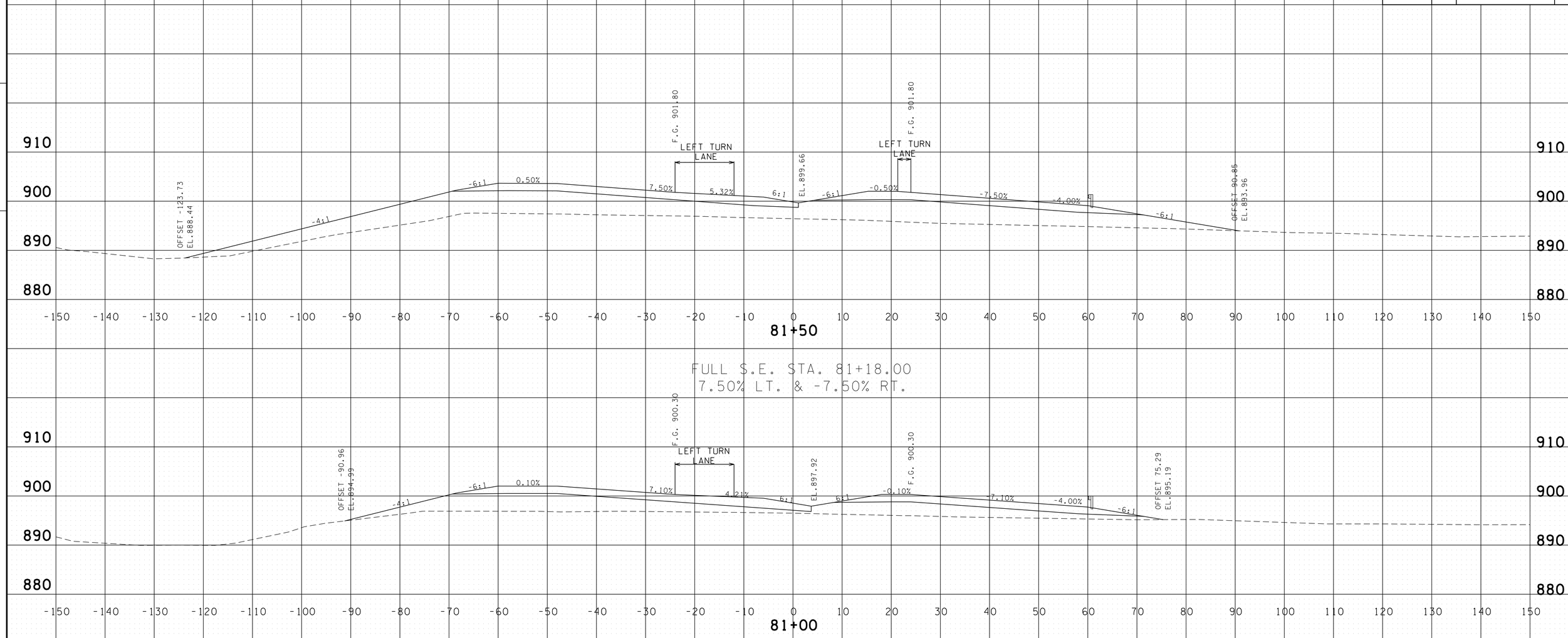
S.R. 15 MAINLINE
STA.79+00 TO STA.80+00

4/30/2014 11:34:09 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

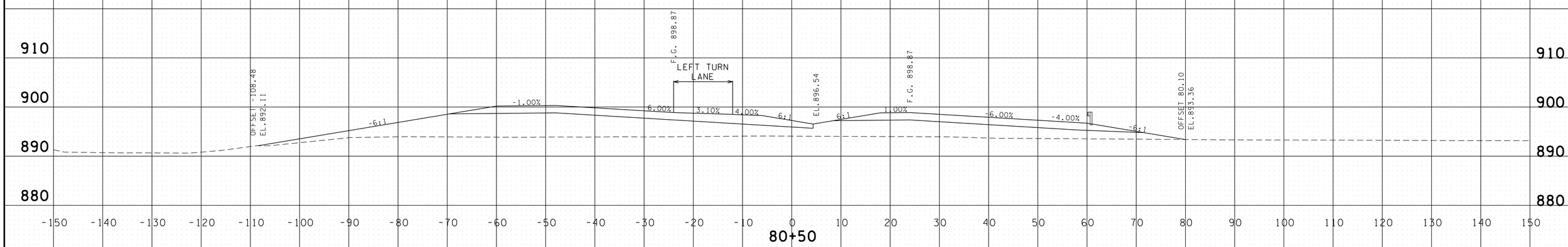
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	177

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 81+18.00
7.50% LT. & -7.50% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

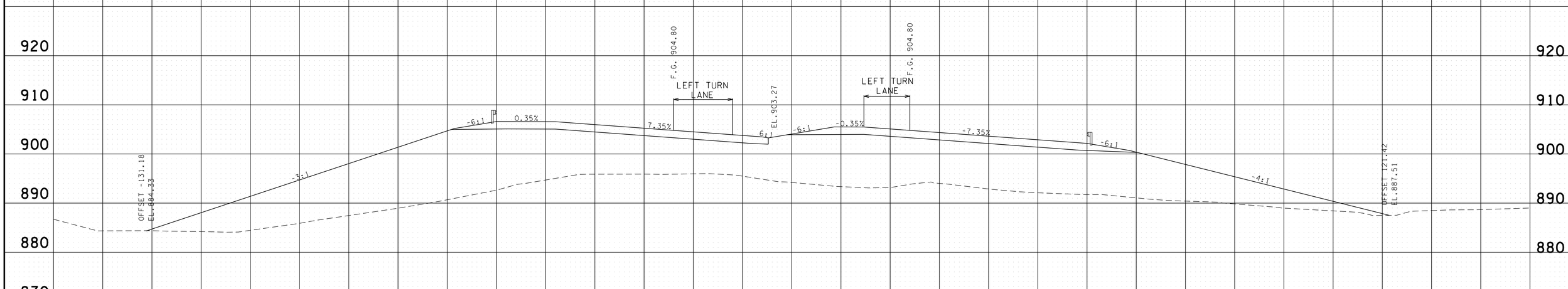
S.R. 15 MAINLINE
STA.80+50 TO STA.81+50

4/30/2014 11:34:11 AM
G:\HD\011\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

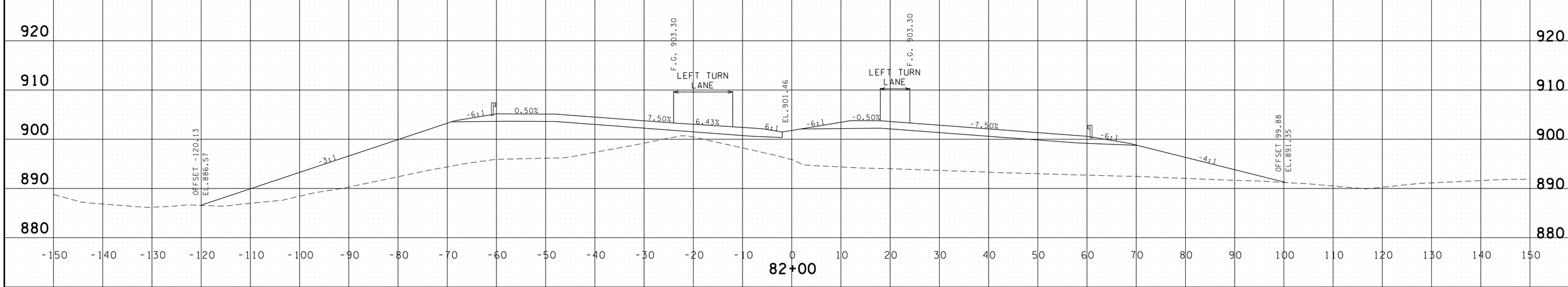
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	178

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 82+43.25
7.50% LT. & -7.50% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

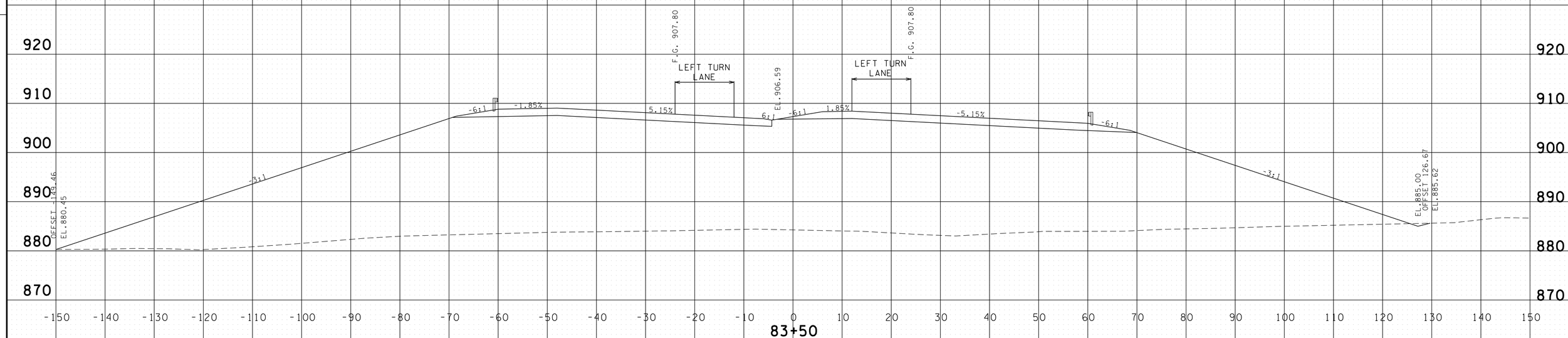
S.R. 15 MAINLINE
STA.82+00 TO STA.82+50

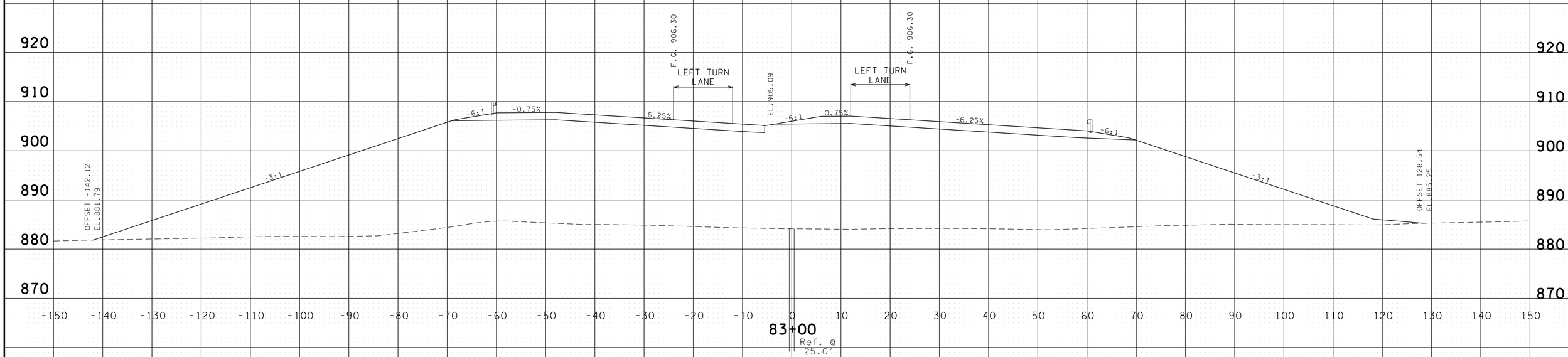
4/30/2014 11:34:13 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	179

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

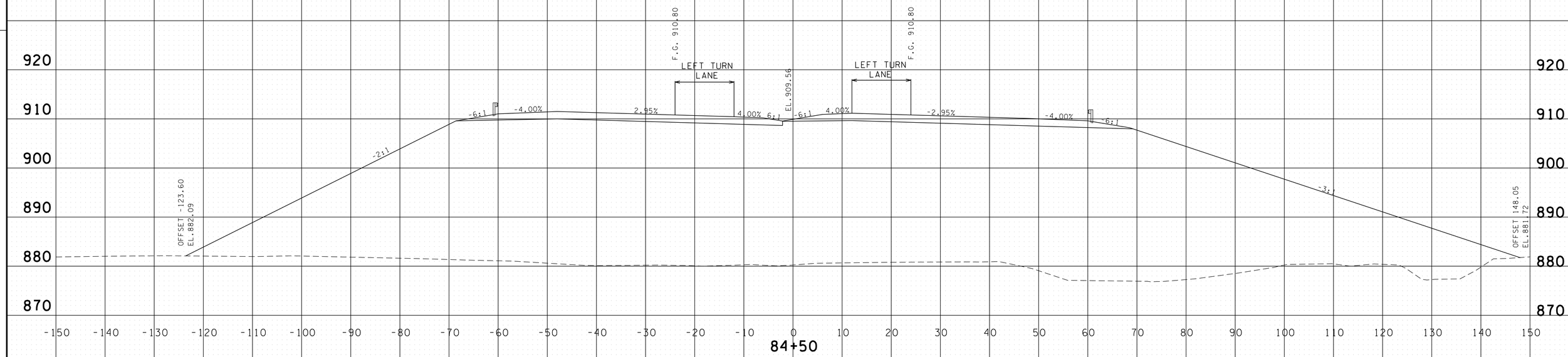
S.R. 15 MAINLINE
STA.83+00 TO STA.83+50

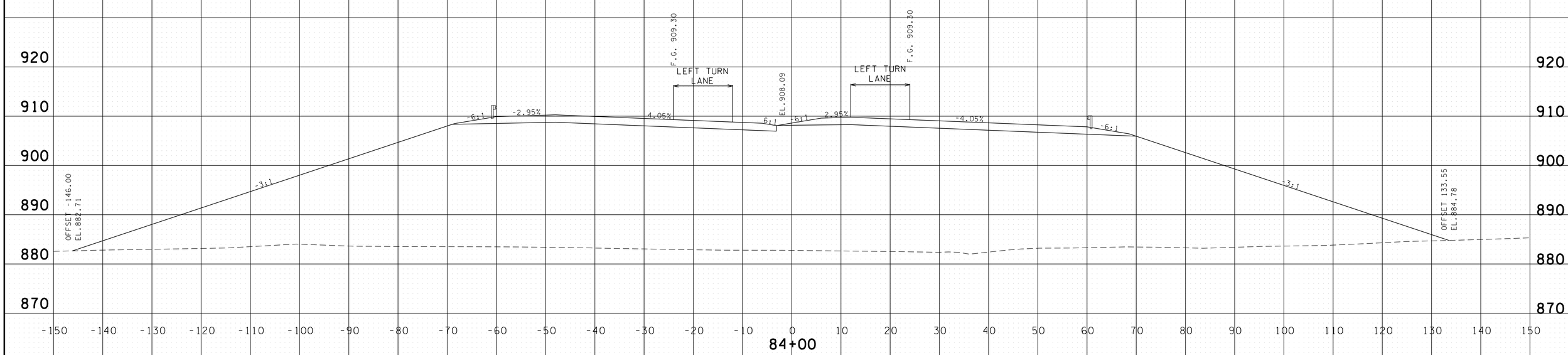
4/30/2014 11:34:14 AM
G:\HQ\OIV\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	180

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

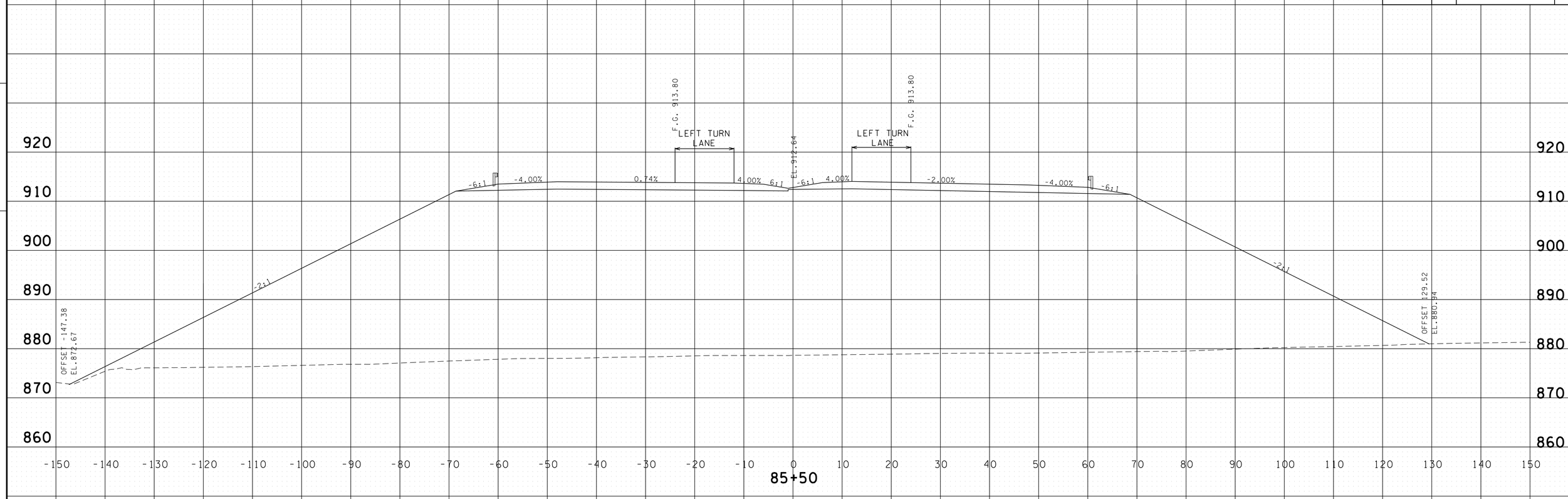
S.R. 15 MAINLINE
STA.84+00 TO STA.84+50

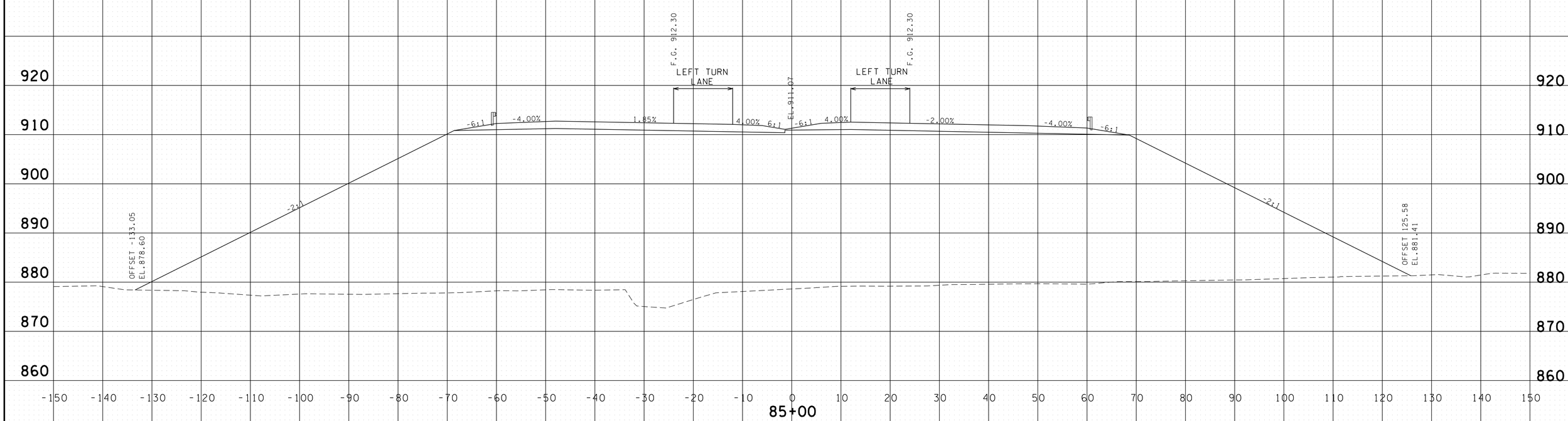
4/30/2014 11:34:16 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	181

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.85+00 TO STA.85+50

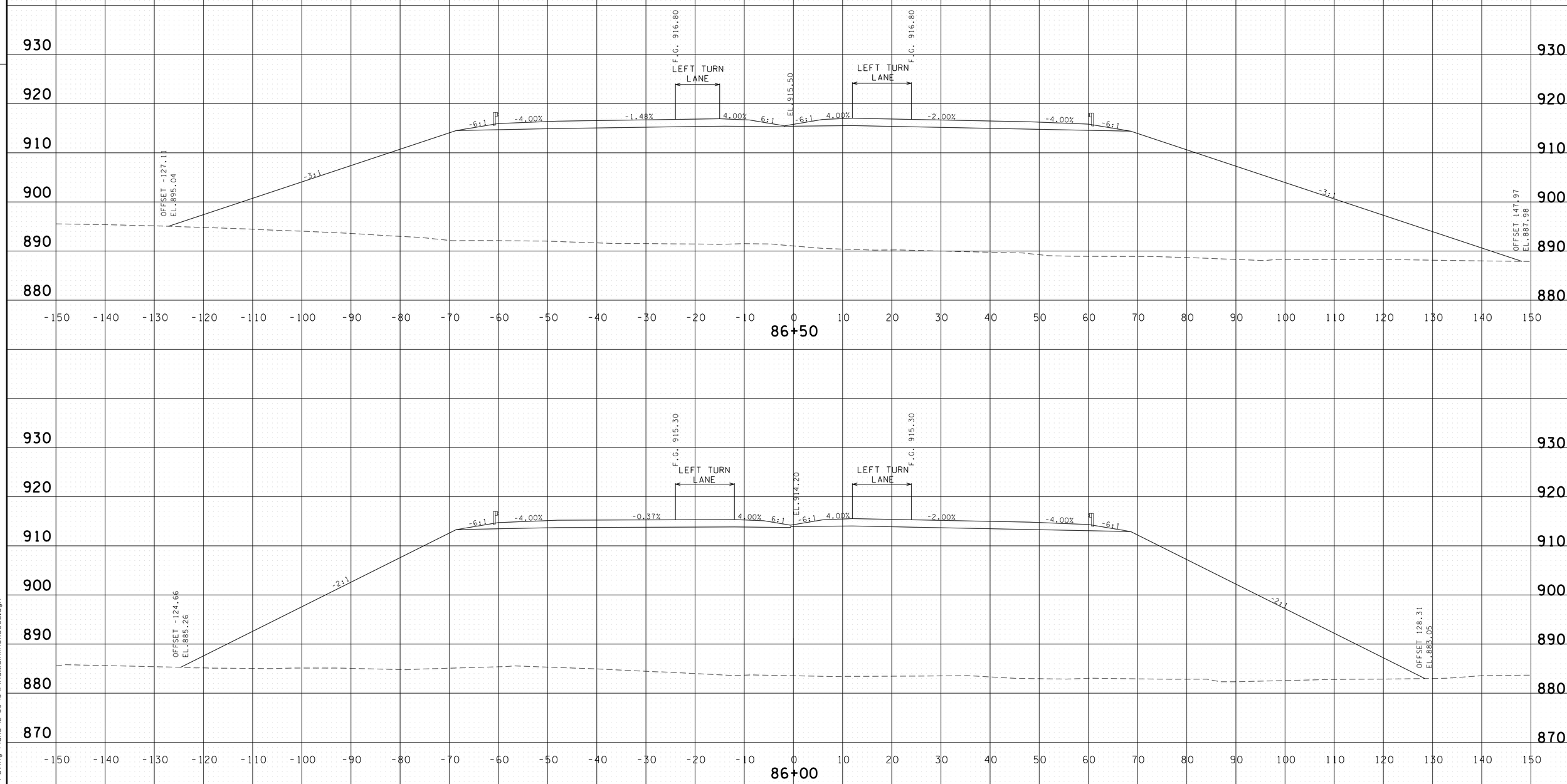
4/30/2014 11:34:18 AM
G:\HDIDIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	182

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

END S.E. TRANSITION
STA. 86+73.25



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

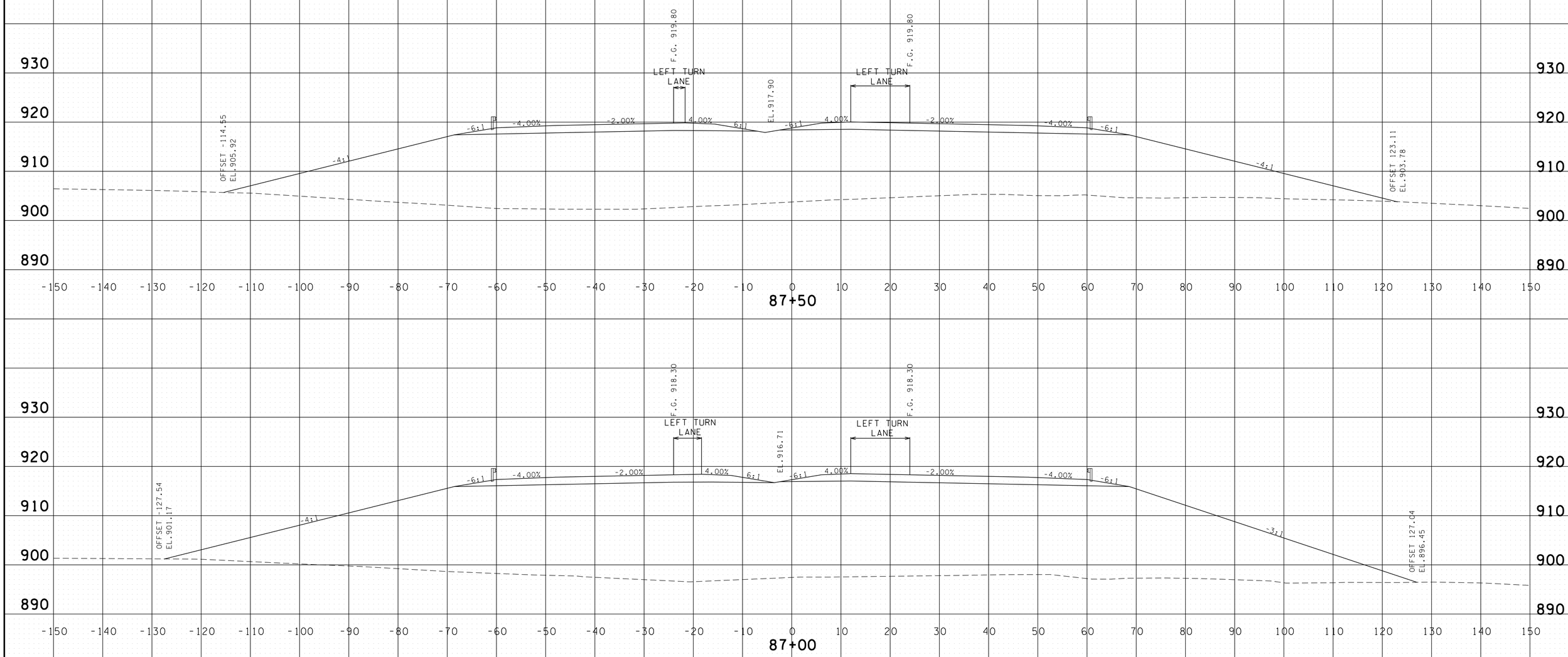
S.R. 15 MAINLINE
STA.86+00 TO STA.86+50

4/30/2014 11:34:19 AM
G:\HD\DIN\DL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	183

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.87+00 TO STA.87+50

4/30/2014 11:34:21 AM
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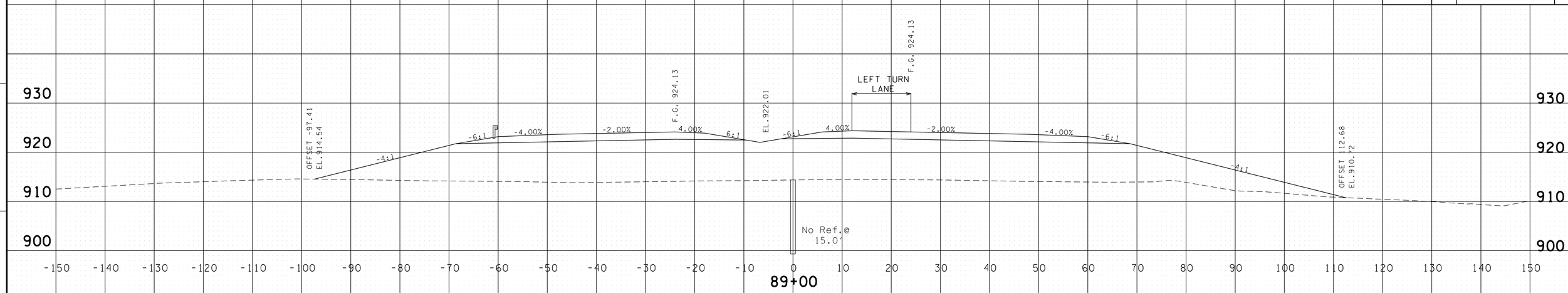
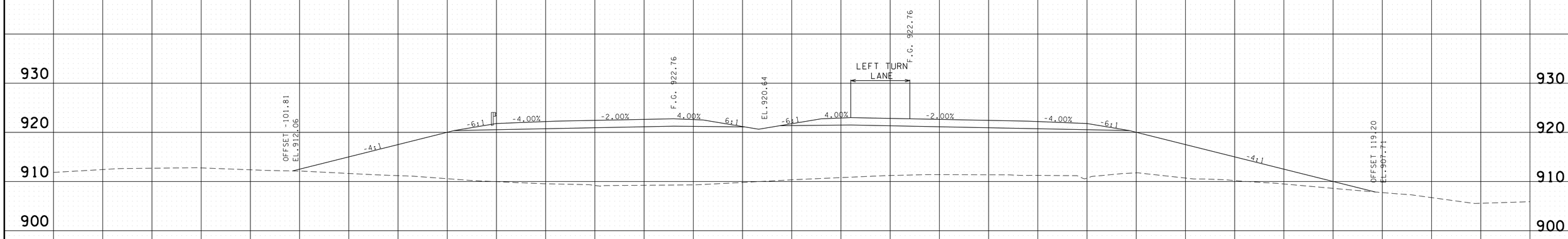
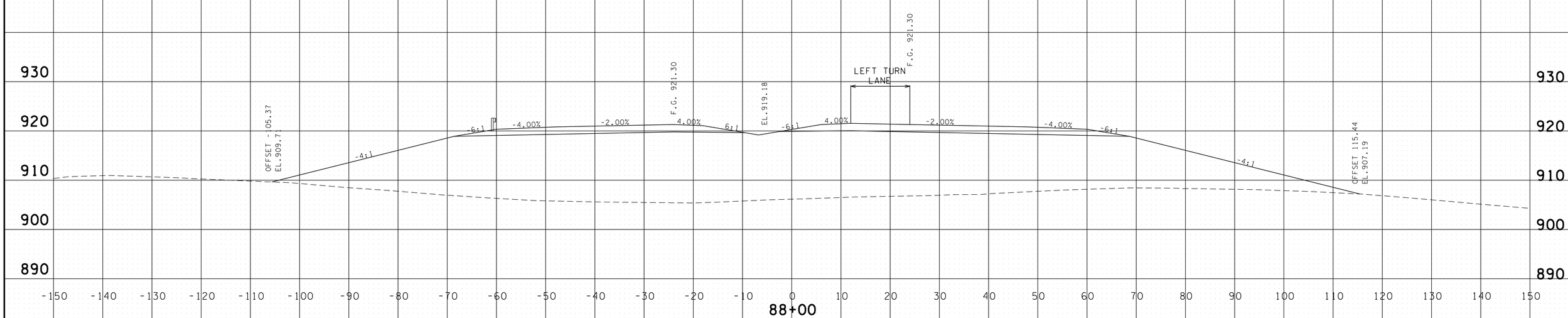
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	184

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

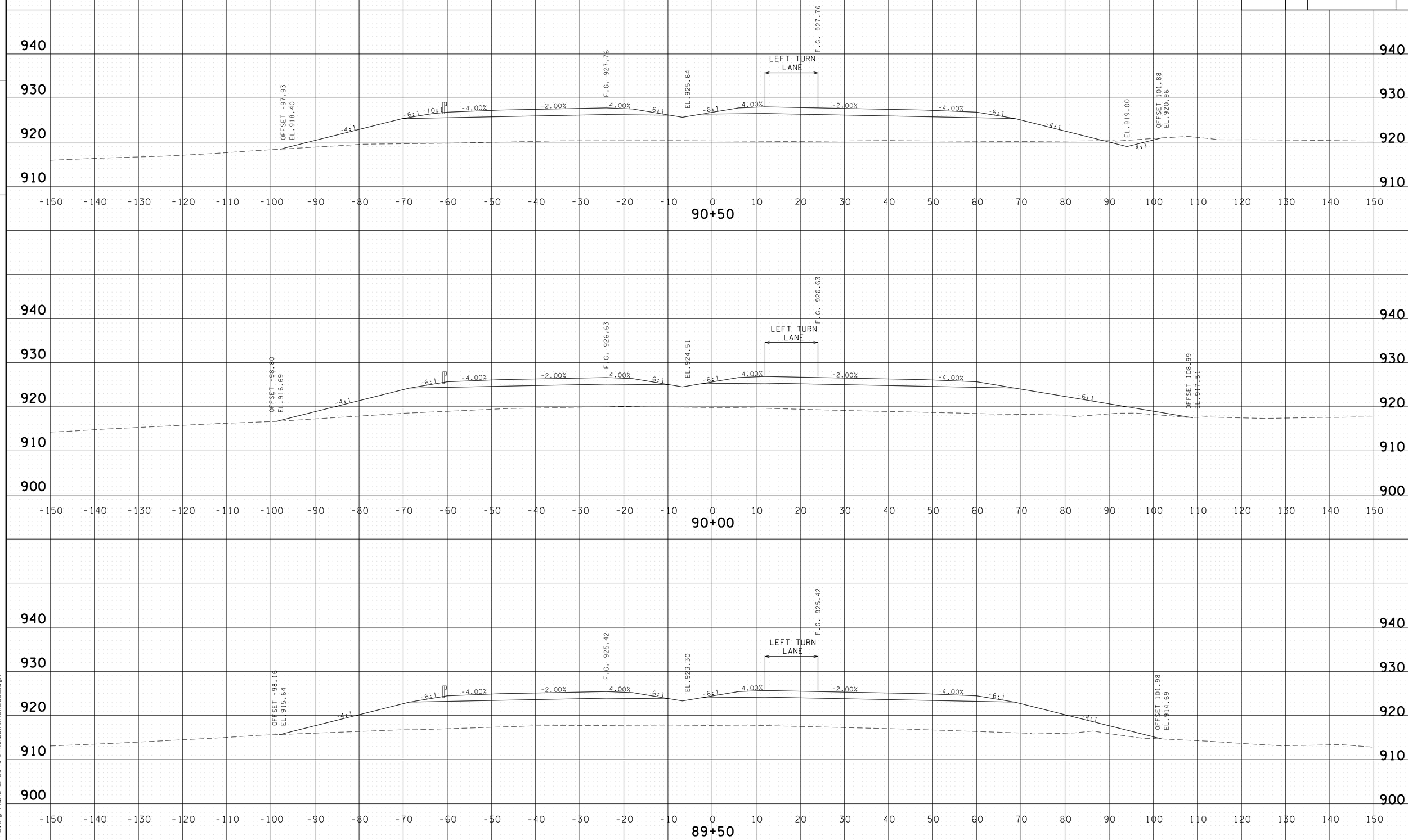
S.R. 15 MAINLINE
STA.88+00 TO STA.89+00

4/30/2014 11:34:23 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	185

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

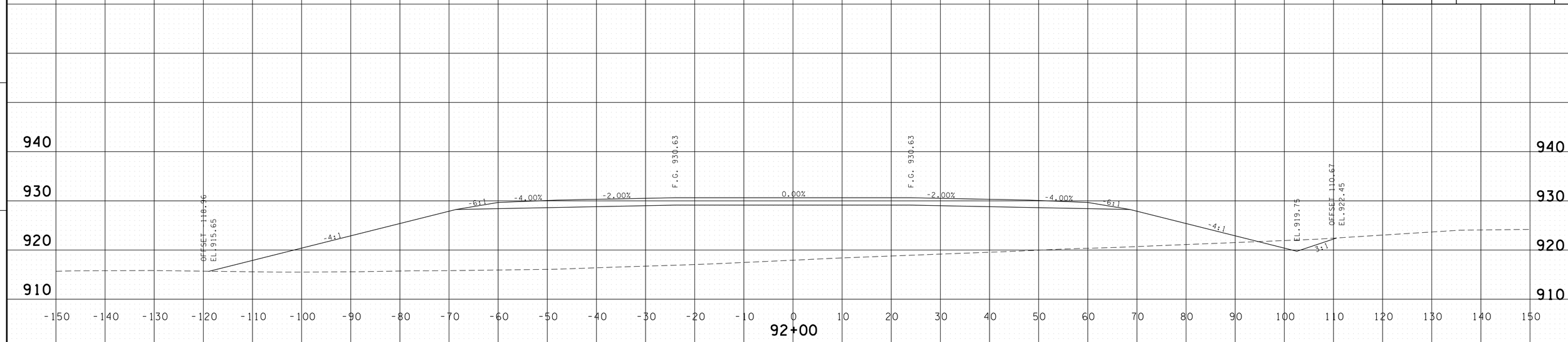
S.R. 15 MAINLINE
STA.89+50 TO STA.90+50

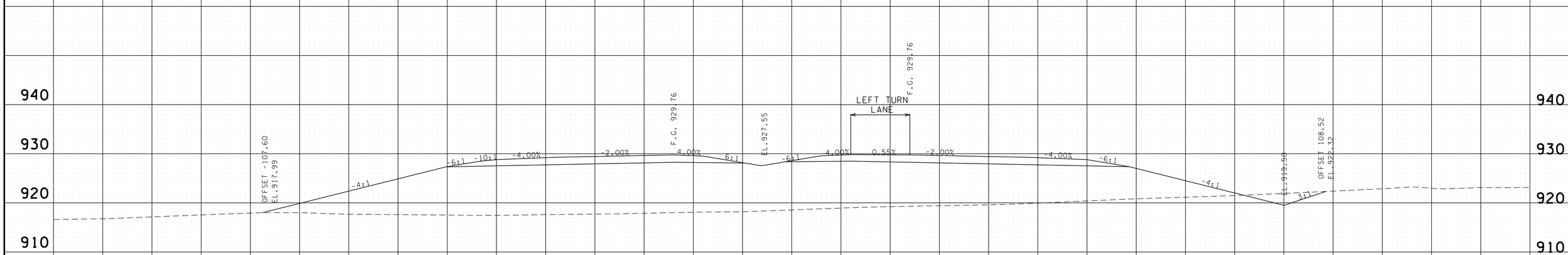
4/30/2014 11:34:24 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

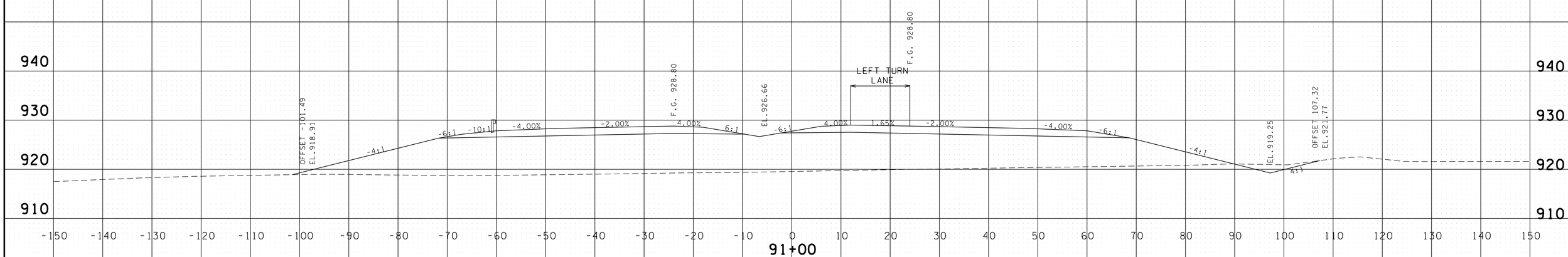
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	186

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.91+00 TO STA.92+00

4/30/2014 11:34:26 AM
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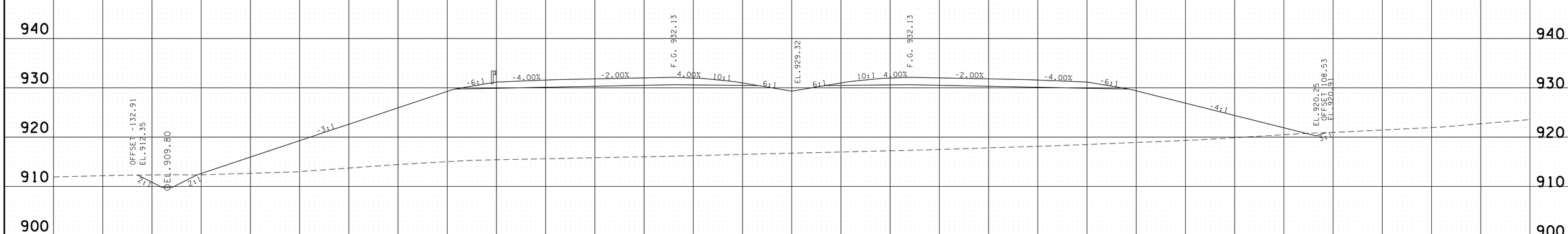
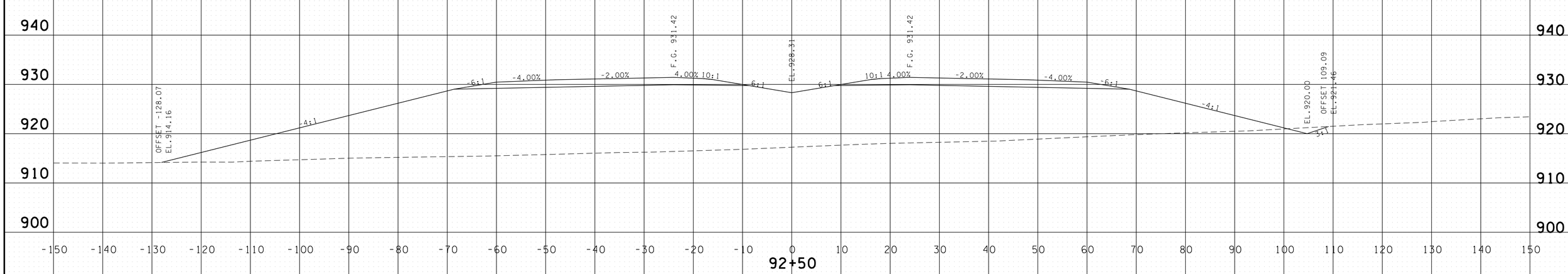
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	187

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

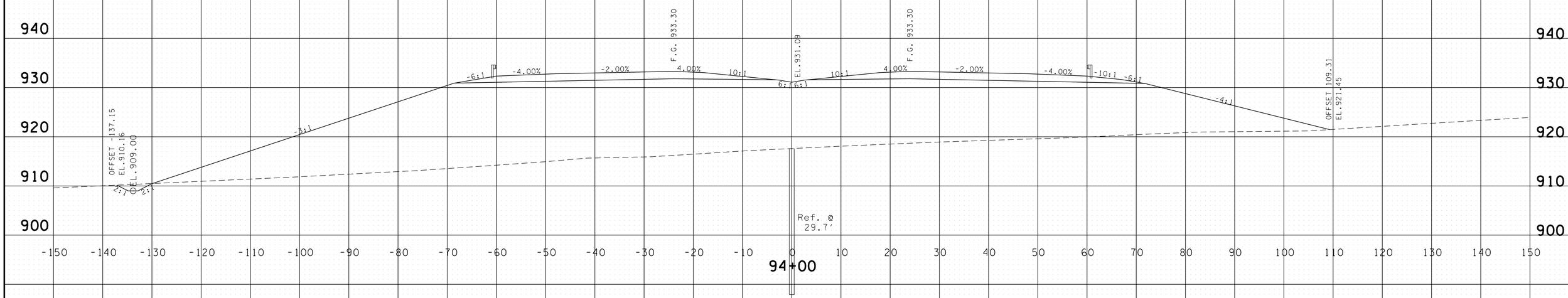
S.R. 15 MAINLINE
STA.92+50 TO STA.93+00

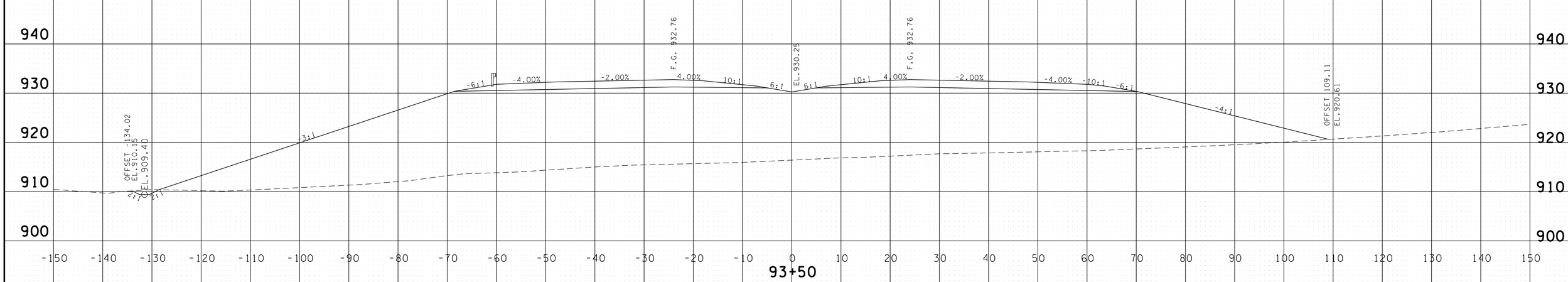
4/30/2014 11:34:28 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	188

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

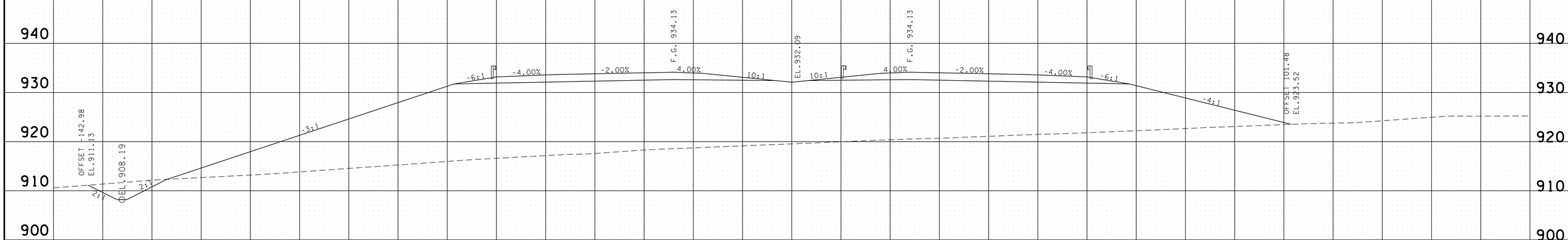
S.R. 15 MAINLINE
STA.93+50 TO STA.94+00

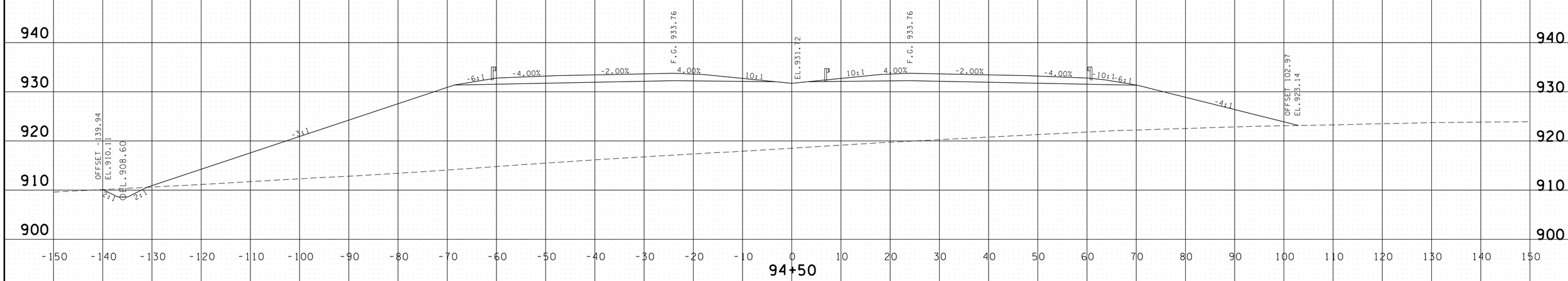
4/30/2014 11:34:30 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	189

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

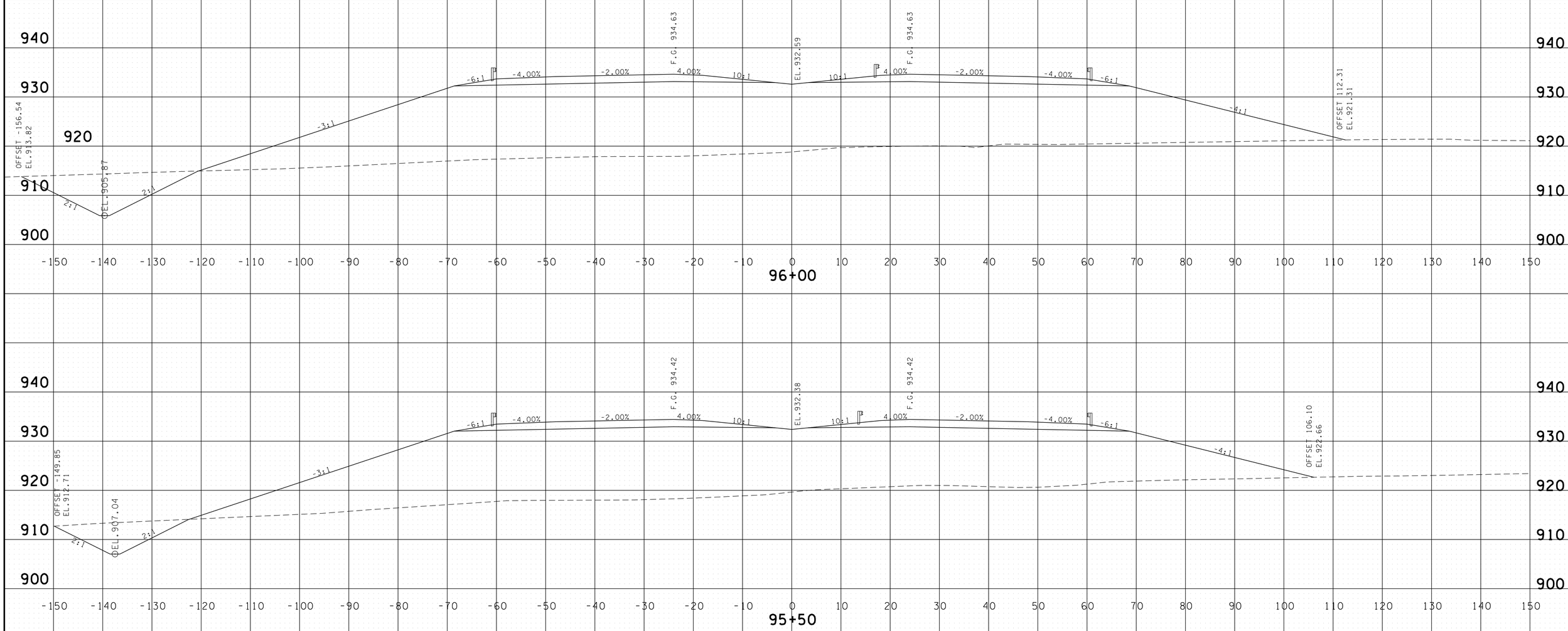
S.R. 15 MAINLINE
STA.94+50 TO STA.95+00

4/30/2014 11:34:31 AM
G:\HDI\DI11\DI1L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	190

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.95+50 TO STA.96+00

4/30/2014 11:34:33 AM
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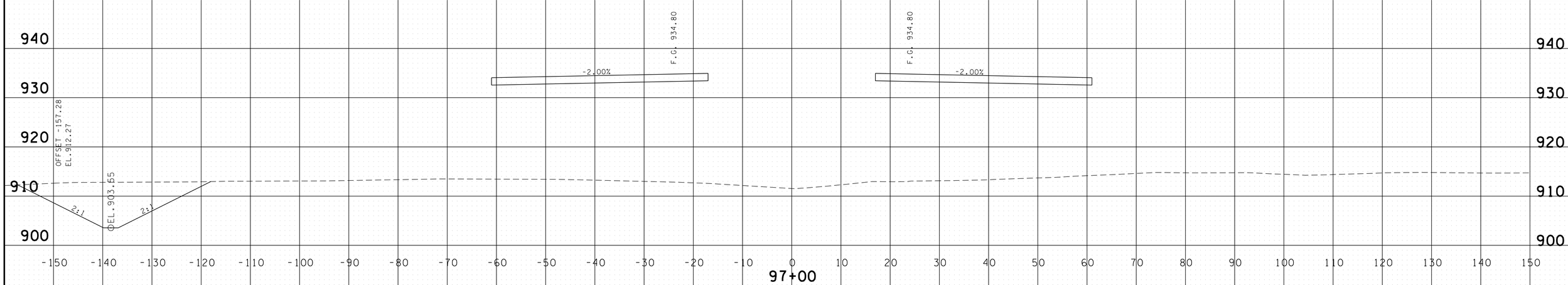
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	191

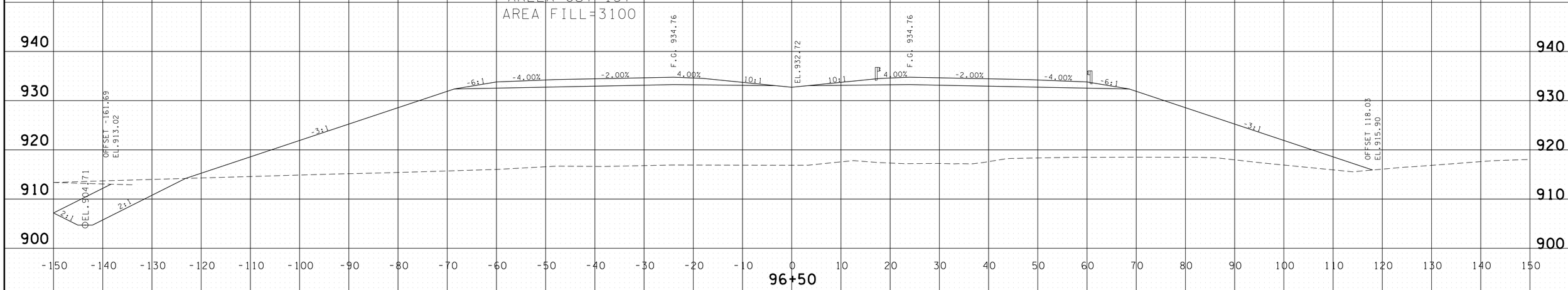
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



DBL. END AREA
STA 96+64.00
AREEA CUT=157
AREA FILL=3100

BEGIN BRIDGE
STA. 96+64.60



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.96+50 TO STA.97+00

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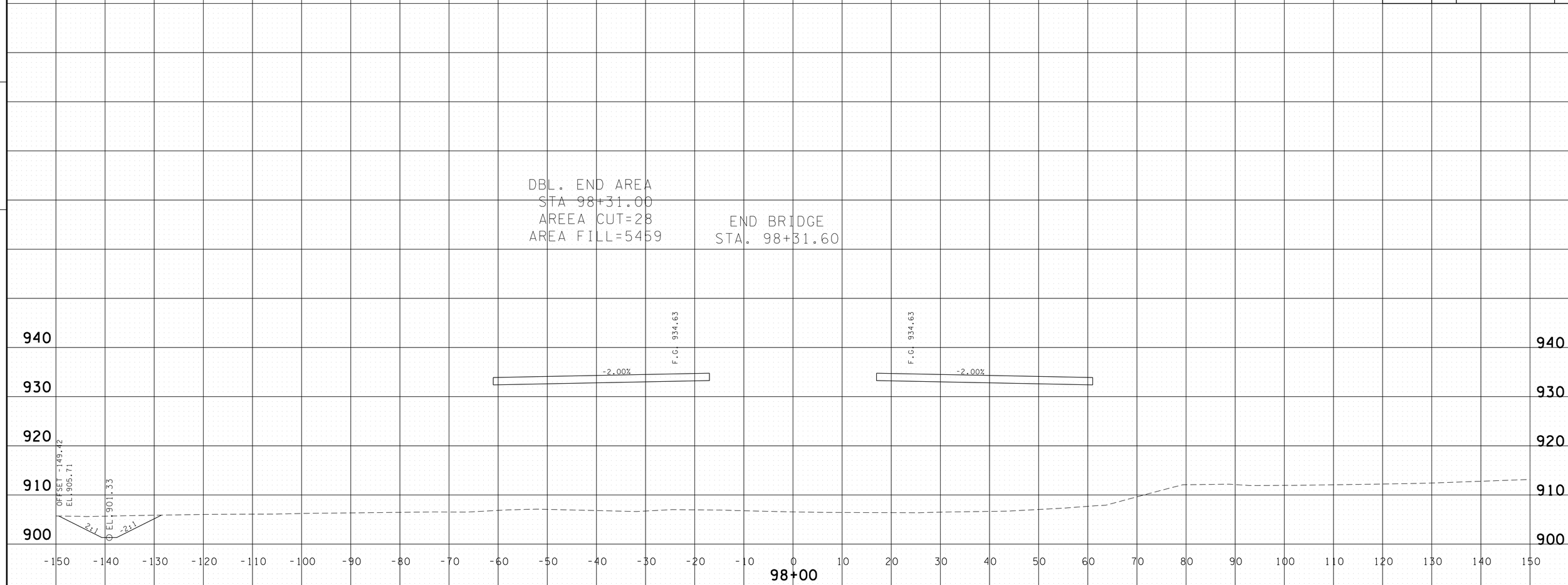
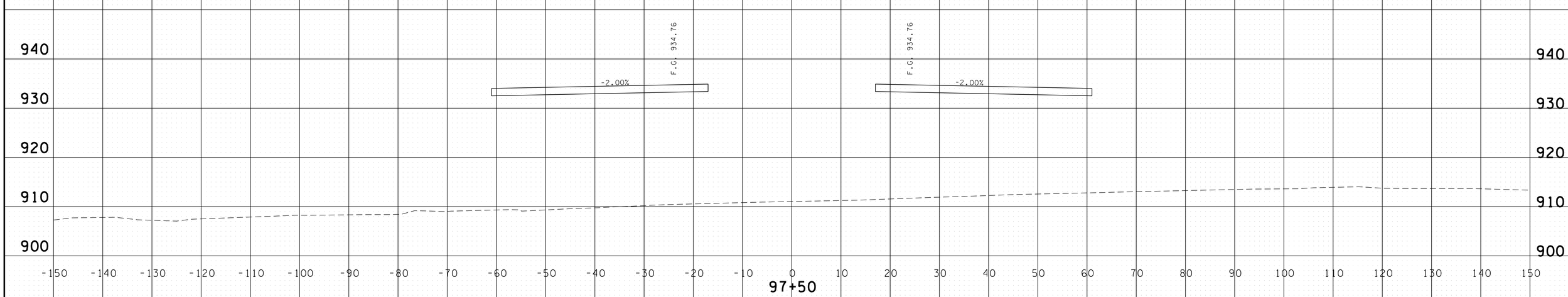
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	192

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

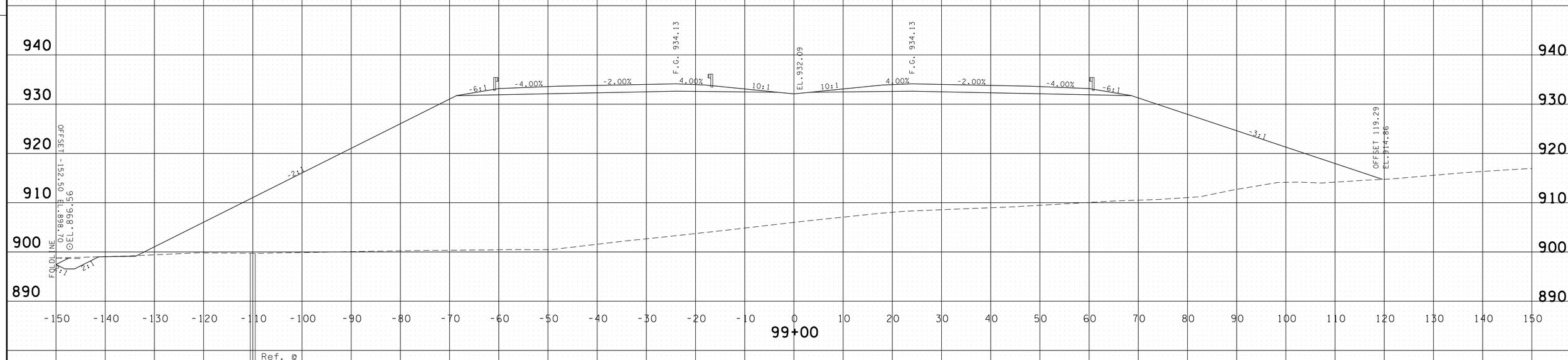
S.R. 15 MAINLINE
STA.97+50 TO STA.98+00

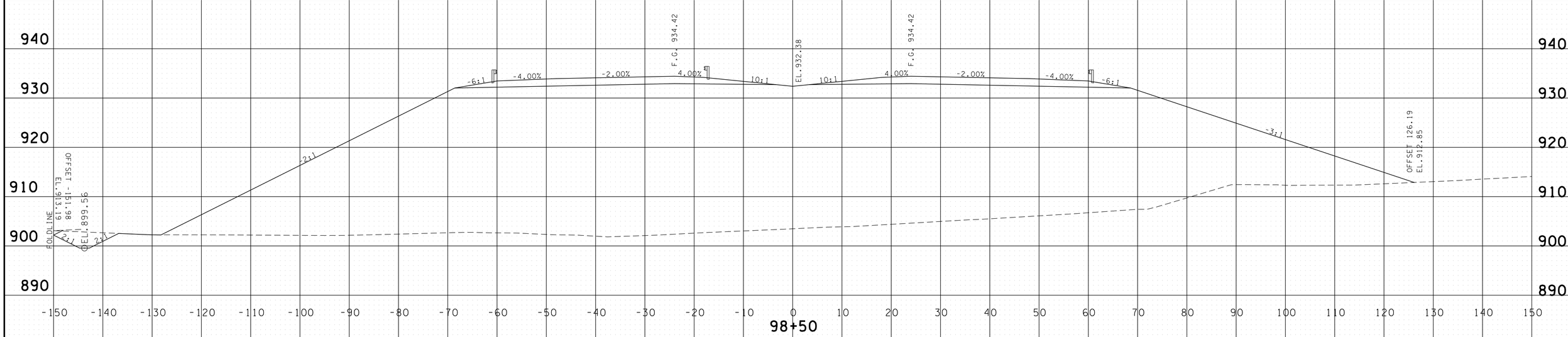
4/30/2014 11:34:36 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	193

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.98+50 TO STA.99+00

4/30/2014 11:34:38 AM
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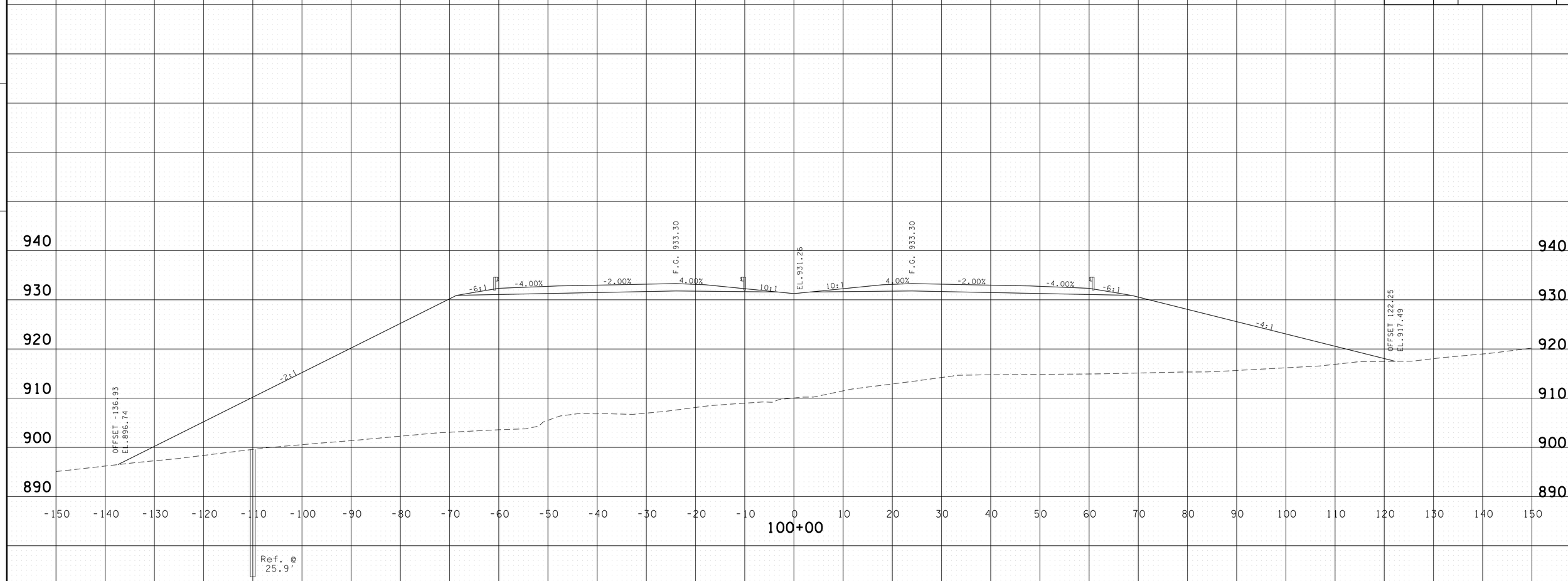
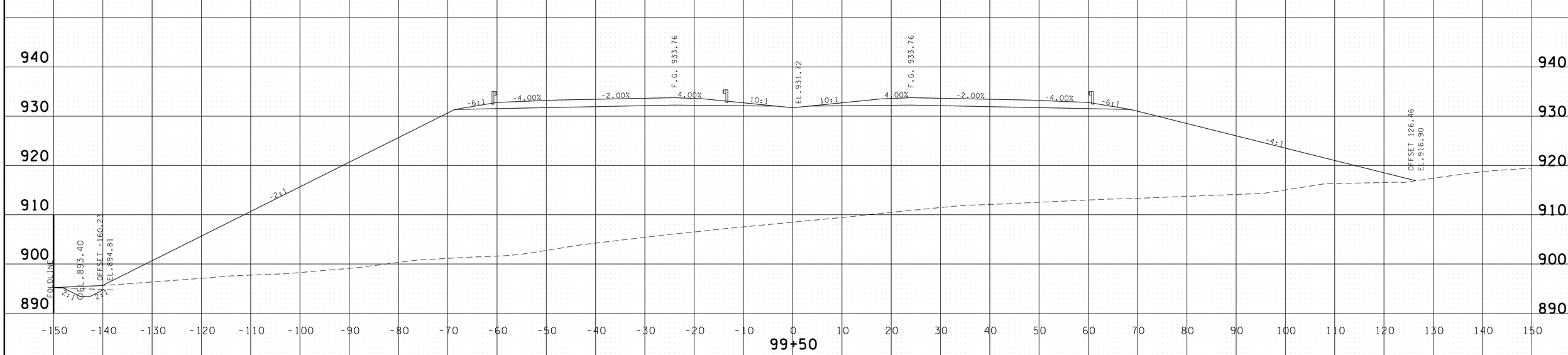
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	194

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.99+50 TO STA.100+00

4/30/2014 11:34:40 AM
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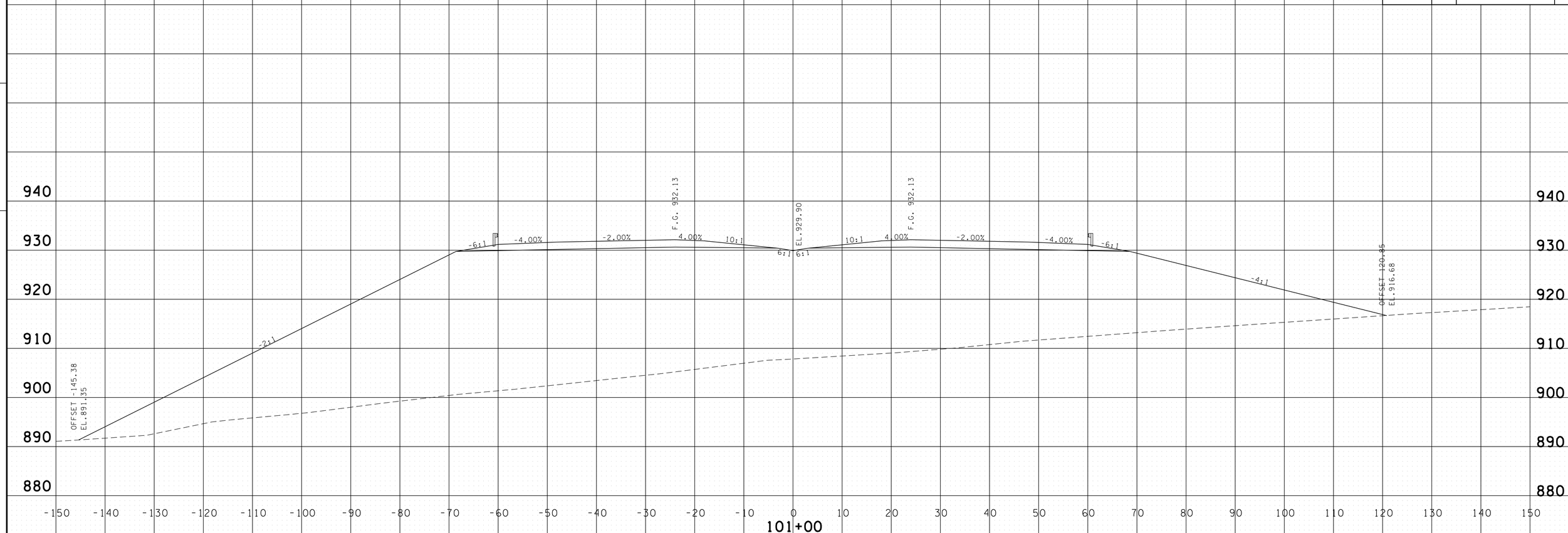
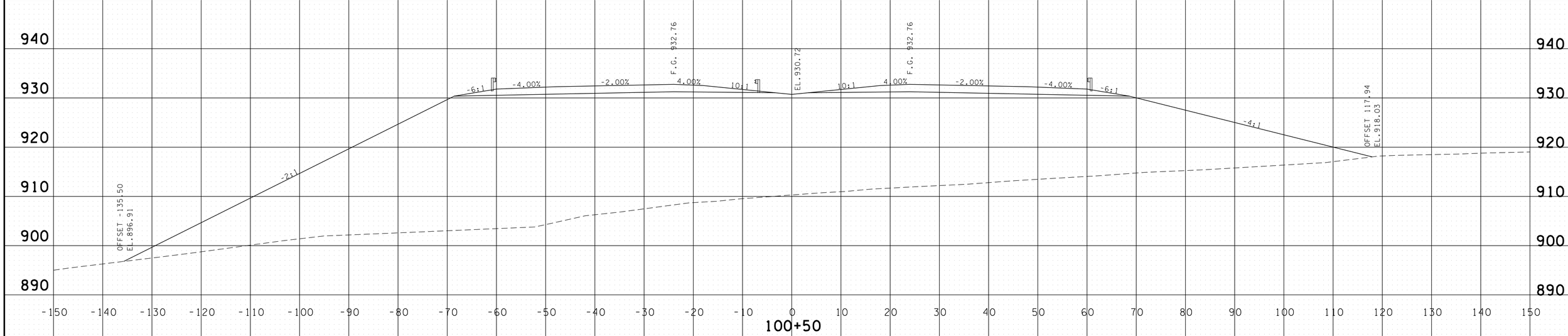
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	195

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.100+50 TO STA.101+00

4/30/2014 11:34:41 AM
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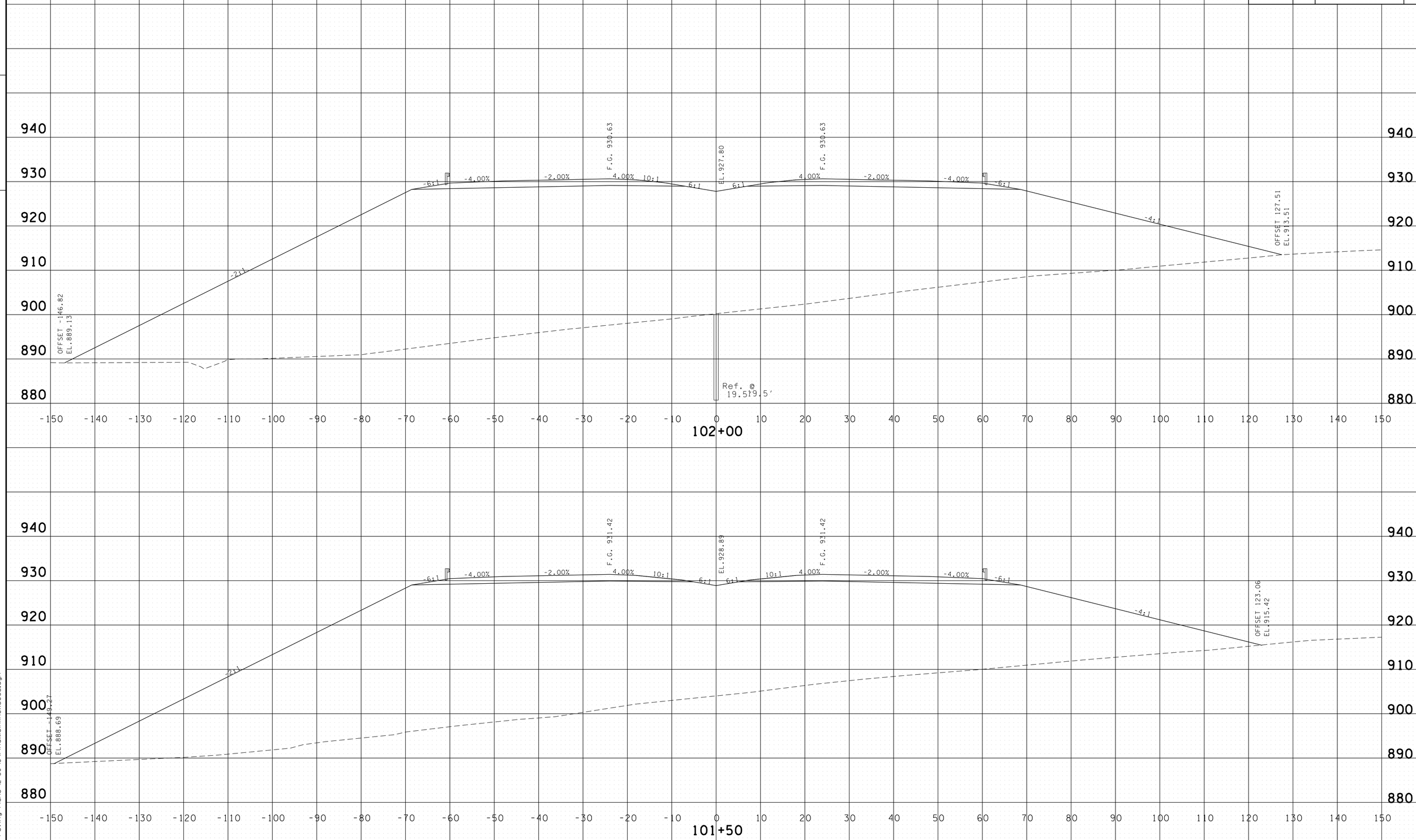
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	196

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.101+50 TO STA.102+00

4/30/2014 11:34:43 AM
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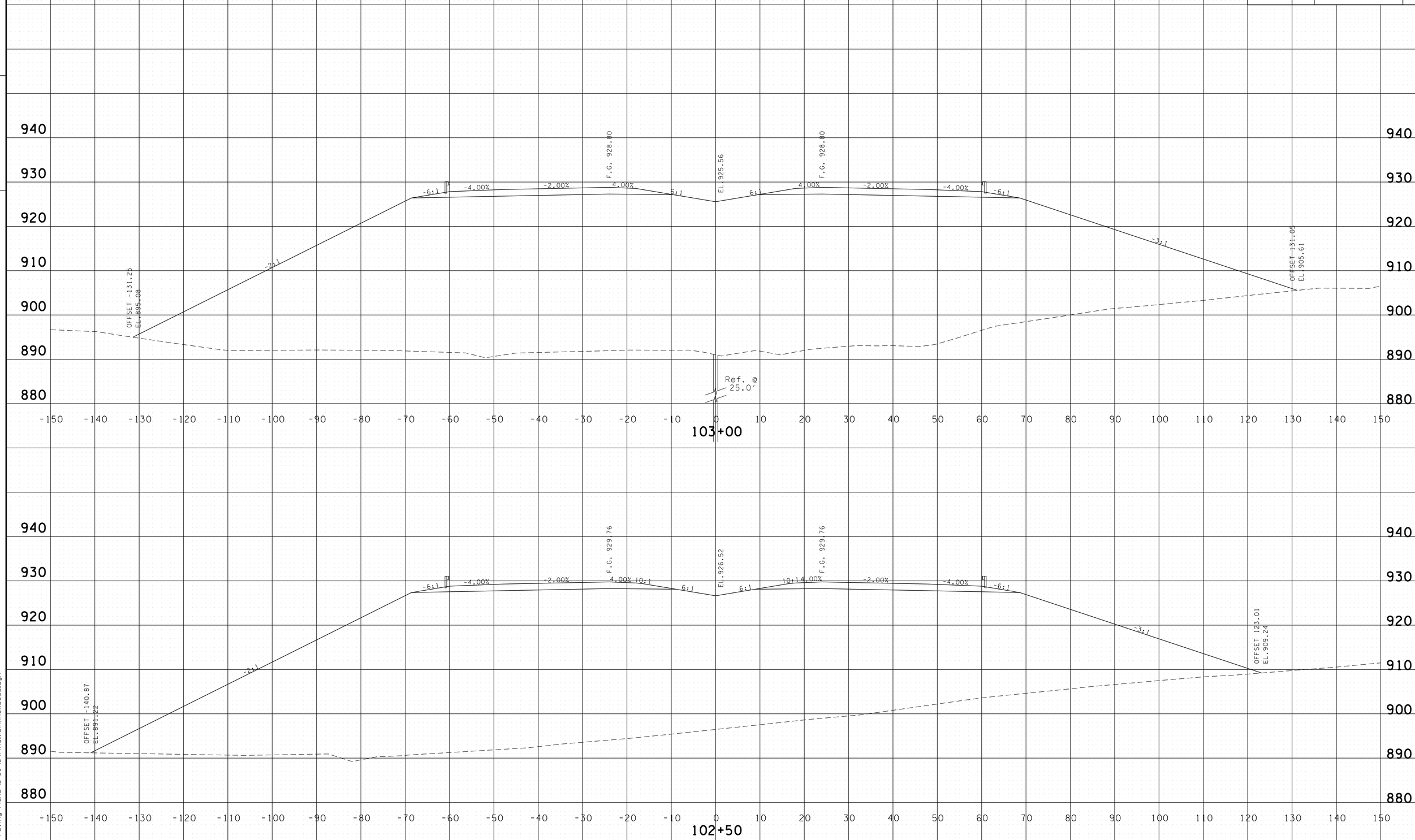
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	197

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

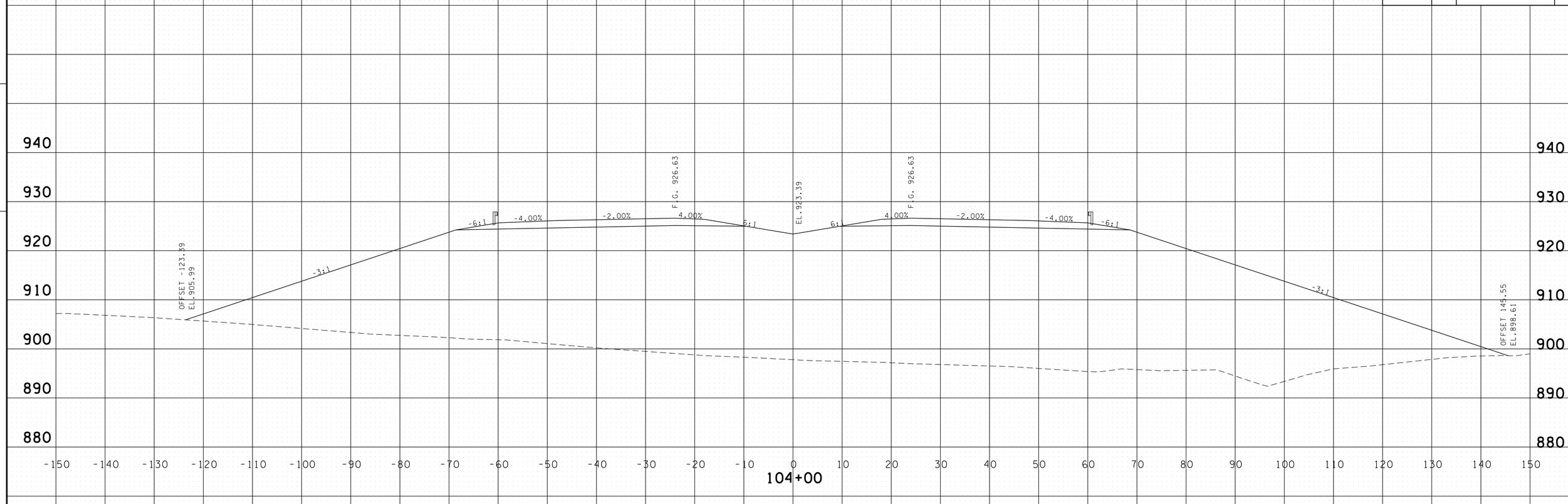
S.R. 15 MAINLINE
STA.102+50 TO STA.103+00

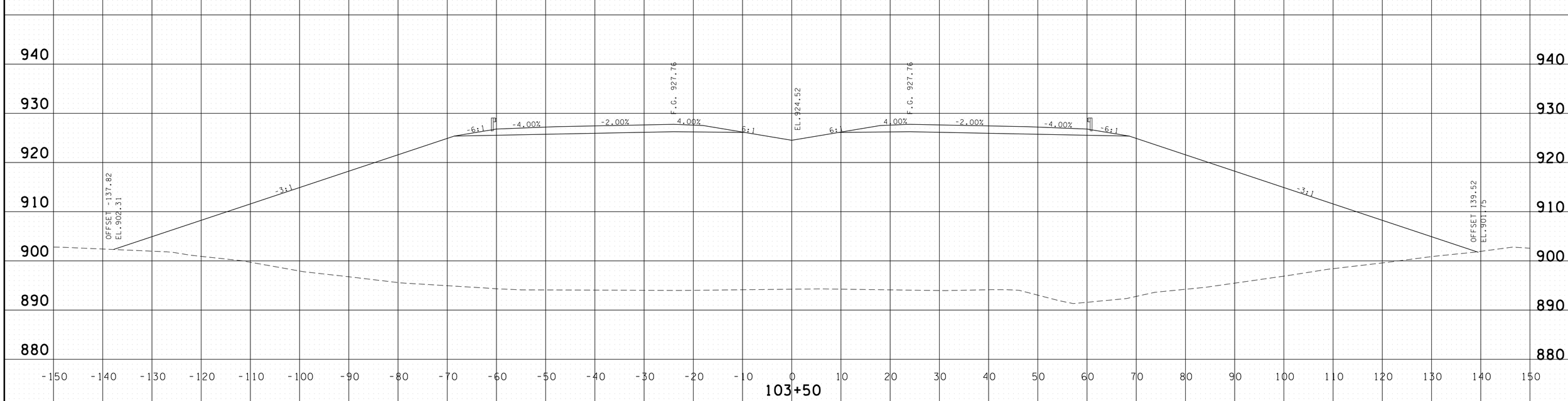
4/30/2014 11:34:45 AM
G:\HDOIN\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	198

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.103+50 TO STA.104+00

4/30/2014 11:34:46 AM
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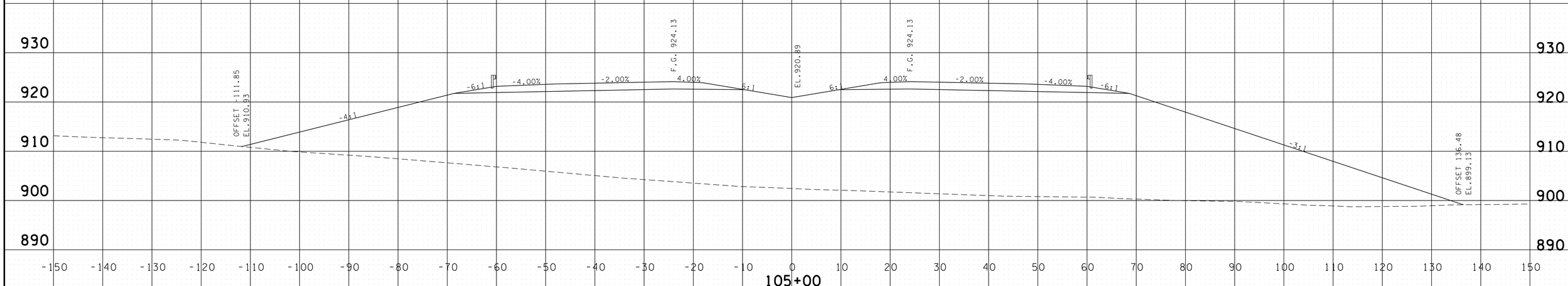
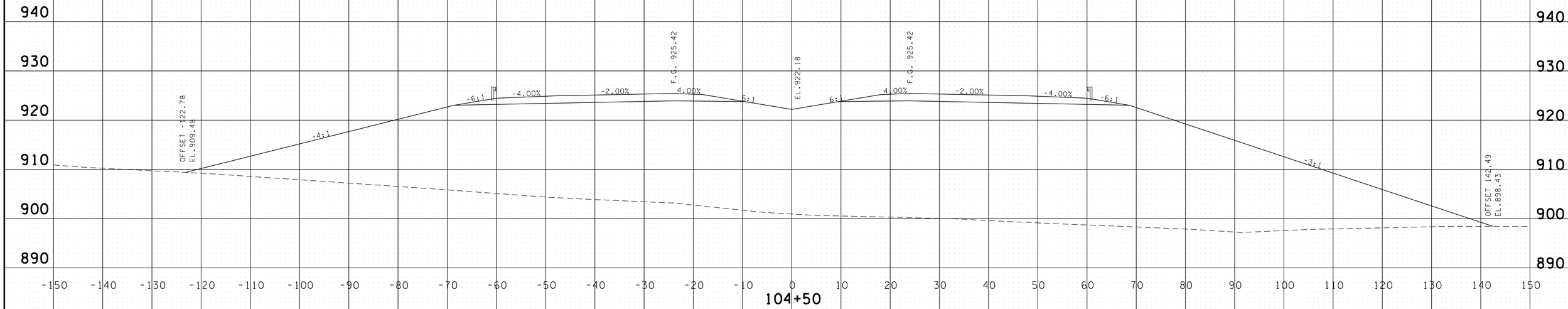
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	199

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.104+50 TO STA.105+00

4/30/2014 11:34:48 AM
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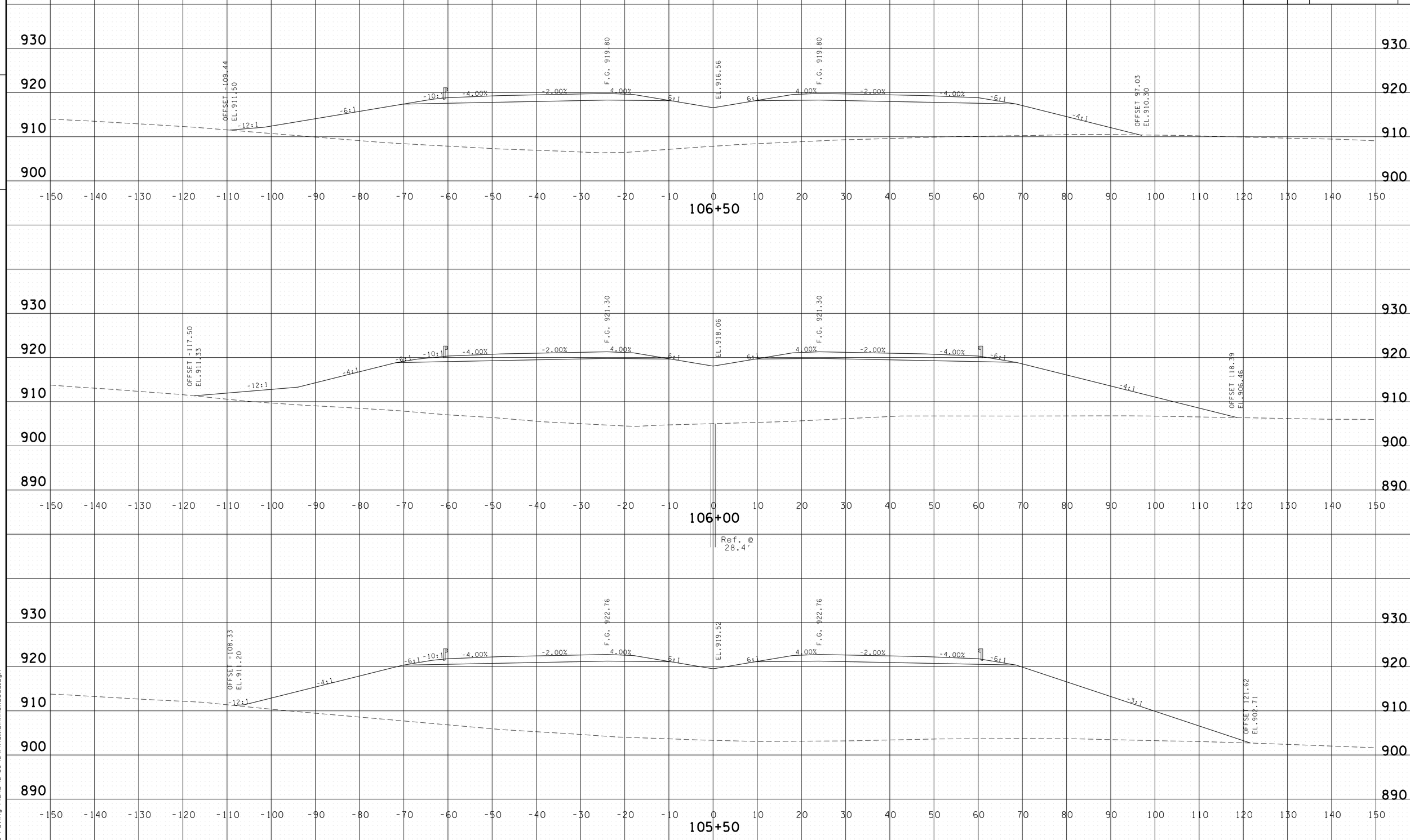
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	200

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

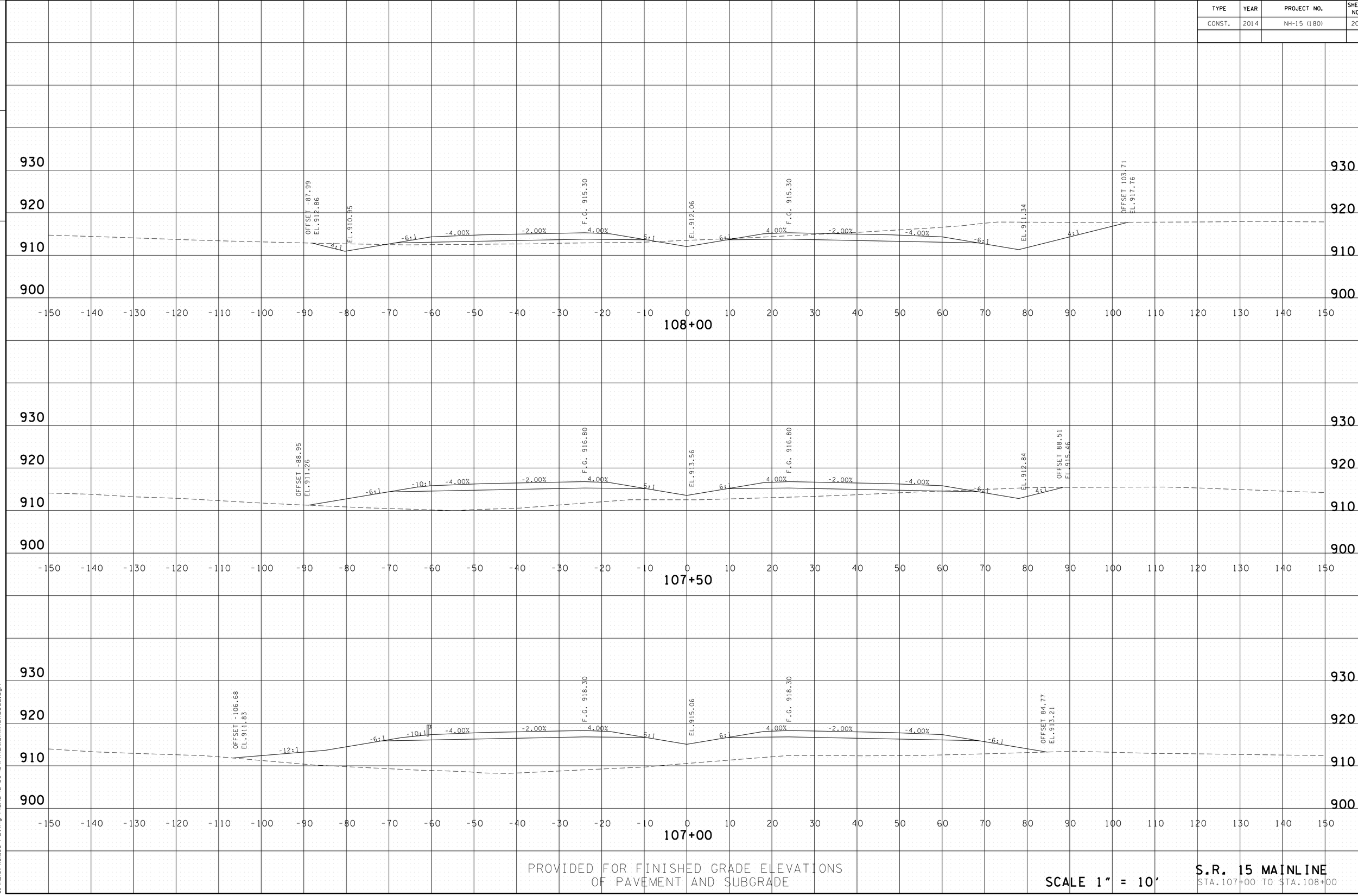
S.R. 15 MAINLINE
STA.105+50 TO STA.106+50

4/30/2014 11:34:50 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	201

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.107+00 TO STA.108+00

4/30/2014 11:34:51 AM
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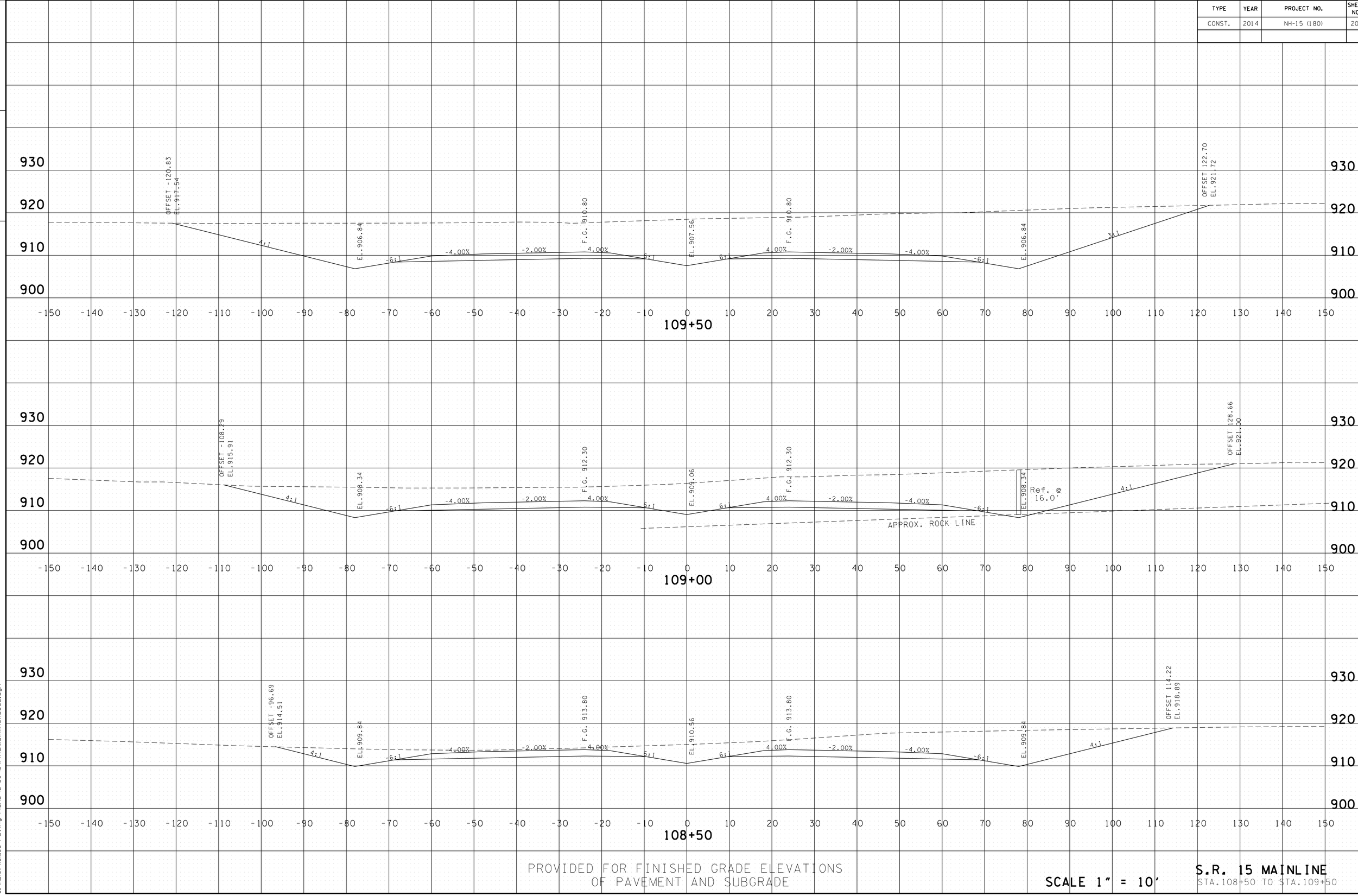
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	202

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

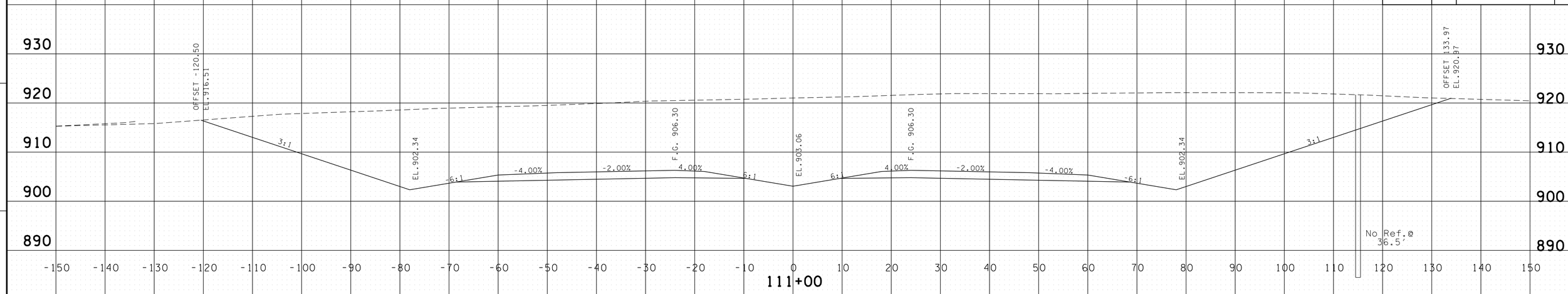
S.R. 15 MAINLINE
STA.108+50 TO STA.109+50

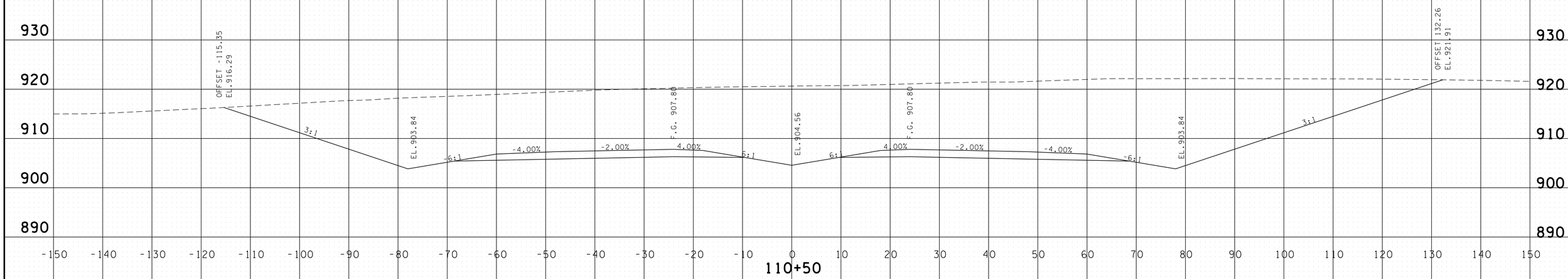
4/30/2014 11:34:53 AM
G:\HDOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

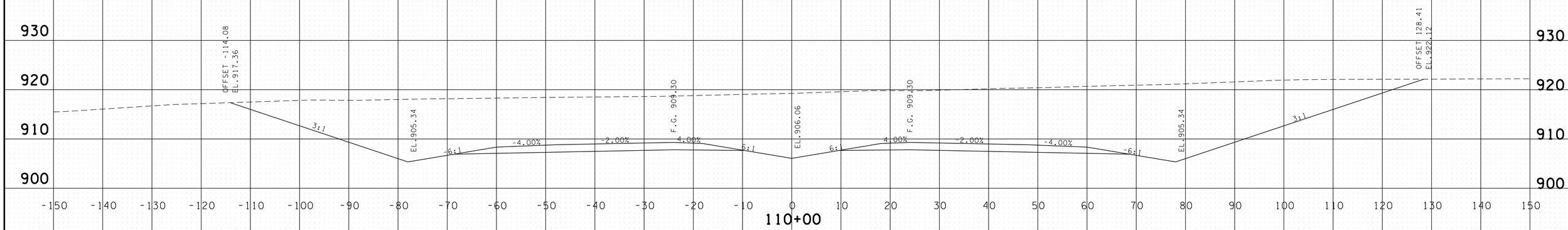
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	203

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

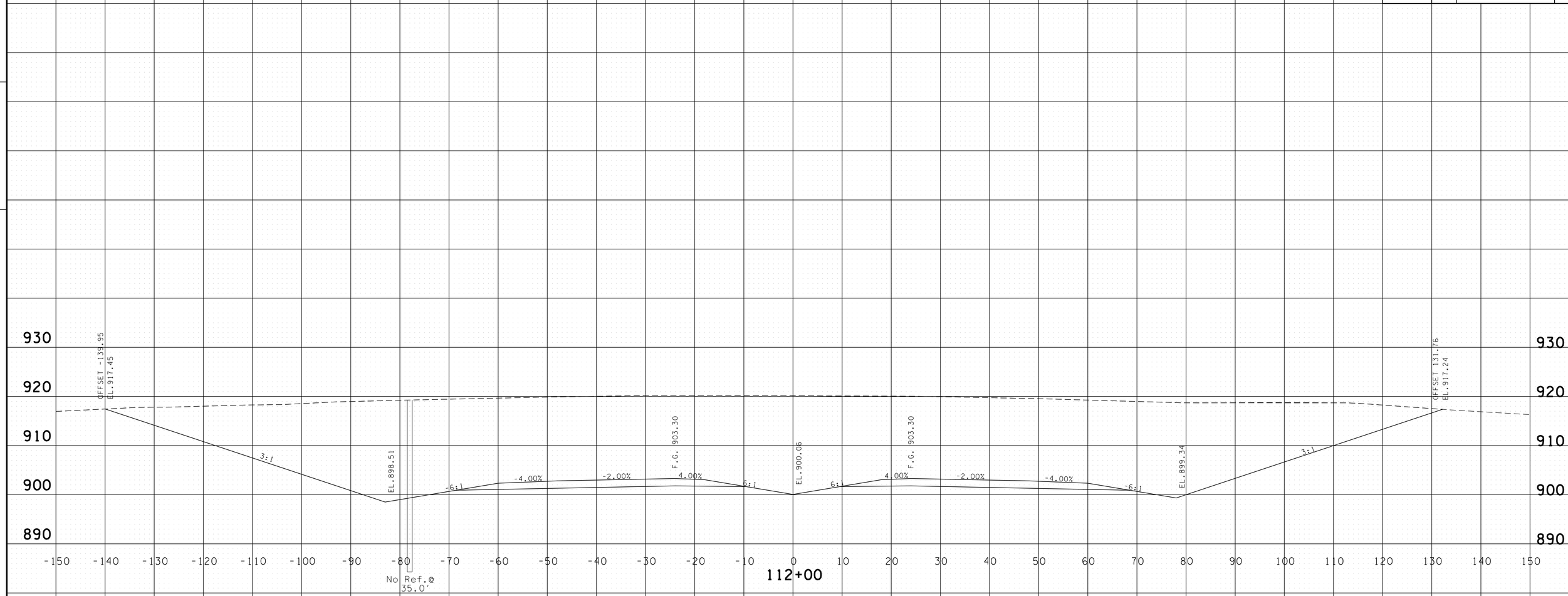
S.R. 15 MAINLINE
STA.110+00 TO STA.111+00

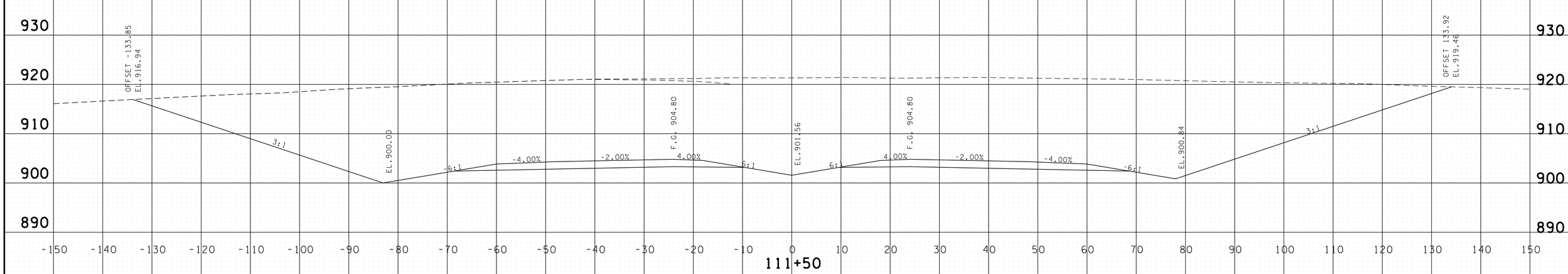
4/30/2014 11:34:55 AM
G:\HDIQIL\IOIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	204

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

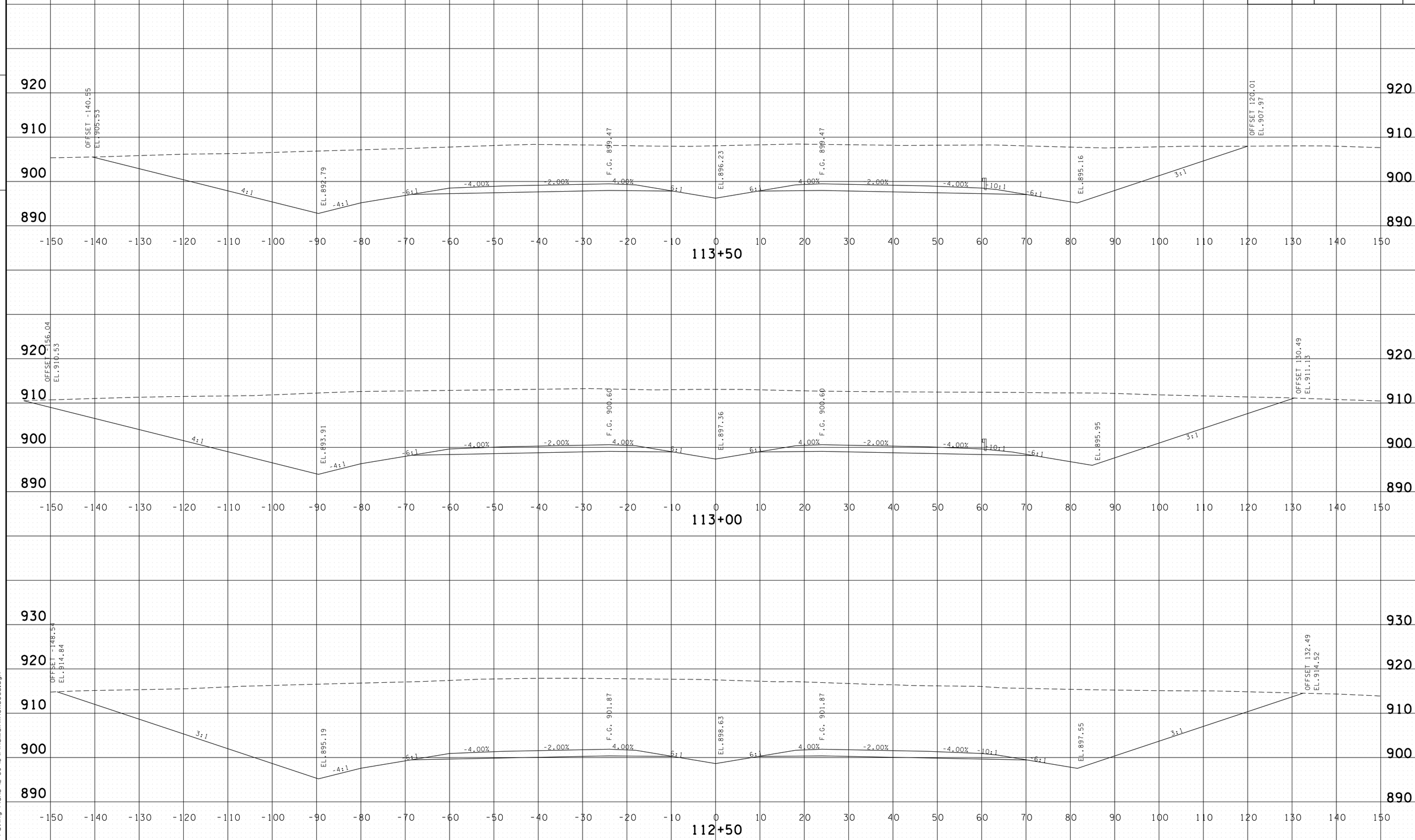
S.R. 15 MAINLINE
STA.111+50 TO STA.112+00

4/30/2014 11:34:57 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	205

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.112+50 TO STA.113+50

4/30/2014 11:34:58 AM
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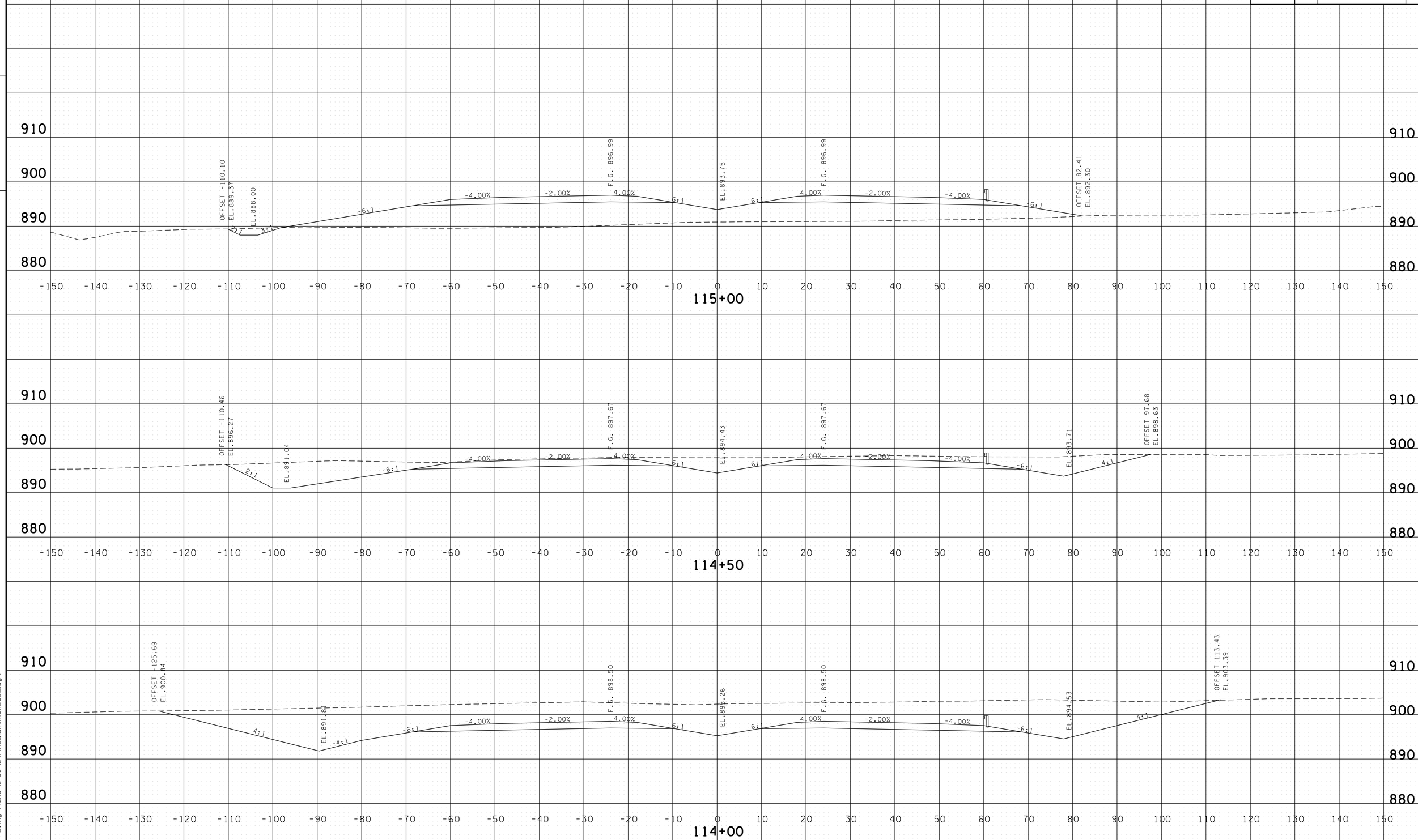
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	206

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.114+00 TO STA.115+00

4/30/2014 11:35:00 AM
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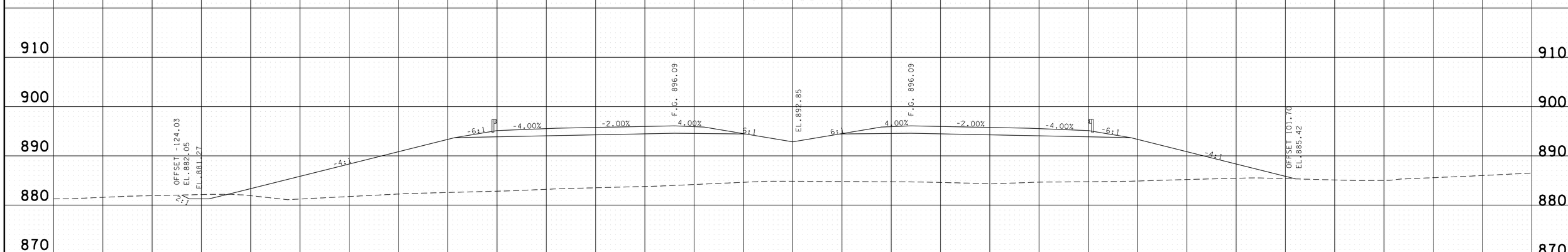
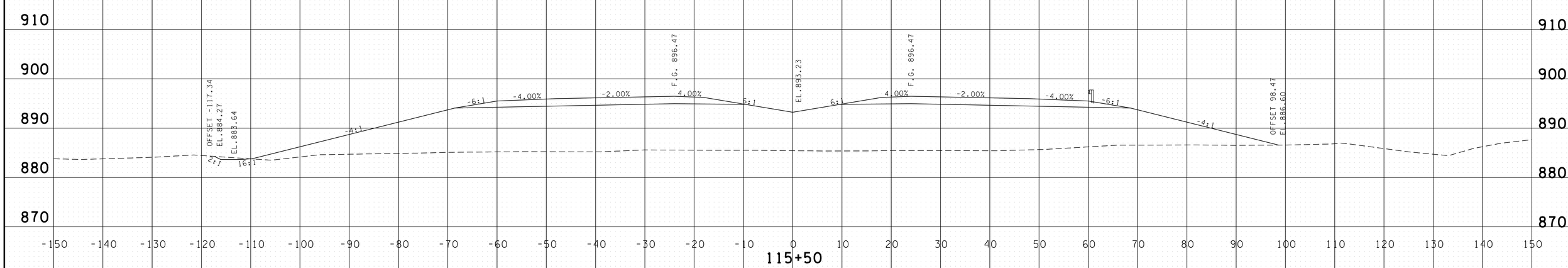
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	207

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

BEGIN S.E. TRANSITION
STA. 116+18.09





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.115+50 TO STA.116+00

4/30/2014 11:35:02 AM
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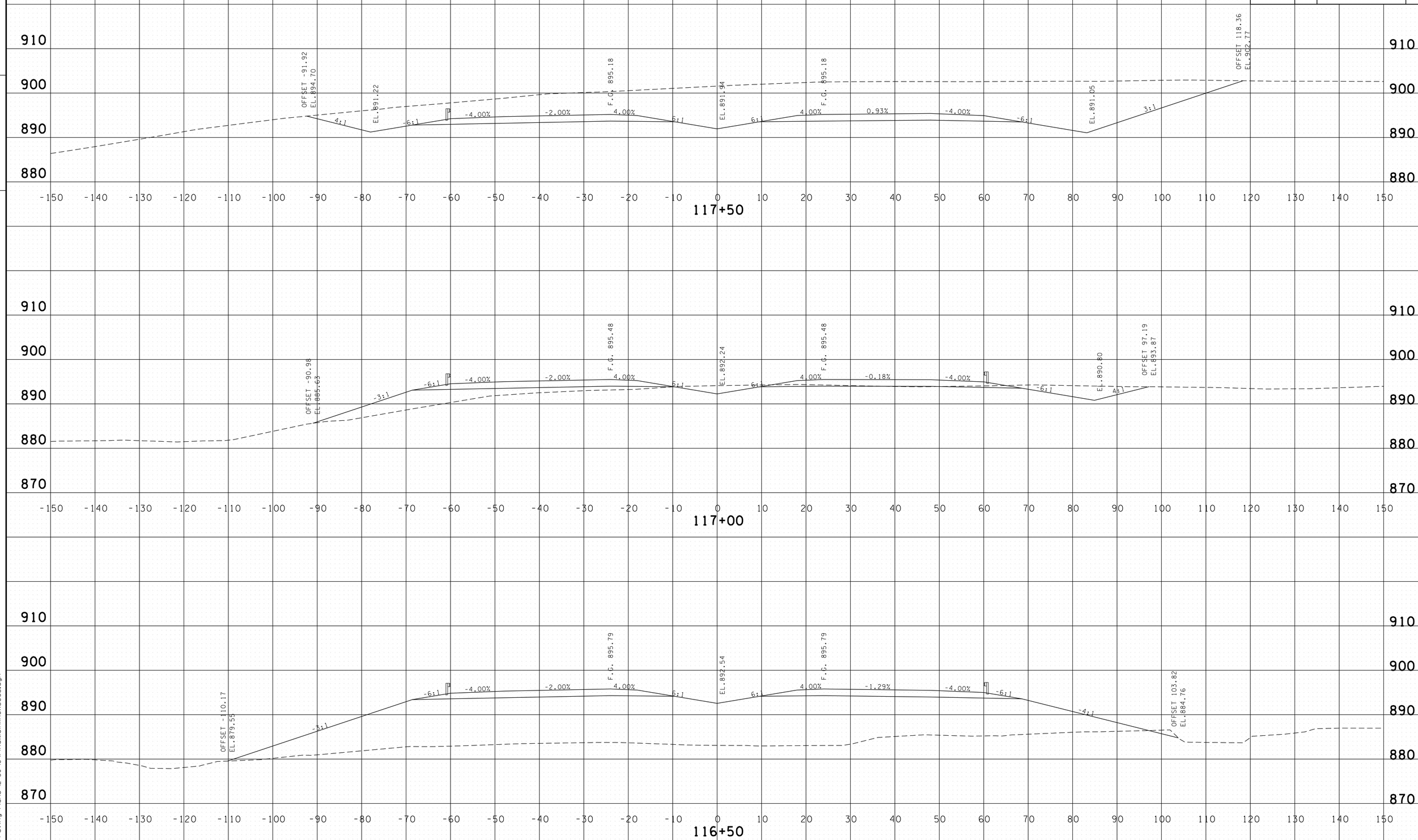
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	208

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.116+50 TO STA.117+50

4/30/2014 11:35:03 AM
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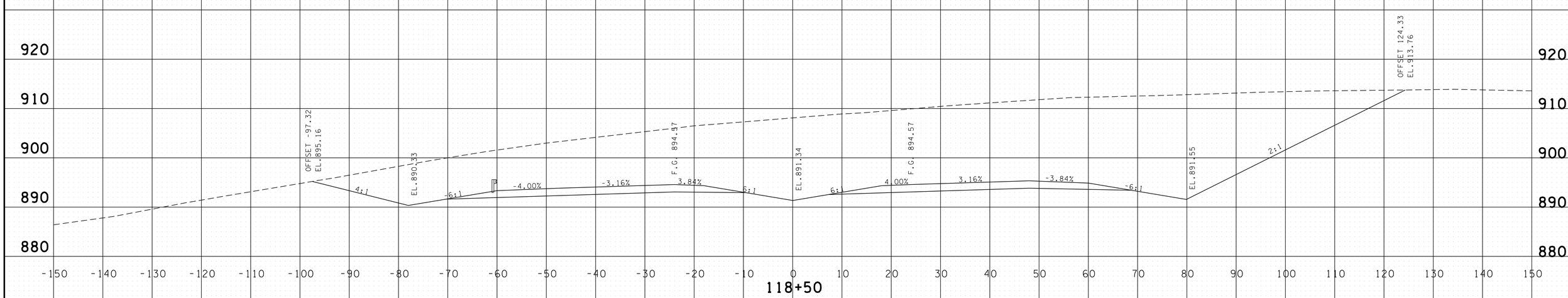
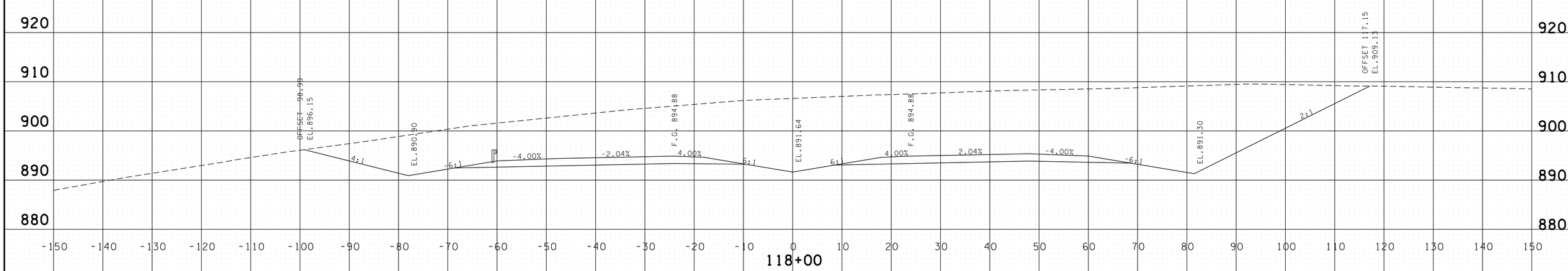
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	209

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.118+00 TO STA.118+50

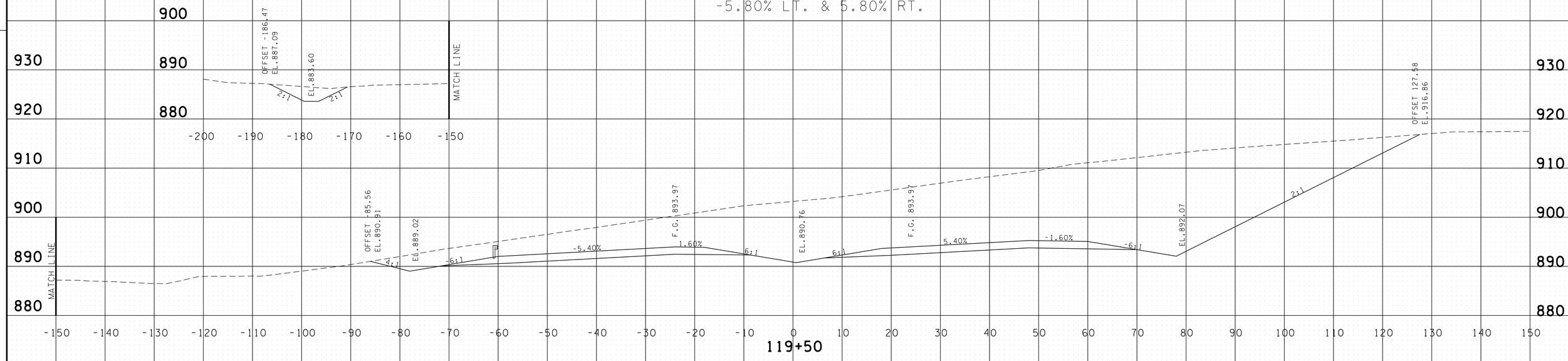
4/30/2014 11:35:05 AM
G:\HDI01\101L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

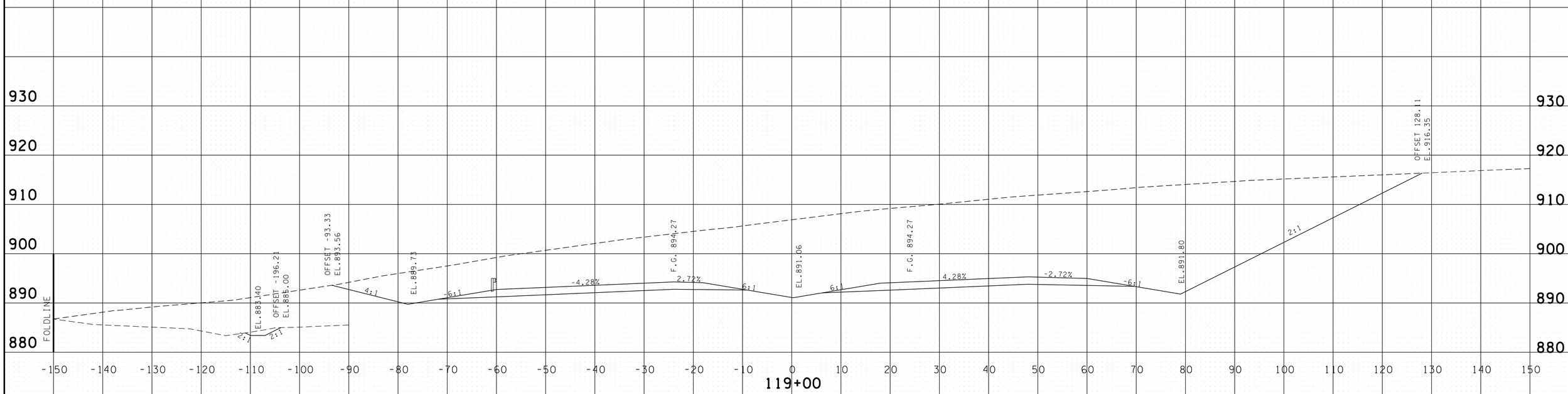
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	210

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL S.E. STA. 119+68.09
-5.80% LT. & 5.80% RT.





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.119+00 TO STA.119+50

4/30/2014 11:35:07 AM
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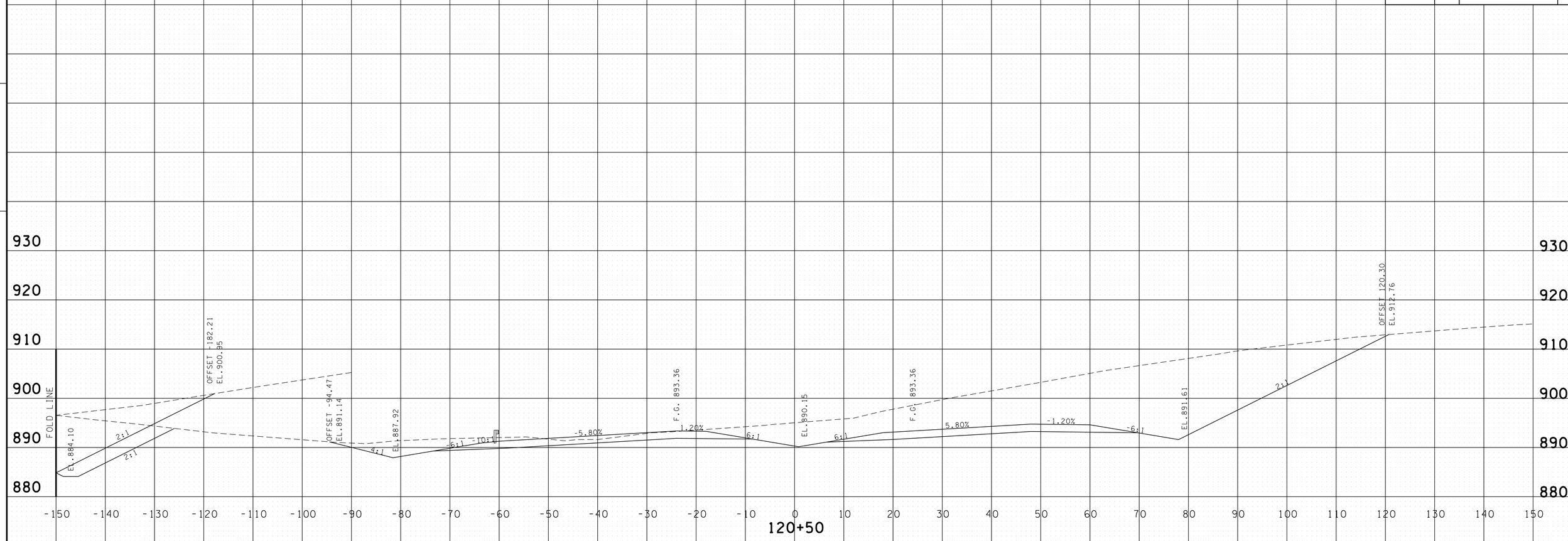
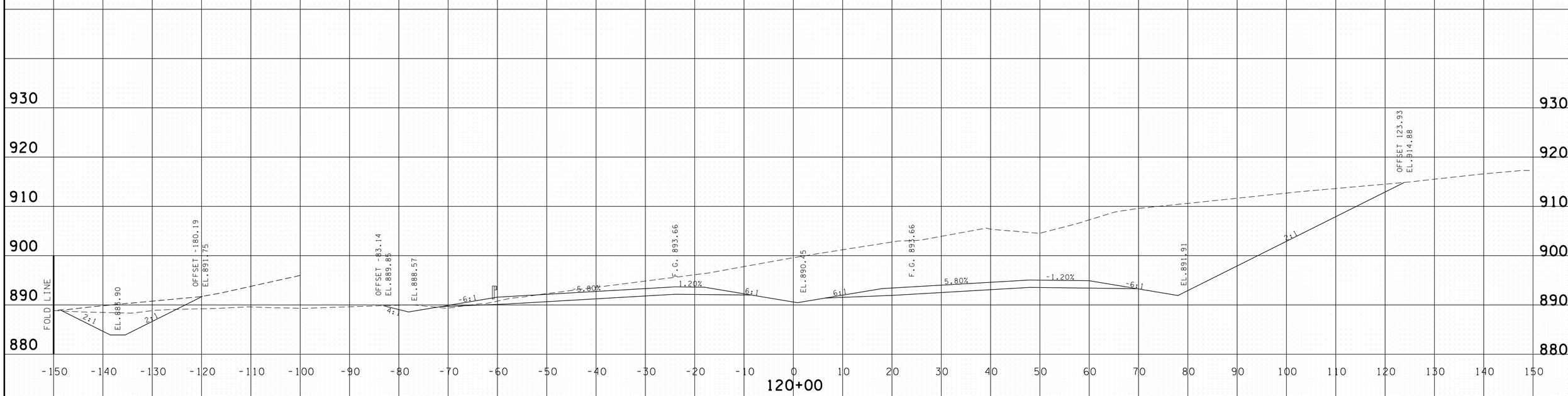
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	211

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

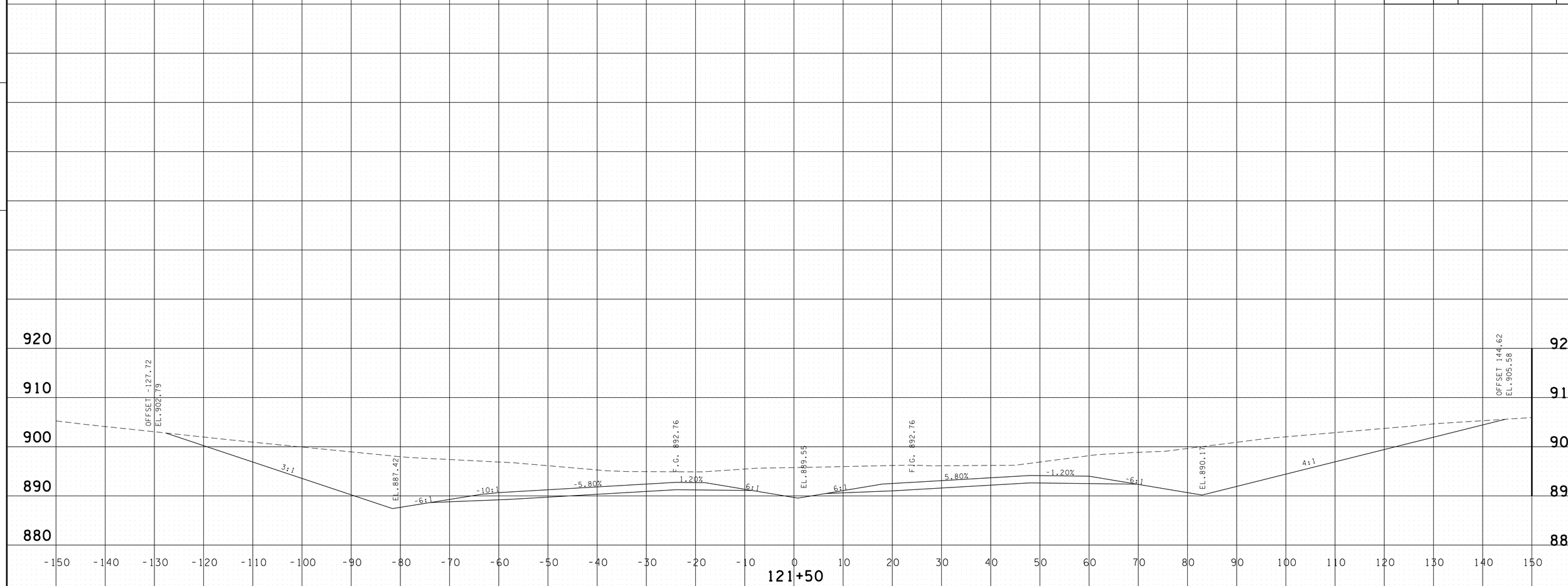
S.R. 15 MAINLINE
STA.120+00 TO STA.120+50

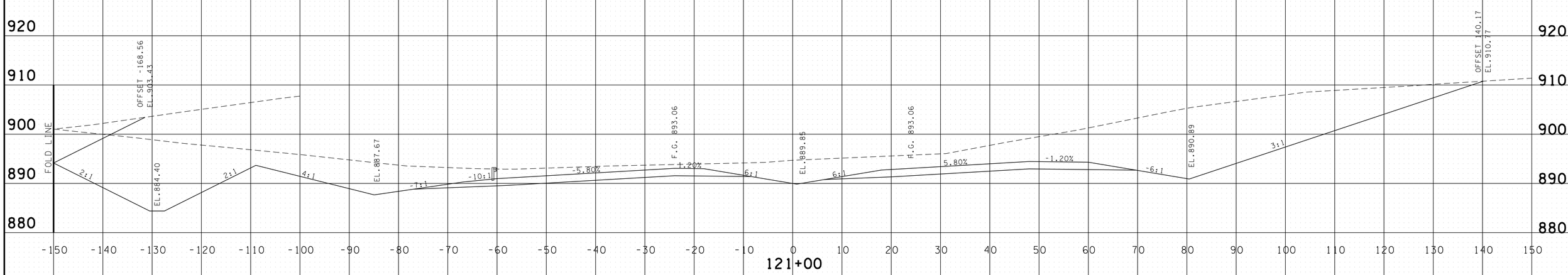
4/30/2014 11:35:08 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	212

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

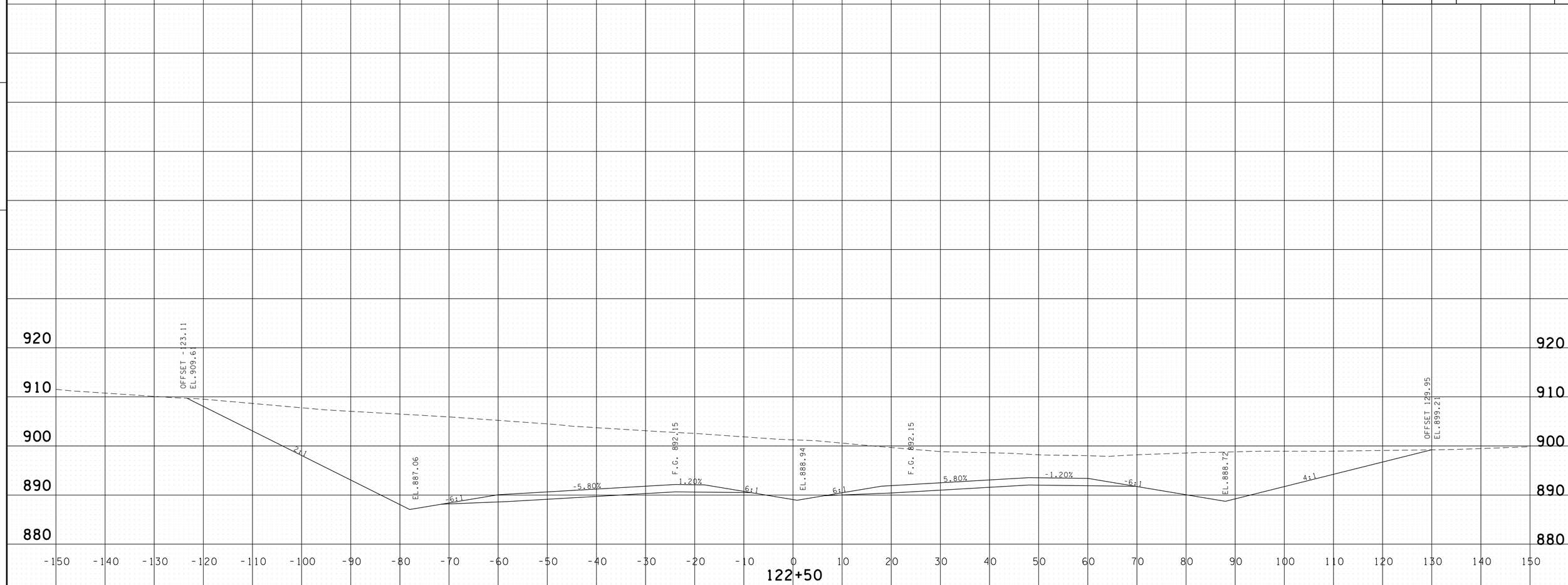
S.R. 15 MAINLINE
STA.121+00 TO STA.121+50

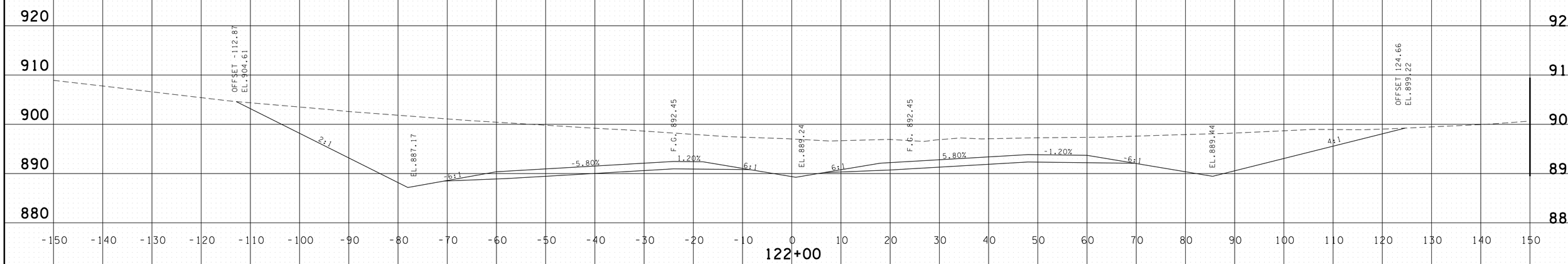
4/30/2014 11:35:10 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	213

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

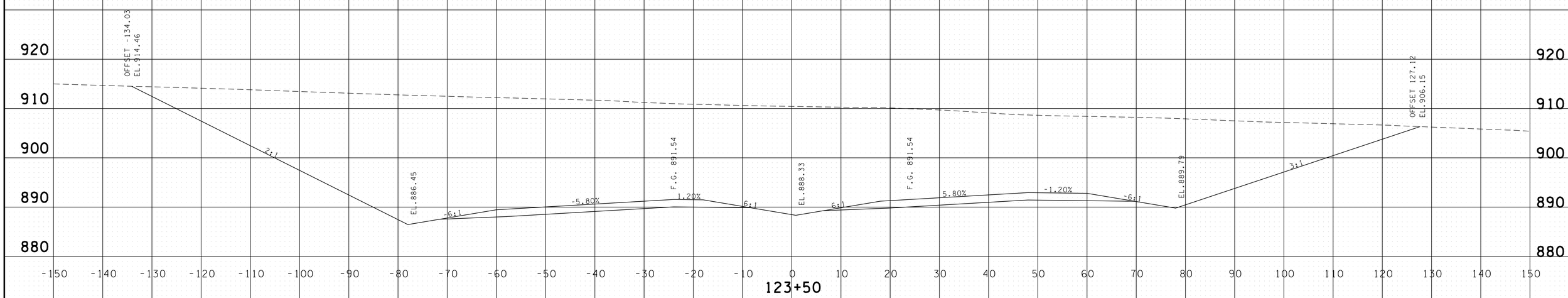
S.R. 15 MAINLINE
STA.122+00 TO STA.122+50

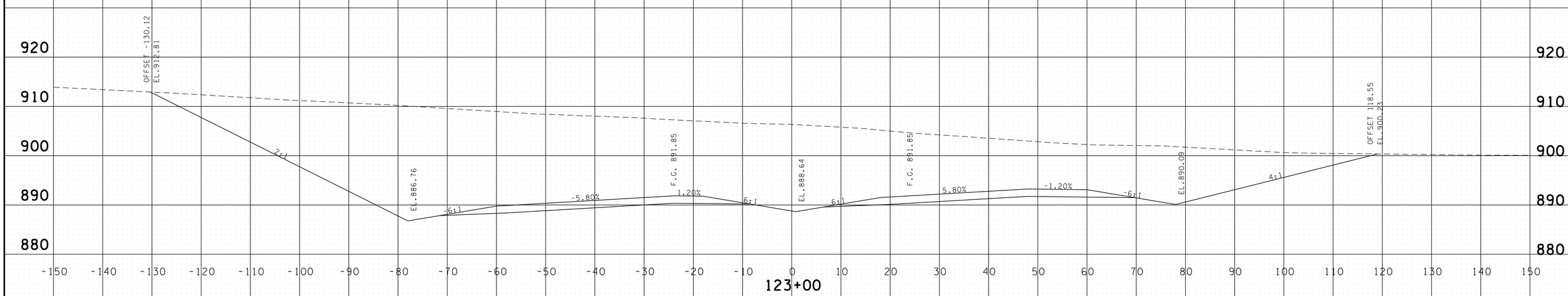
4/30/2014 11:35:12 AM
G:\HDQIN\Q11.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	214

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

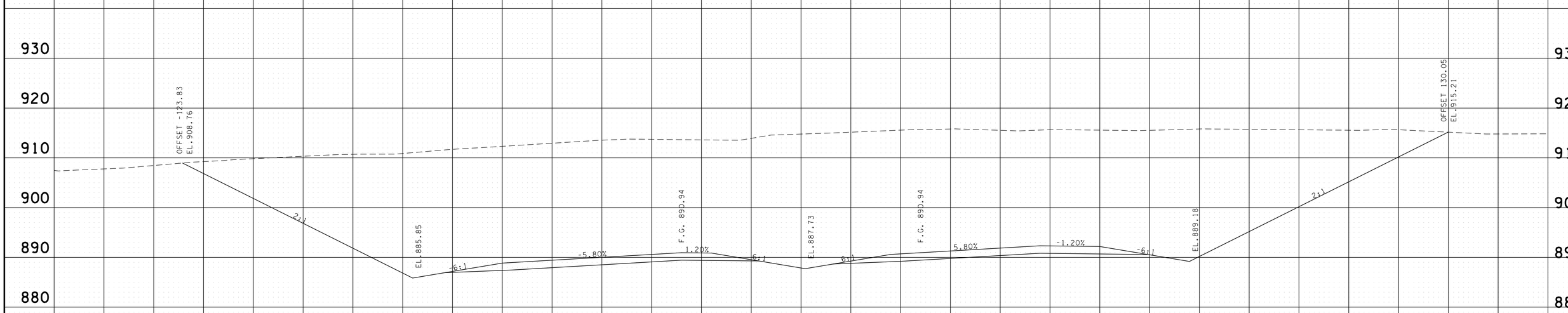
S.R. 15 MAINLINE
STA.123+00 TO STA.123+50

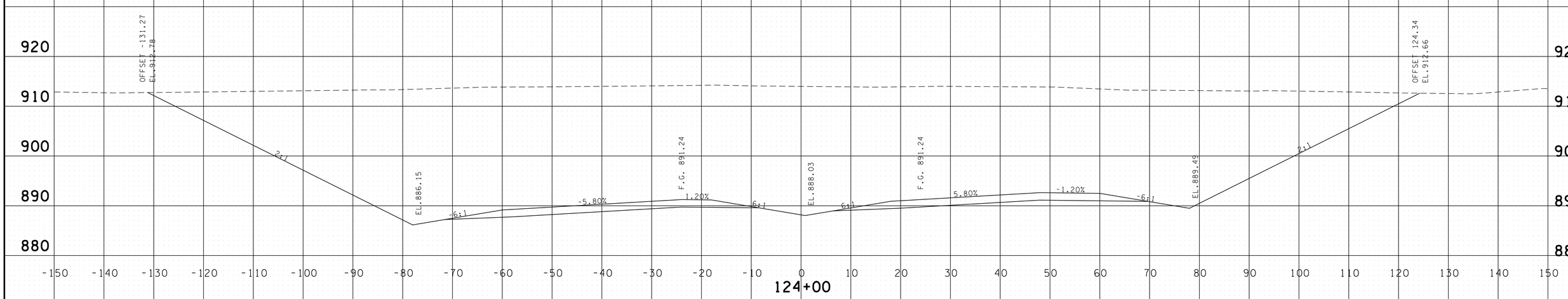
4/30/2014 11:35:13 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	215

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.124+00 TO STA.124+50

4/30/2014 11:35:15 AM
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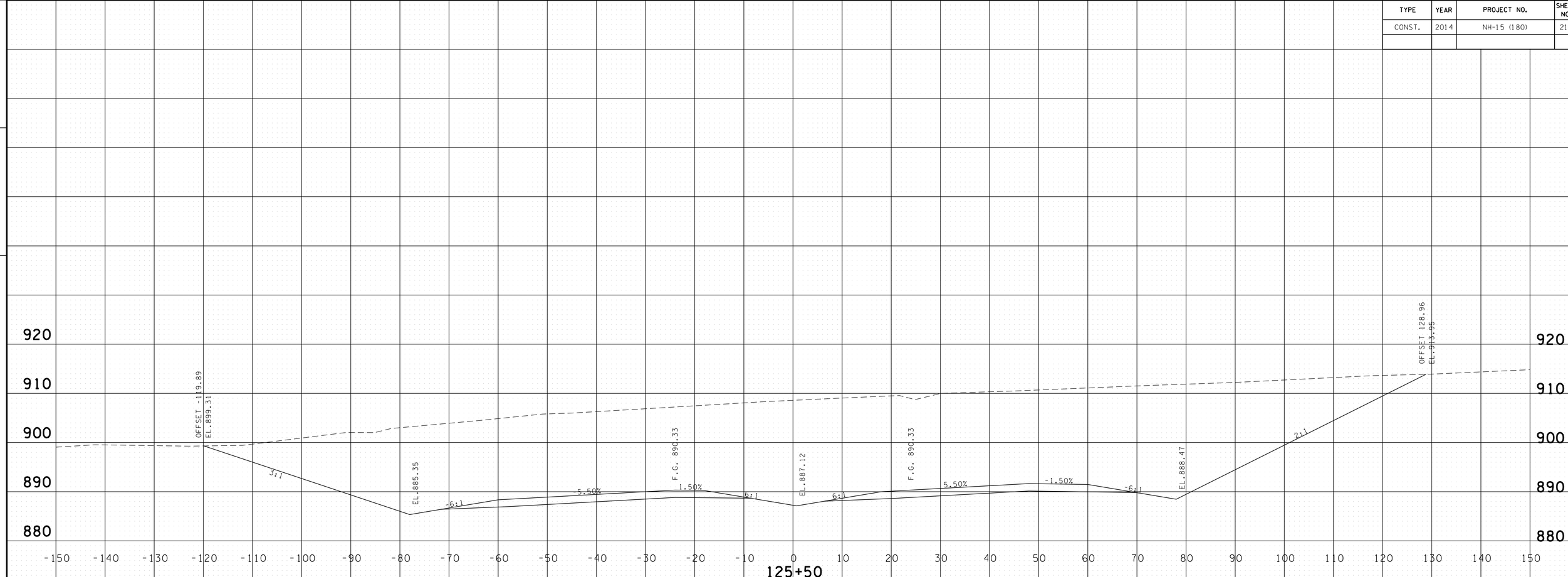
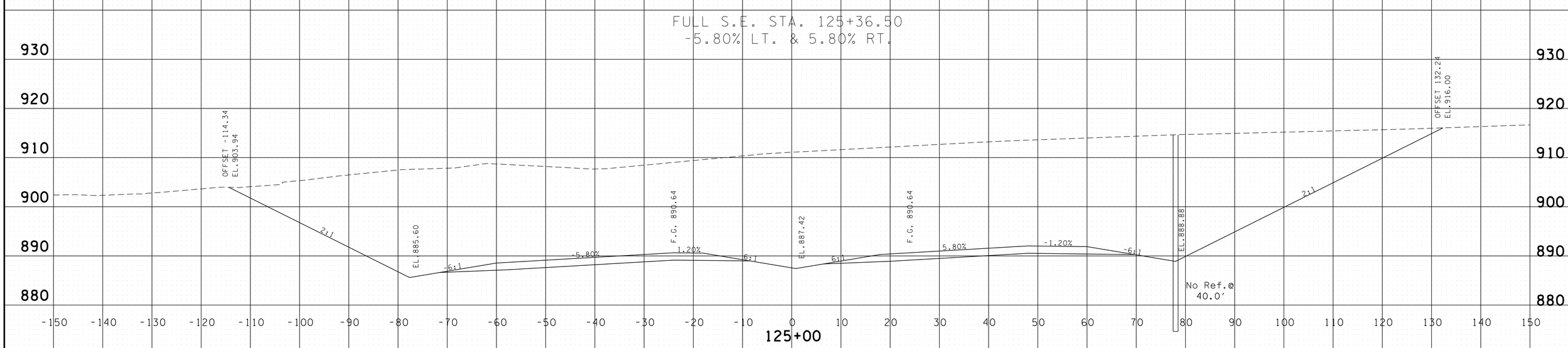
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	216

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 125+36.50
-5.80% LT. & 5.80% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

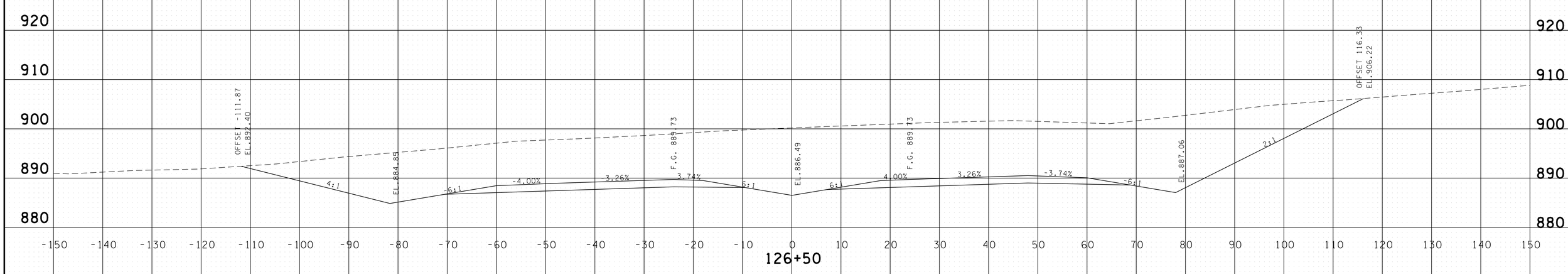
S.R. 15 MAINLINE
STA.125+00 TO STA.125+50

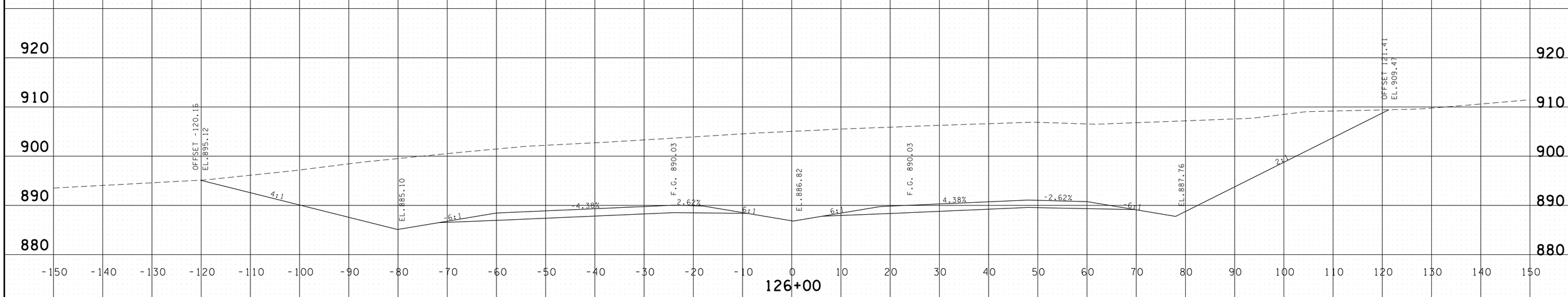
4/30/2014 11:35:17 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	217

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

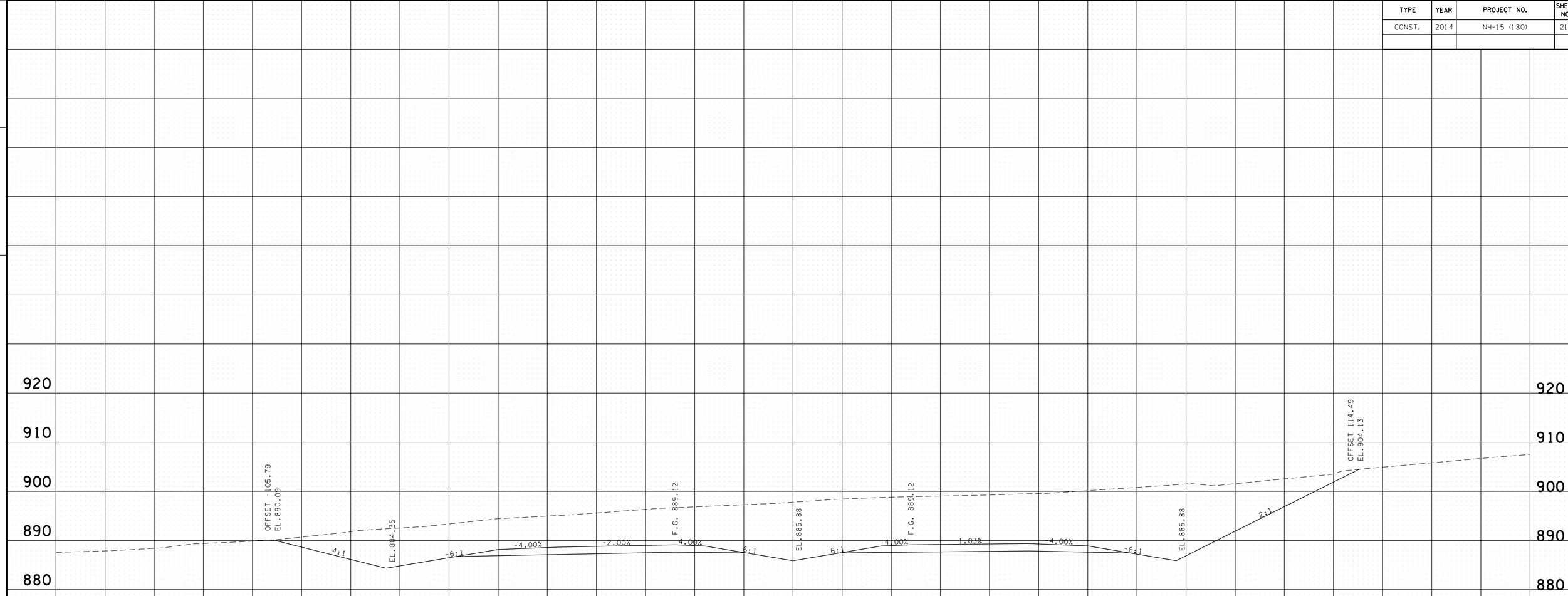
S.R. 15 MAINLINE
STA.126+00 TO STA.126+50

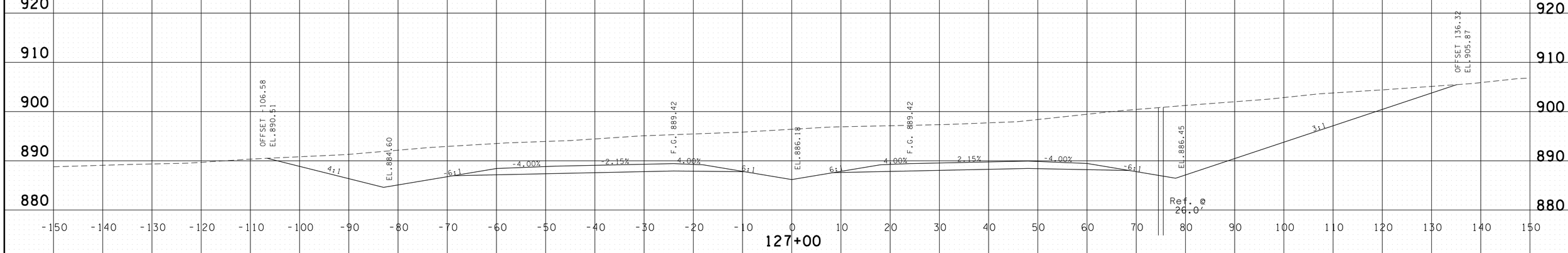
4/30/2014 11:35:19 AM
G:\HDIII\01\03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	218

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

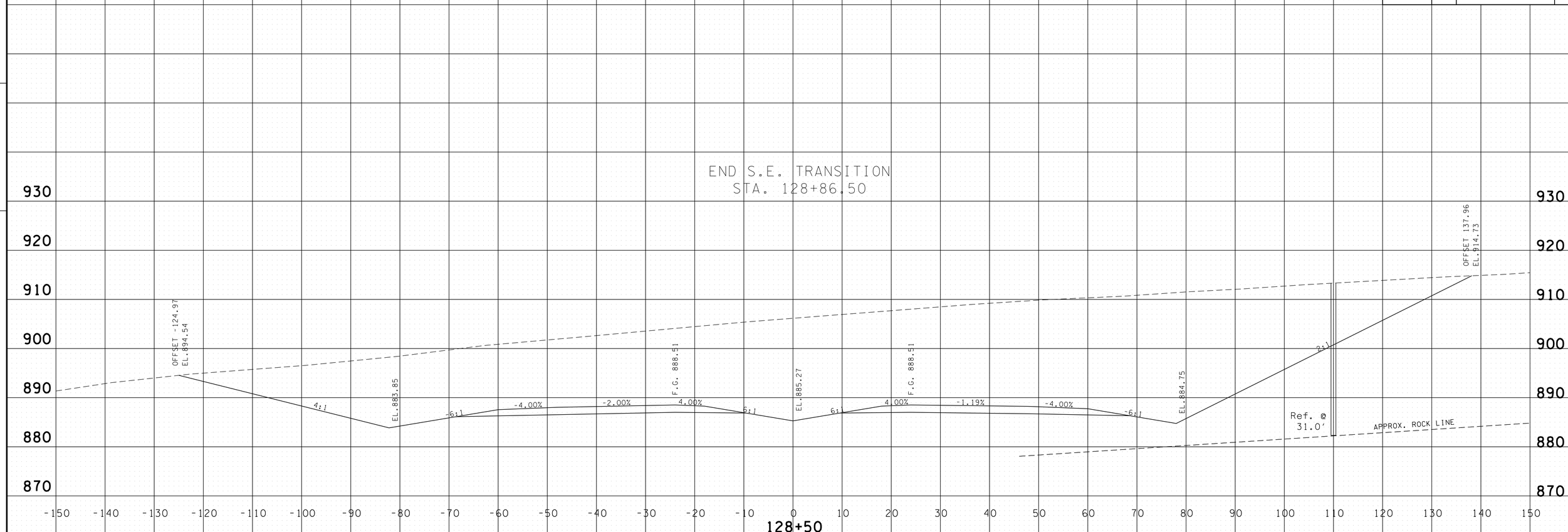
S.R. 15 MAINLINE
STA.127+00 TO STA.127+50

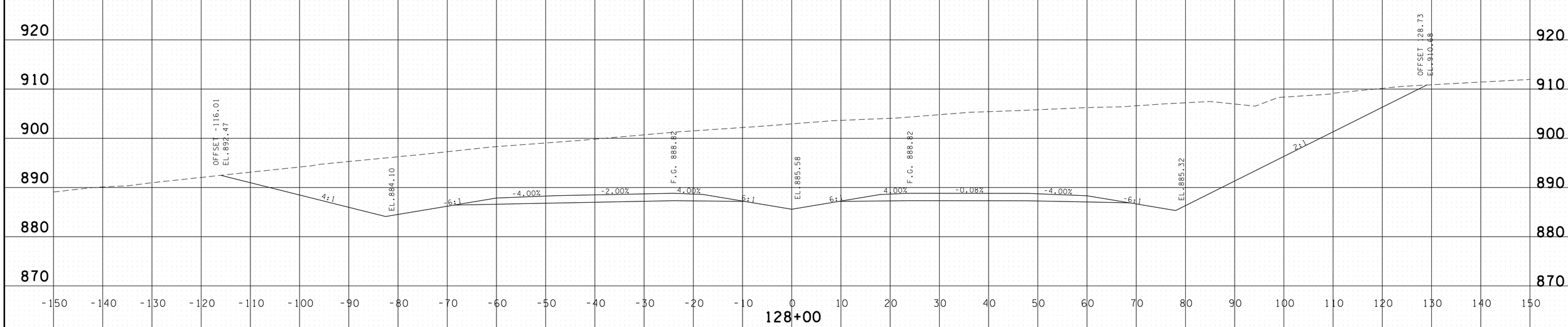
4/30/2014 11:35:20 AM
G:\HDIQIIV\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	219

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

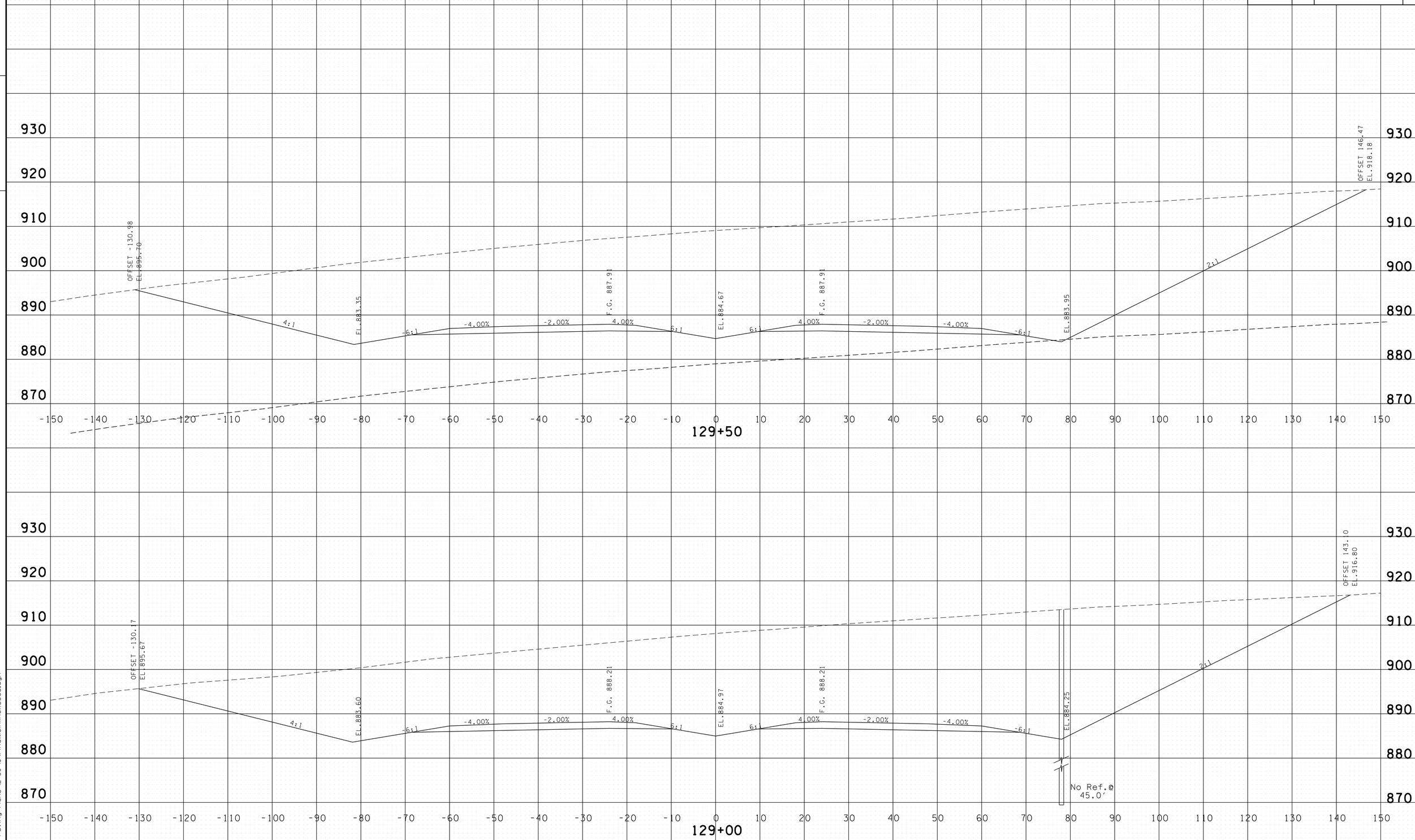
S.R. 15 MAINLINE
STA.128+00 TO STA.128+50

4/30/2014 11:35:22 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	220

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.129+00 TO STA.129+50

4/30/2014 11:35:24 AM
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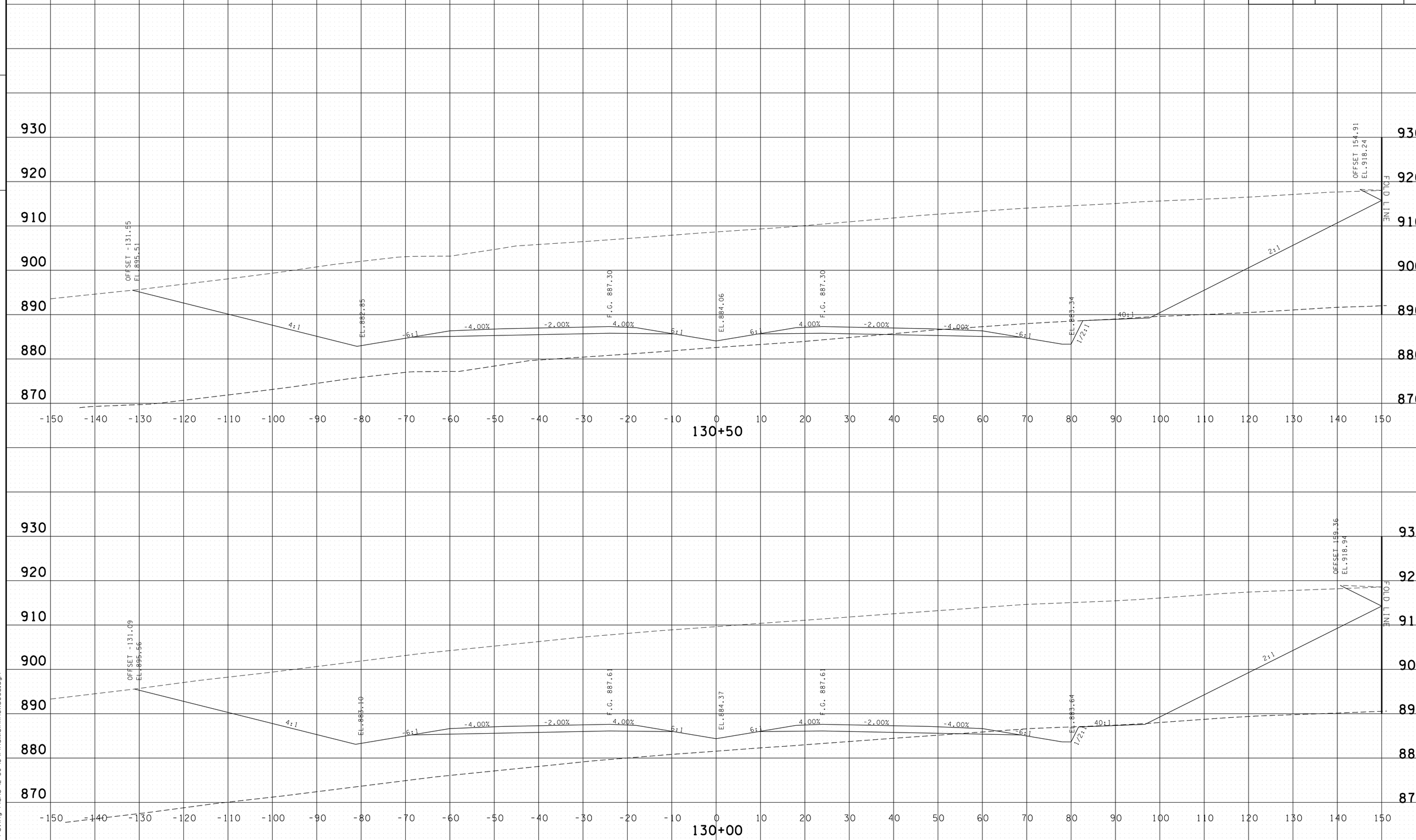
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	221

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

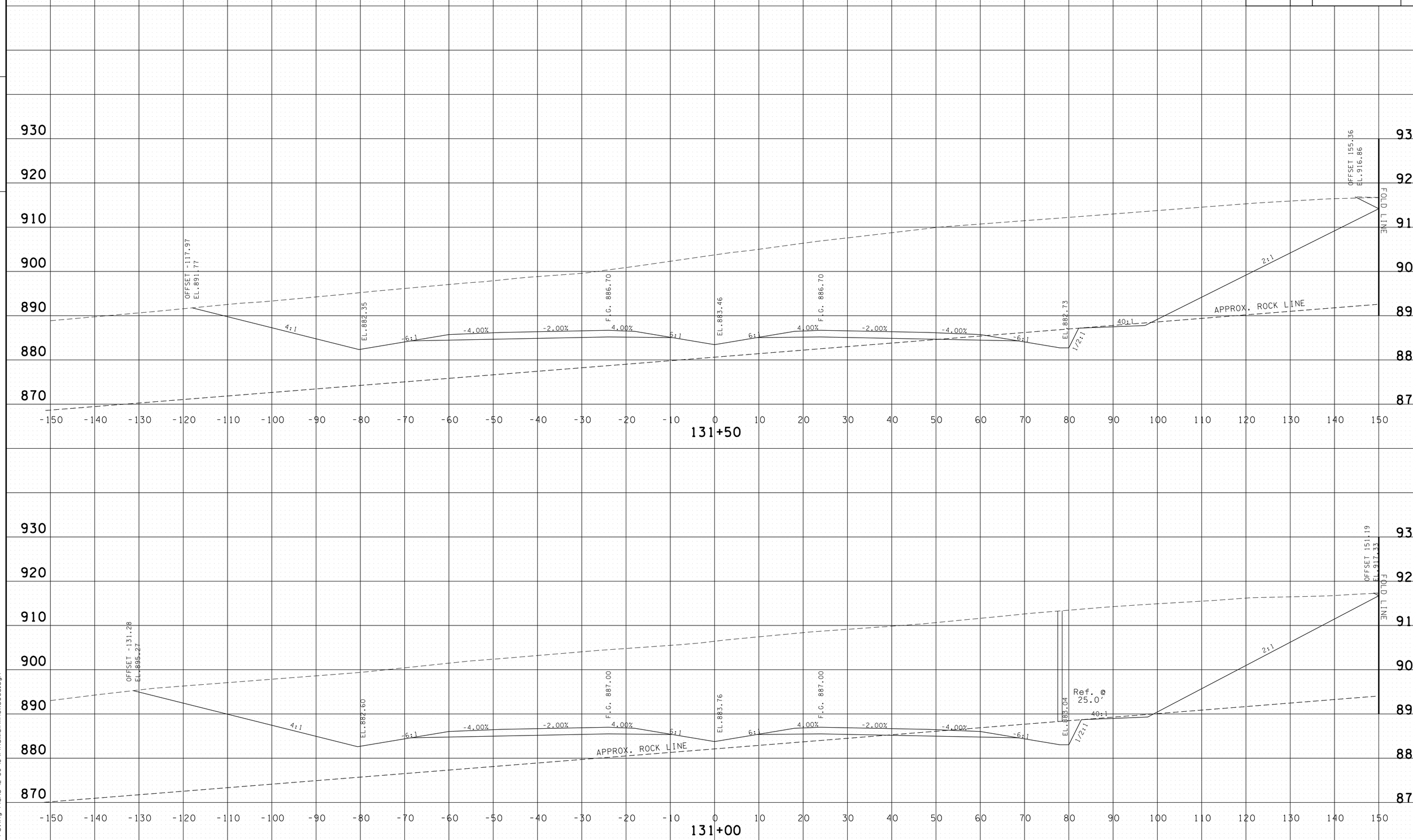
S.R. 15 MAINLINE
STA.130+00 TO STA.130+50

4/30/2014 11:35:25 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	222

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

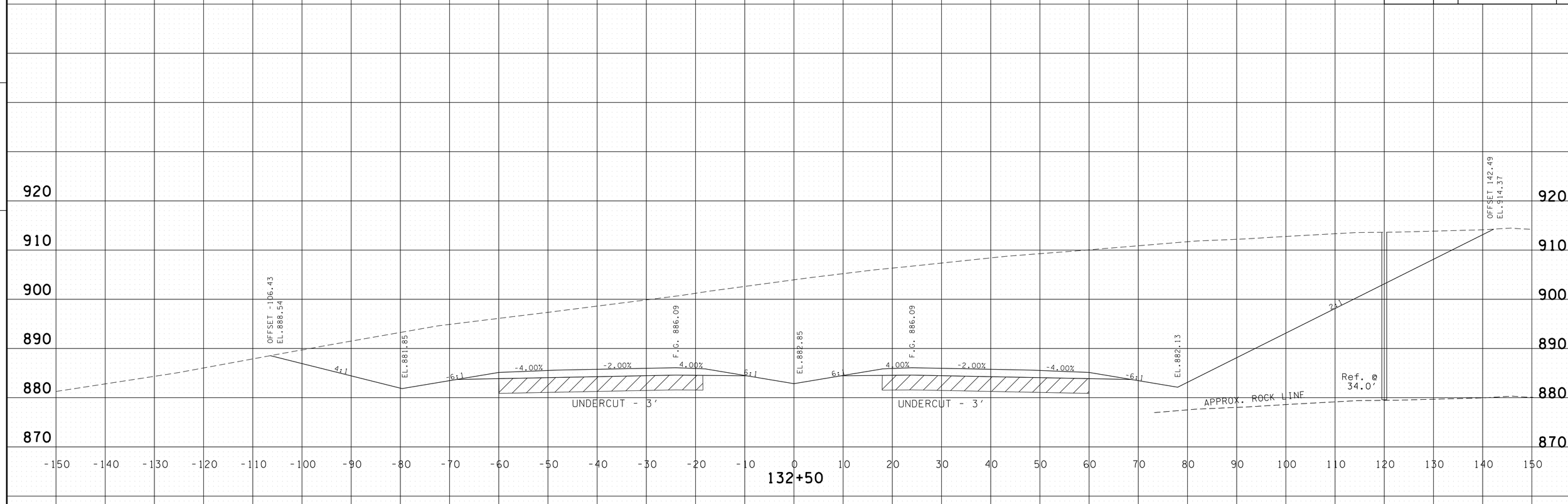
S.R. 15 MAINLINE
STA.131+00 TO STA.131+50

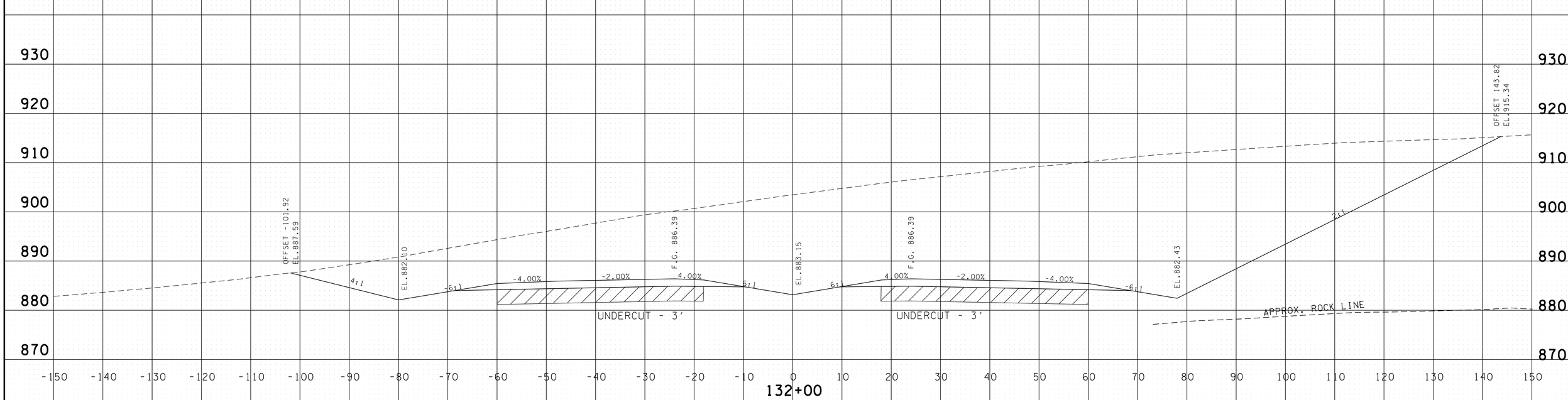
4/30/2014 11:35:27 AM
G:\HD\DIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	223

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

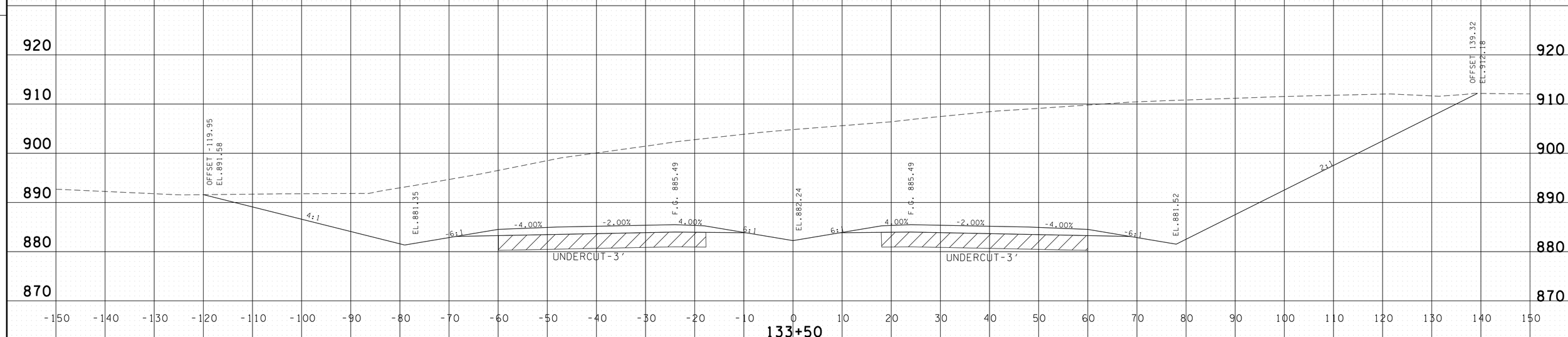
S.R. 15 MAINLINE
STA.132+00 TO STA.132+50

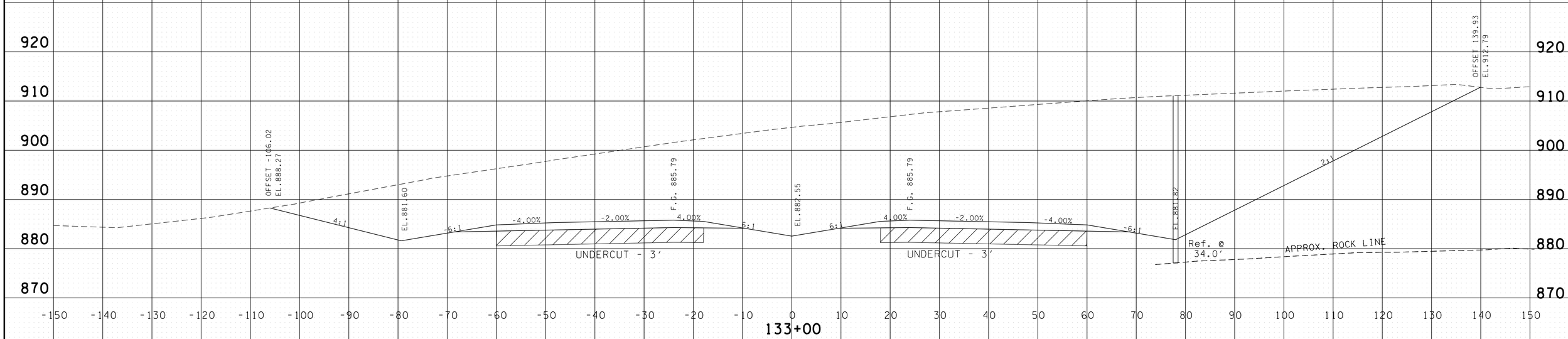
4/30/2014 11:35:29 AM
G:\HDOIN\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	224

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.133+00 TO STA.133+50

4/30/2014 11:35:30 AM
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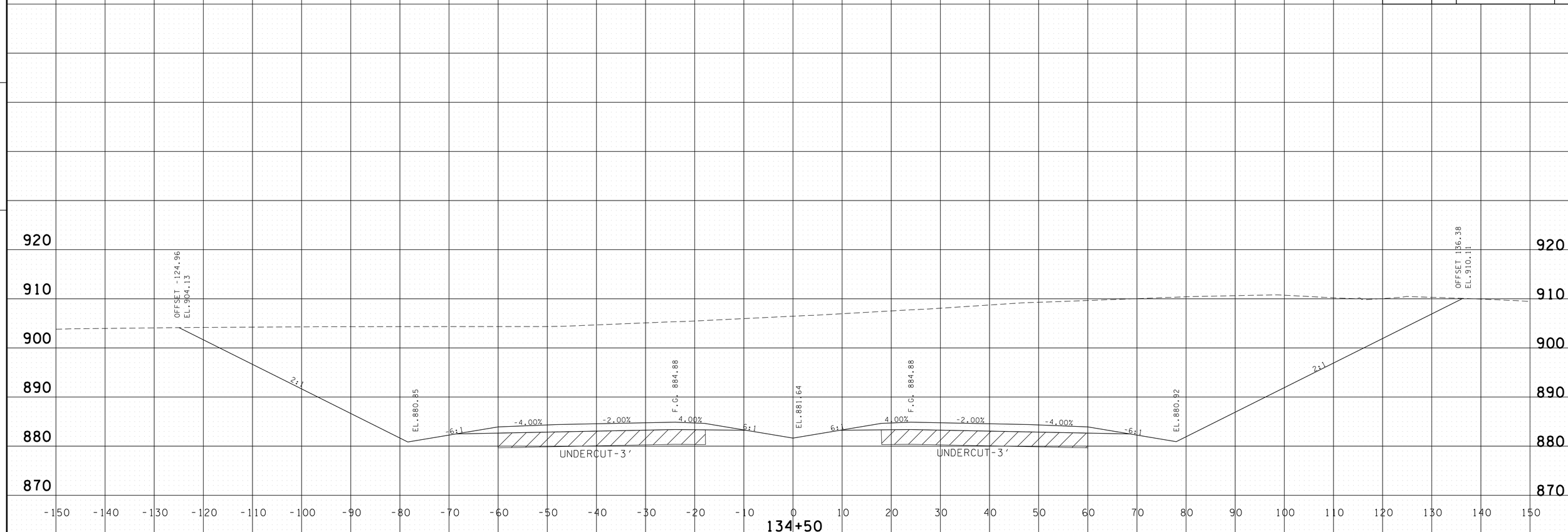
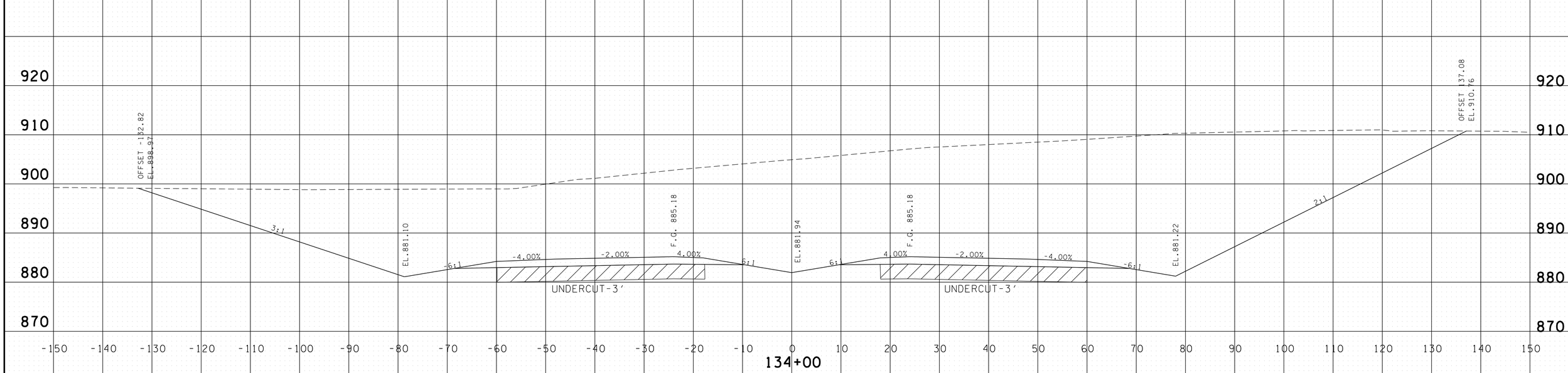
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	225

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

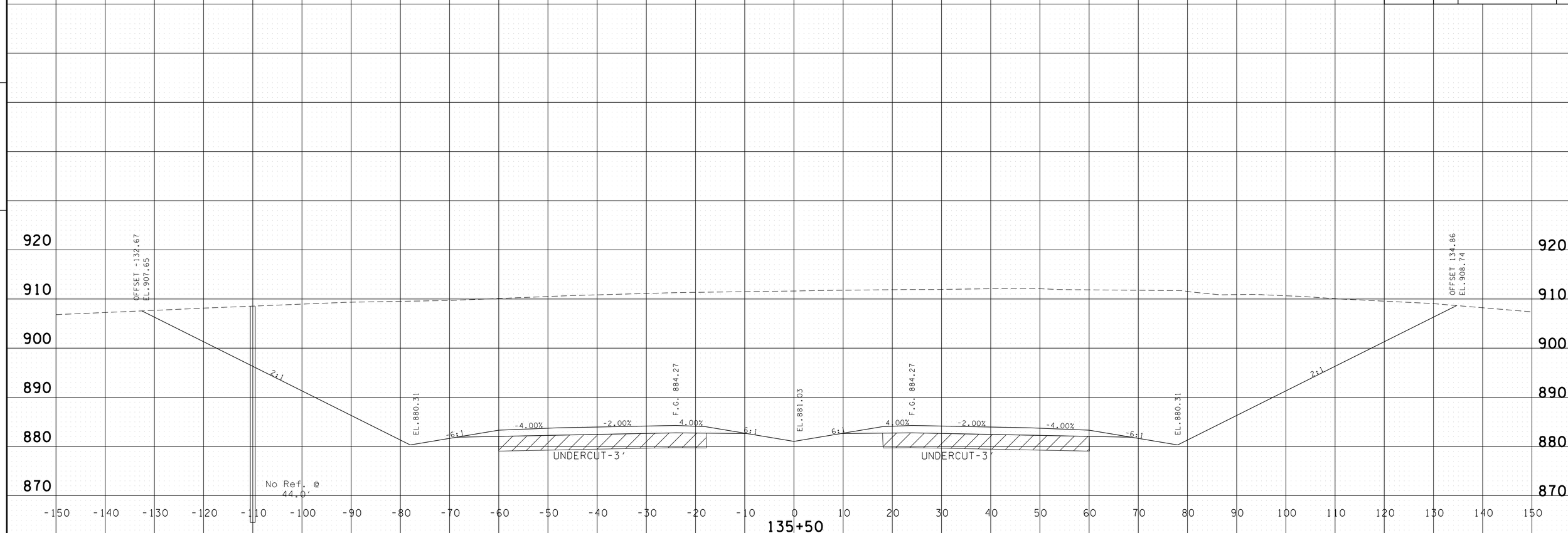
S.R. 15 MAINLINE
STA.134+00 TO STA.134+50

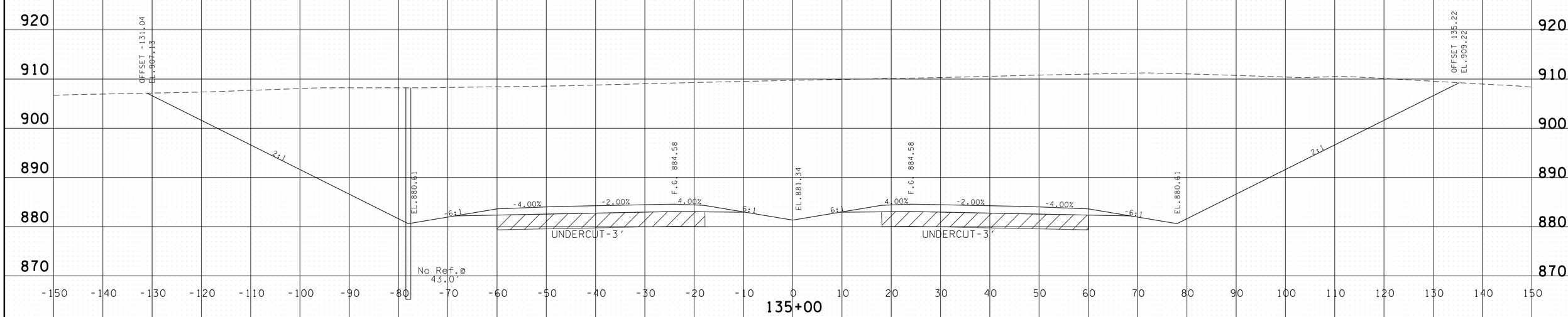
4/30/2014 11:35:32 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	226

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.135+00 TO STA.135+50

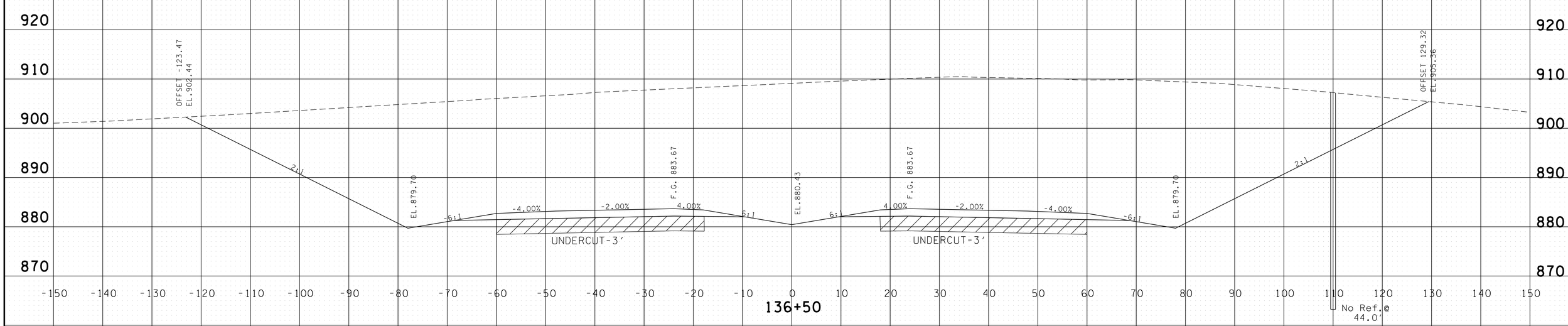
4/30/2014 11:35:44 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

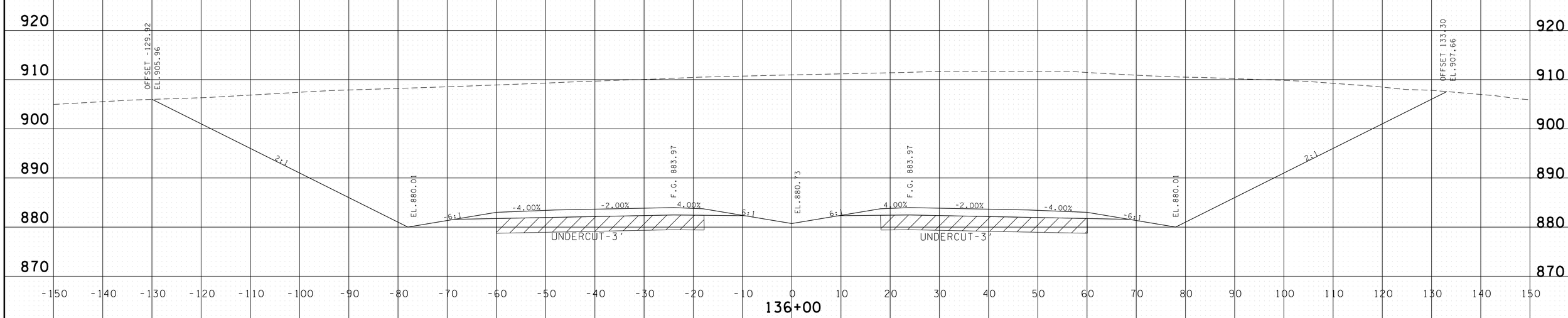
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	227

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

BEGIN S.E. TRANSITION
STA. 136+90.42





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

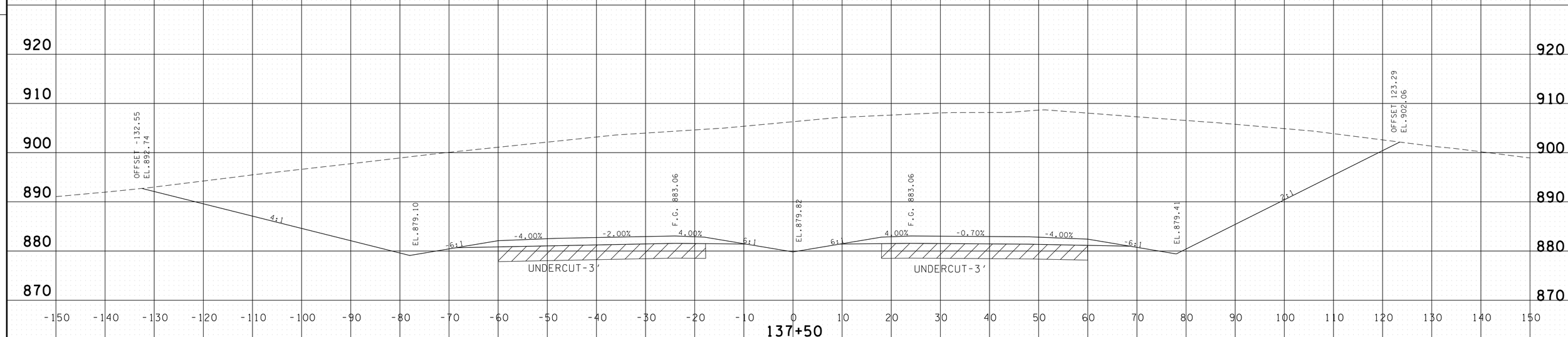
S.R. 15 MAINLINE
STA.136+00 TO STA.136+50

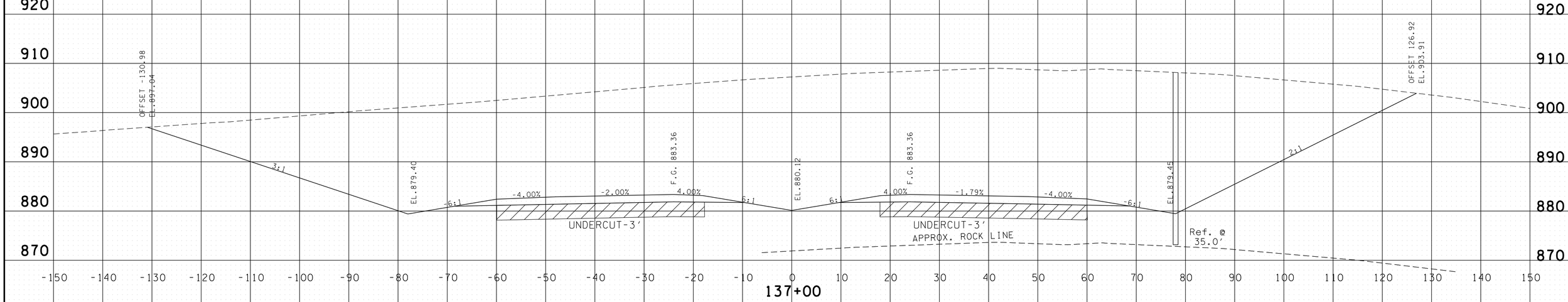
4/30/2014 11:35:45 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	228

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

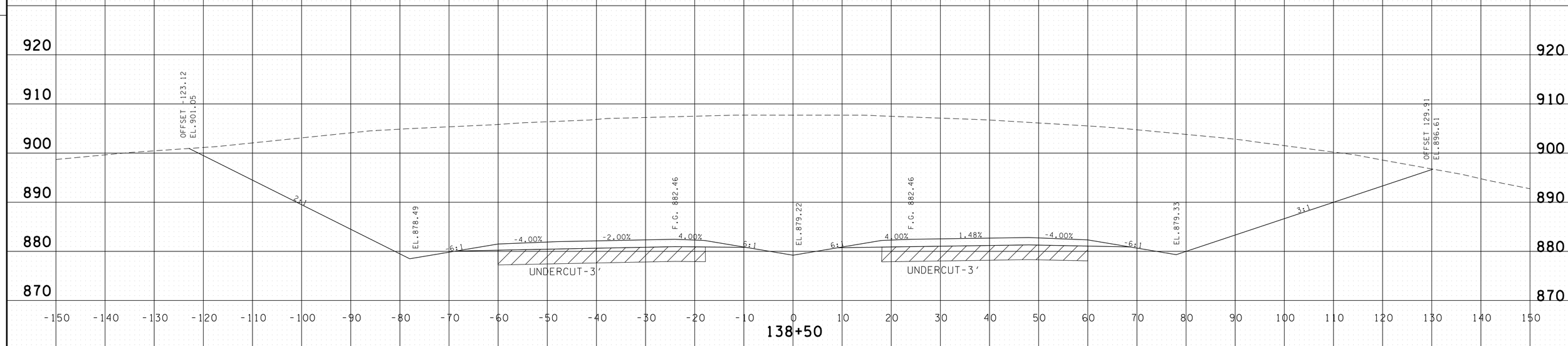
S.R. 15 MAINLINE
STA.137+00 TO STA.137+50

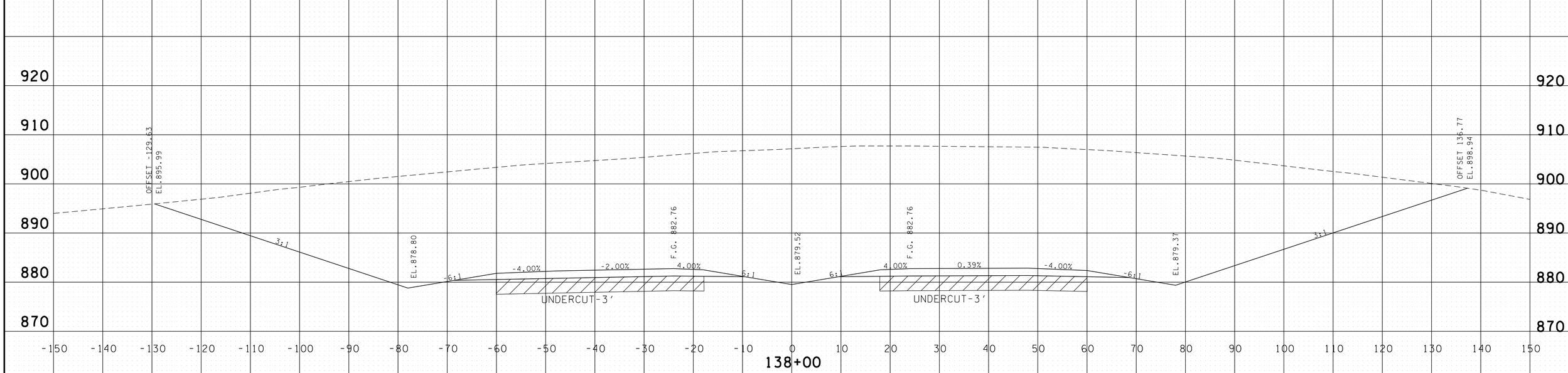
4/30/2014 11:35:47 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	229

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.138+00 TO STA.138+50

4/30/2014 11:35:49 AM
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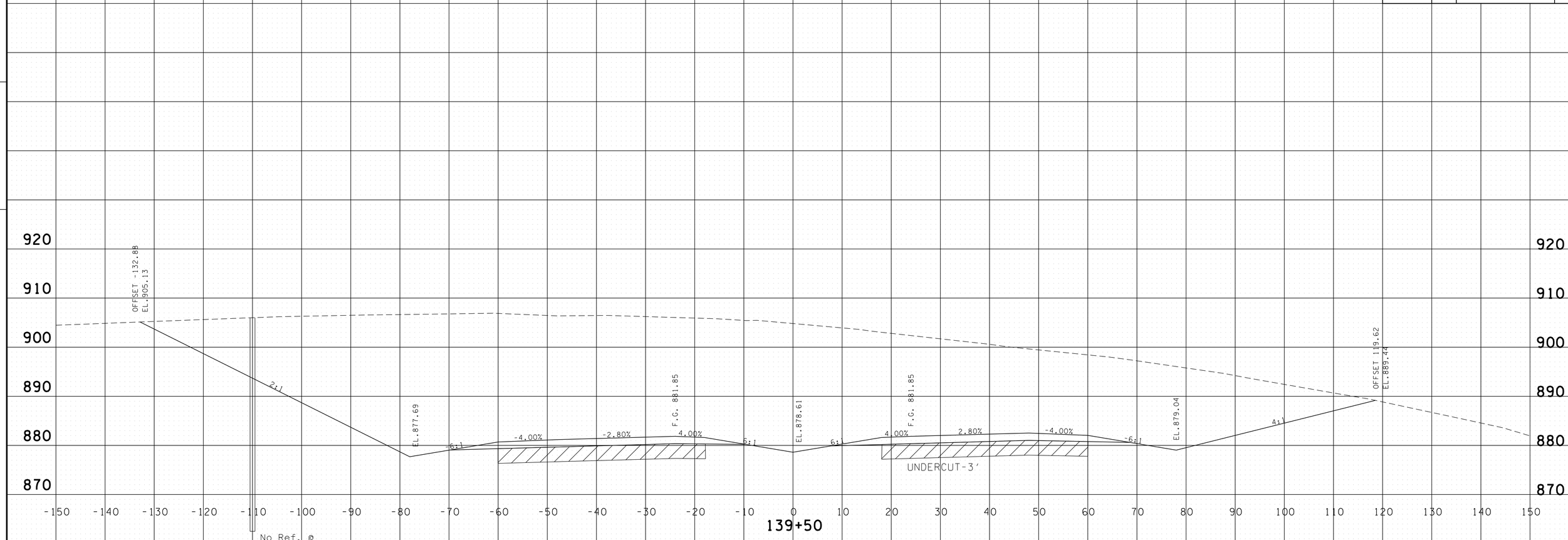
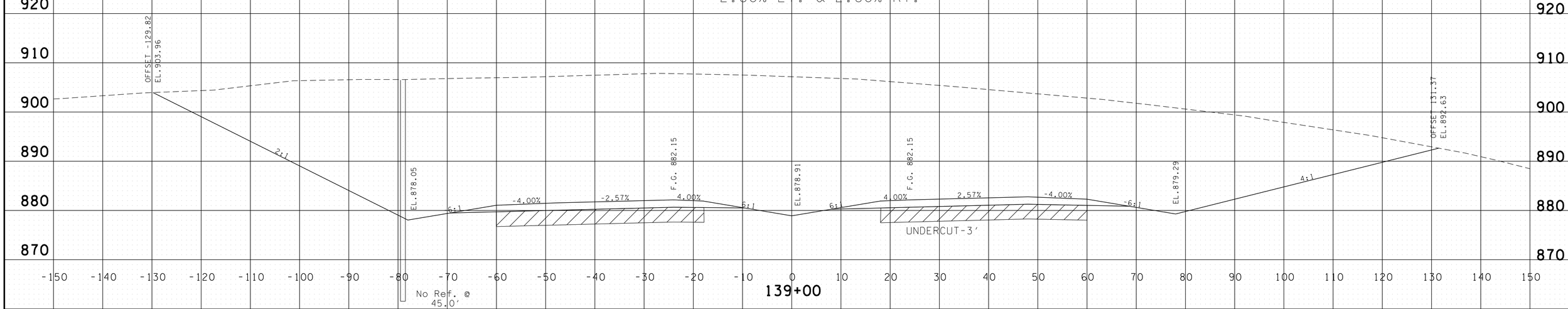
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	230

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 139+10.42
-2.80% LT. & 2.80% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.139+00 TO STA.139+50

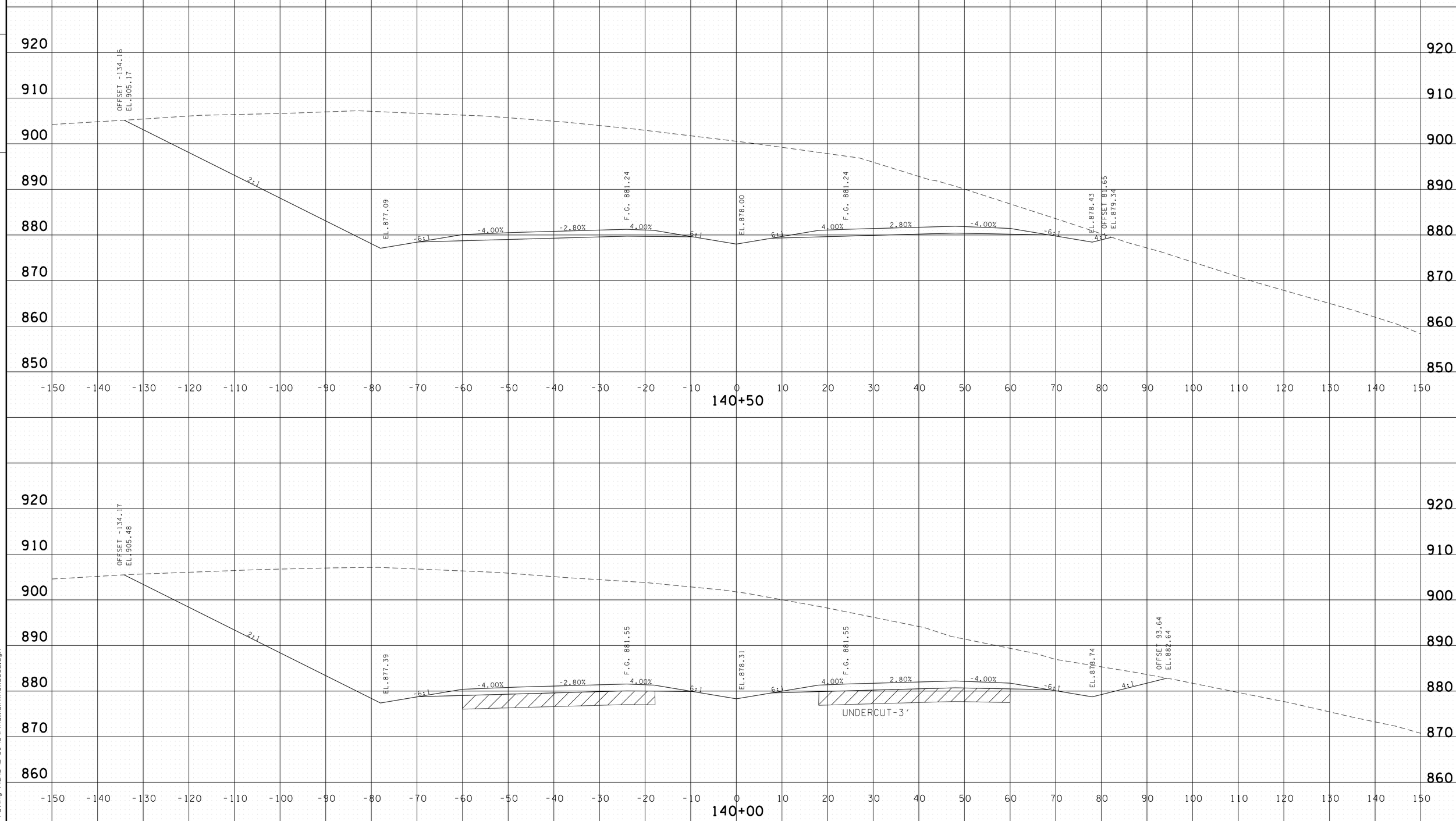
4/30/2014 11:35:50 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	231

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL S.E. STA. 140+89.49
-2.80% LT. & 2.80% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

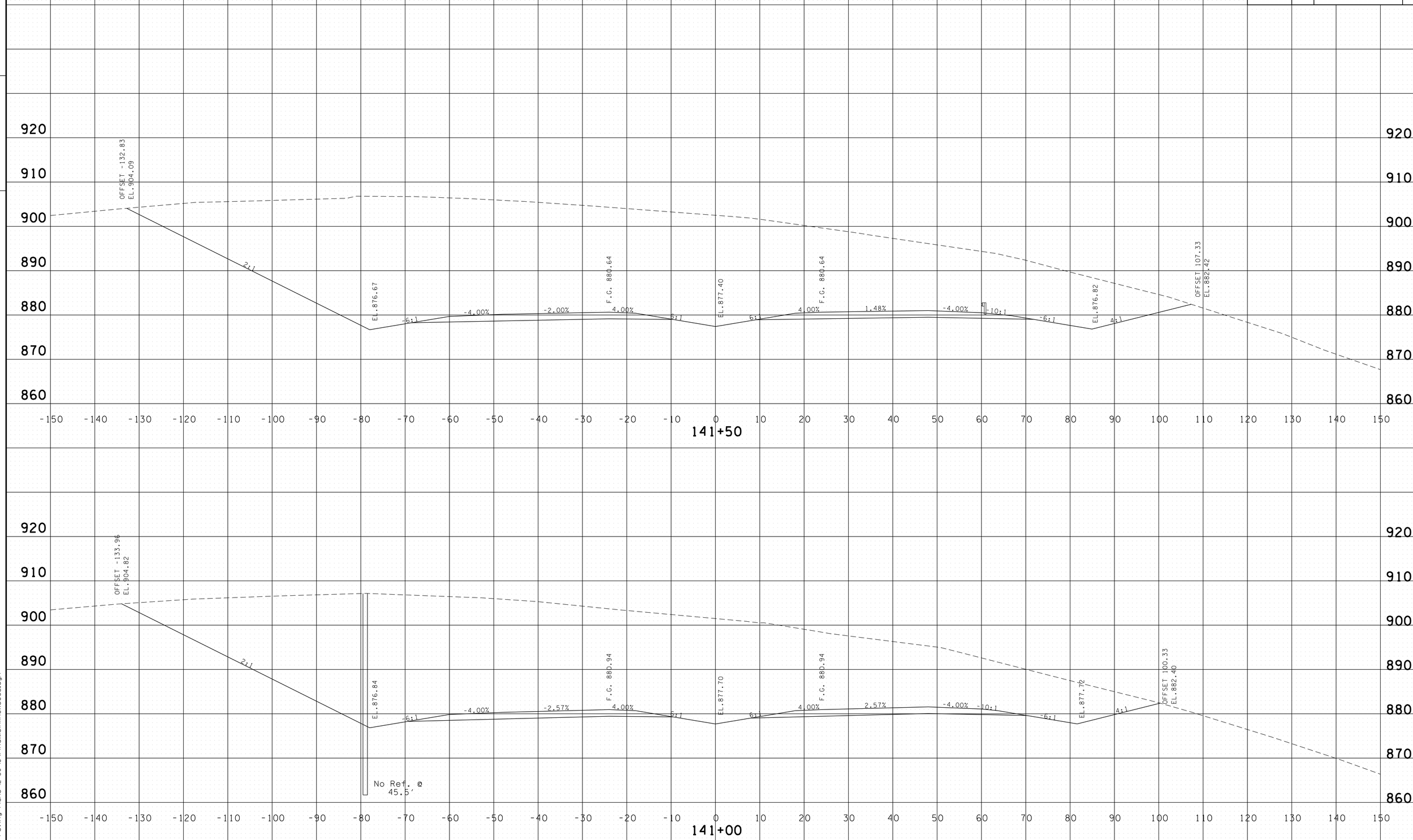
S.R. 15 MAINLINE
STA.140+00 TO STA.140+50

4/30/2014 11:35:52 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	232

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

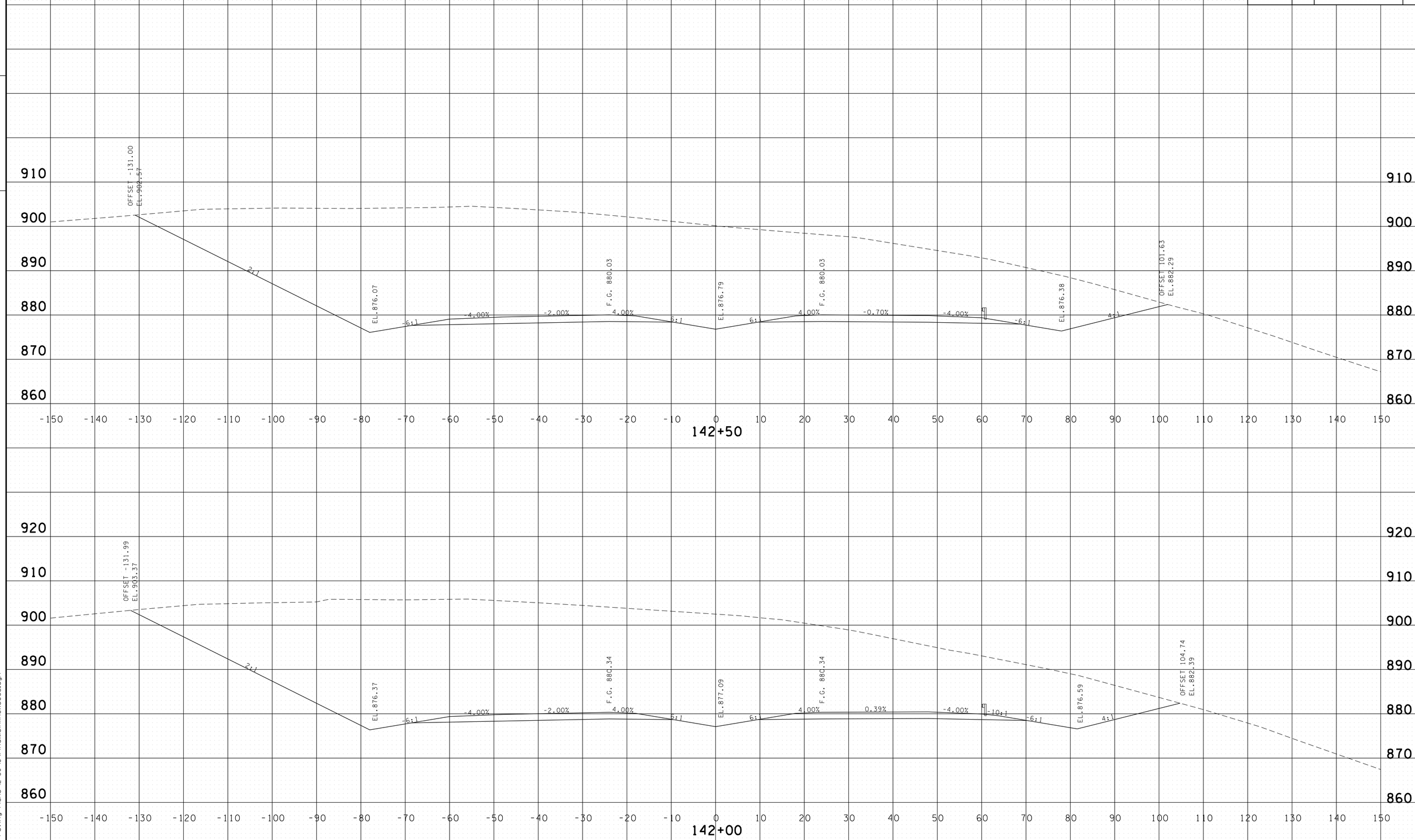
S.R. 15 MAINLINE
STA.141+00 TO STA.141+50

4/30/2014 11:35:54 AM
G:\HDOIN\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	233

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

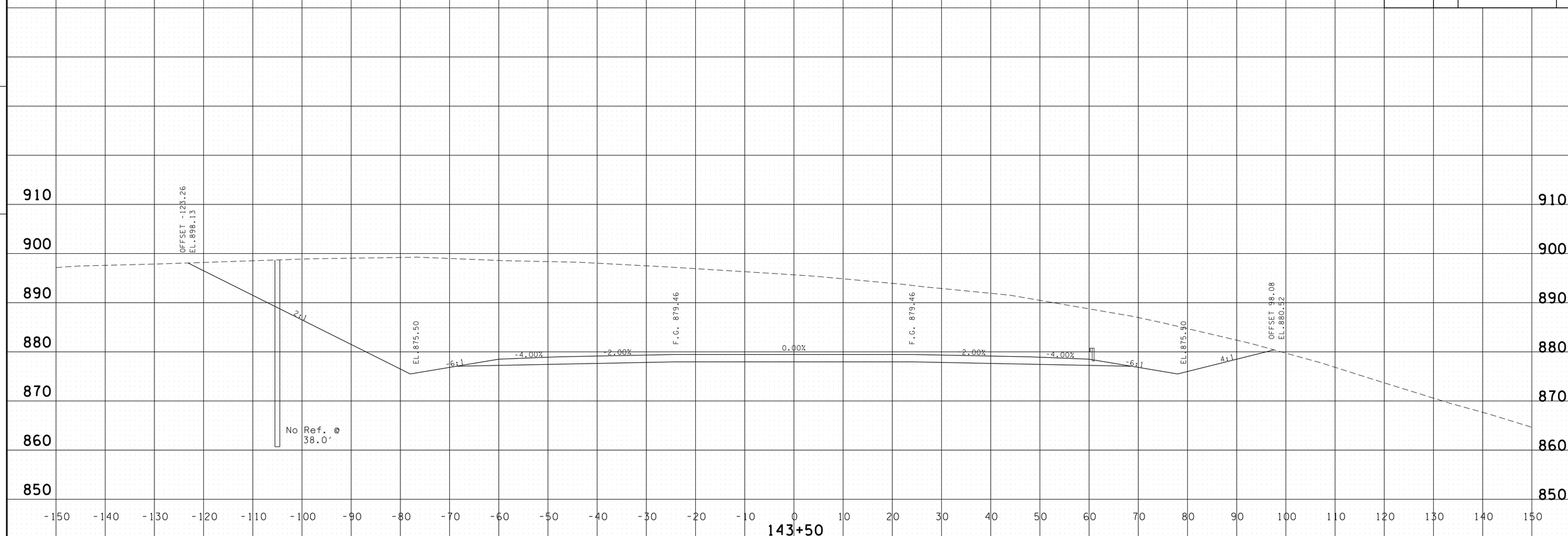
S.R. 15 MAINLINE
STA.142+00 TO STA.142+50

4/30/2014 11:35:55 AM
G:\HDOIN\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

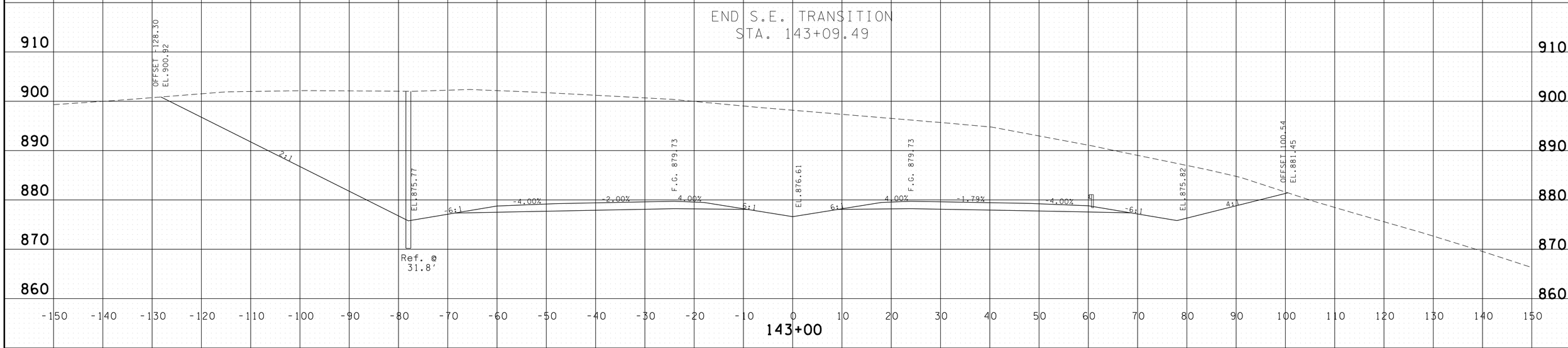
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	234

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



END S.E. TRANSITION
STA. 143+09.49



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

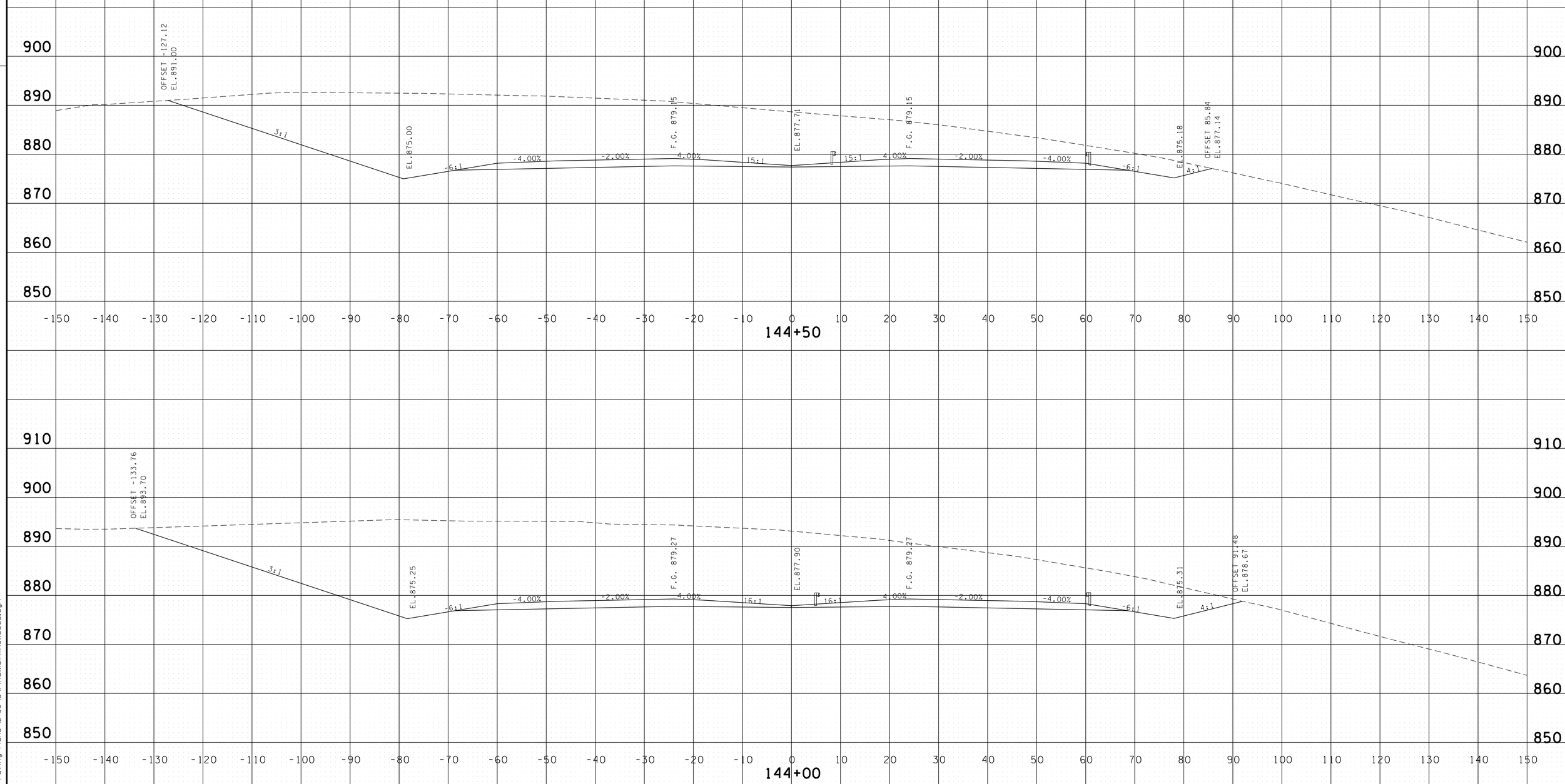
S.R. 15 MAINLINE
STA.143+00 TO STA.143+50

4/30/2014 11:35:57 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	235

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

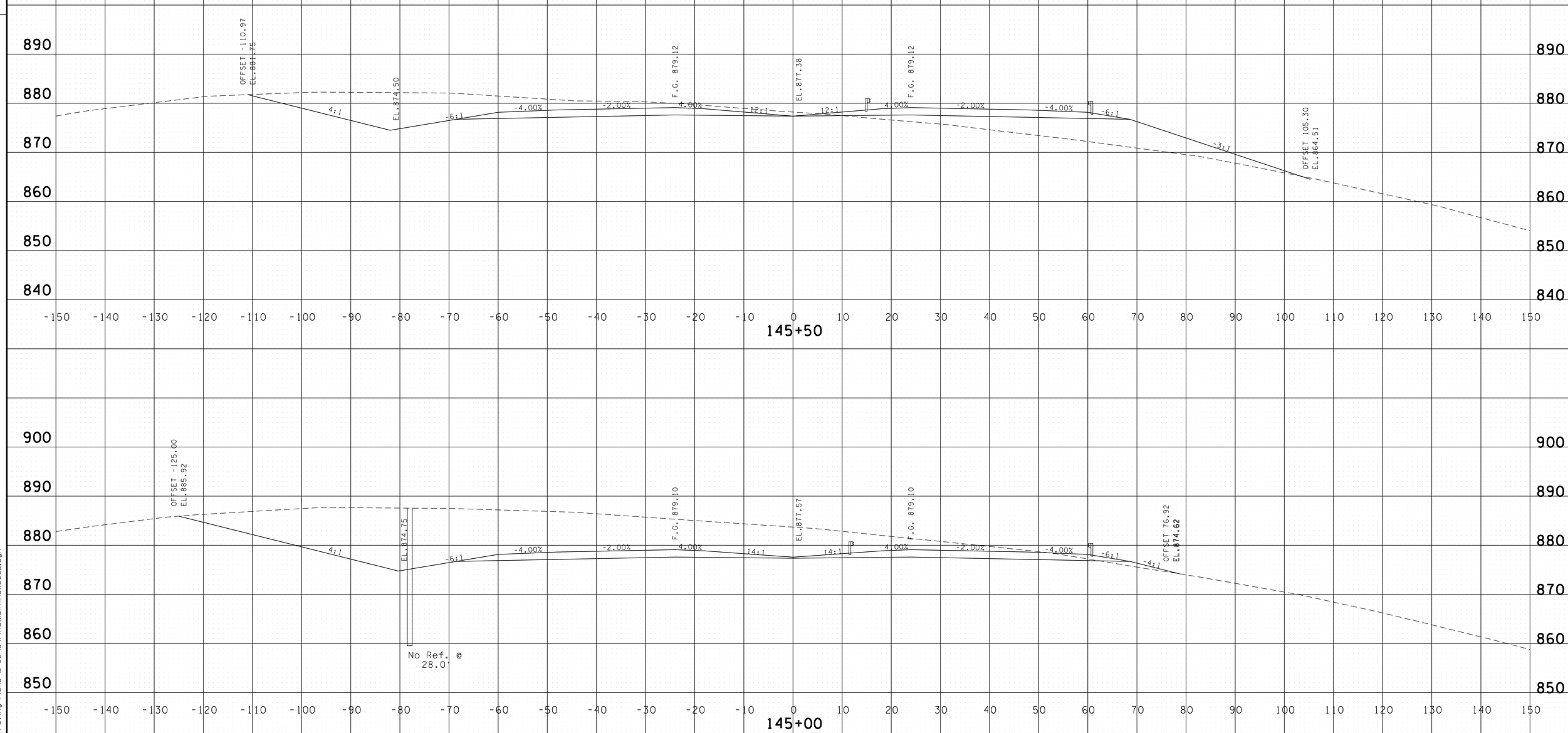
S.R. 15 MAINLINE
STA.144+00 TO STA.144+50

4/30/2014 11:35:59 AM
G:\HDOIN\011.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	236

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.145+00 TO STA.145+50

4/30/2014 11:36:01 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

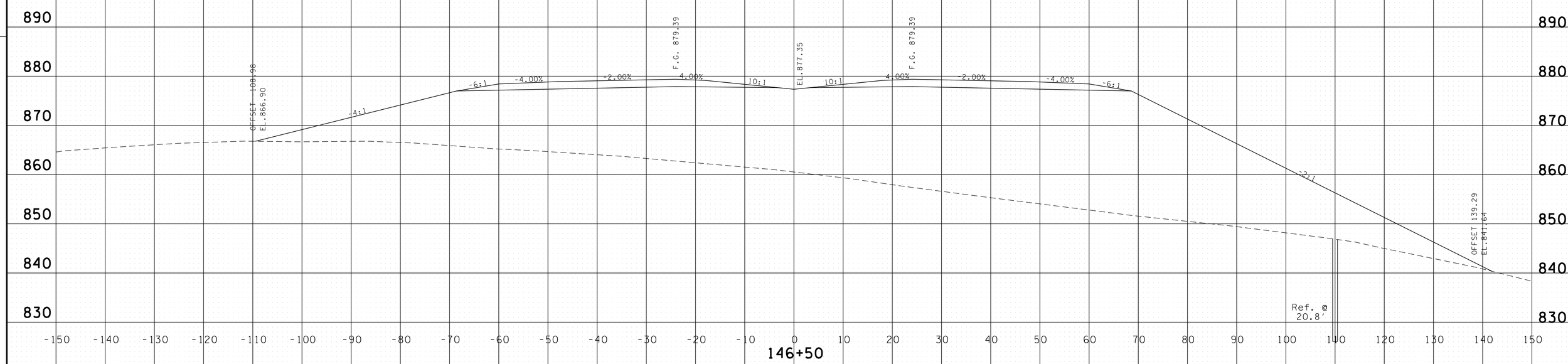
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	237

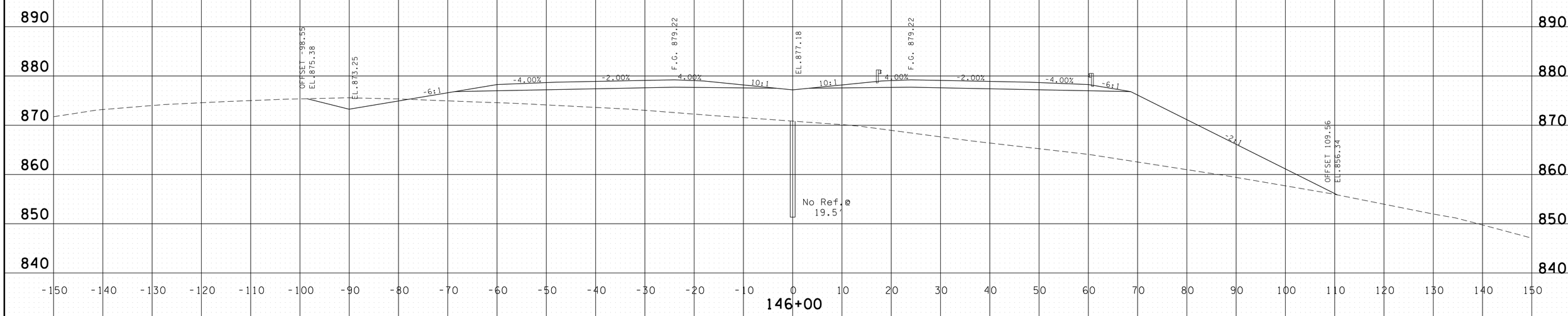
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

BEGIN BRIDGE
STA. 146+65.00

DBL. END AREA
STA 146+65.00
AREA FILL=3515





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

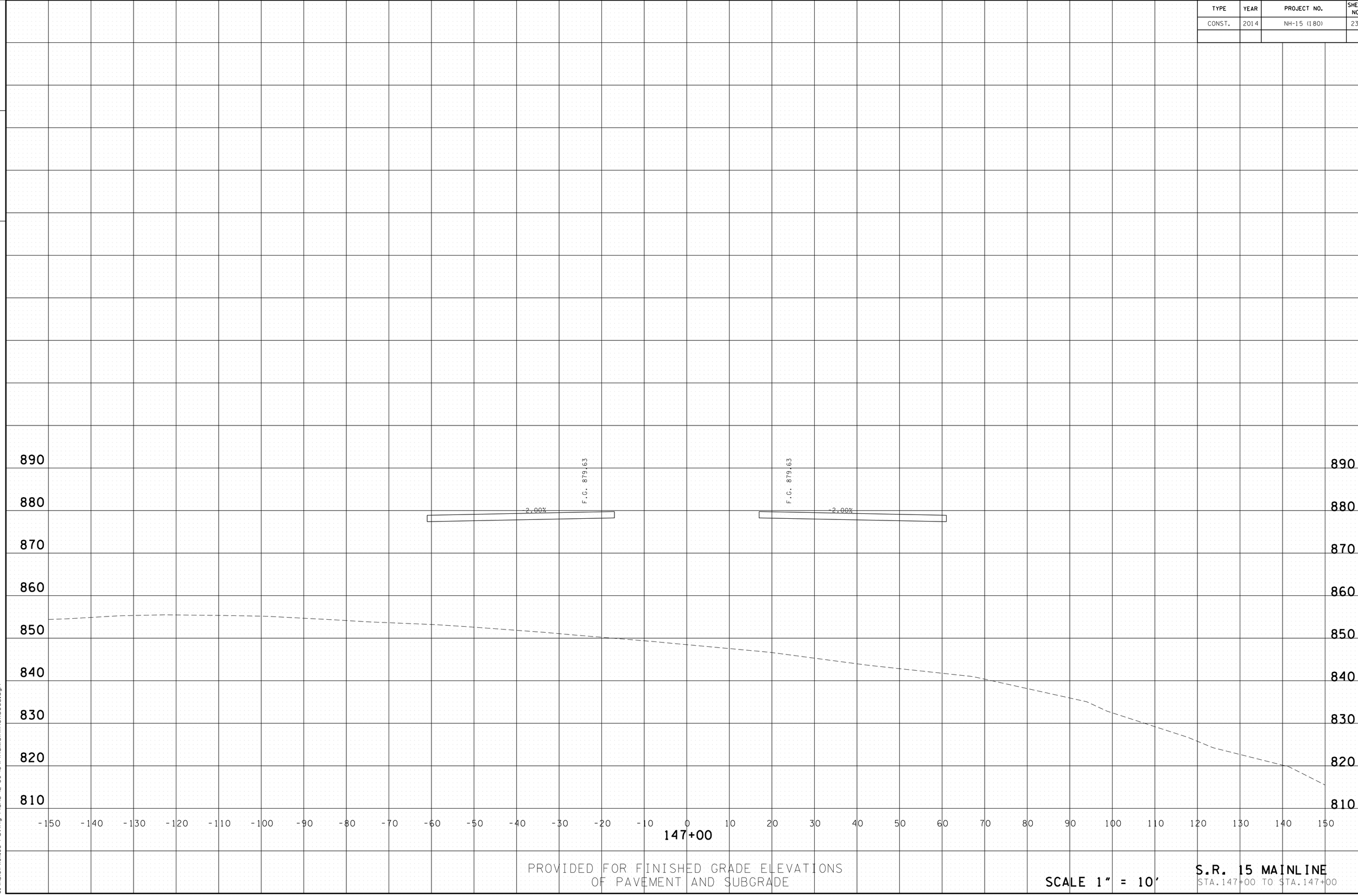
S.R. 15 MAINLINE
STA.146+00 TO STA.146+50

4/30/2014 11:36:02 AM
G:\HD\0\11\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	238

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

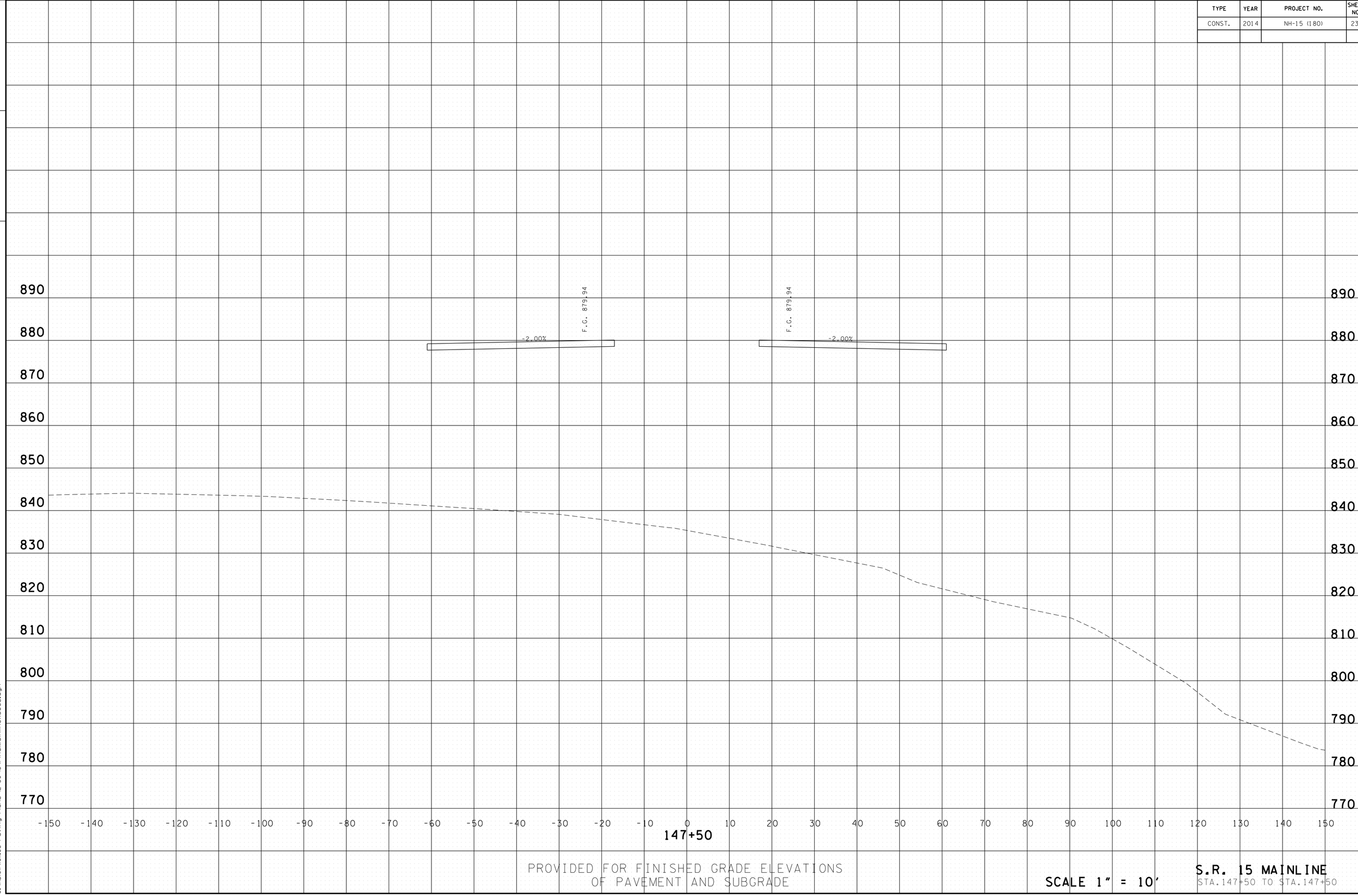
S.R. 15 MAINLINE
STA.147+00 TO STA.147+00

4/30/2014 11:36:04 AM
G:\HDIQIIV\01L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	239

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

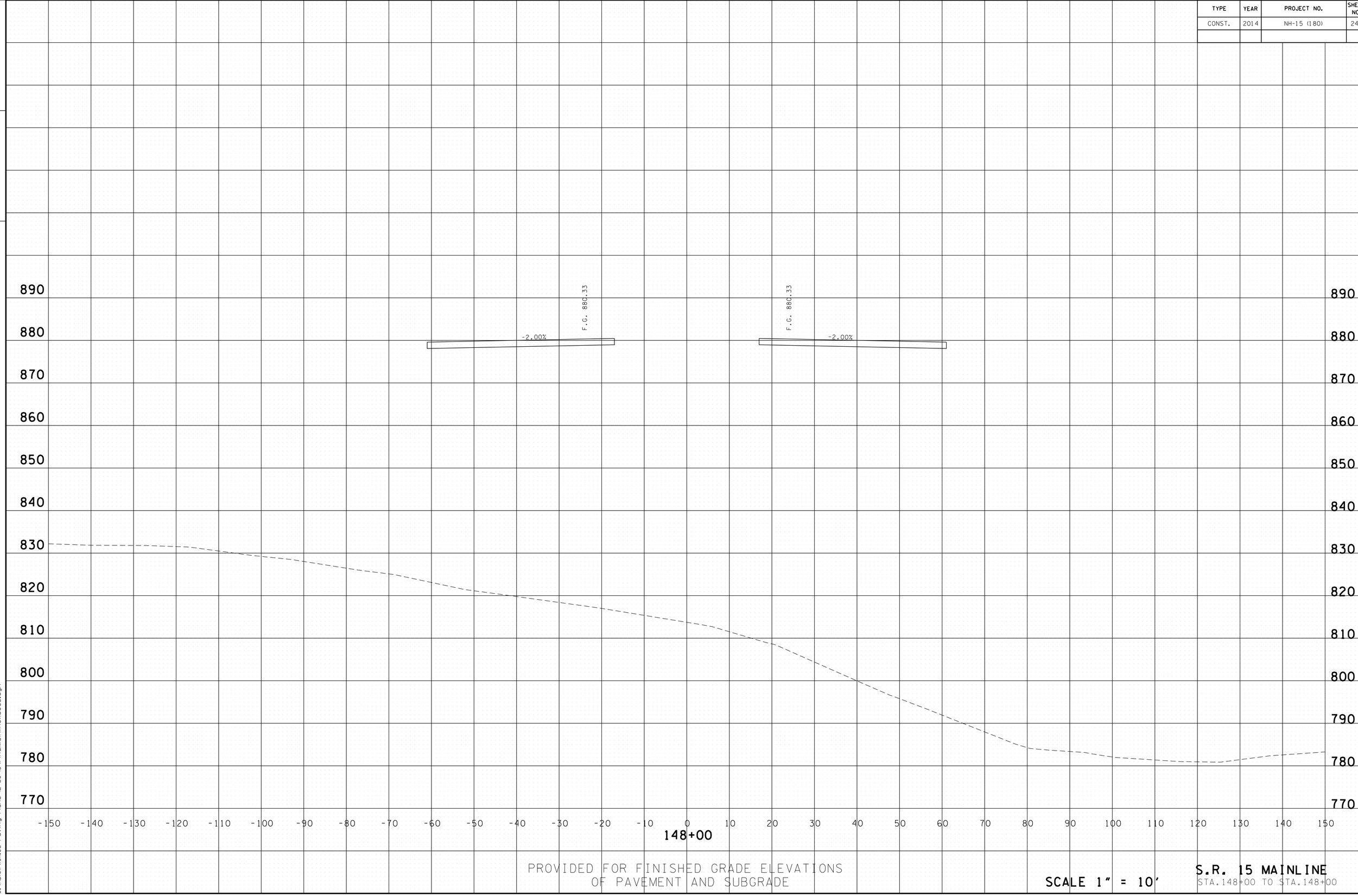
S.R. 15 MAINLINE
STA.147+50 TO STA.147+50

4/30/2014 11:36:06 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	240

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

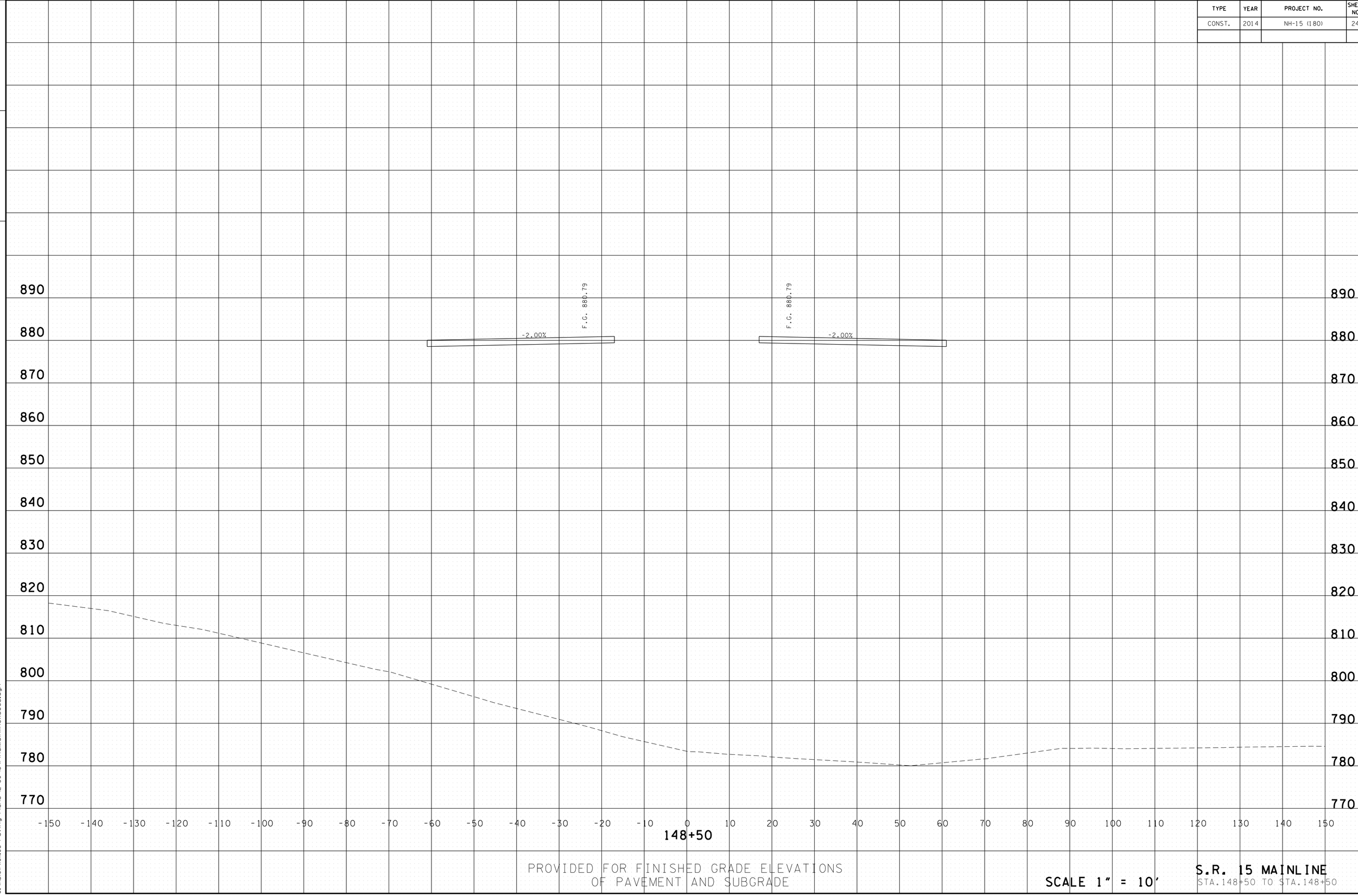
S.R. 15 MAINLINE
STA.148+00 TO STA.148+00

4/30/2014 11:36:07 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	241

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.148+50 TO STA.148+50

4/30/2014 11:36:09 AM
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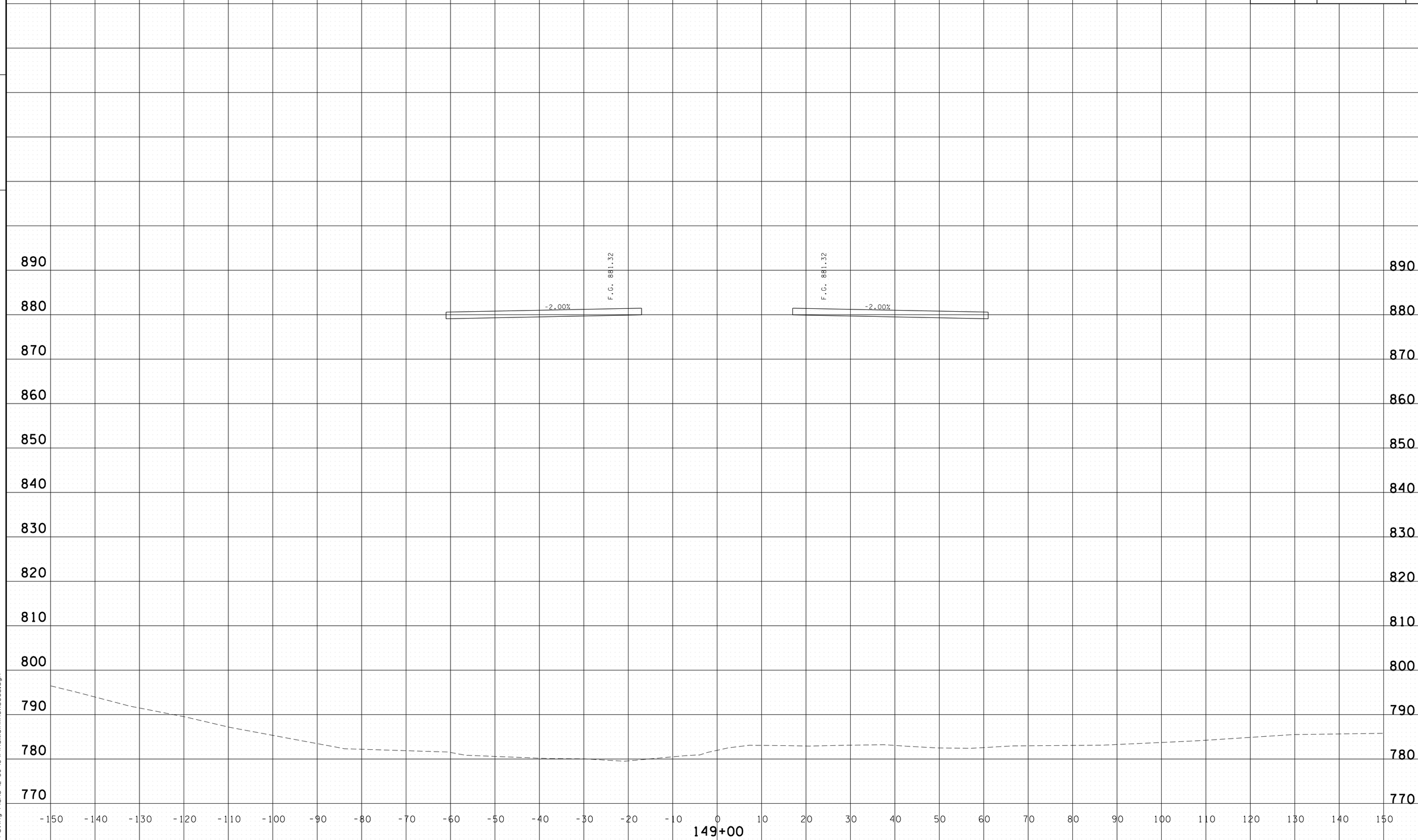
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	242

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

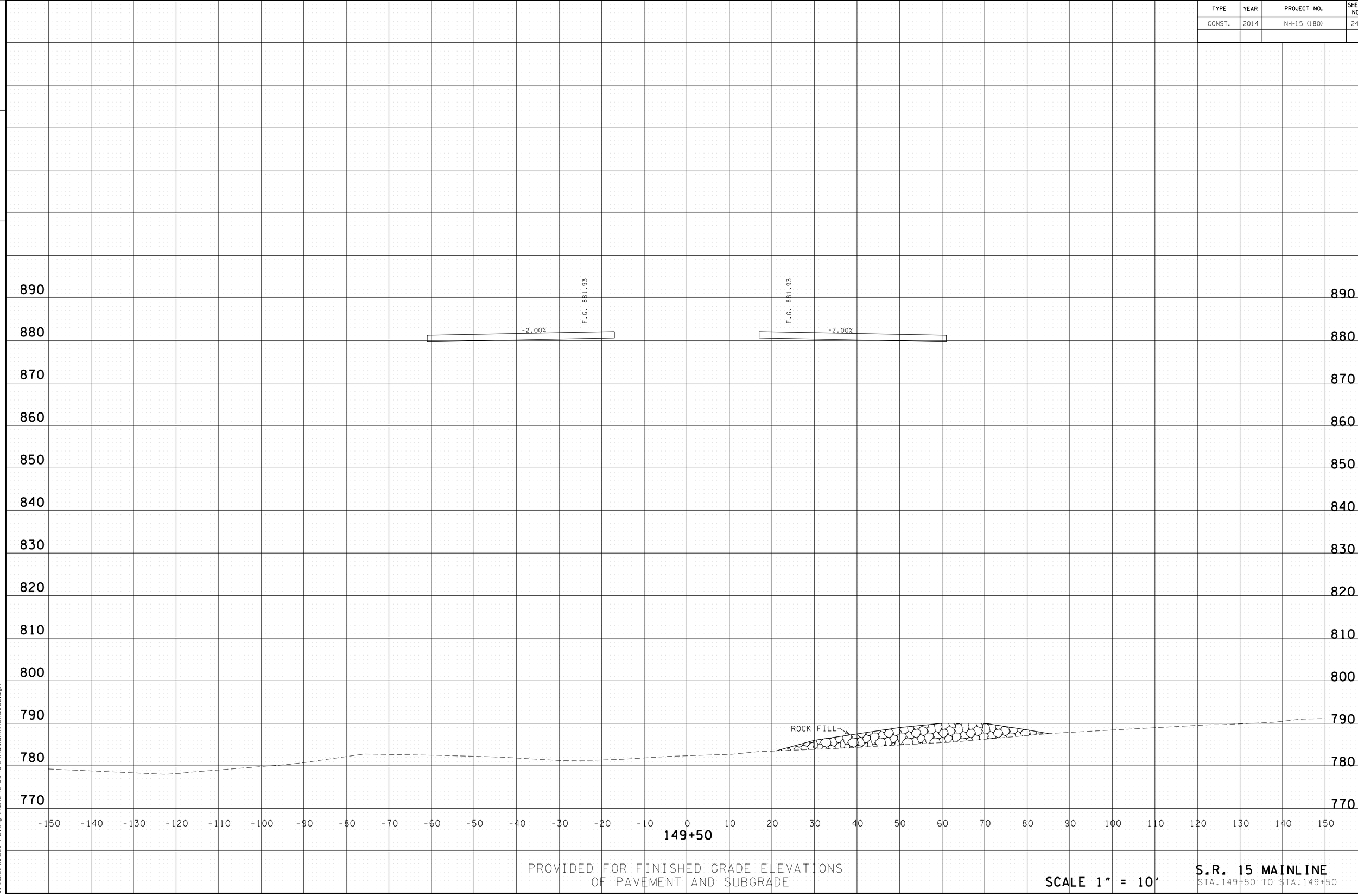
S.R. 15 MAINLINE
STA.149+00 TO STA.149+00

4/30/2014 11:36:11 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	243

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

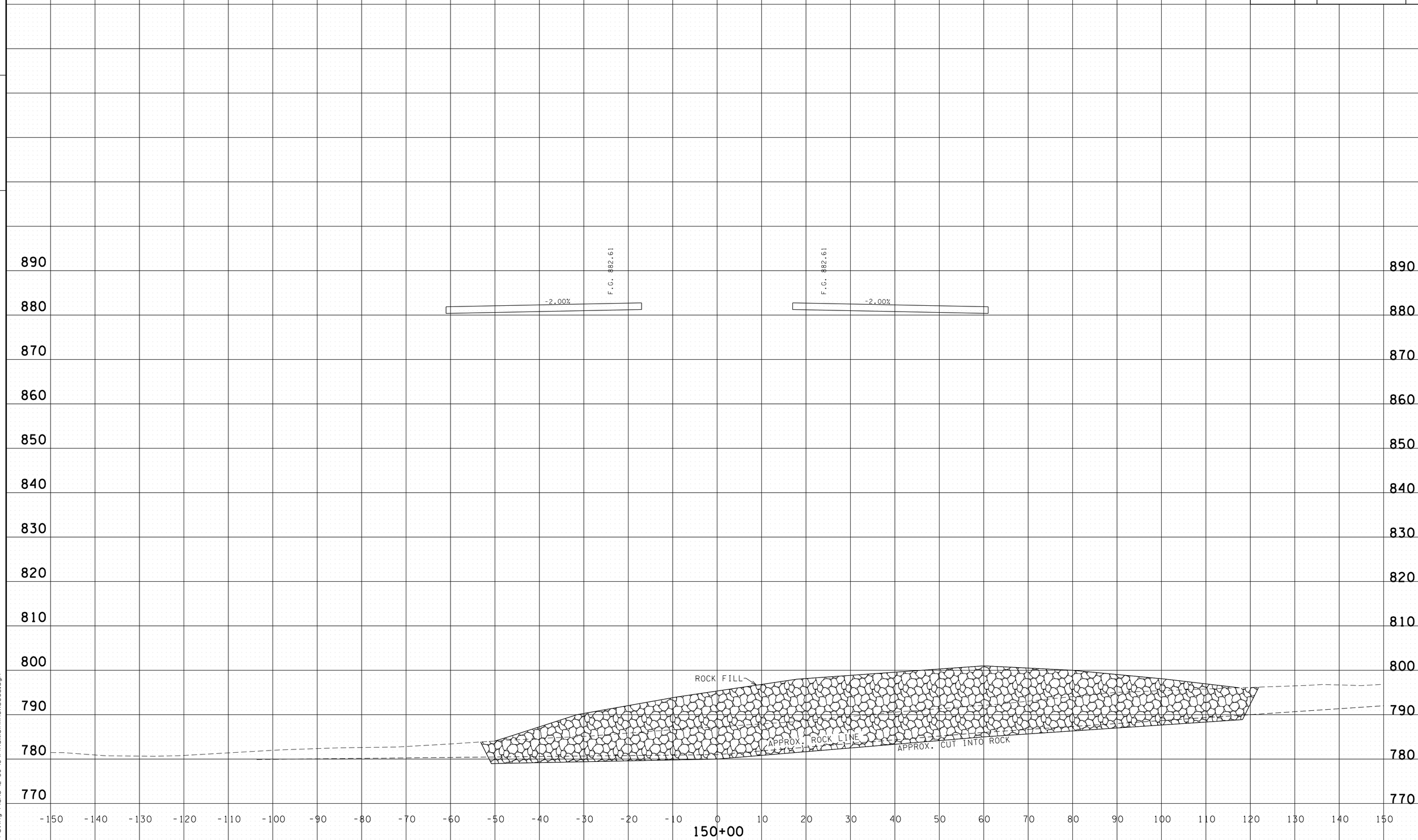
S.R. 15 MAINLINE
STA.149+50 TO STA.149+50

4/30/2014 11:36:12 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	244

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

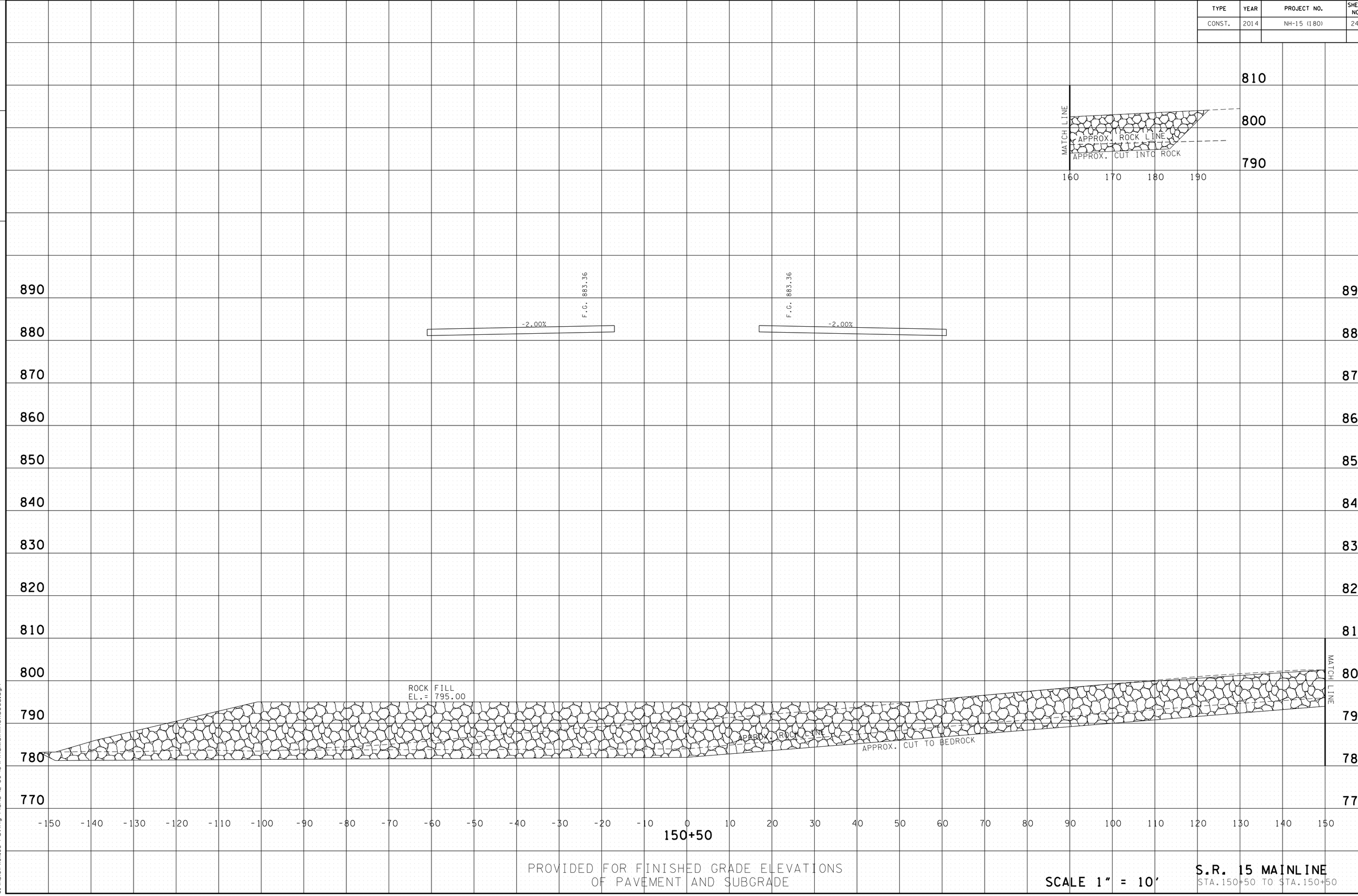
S.R. 15 MAINLINE
STA.150+00 TO STA.150+00

4/30/2014 11:36:14 AM
G:\HQ\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	245

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.150+50 TO STA.150+50

4/30/2014 11:36:16 AM
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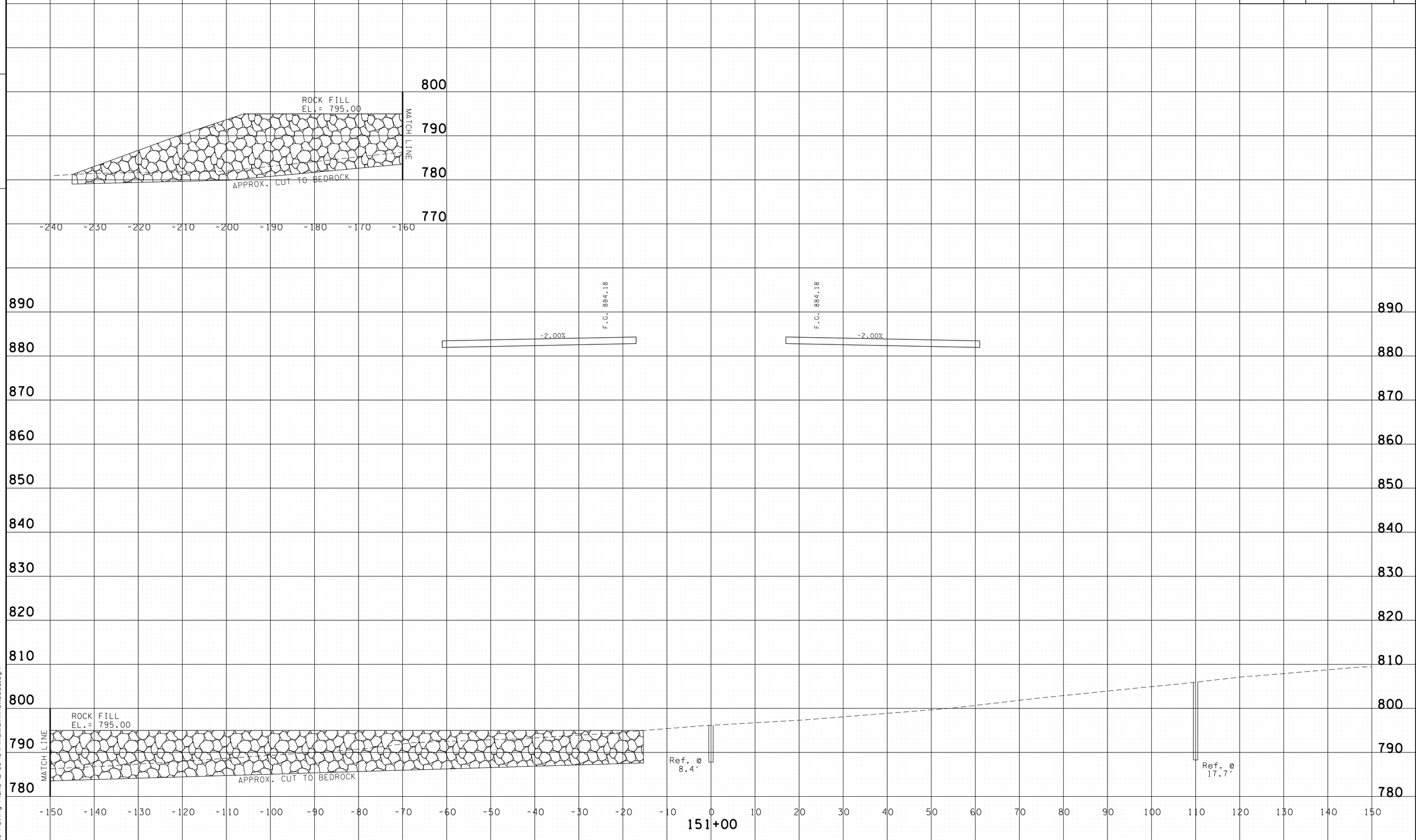
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	246

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

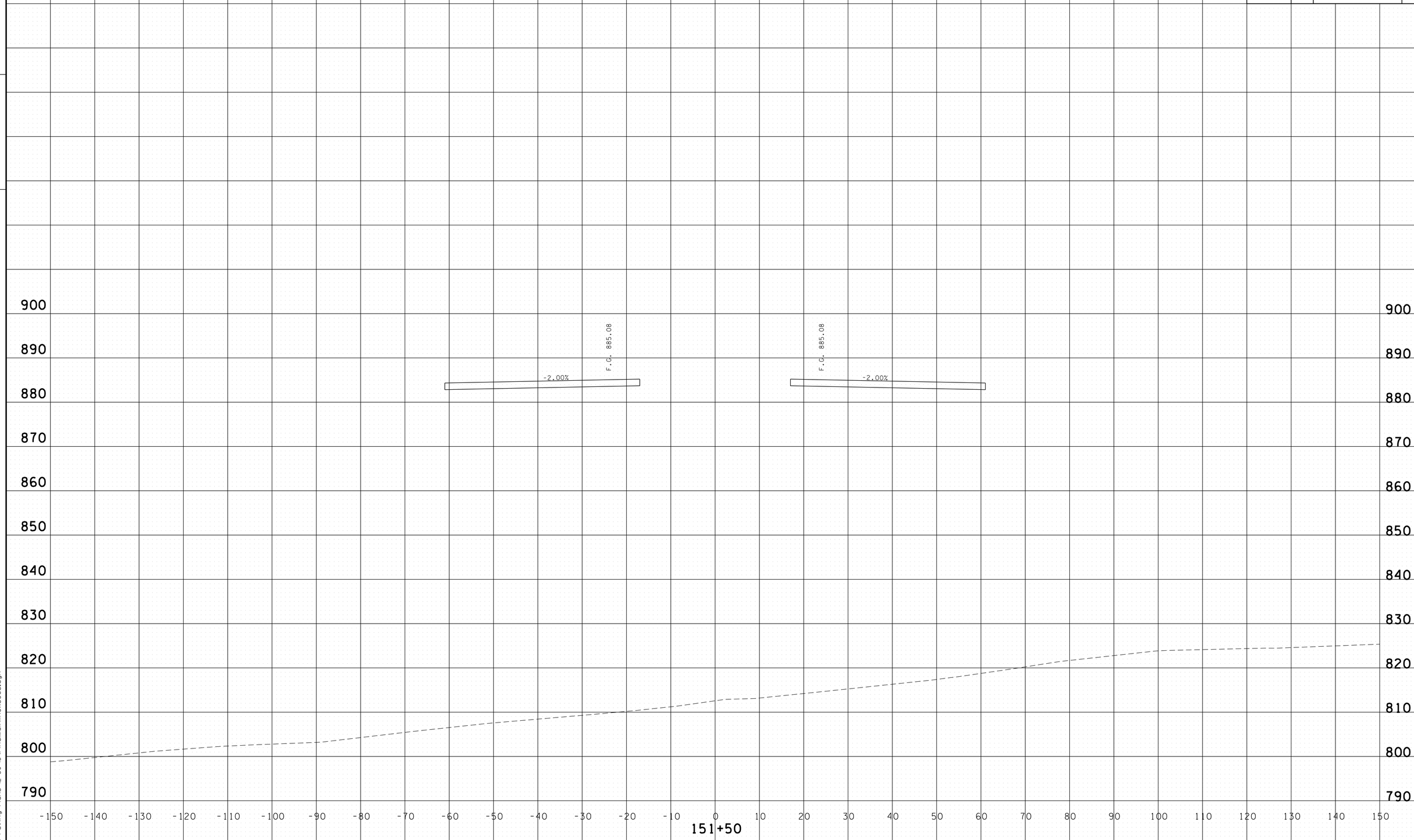
S.R. 15 MAINLINE
STA.151+00 TO STA.151+00

4/30/2014 11:36:18 AM
G:\HQ\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	247

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.151+50 TO STA.151+50

4/30/2014 11:36:19 AM
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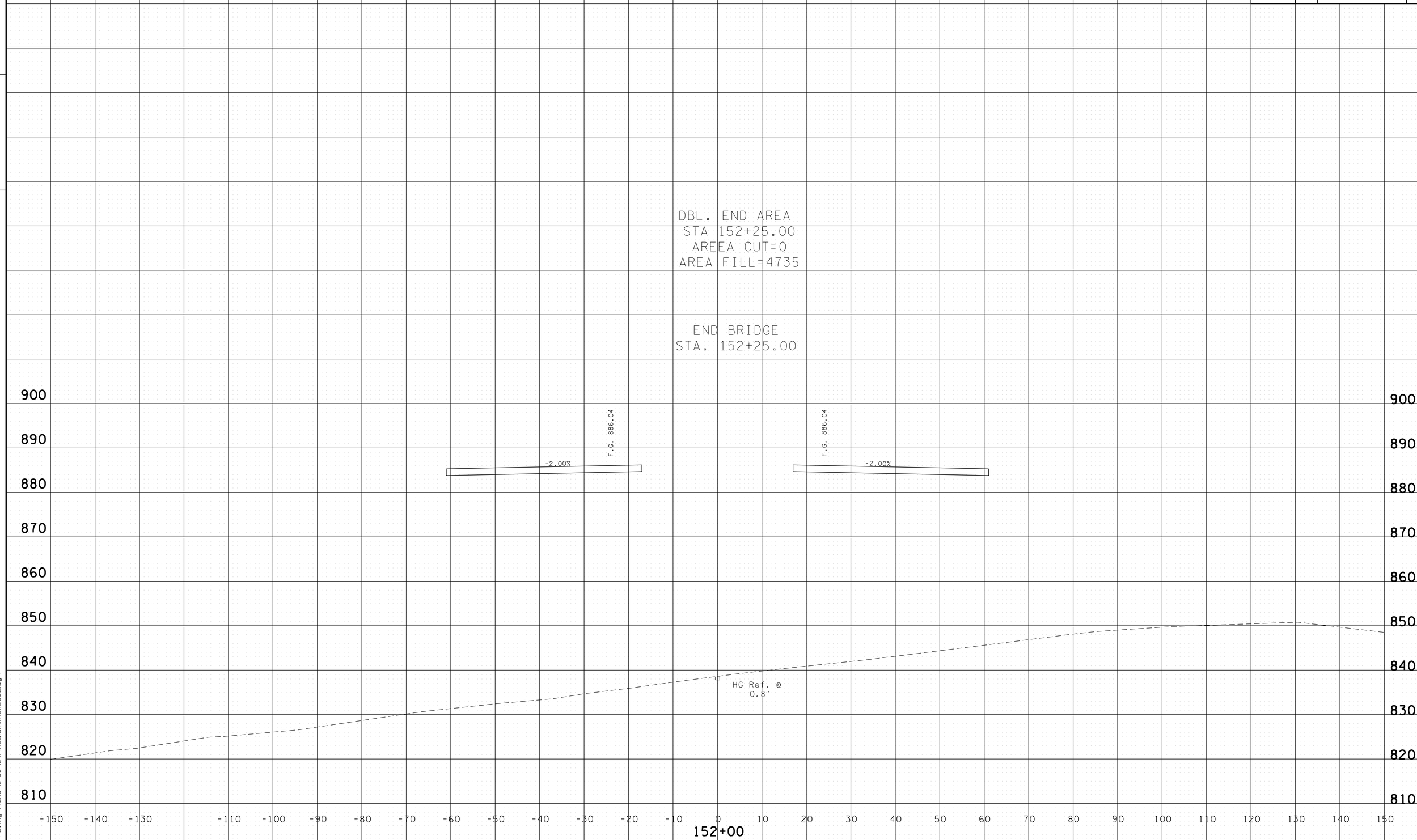
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	248

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.152+00 TO STA.152+00

4/30/2014 11:36:21 AM
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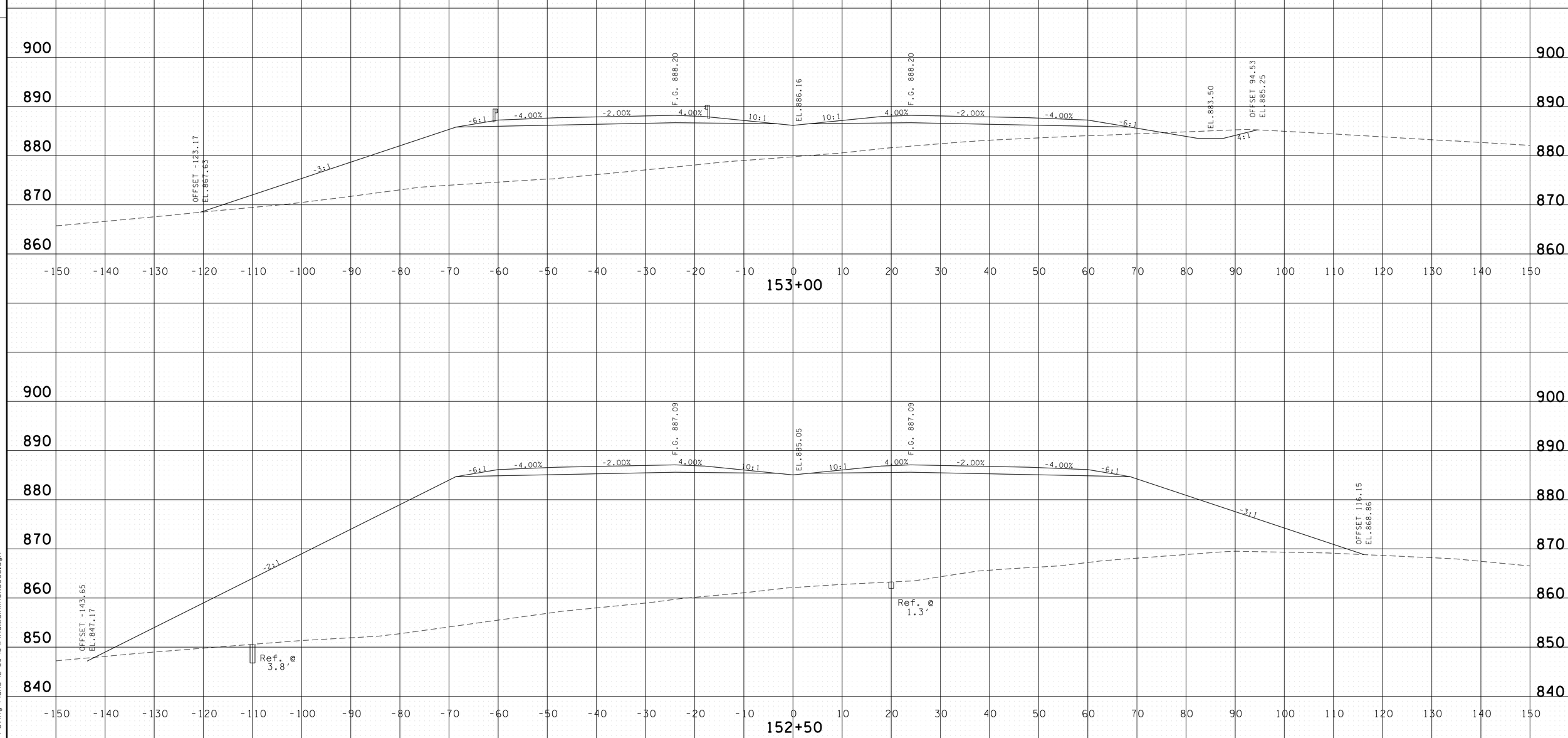
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	249

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

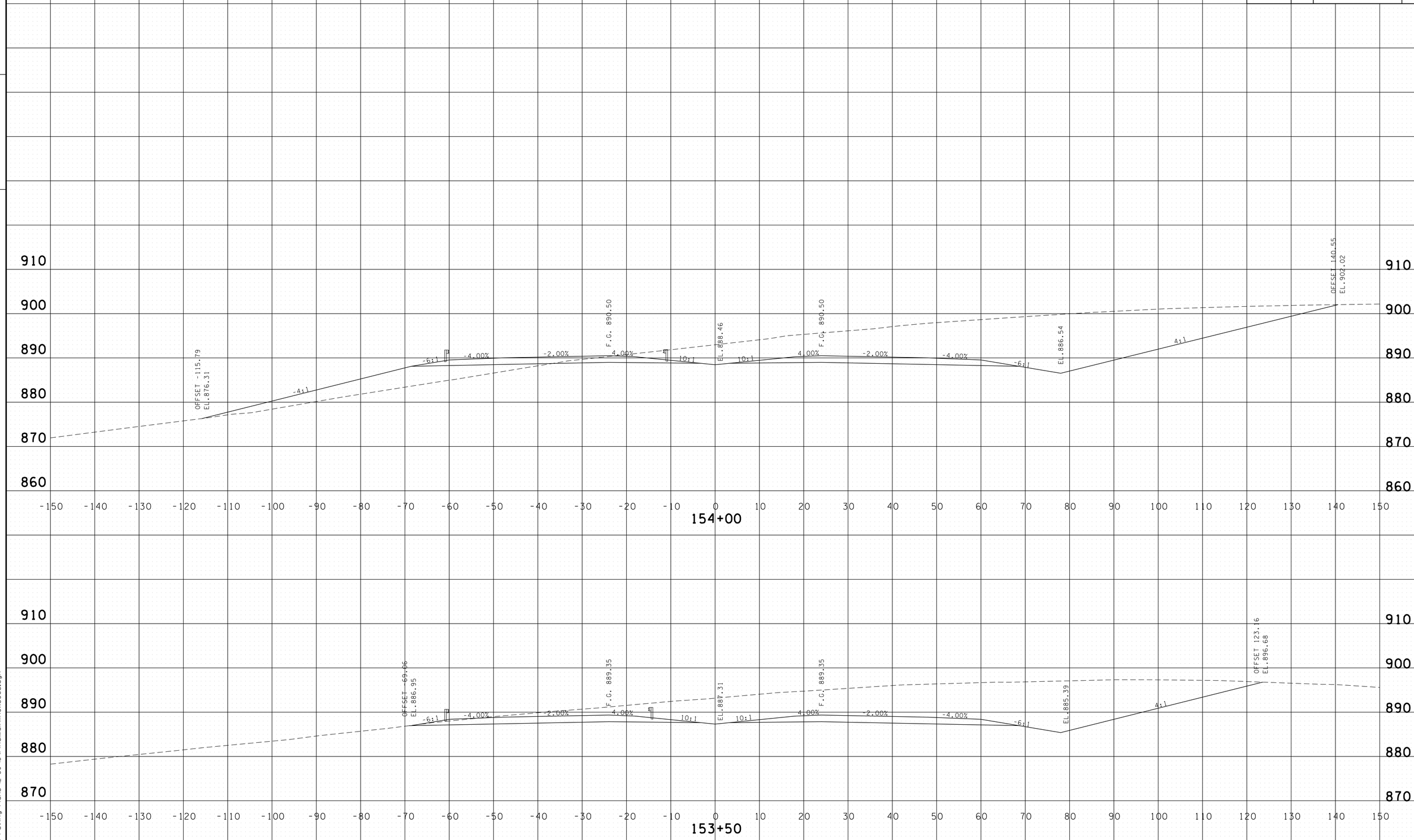
S.R. 15 MAINLINE
STA.152+50 TO STA.153+00

4/30/2014 11:36:23 AM
G:\HD\DIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	250

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.153+50 TO STA.154+00

4/30/2014 11:36:24 AM
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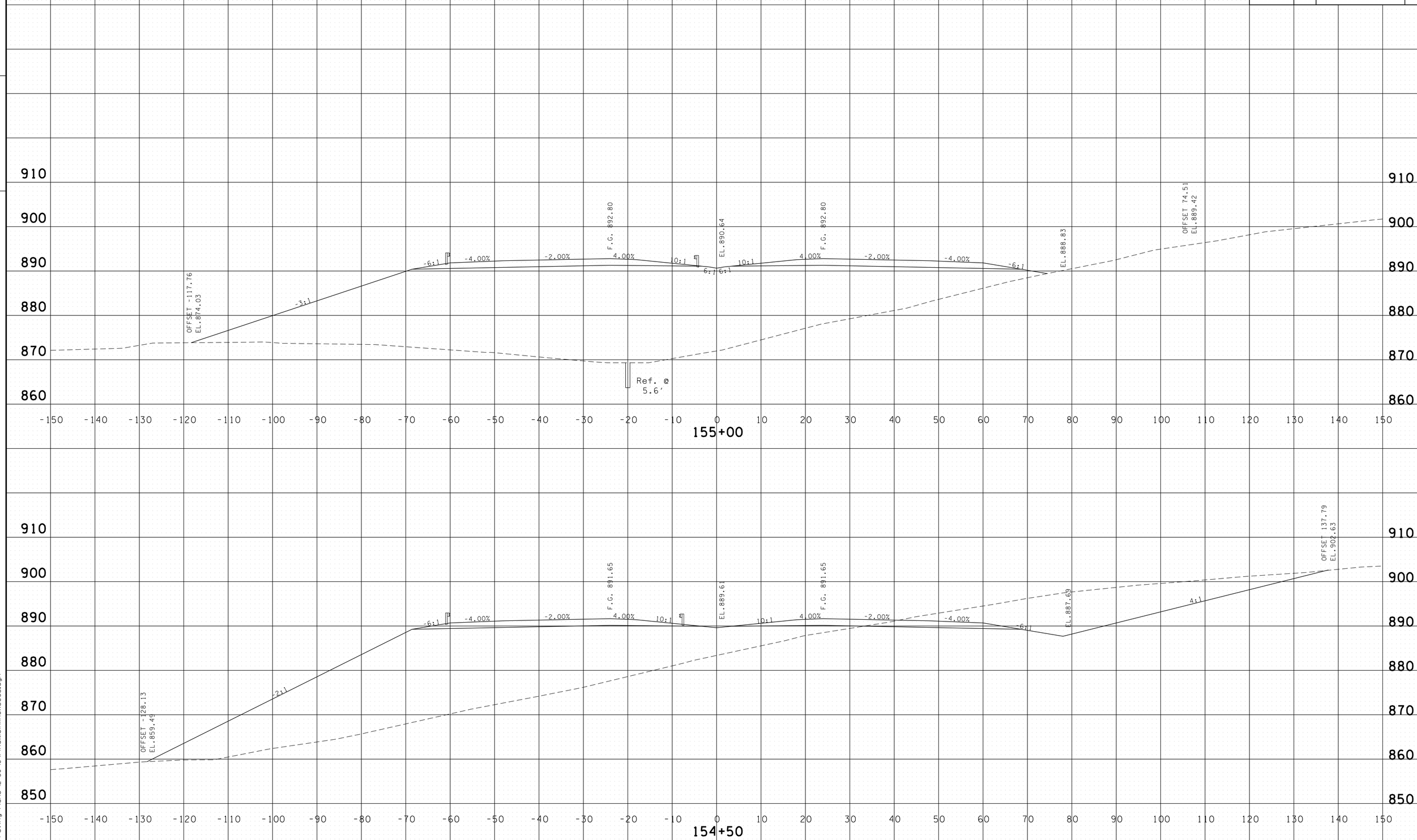
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	251

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.154+50 TO STA.155+00

4/30/2014 11:36:26 AM
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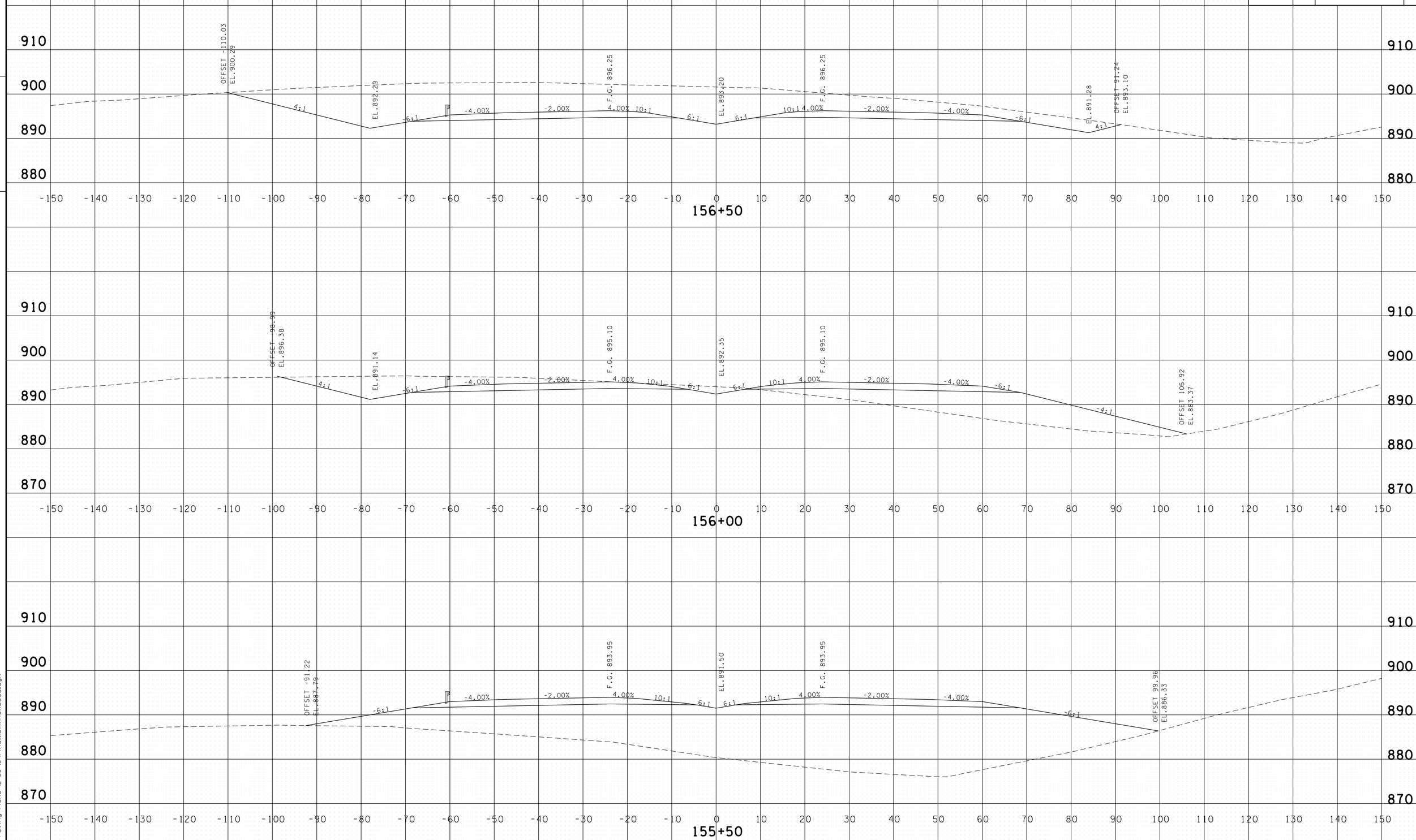
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	252

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.155+50 TO STA.156+50

4/30/2014 11:36:28 AM
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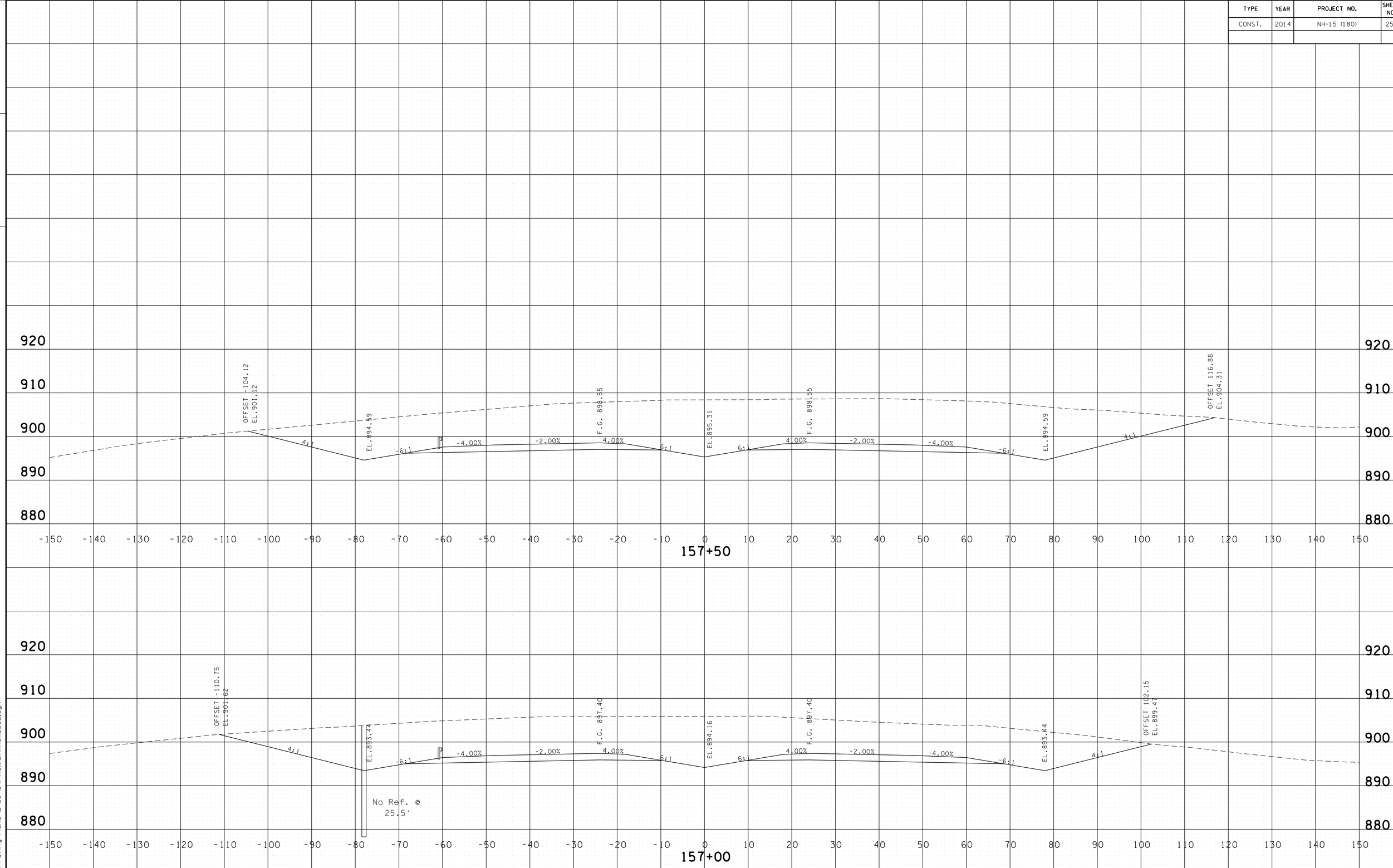
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	253

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.157+00 TO STA.157+50

4/30/2014 11:36:29 AM
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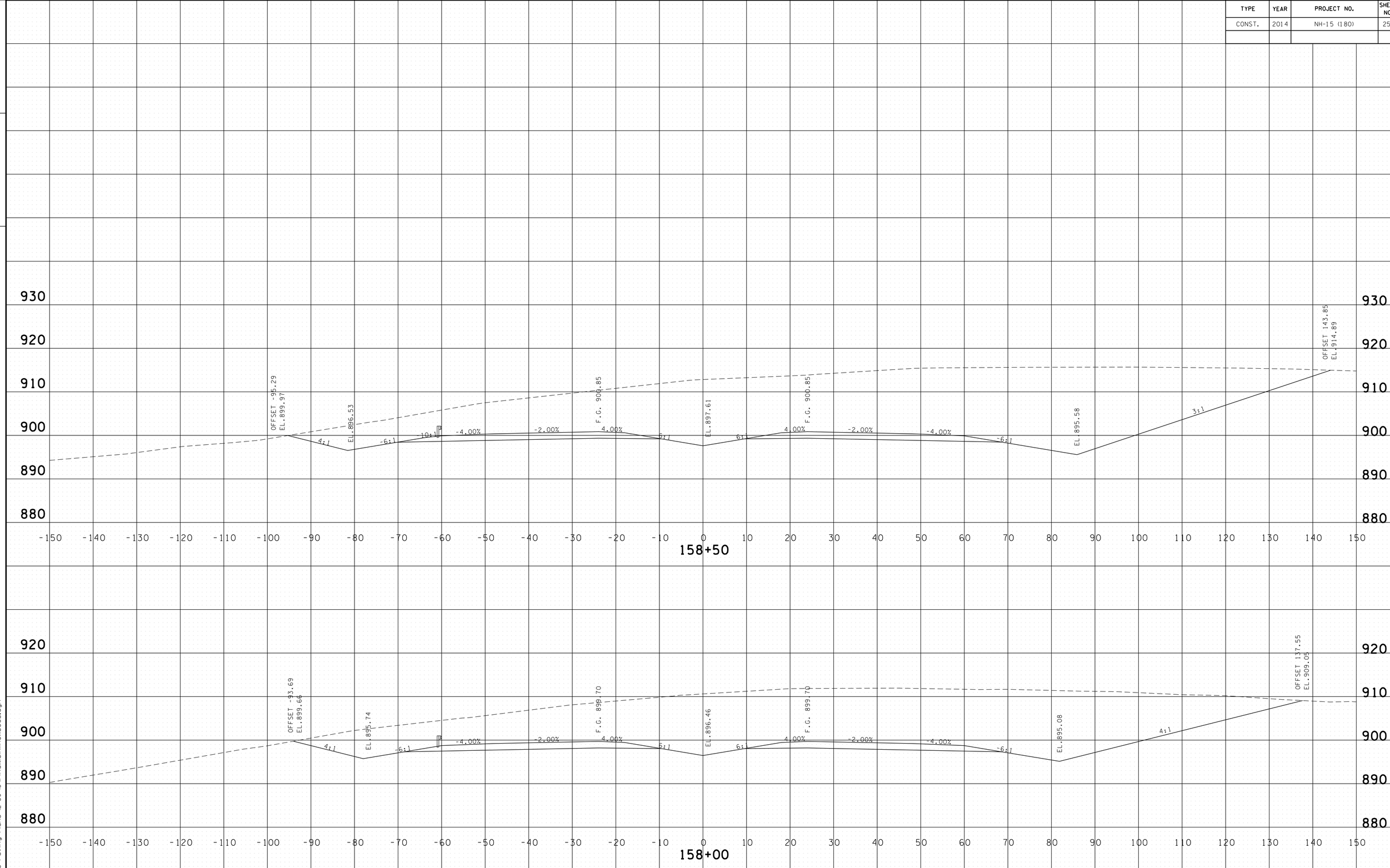
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	254

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.158+00 TO STA.158+50

4/30/2014 11:36:31 AM
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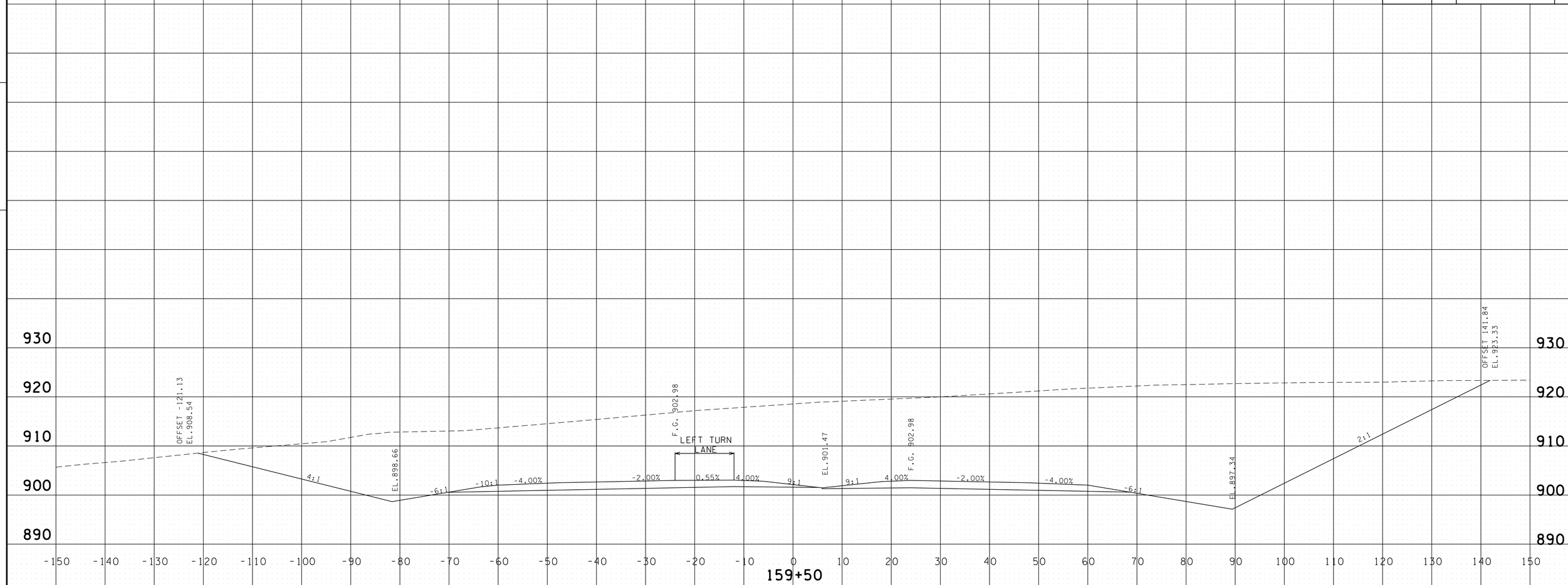
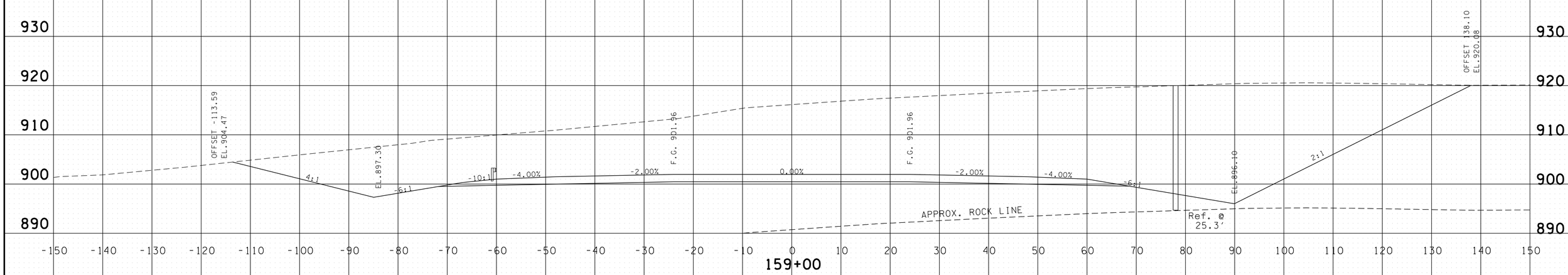
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	255

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.159+00 TO STA.159+50

4/30/2014 11:36:33 AM
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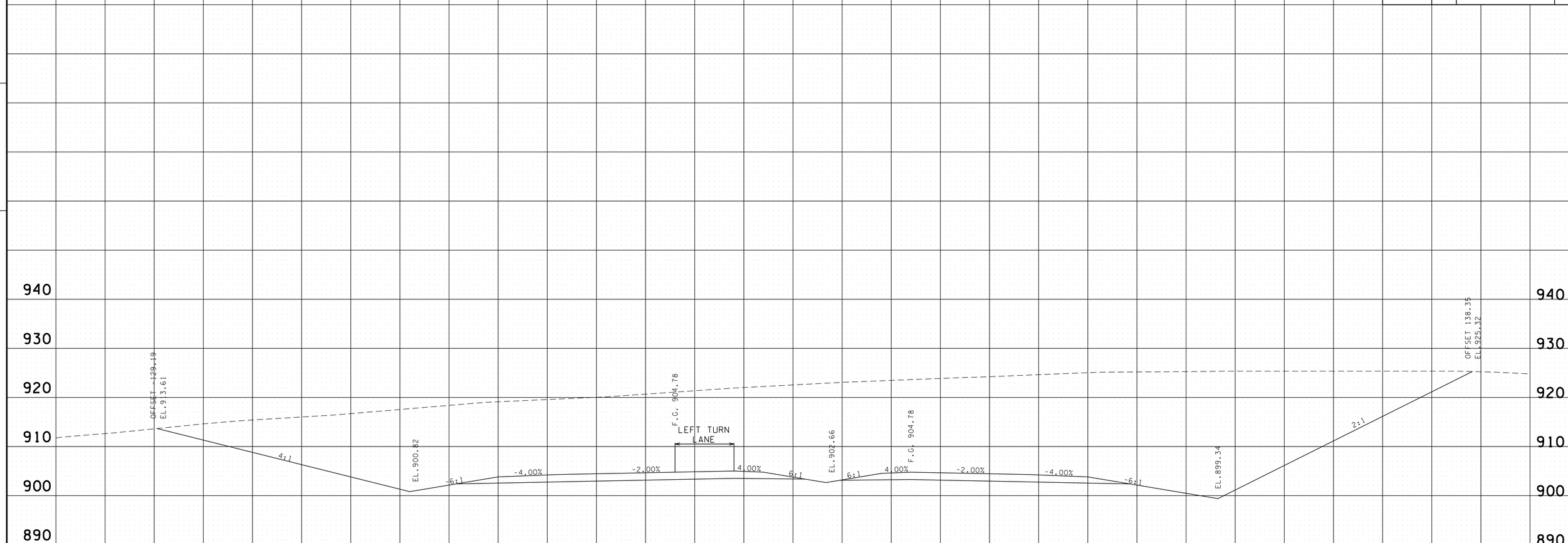
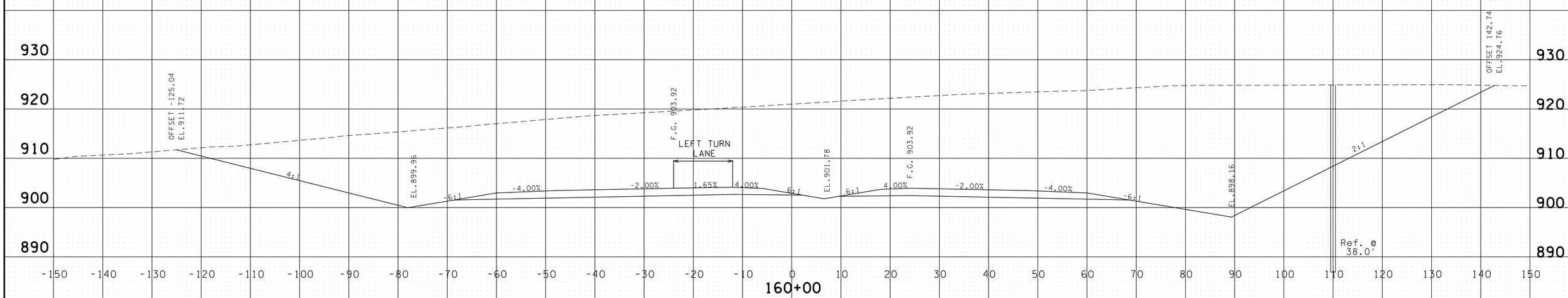
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	256

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.160+00 TO STA.160+50

4/30/2014 11:36:35 AM
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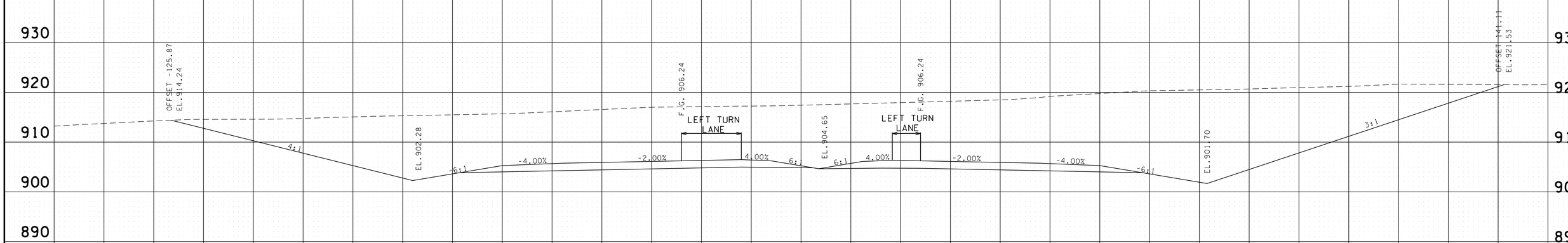
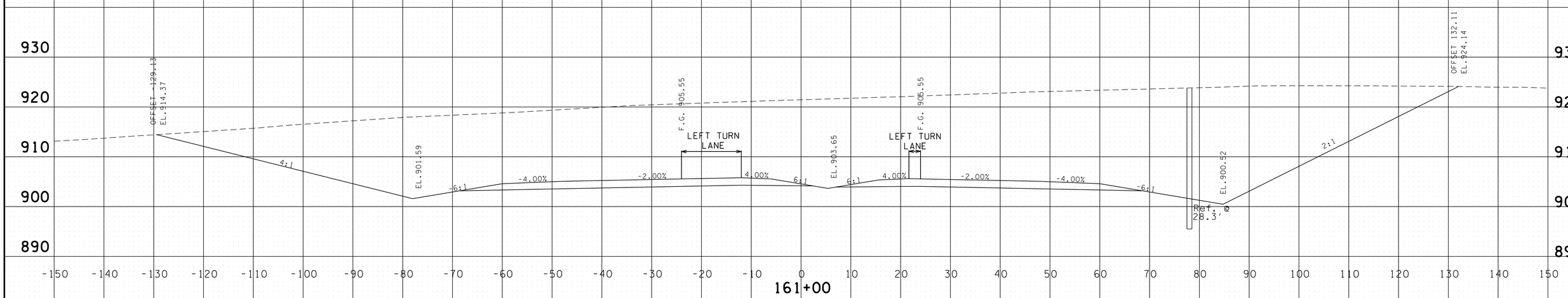
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	257

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.161+00 TO STA.161+50

4/30/2014 11:36:36 AM
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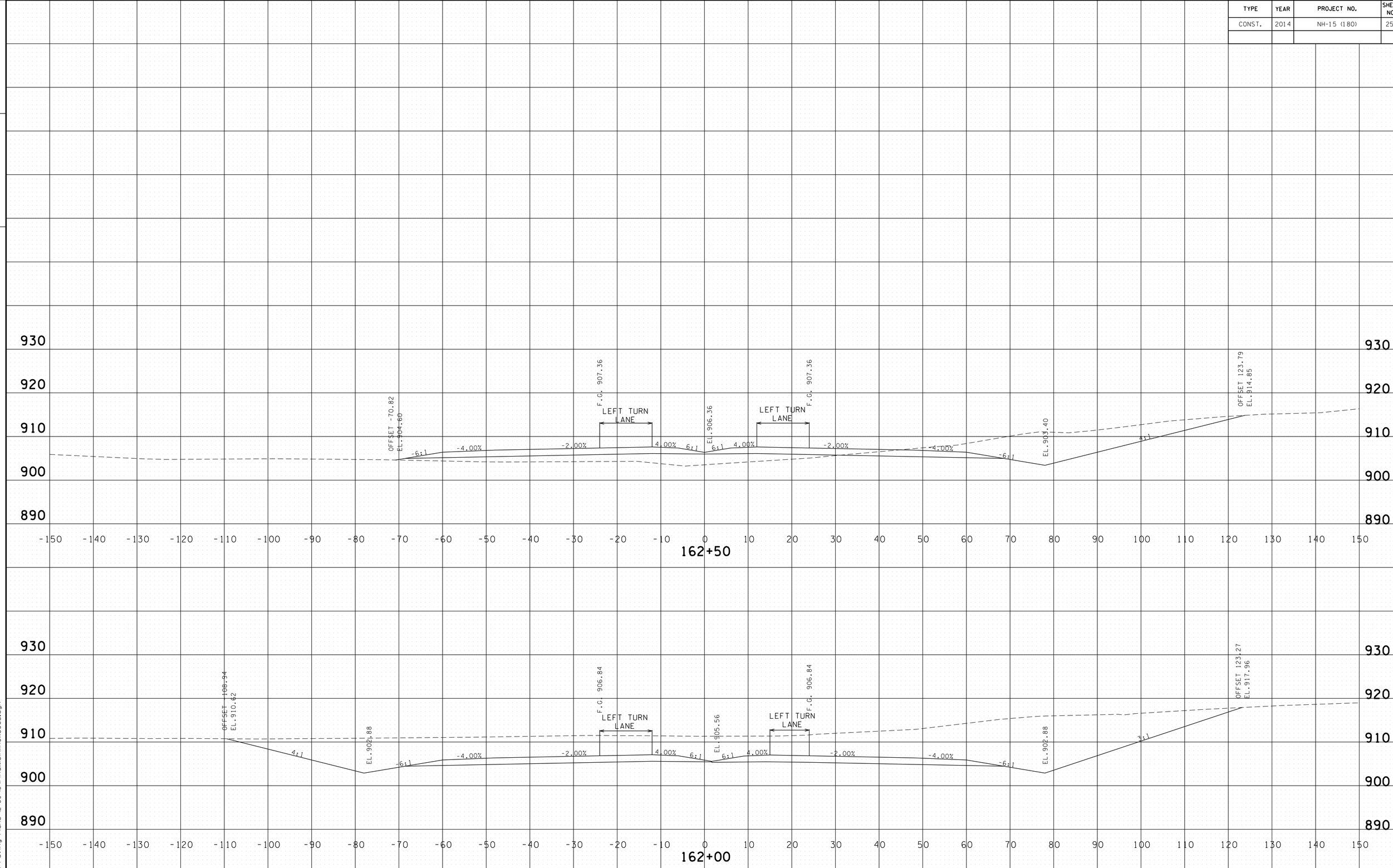
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	258

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

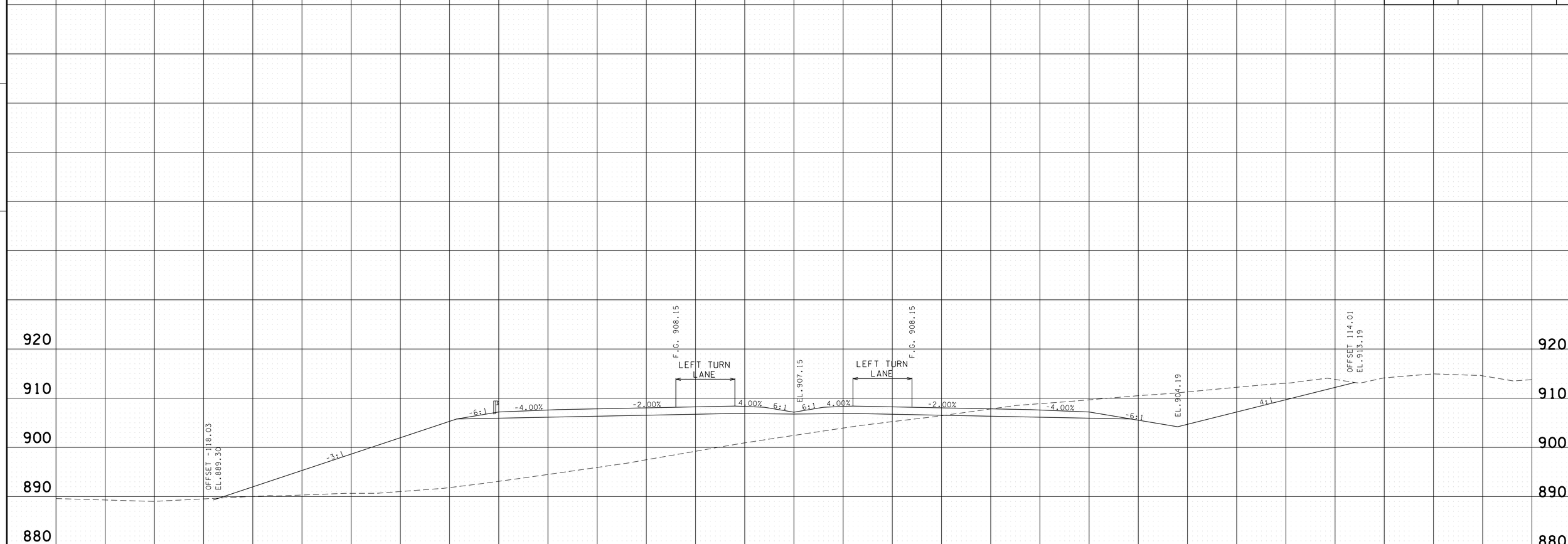
S.R. 15 MAINLINE
STA.162+00 TO STA.162+50

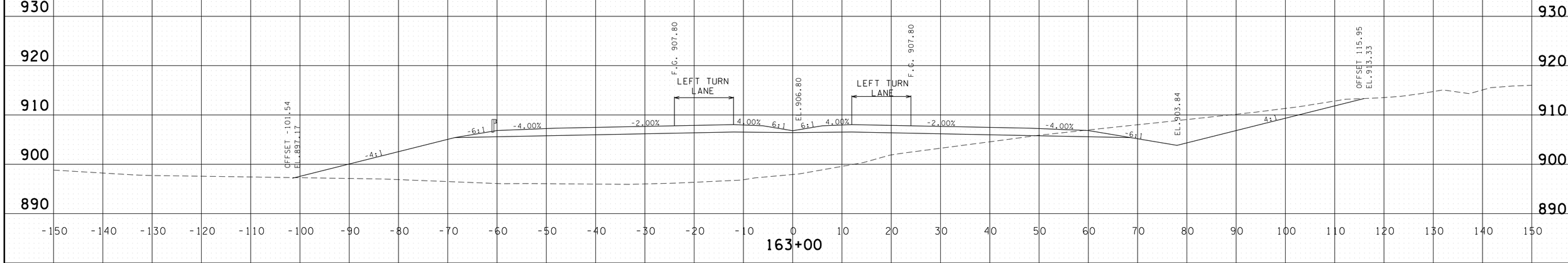
4/30/2014 11:36:38 AM
G:\HQ\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	259

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

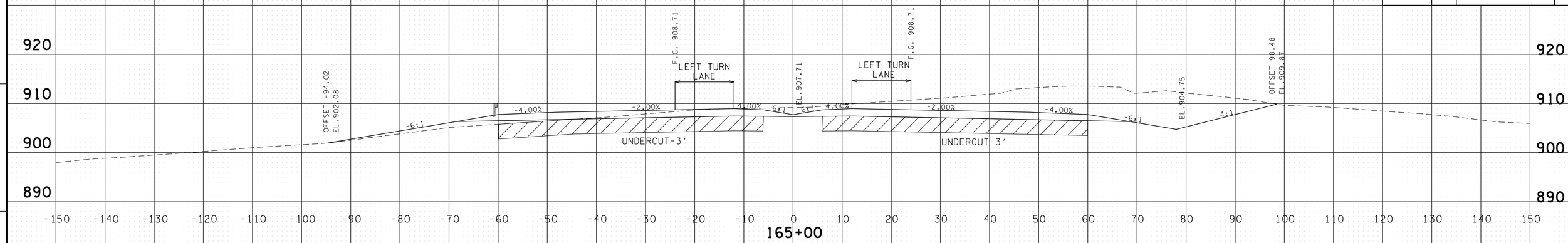
S.R. 15 MAINLINE
STA.163+00 TO STA.163+50

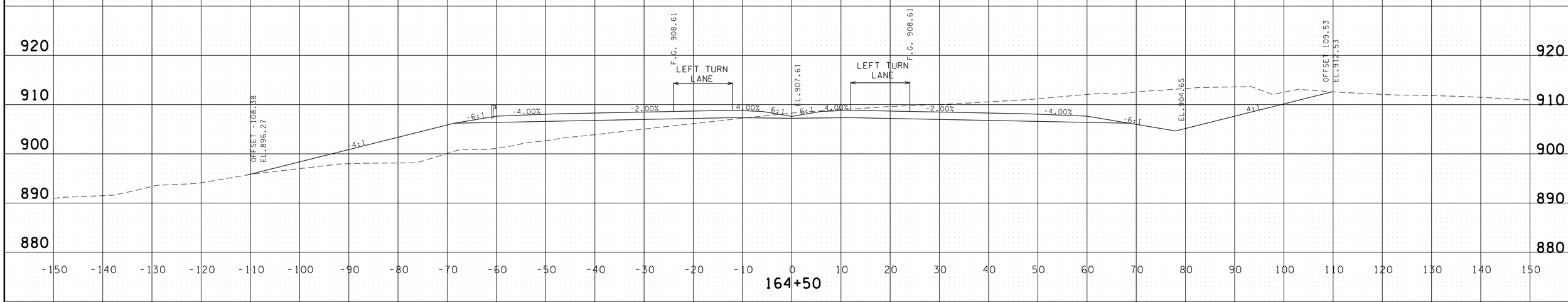
4/30/2014 11:36:40 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

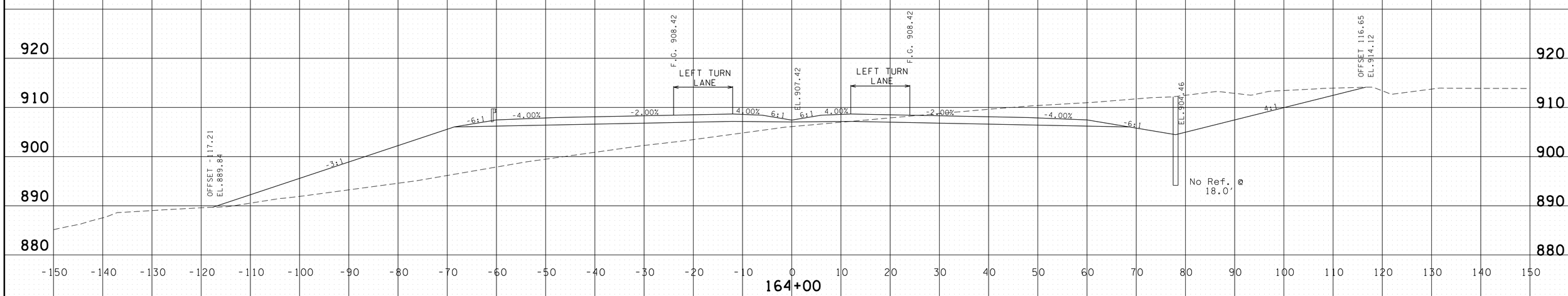
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	260

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.164+00 TO STA.165+00

4/30/2014 11:36:41 AM
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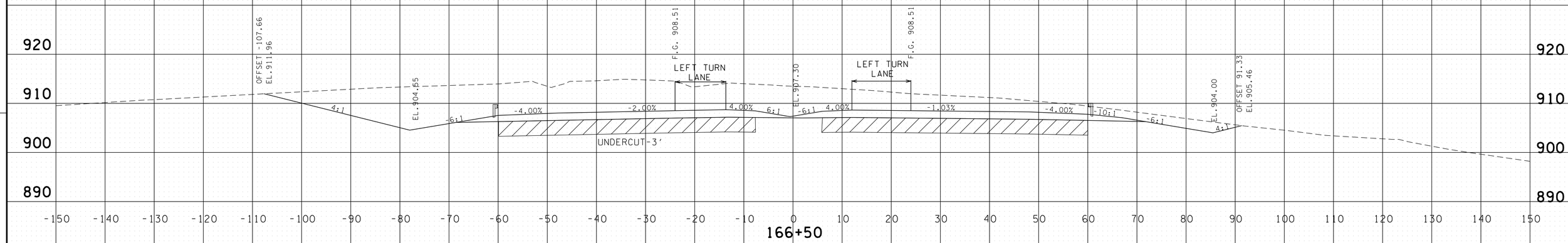
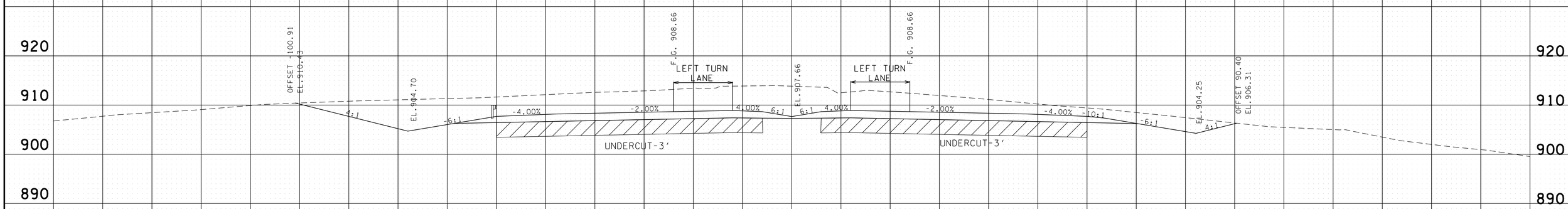
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	261

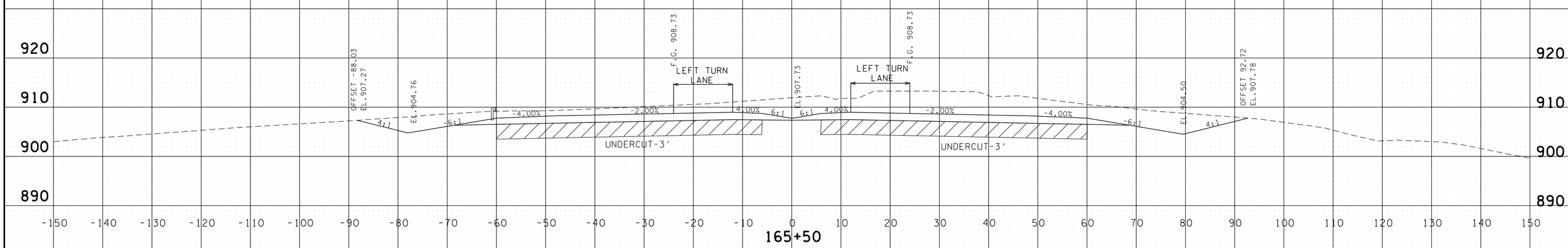
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN S.E. TRANSITION
STA. 166+05.77





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.165+50 TO STA.166+50

4/30/2014 11:36:43 AM
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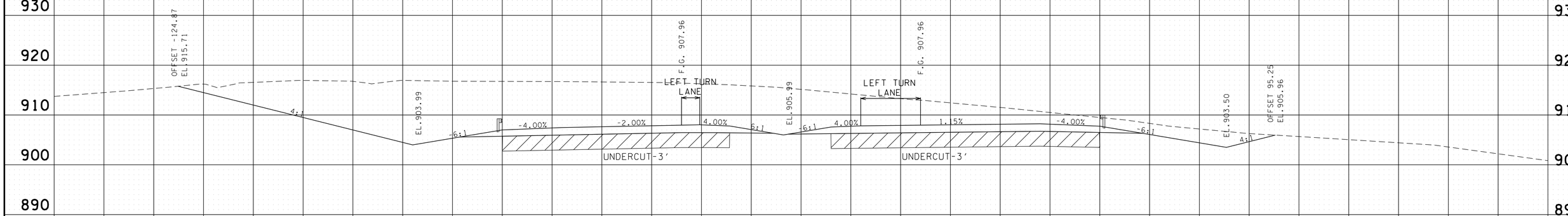
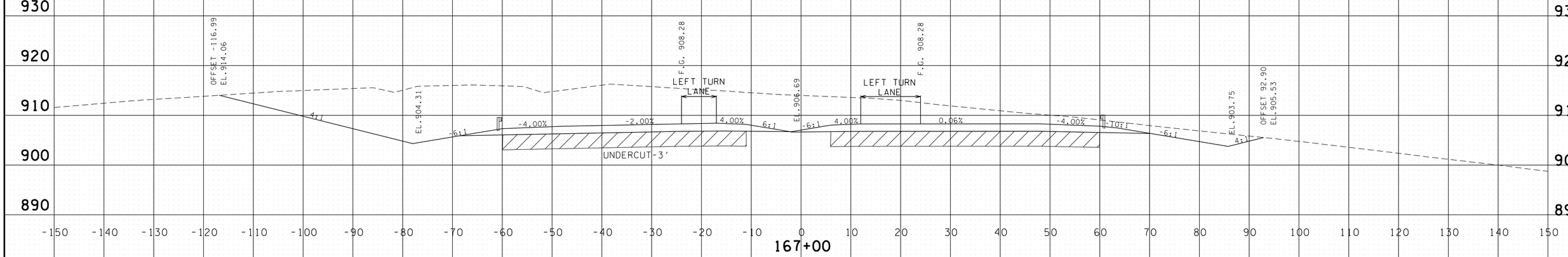
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	262

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.167+00 TO STA.167+50

4/30/2014 11:36:45 AM
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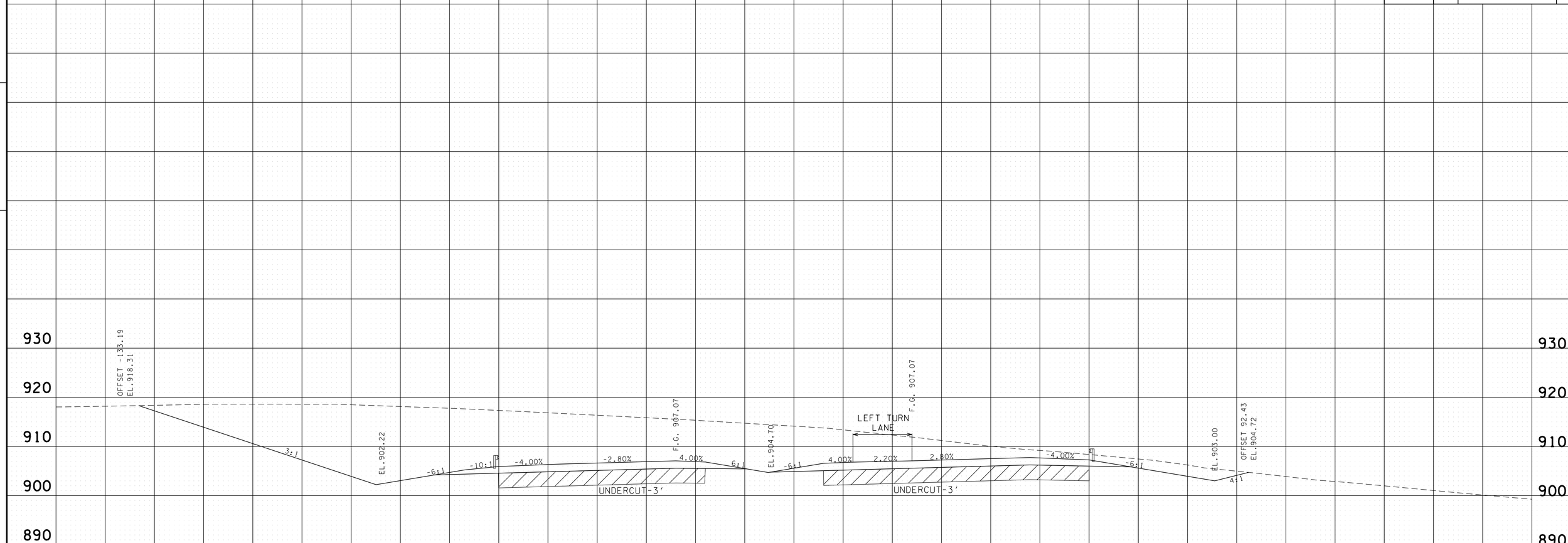
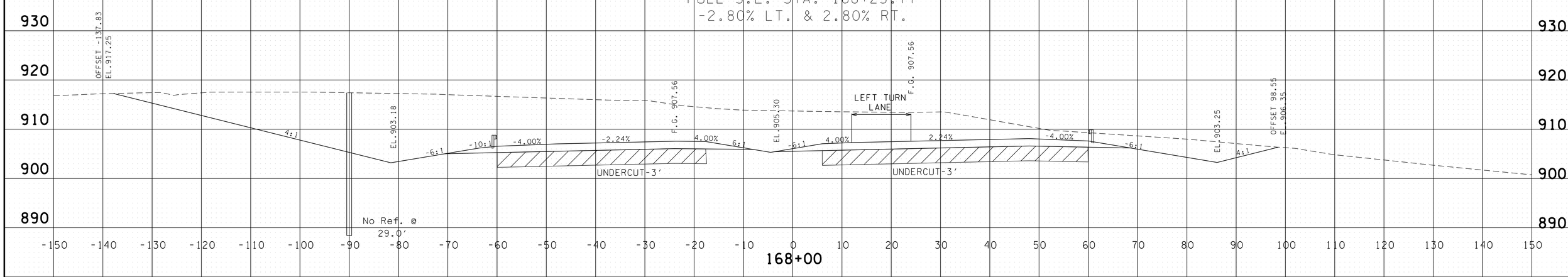
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	263

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 168+25.77
-2.80% LT. & 2.80% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.168+00 TO STA.168+50

4/30/2014 11:36:47 AM
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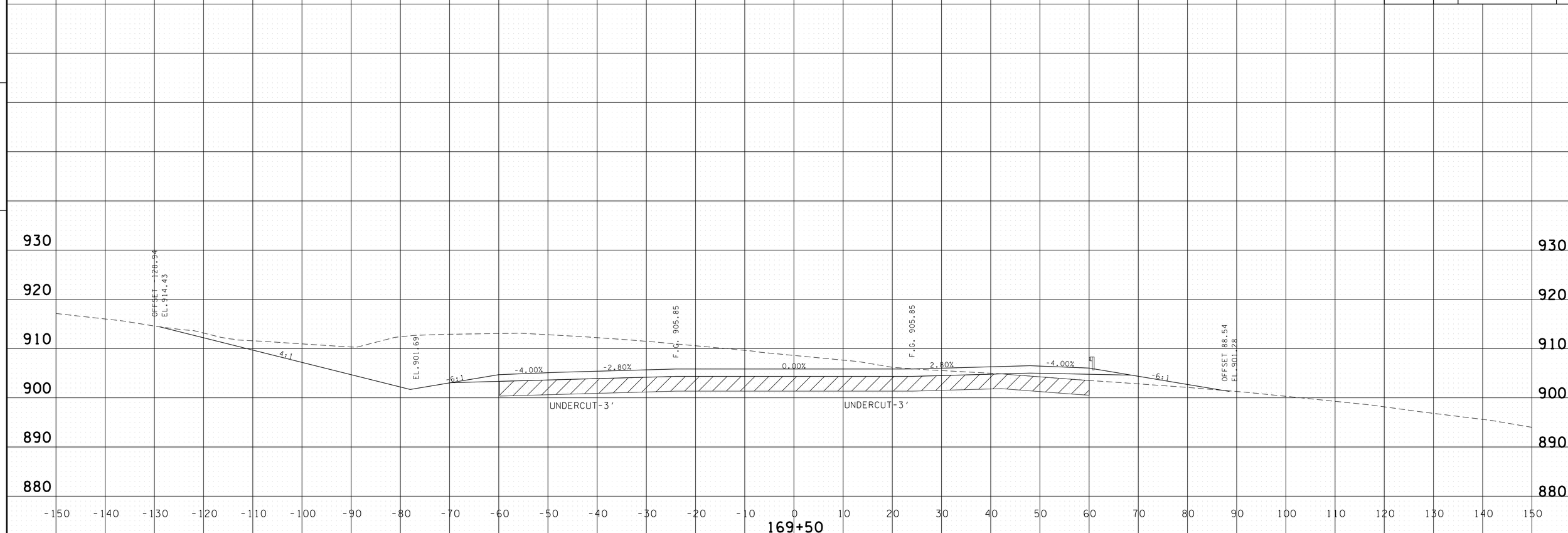
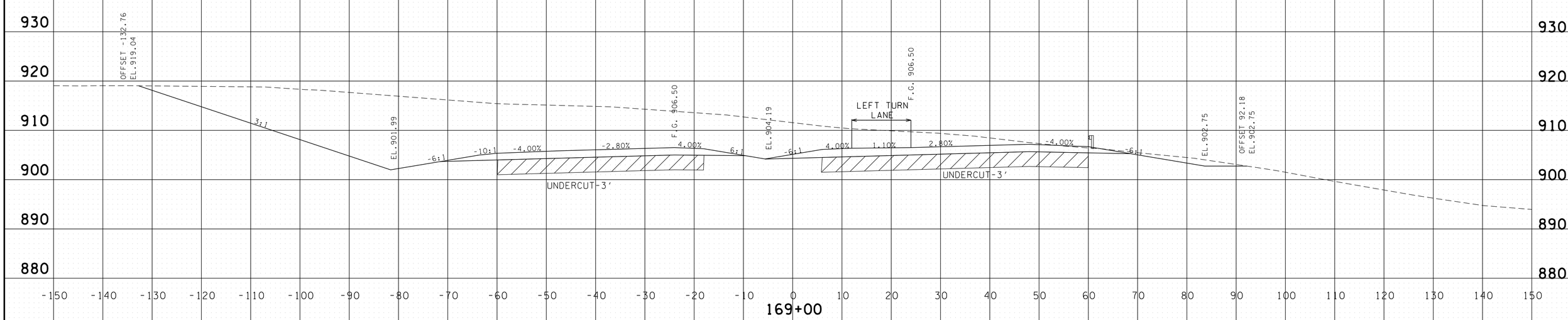
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	264

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.169+00 TO STA.169+50

4/30/2014 11:36:48 AM
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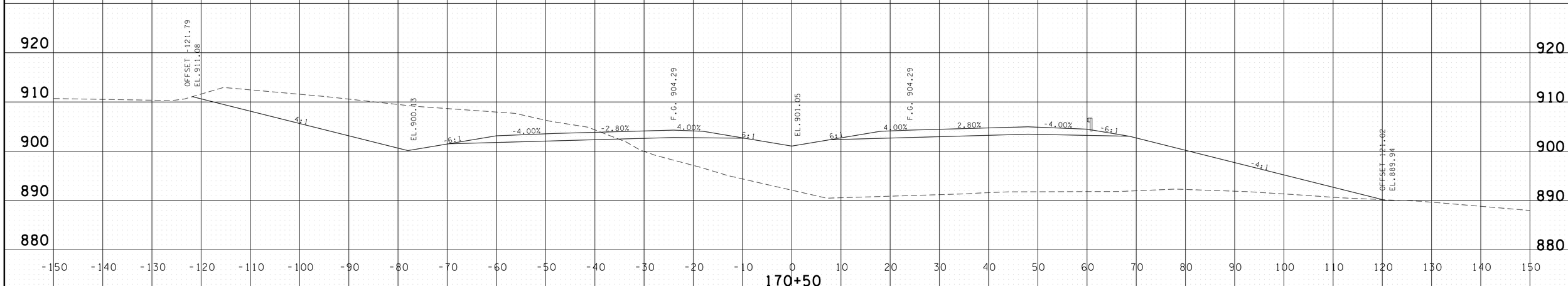
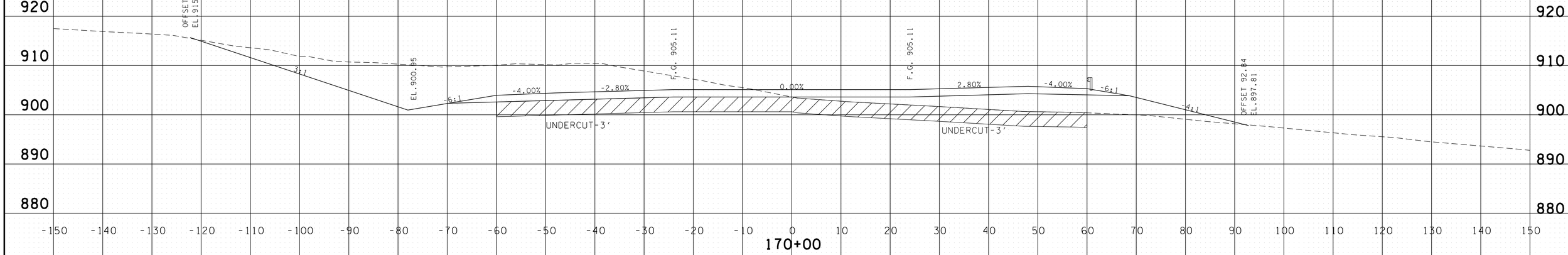
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	265

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.170+00 TO STA.170+50

4/30/2014 11:36:50 AM
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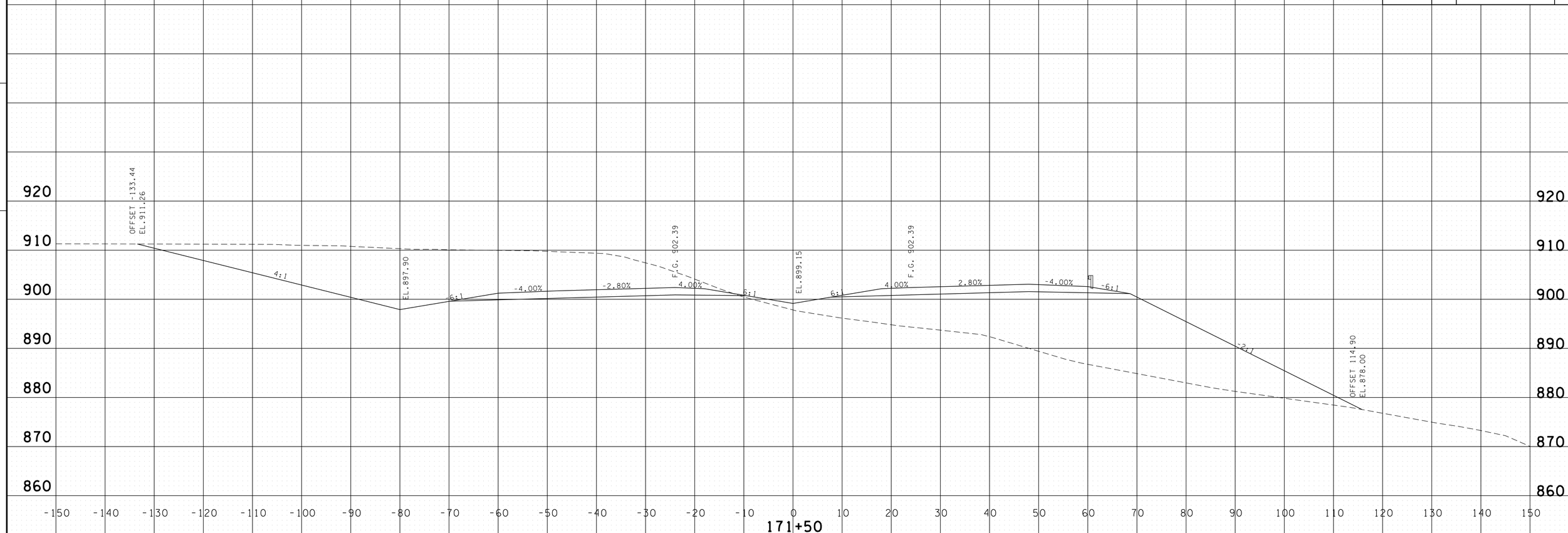
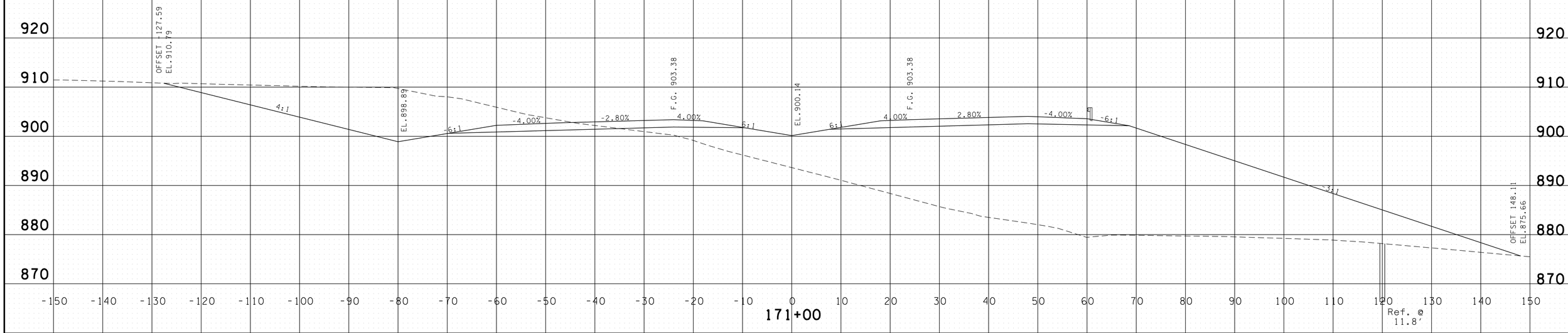
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	266

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.171+00 TO STA.171+50

4/30/2014 11:36:52 AM
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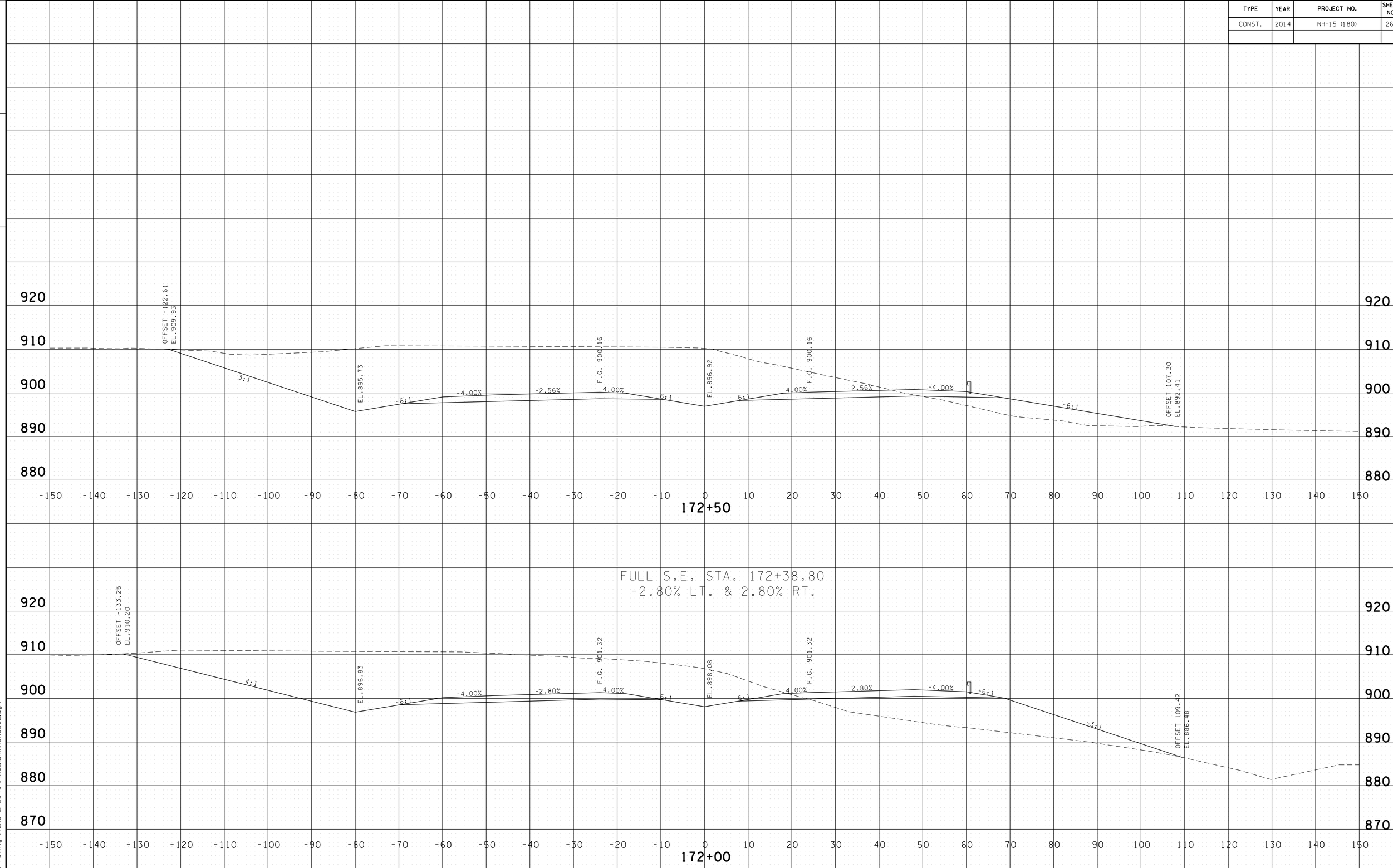
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	267

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.172+00 TO STA.172+50

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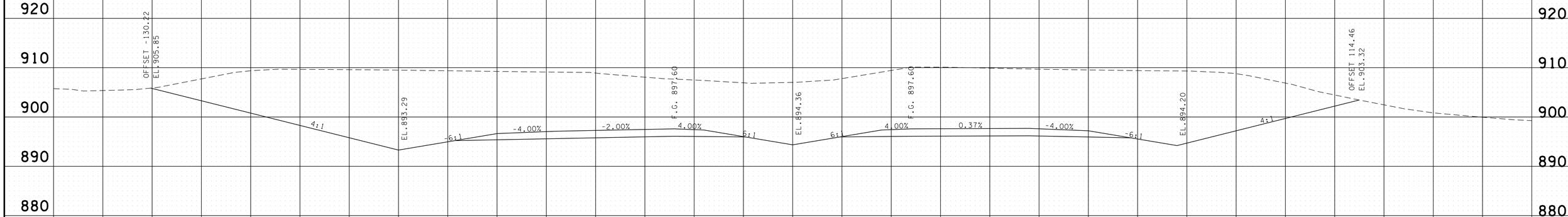
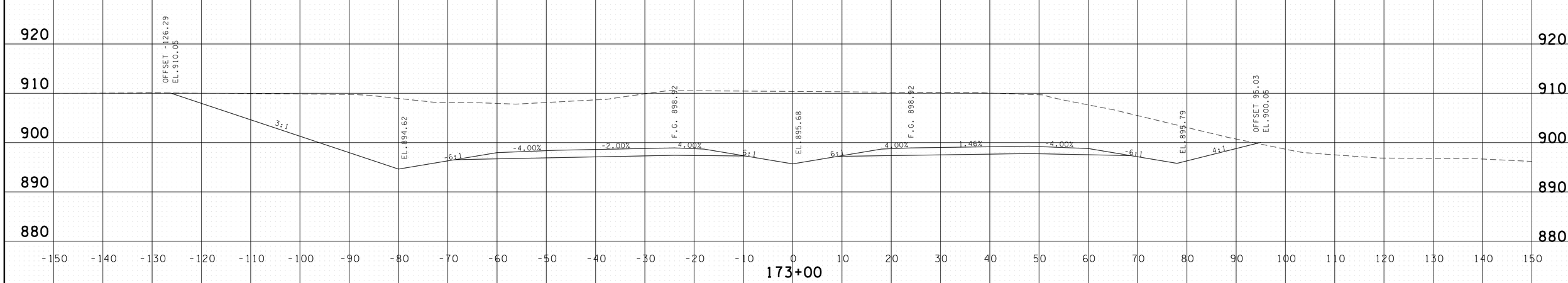
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	268

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.173+00 TO STA.173+50

4/30/2014 11:36:55 AM
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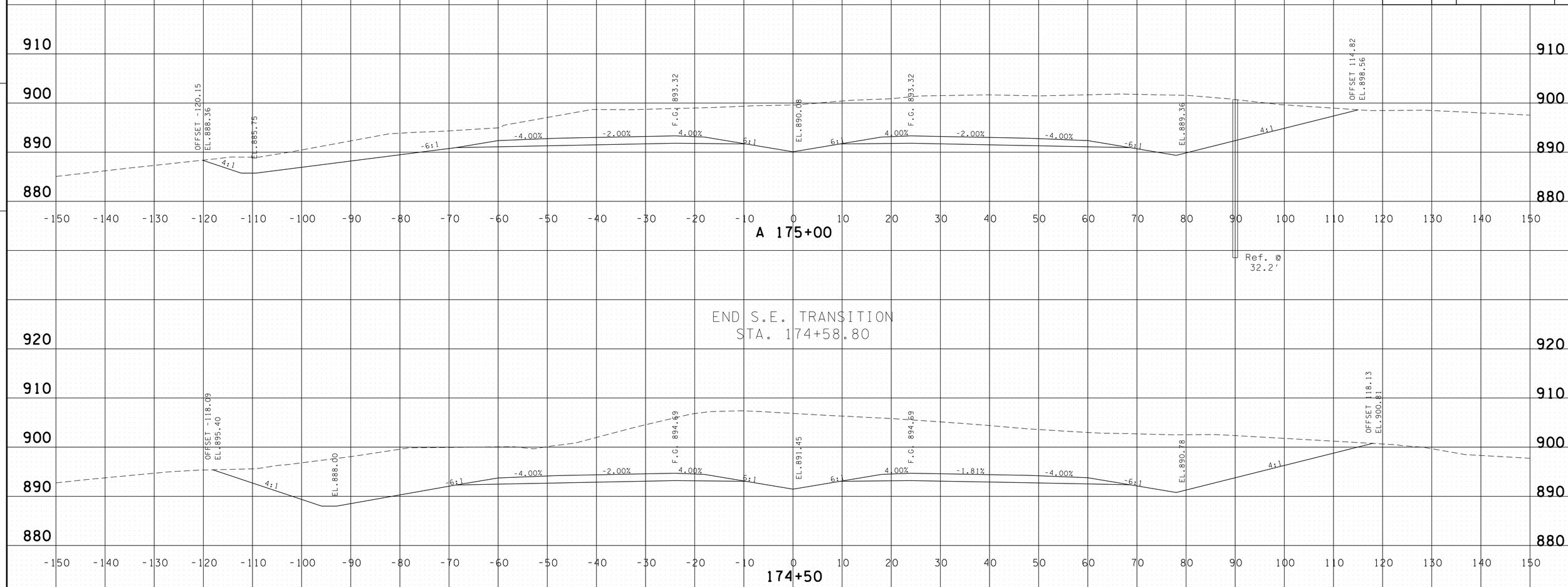
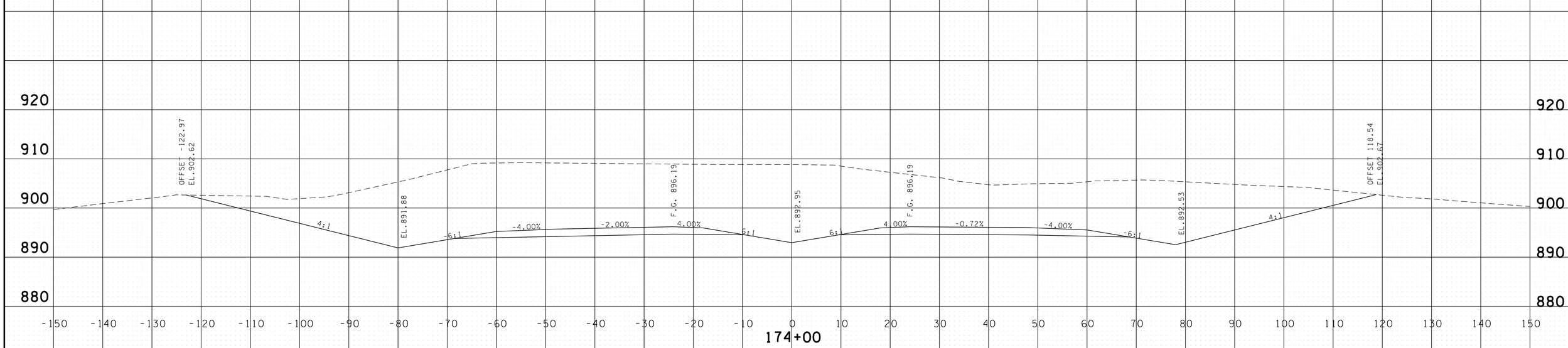
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	269

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



END S.E. TRANSITION
STA. 174+58.80



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.174+00 TO STA.A 175+00

4/30/2014 11:36:57 AM
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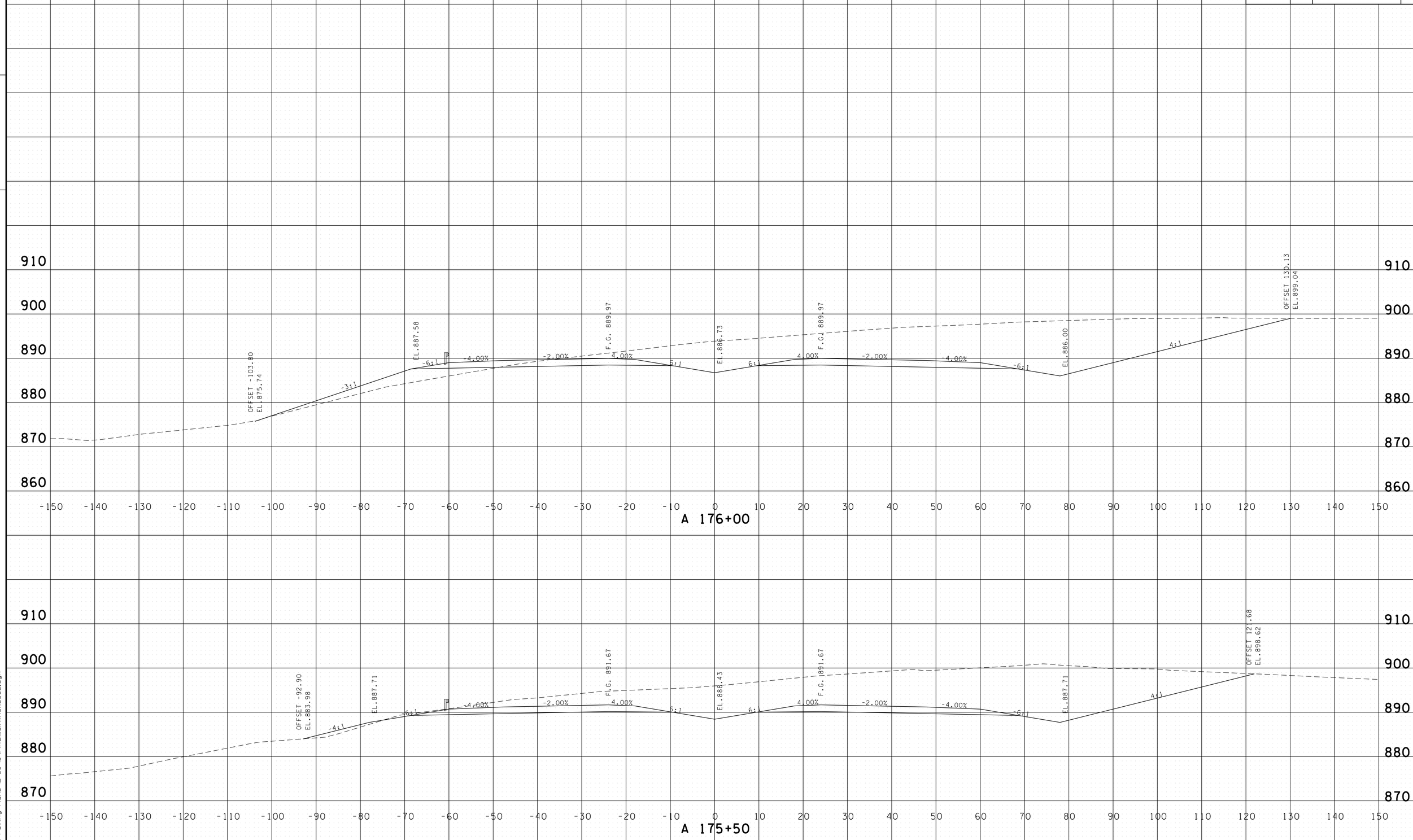
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	270

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 175+50 TO STA.A 176+00

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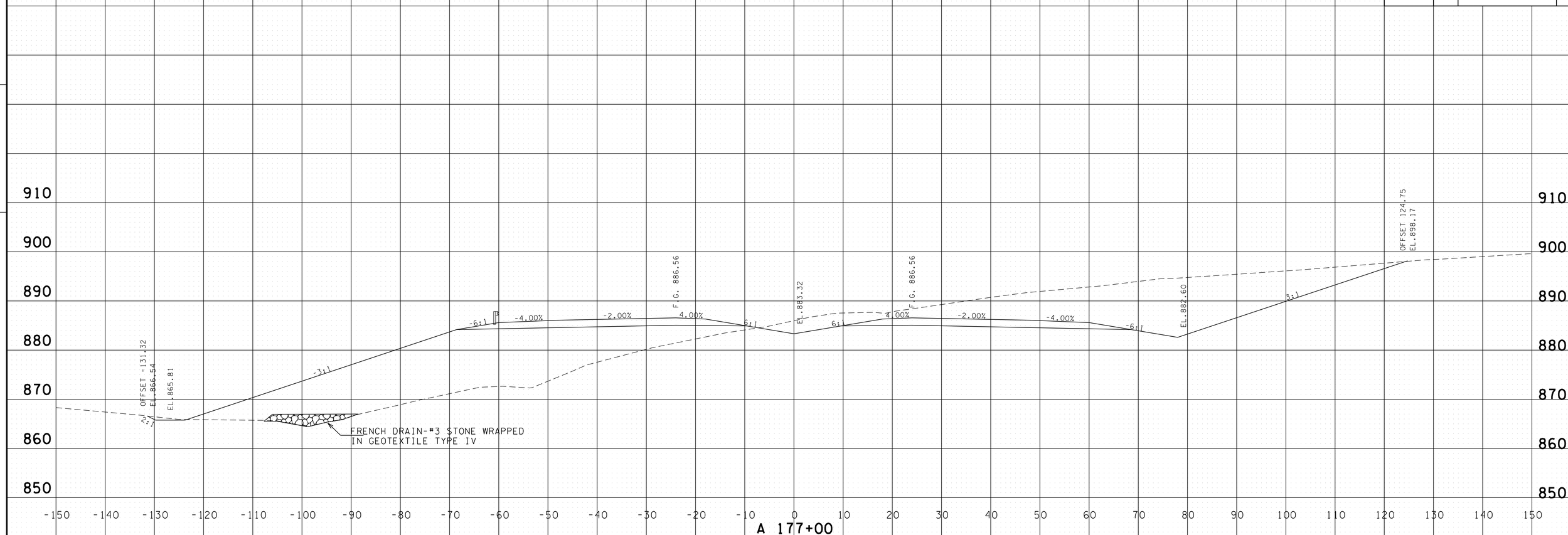
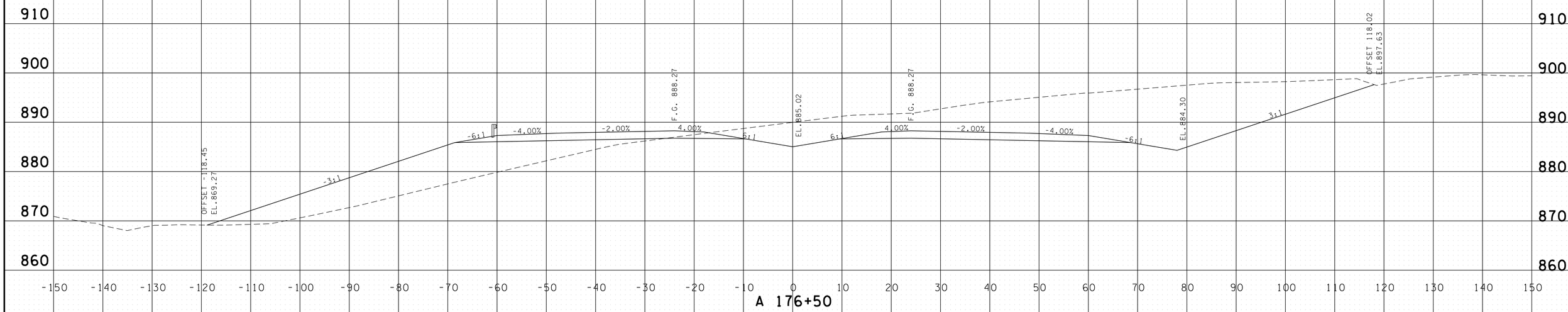
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	271

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 176+50 TO STA.A 177+00

4/30/2014 11:37:00 AM
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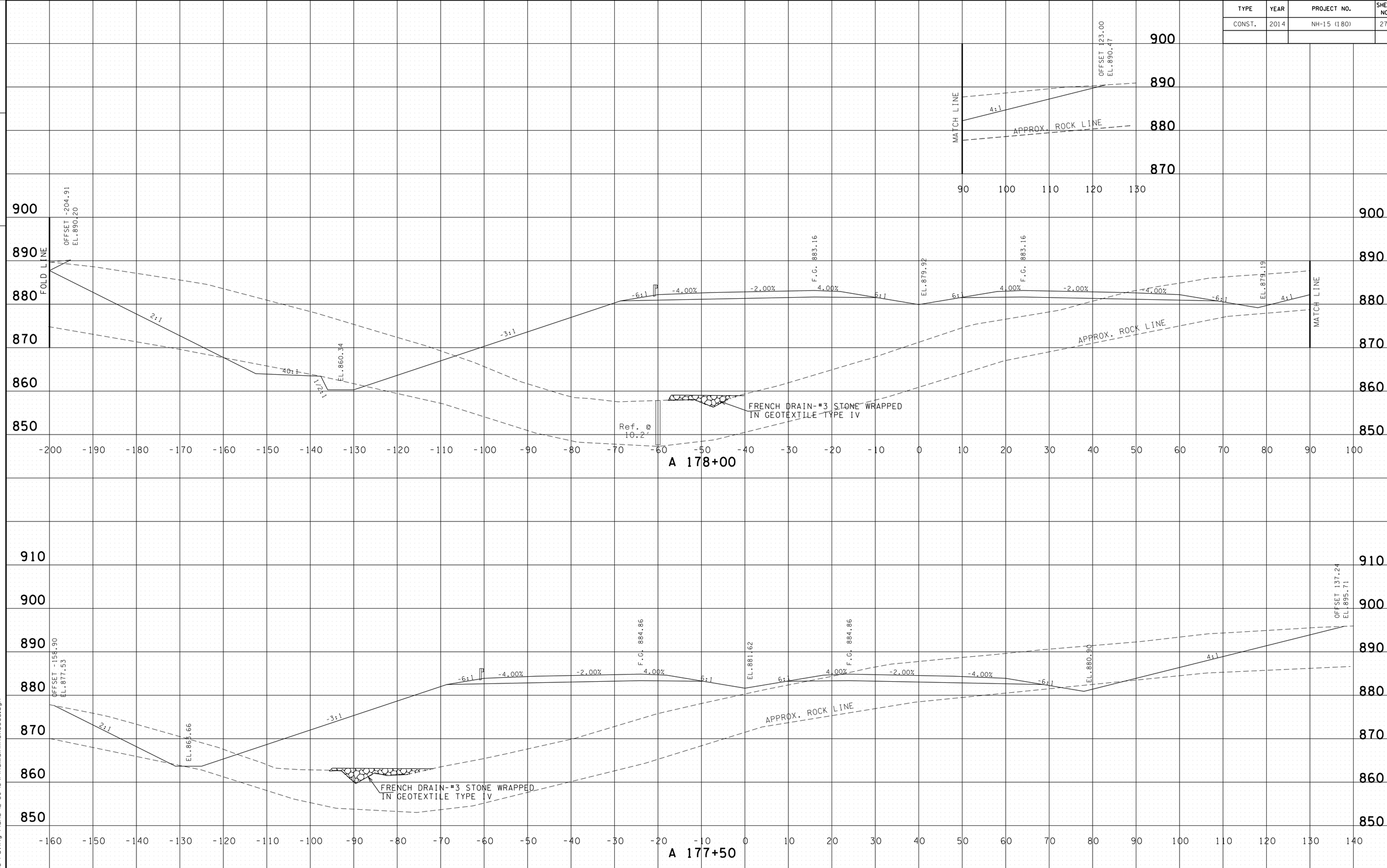
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	272

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 177+50 TO STA.A 178+00

4/30/2014 11:37:02 AM
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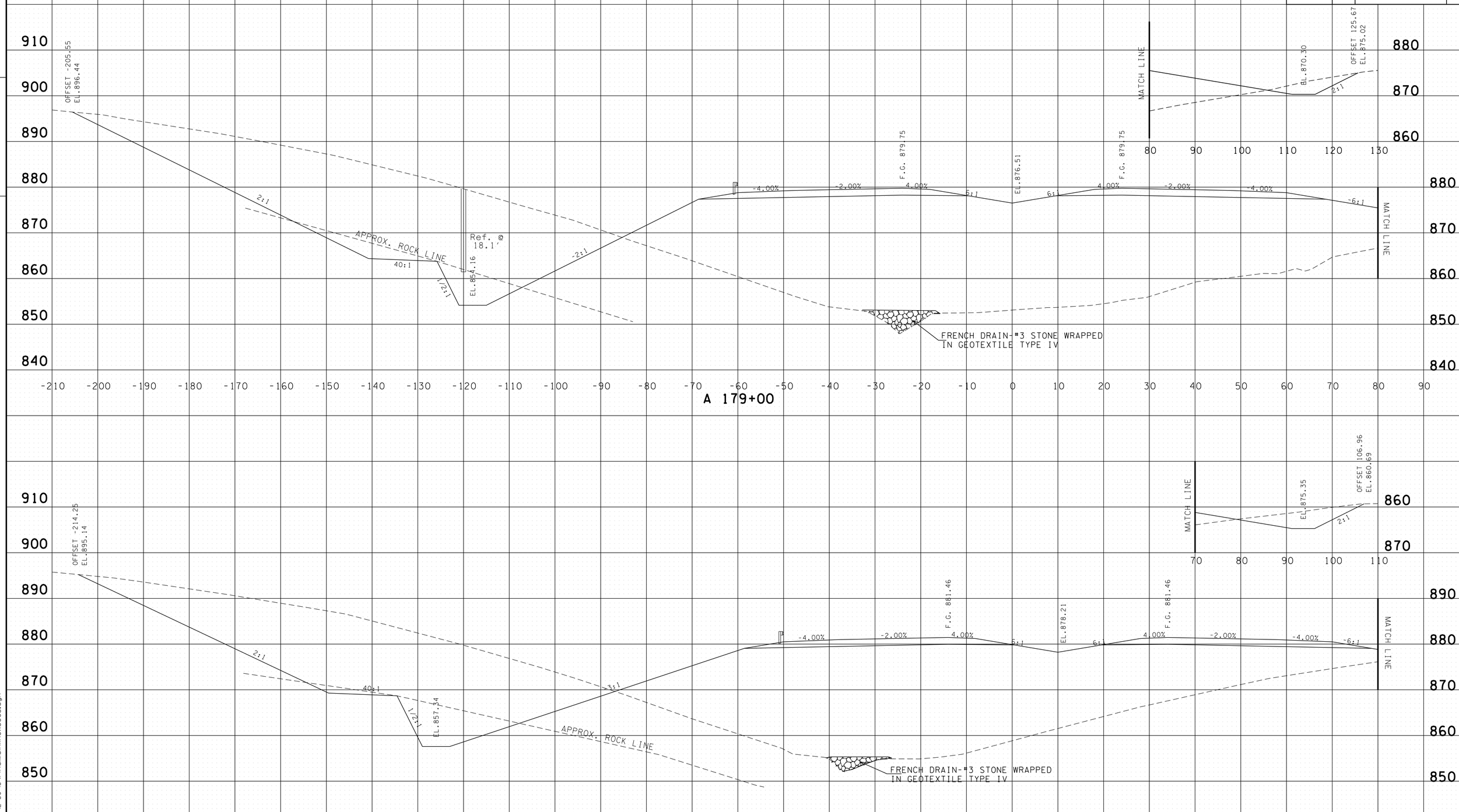
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	273

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

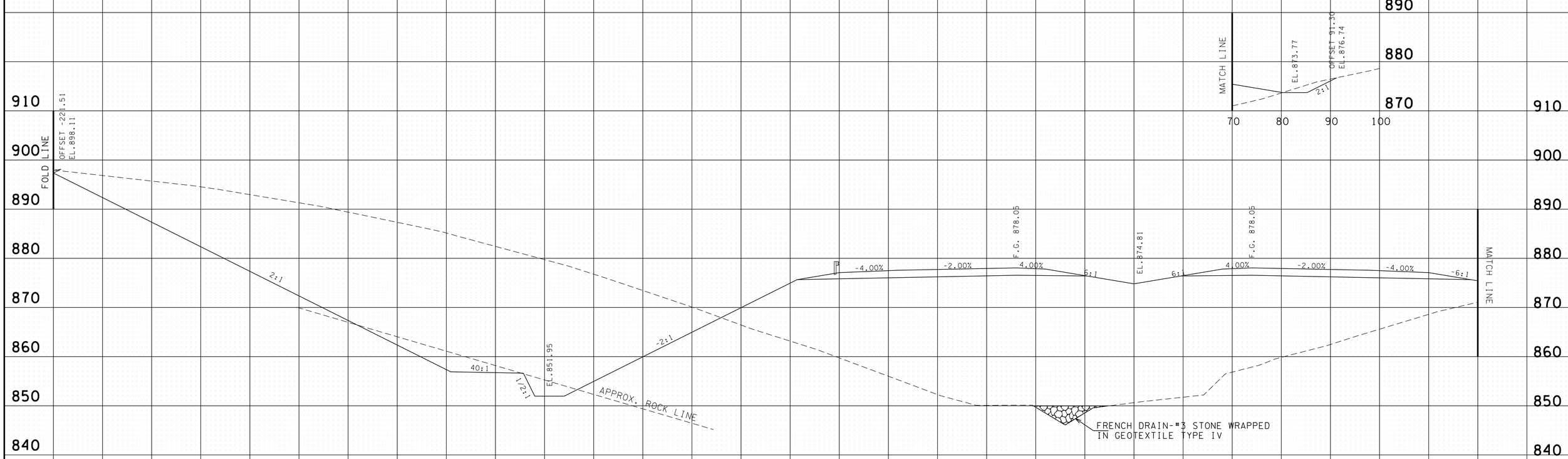
S.R. 15 MAINLINE
STA.A 178+50 TO STA.A 179+00

4/30/2014 11:37:04 AM
G:\HDI\DII\DI.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	274

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 179+50 TO STA.A 179+50

4/30/2014 11:37:05 AM
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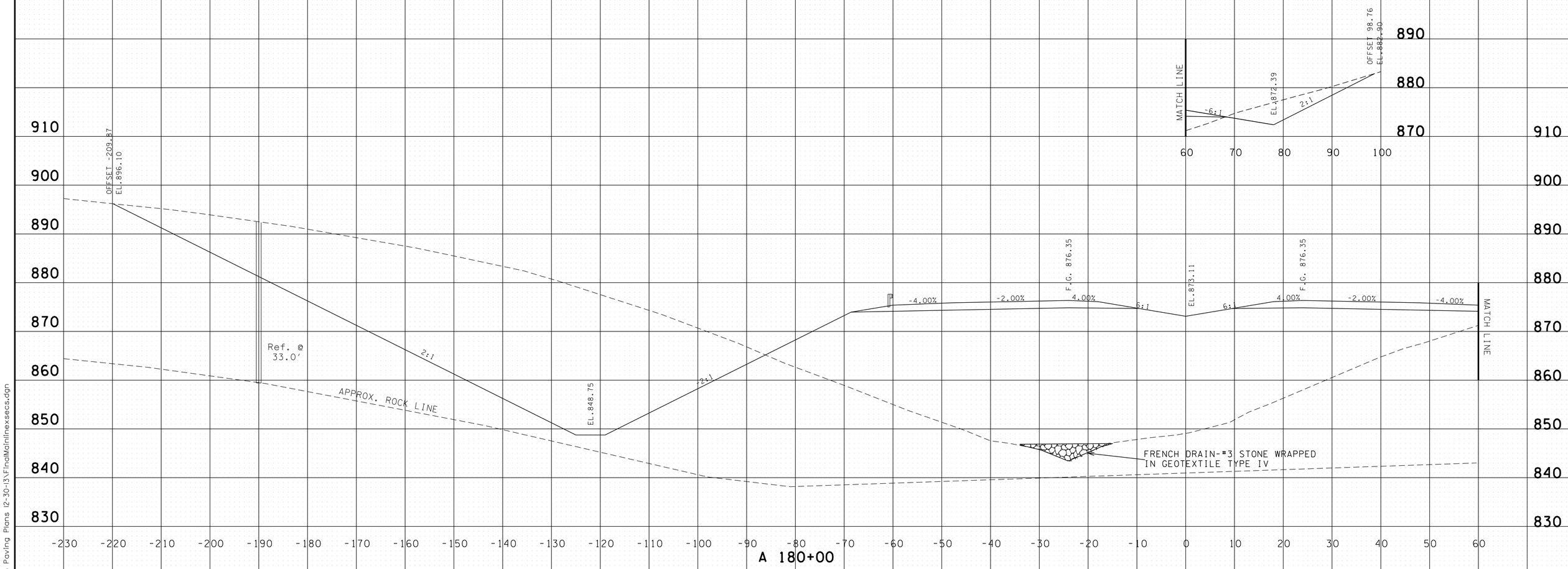
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	275

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 180+00 TO STA.A 180+00

4/30/2014 11:37:07 AM
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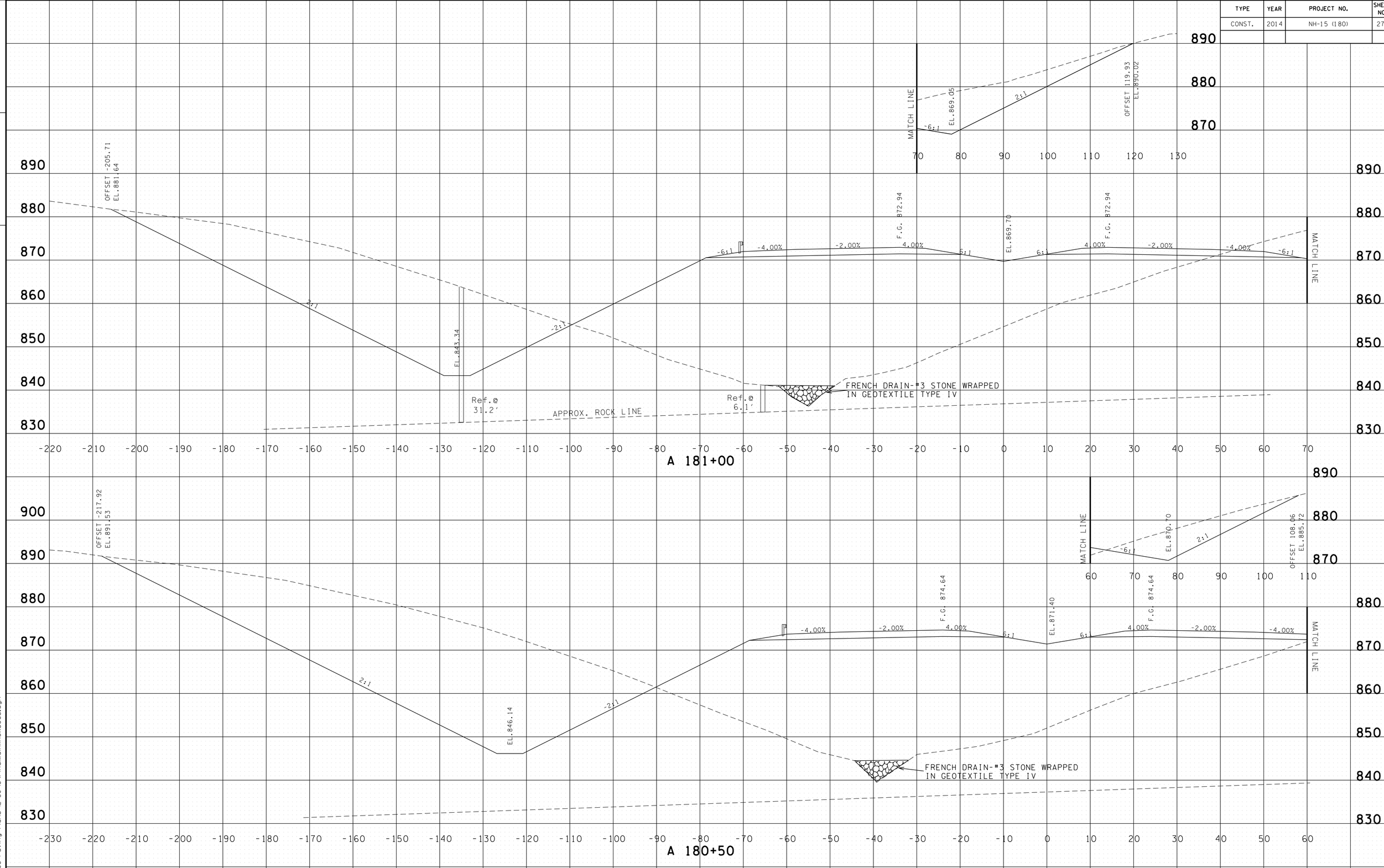
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	276

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 180+50 TO STA.A 181+00

4/30/2014 11:37:09 AM
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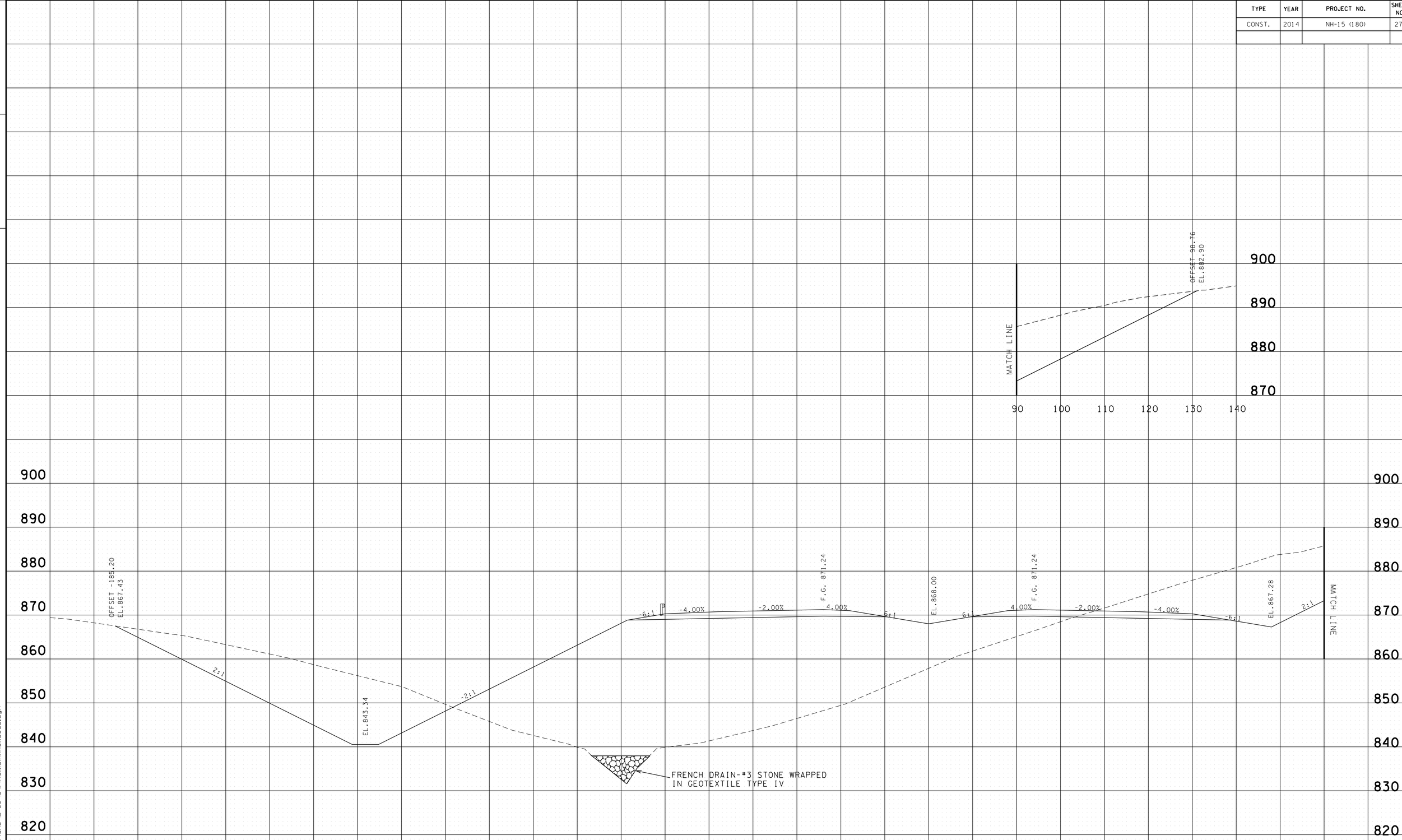
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	277

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 181+50 TO STA.A 181+50

4/30/2014 11:37:10 AM
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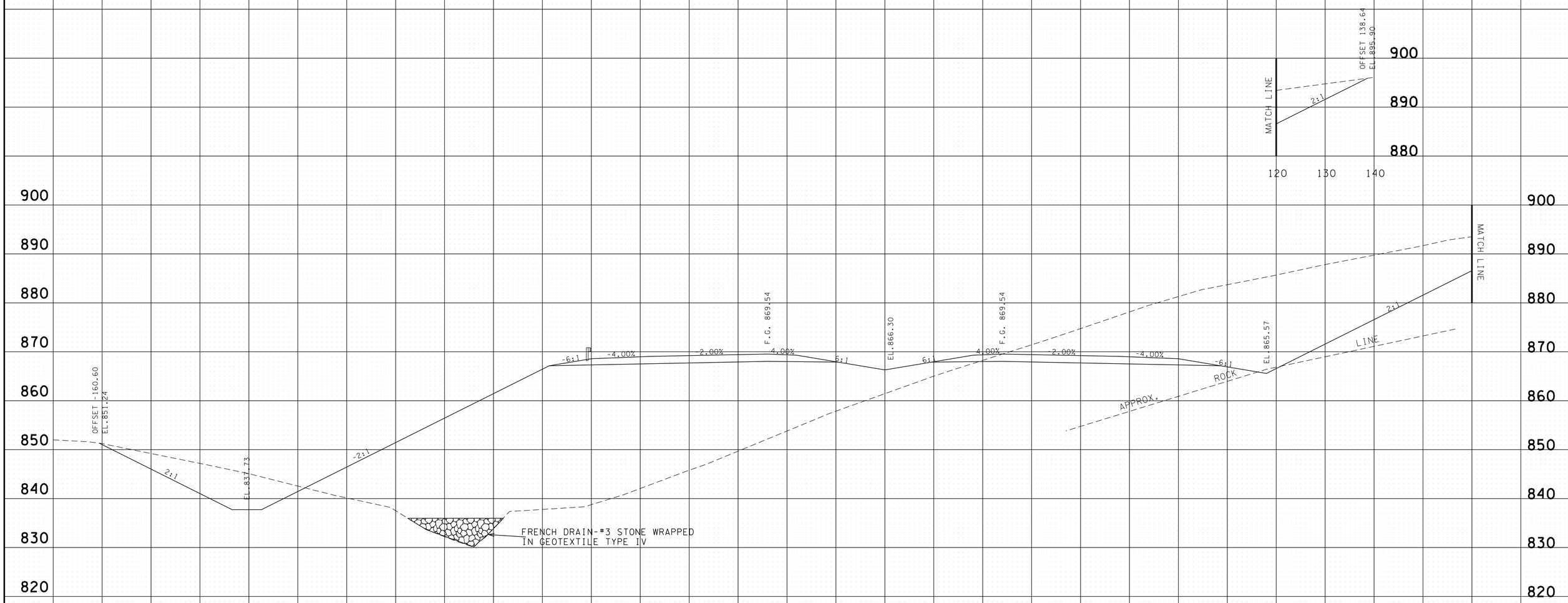
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	278

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

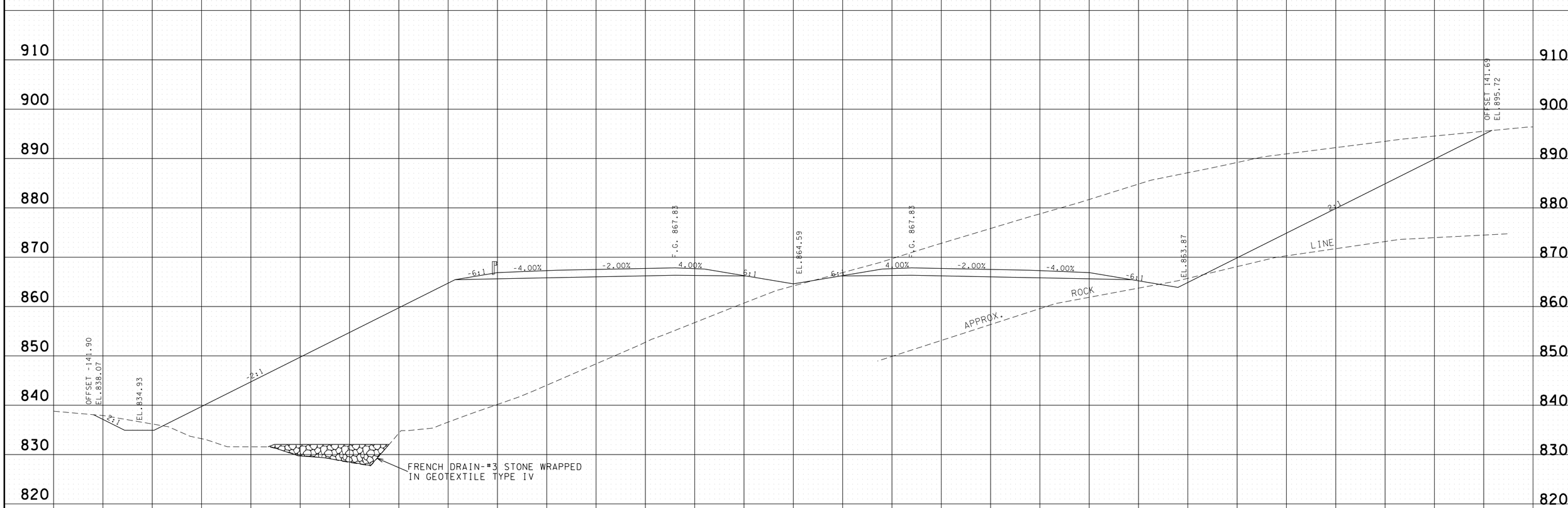
S.R. 15 MAINLINE
STA.A 182+00 TO STA.A 182+00

4/30/2014 11:37:12 AM
G:\HDI\DII\DI.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	279

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 182+50 TO STA.A 182+50

4/30/2014 11:37:14 AM
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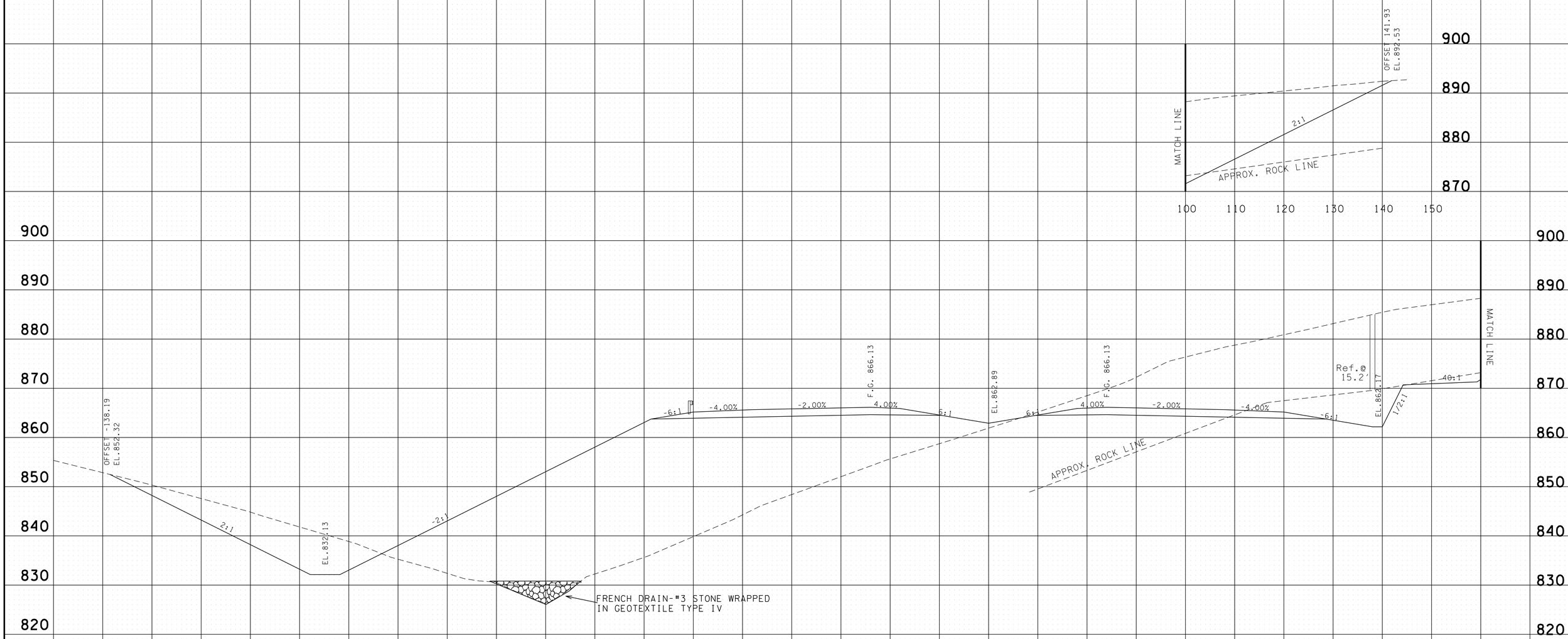
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	280

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 183+00 TO STA.A 183+00

4/30/2014 11:37:15 AM
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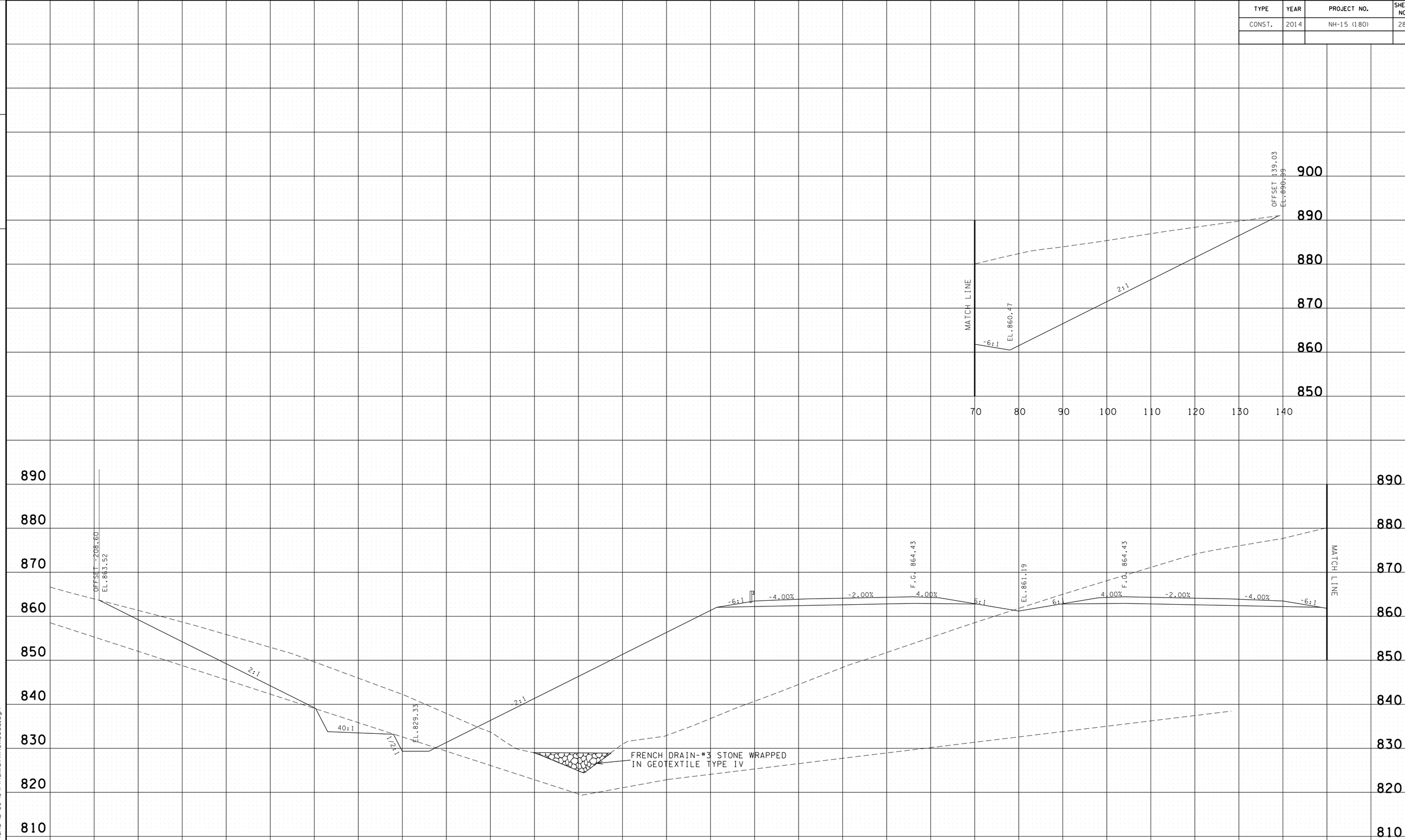
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	281

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

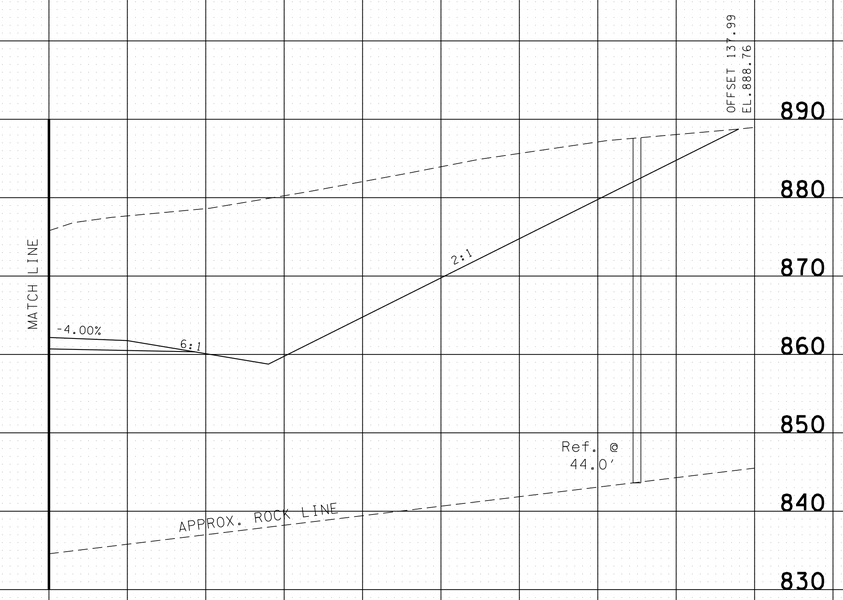
S.R. 15 MAINLINE
STA.A 183+50 TO STA.A 183+50

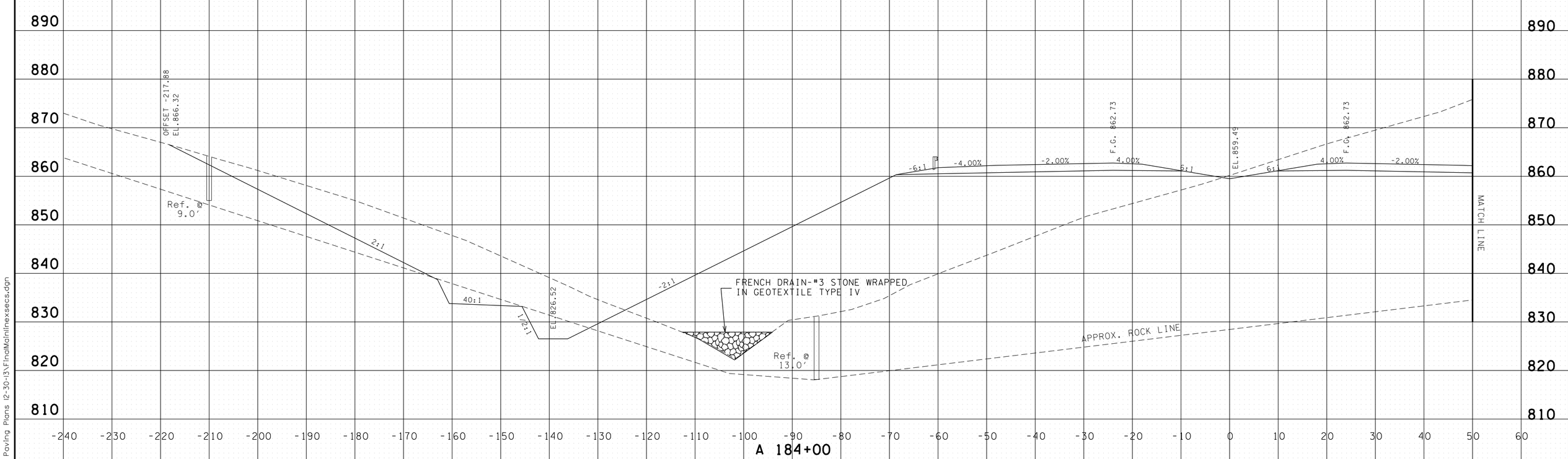
4/30/2014 11:37:17 AM
G:\HDI\011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	282

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





A 184+00

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 184+00 TO STA.A 184+00

4/30/2014 11:37:19 AM
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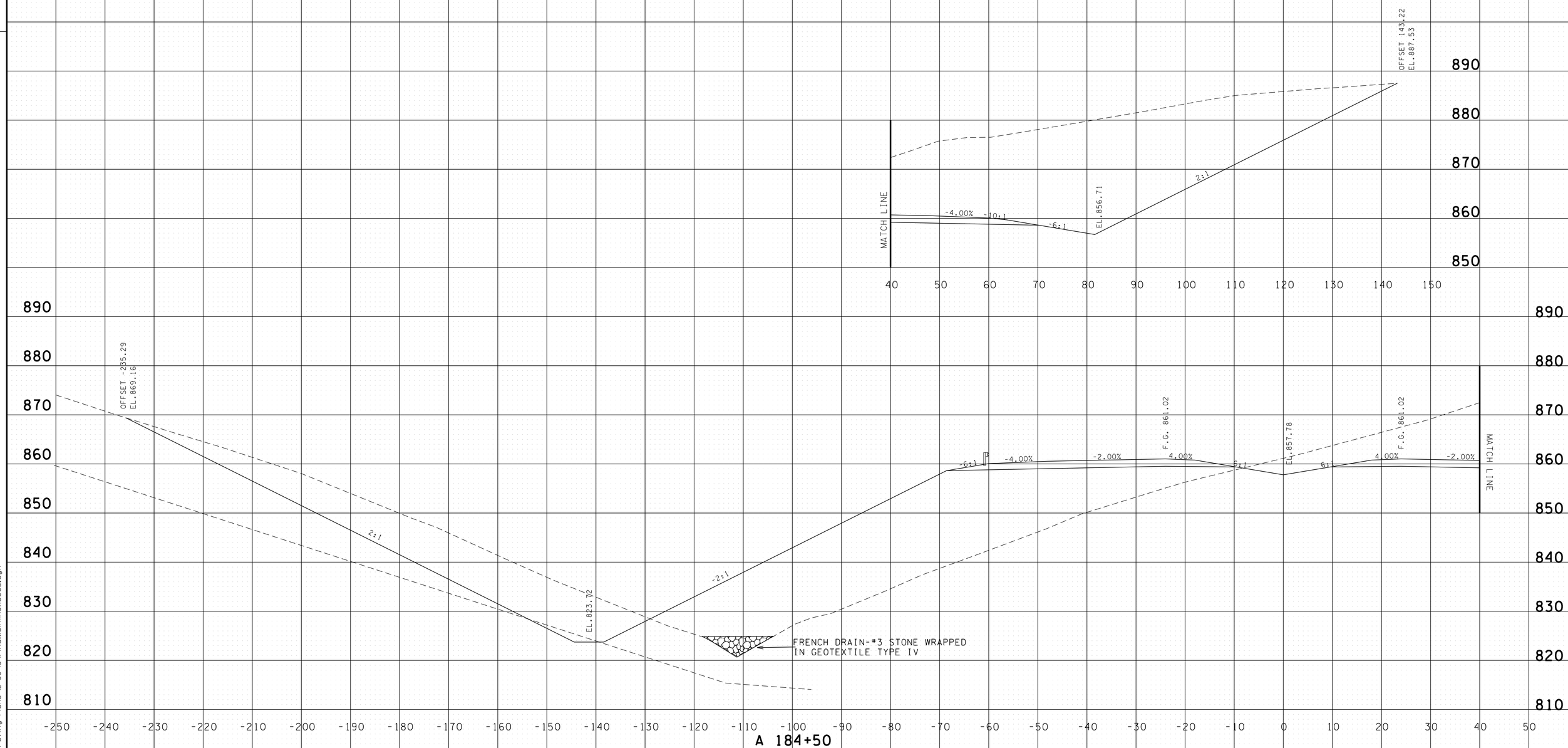
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	283

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 184+50 TO STA.A 184+50

4/30/2014 11:37:21 AM
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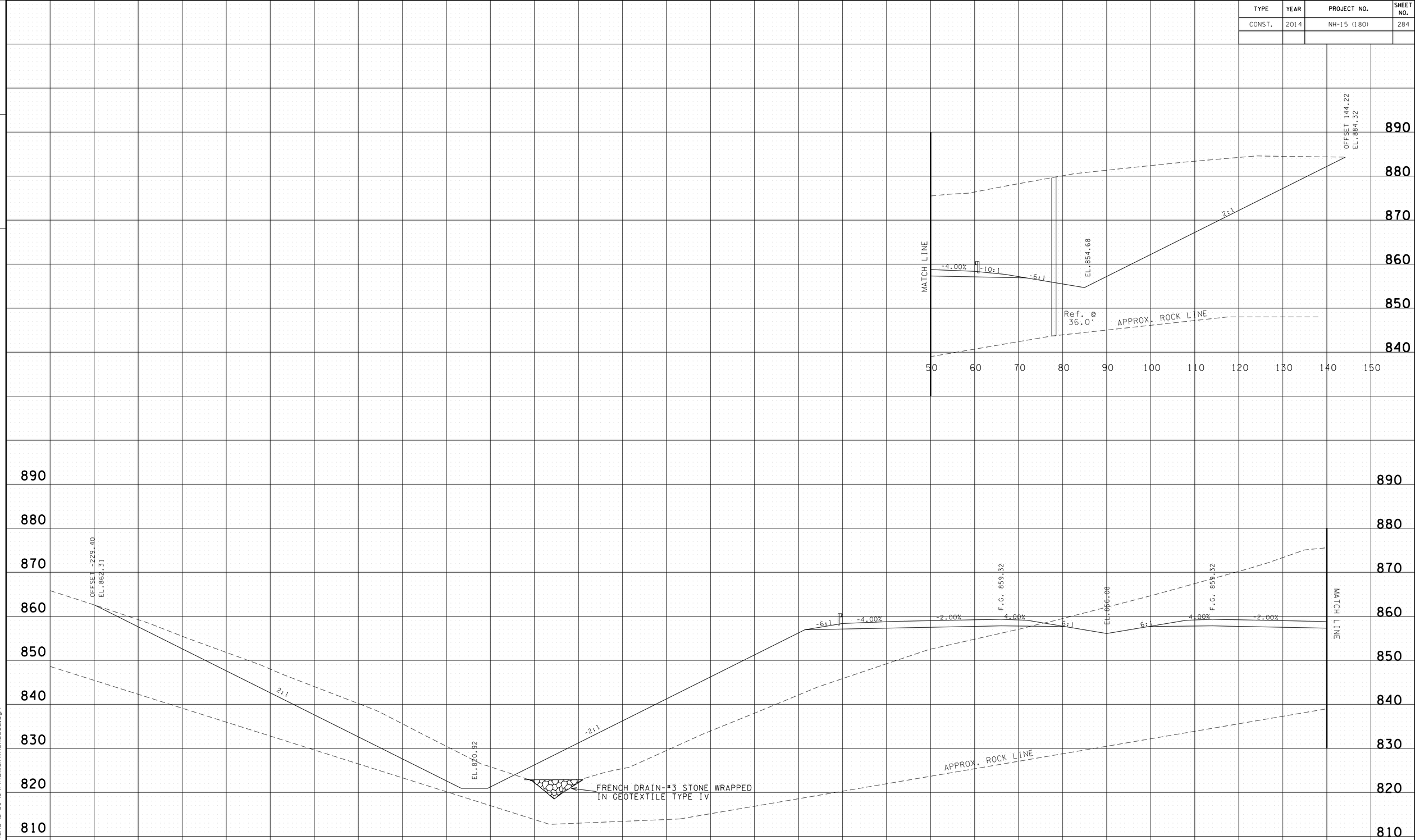
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	284

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 185+00 TO STA.A 185+00

4/30/2014 11:37:22 AM
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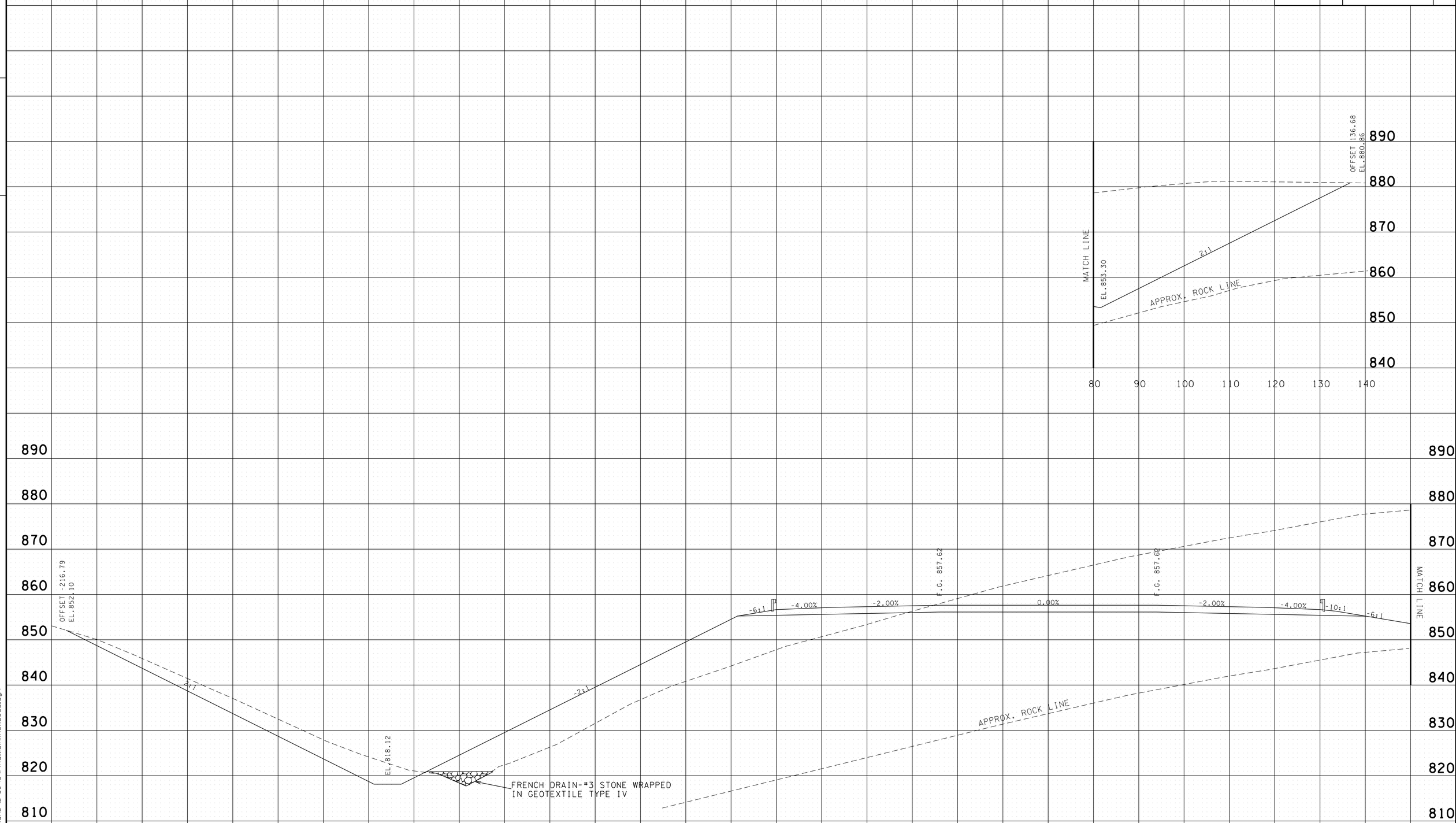
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	285

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



A 185+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 185+50 TO STA.A 185+50

4/30/2014 11:37:24 AM
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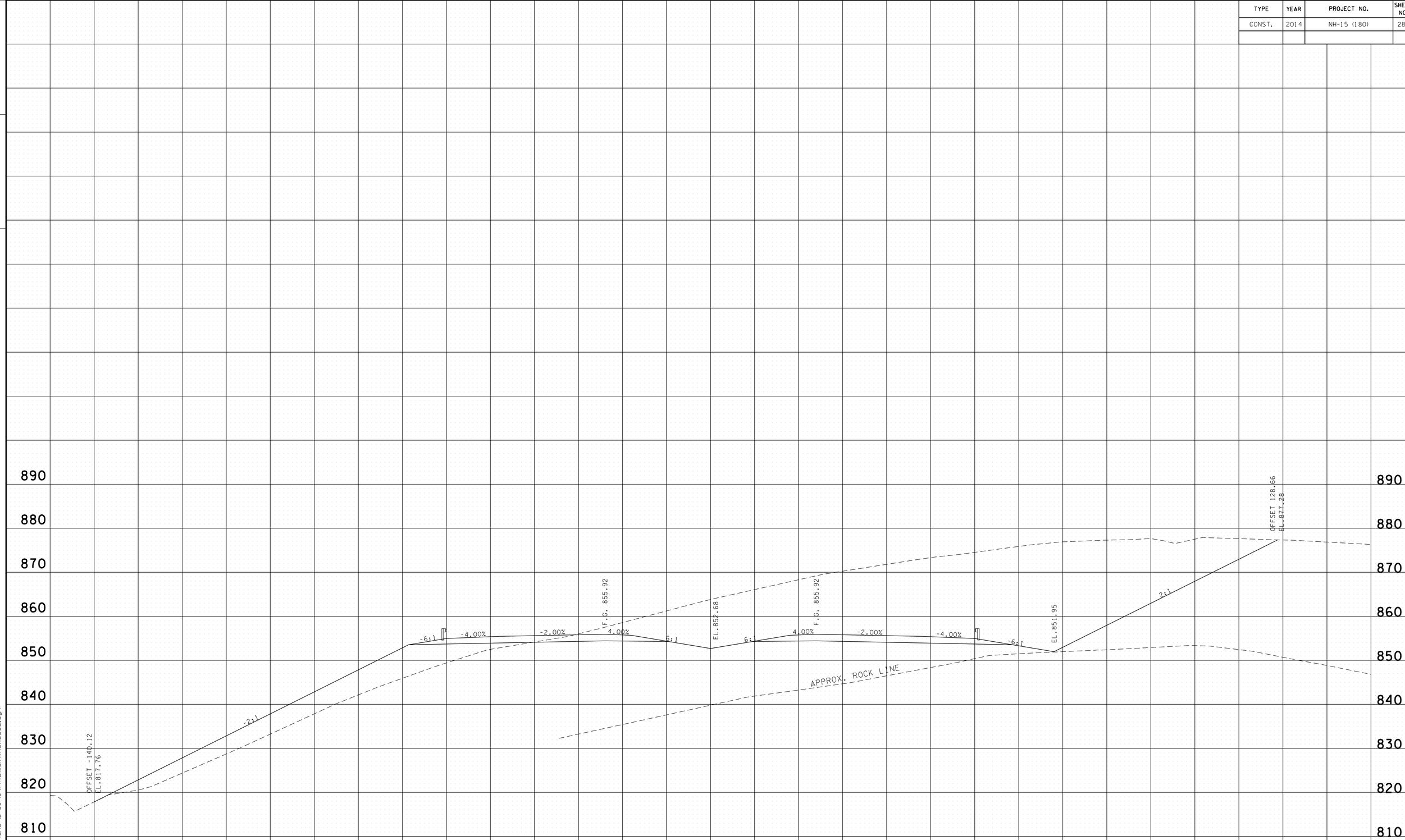
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	286

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 186+00 TO STA.A 186+00

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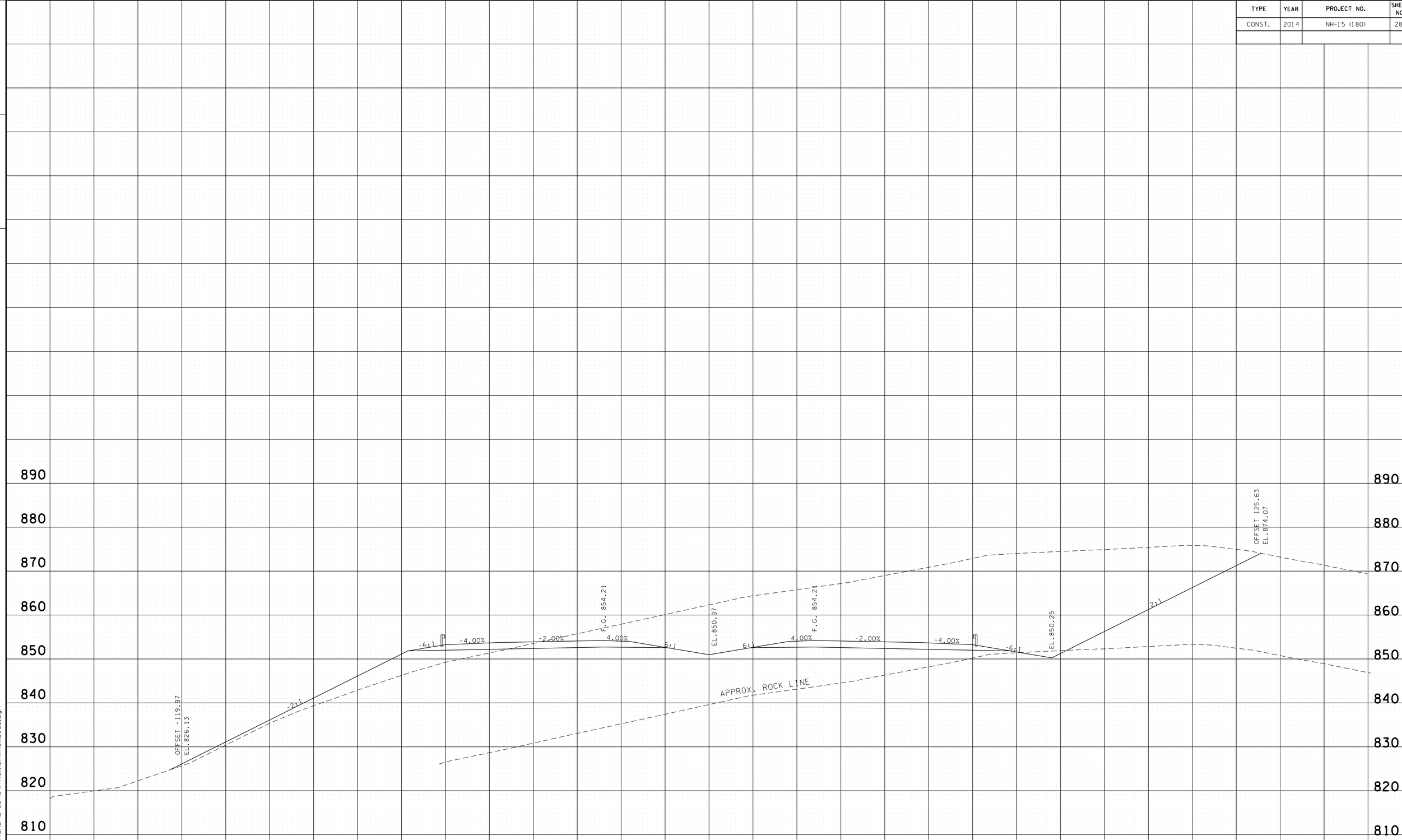
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	287

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 186+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 186+50 TO STA.A 186+50

4/30/2014 11:37:27 AM
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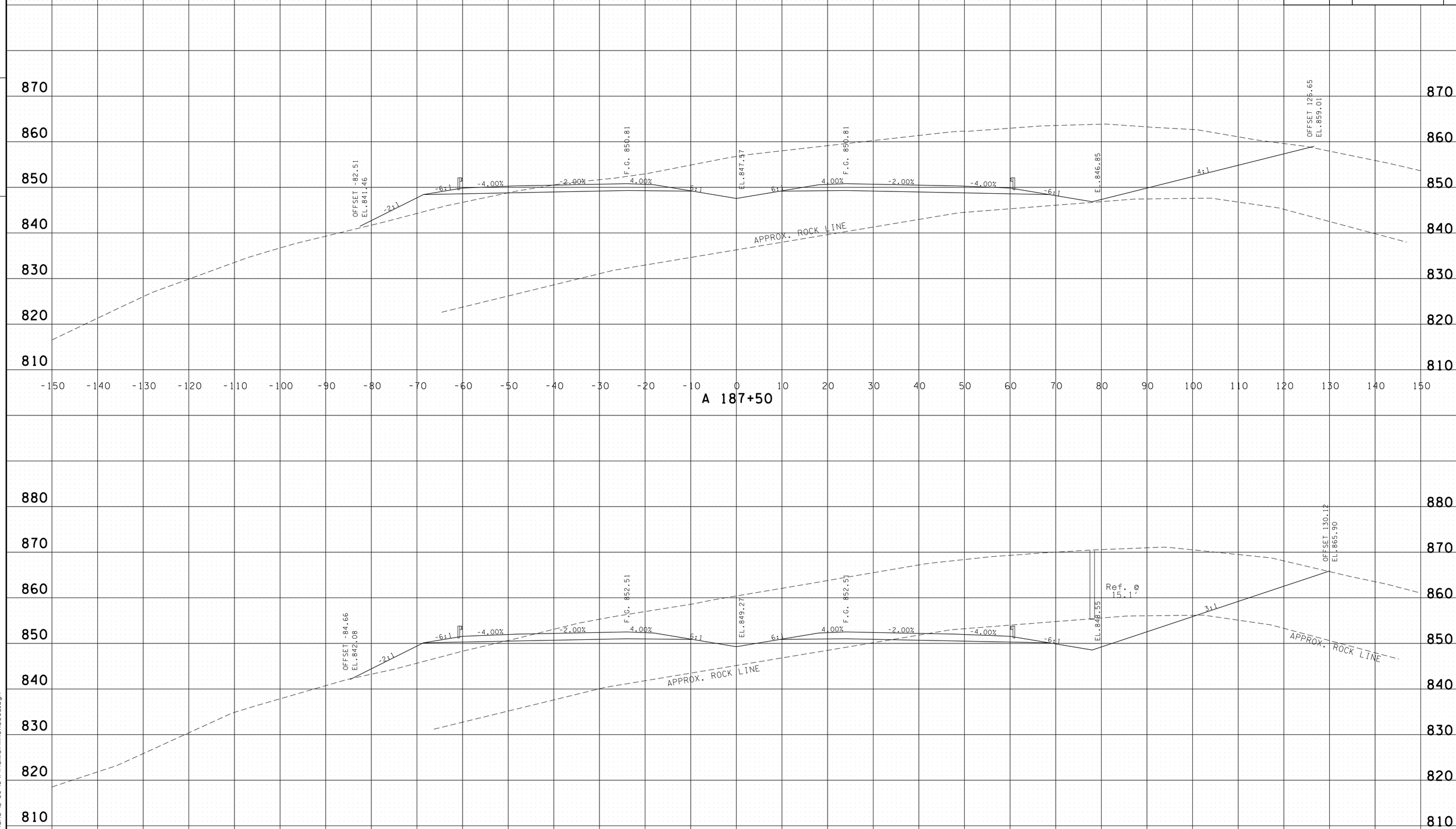
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	288

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 187+00 TO STA.A 187+50

4/30/2014 11:37:29 AM
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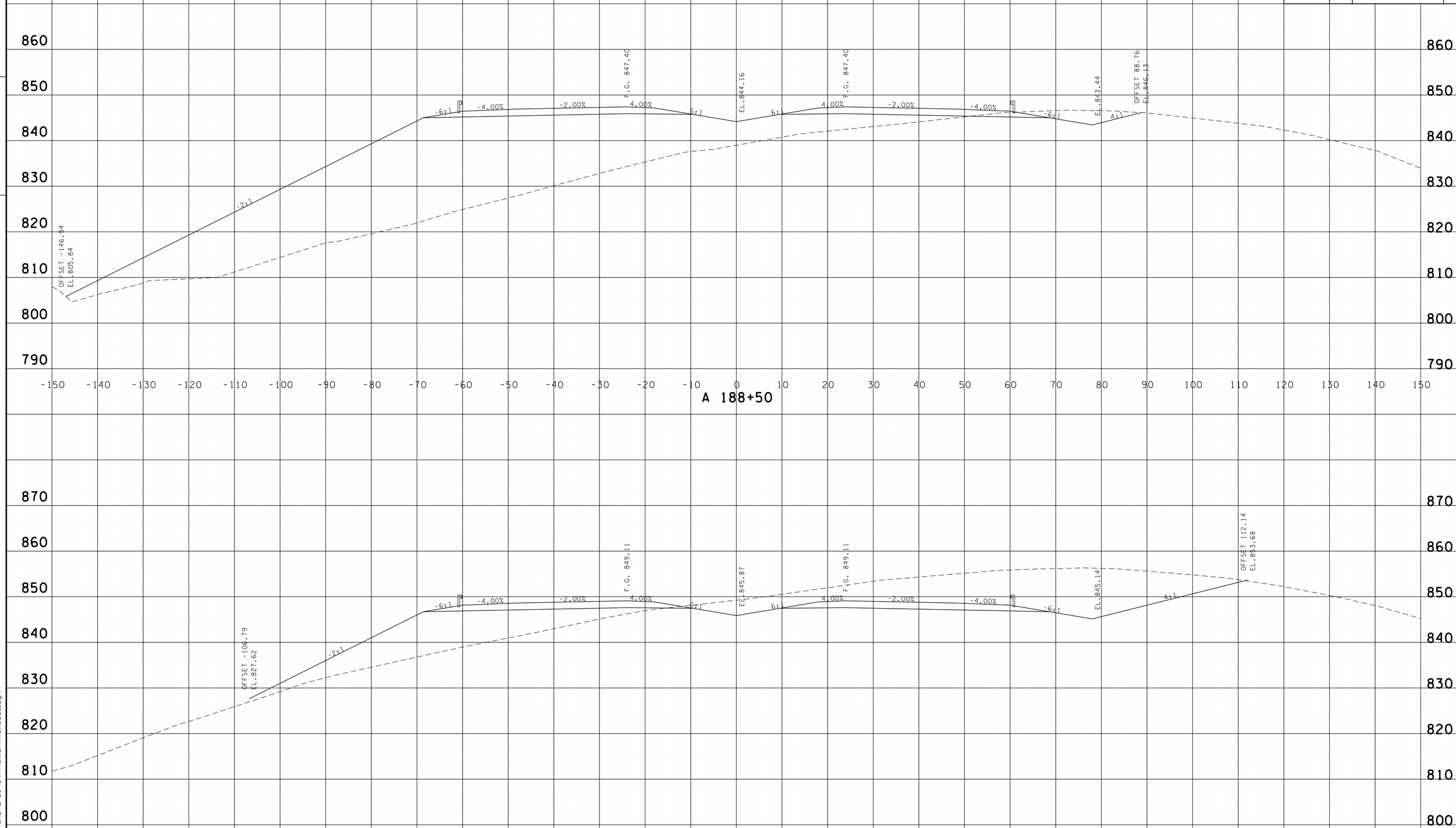
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	289

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 188+00 TO STA.A 188+50

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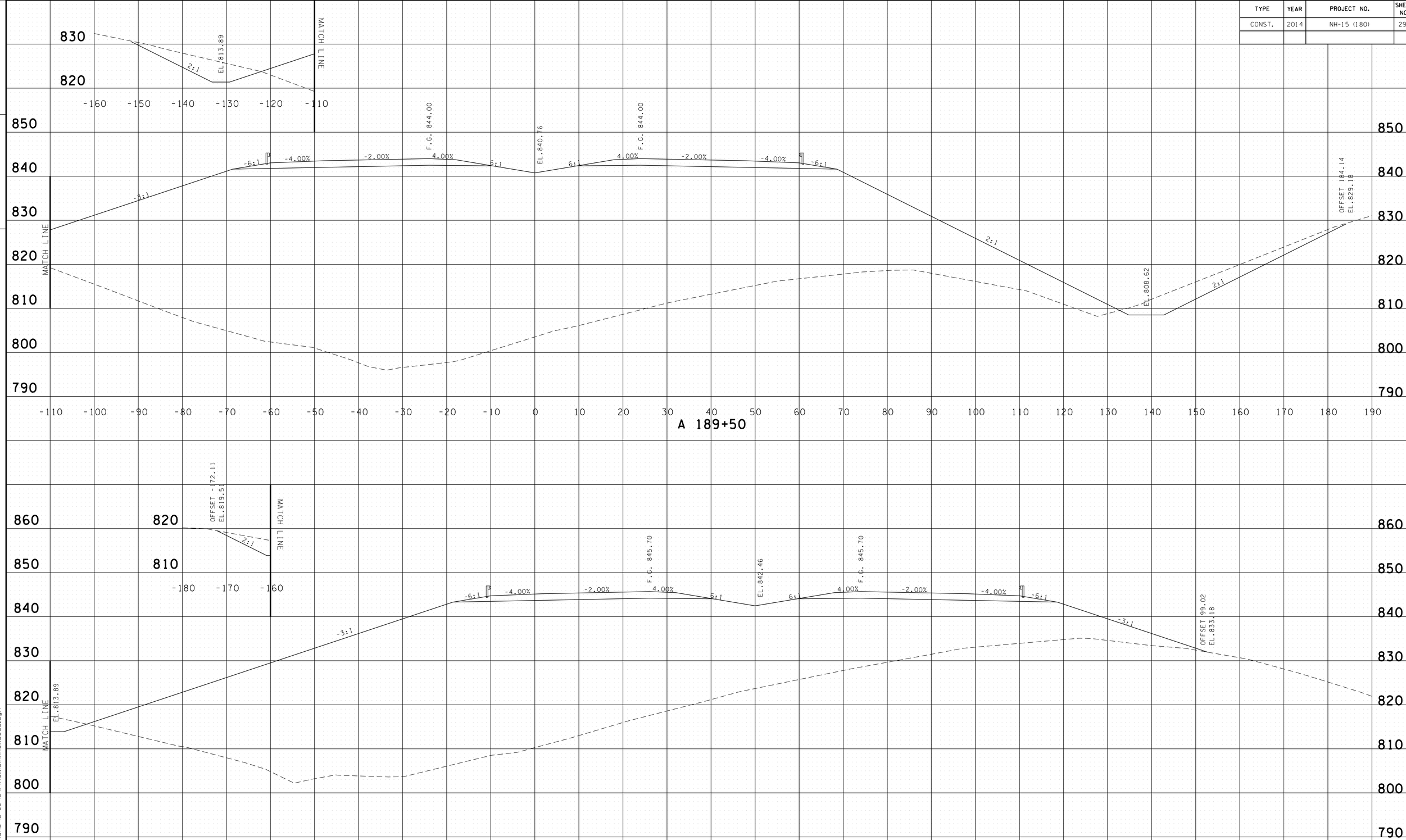
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	290

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 189+00 TO STA.A 189+50

4/30/2014 11:37:32 AM
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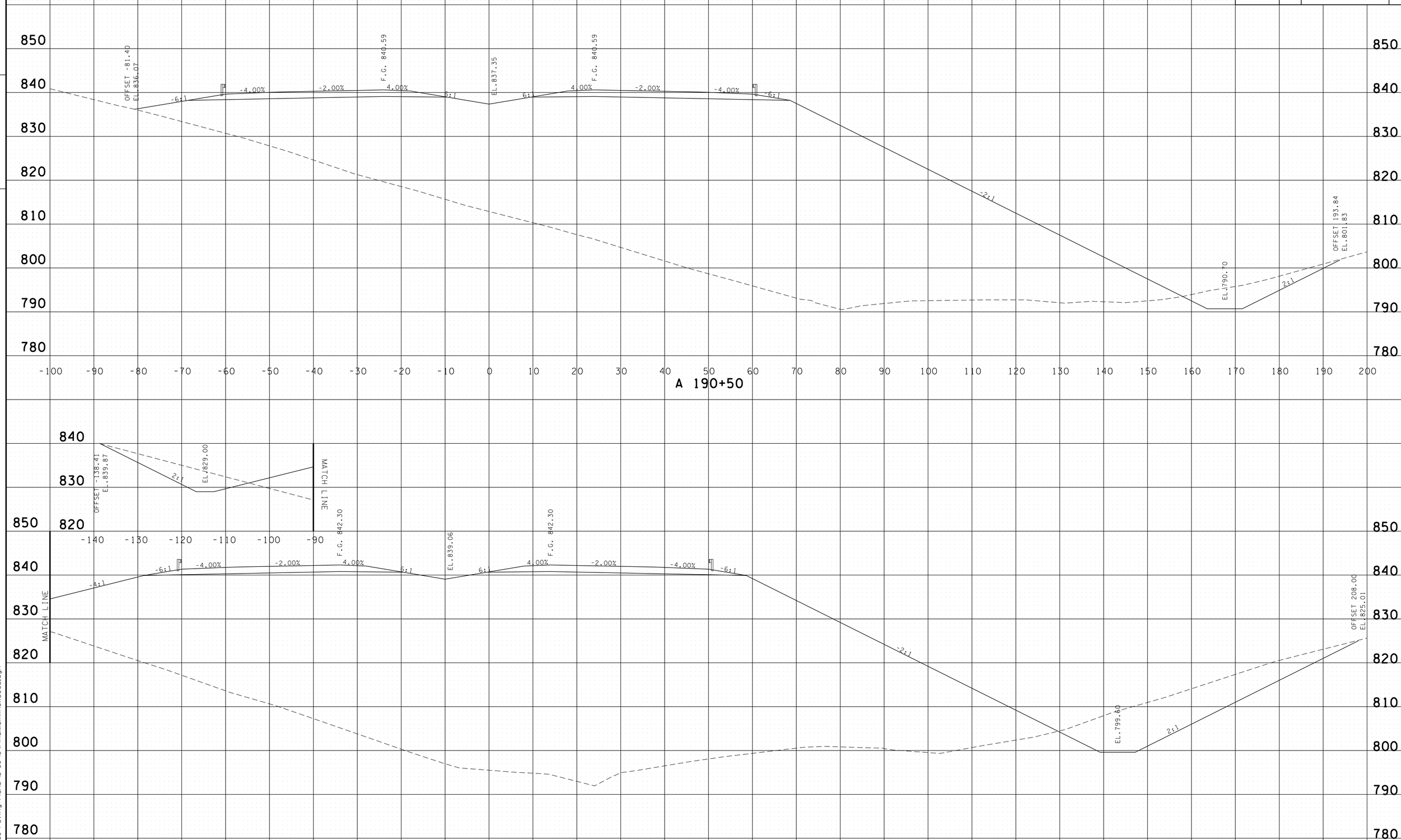
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	291

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 190+00 TO STA.A 190+50

4/30/2014 11:37:34 AM
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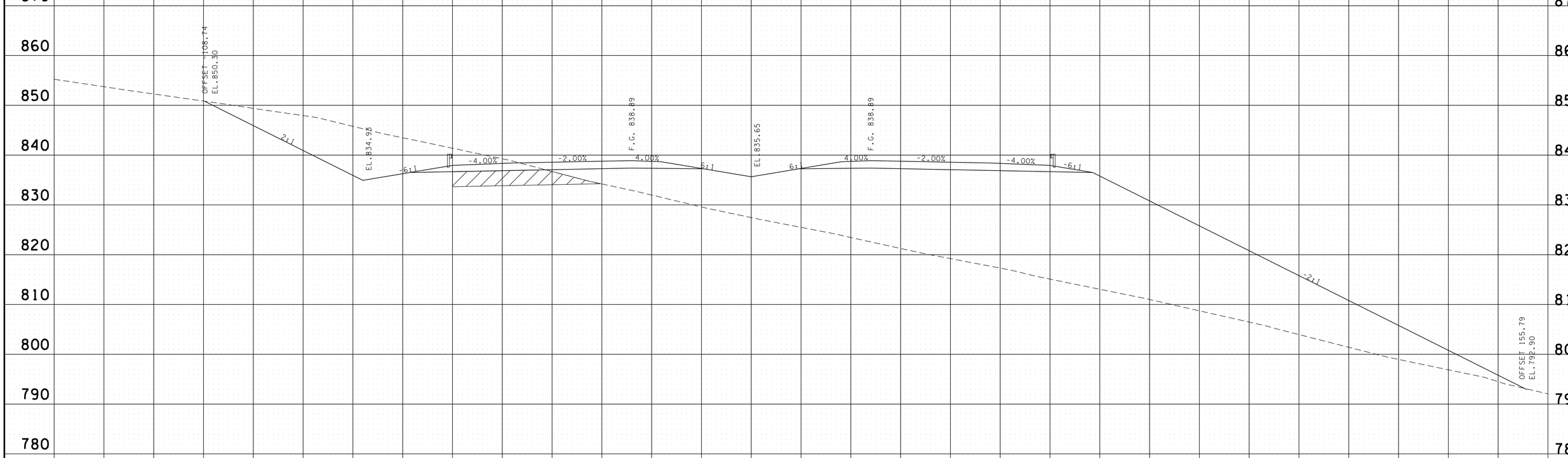
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	292

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 191+00 TO STA.A 191+00

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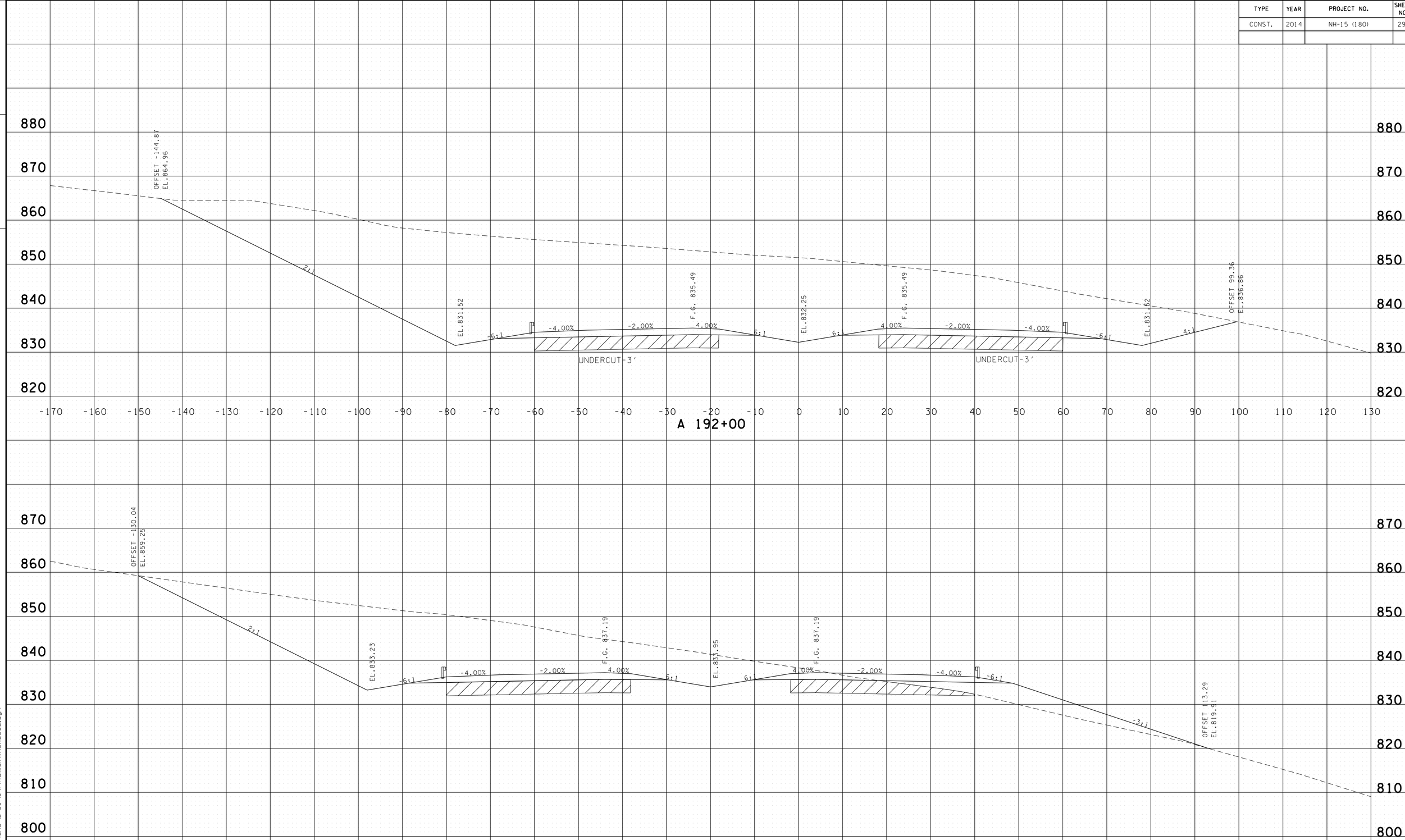
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	293

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 191+50 TO STA.A 192+00

4/30/2014 11:37:38 AM
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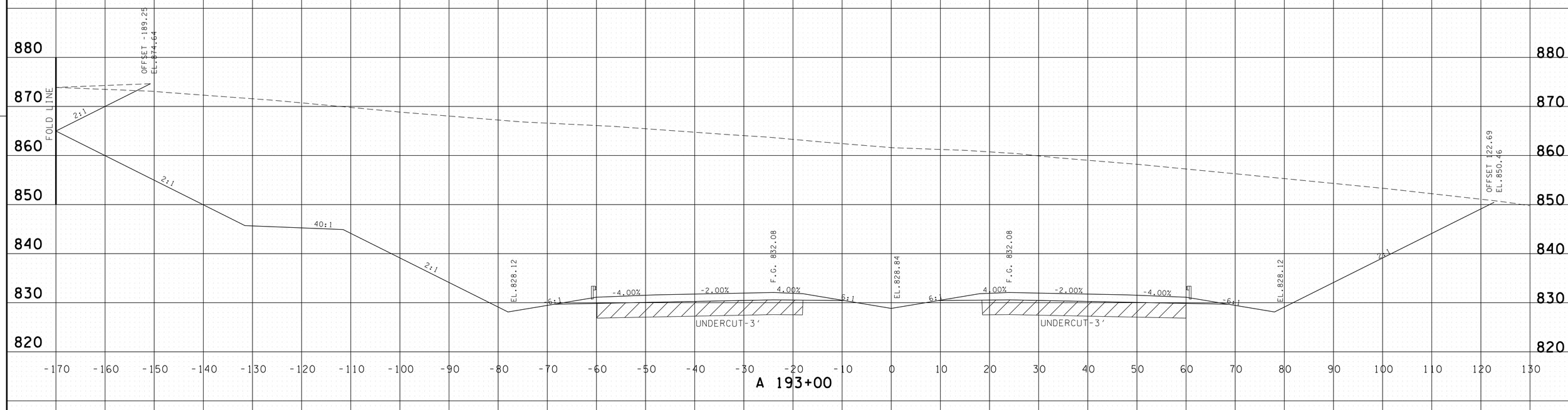
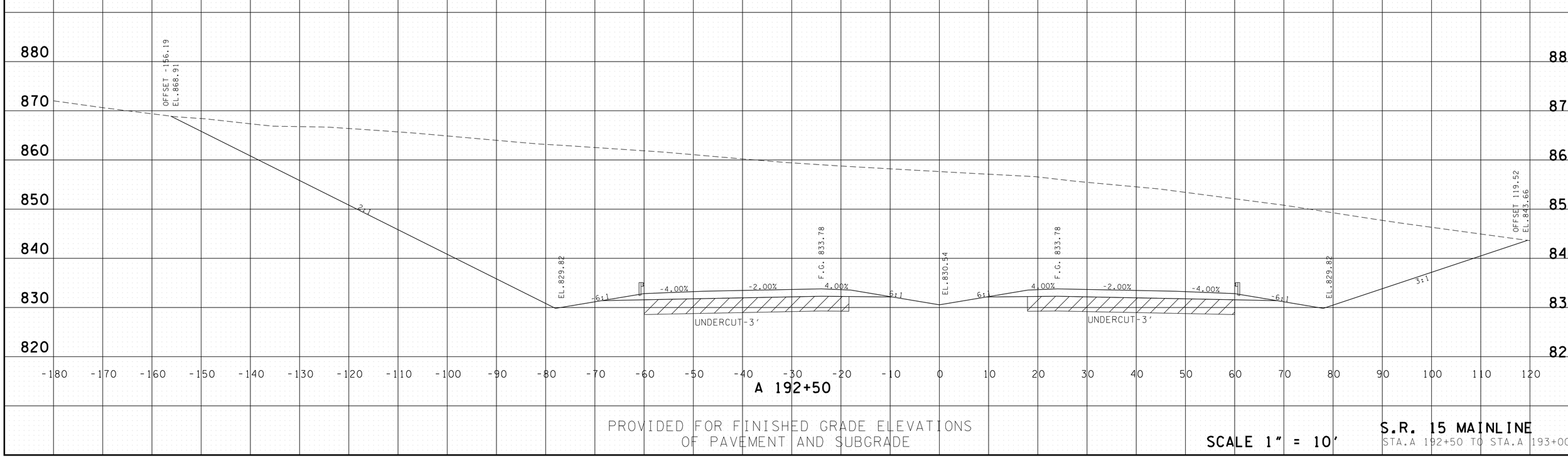
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	294

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 192+50 TO STA.A 193+00

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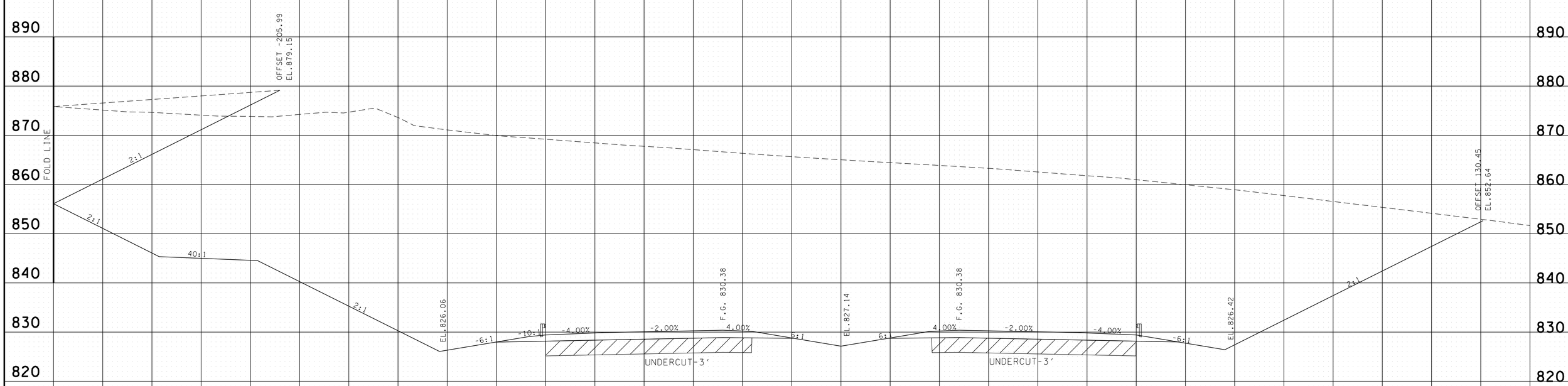
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	295

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 193+50 TO STA.A 193+50

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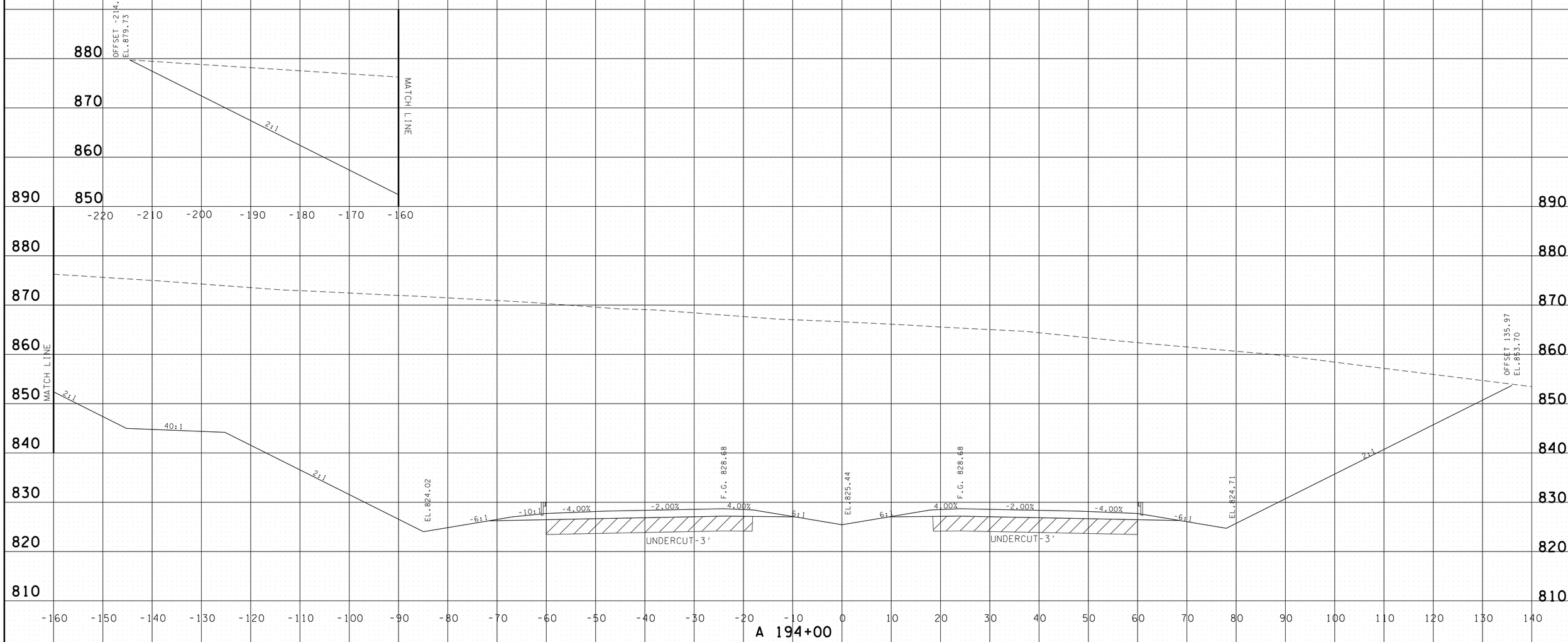
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	296

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 194+00 TO STA.A 194+00

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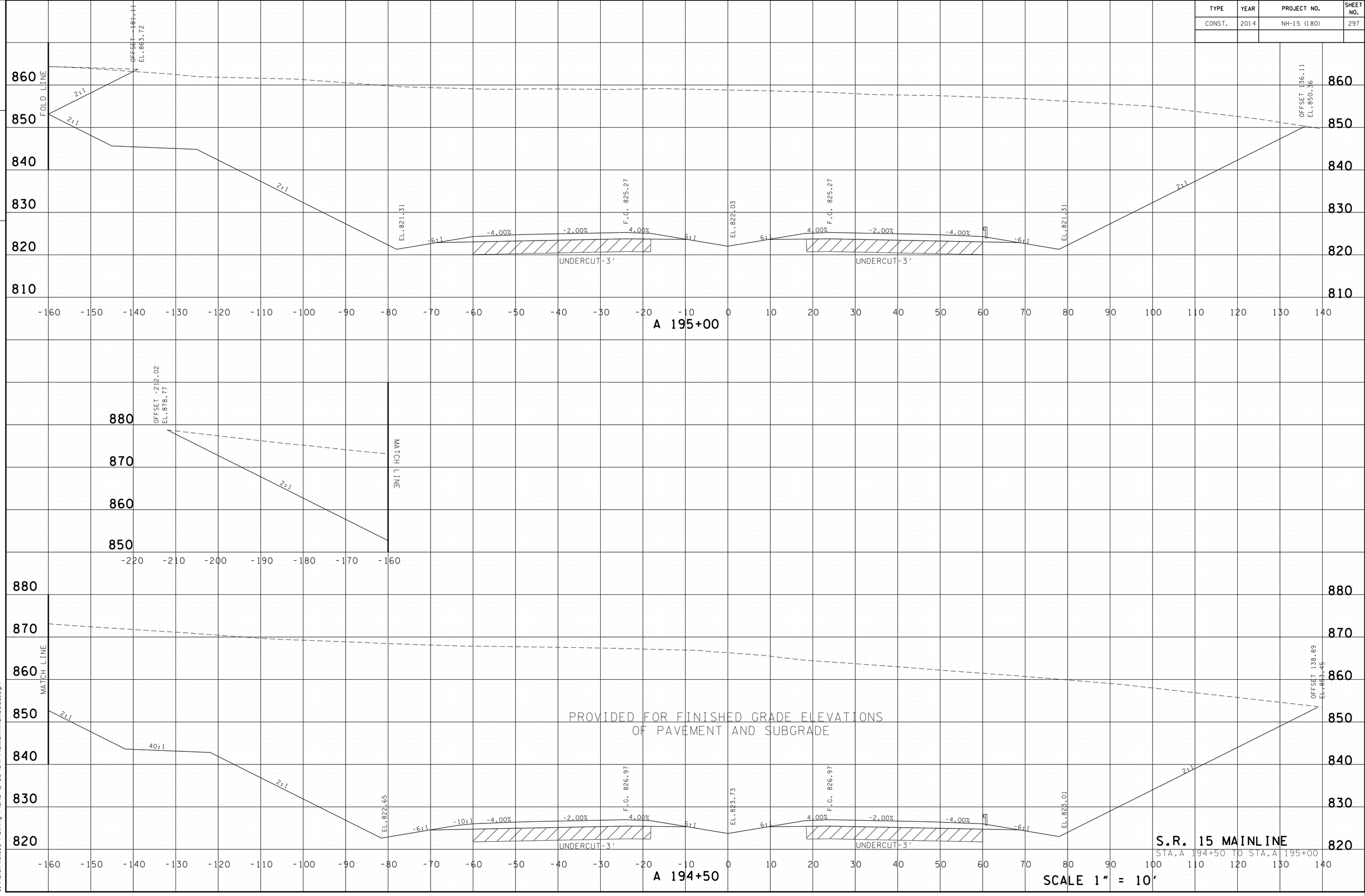
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	297

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



S.R. 15 MAINLINE
STA.A 194+50 TO STA.A 195+00

SCALE 1" = 10'

4/30/2014 11:37:44 AM
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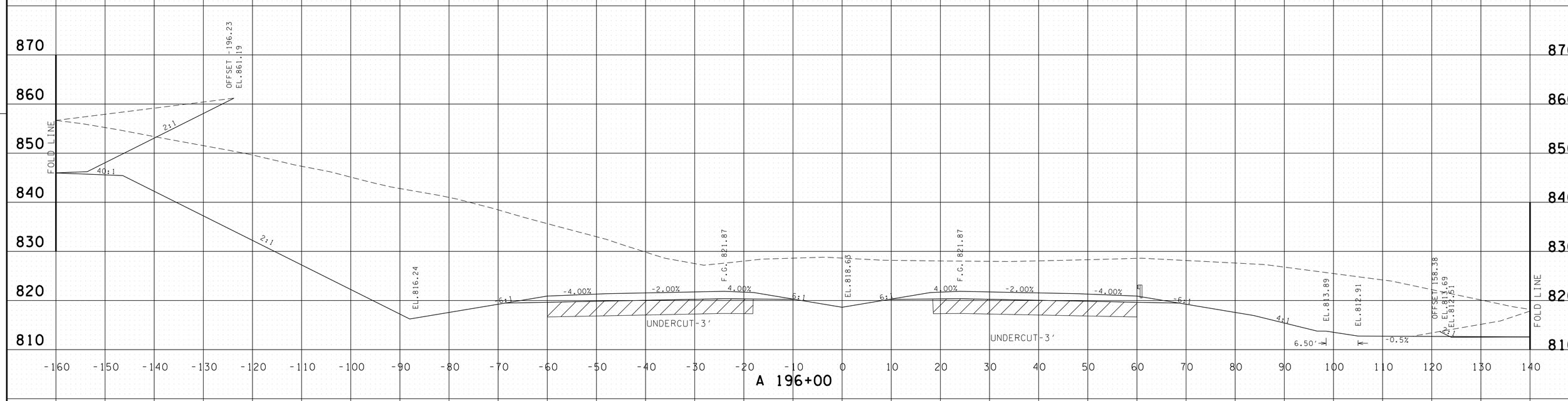
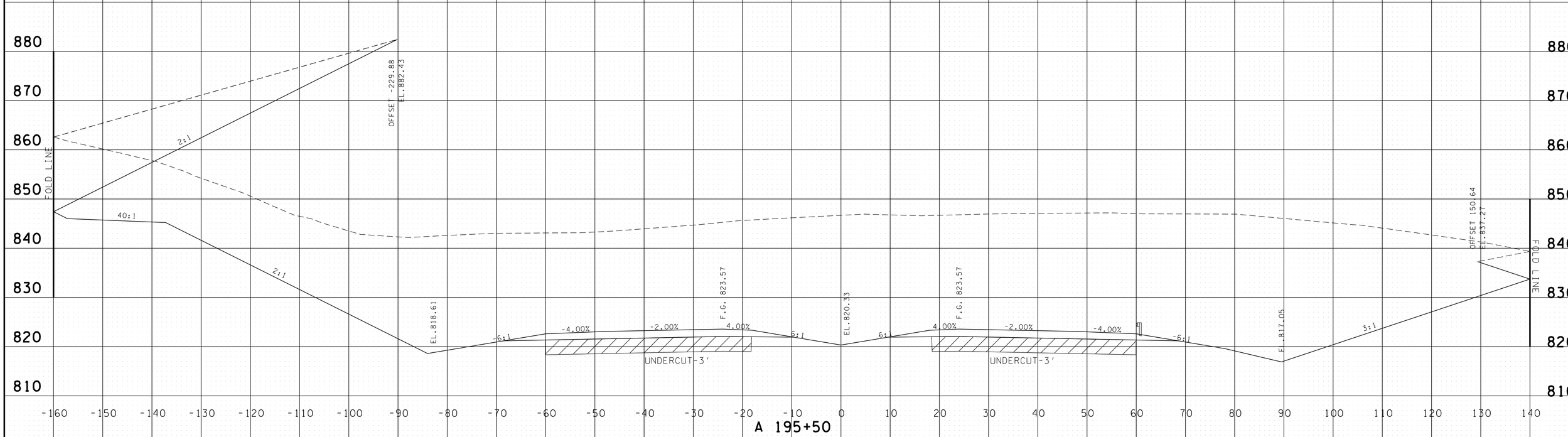
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	298

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 195+50 TO STA.A 196+00

4/30/2014 11:37:46 AM
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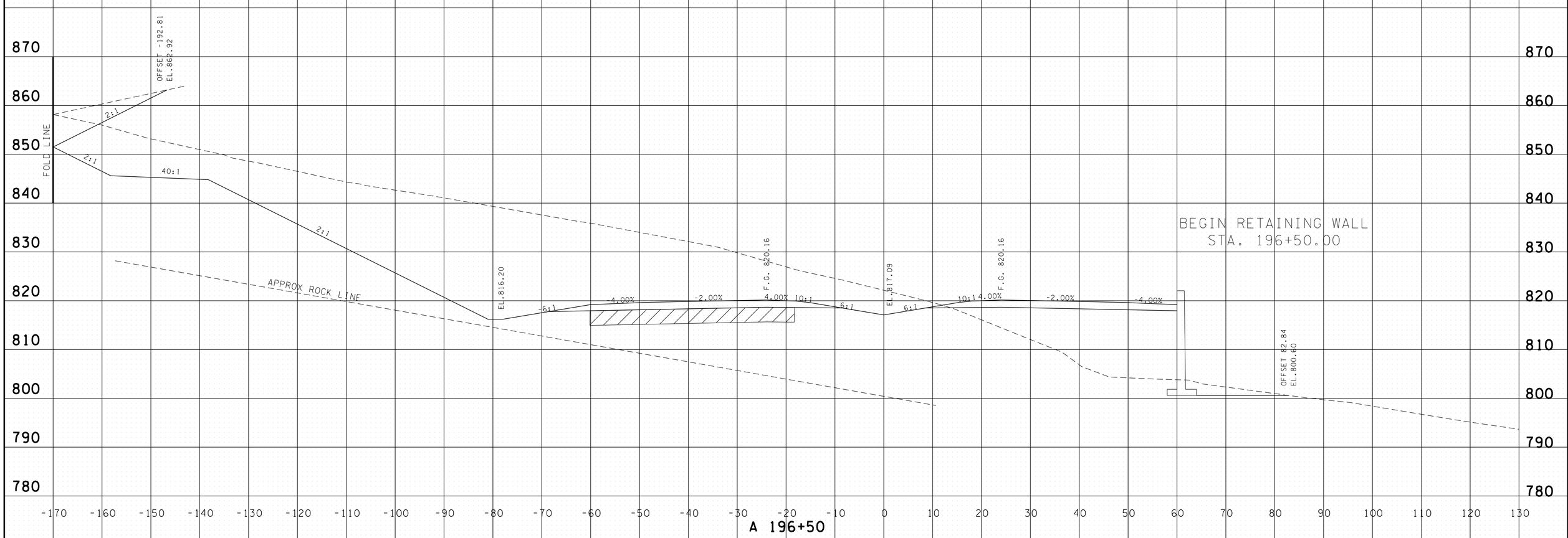
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	299

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 196+50 TO STA.A 196+50

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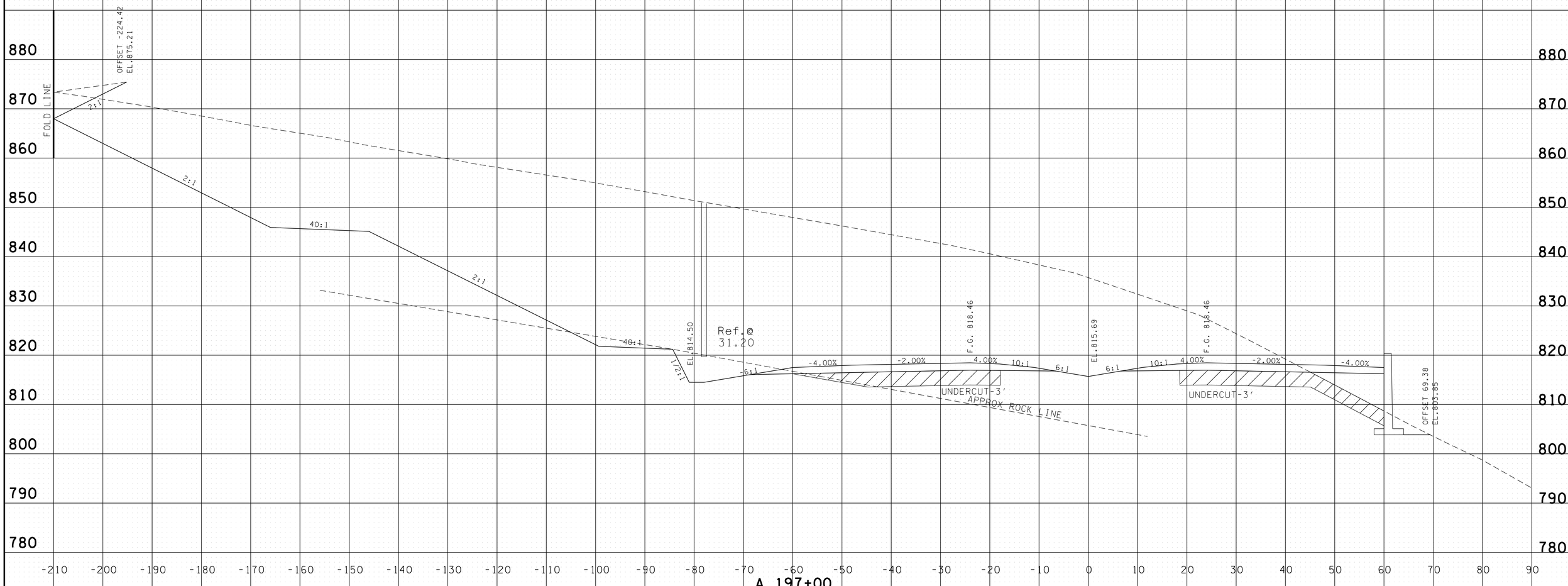
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	300

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 197+00 TO STA.A 197+00

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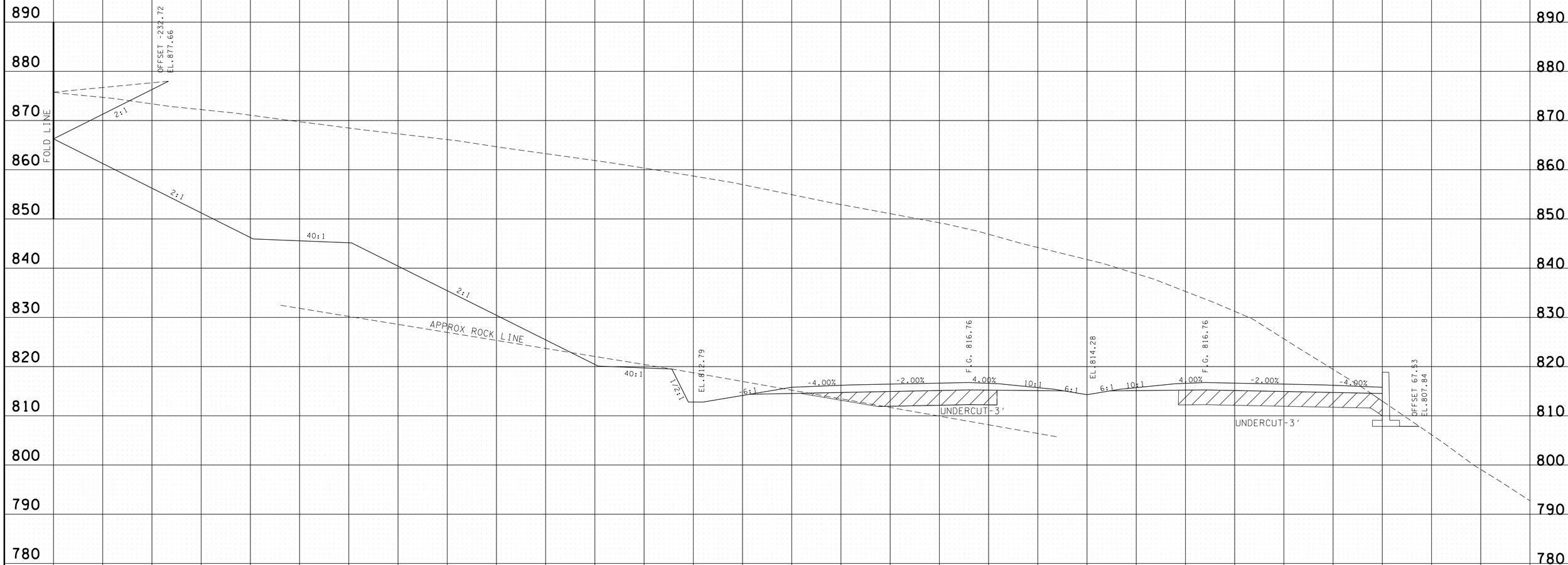
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	301

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 197+50 TO STA.A 197+50

4/30/2014 11:37:51 AM
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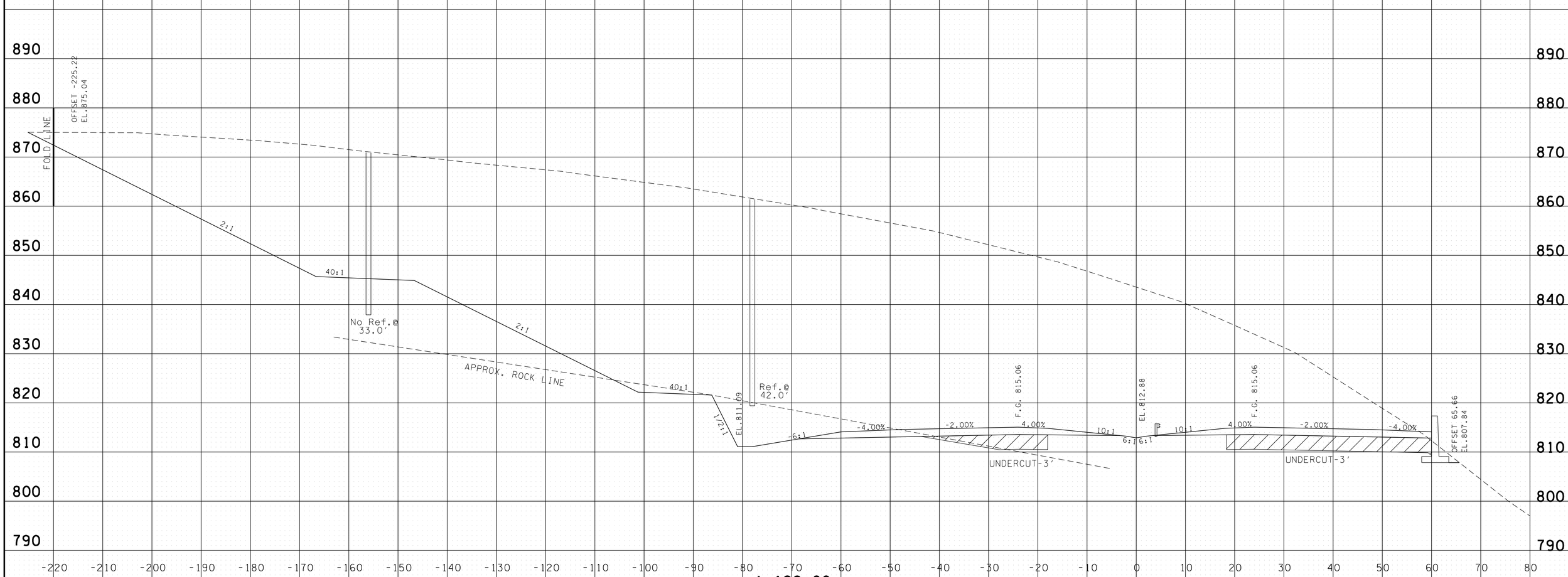
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	302

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 198+00 TO STA.A 198+00

4/30/2014 11:37:53 AM
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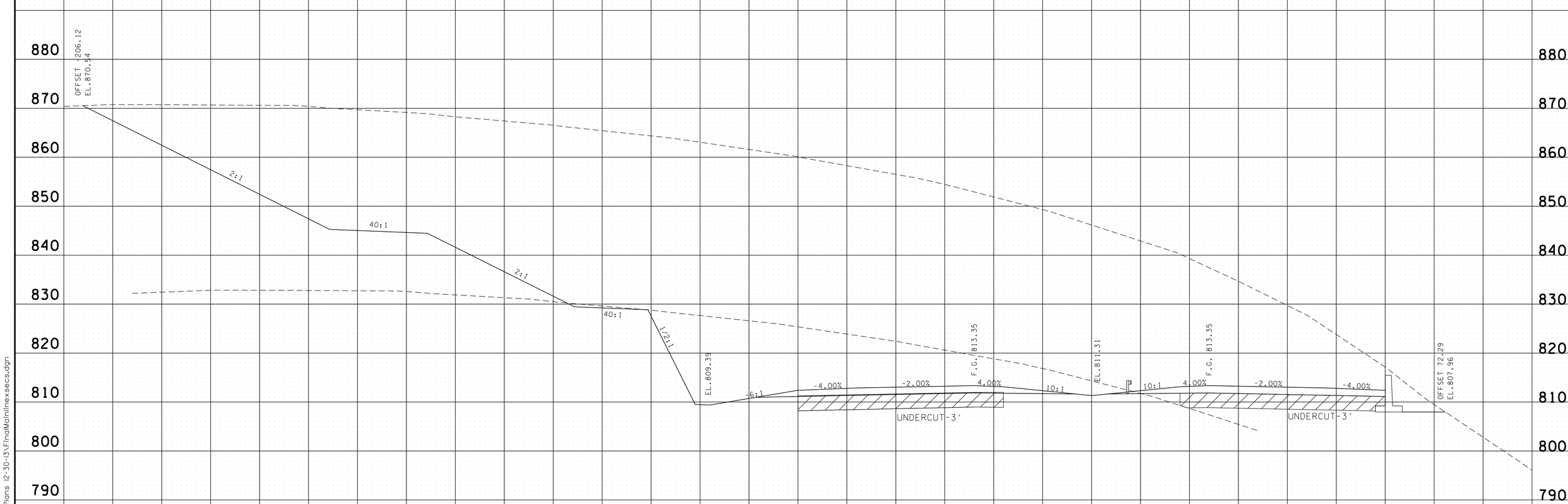
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	303

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 198+50 TO STA.A 198+50

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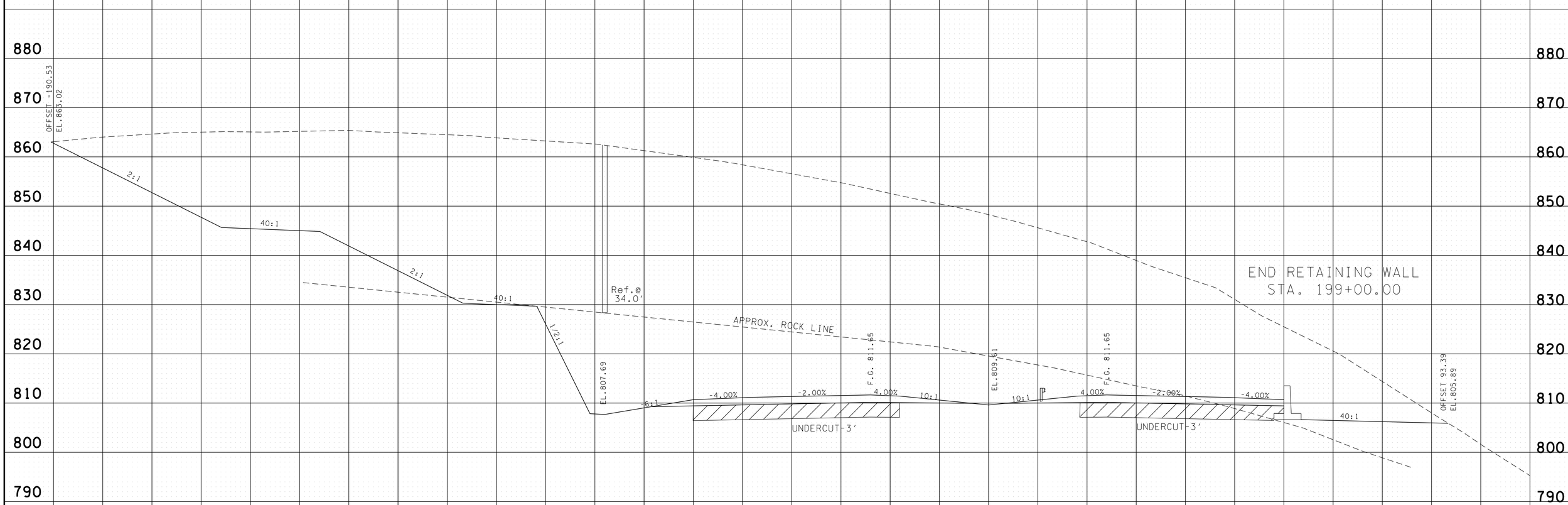
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	304

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 199+00 TO STA.A 199+00

4/30/2014 11:37:56 AM
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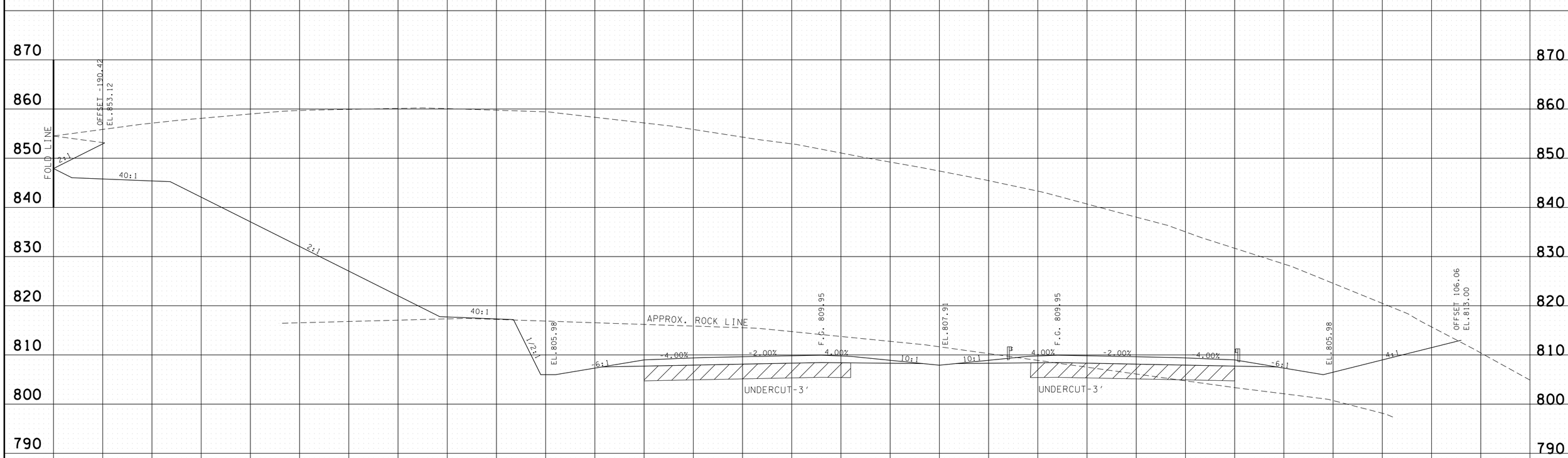
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	305

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 199+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 199+50 TO STA.A 199+50

4/30/2014 11:37:58 AM
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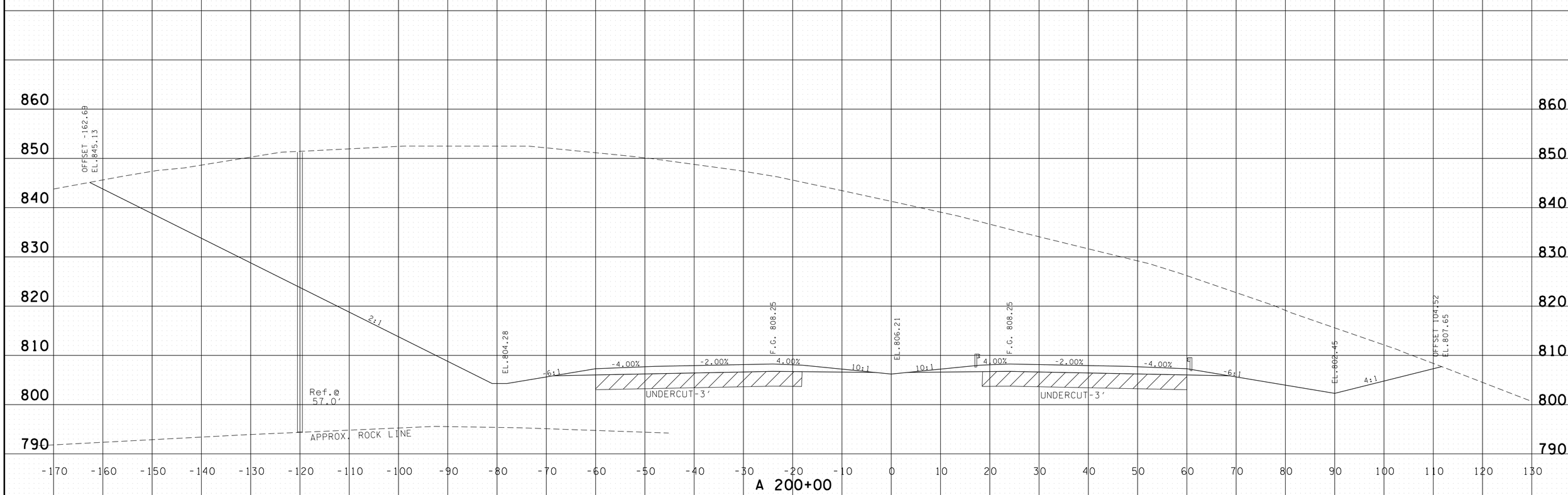
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	306

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 200+00 TO STA.A 200+00

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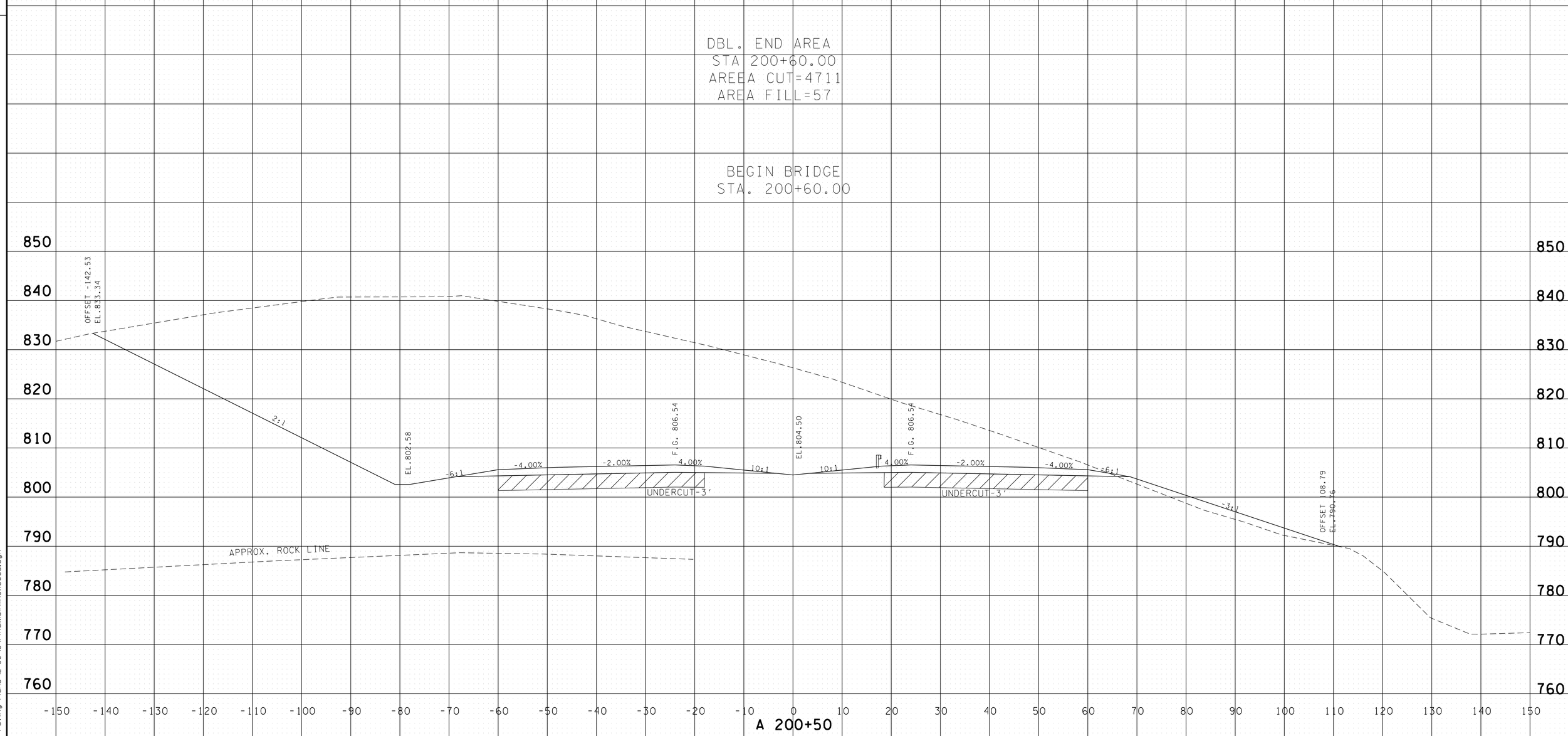
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	307

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 200+50 TO STA.A 200+50

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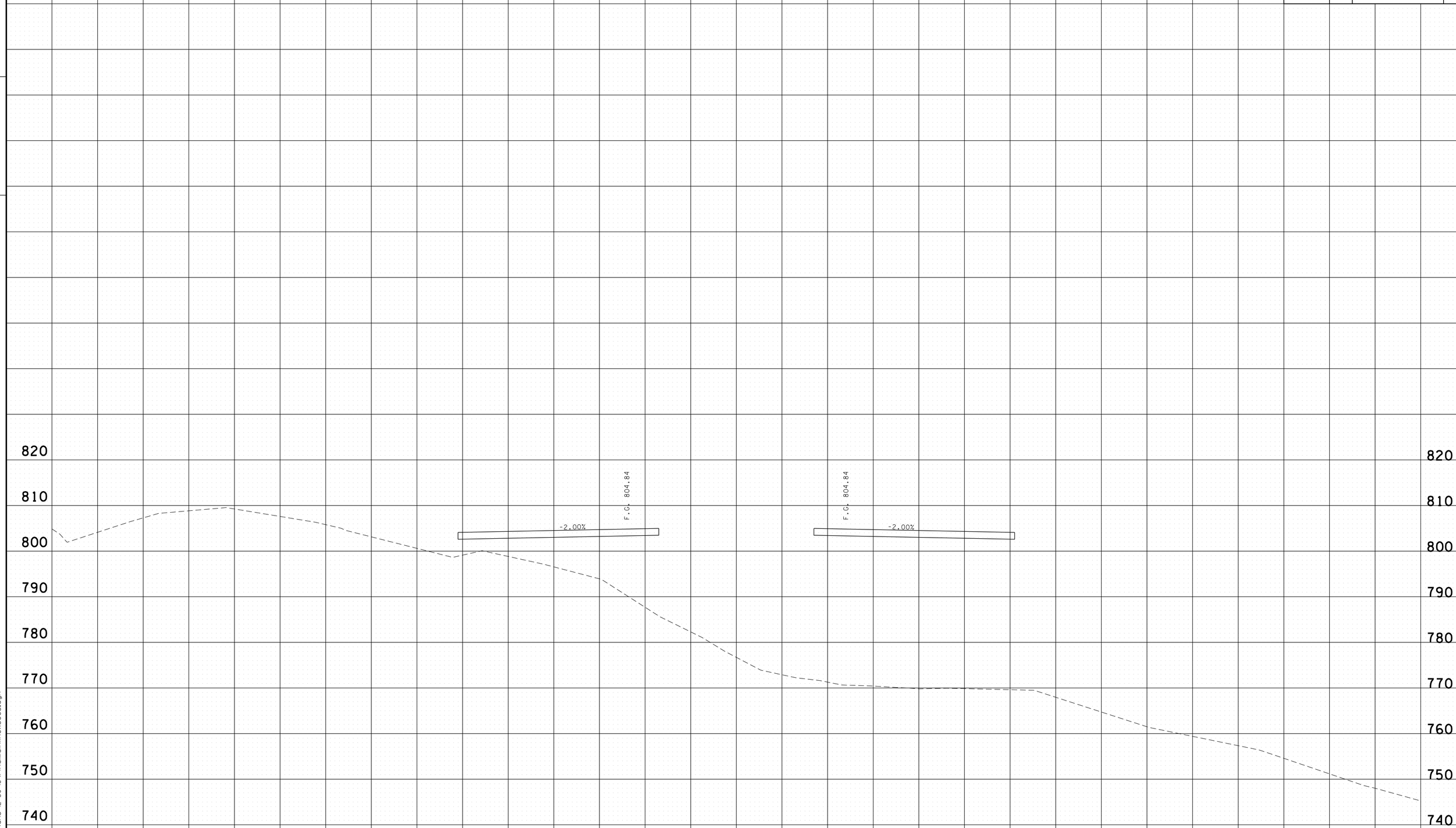
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	308

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 201+00 TO STA.A 201+00

4/30/2014 11:38:03 AM
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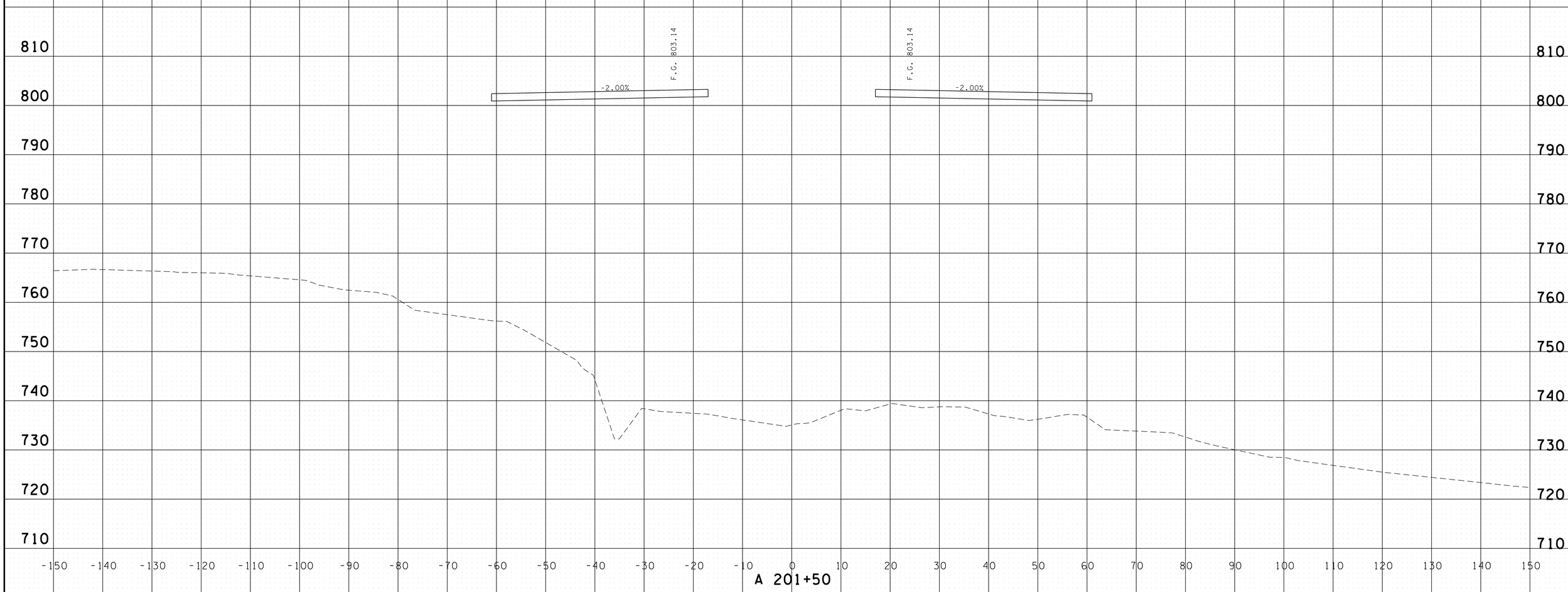
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	309

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 201+50 TO STA.A 201+50

4/30/2014 11:38:05 AM
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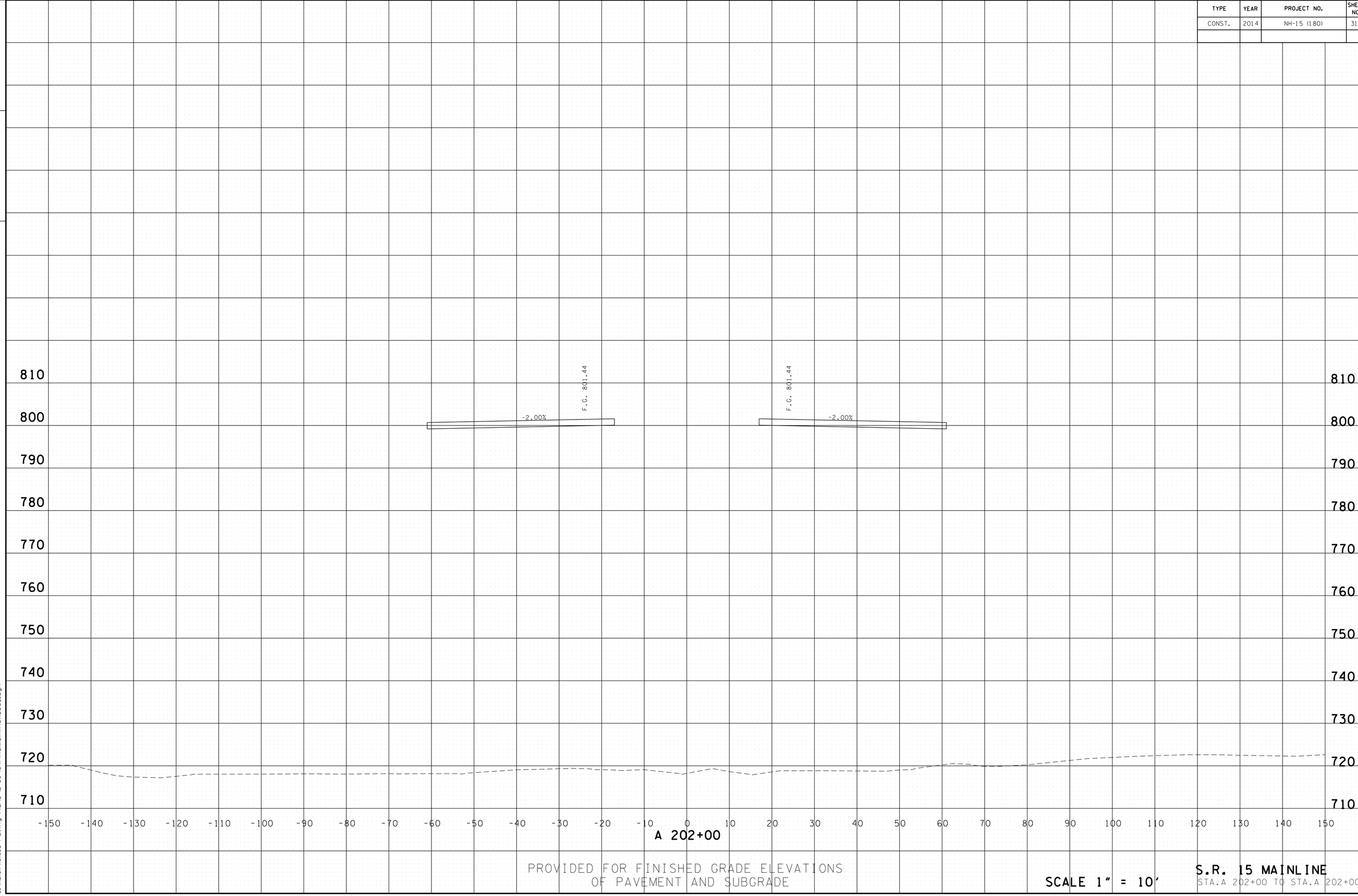
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	310



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 202+00 TO STA.A 202+00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

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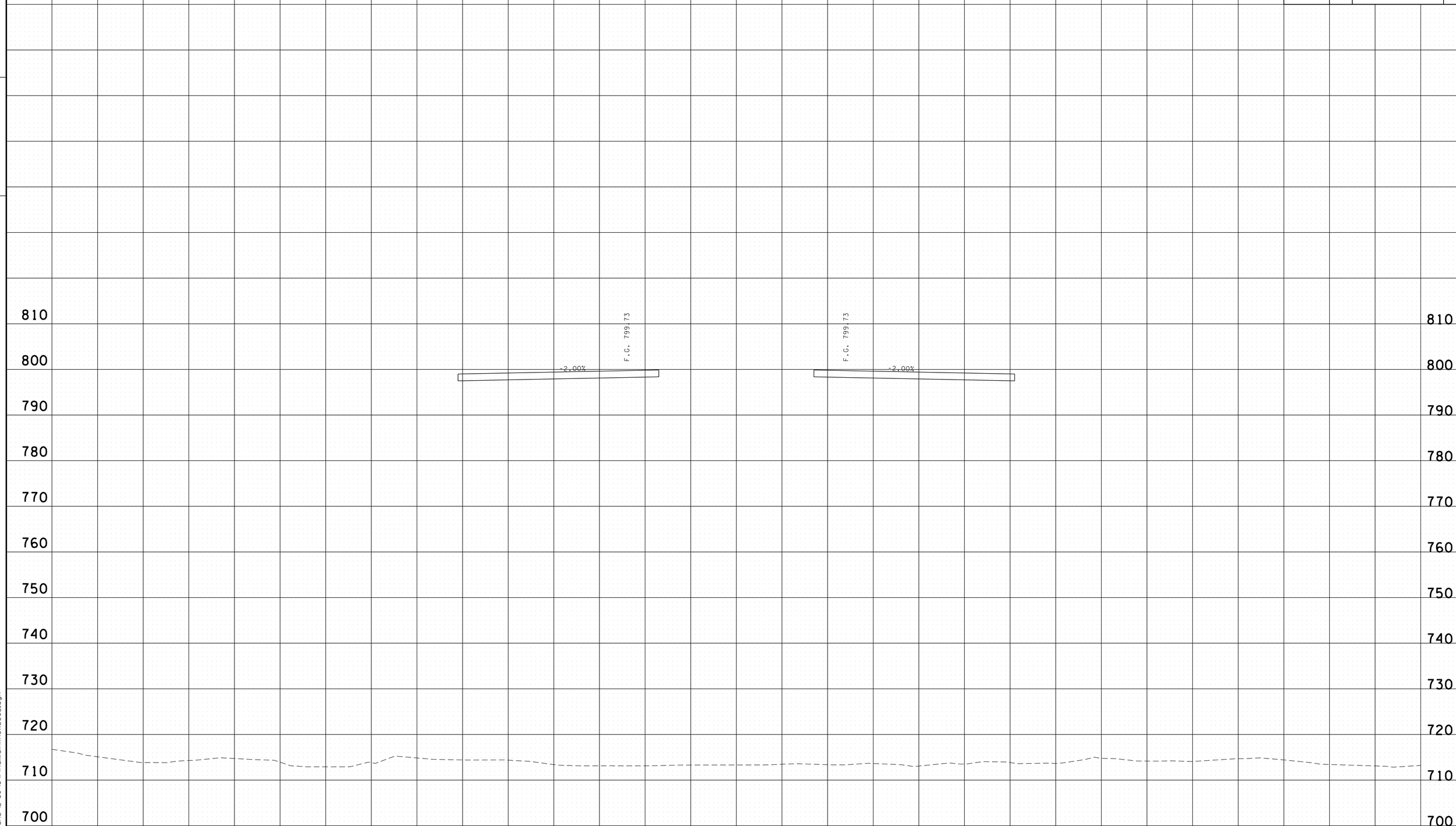
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	311

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 202+50 TO STA.A 202+50

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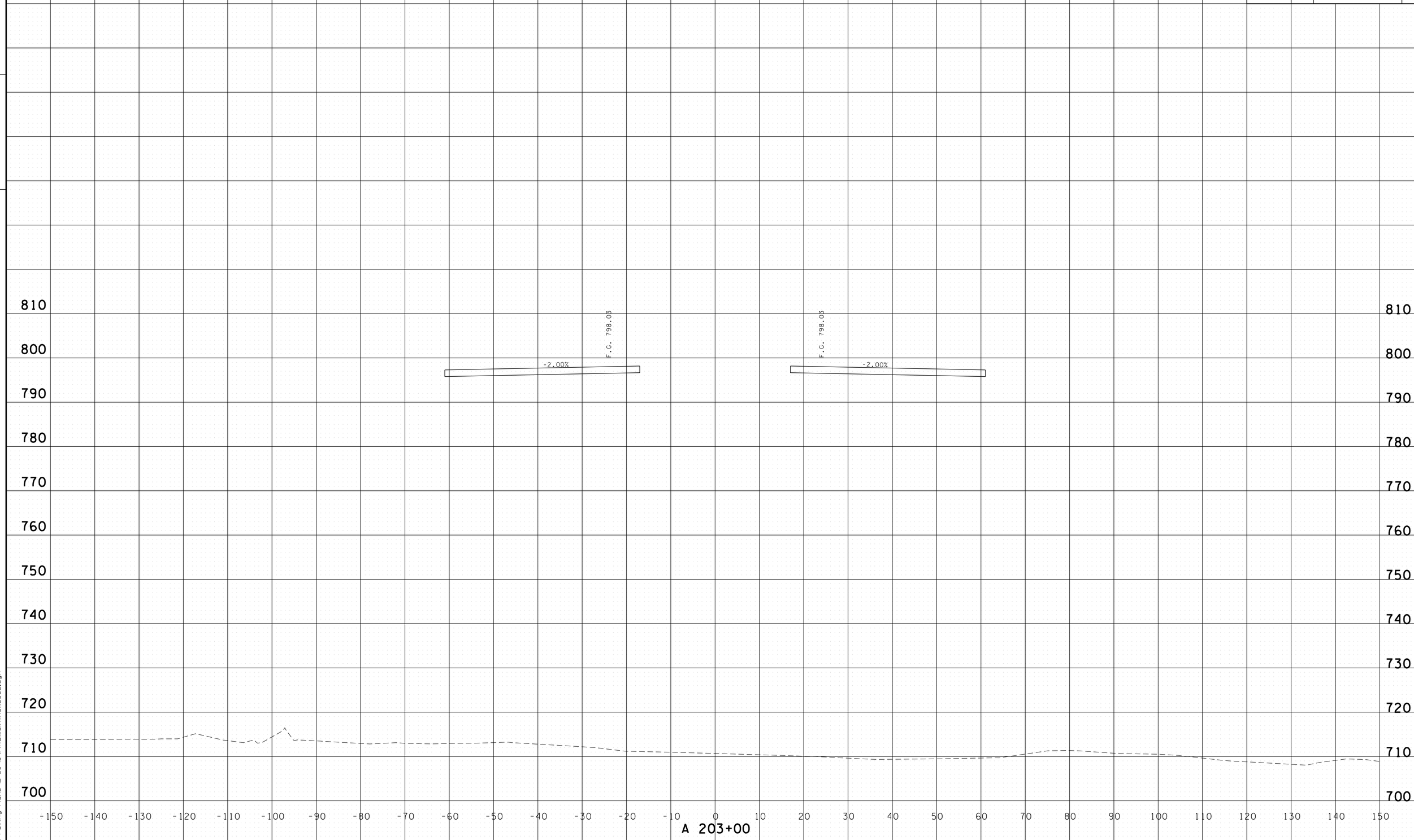
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	312

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 203+00 TO STA.A 203+00

4/30/2014 11:38:10 AM
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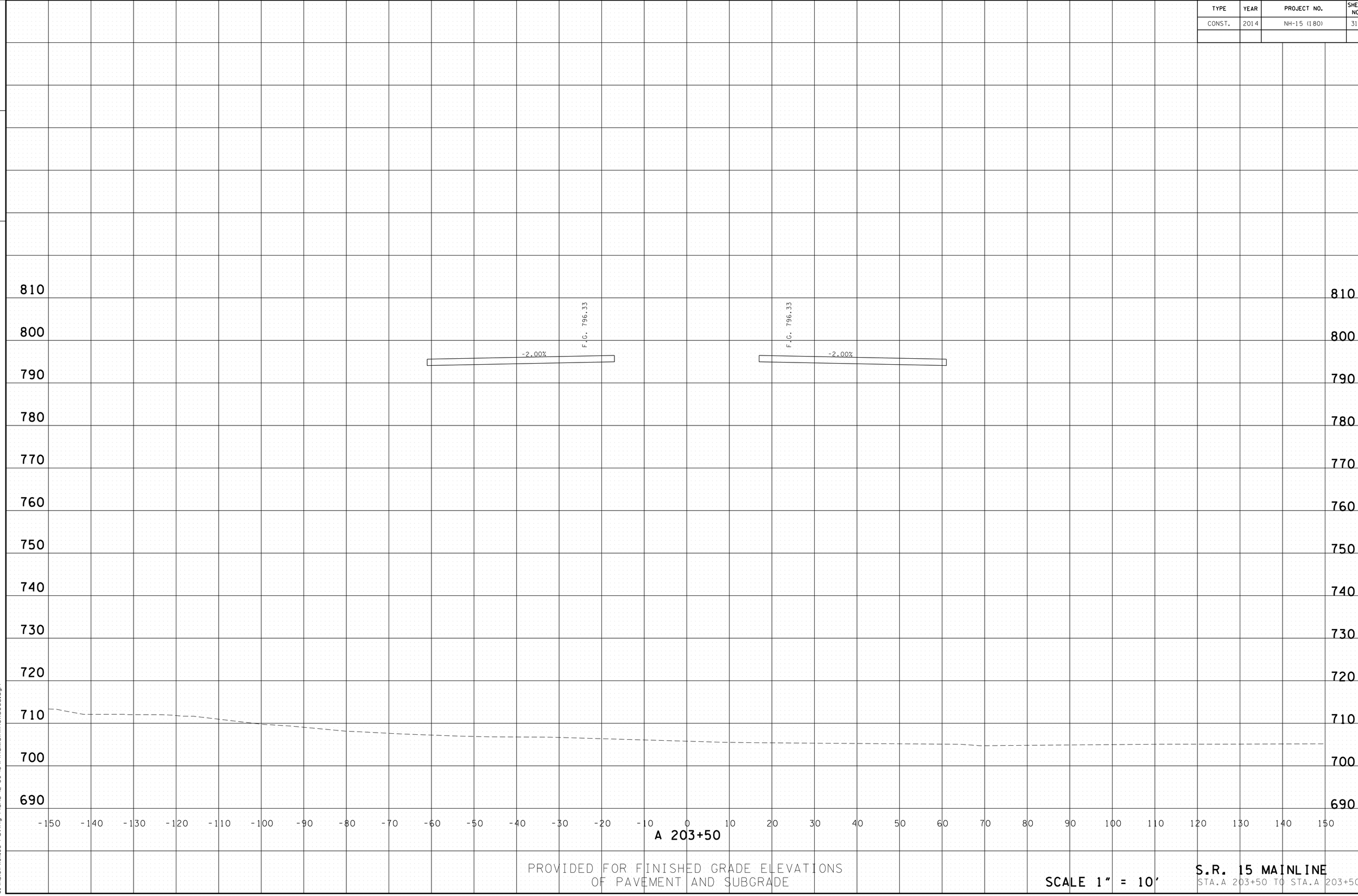
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	313

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 203+50 TO STA.A 203+50

4/30/2014 11:38:11 AM
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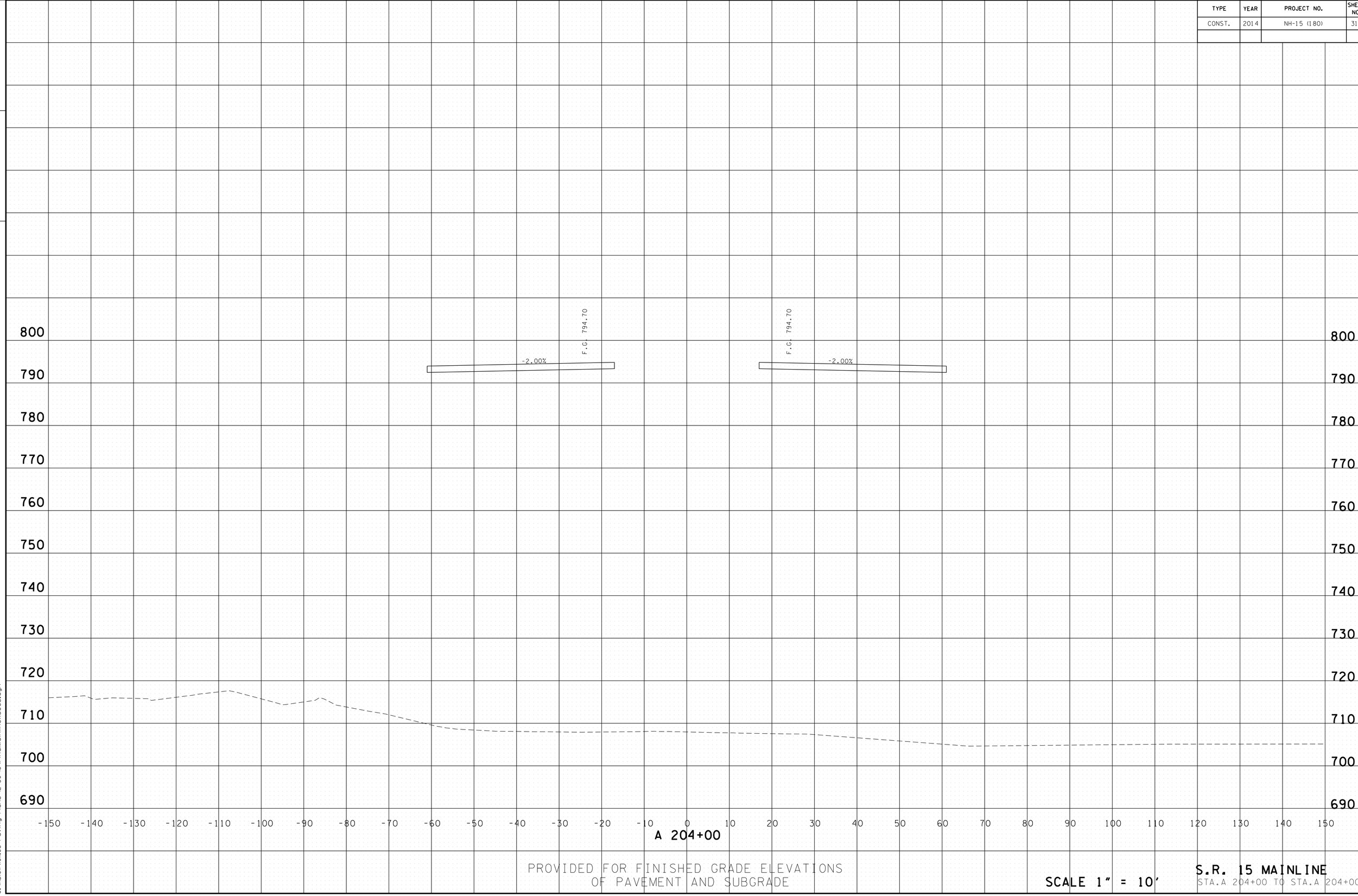
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	314

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 204+00 TO STA.A 204+00

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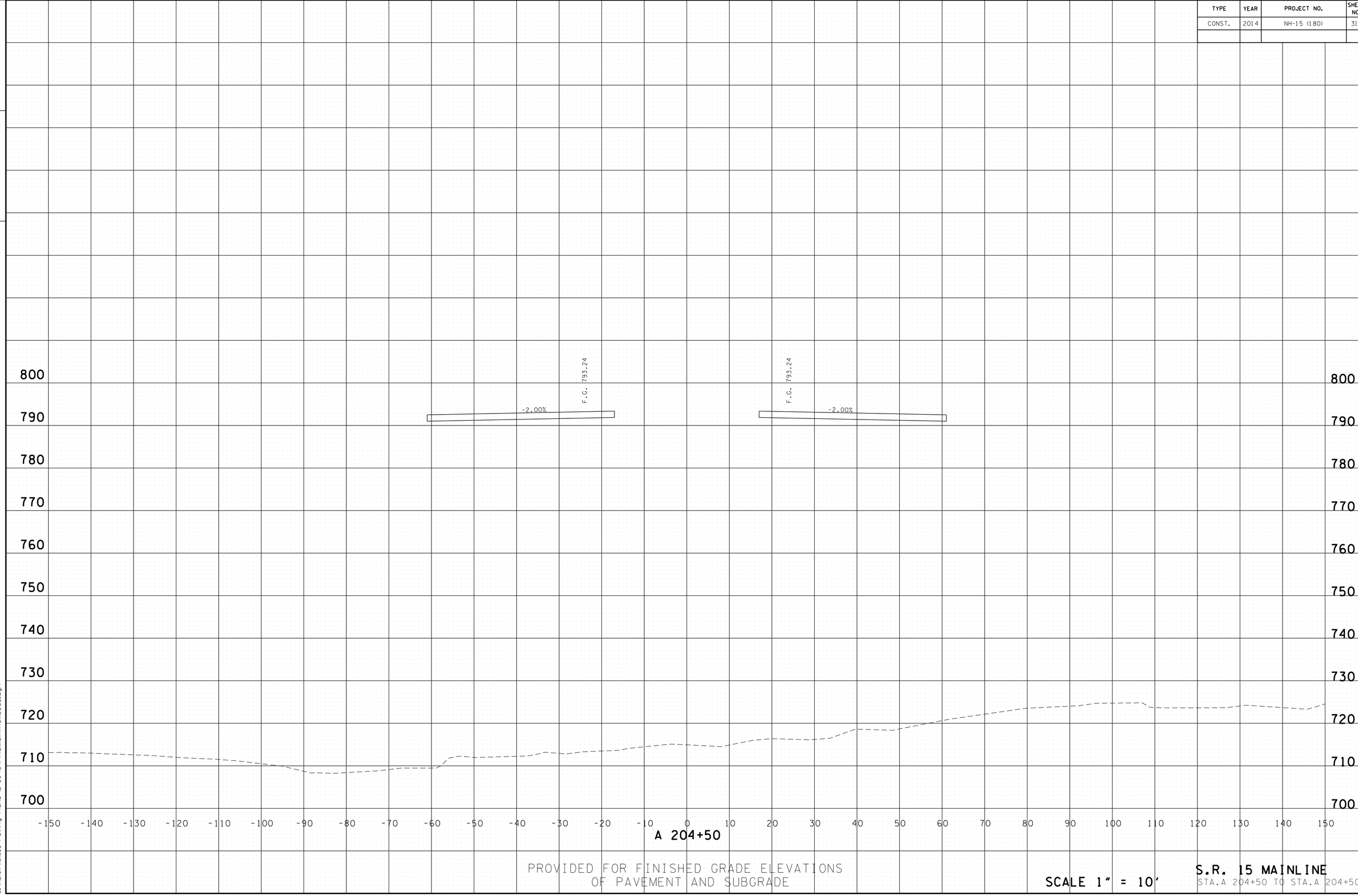
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	315



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 204+50 TO STA.A 204+50

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

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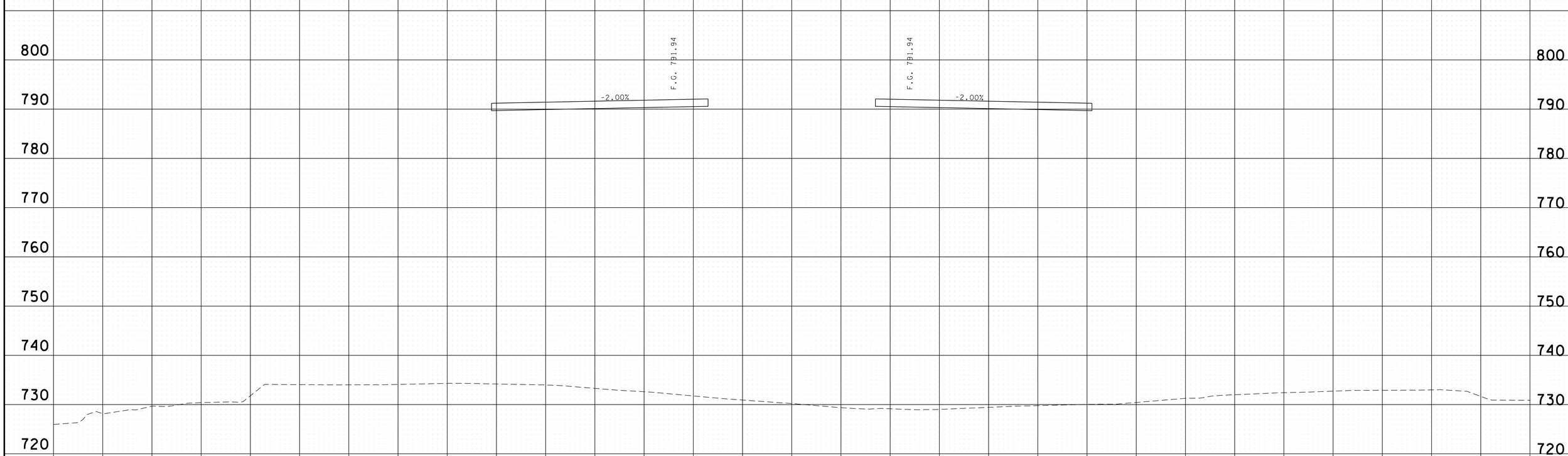
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	316

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 205+00 TO STA.A 205+00

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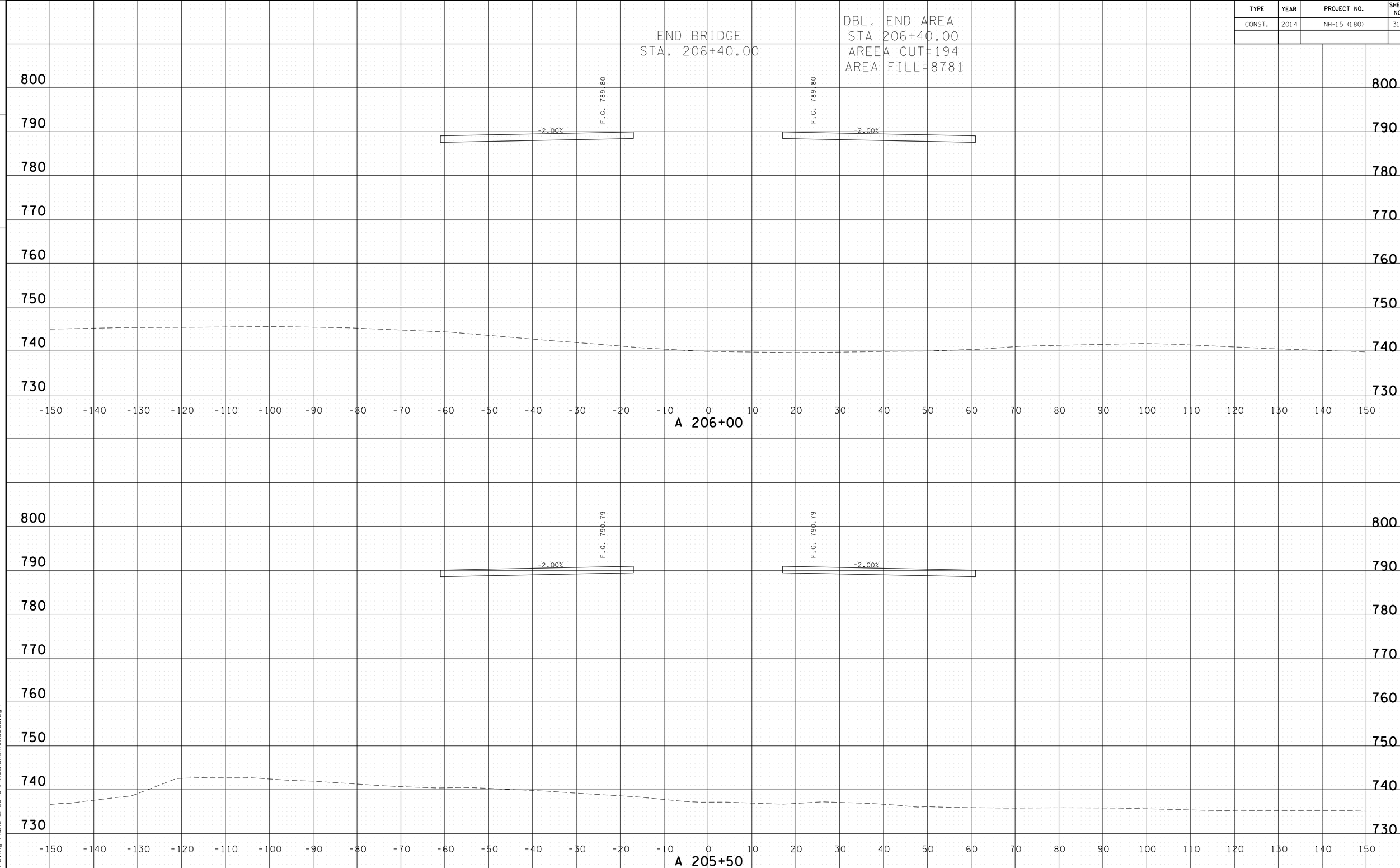
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	317



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 205+50 TO STA.A 206+00

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

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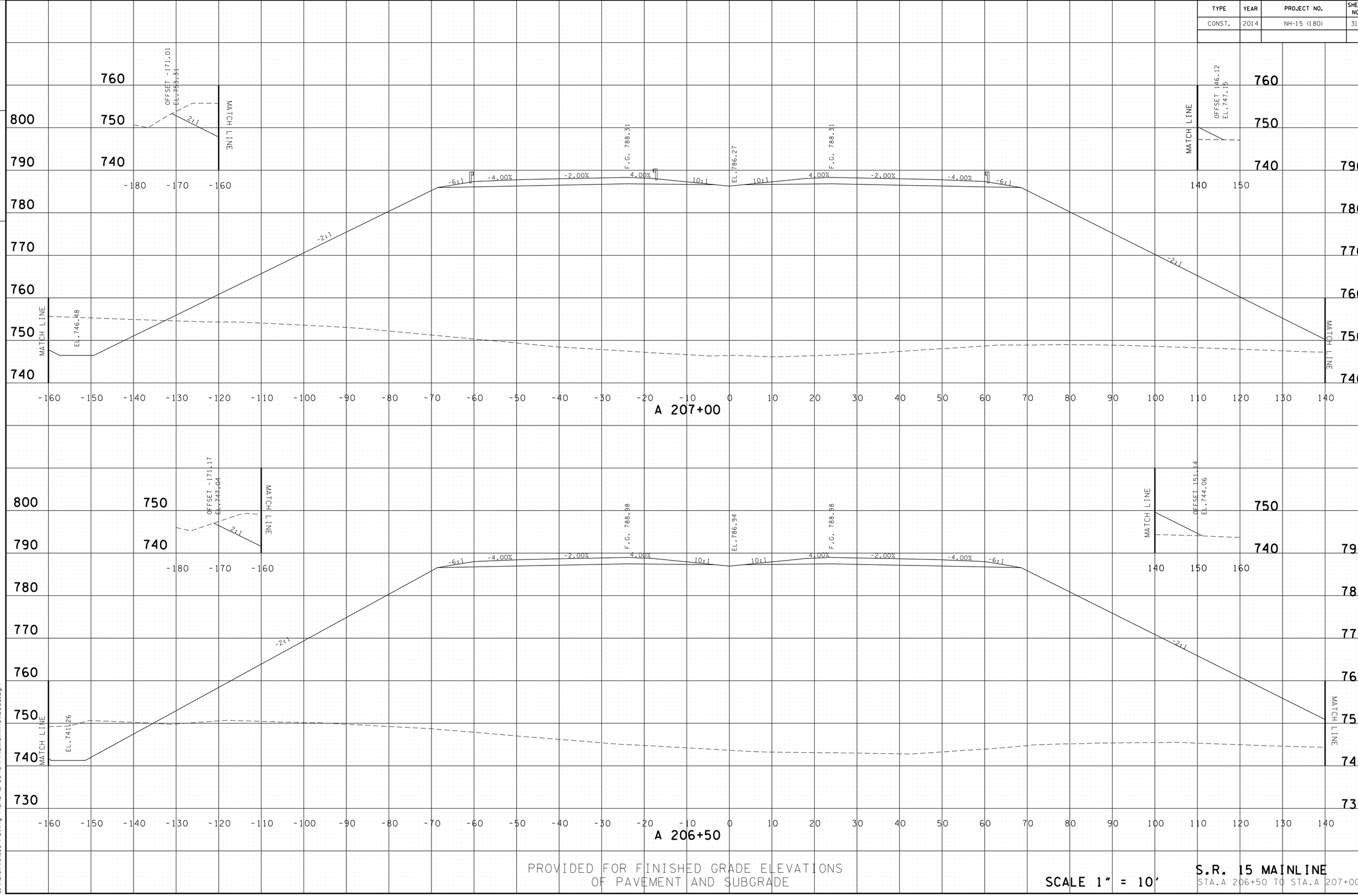
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	318

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 206+50 TO STA.A 207+00

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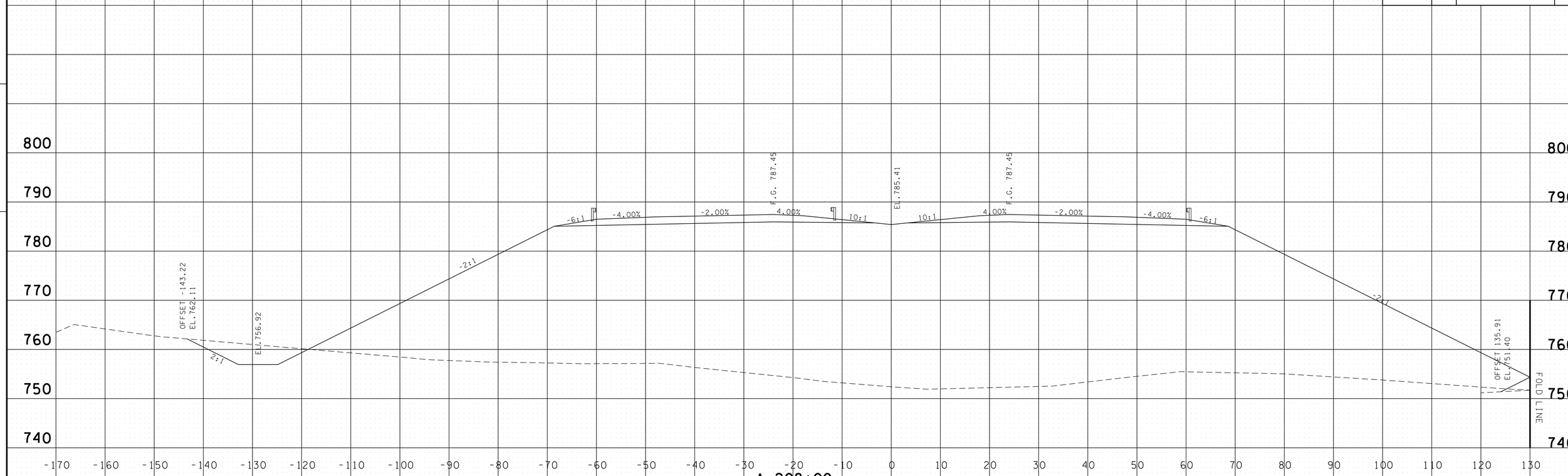
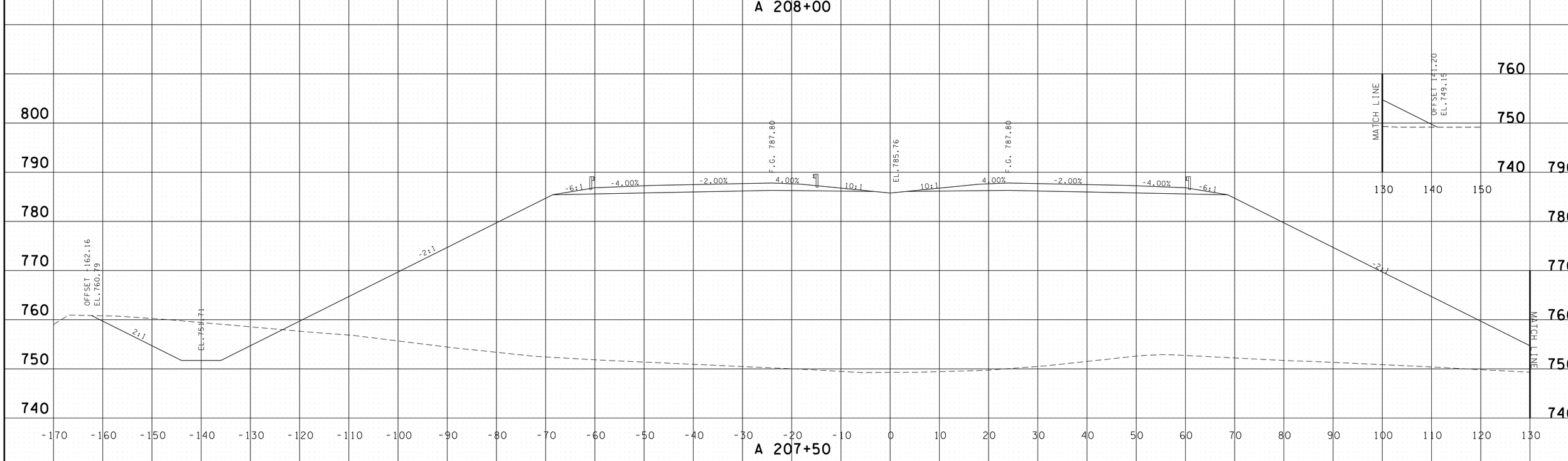
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	319

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 207+50 TO STA.A 208+00

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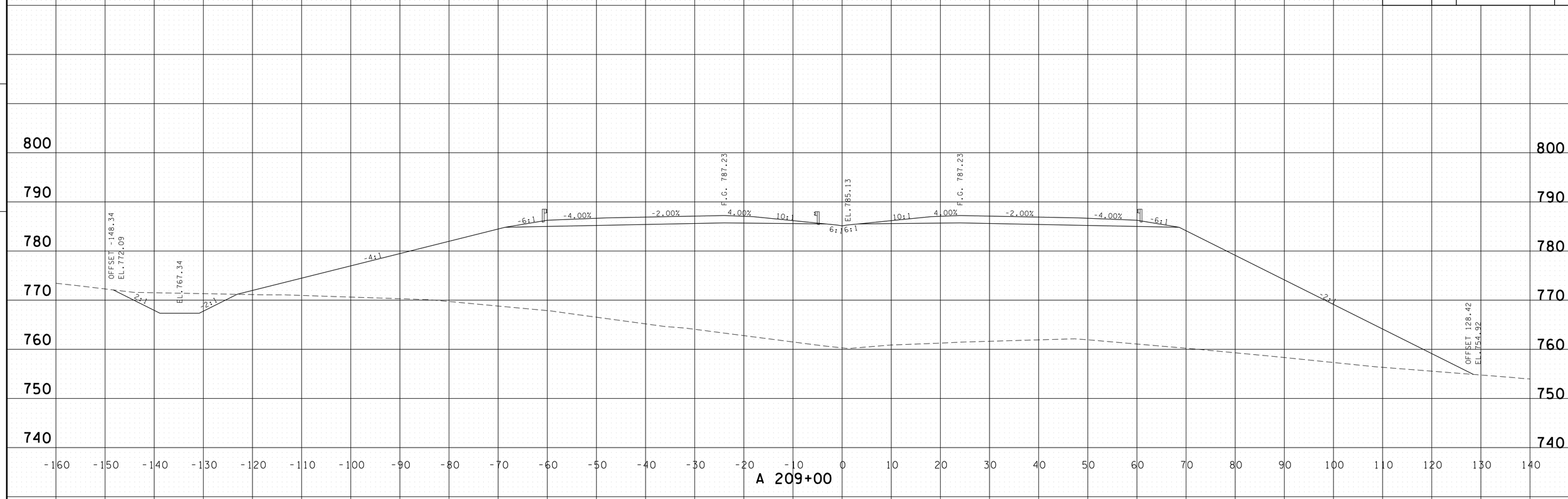
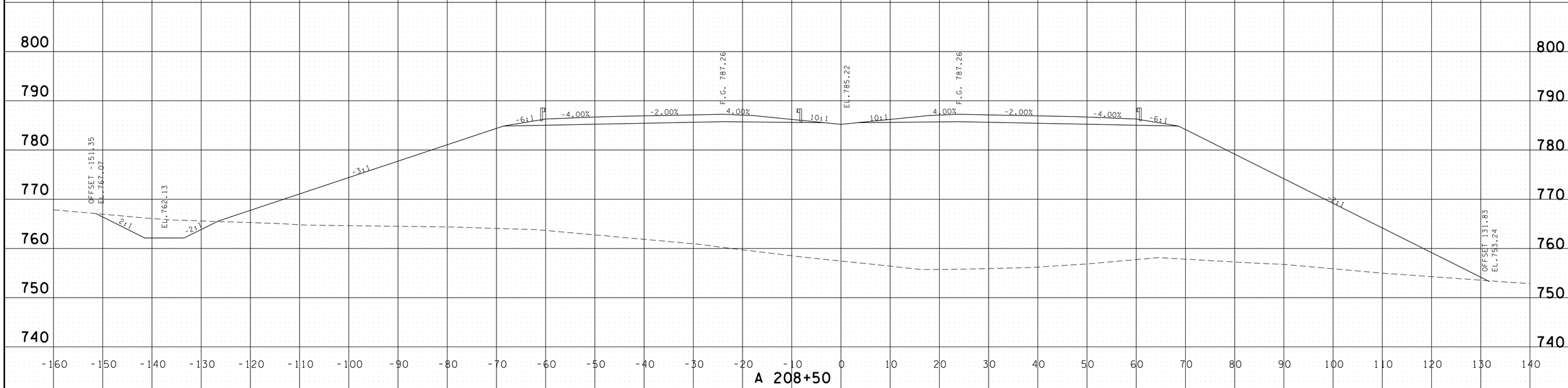
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	320

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 209+00



A 208+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 208+50 TO STA.A 209+00

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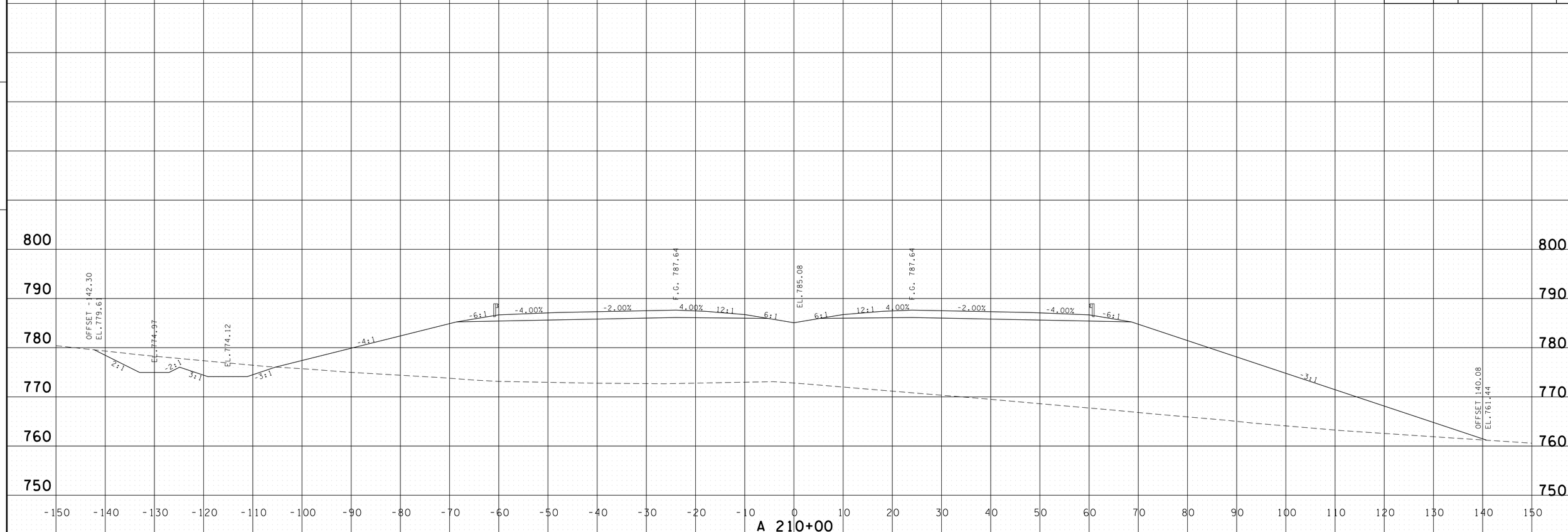
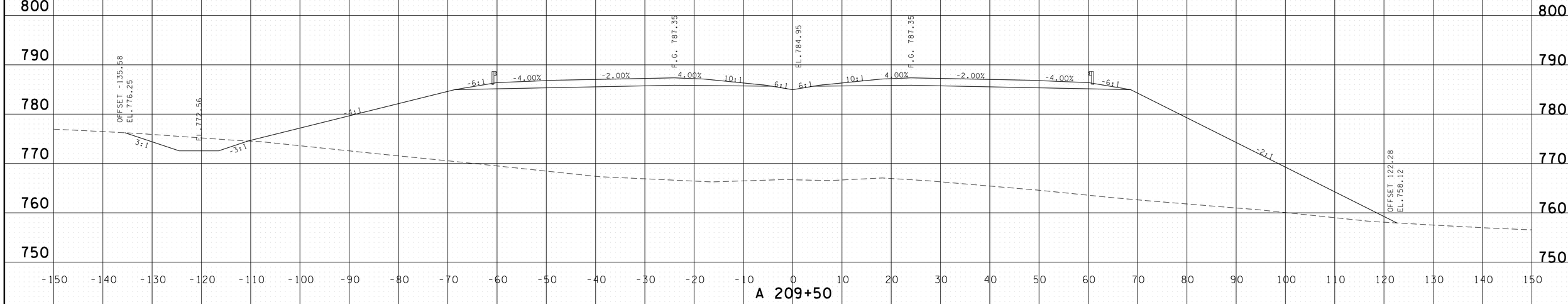
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	321

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 210+00



A 209+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 209+50 TO STA.A 210+00

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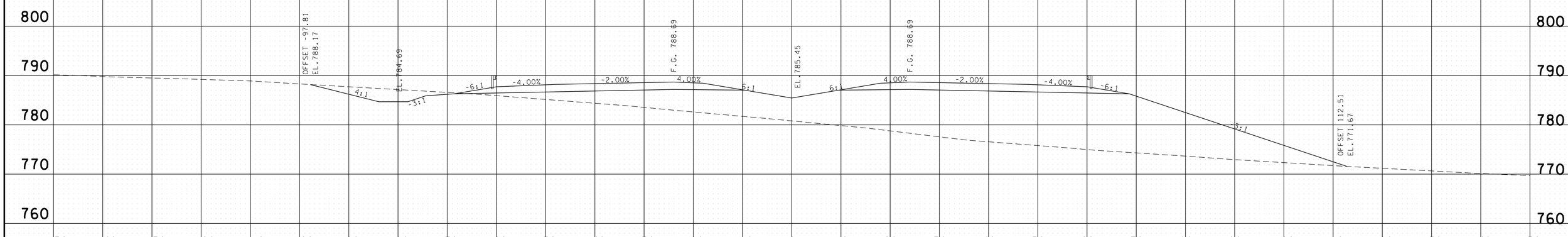
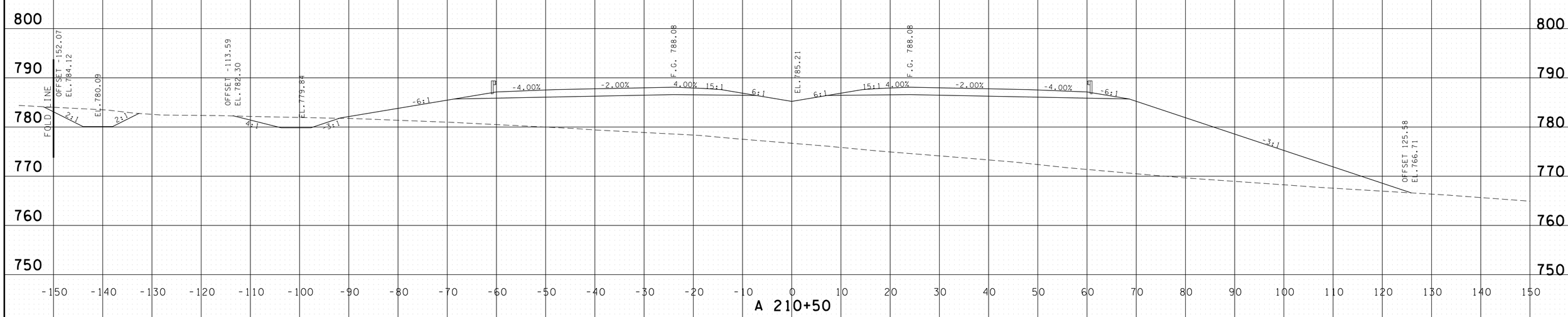
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	322

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 211+00



A 210+50

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 210+50 TO STA.A 211+00

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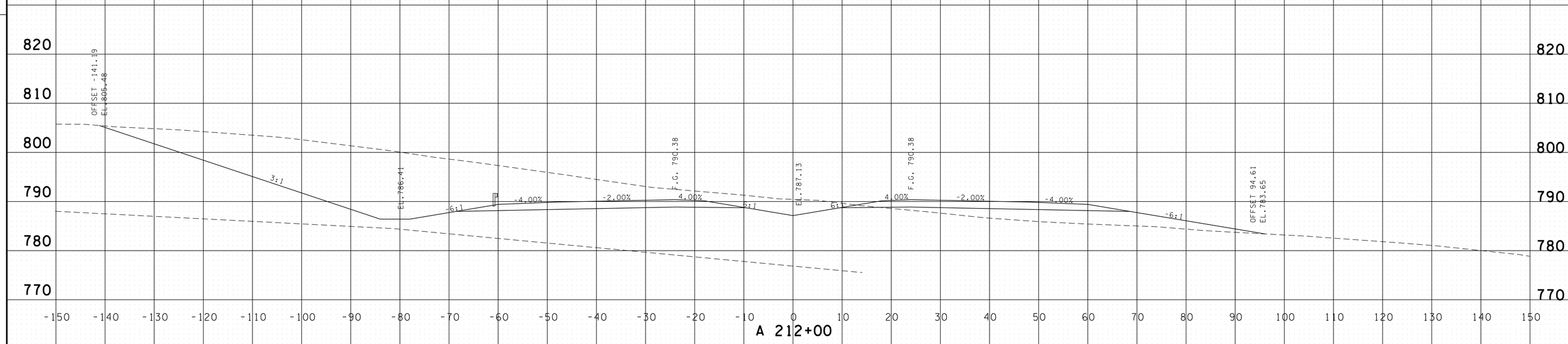
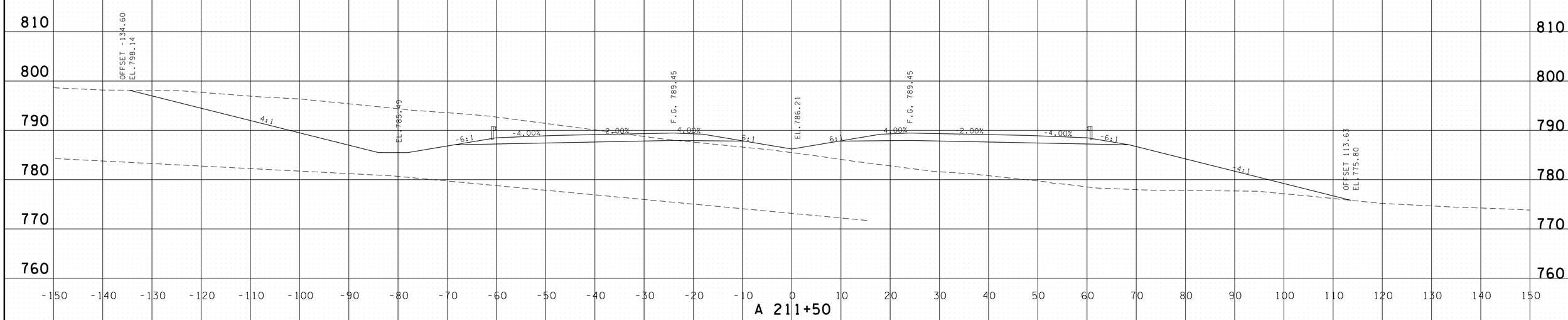
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	323

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 211+50 TO STA.A 212+00

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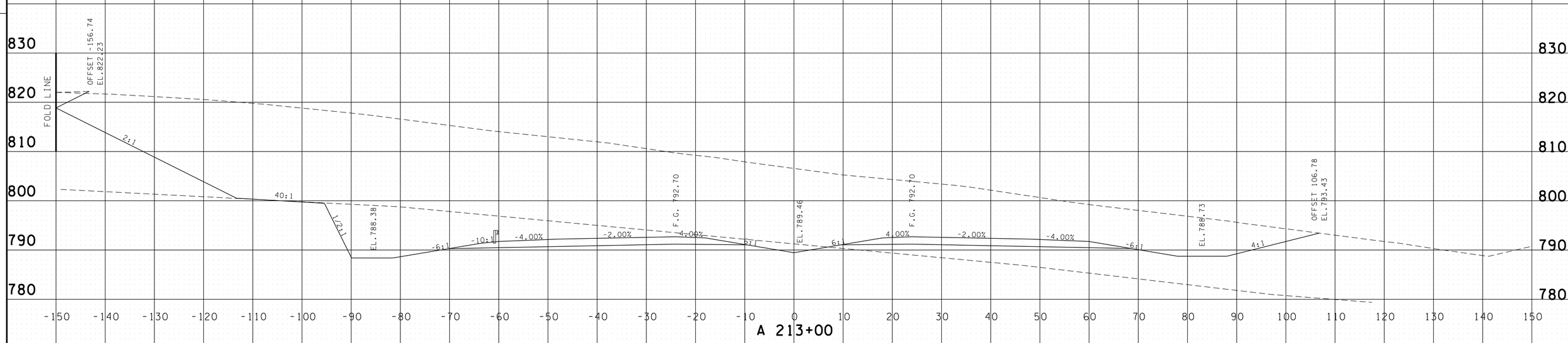
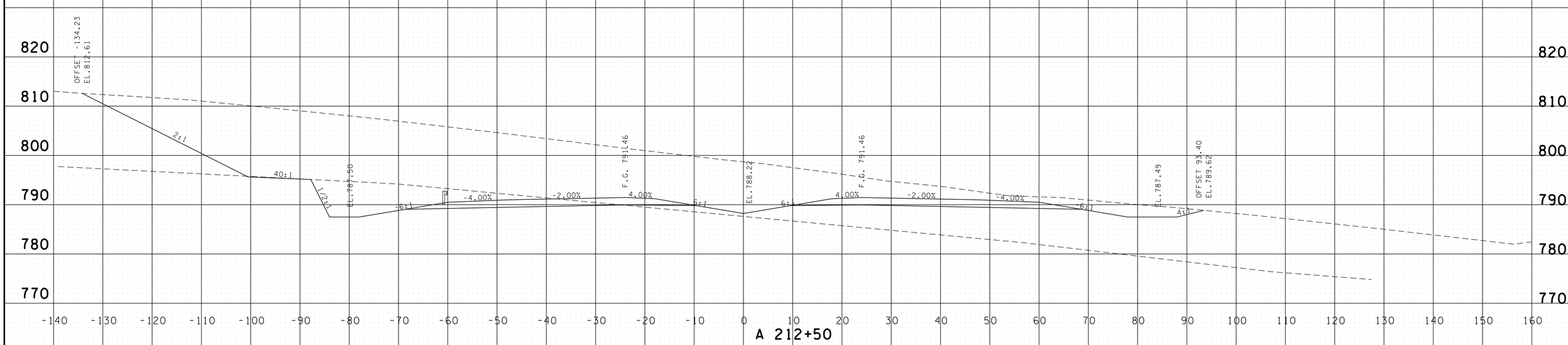
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	324

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 212+50 TO STA.A 213+00

4/30/2014 11:38:30 AM
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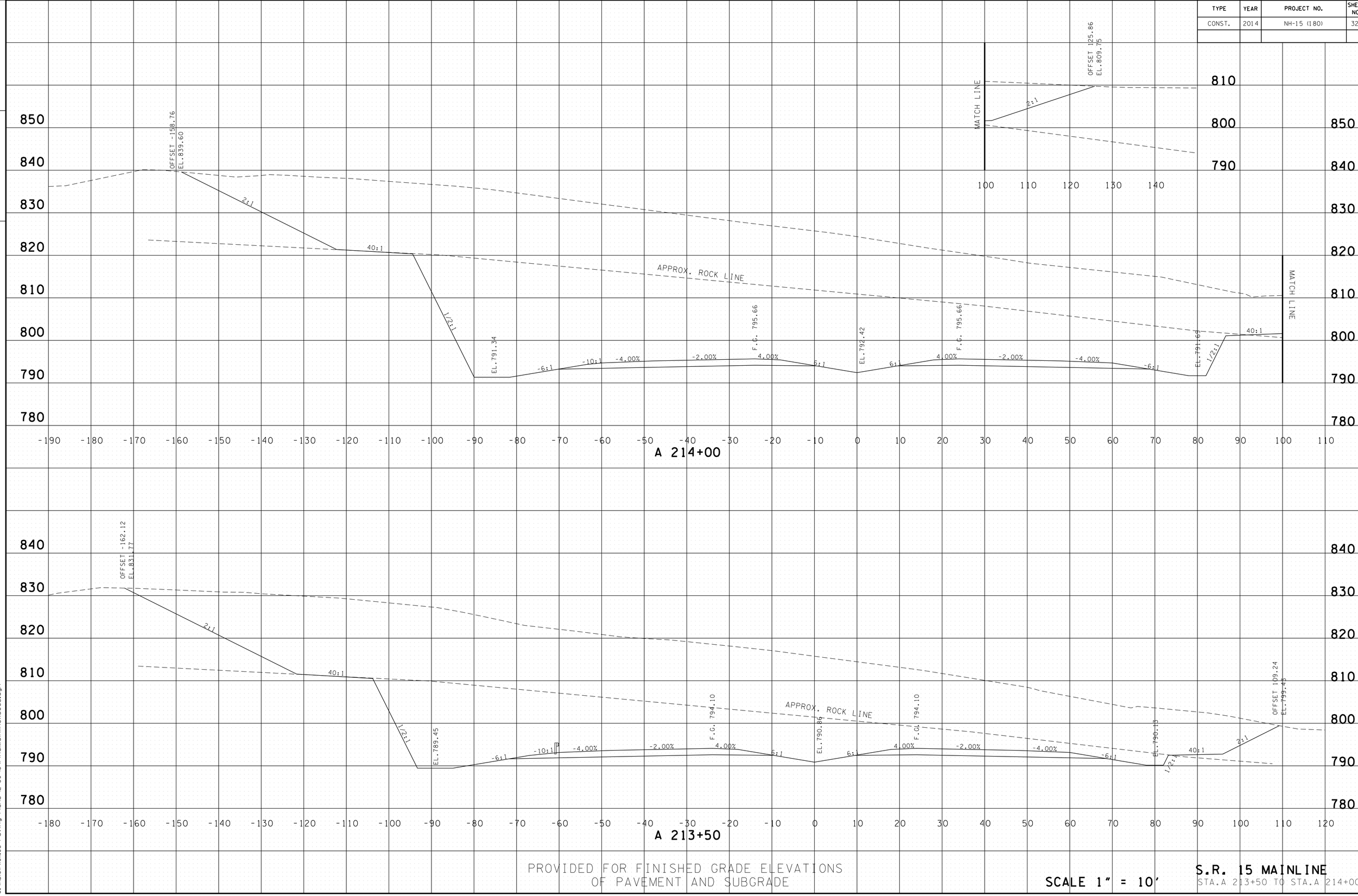
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	325

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 213+50 TO STA.A 214+00

4/30/2014 11:38:31 AM
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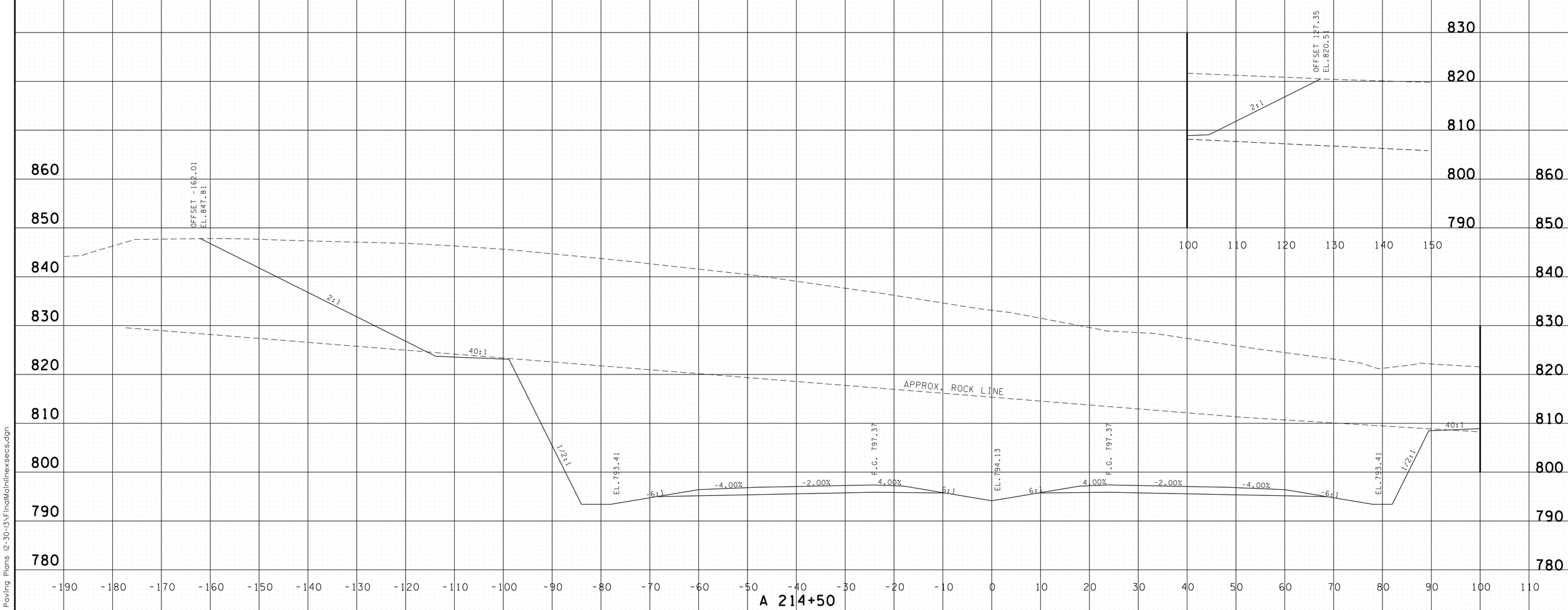
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	326

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 214+50 TO STA.A 214+50

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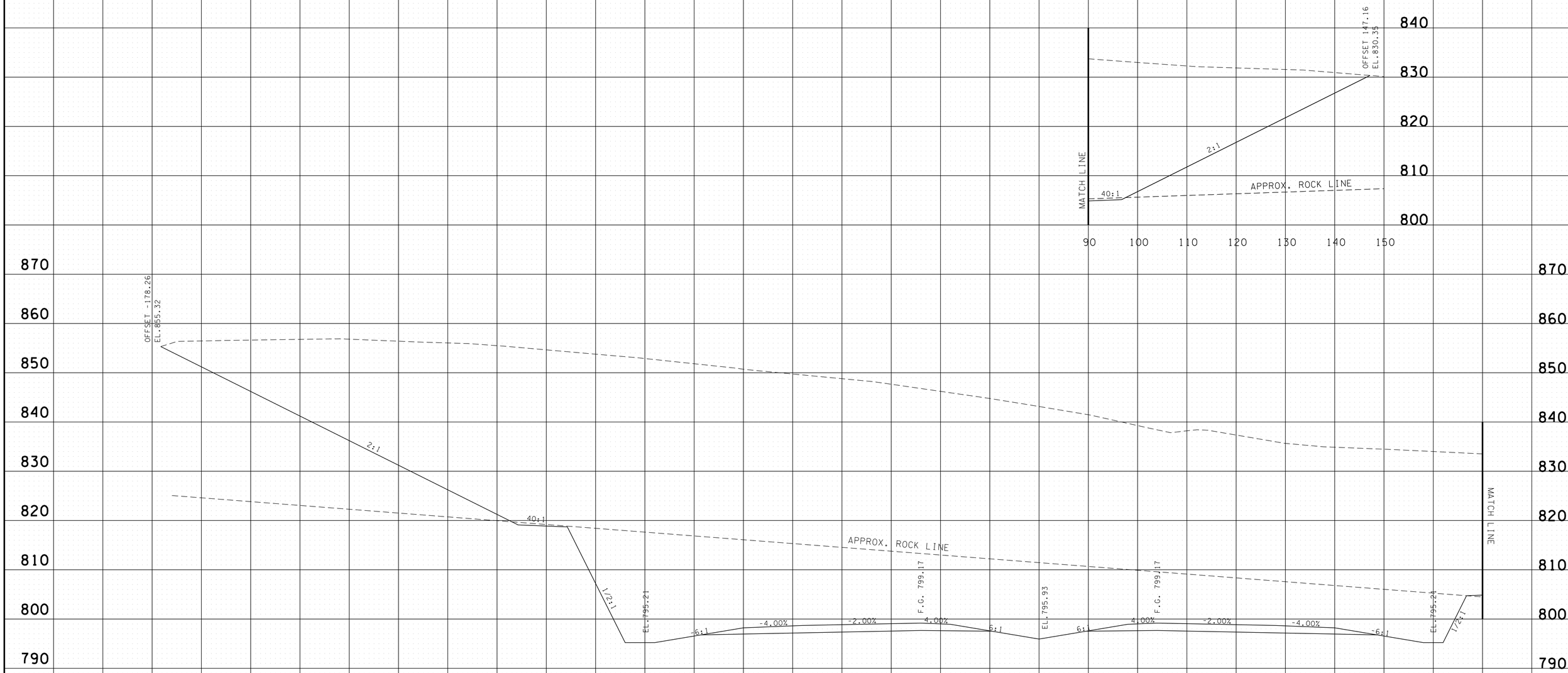
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	327

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



A 215+00

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 215+00 TO STA.A 215+00

4/30/2014 11:38:44 AM
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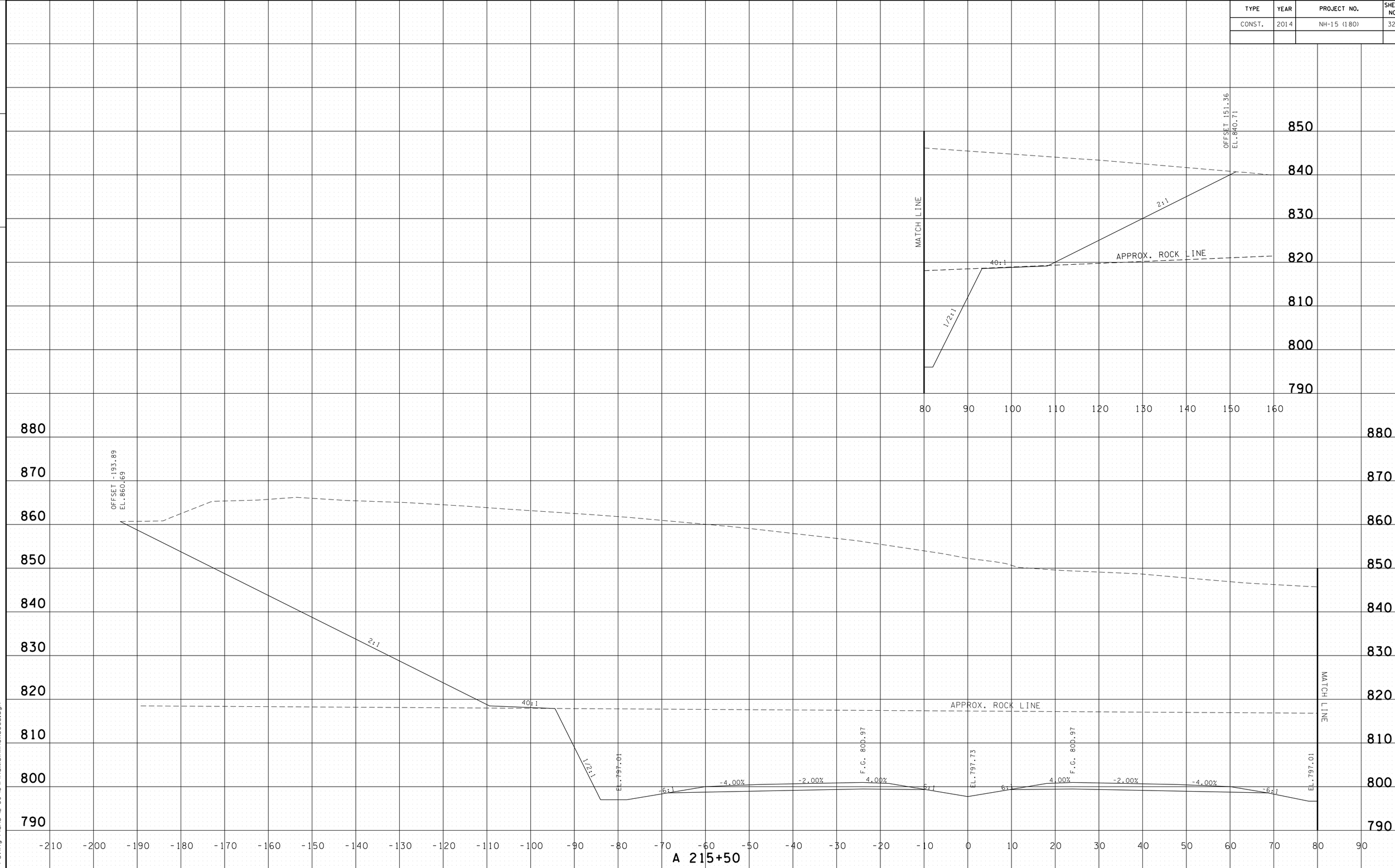
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	328

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 215+50 TO STA.A 215+50

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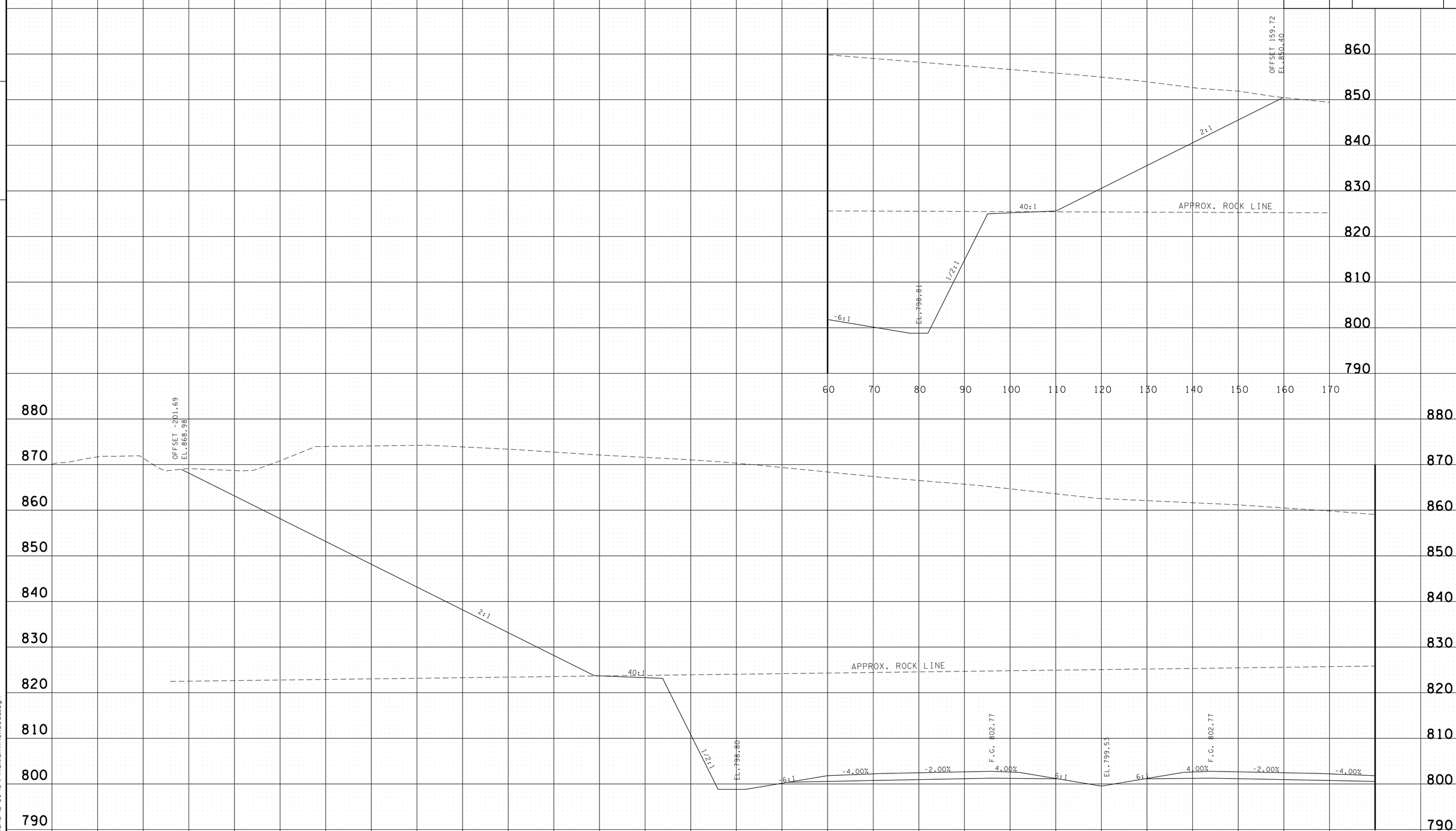
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	329

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 216+00 TO STA.A 216+00

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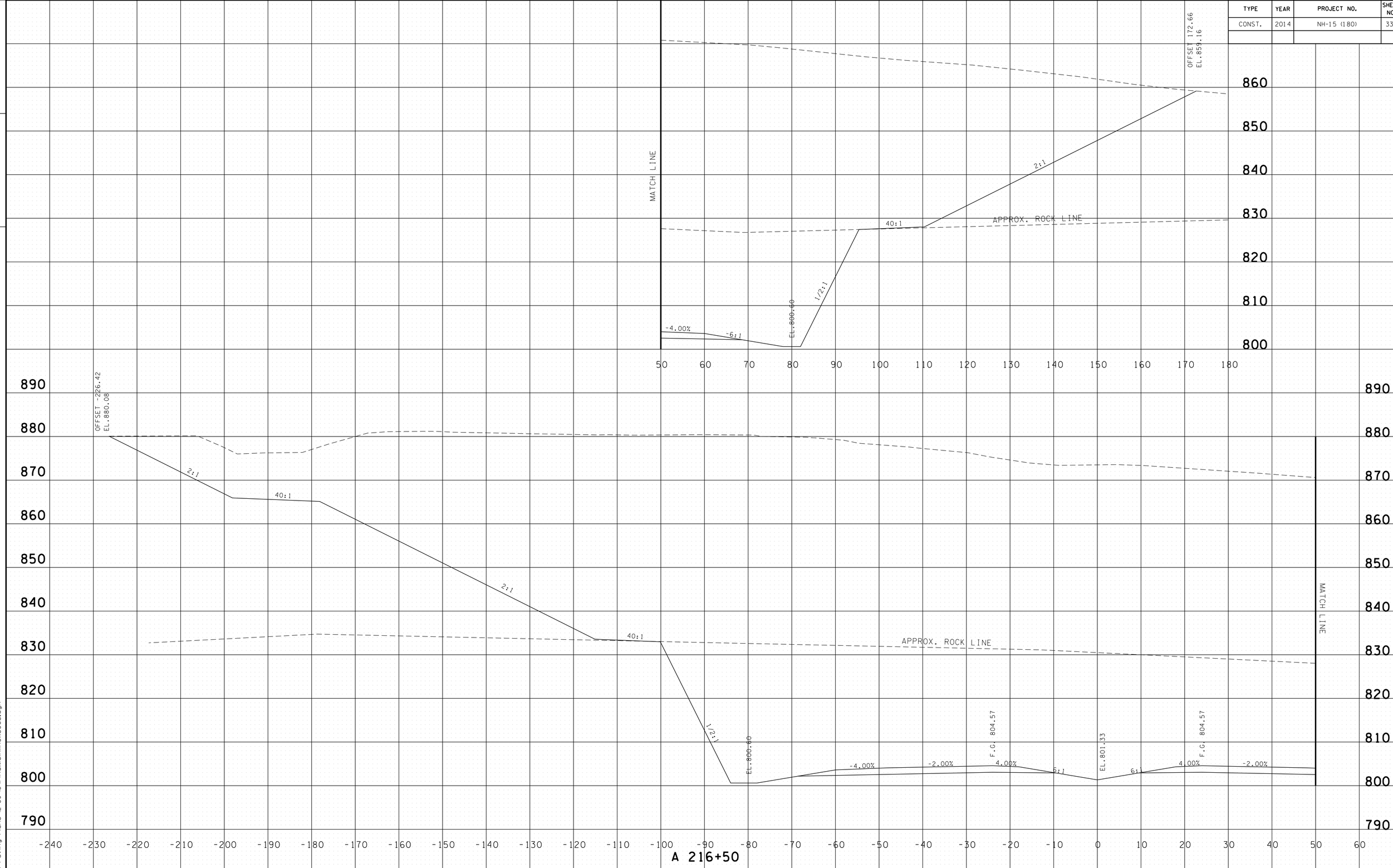
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	330

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 216+50 TO STA.A 216+50

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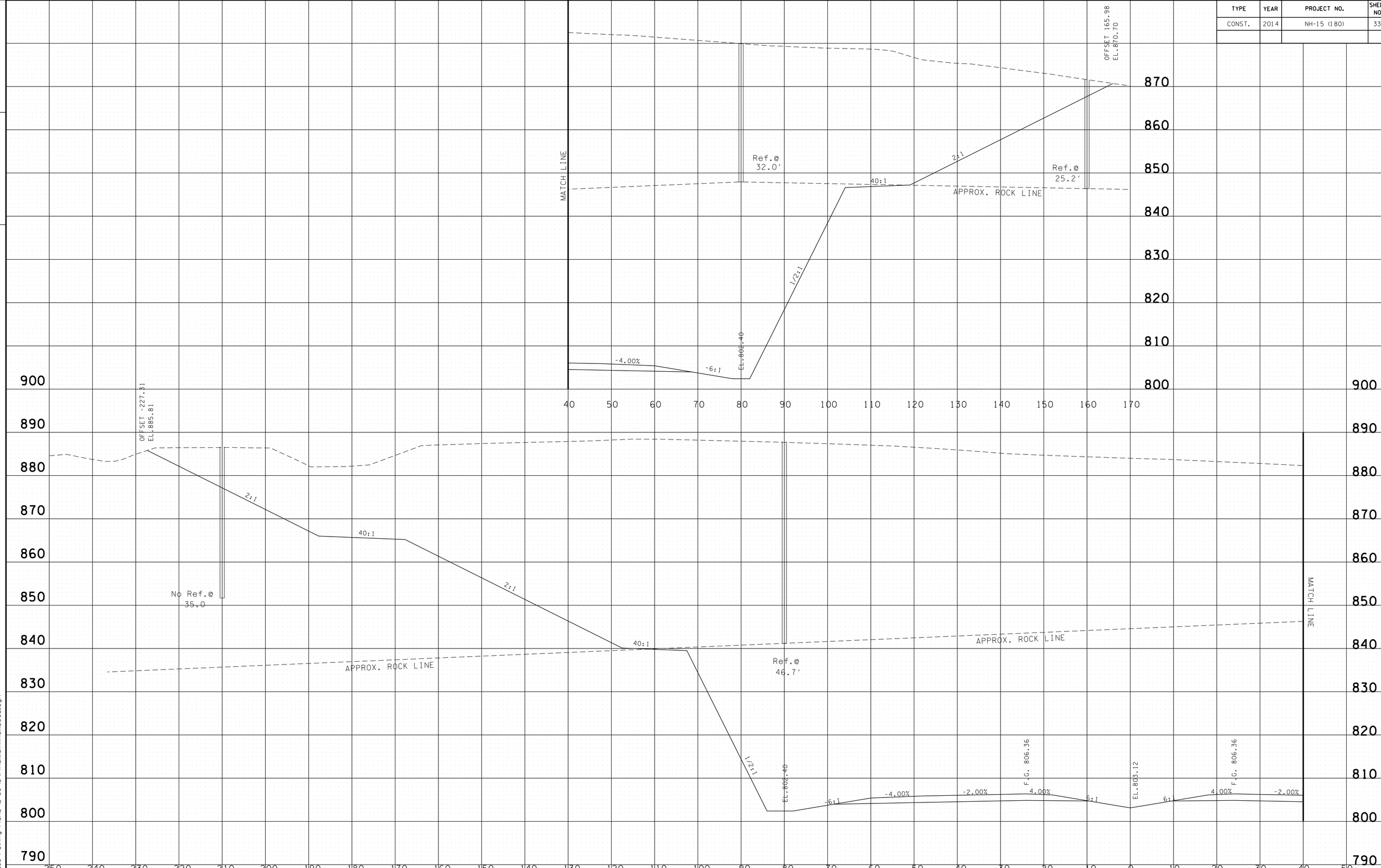
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	331

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

A 217+00

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 217+00 TO STA.A 217+00

4/30/2014 11:38:51 AM
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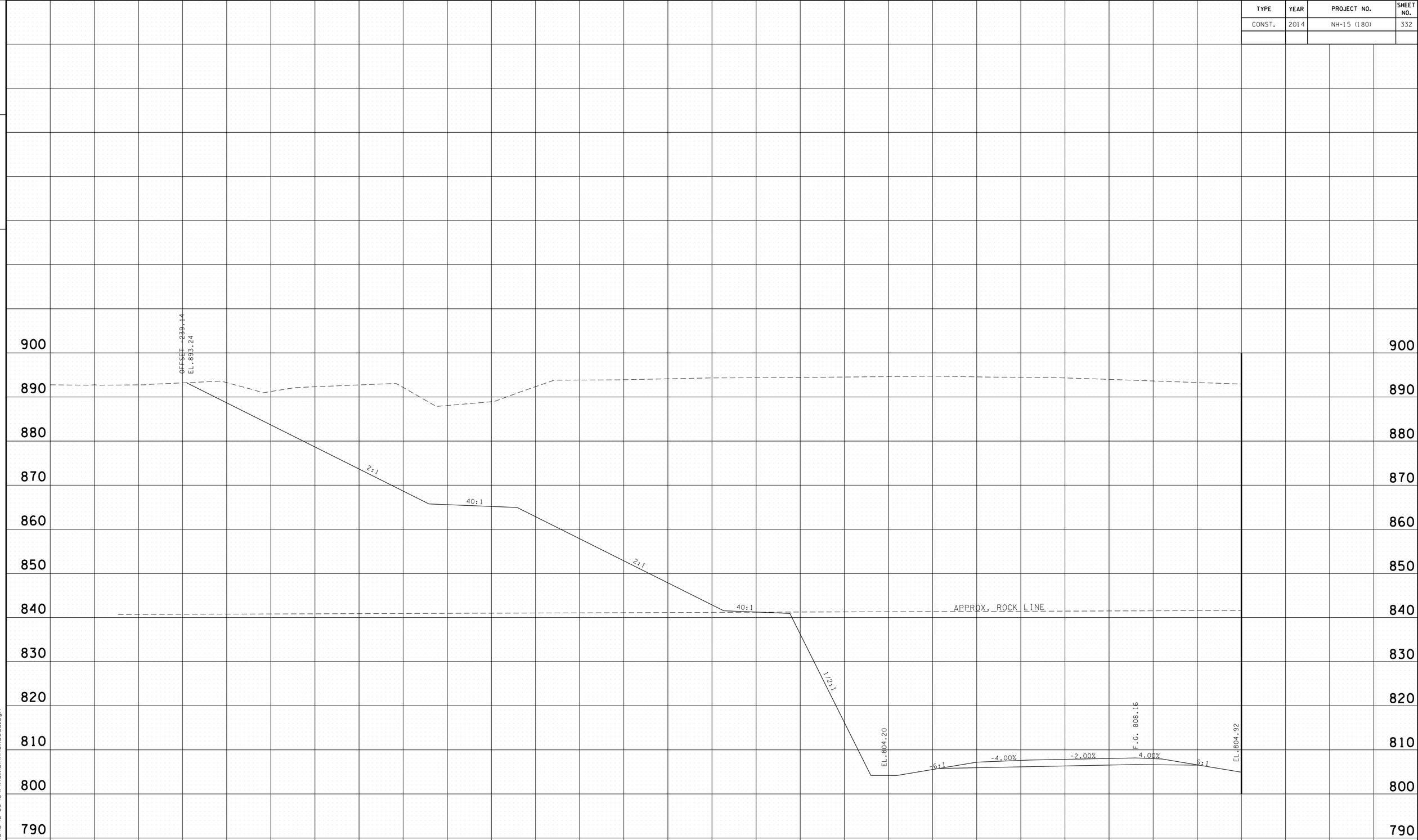
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	332

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 217+50 TO STA.A 217+50

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	333

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 218+00 TO STA.A 218+00

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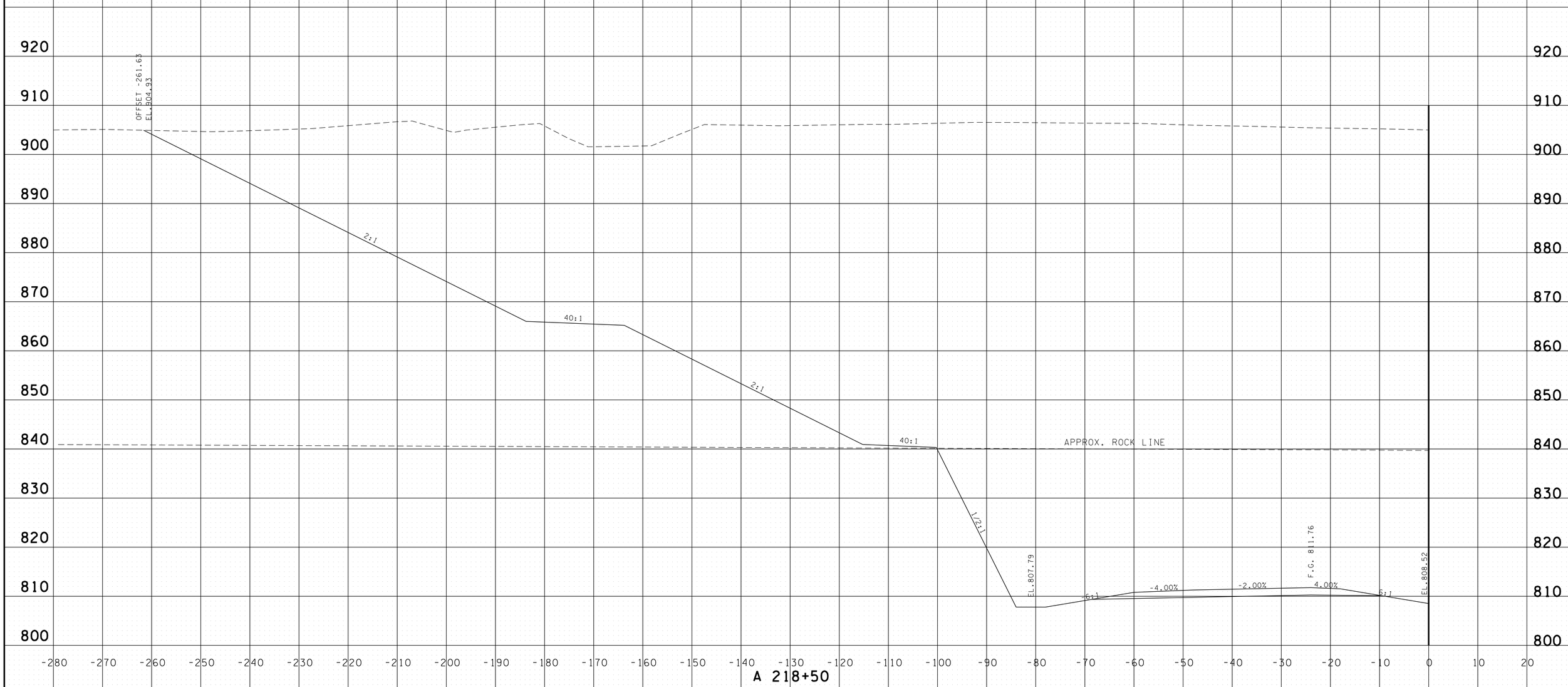
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	334

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

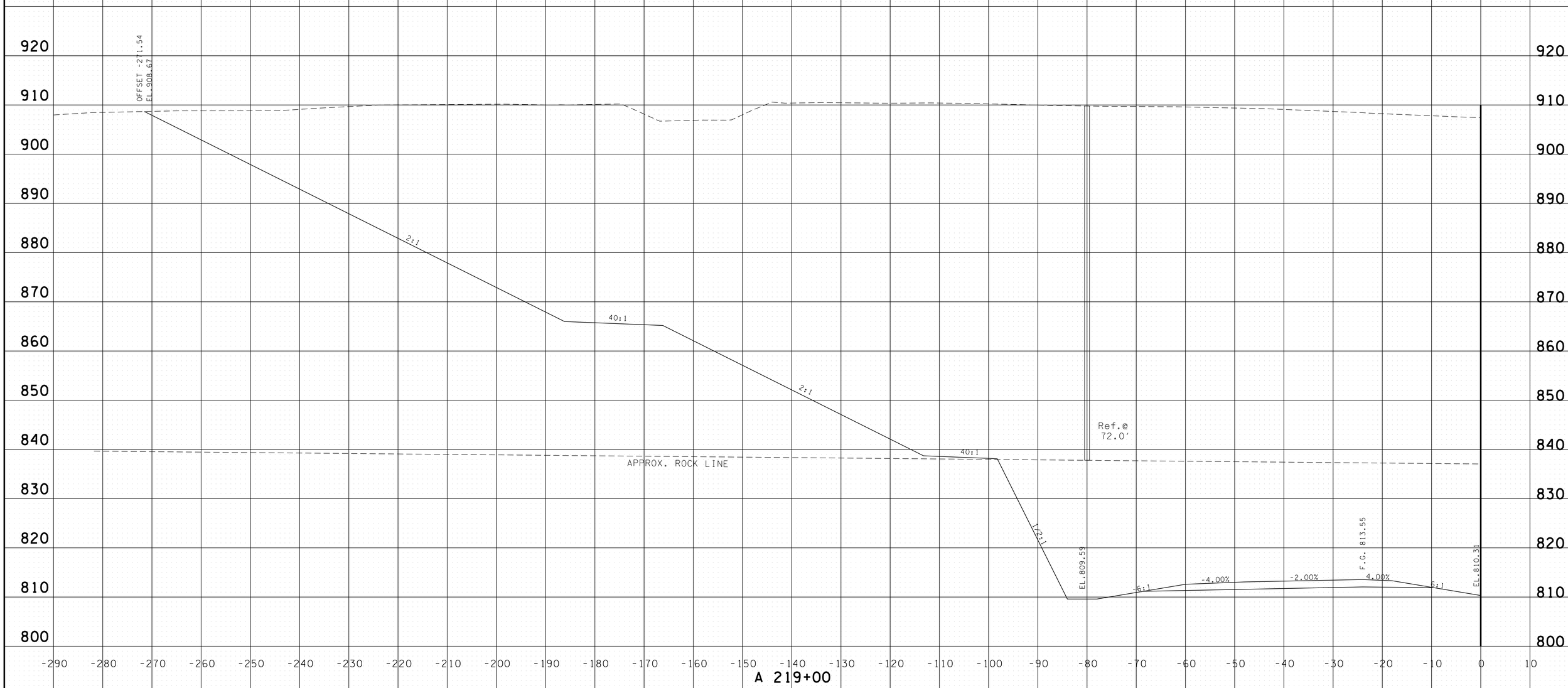
S.R. 15 MAINLINE LEFT
STA.A 218+50 TO STA.A 218+50

4/30/2014 11:38:56 AM
G:\HDIDIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	335

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 219+00 TO STA.A 219+00

4/30/2014 11:38:58 AM
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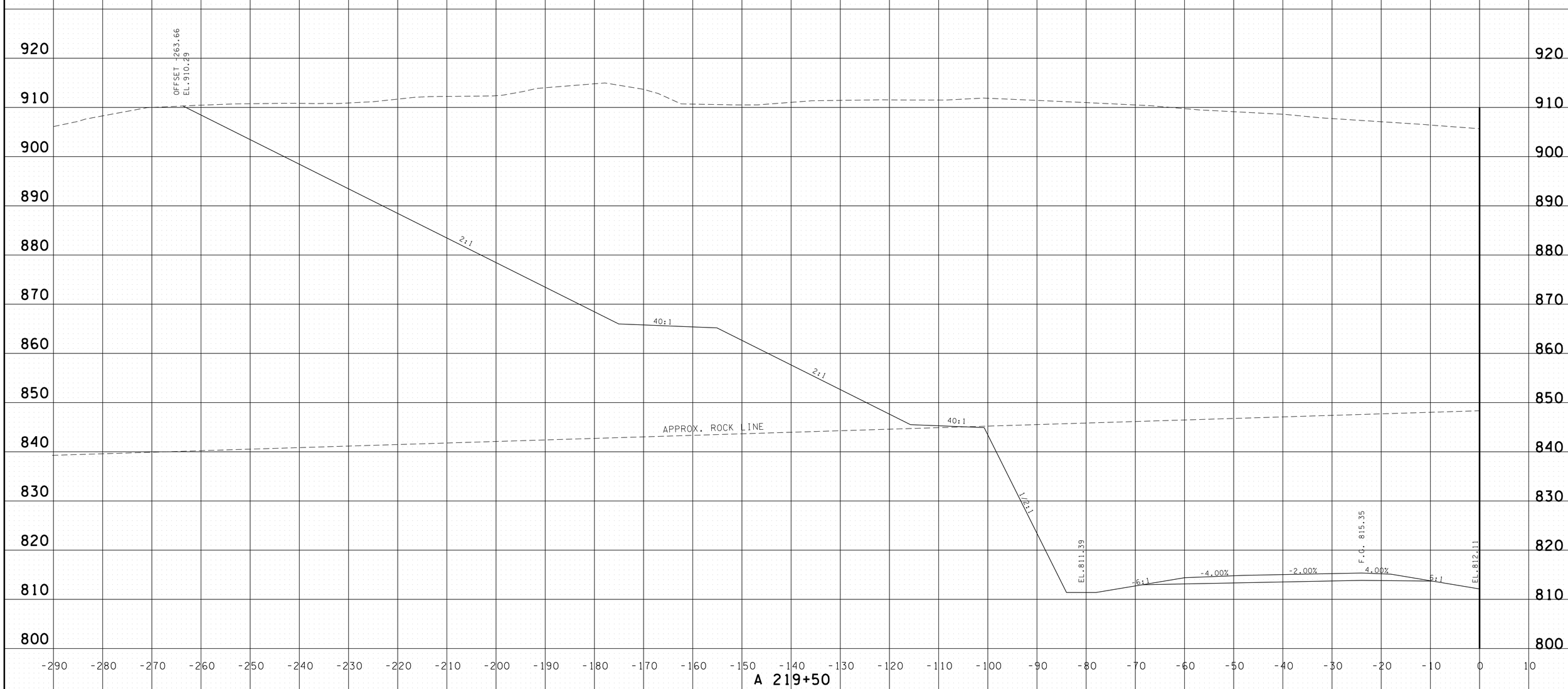
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	336

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

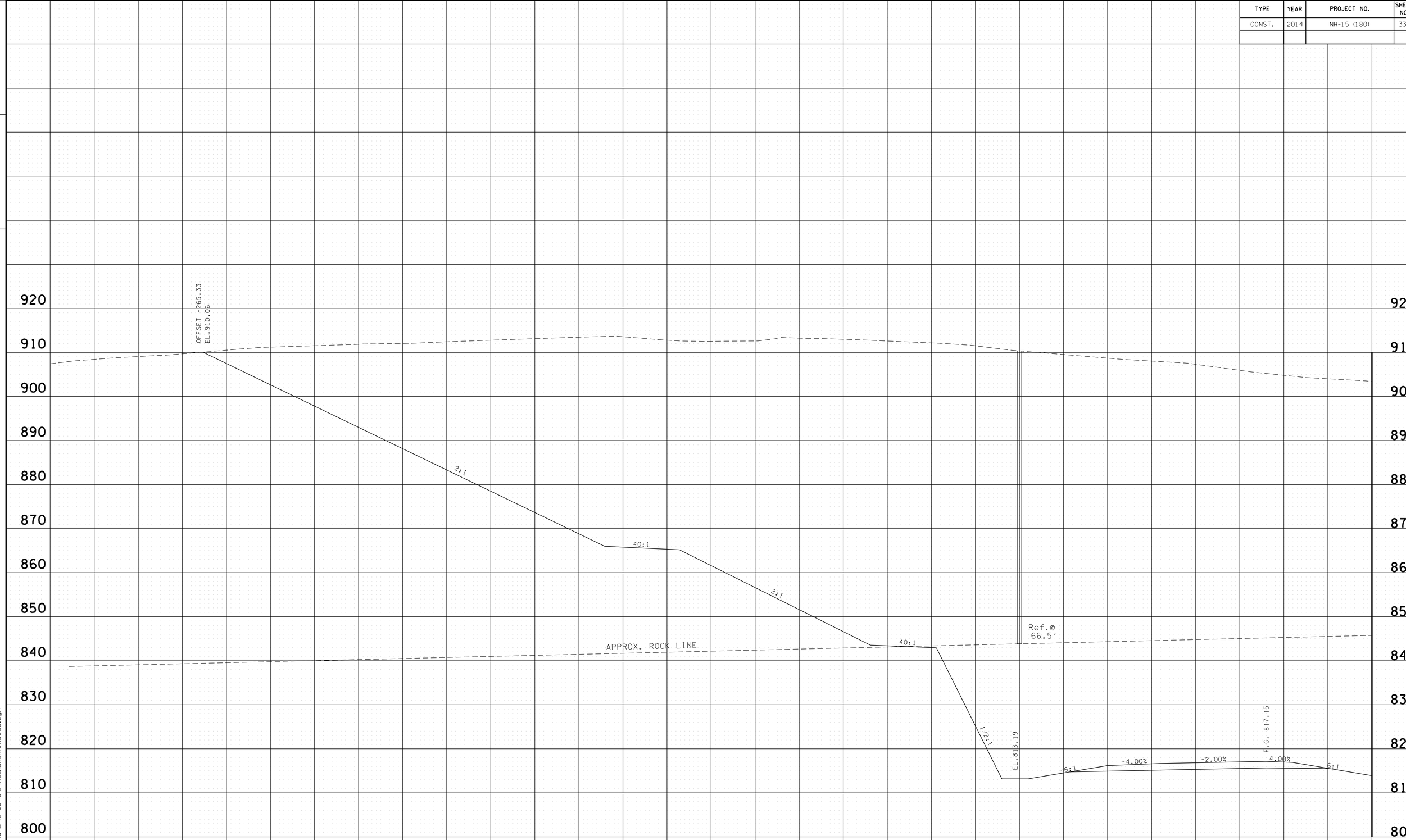
S.R. 15 MAINLINE LEFT
STA.A 219+50 TO STA.A 219+50

4/30/2014 11:39:00 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	337

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 220+00 TO STA.A 220+00

4/30/2014 11:39:01 AM
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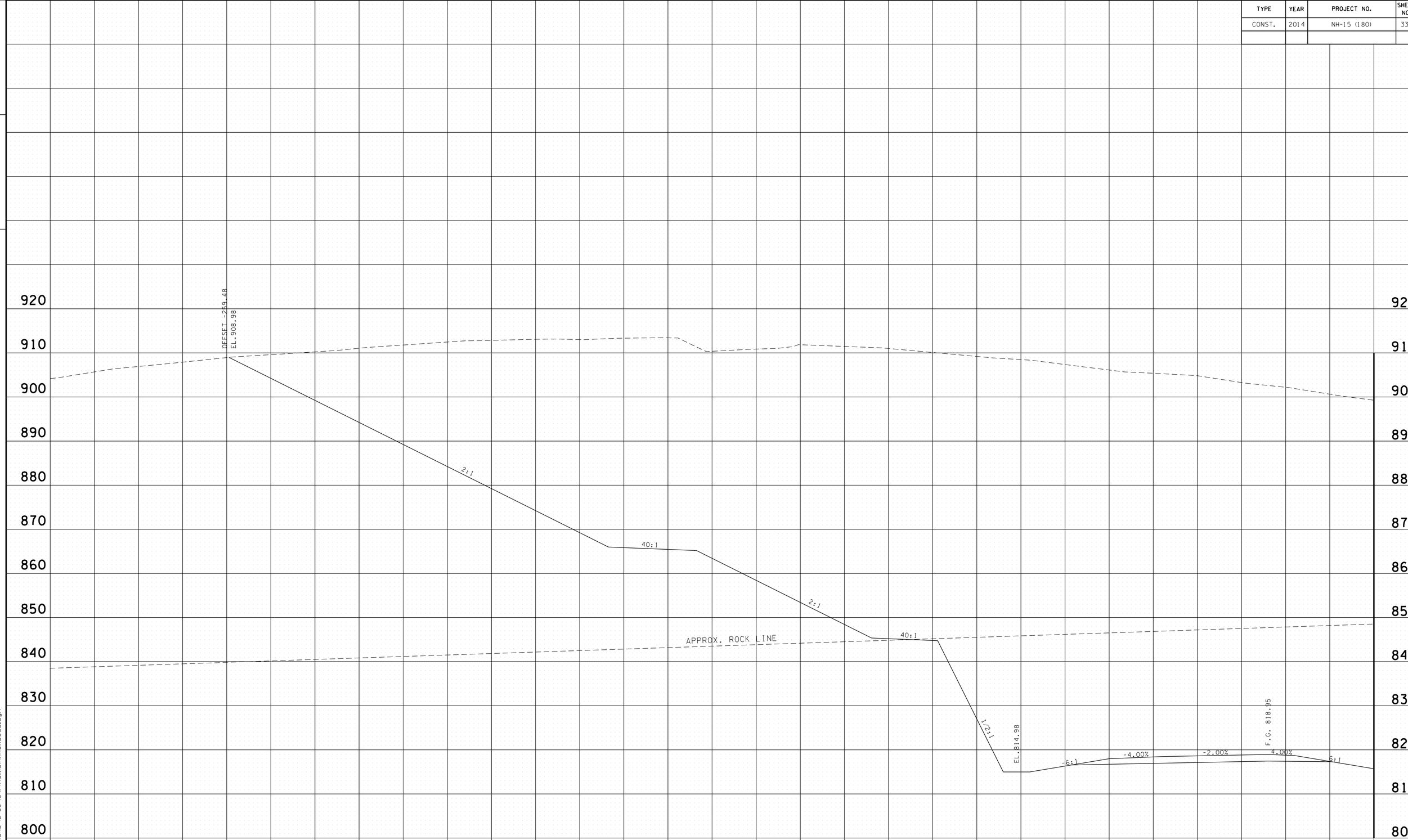
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	338

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 220+50 TO STA.A 220+50

4/30/2014 11:39:03 AM
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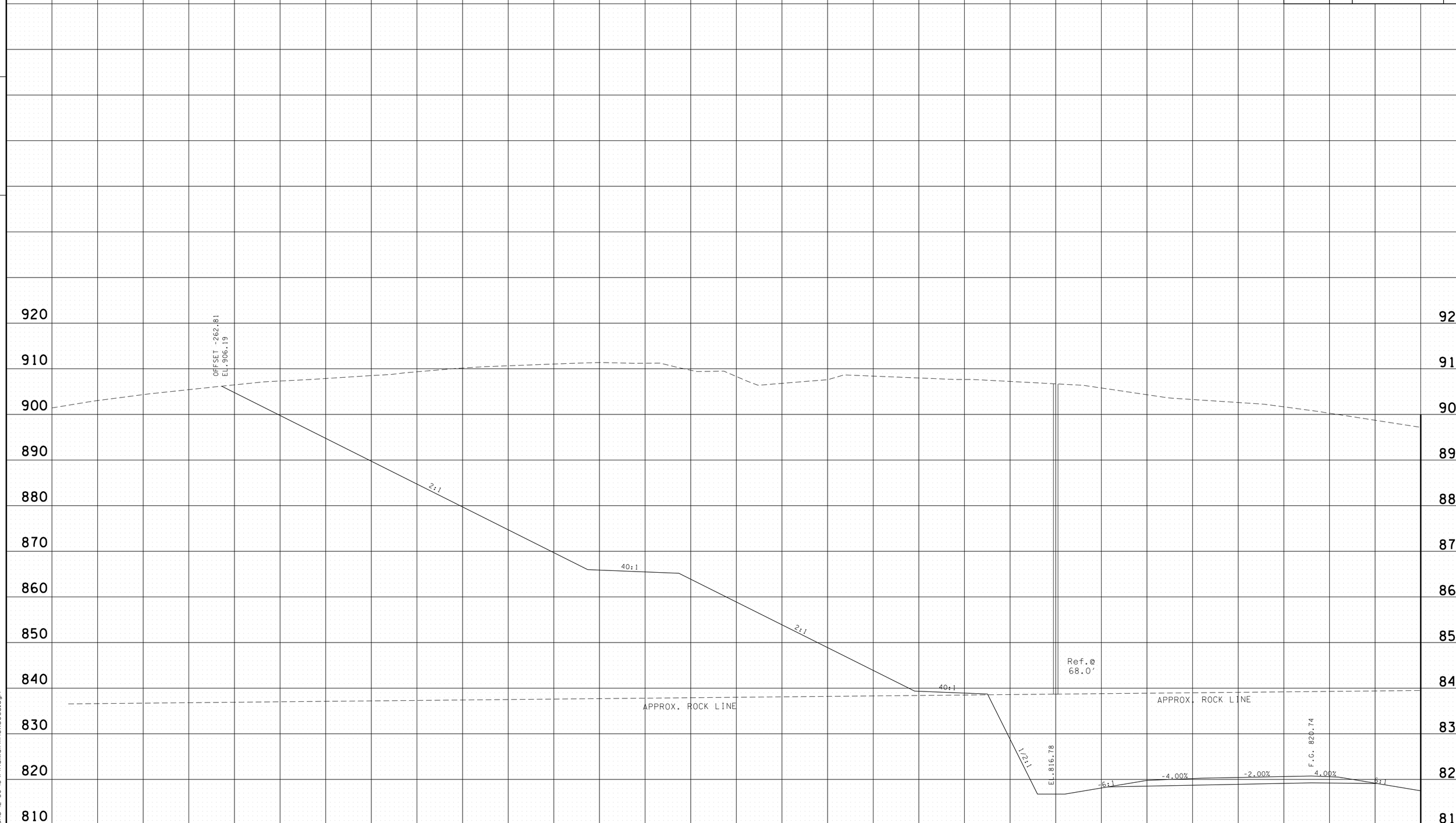
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	339

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

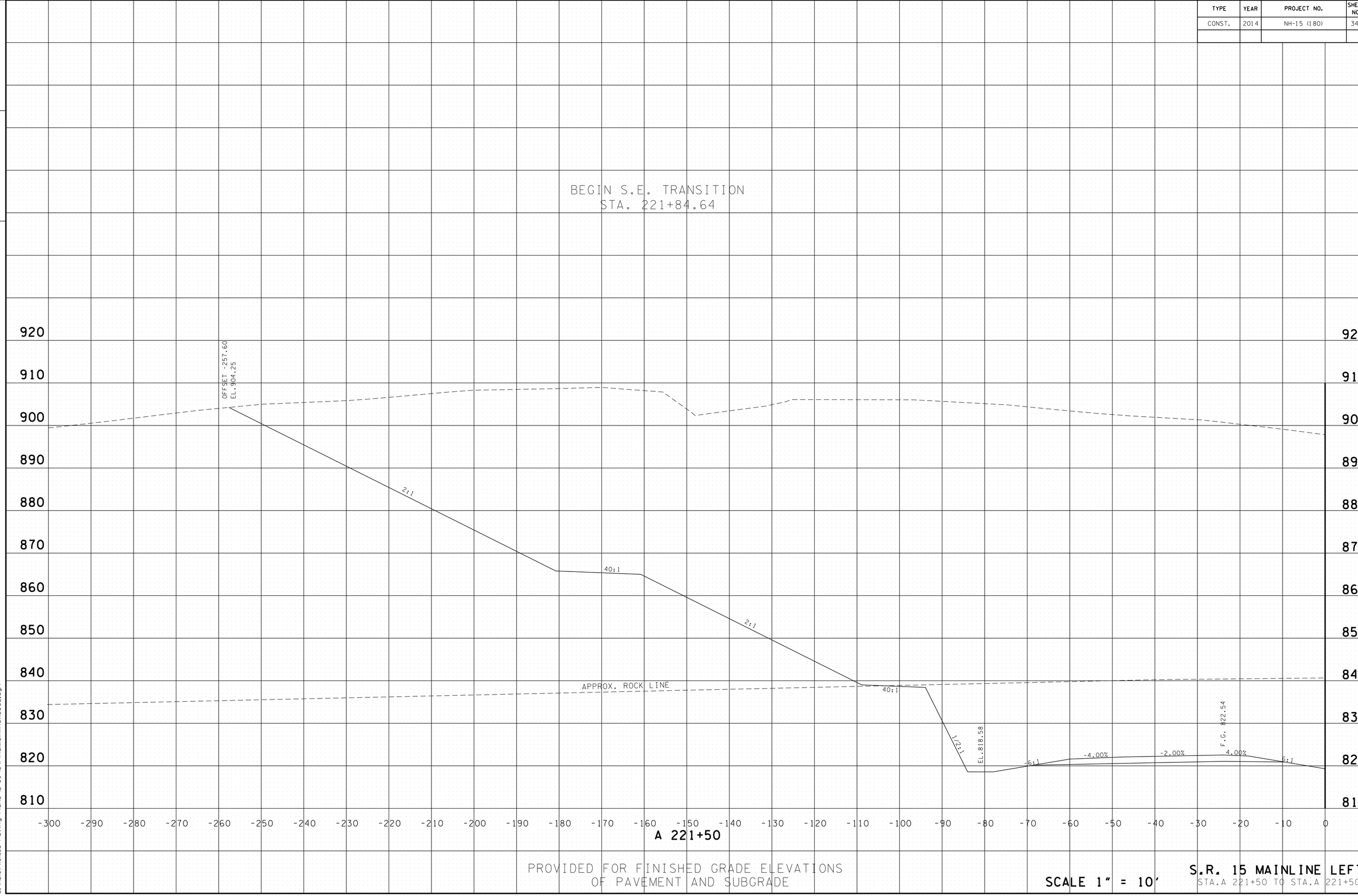
S.R. 15 MAINLINE LEFT
STA.A 221+00 TO STA.A 221+00

4/30/2014 11:39:05 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	340

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 221+50 TO STA.A 221+50

4/30/2014 11:39:06 AM
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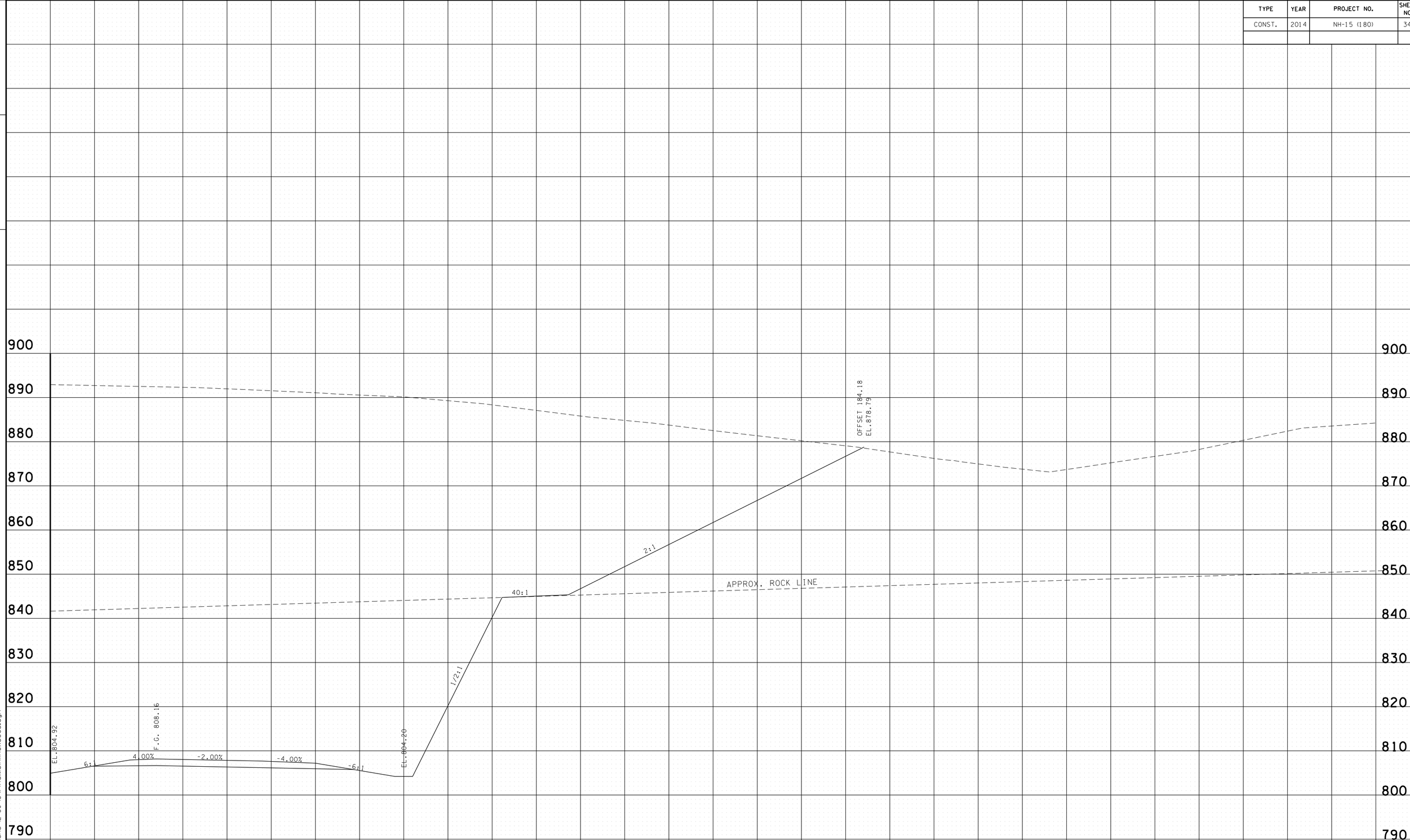
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	341

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 217+50 TO STA.A 217+50

4/30/2014 11:39:08 AM
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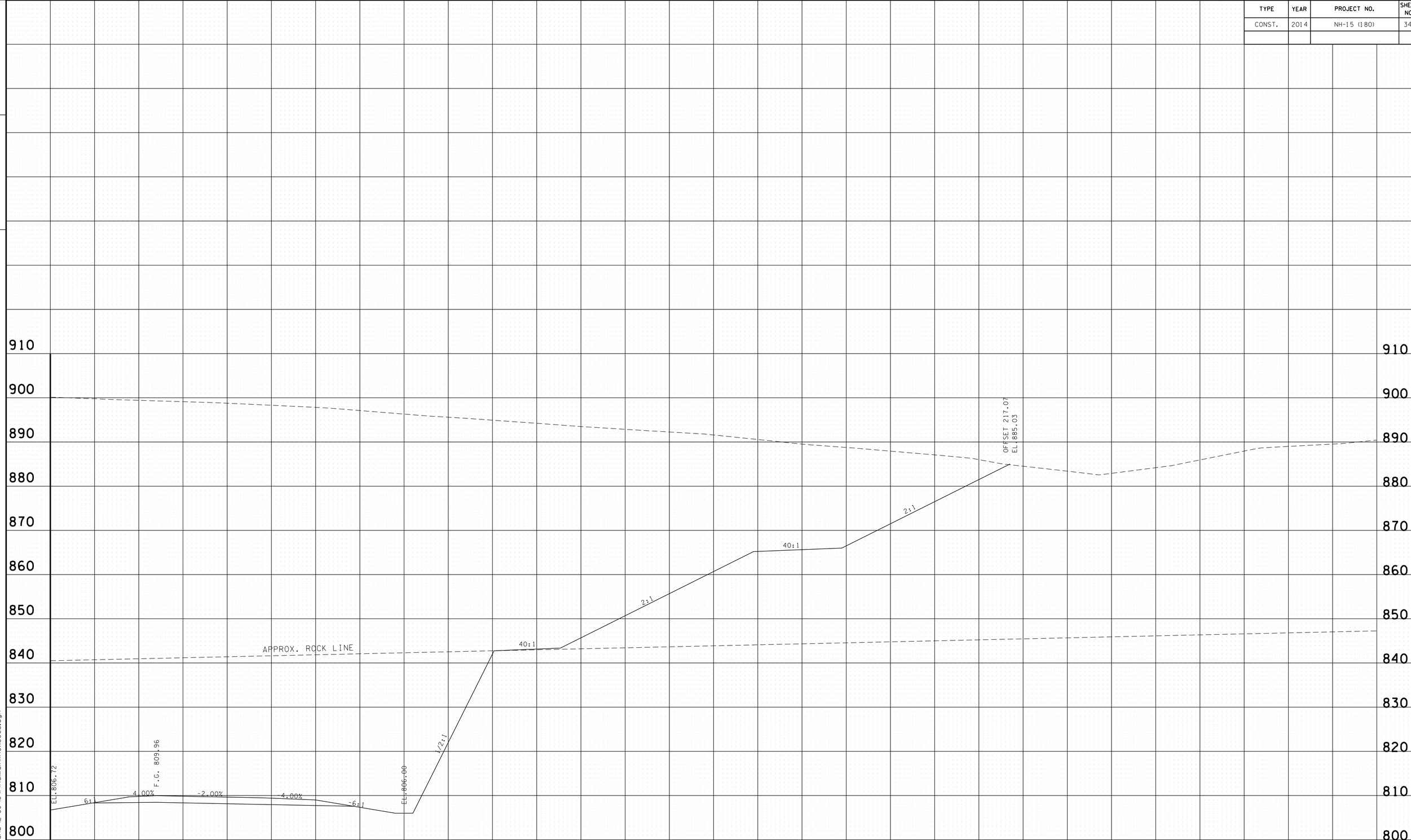
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	342

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 218+00 TO STA.A 218+00

4/30/2014 11:39:10 AM
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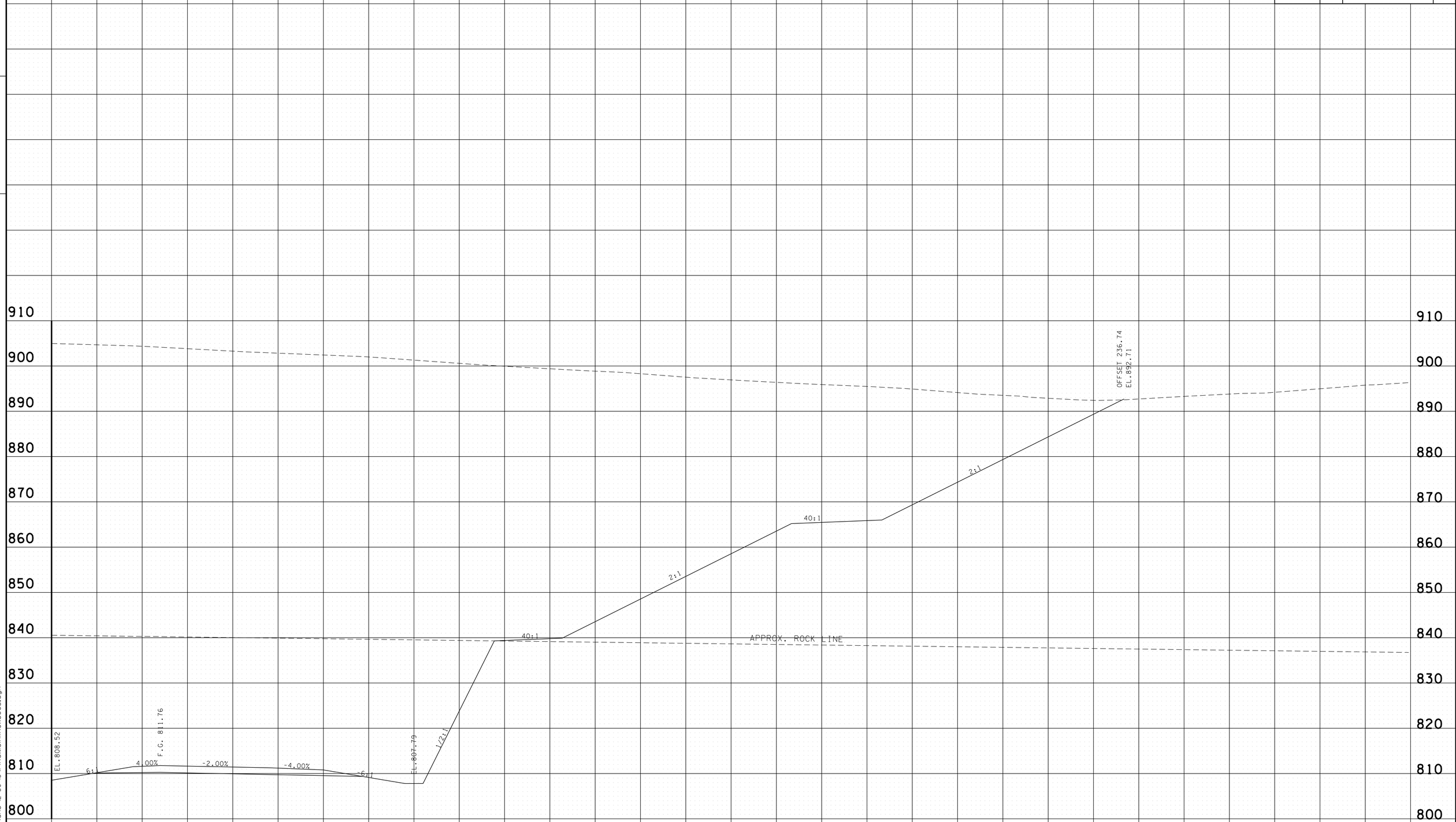
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	343

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

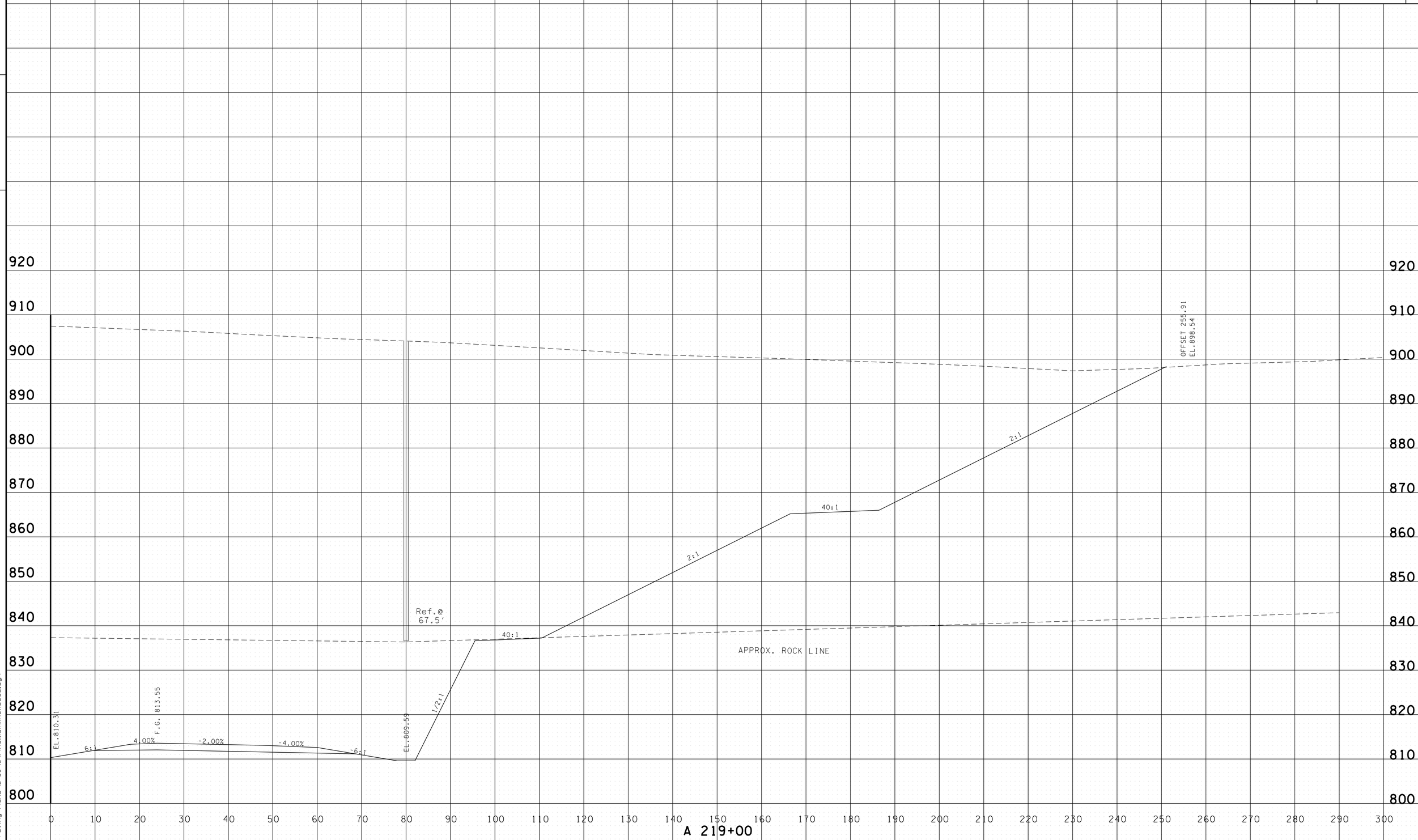
S.R. 15 MAINLINE RIGHT
STA.A 218+50 TO STA.A 218+50

4/30/2014 11:39:11 AM
G:\HDIOIL\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	344

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 219+00 TO STA.A 219+00

4/30/2014 11:39:13 AM
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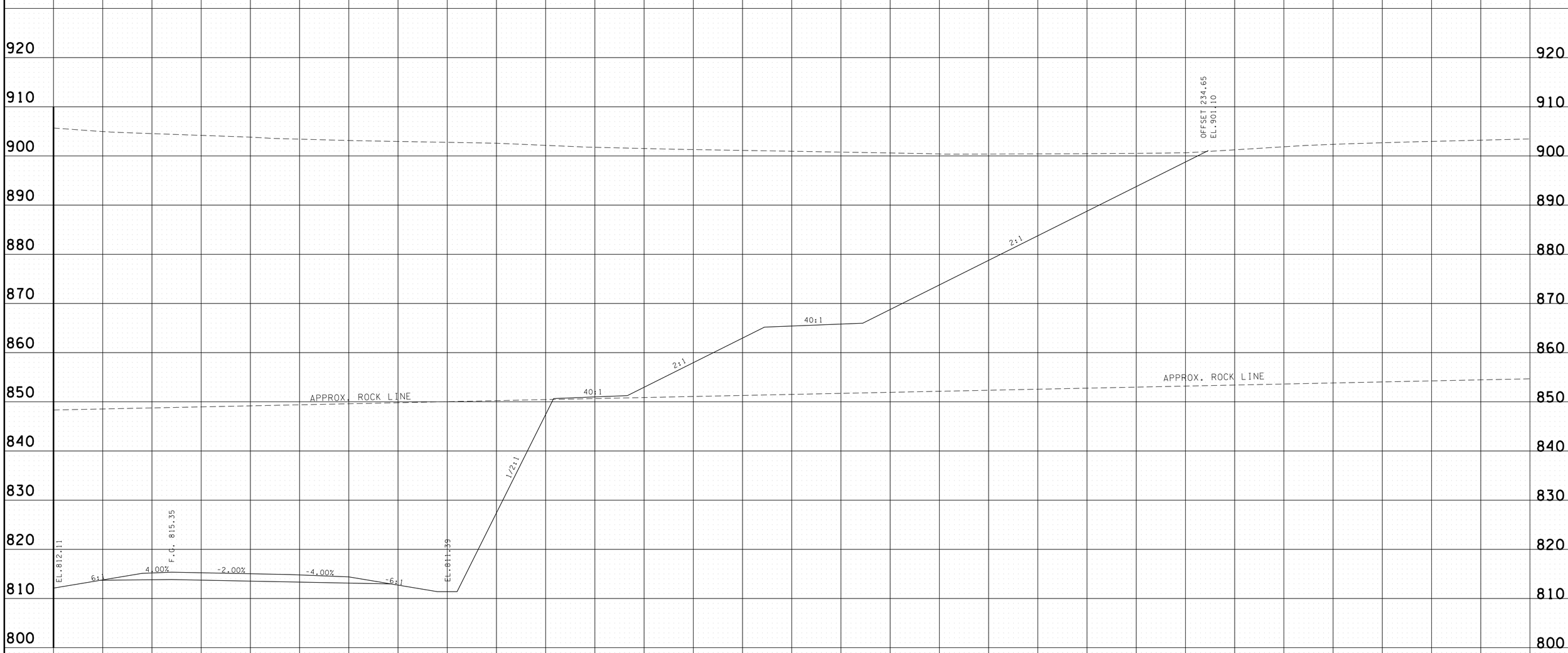
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	345

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 219+50 TO STA.A 219+50

4/30/2014 11:39:15 AM
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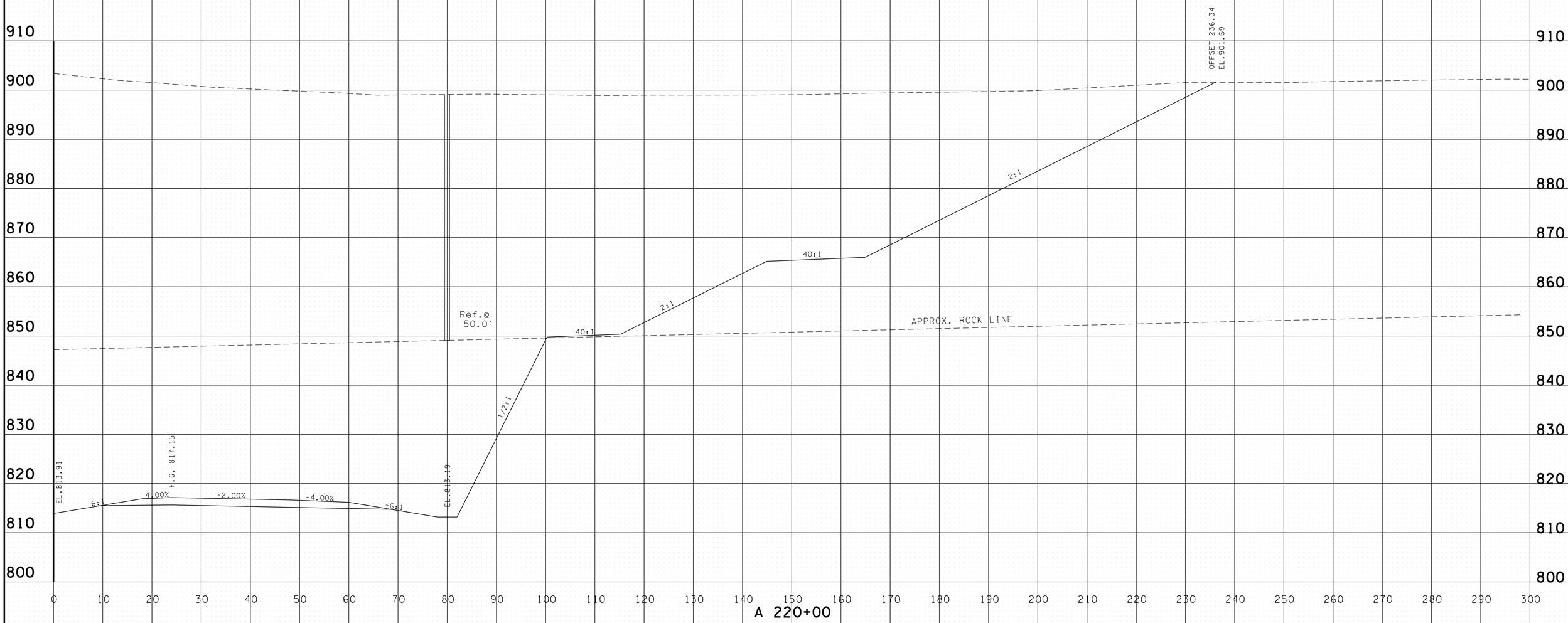
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	346

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 220+00 TO STA.A 220+00

4/30/2014 11:39:16 AM
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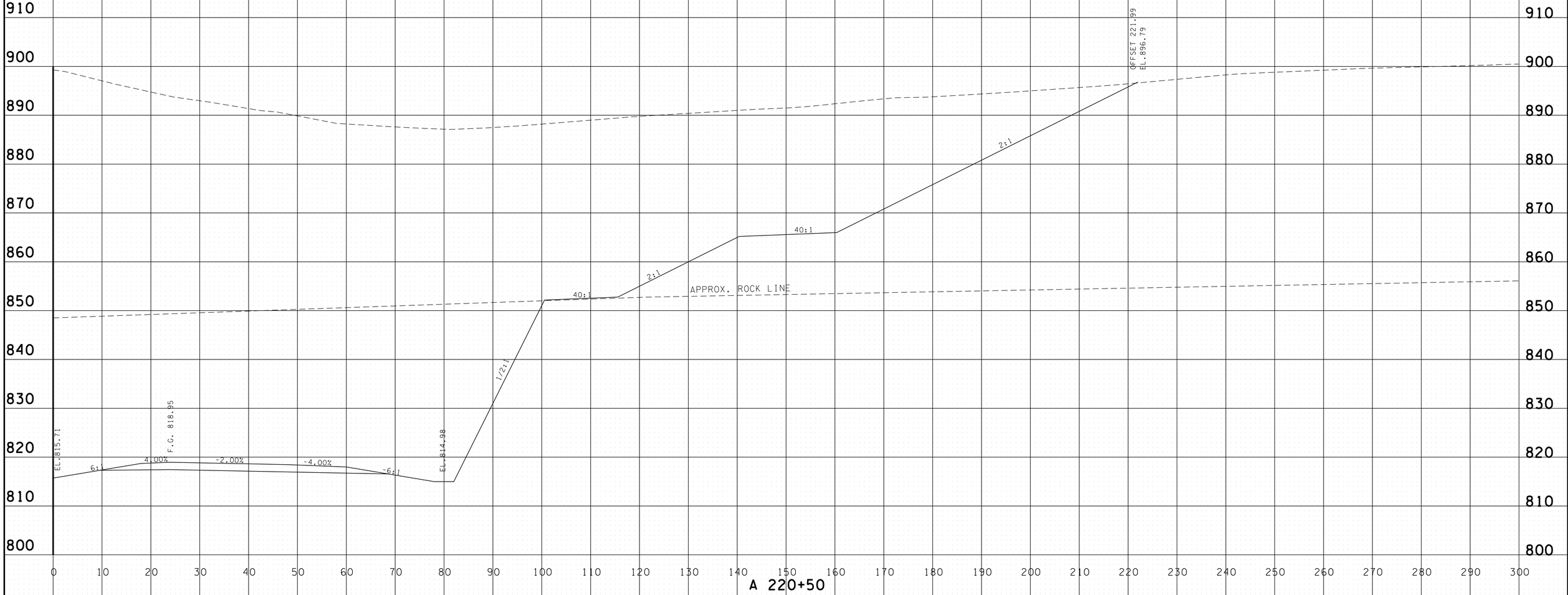
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	347

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 220+50 TO STA.A 220+50

4/30/2014 11:39:18 AM
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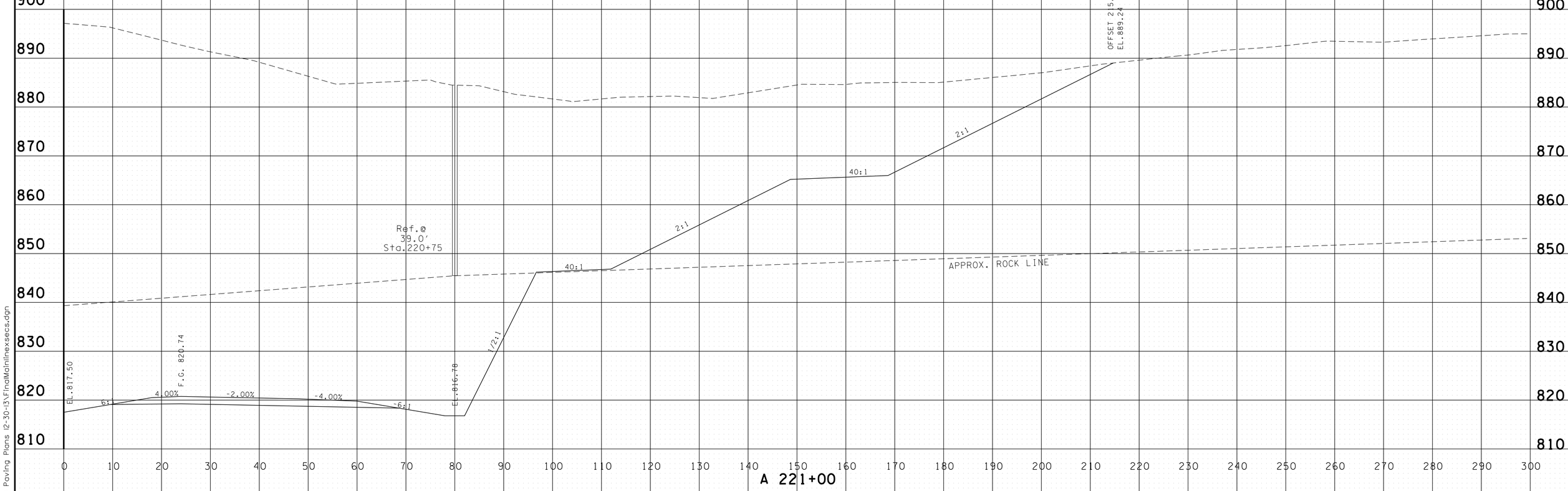
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	348

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 221+00 TO STA.A 221+00

4/30/2014 11:39:20 AM
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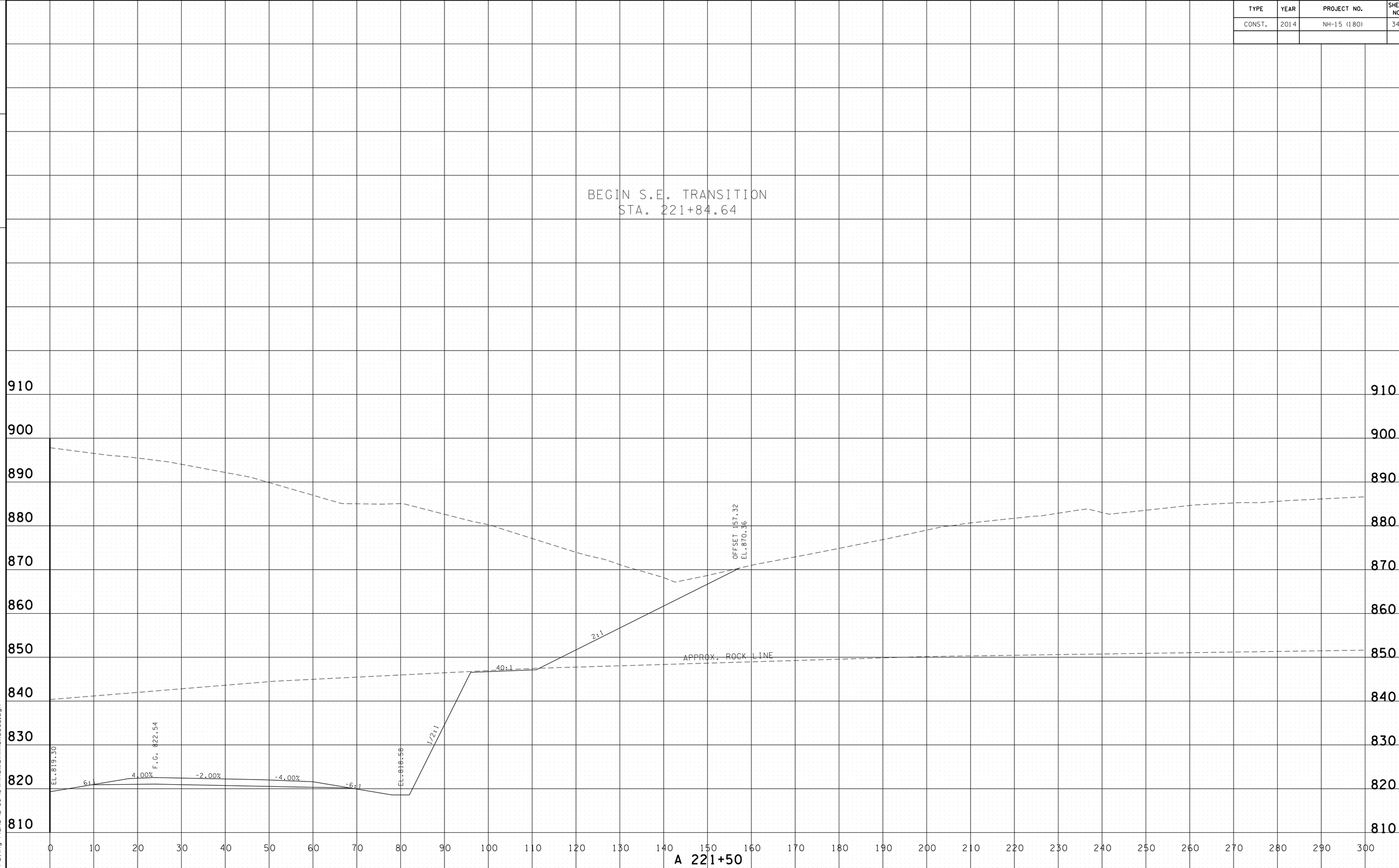
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	349

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 221+50 TO STA.A 221+50

4/30/2014 11:39:21 AM
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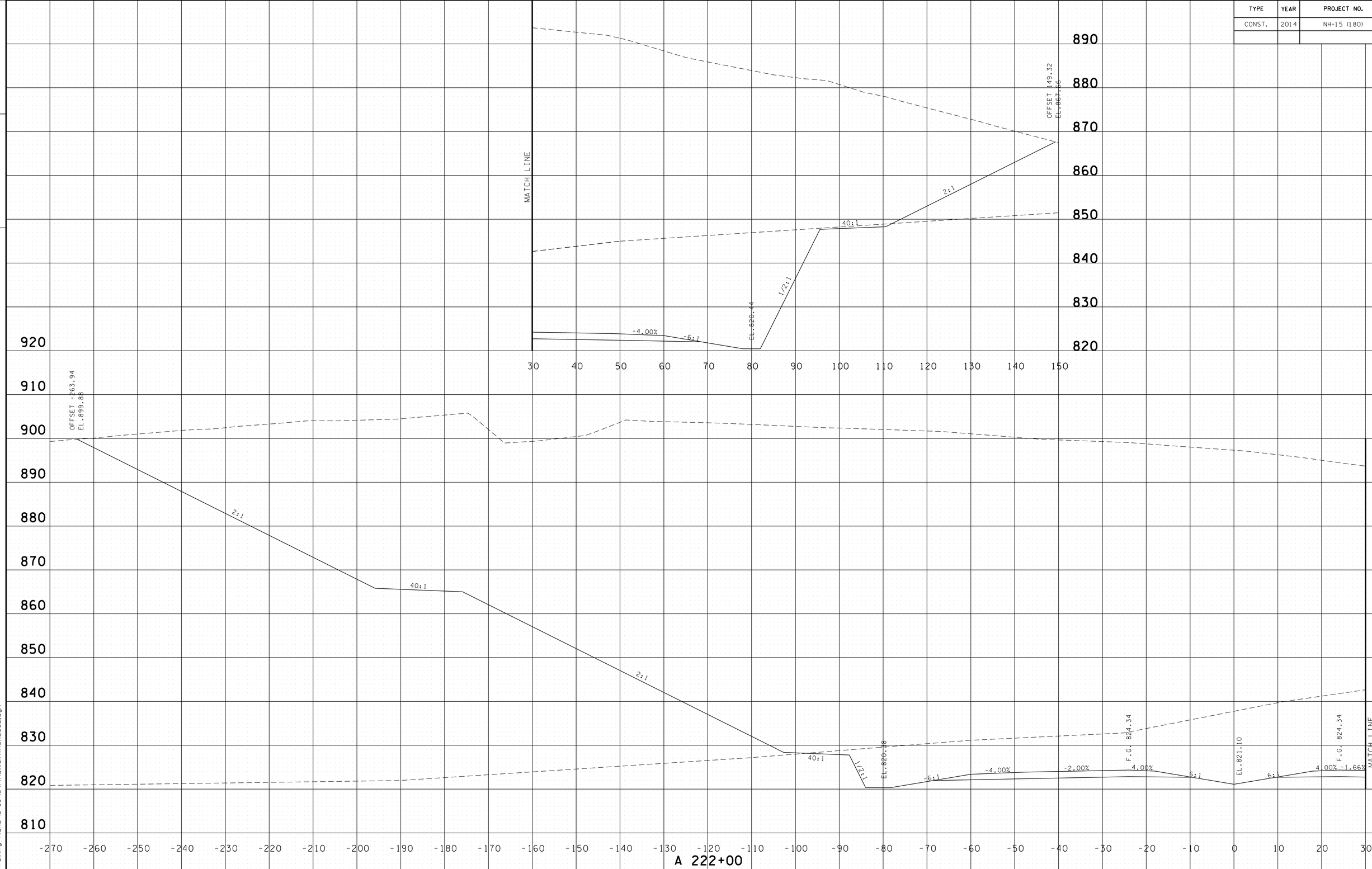
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	350

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 222+00 TO STA.A 222+00

4/30/2014 11:39:23 AM
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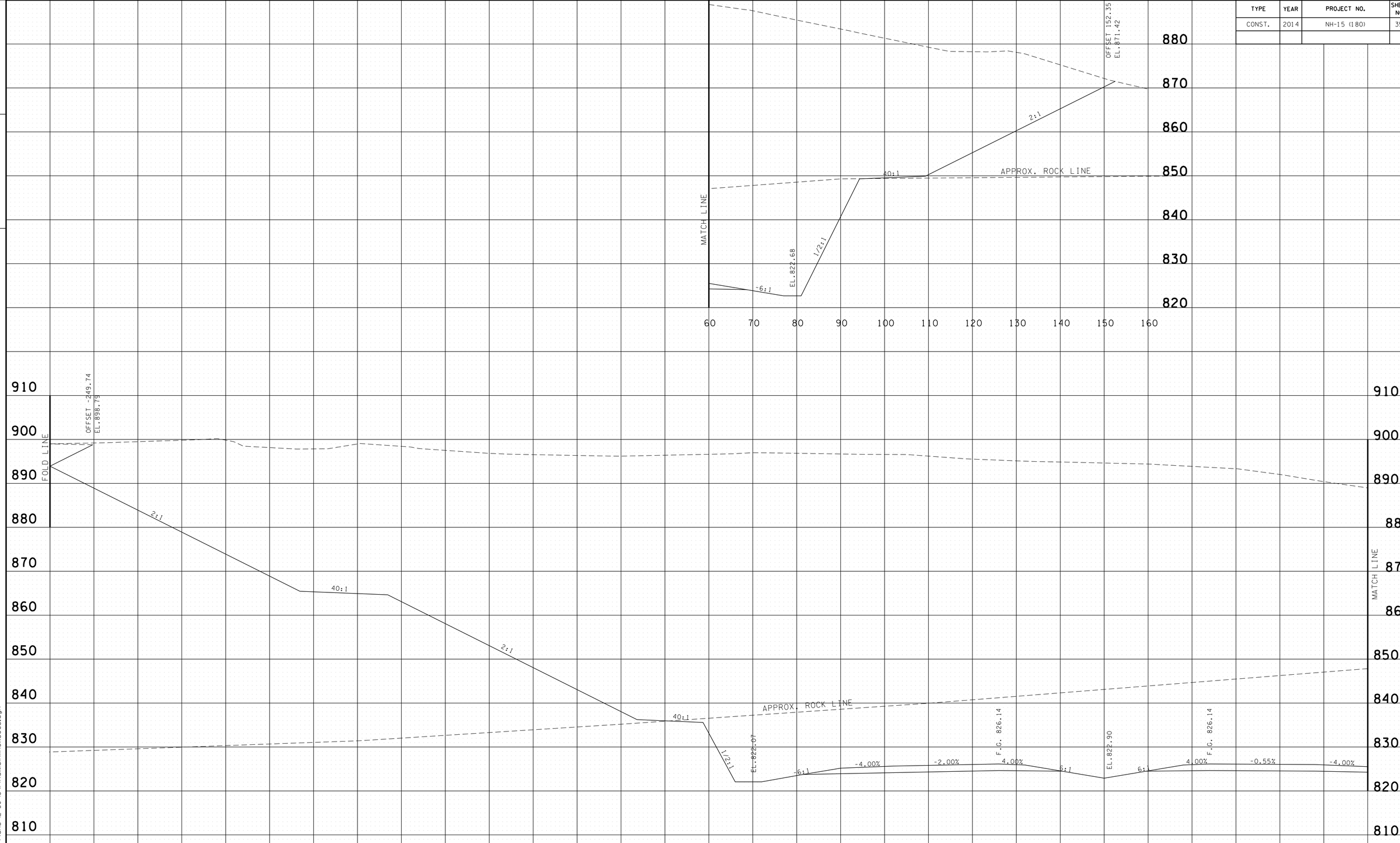
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	351

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 222+50 TO STA.A 222+50

4/30/2014 11:39:25 AM
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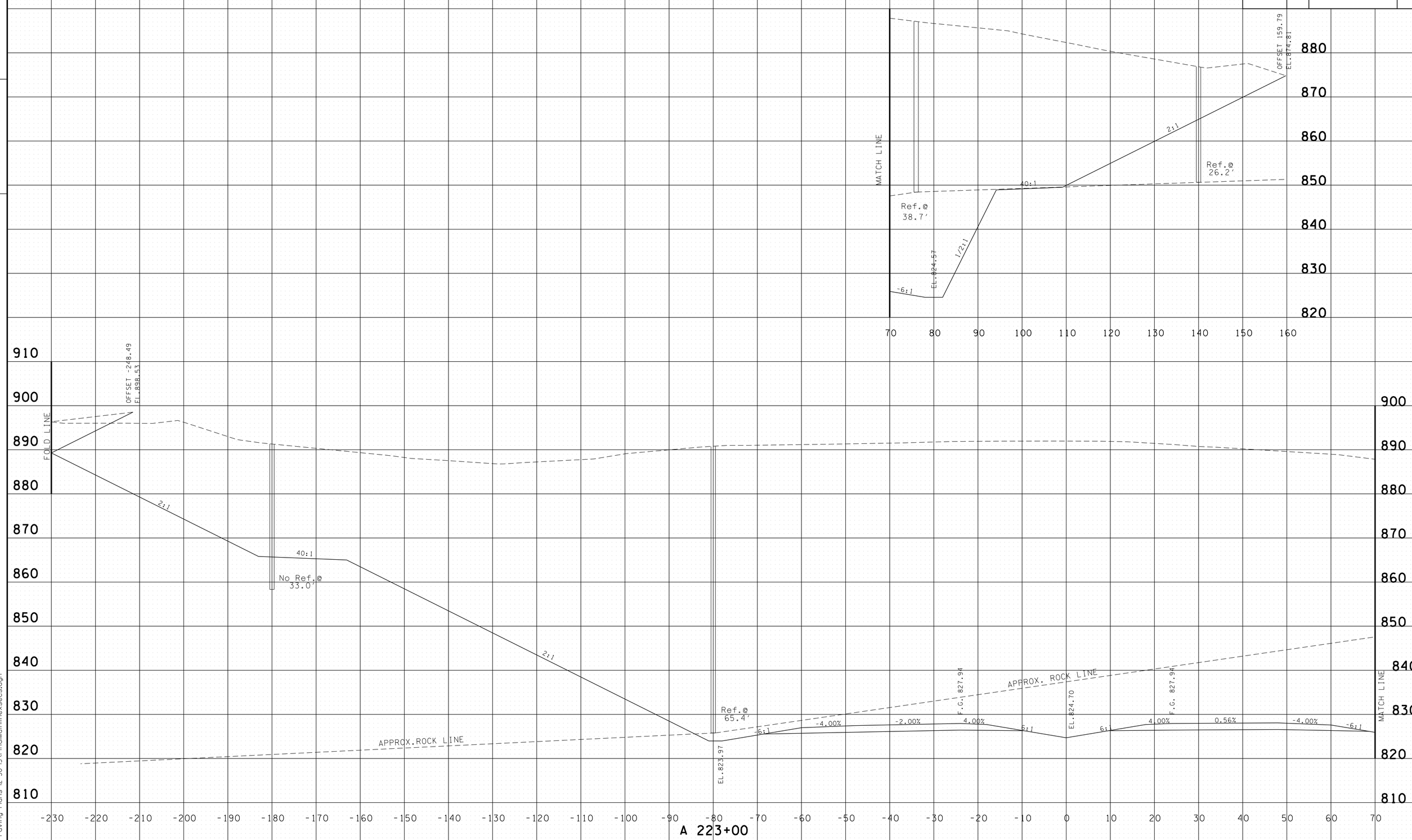
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	352

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 223+00 TO STA.A 223+00

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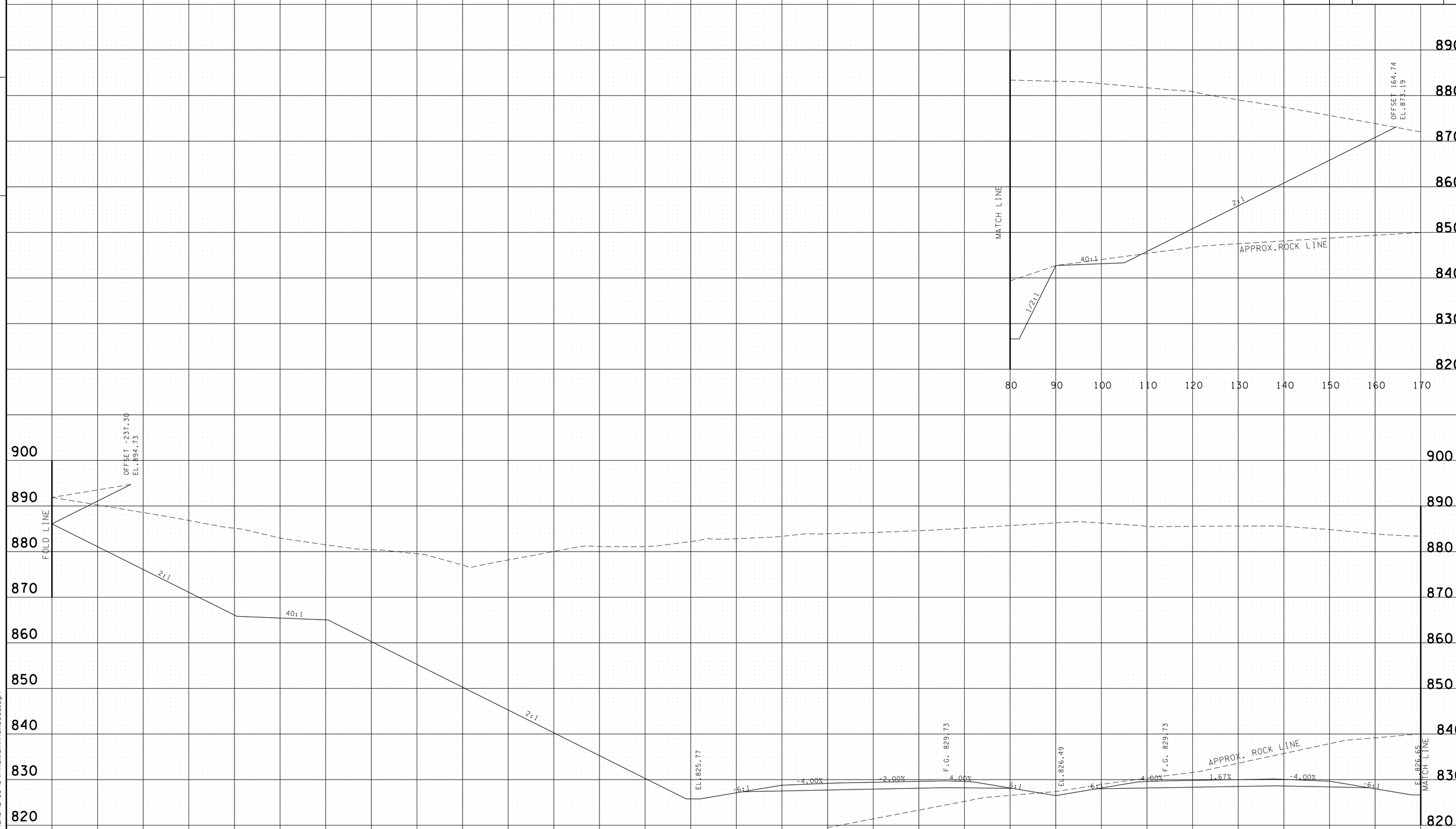
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	353

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 223+50 TO STA.A 223+50

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	354

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 224+00 TO STA.A 224+00

4/30/2014 11:39:30 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	355

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 224+50 TO STA.A 224+50

4/30/2014 11:39:31 AM
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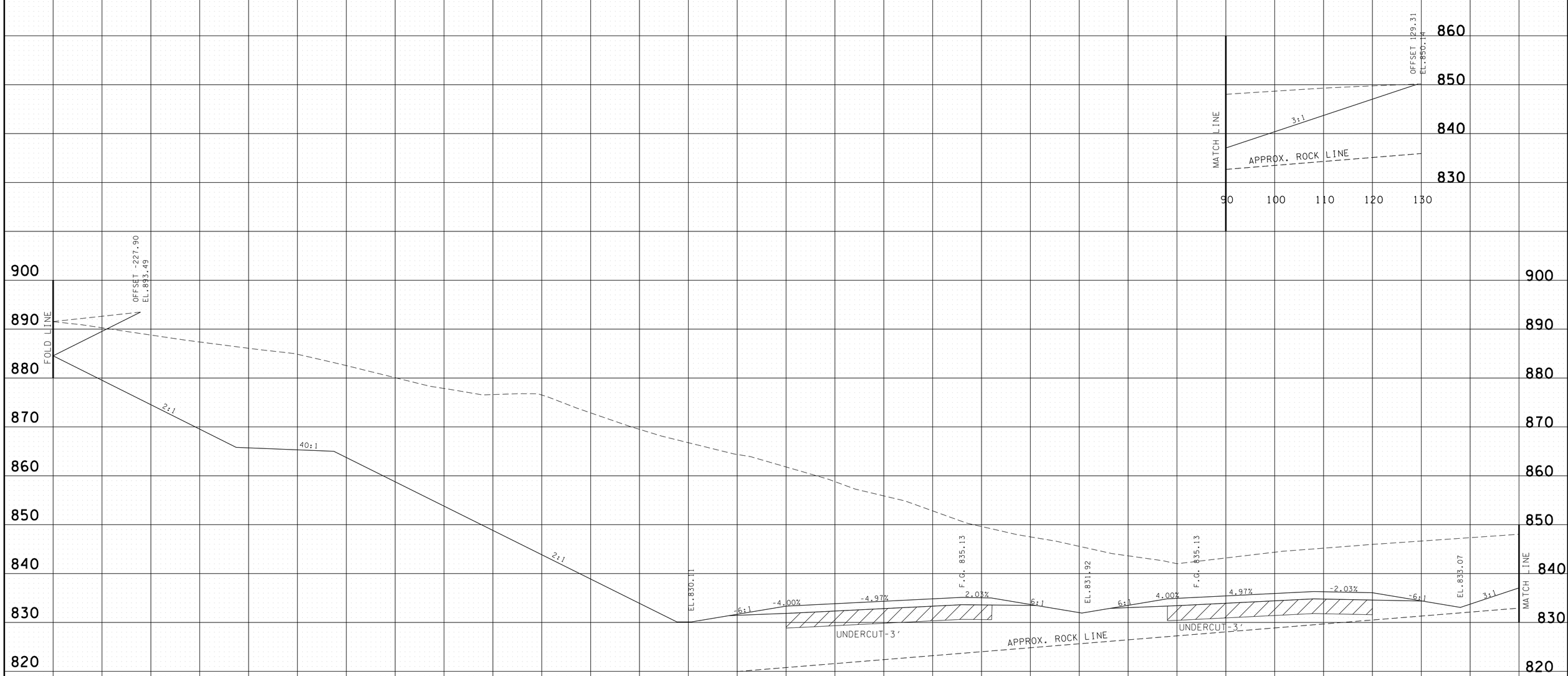
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	356

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 225+00 TO STA.A 225+00

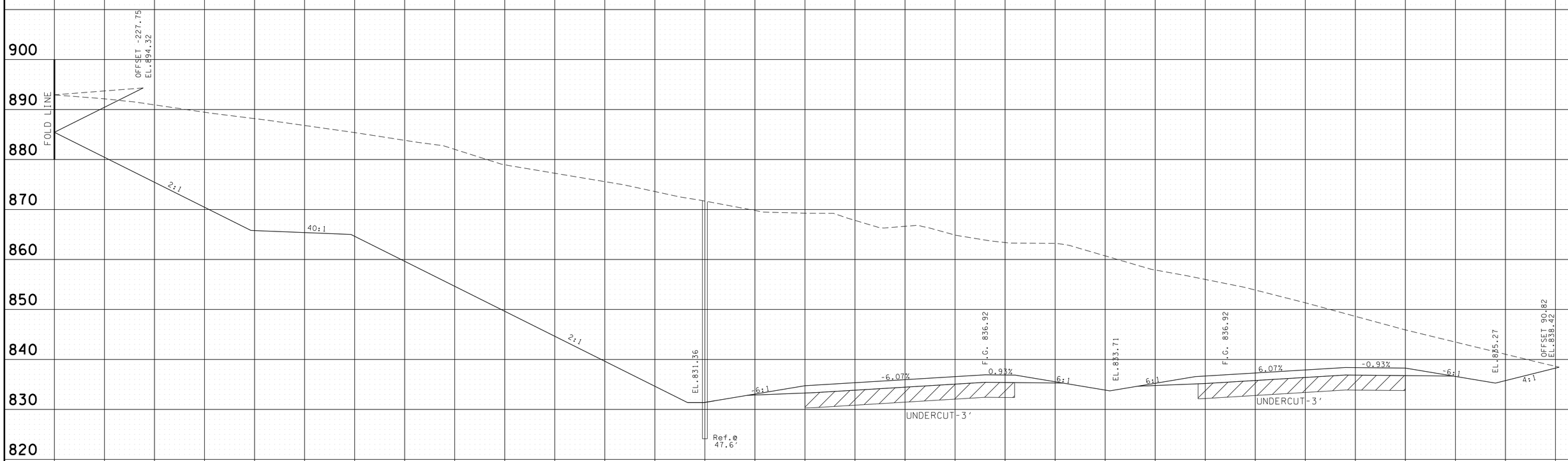
4/30/2014 11:39:33 AM
G:\HDIGIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	357

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL S.E. STA. 225+69.64
-6.50% LT. & 6.50% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 225+50 TO STA.A 225+50

4/30/2014 11:39:35 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	358

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 226+00 TO STA.A 226+00

4/30/2014 11:39:36 AM
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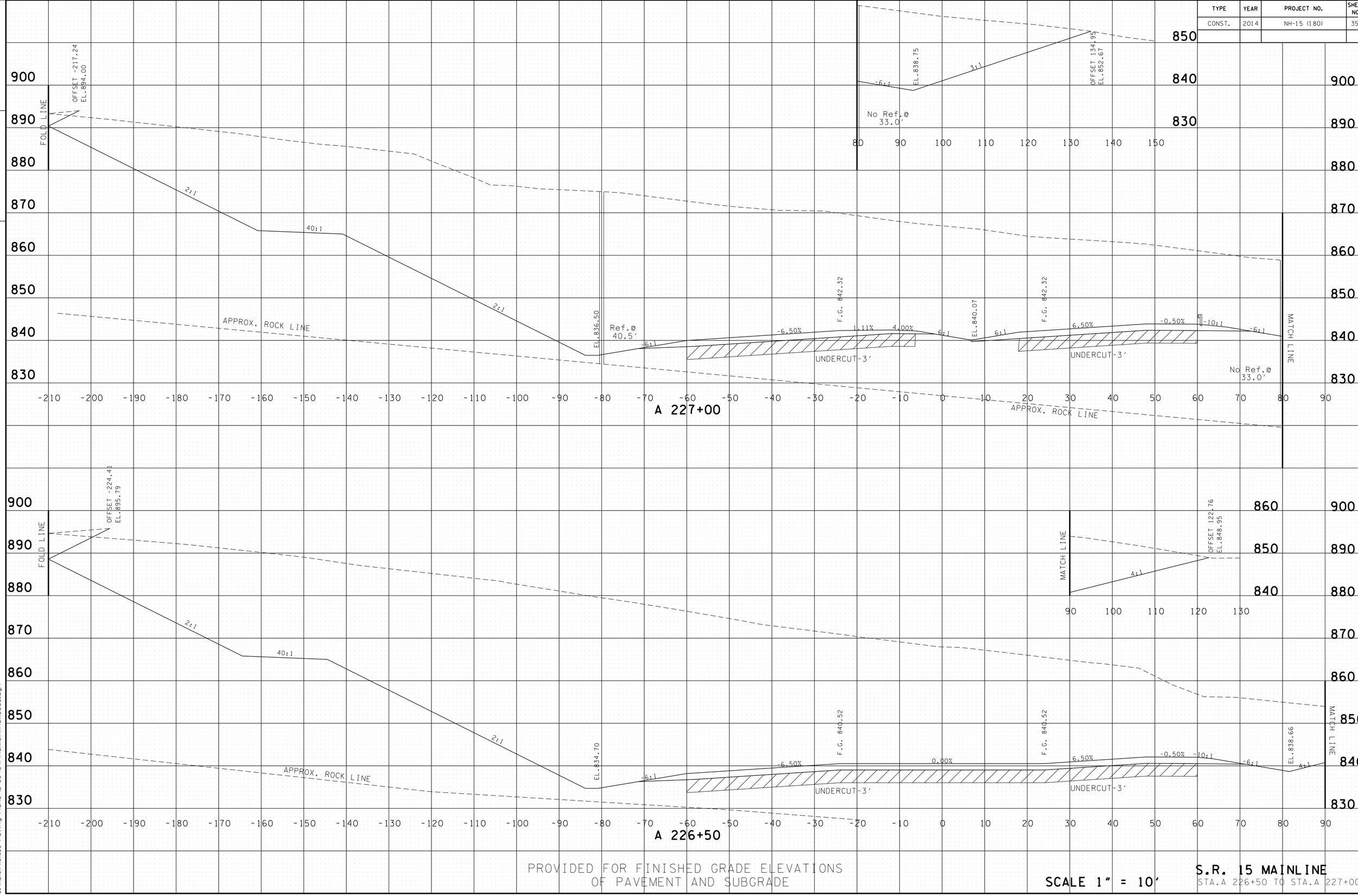
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	359

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 226+50 TO STA.A 227+00

4/30/2014 11:39:38 AM
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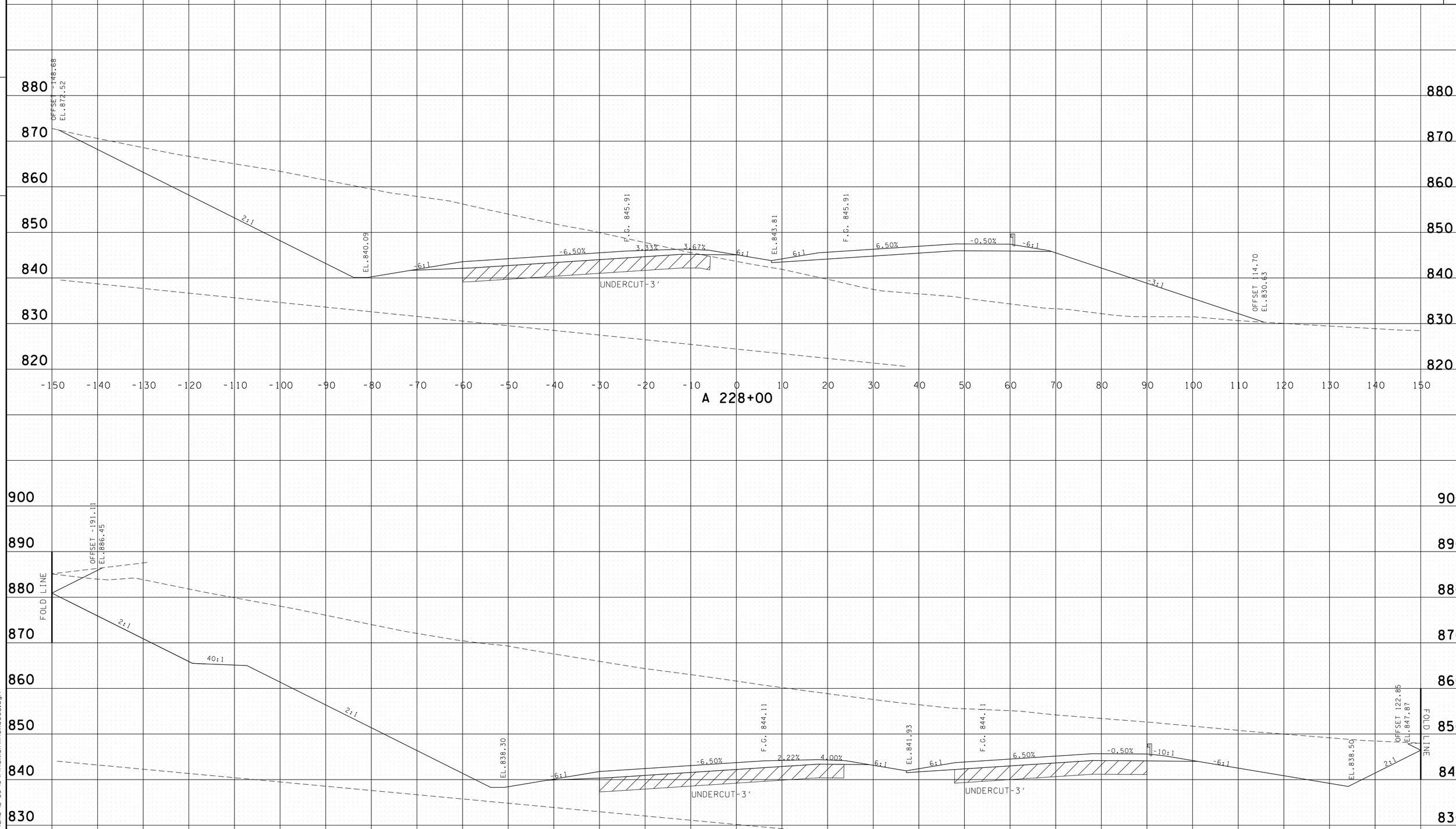
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	360

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 227+50 TO STA.A 228+00

4/30/2014 11:39:40 AM
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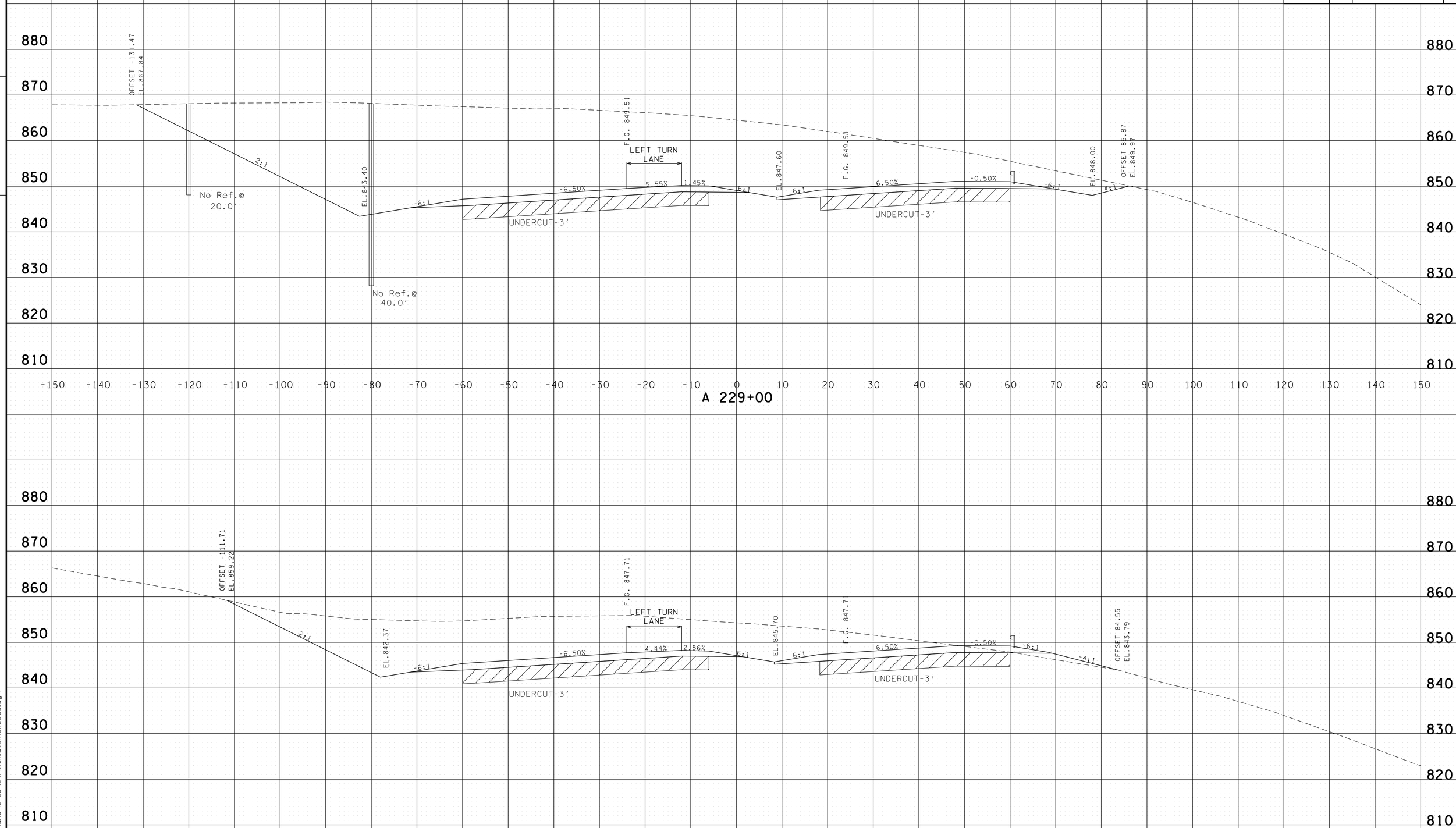
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	361

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 228+50 TO STA.A 229+00

4/30/2014 11:39:41 AM
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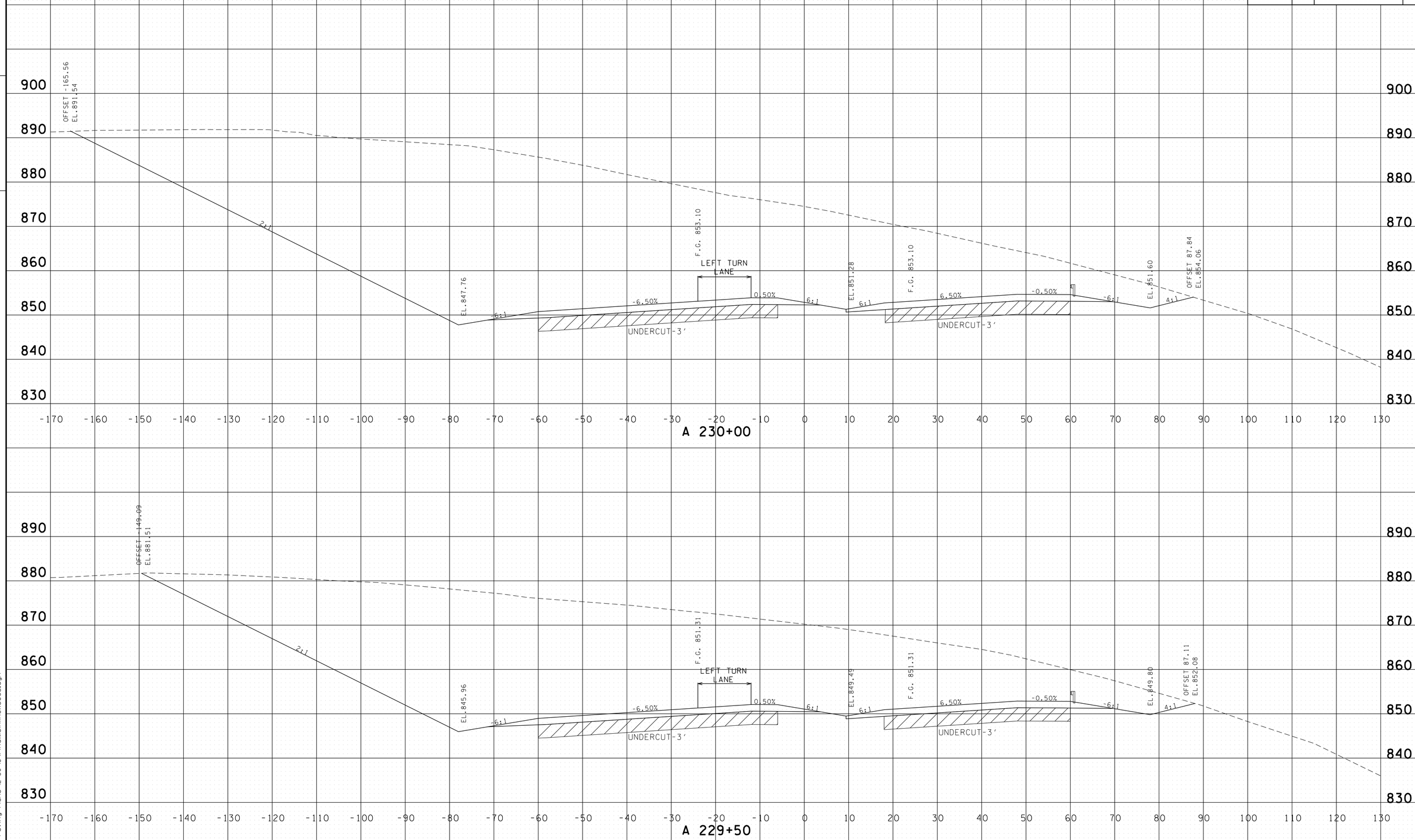
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	362

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 229+50 TO STA.A 230+00

4/30/2014 11:39:43 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	363

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 230+50 TO STA.A 230+50

4/30/2014 11:39:45 AM
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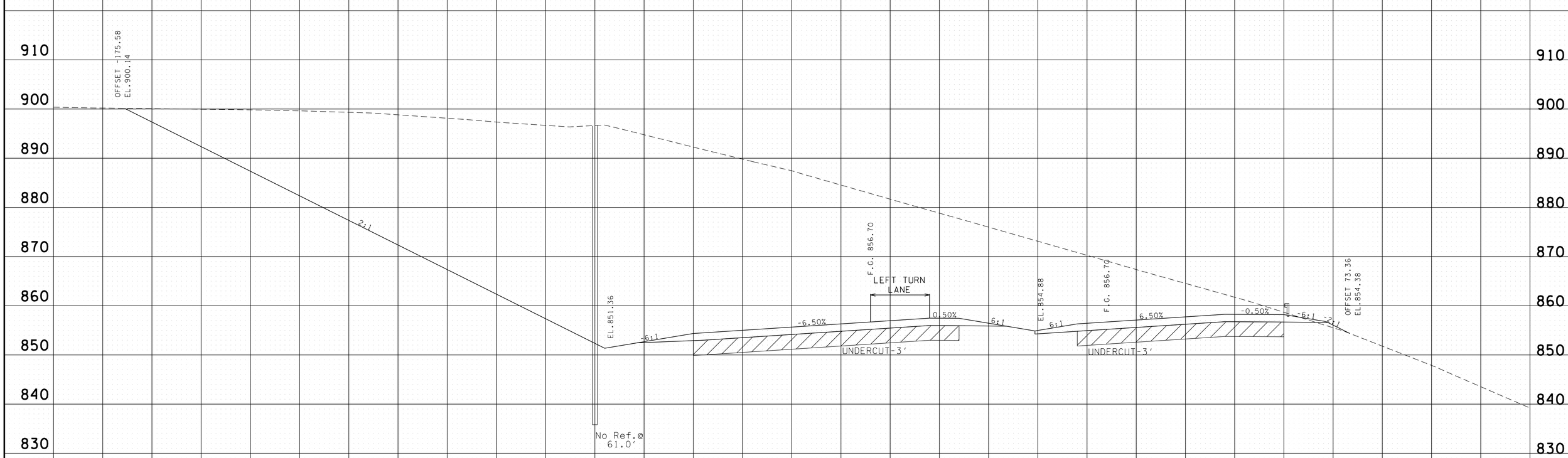
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	364

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

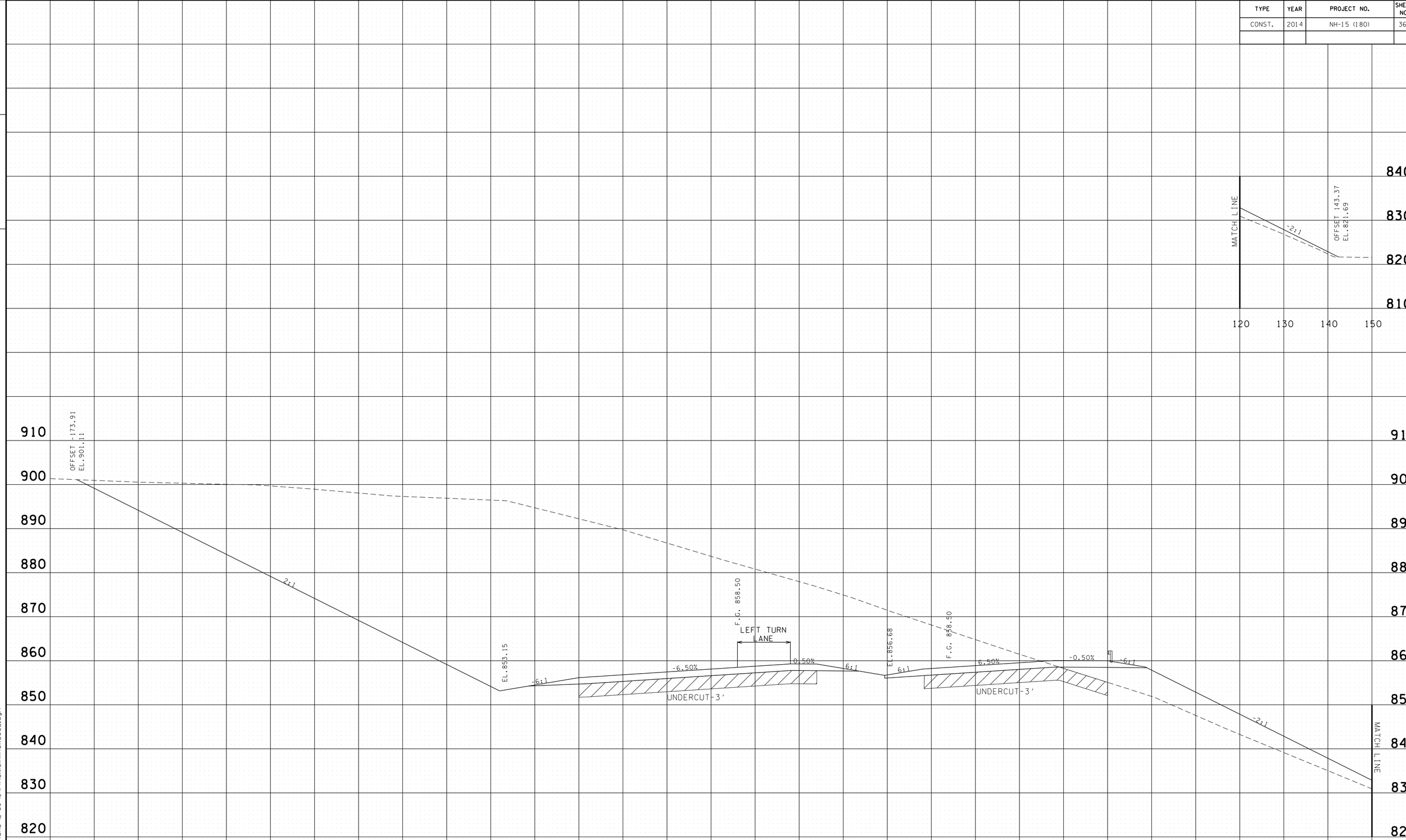
SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 231+00 TO STA.A 231+00

4/30/2014 11:39:46 AM
G:\HDI\011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	365

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



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

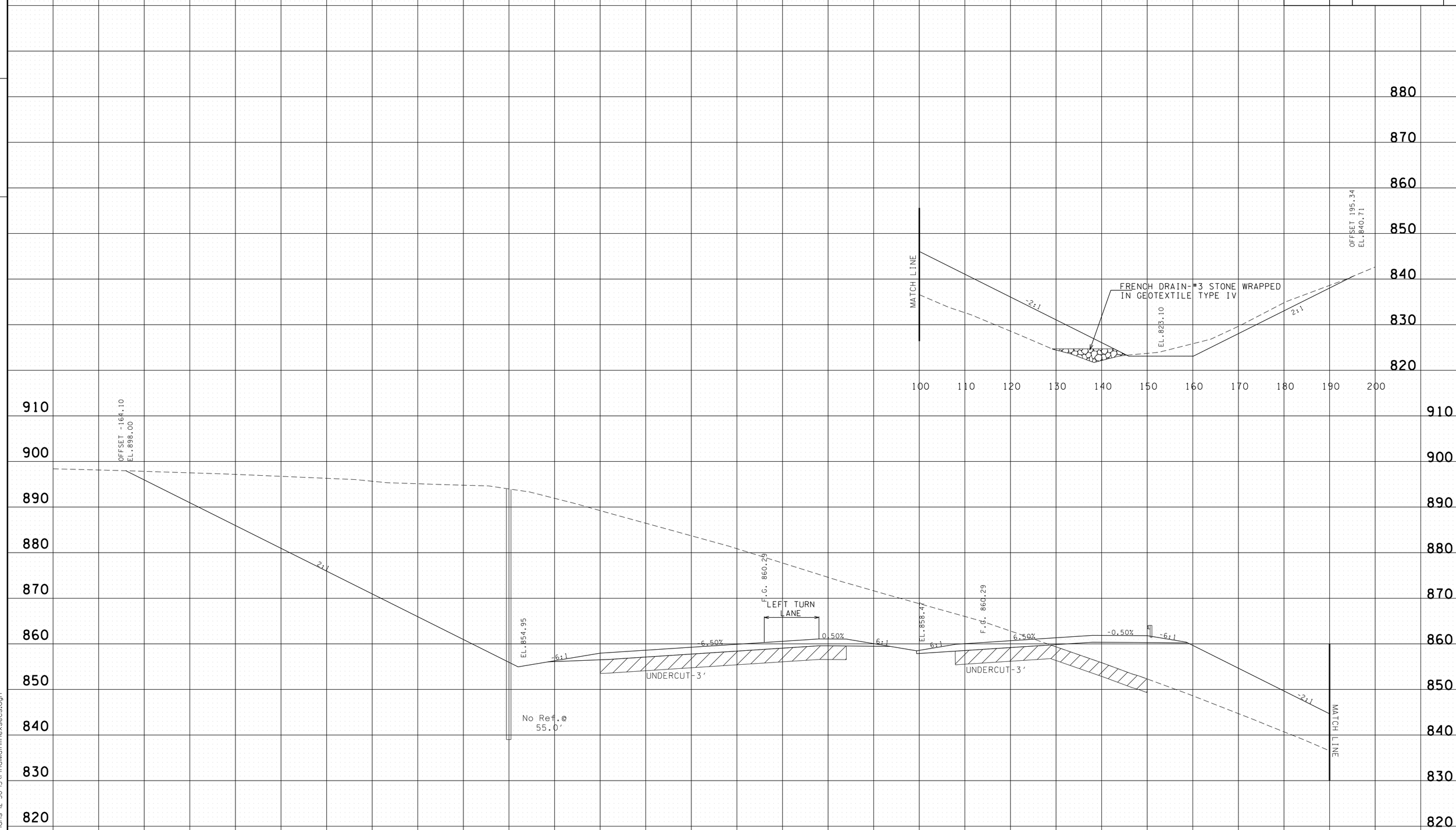
S.R. 15 MAINLINE
STA.A 231+50 TO STA.A 231+50

4/30/2014 11:39:48 AM
G:\HDI011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	366

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

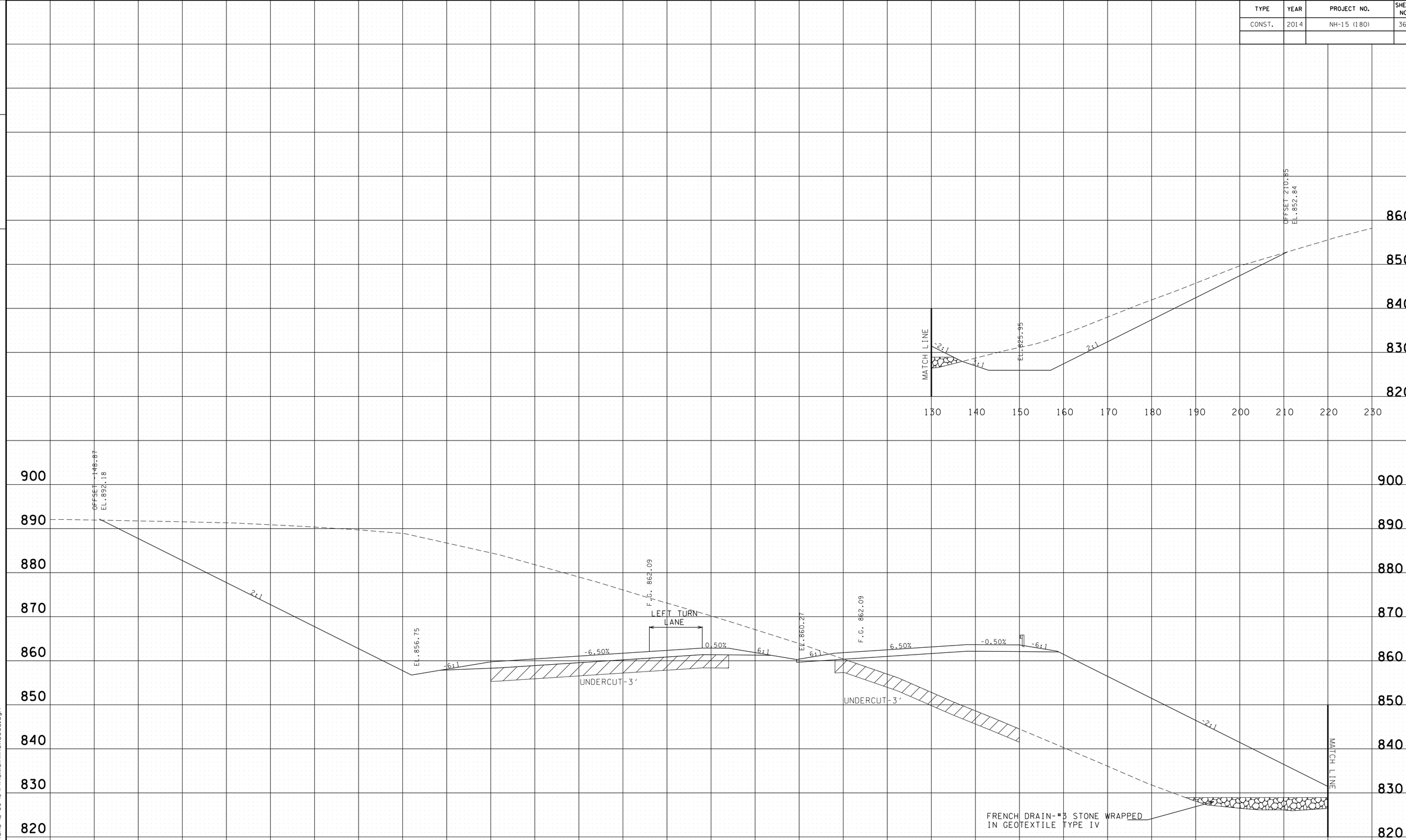
S.R. 15 MAINLINE
STA.A 232+00 TO STA.A 232+00

4/30/2014 11:39:50 AM
G:\HDOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	367

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 232+50 TO STA.A 232+50

4/30/2014 11:39:51 AM
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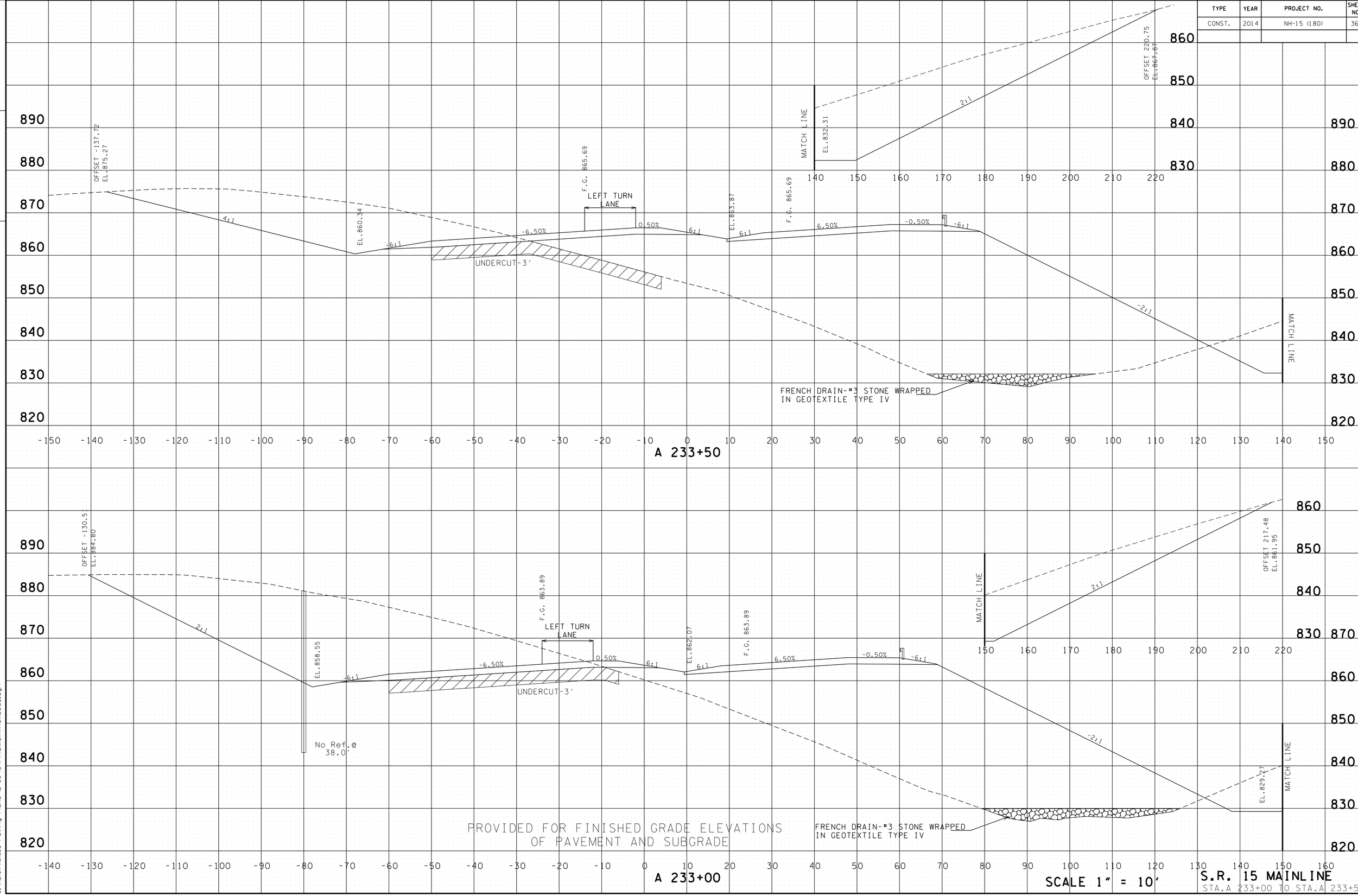
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	368

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 233+00 TO STA.A 233+50

4/30/2014 11:39:53 AM
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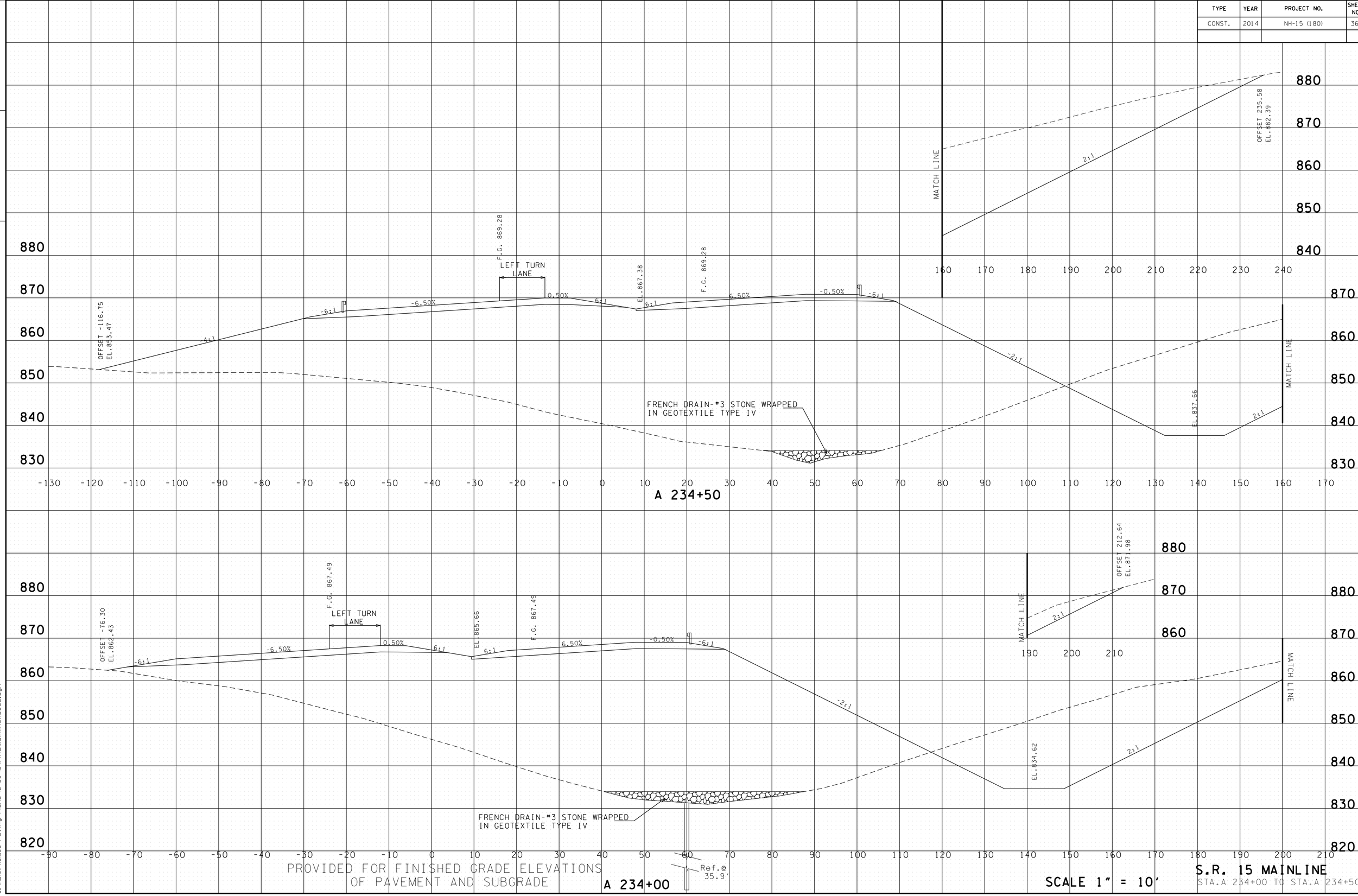
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	369

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

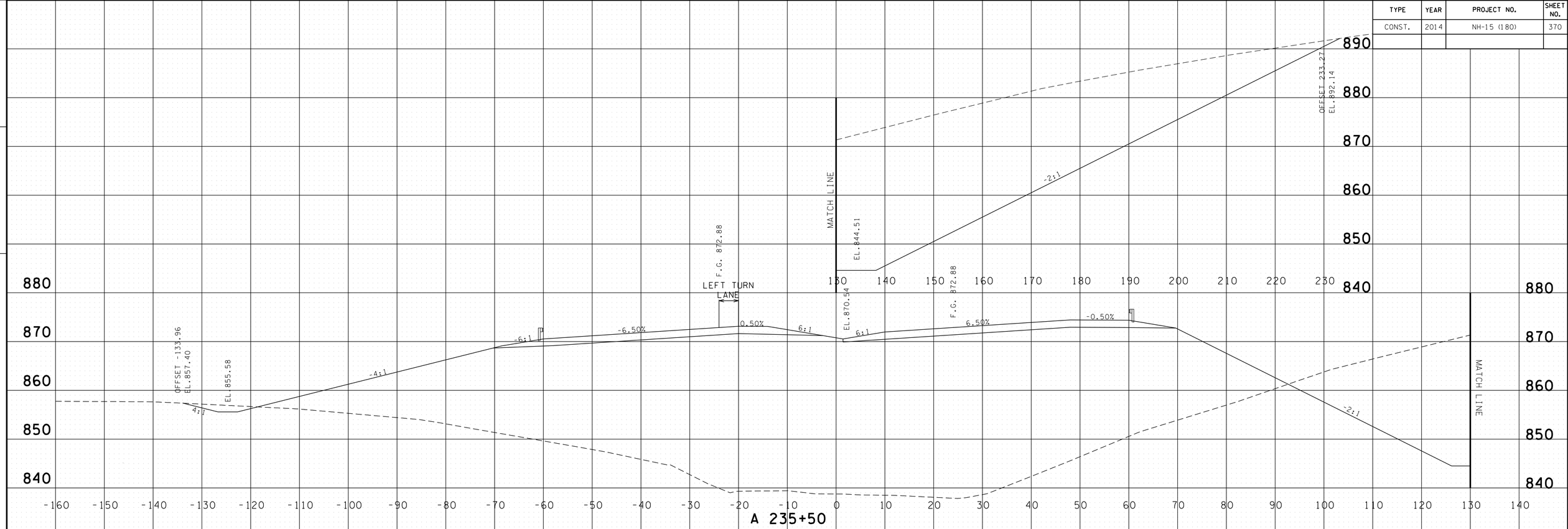
S.R. 15 MAINLINE
STA.A 234+00 TO STA.A 234+50

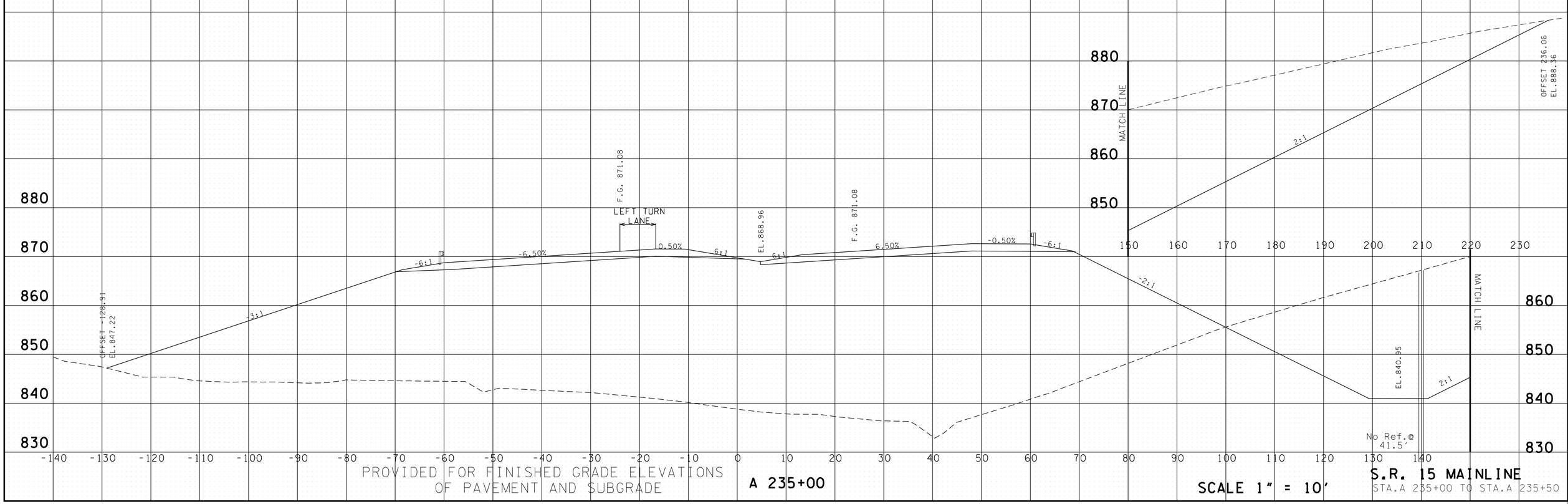
4/30/2014 11:39:55 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	370

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

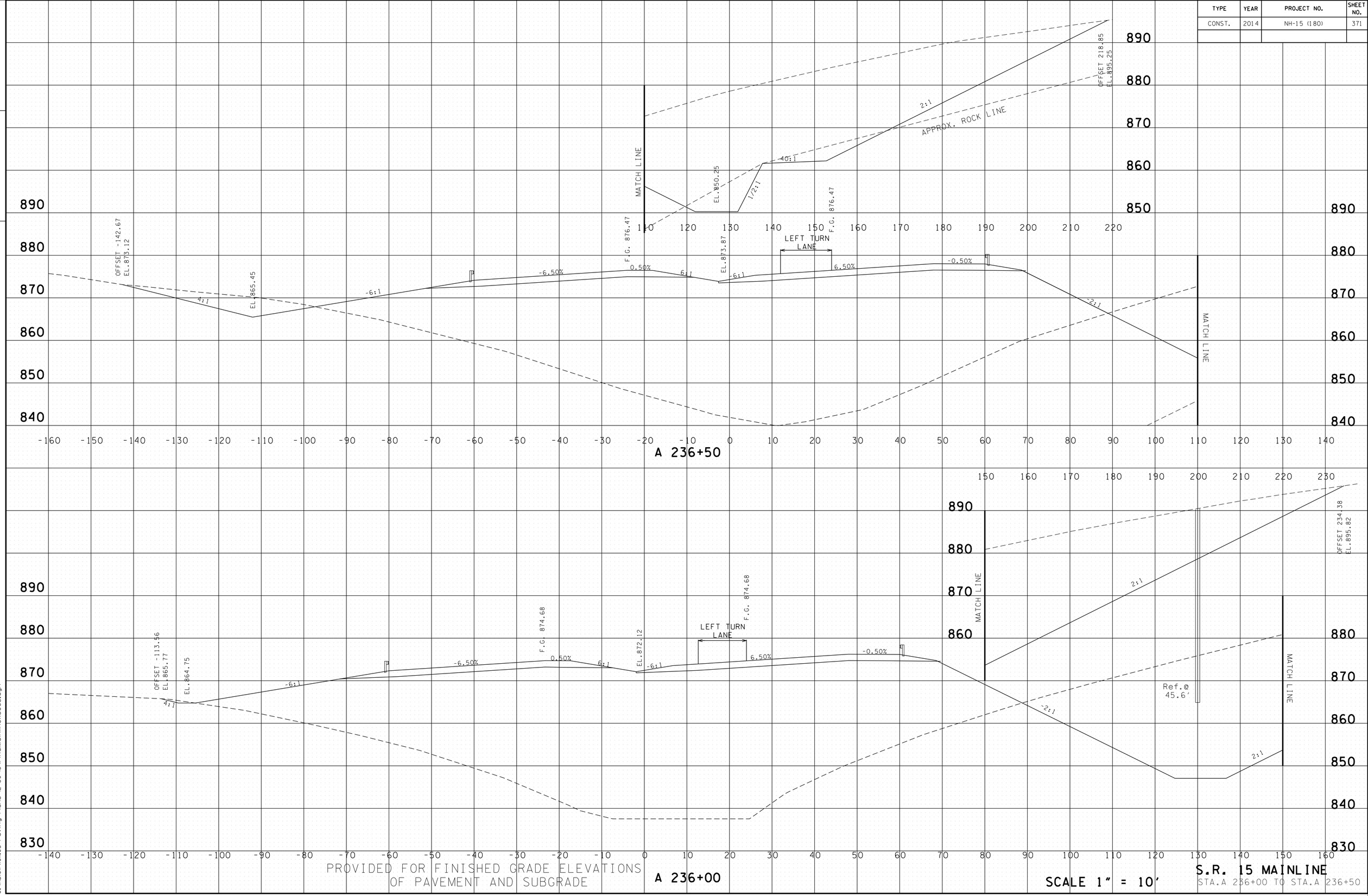
S.R. 15 MAINLINE
STA.A 235+00 TO STA.A 235+50

4/30/2014 11:39:56 AM
G:\HDIOI\NIOI.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	371

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 236+00 TO STA.A 236+50

4/30/2014 11:39:58 AM
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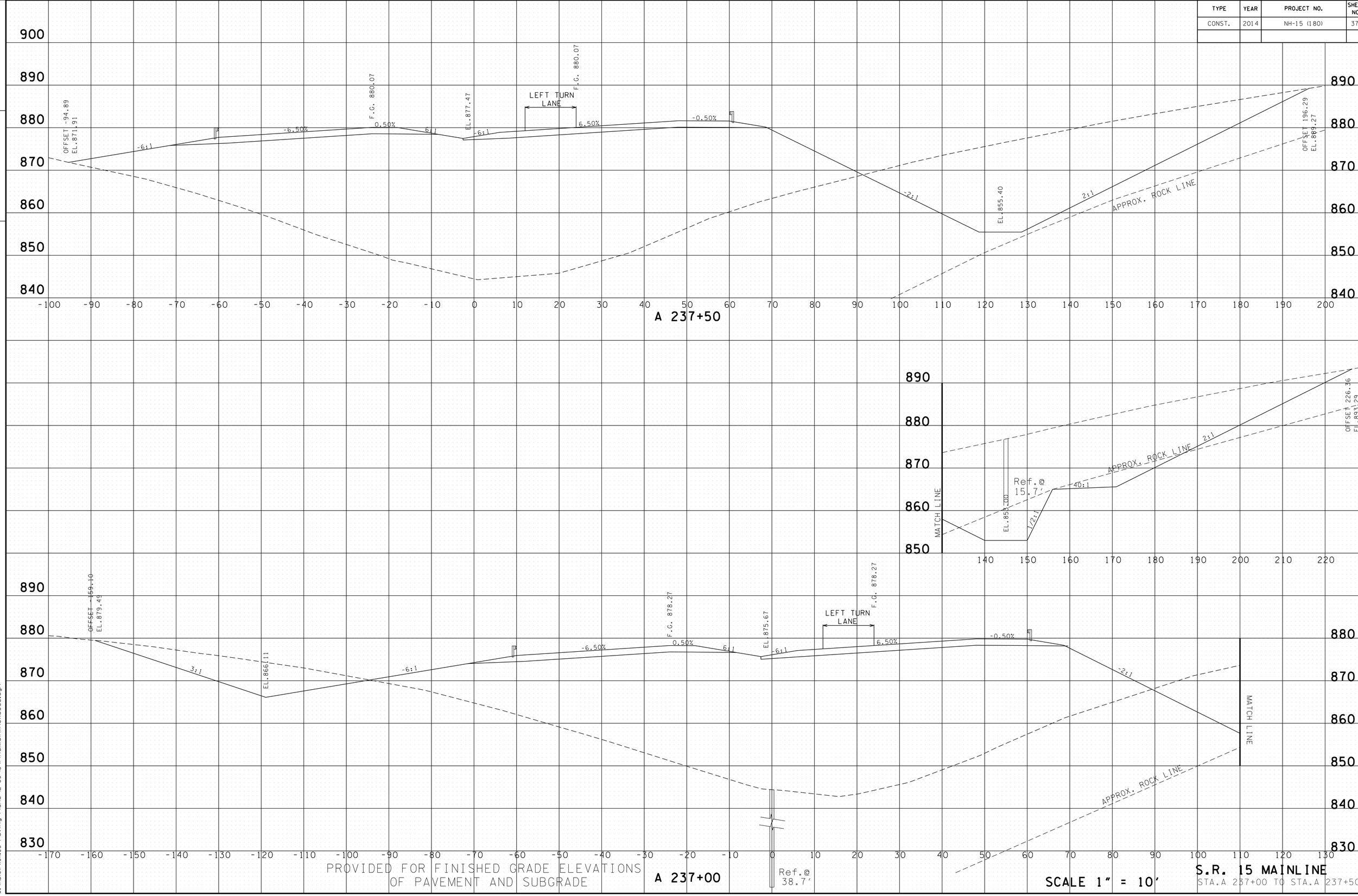
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	372

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



S.R. 15 MAINLINE
STA.A 237+00 TO STA.A 237+50

4/30/2014 11:40:00 AM
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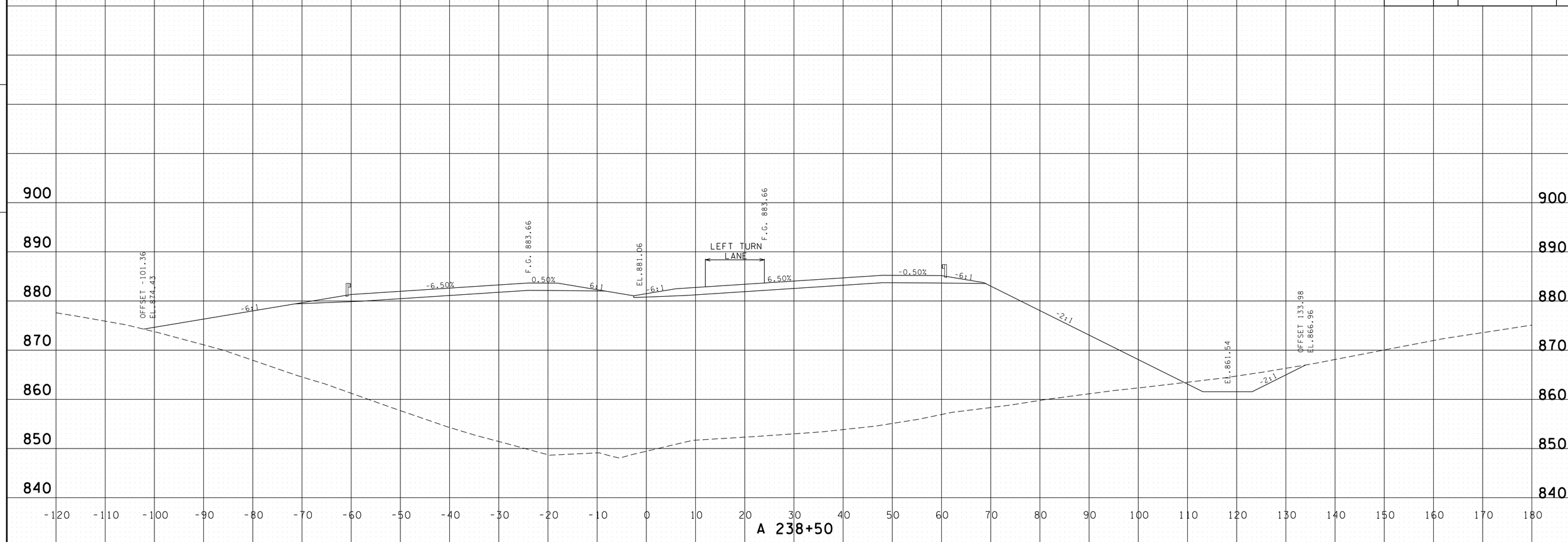
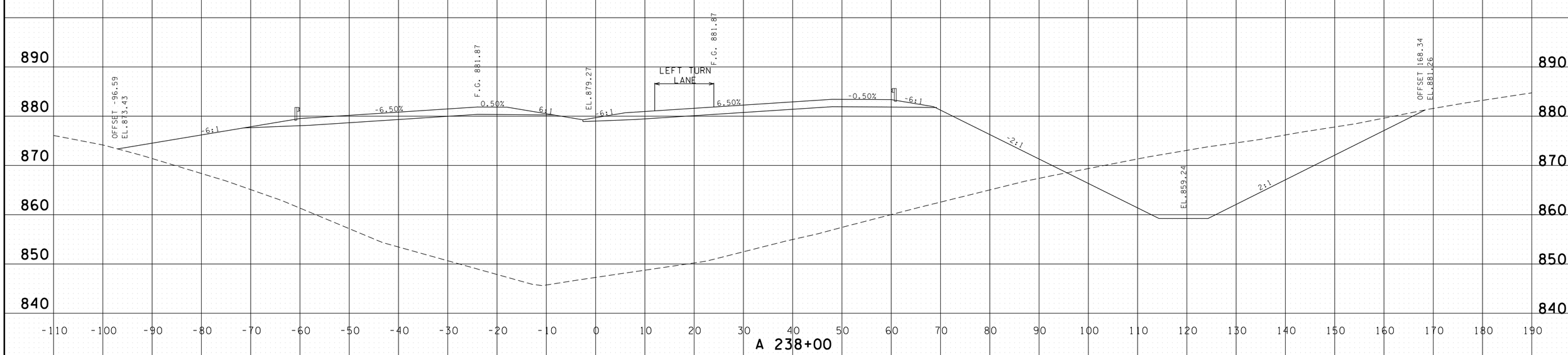
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	373

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

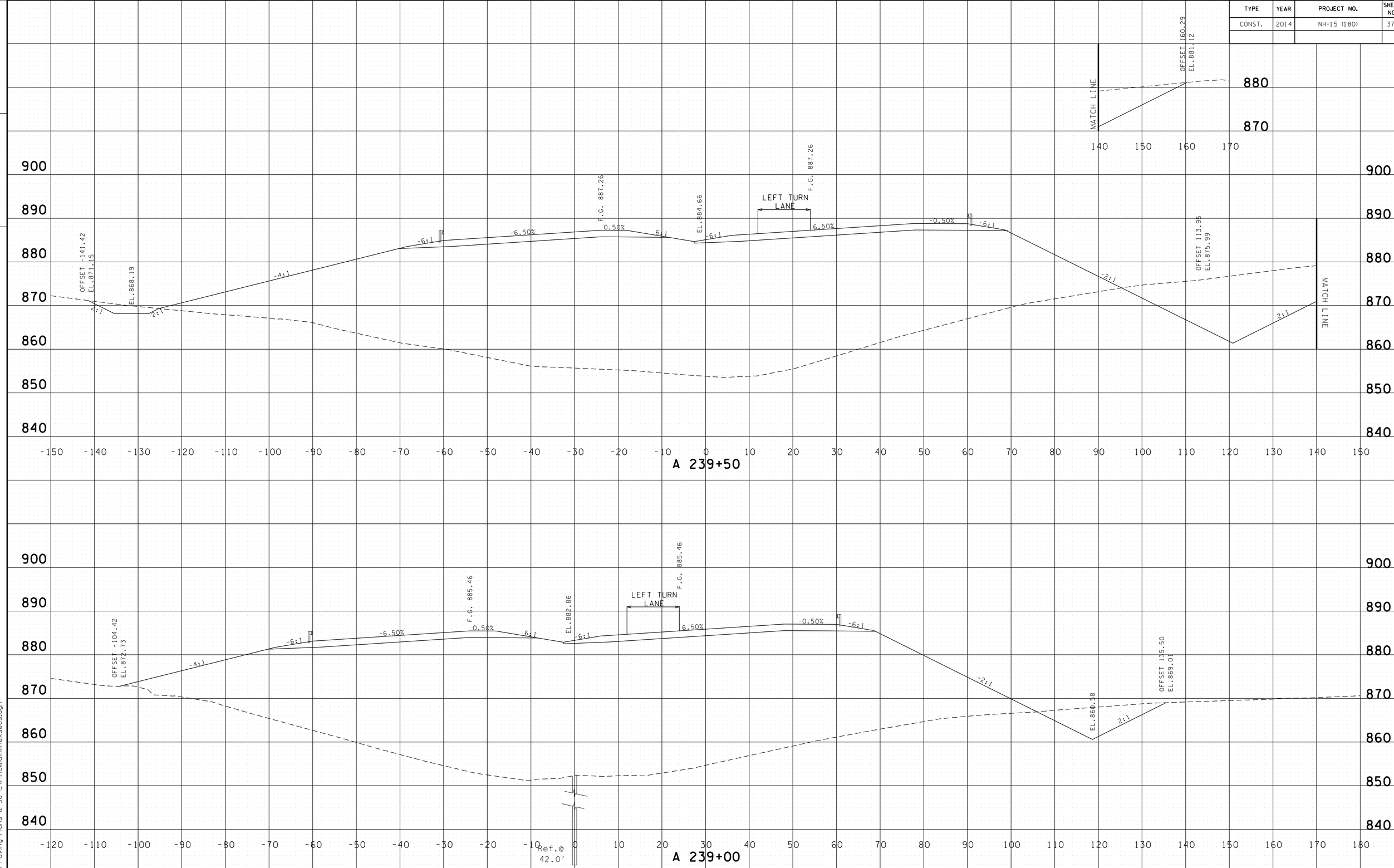
S.R. 15 MAINLINE
STA.A 238+00 TO STA.A 238+50

4/30/2014 11:40:01 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	374

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

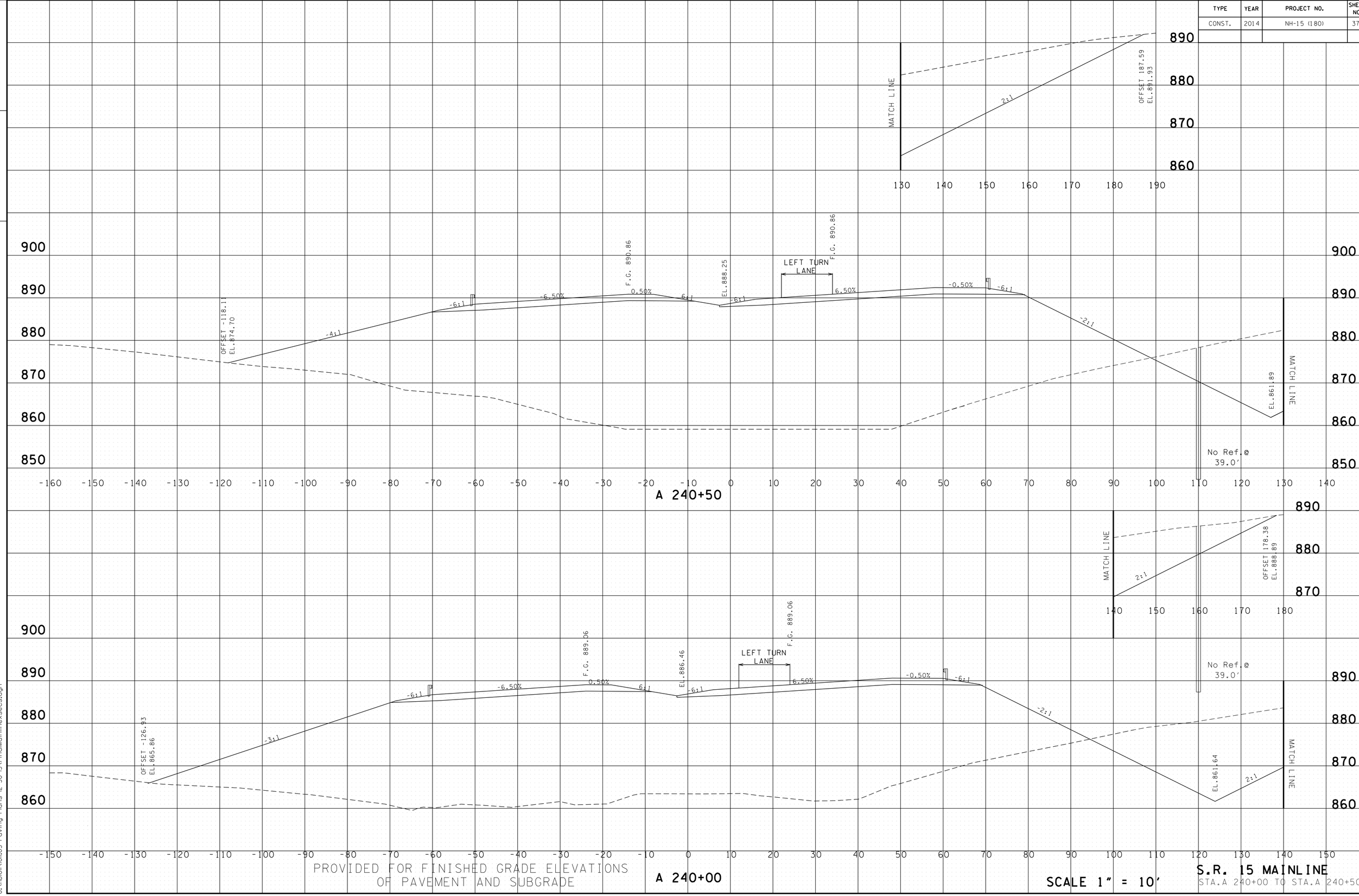
S.R. 15 MAINLINE
STA.A 239+00 TO STA.A 239+50

4/30/2014 11:40:03 AM
G:\HDIDIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	375

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

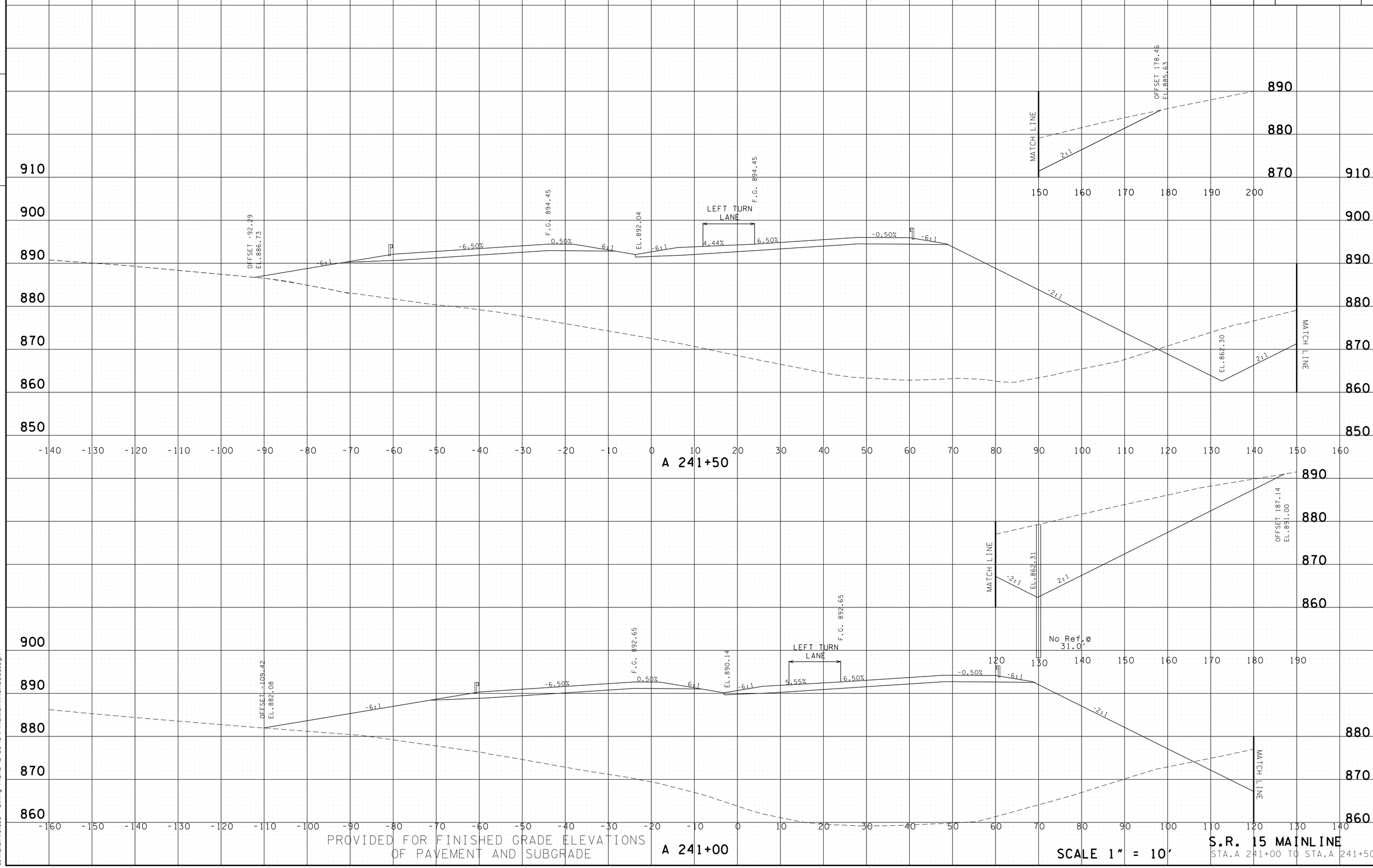
S.R. 15 MAINLINE
STA.A 240+00 TO STA.A 240+50

4/30/2014 11:40:05 AM
G:\HD\011\01L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	376

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

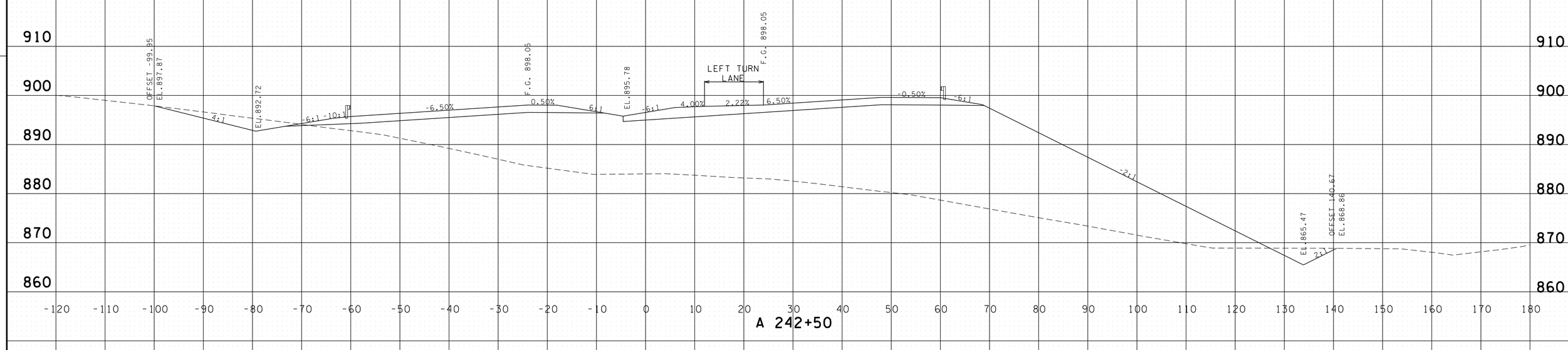
S.R. 15 MAINLINE
STA.A 241+00 TO STA.A 241+50

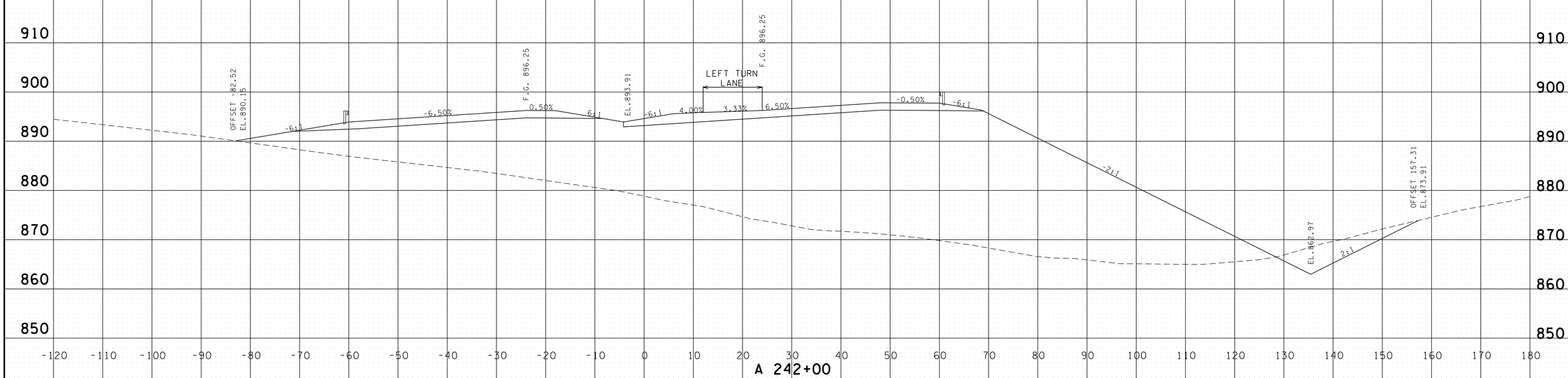
4/30/2014 11:40:07 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	377

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

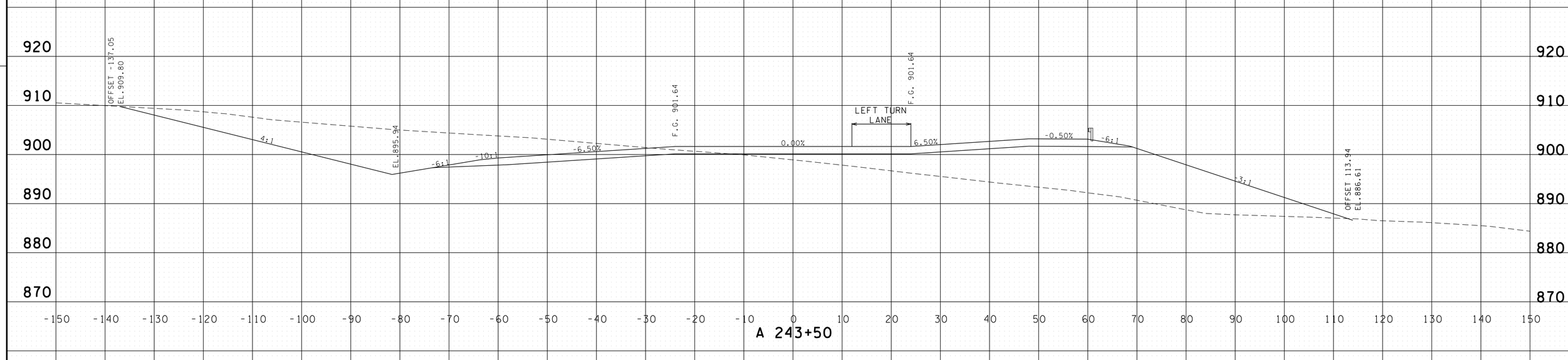
S.R. 15 MAINLINE
STA.A 242+00 TO STA.A 242+50

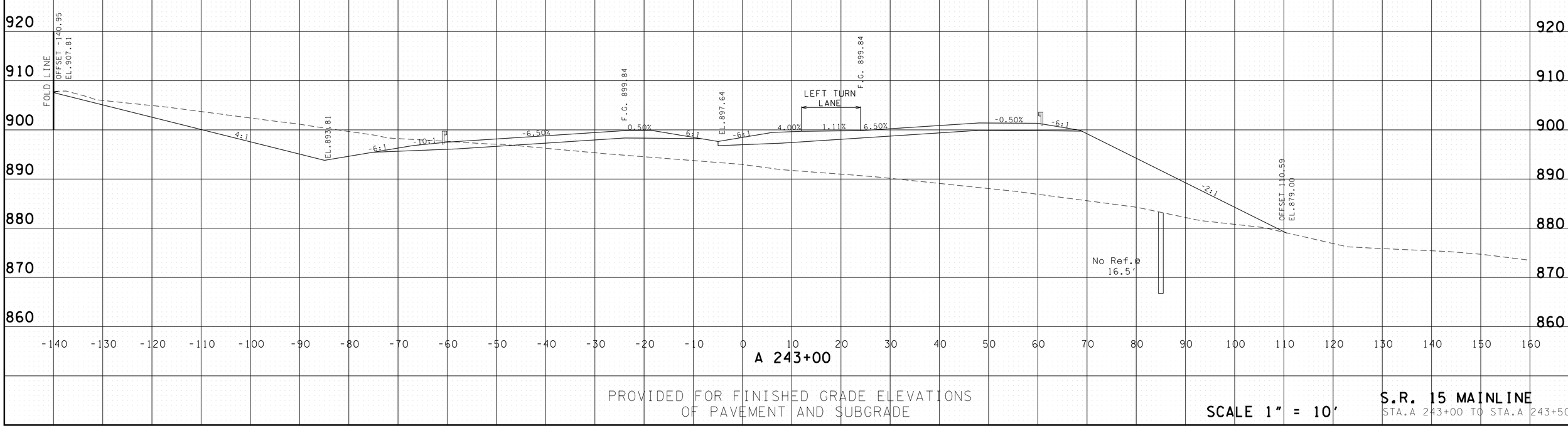
4/30/2014 11:40:08 AM
G:\HDIDIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	378

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

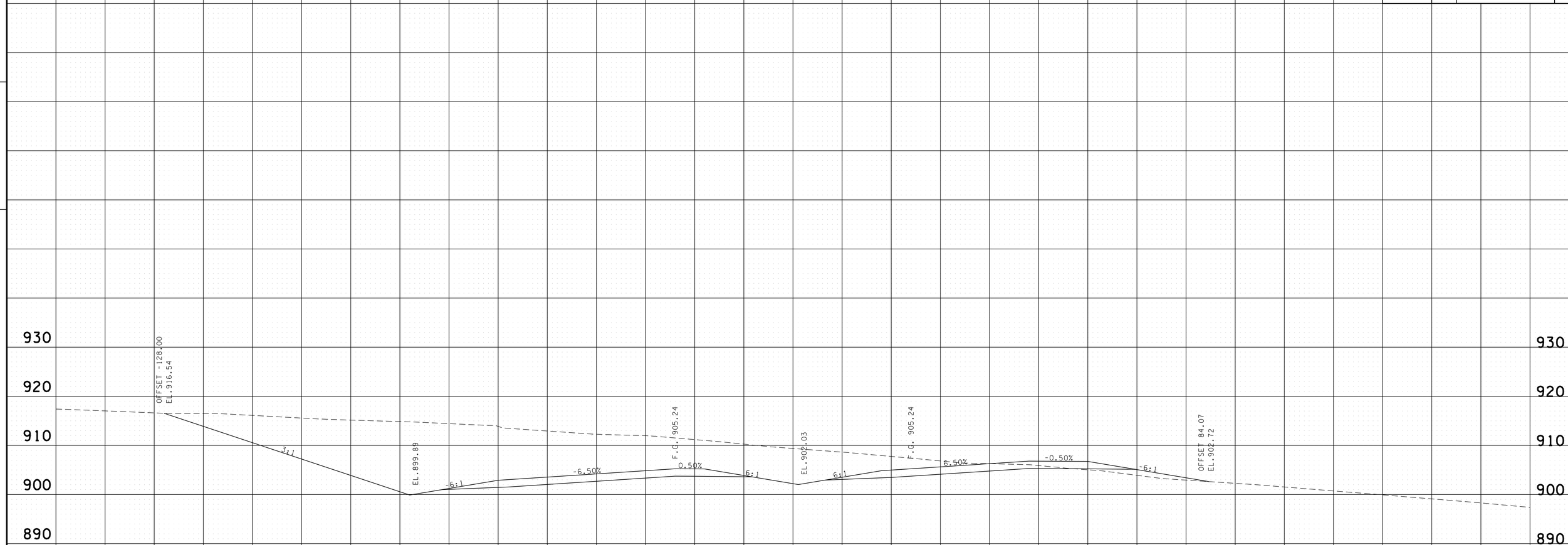
S.R. 15 MAINLINE
STA.A 243+00 TO STA.A 243+50

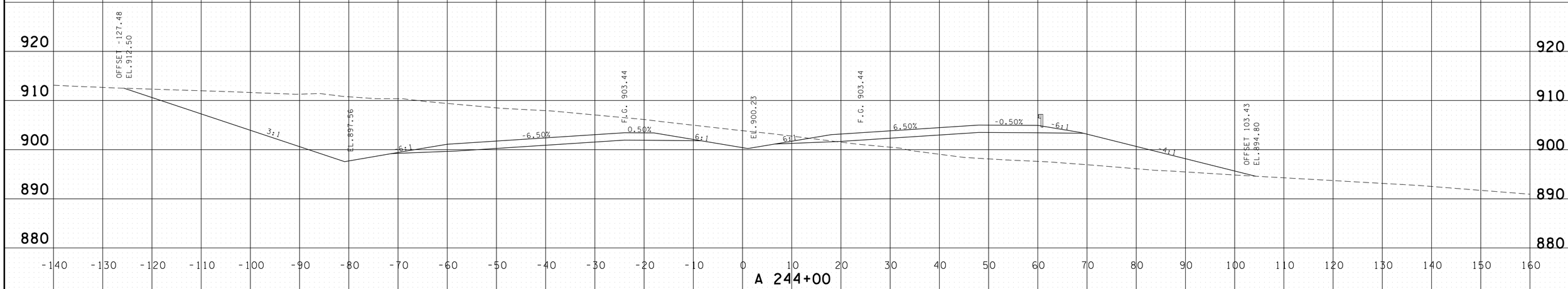
4/30/2014 11:40:10 AM
G:\HD\DIN\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	379

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 244+00 TO STA.A 244+50

4/30/2014 11:40:12 AM
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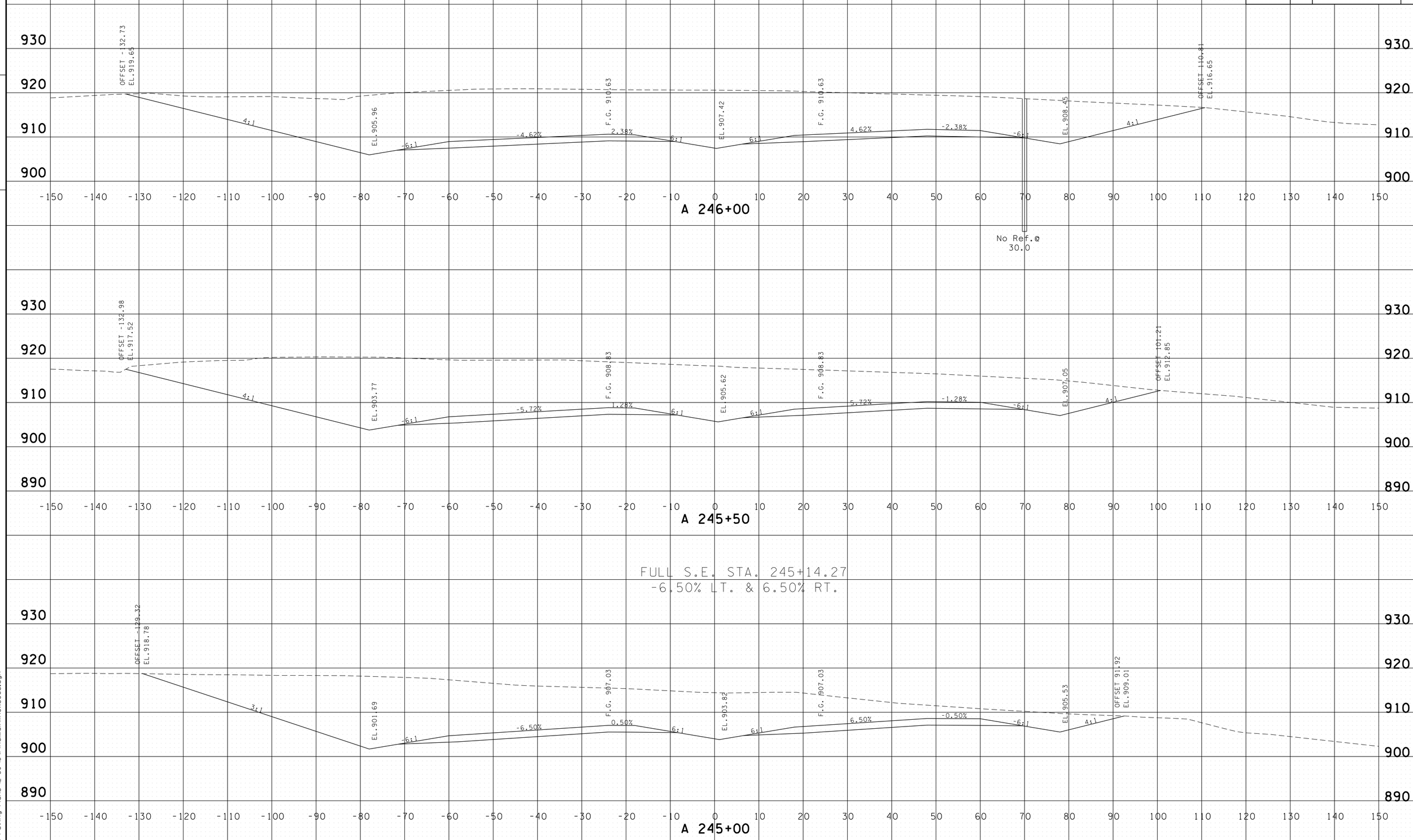
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	380

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 245+00 TO STA.A 246+00

4/30/2014 11:40:13 AM
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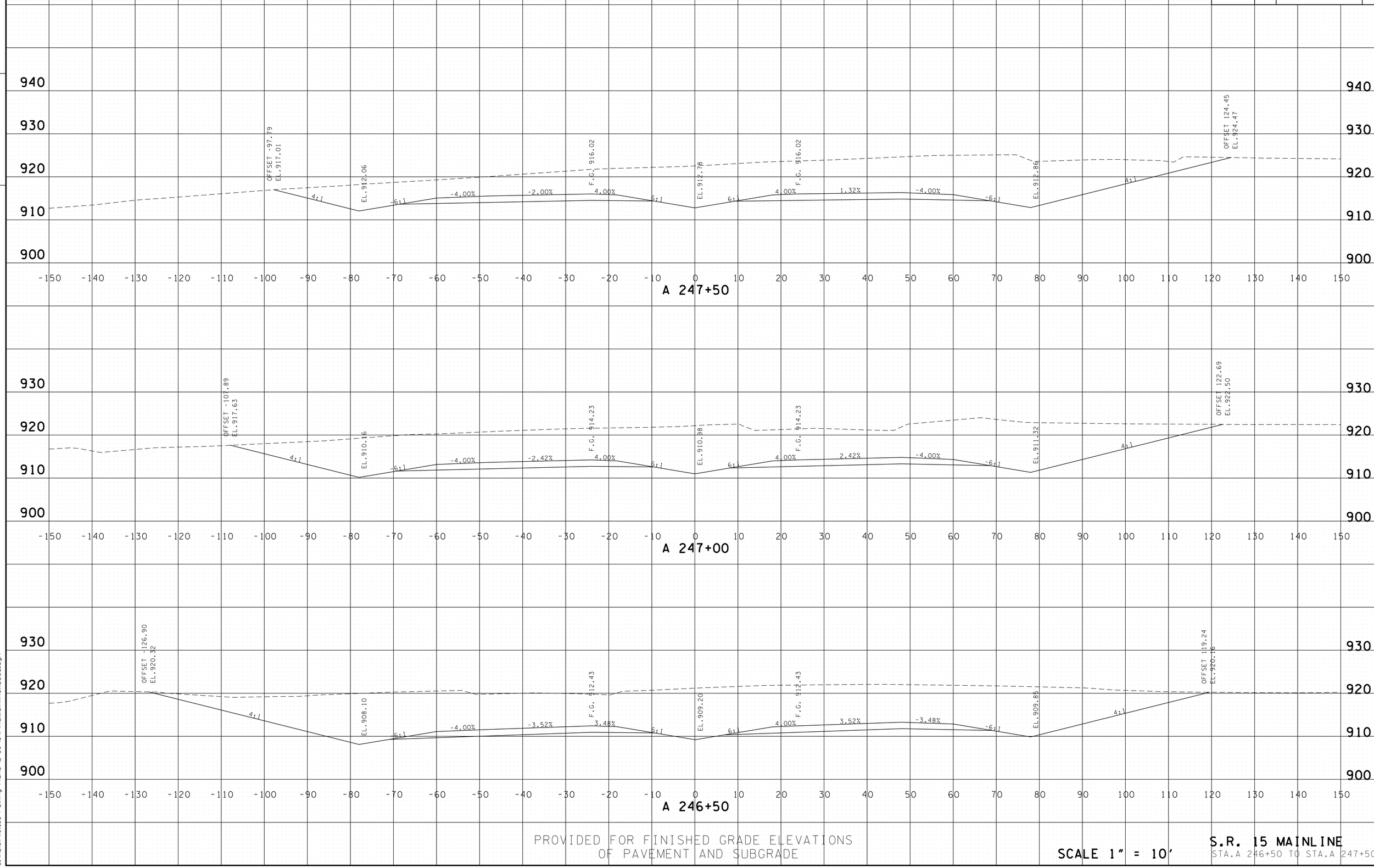
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	381

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

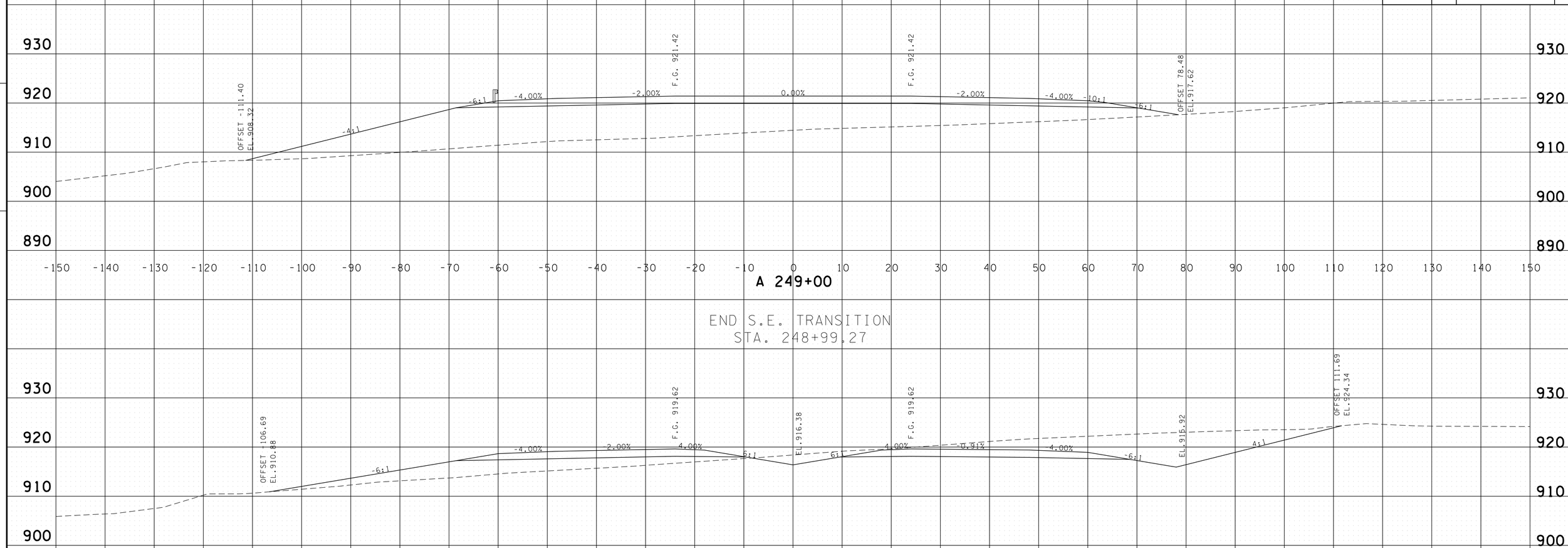
S.R. 15 MAINLINE
STA.A 246+50 TO STA.A 247+50

4/30/2014 11:40:15 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

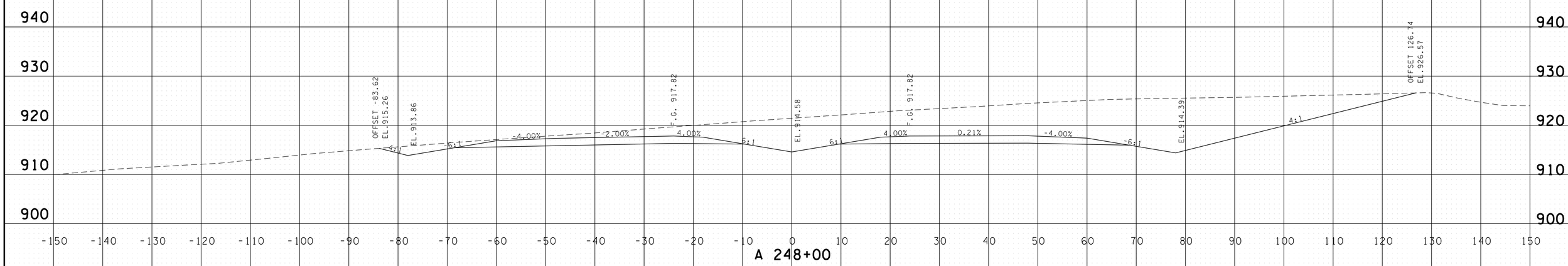
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	382

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



END S.E. TRANSITION
STA. 248+99.27



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

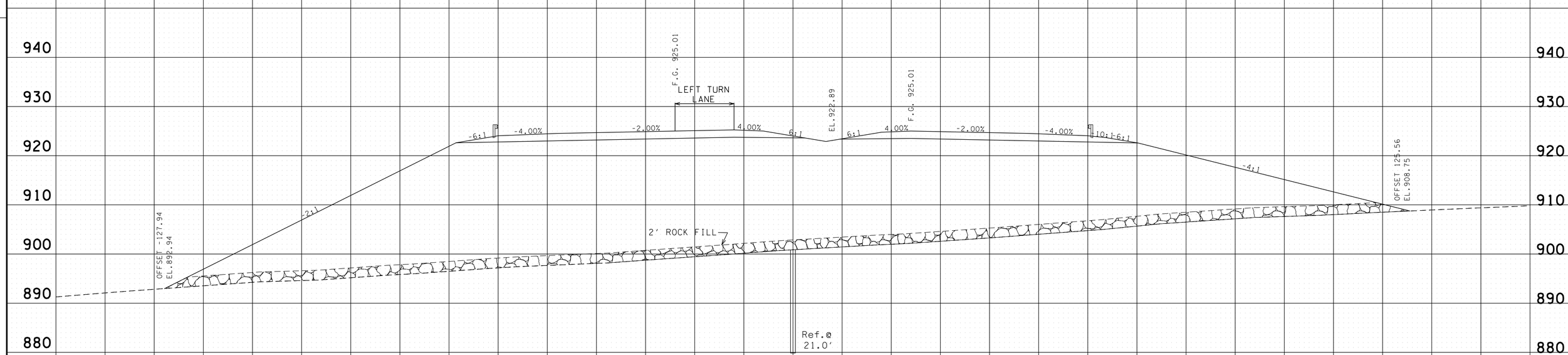
S.R. 15 MAINLINE
STA.A 248+00 TO STA.A 249+00

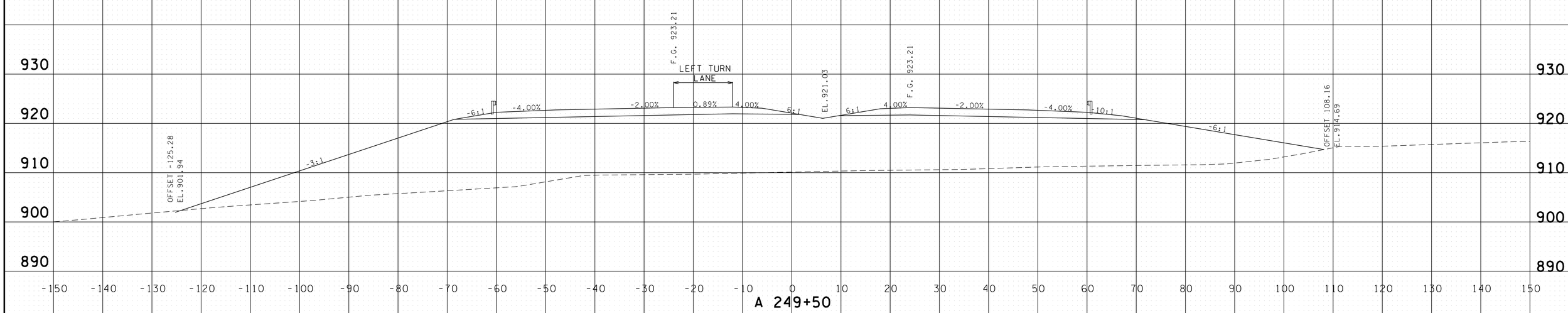
4/30/2014 11:40:17 AM
G:\HDGIN\01\03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	383

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 249+50 TO STA.A 250+00

4/30/2014 11:40:18 AM
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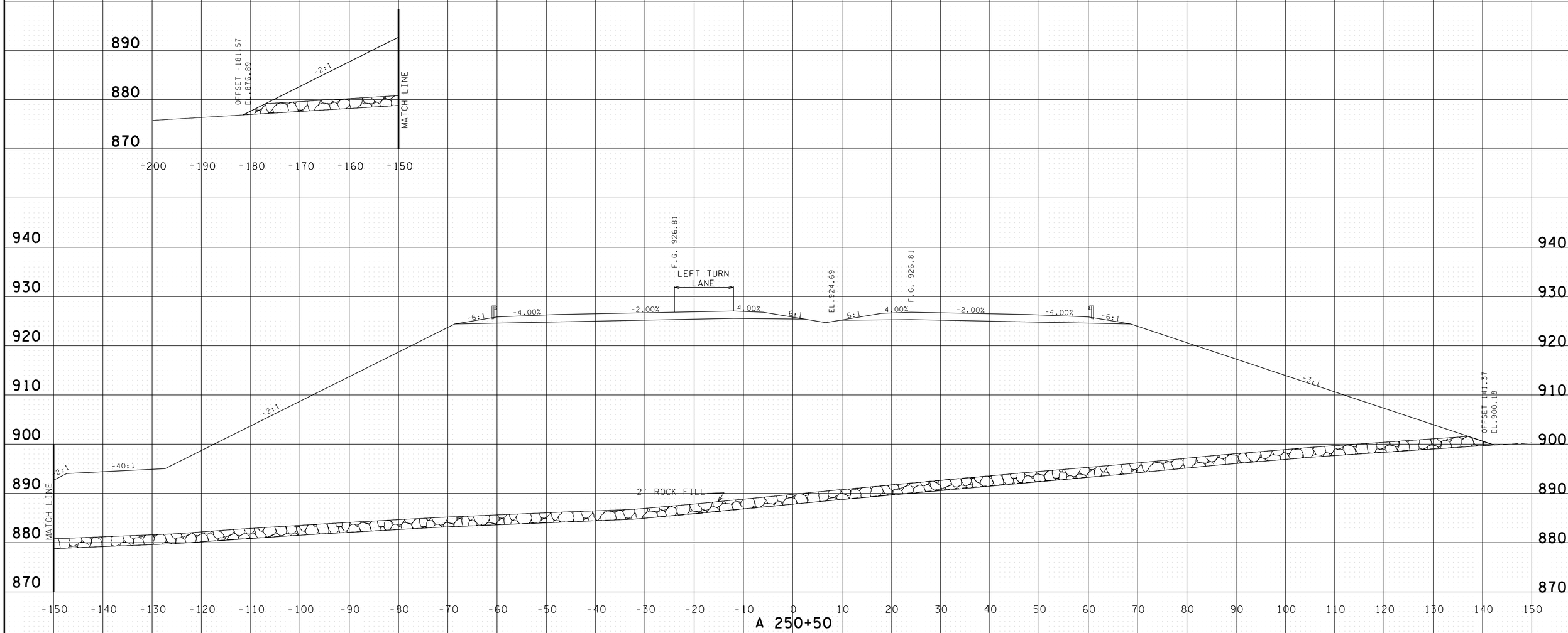
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	384

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

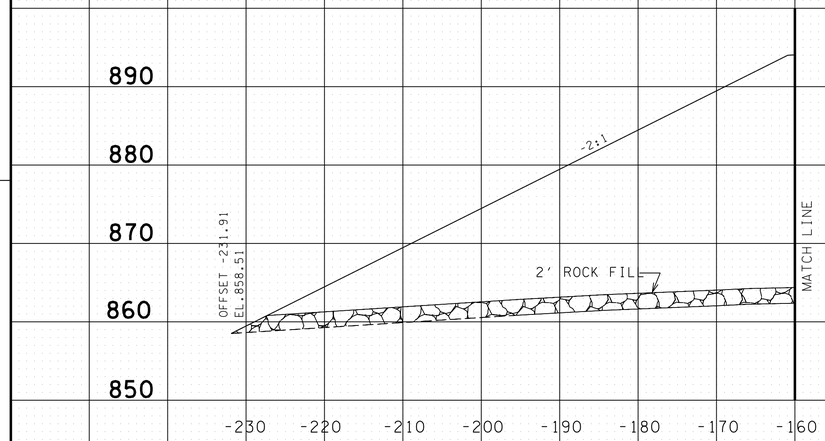
S.R. 15 MAINLINE
STA.A 250+50 TO STA.A 250+50

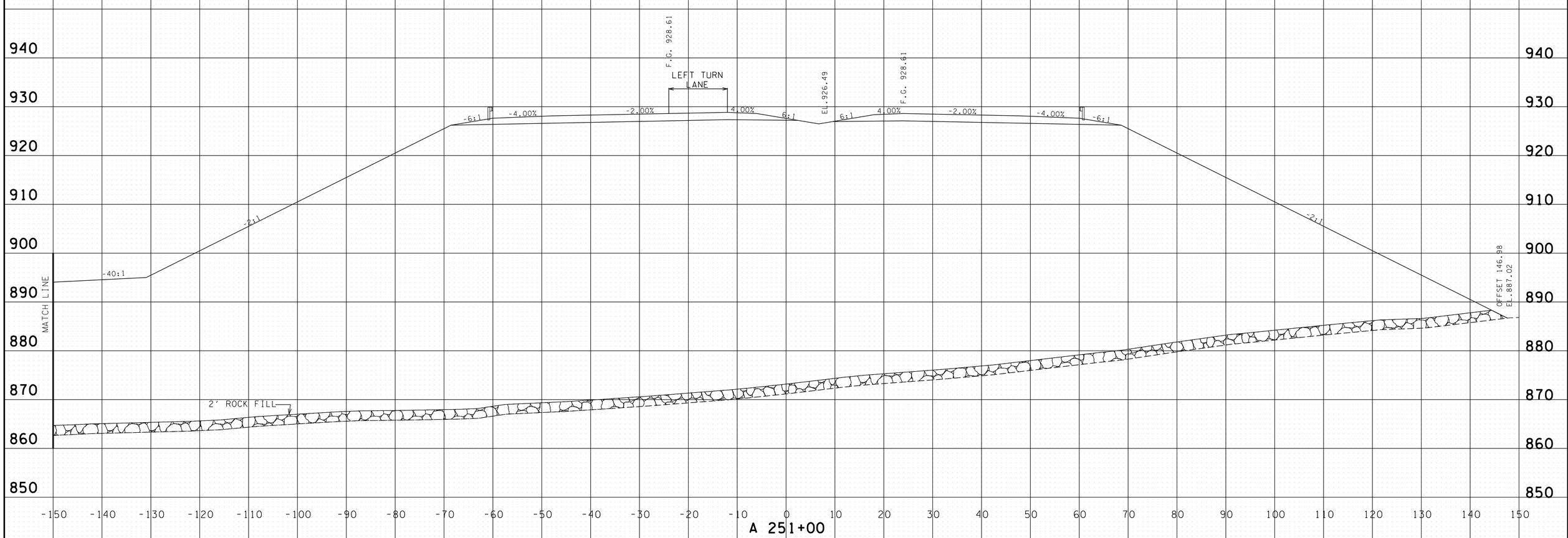
4/30/2014 11:40:20 AM
G:\HDI\011\01.03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	385

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





A 251+00

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 251+00 TO STA.A 251+00

4/30/2014 11:40:22 AM
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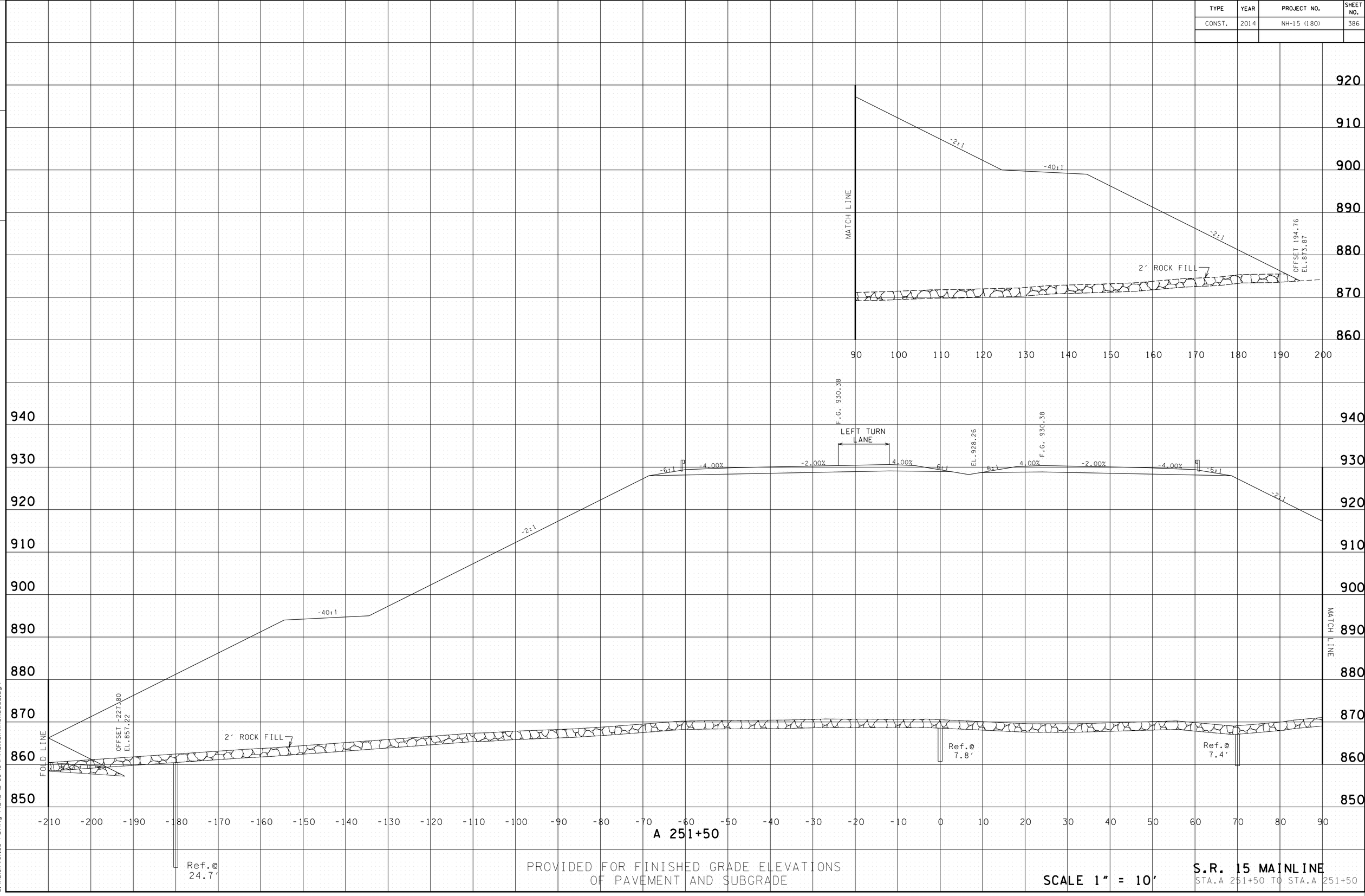
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	386

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 251+50 TO STA.A 251+50

4/30/2014 11:40:24 AM
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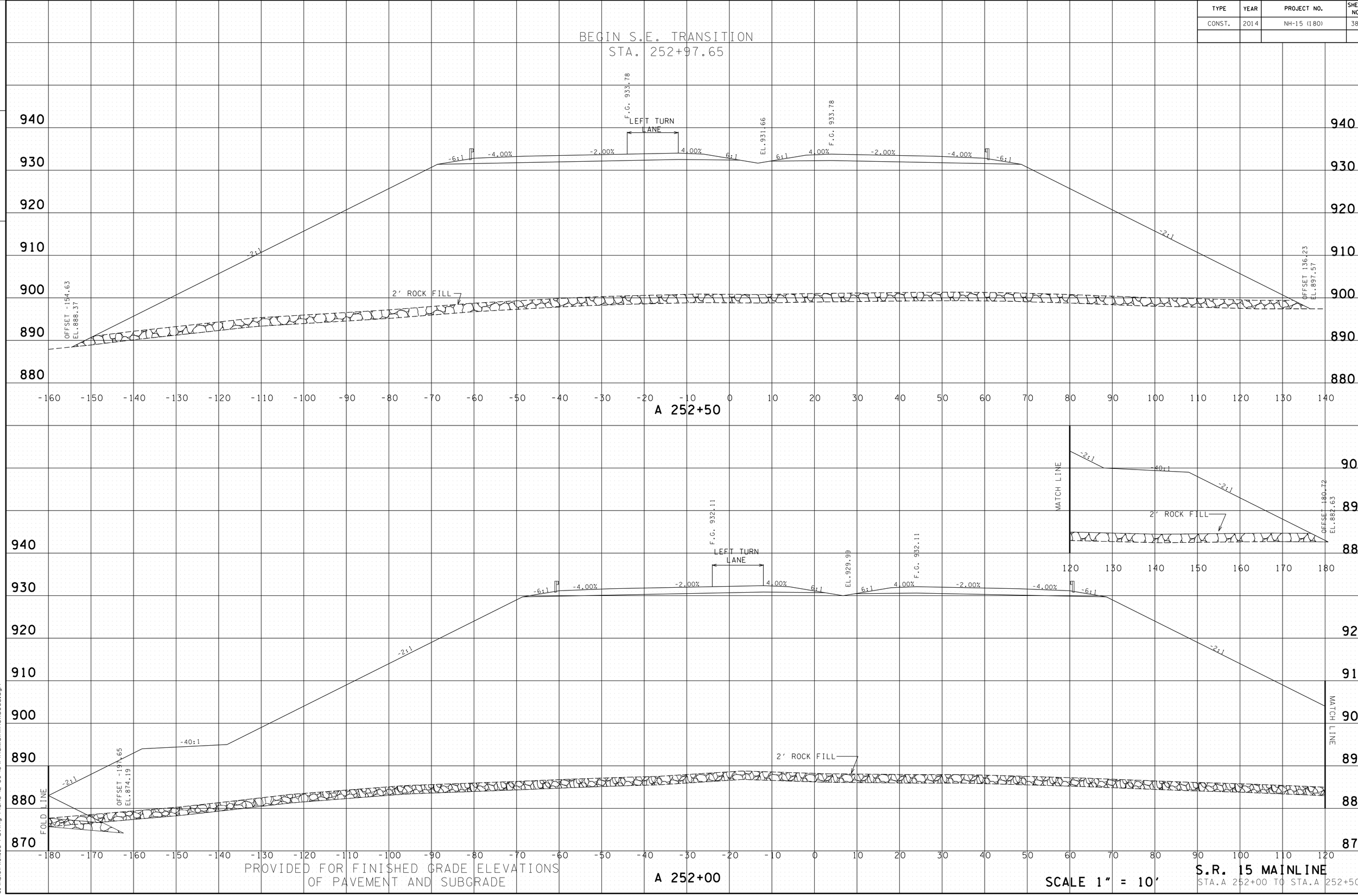
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	387

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

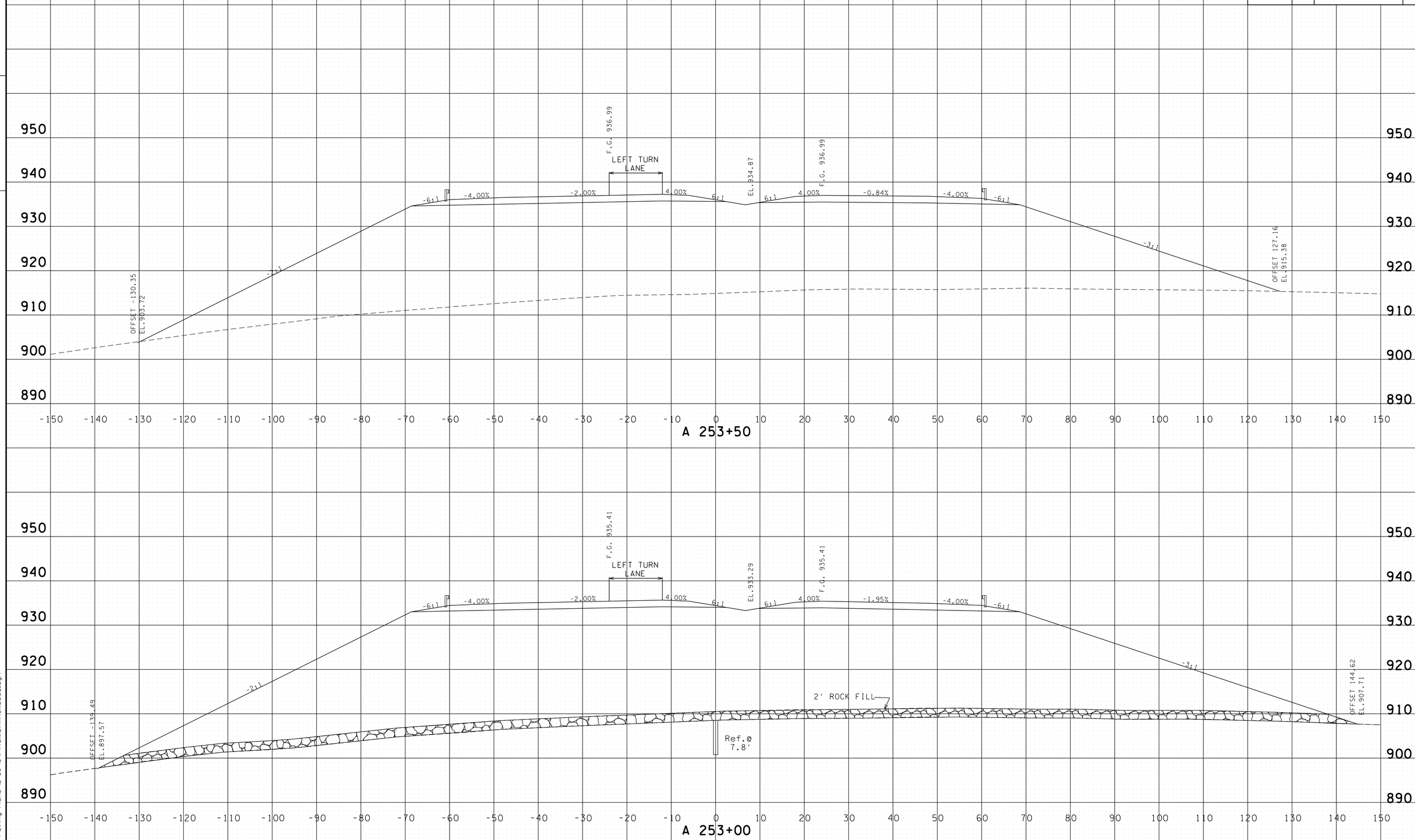
S.R. 15 MAINLINE
STA.A 252+00 TO STA.A 252+50

4/30/2014 11:40:26 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	388

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

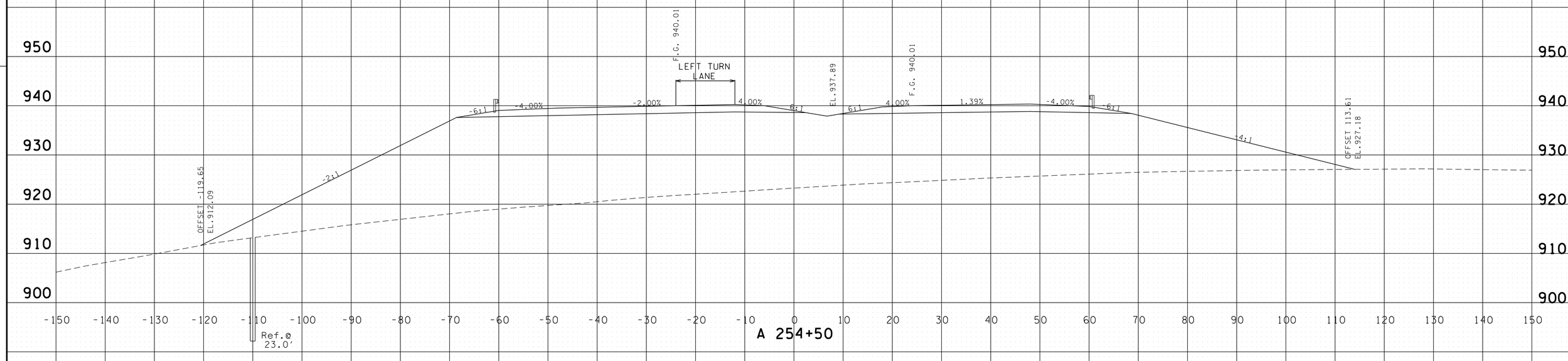
S.R. 15 MAINLINE
STA.A 253+00 TO STA.A 253+50

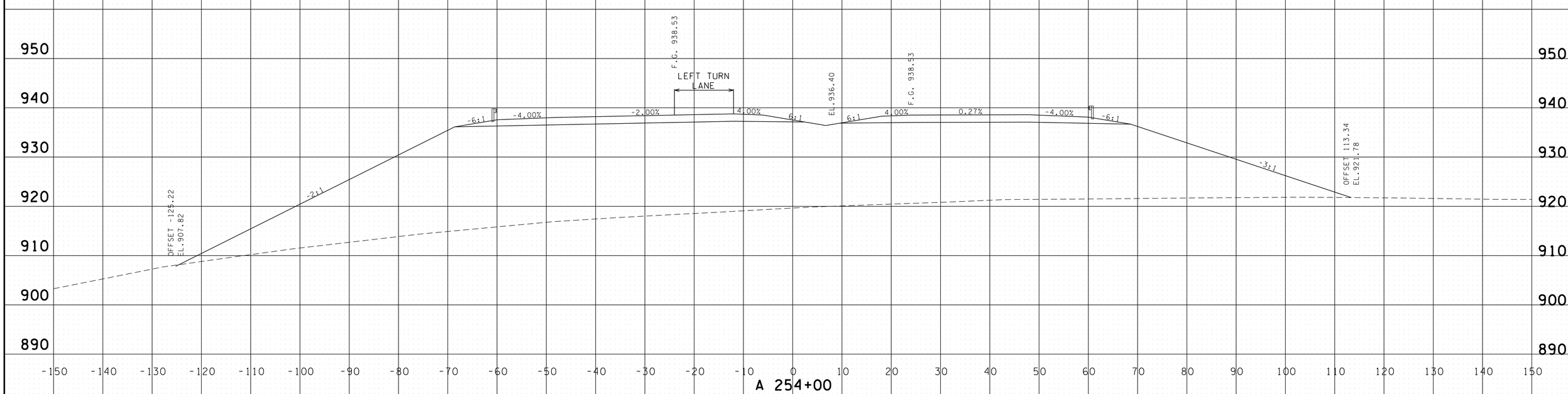
4/30/2014 11:40:27 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	389

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 254+00 TO STA.A 254+50

4/30/2014 11:40:29 AM
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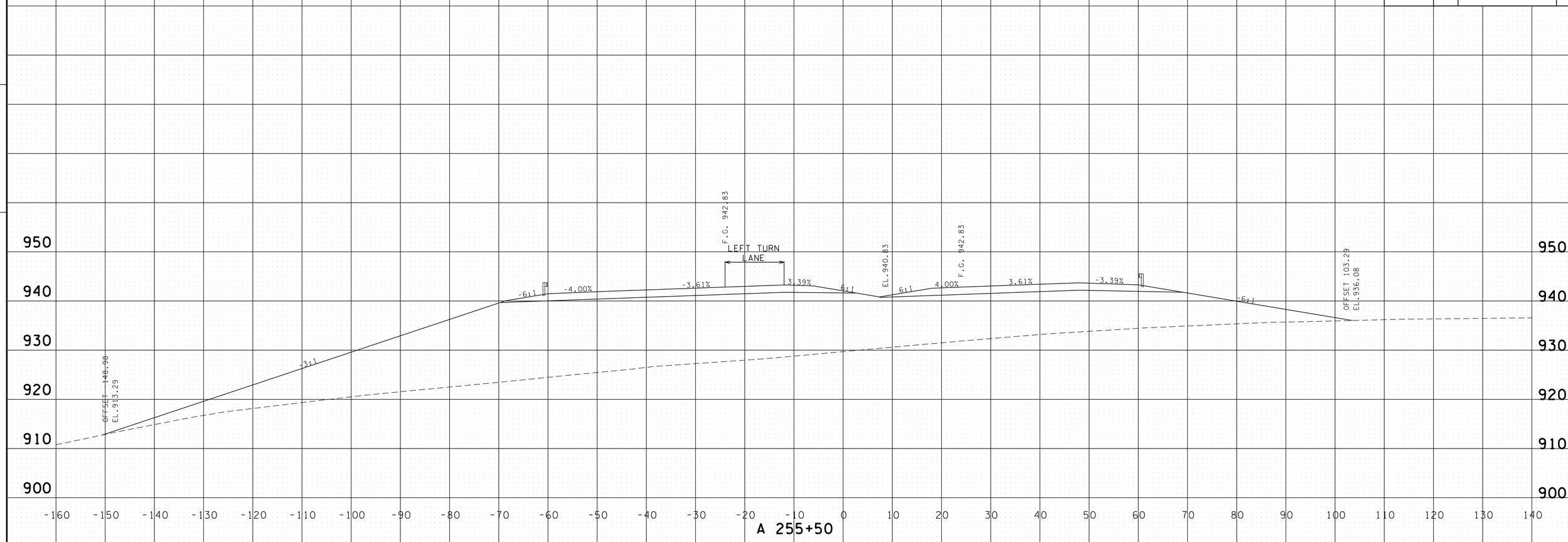
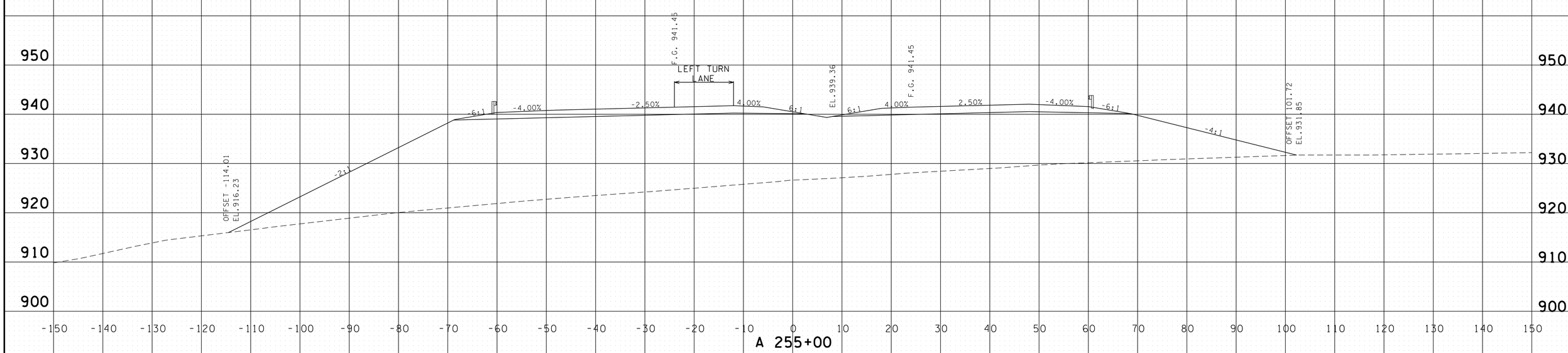
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	390

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 255+00 TO STA.A 255+50

4/30/2014 11:40:31 AM
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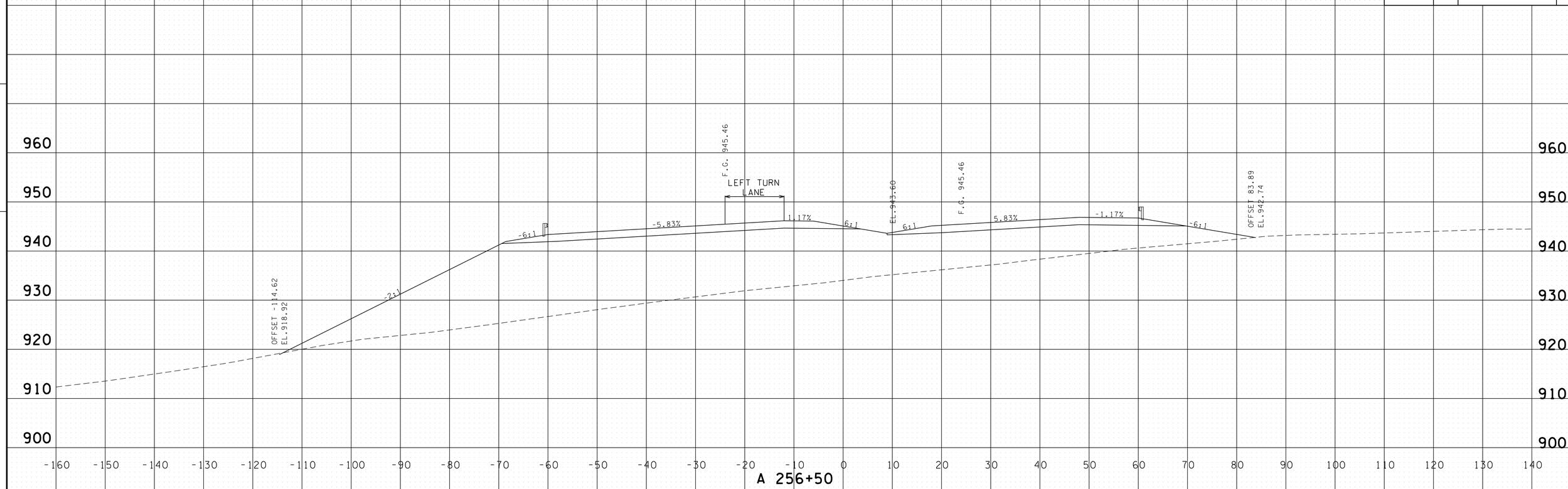
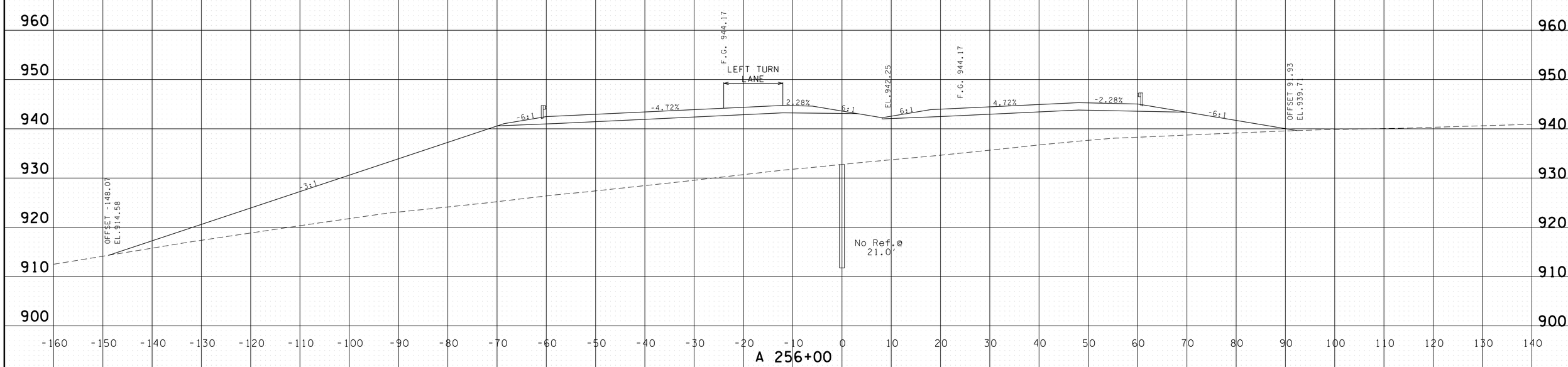
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	391

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 256+00 TO STA.A 256+50

4/30/2014 11:40:33 AM
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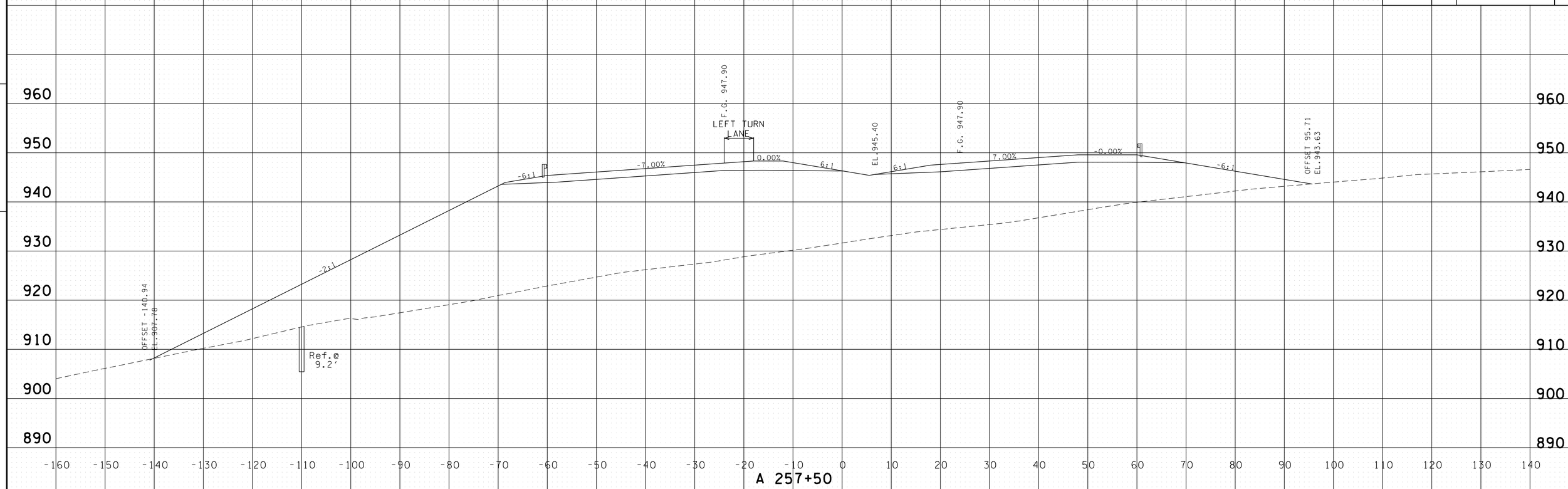
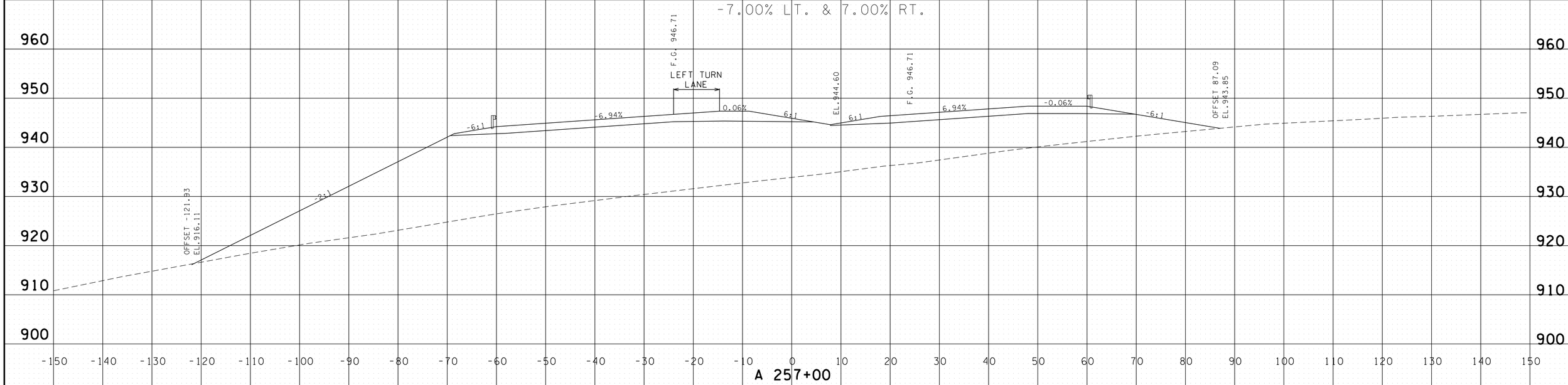
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	392

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 257+02.65
-7.00% LT. & 7.00% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 257+00 TO STA.A 257+50

4/30/2014 11:40:34 AM
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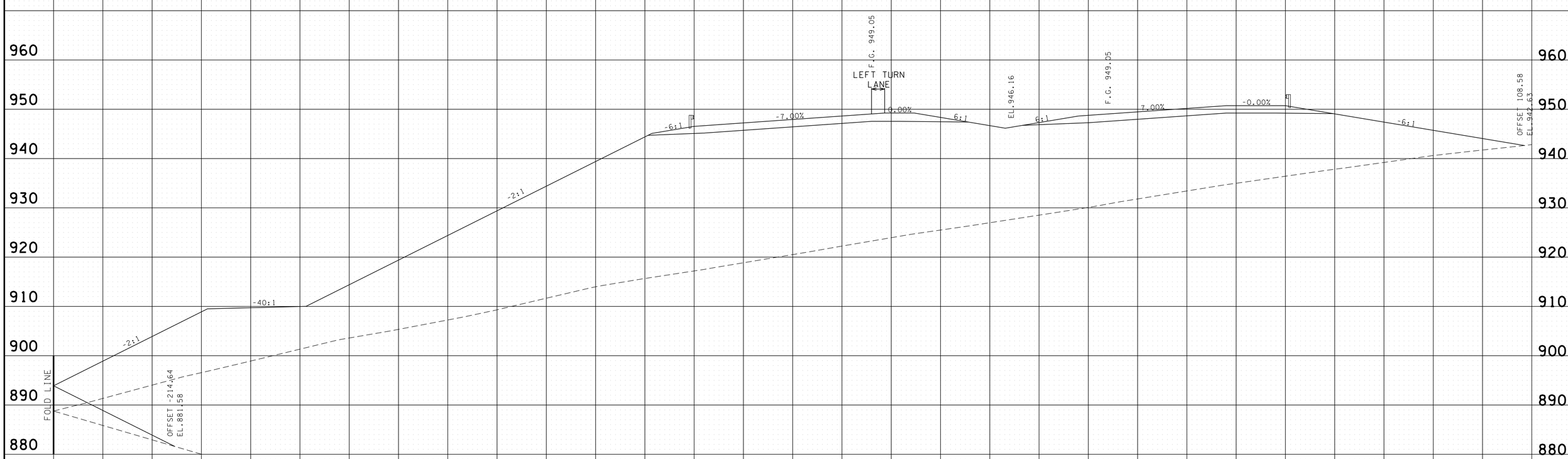
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	393

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 258+00 TO STA.A 258+00

4/30/2014 11:40:36 AM
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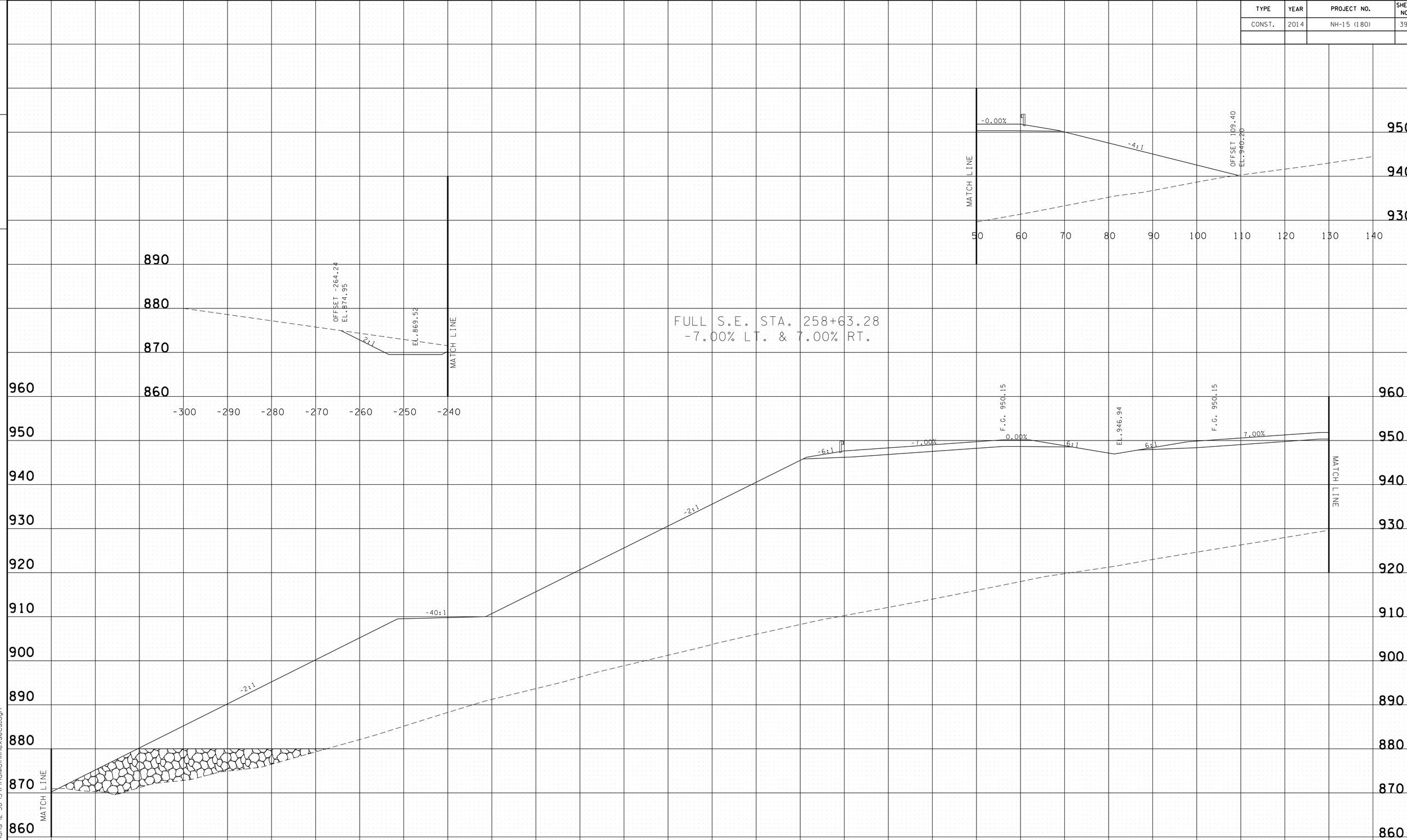
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	394

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 258+50 TO STA.A 258+50

4/30/2014 11:40:38 AM
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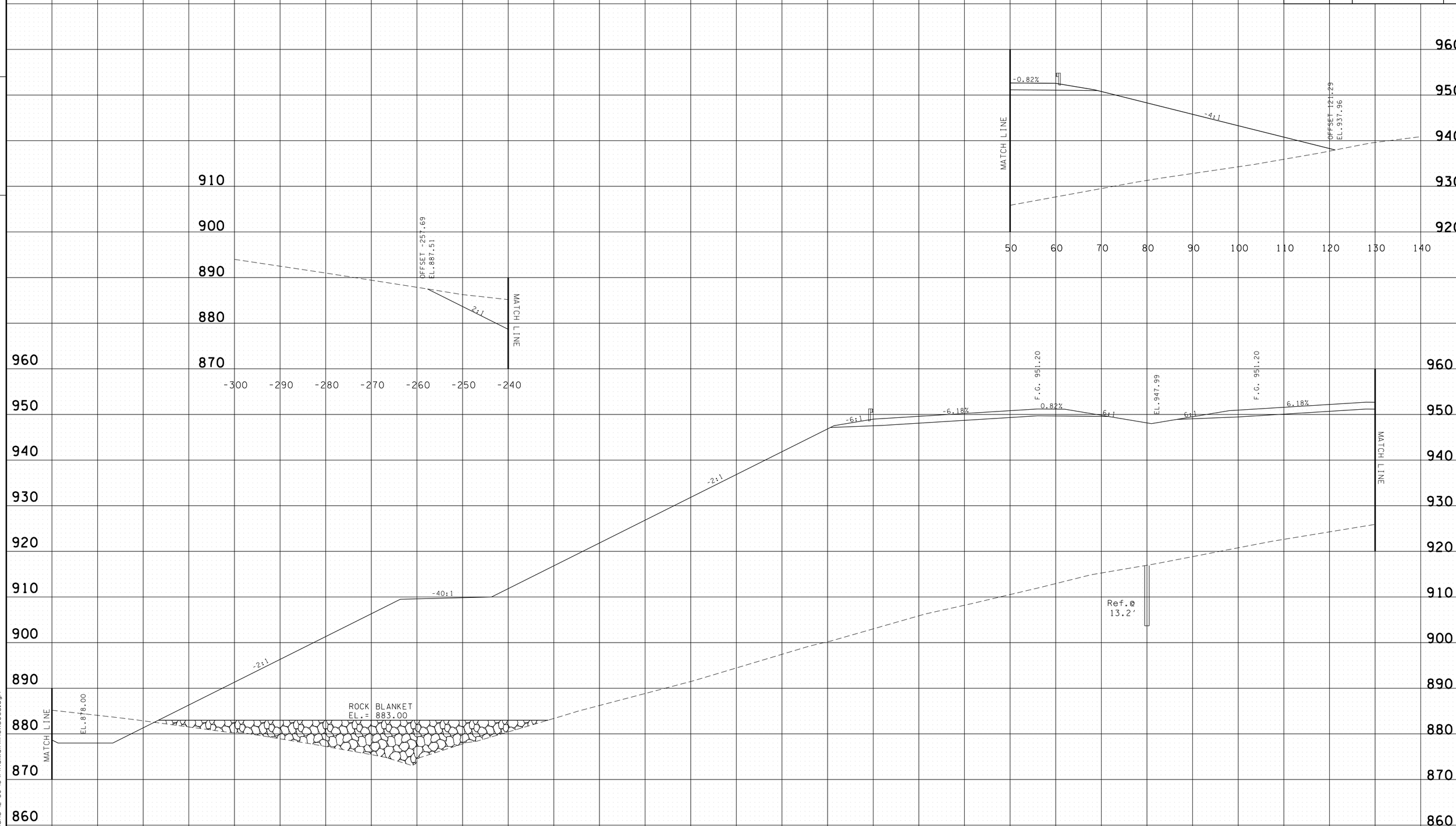
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	395

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 259+00 TO STA.A 259+00

4/30/2014 11:40:39 AM
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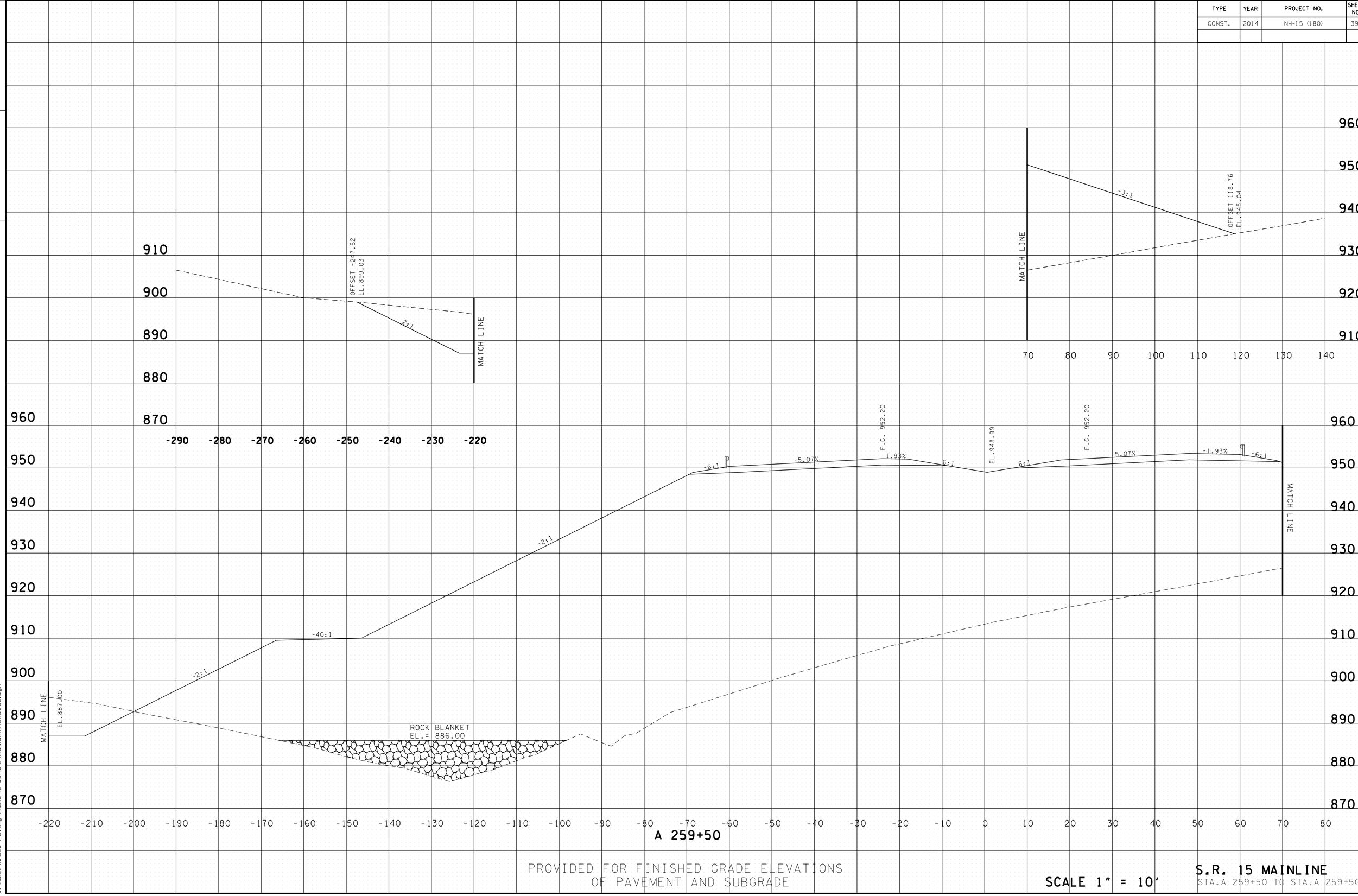
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	396

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 259+50 TO STA.A 259+50

4/30/2014 11:40:41 AM
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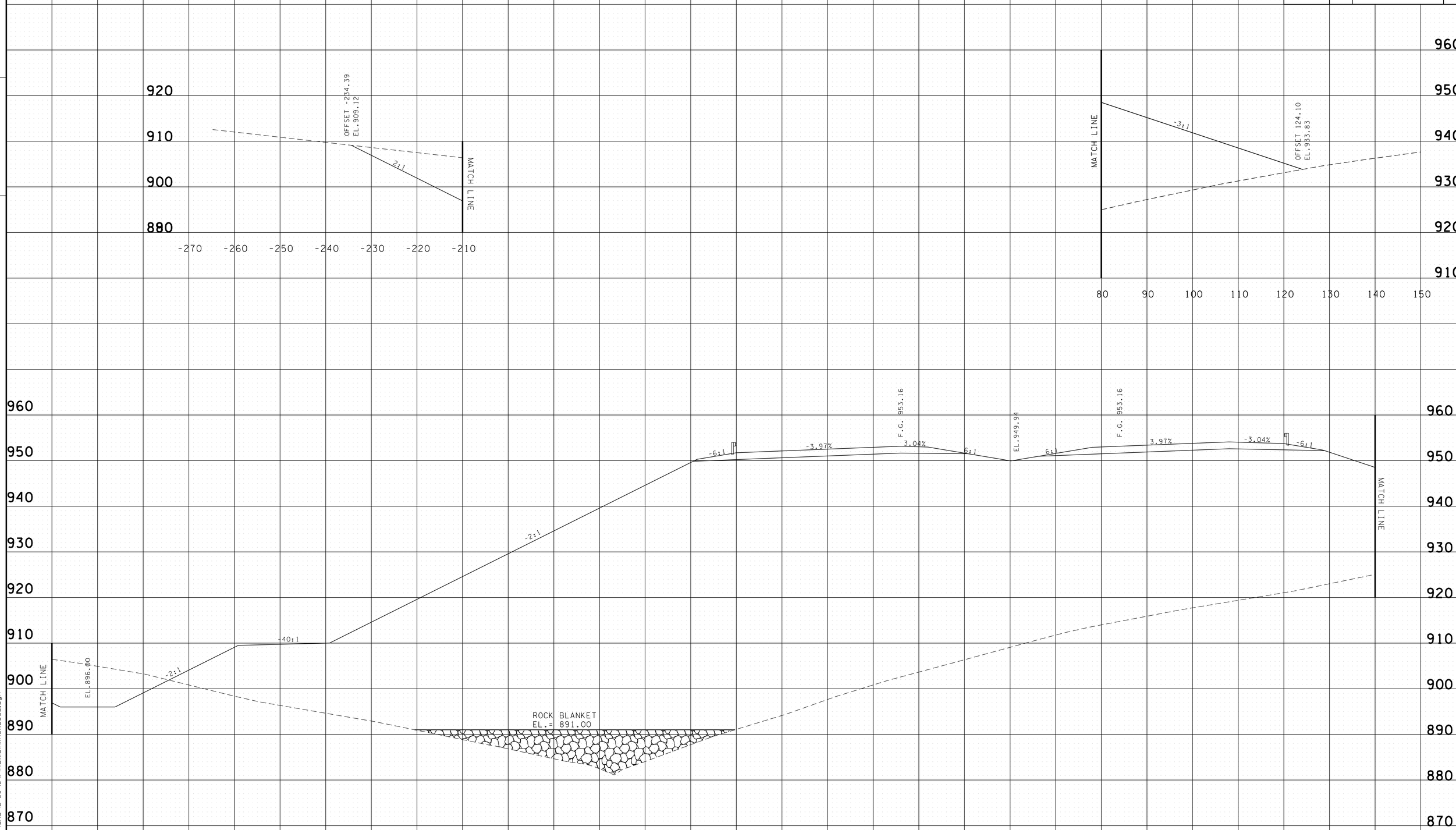
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	397

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 260+00 TO STA.A 260+00

4/30/2014 11:40:43 AM
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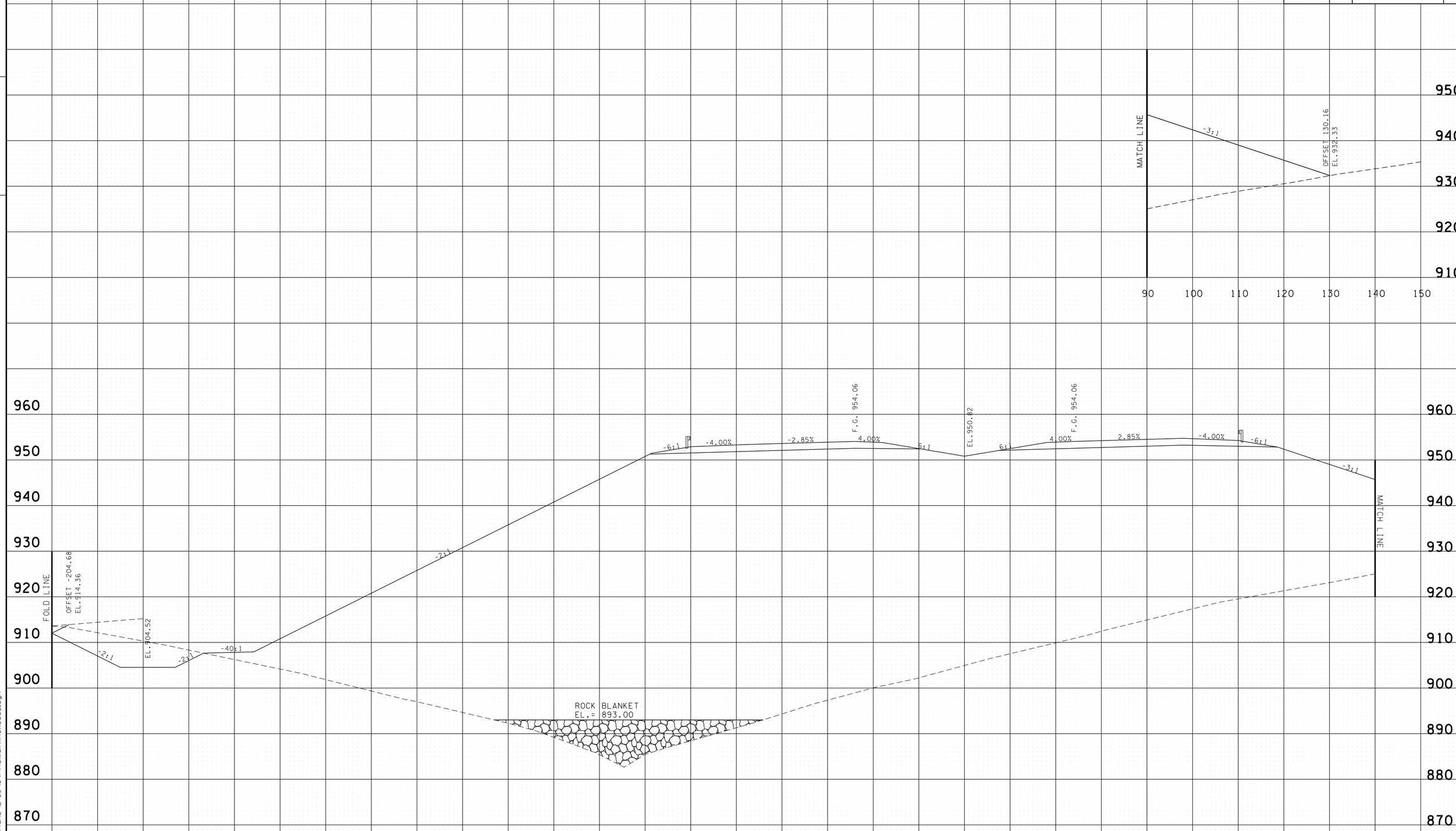
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	398

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 260+50 TO STA.A 260+50

4/30/2014 11:40:44 AM
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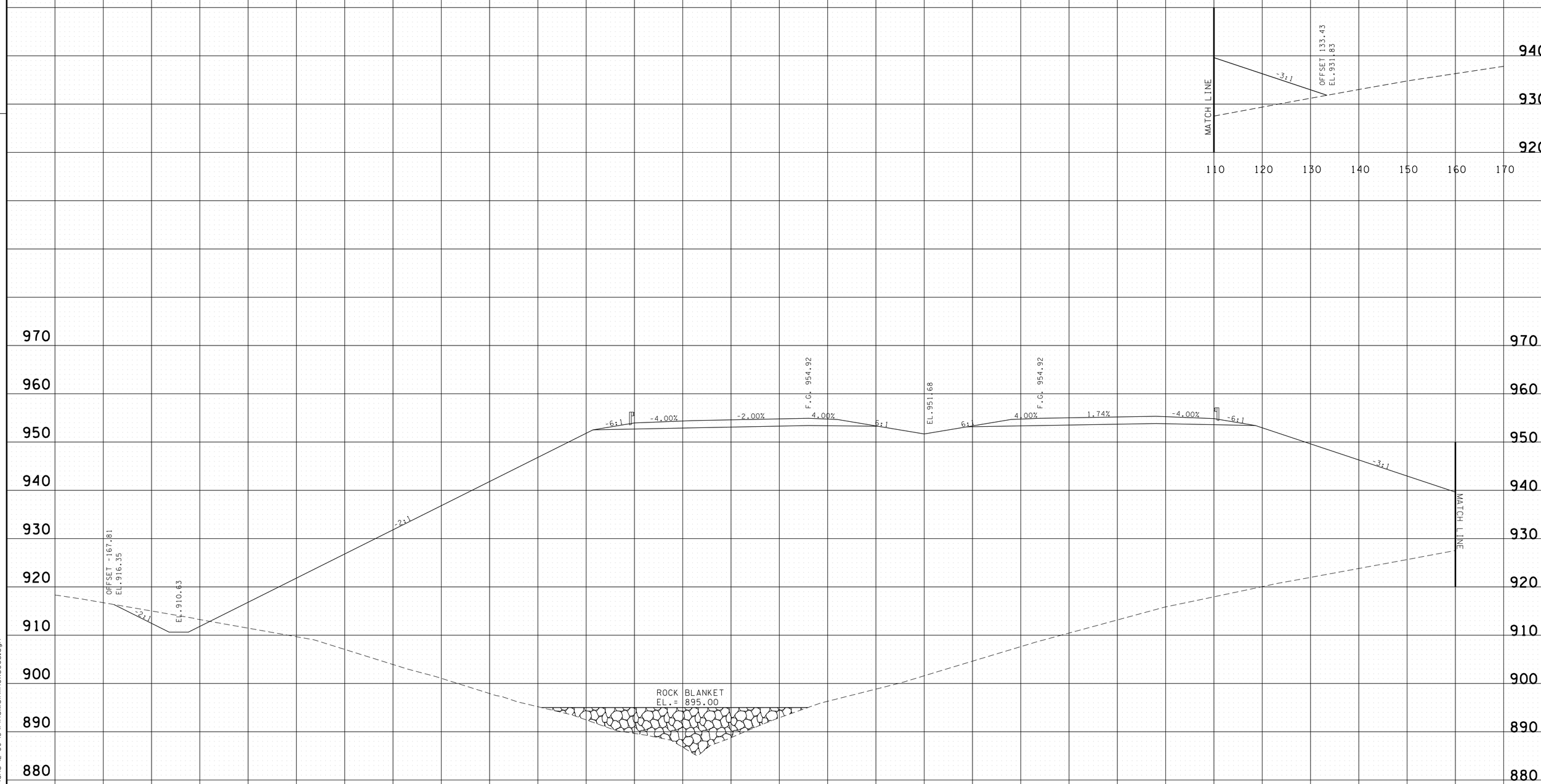
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	399

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 261+00 TO STA.A 261+00

4/30/2014 11:40:46 AM
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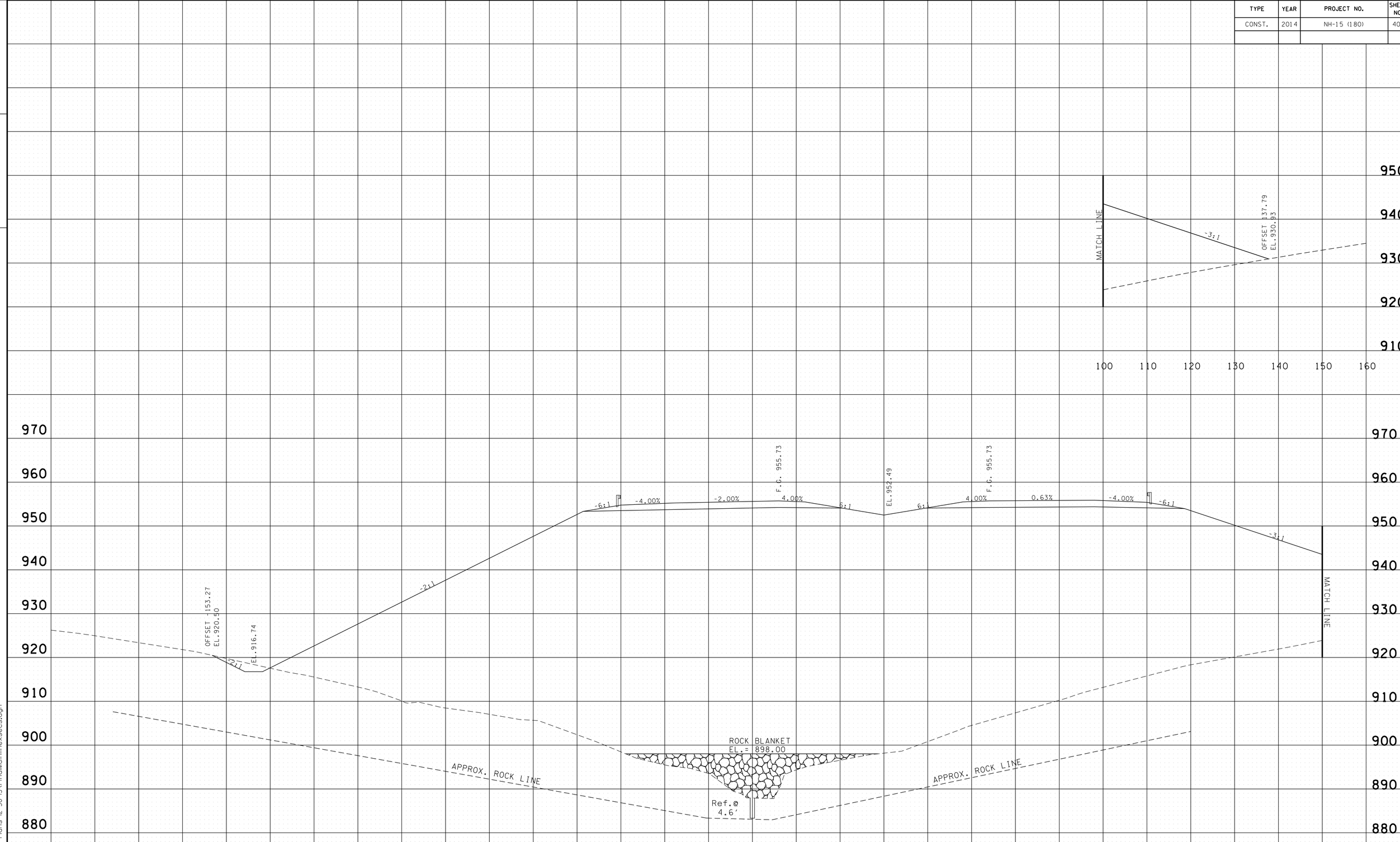
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	400

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 261+50 TO STA.A 261+50

4/30/2014 11:40:48 AM
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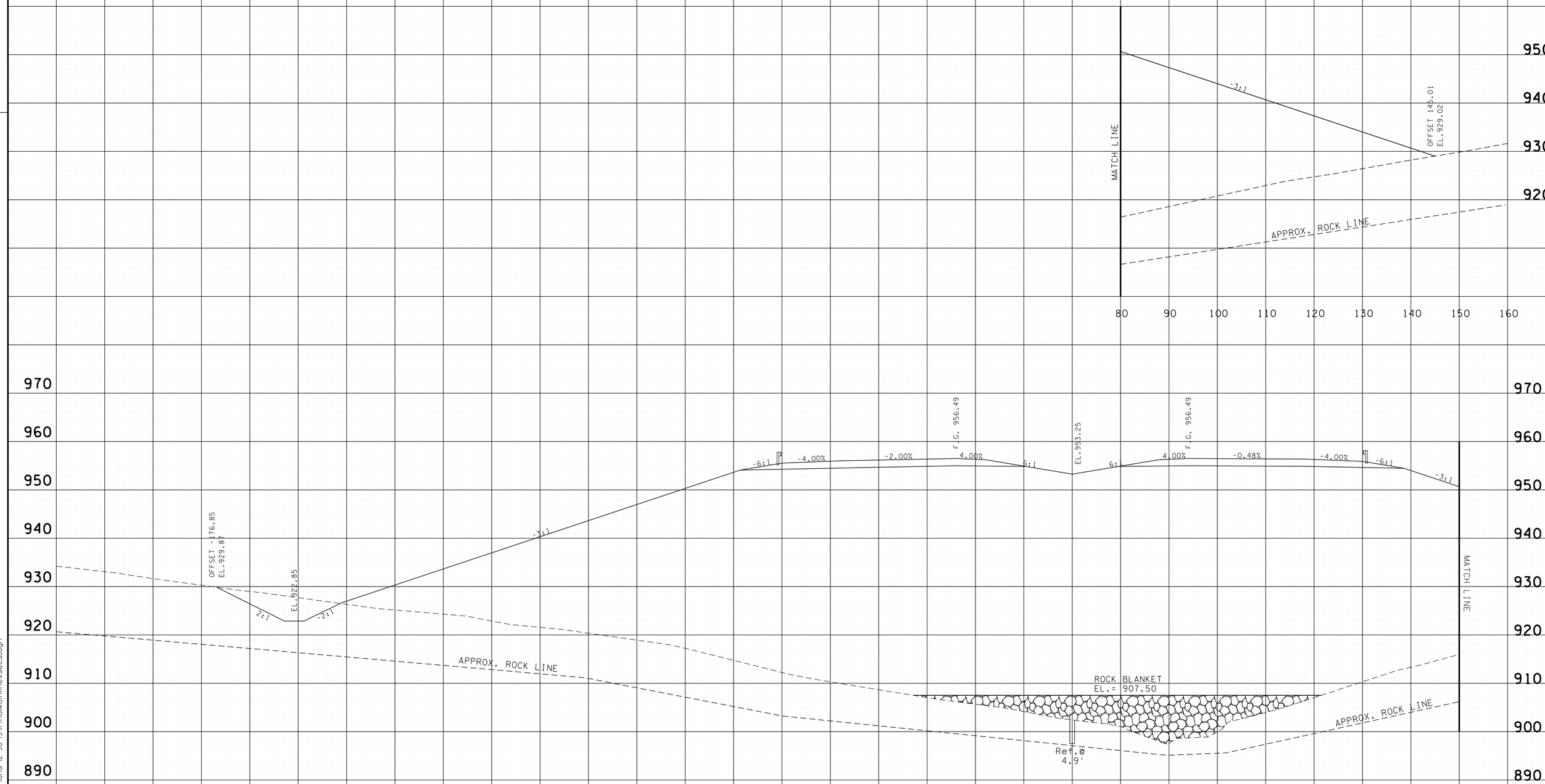
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	401

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 262+00 TO STA.A 262+00

4/30/2014 11:40:49 AM
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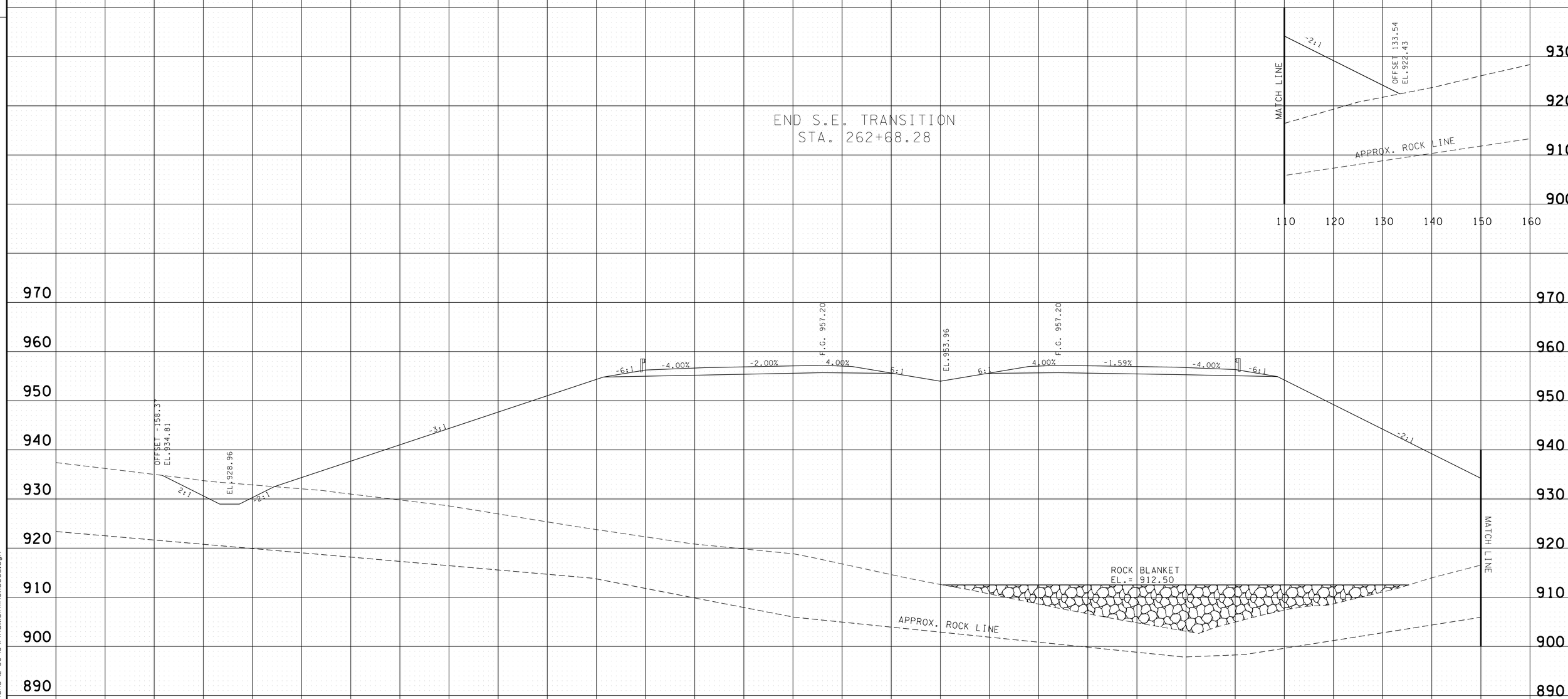
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	402

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 262+50 TO STA.A 262+50

4/30/2014 11:40:51 AM
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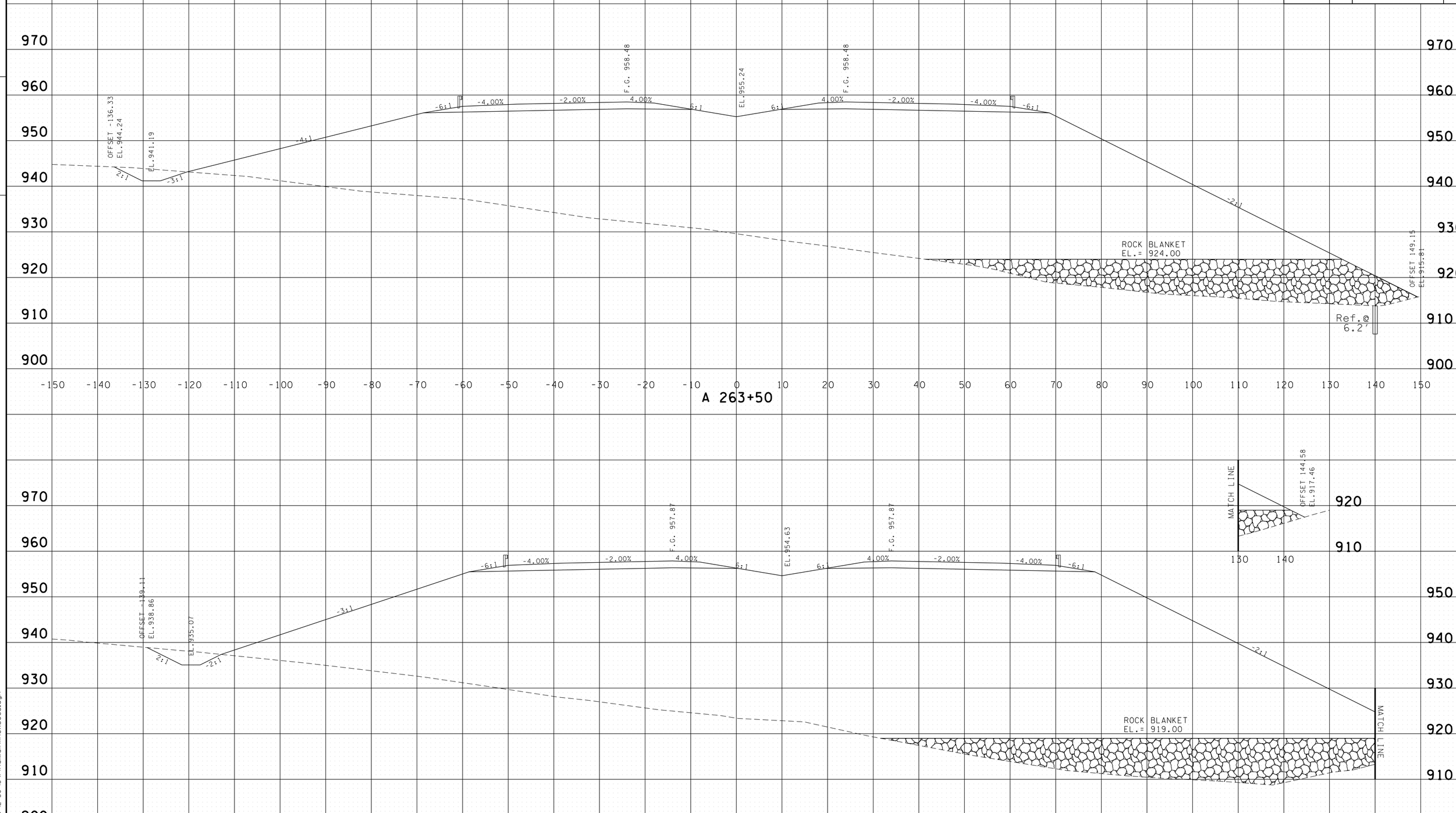
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	403

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 263+00 TO STA.A 263+50

4/30/2014 11:40:53 AM
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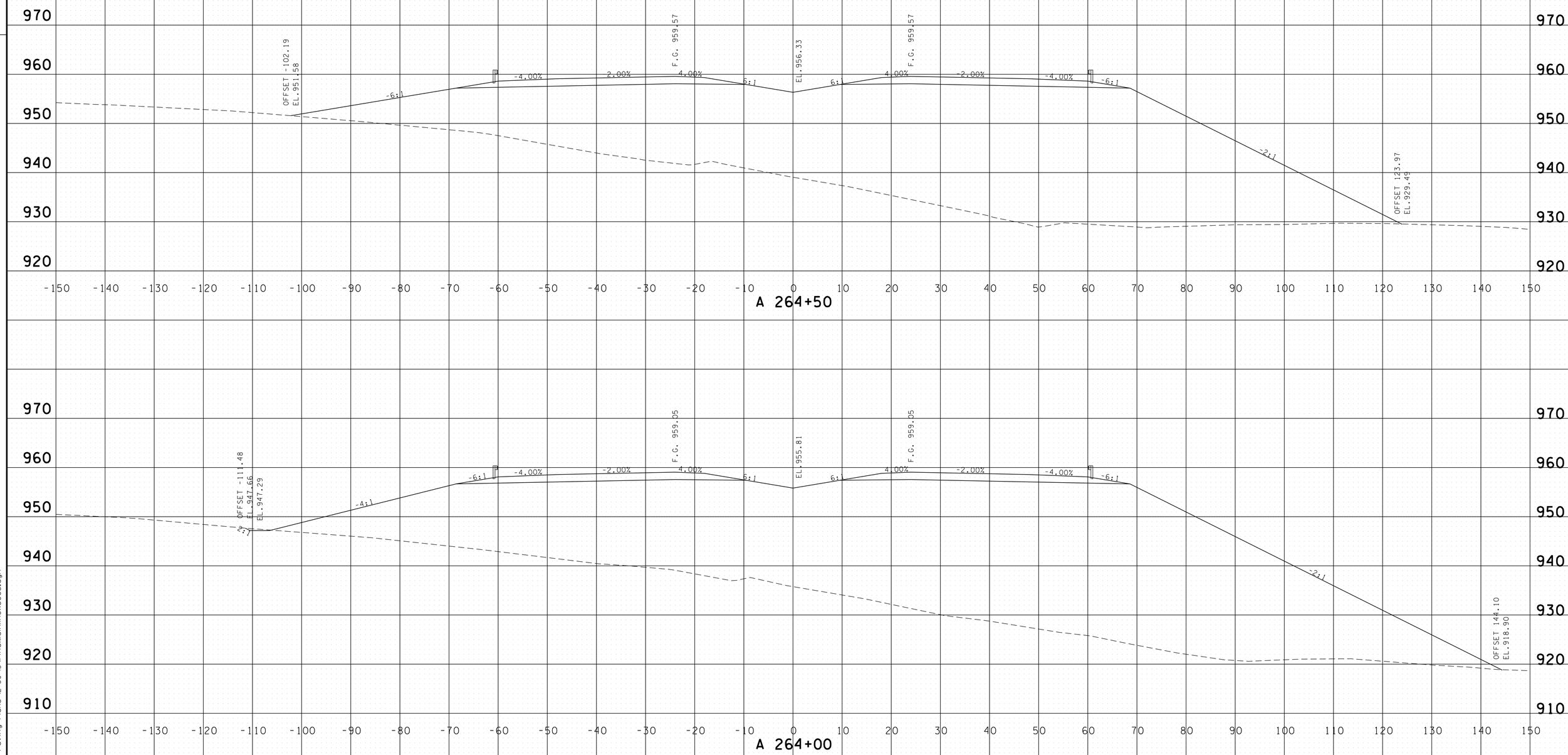
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	404

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 264+00 TO STA.A 264+50

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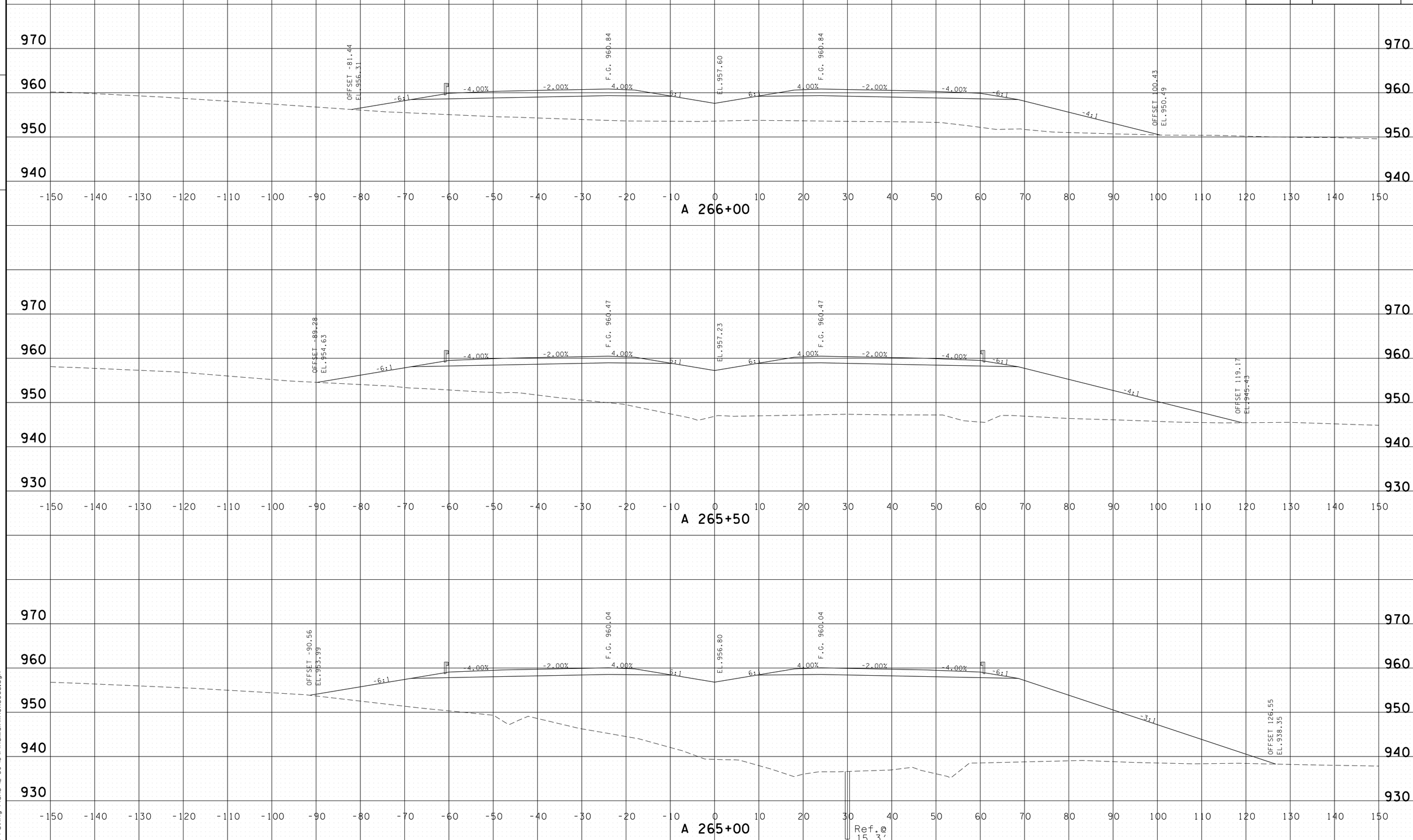
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	405

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 265+00 TO STA.A 266+00

4/30/2014 11:40:56 AM
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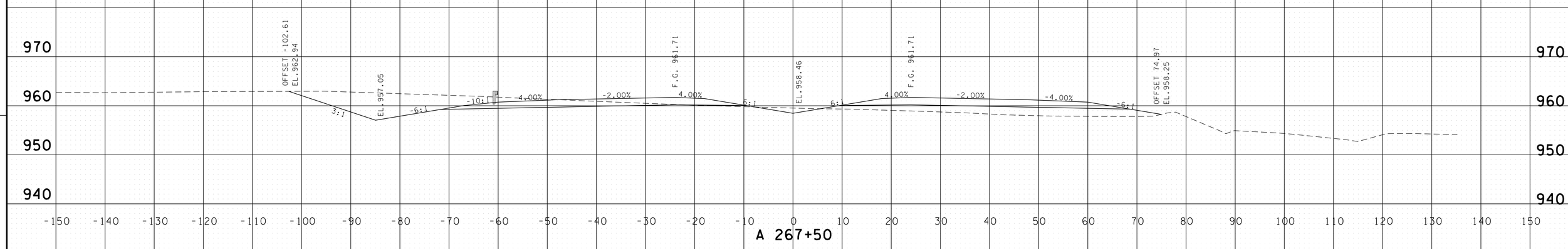
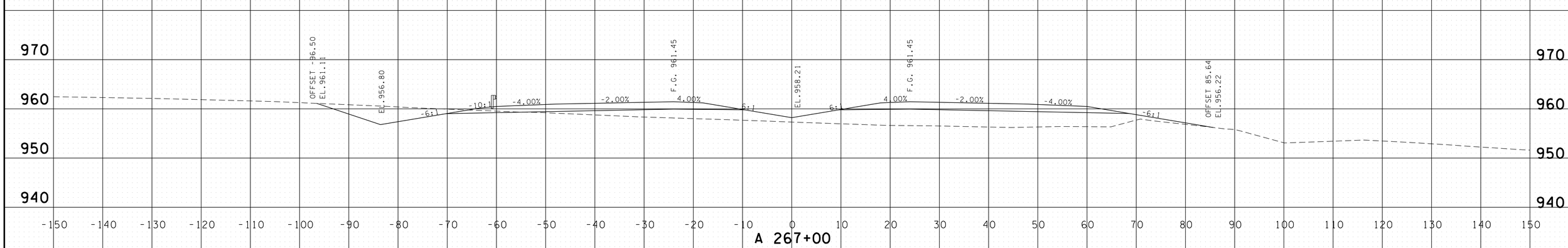
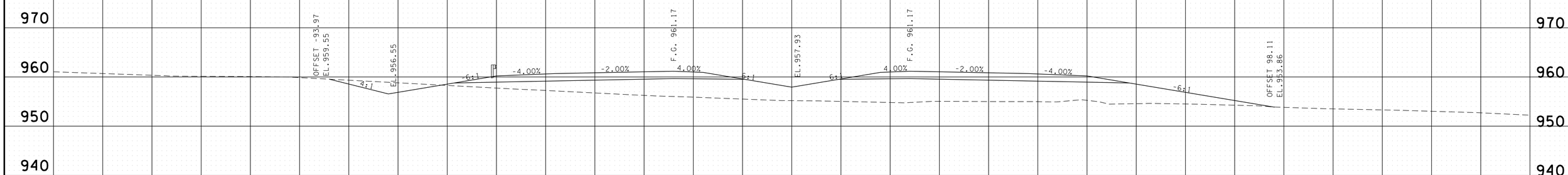
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	406

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 266+50 TO STA.A 267+50

4/30/2014 11:40:58 AM
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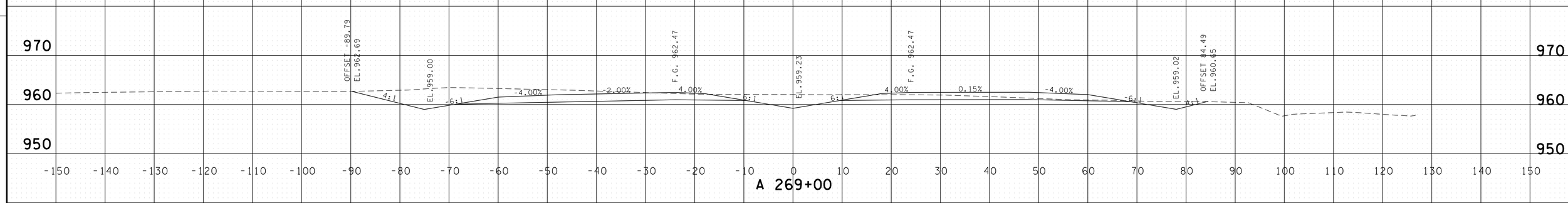
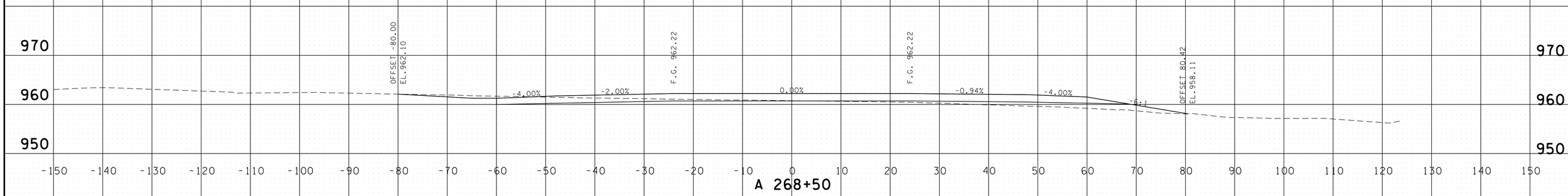
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	407

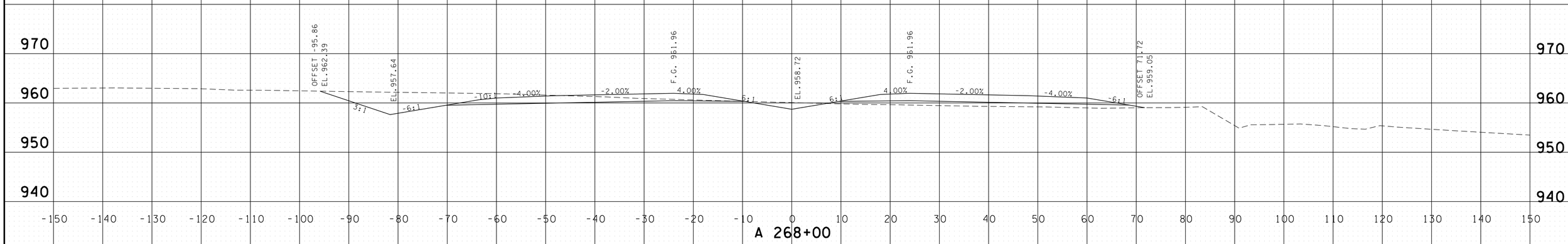
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





BEGIN S.E. TRANSITION
STA. 268+01.43



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 268+00 TO STA.A 269+00

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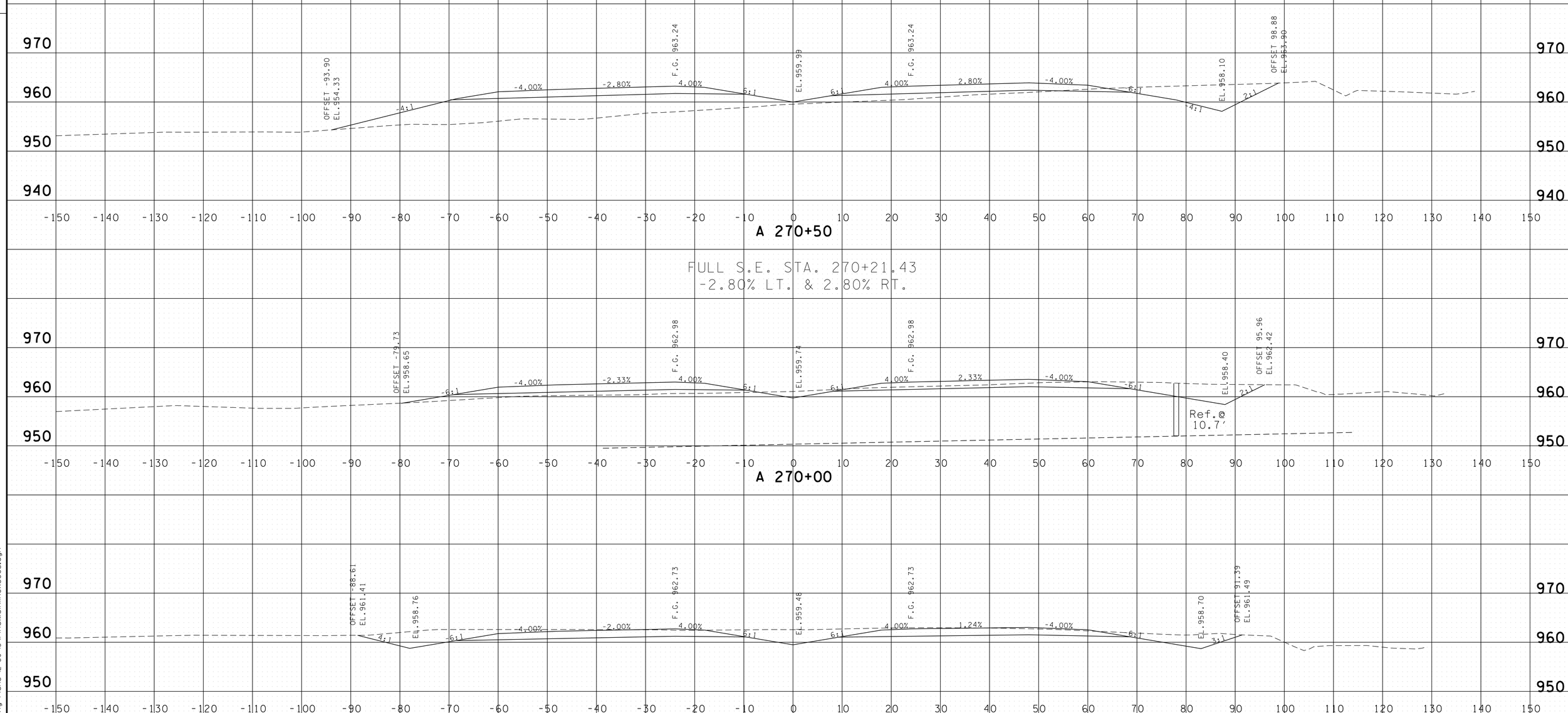
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	408

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 269+50 TO STA.A 270+50

4/30/2014 11:41:01 AM
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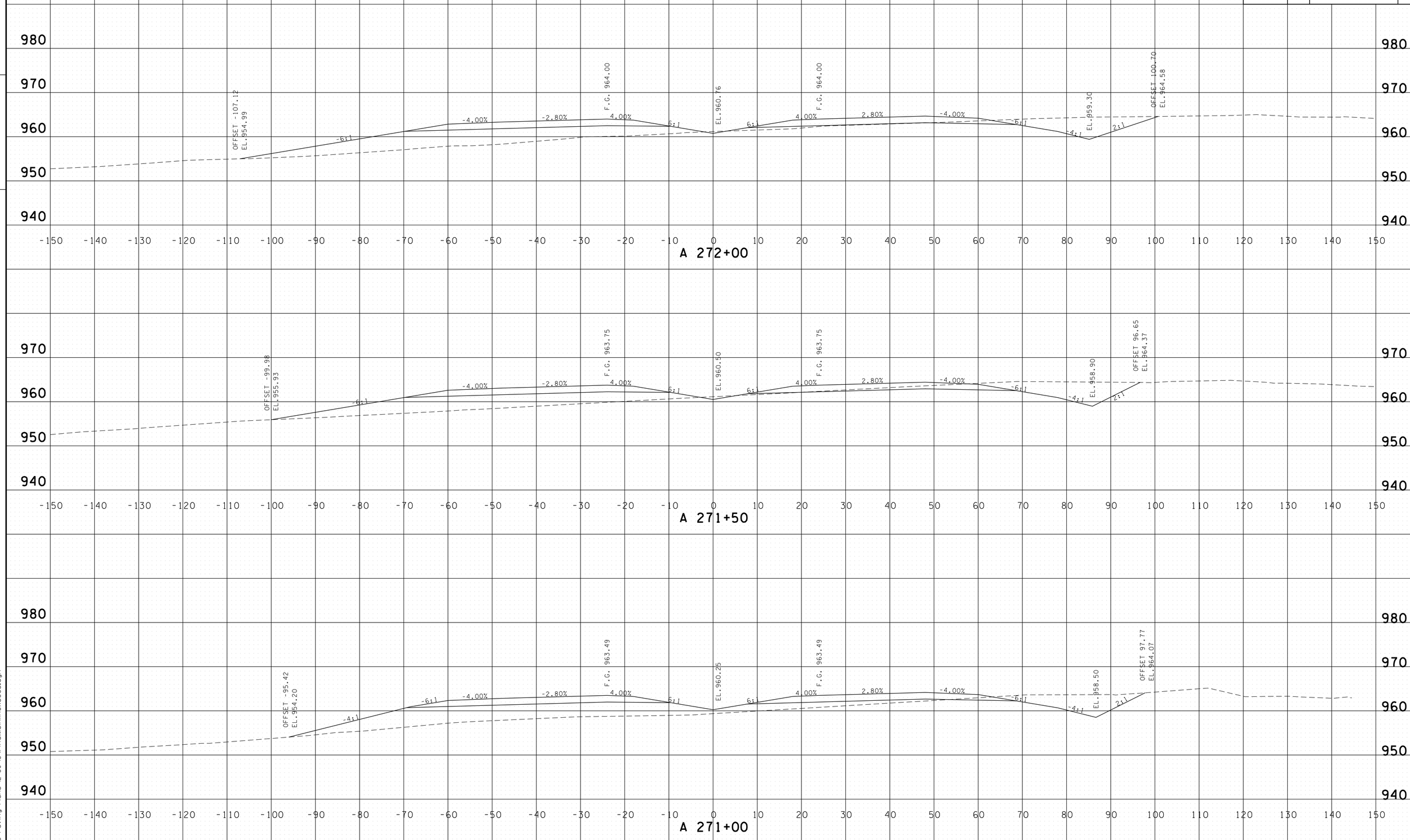
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	409

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

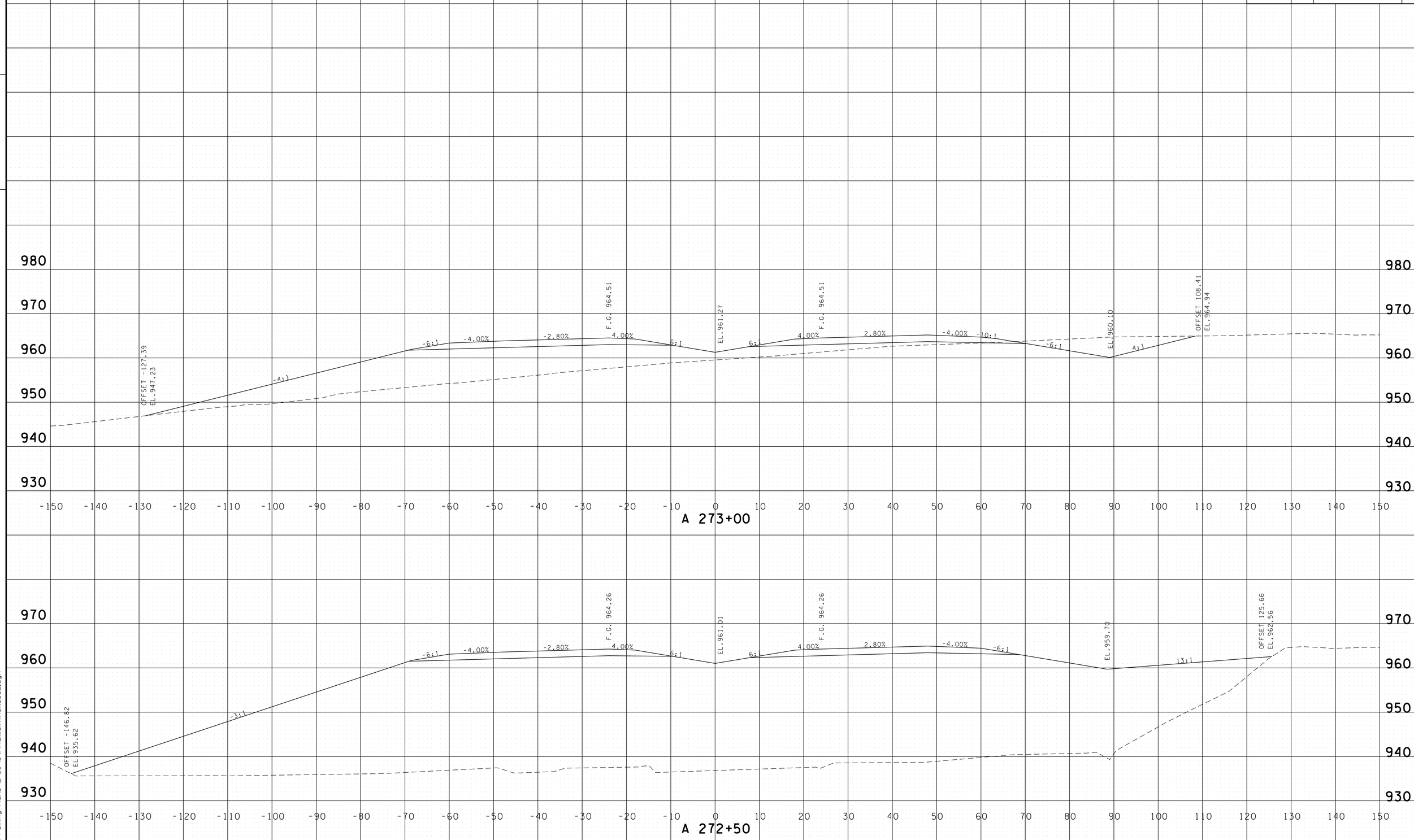
S.R. 15 MAINLINE
STA.A 271+00 TO STA.A 272+00

4/30/2014 11:41:03 AM
G:\HD\DIV\DIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	410

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 272+50 TO STA.A 273+00

4/30/2014 11:41:05 AM
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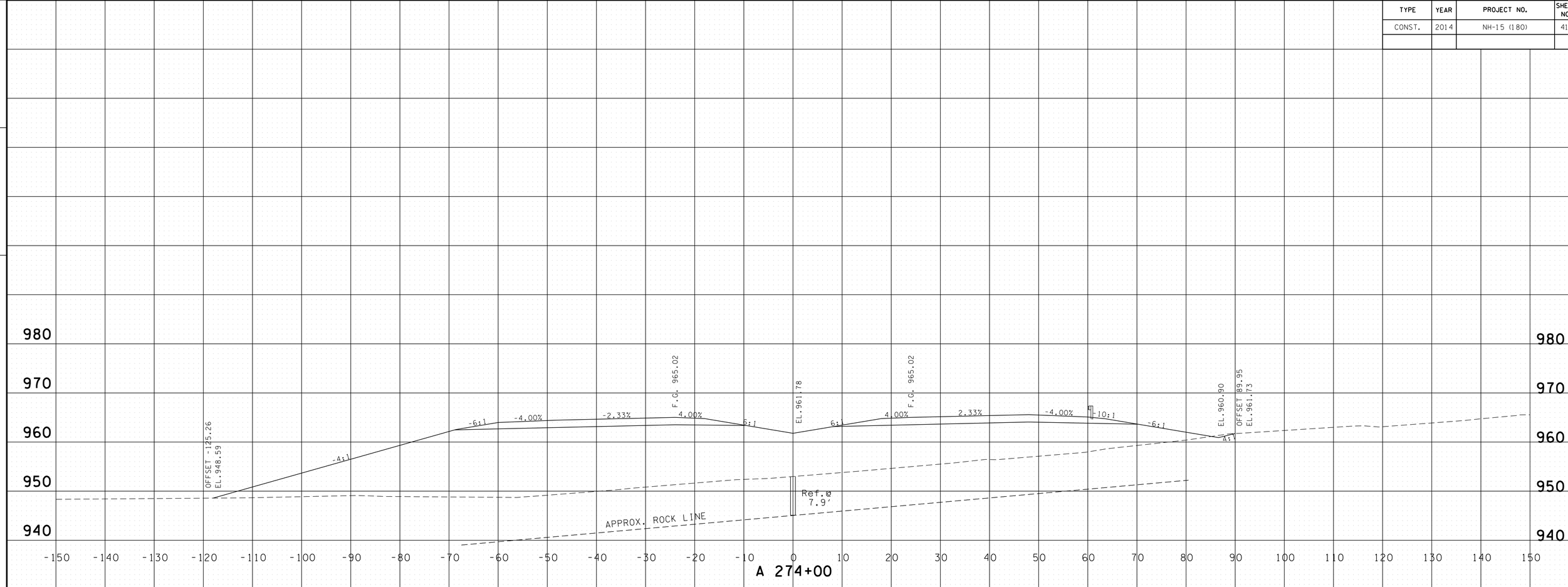
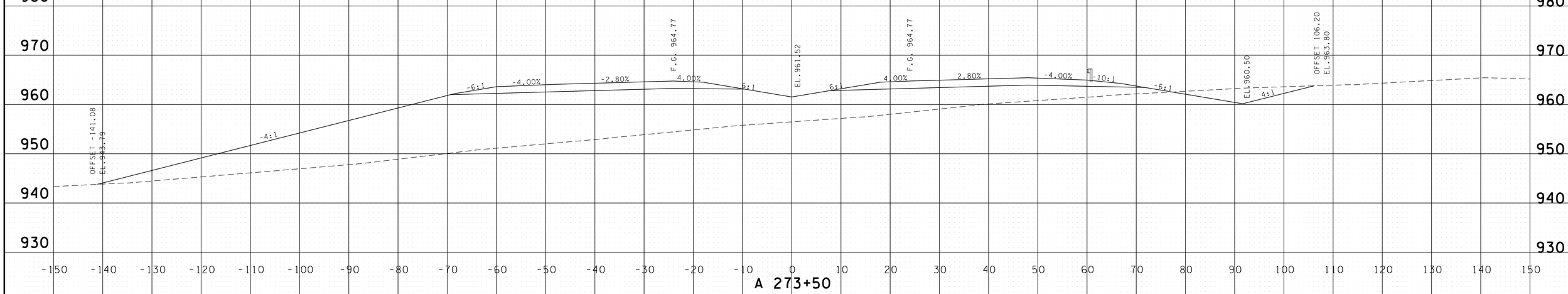
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	411

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 273+78.30
-2.80% LT. & 2.80% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 273+50 TO STA.A 274+00

4/30/2014 11:41:06 AM
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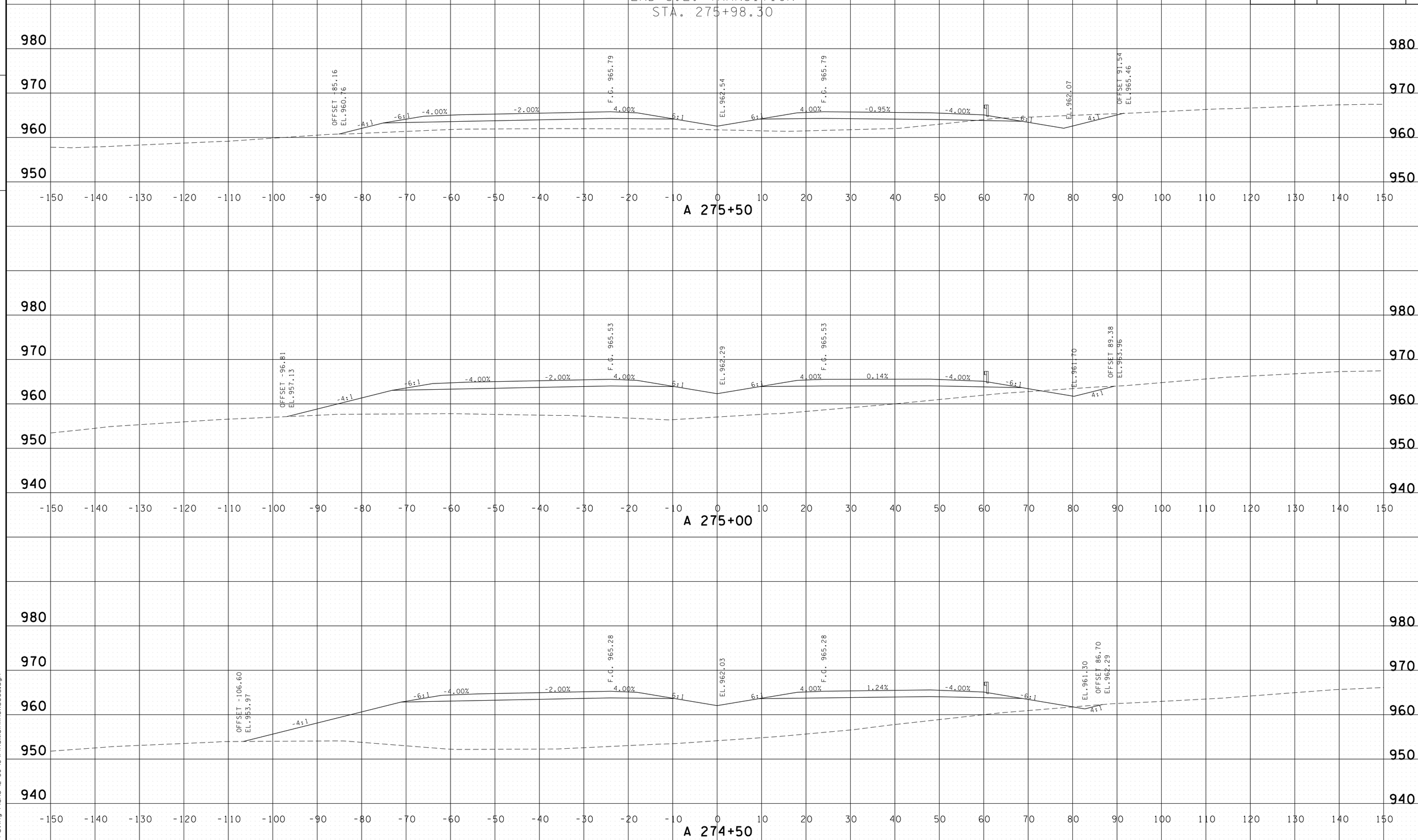
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	412

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

END S.E. TRANSITION
STA. 275+98.30



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 274+50 TO STA.A 275+50

4/30/2014 11:41:08 AM
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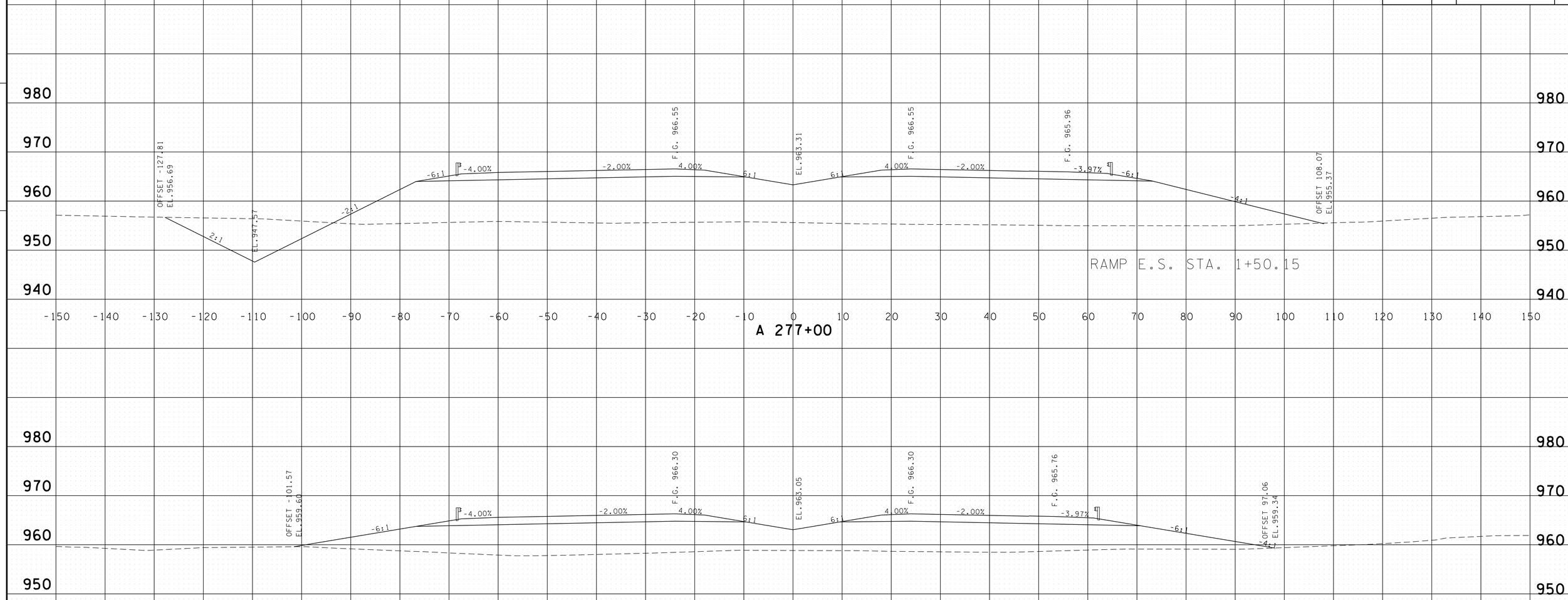
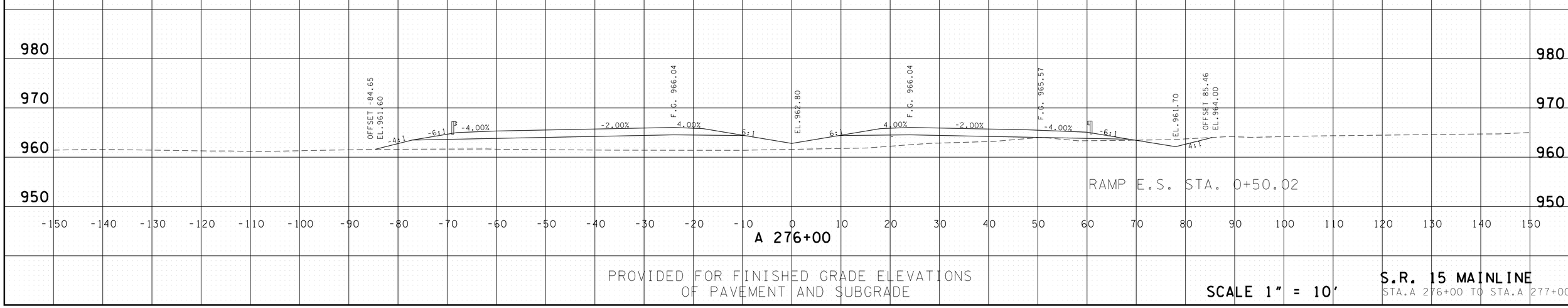
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	413

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

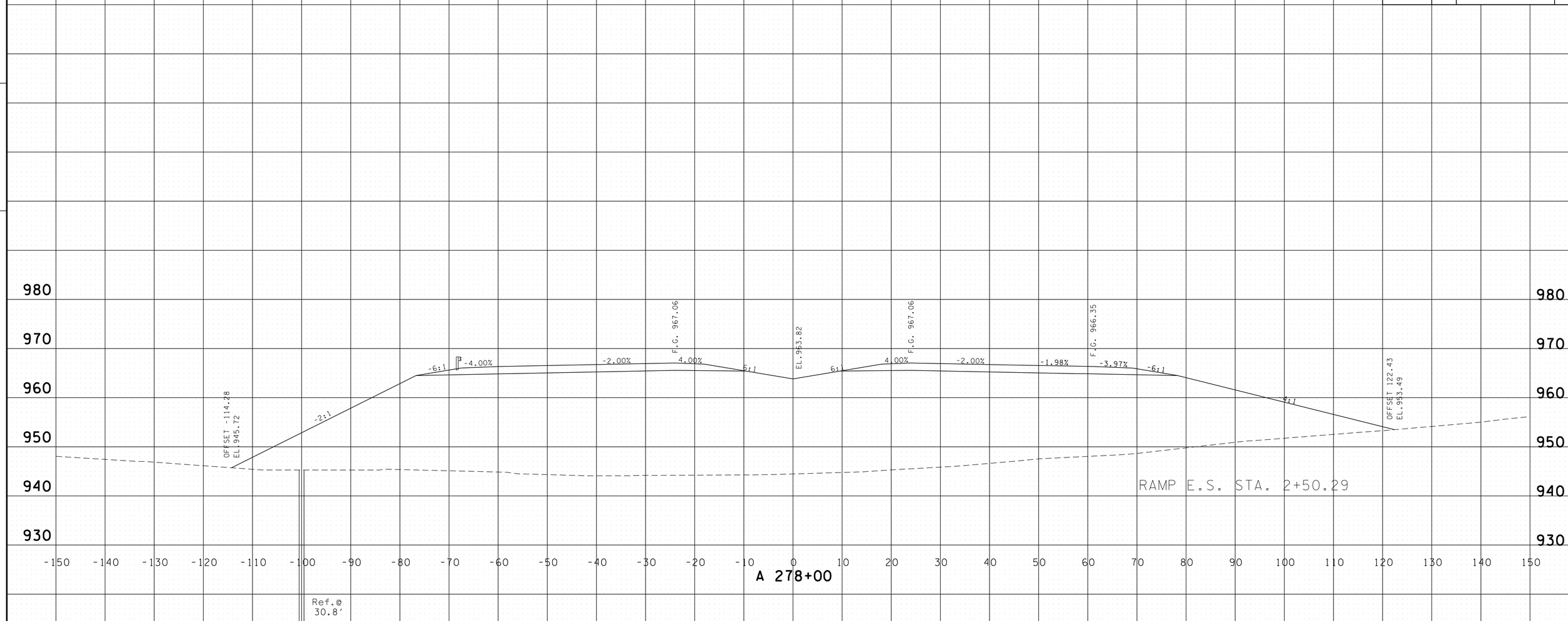
S.R. 15 MAINLINE
STA.A 276+00 TO STA.A 277+00

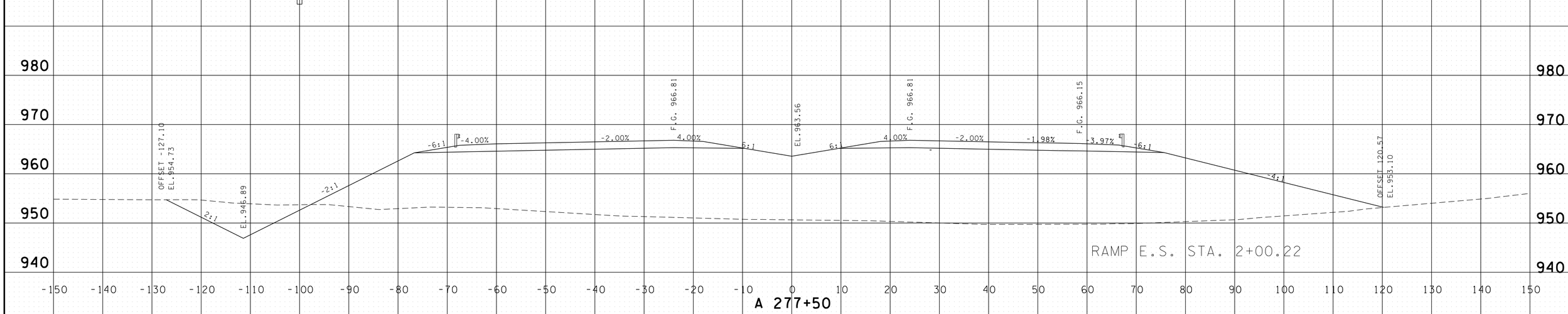
4/30/2014 11:41:10 AM
G:\HDIQIIV\OIL03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	414

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 277+50 TO STA.A 278+00

4/30/2014 11:41:12 AM
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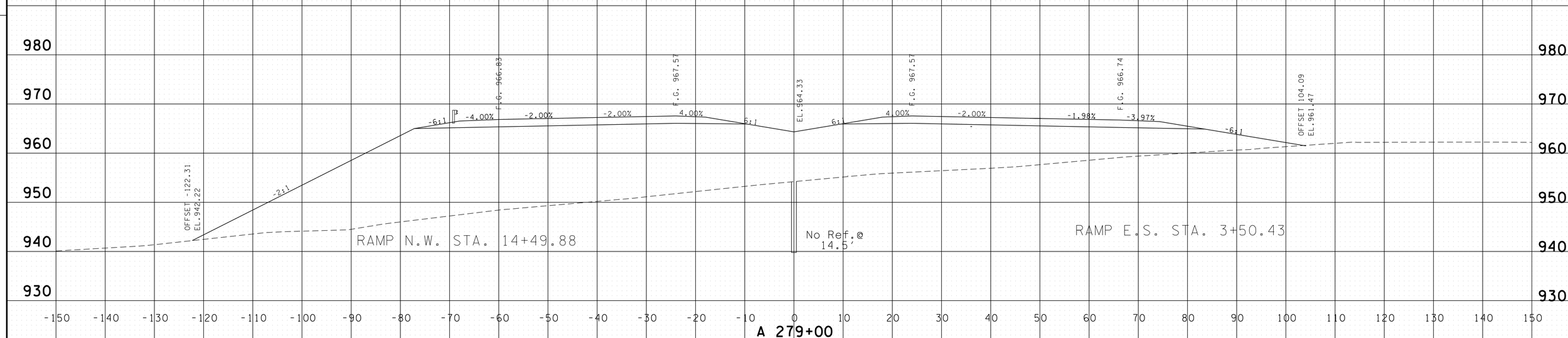
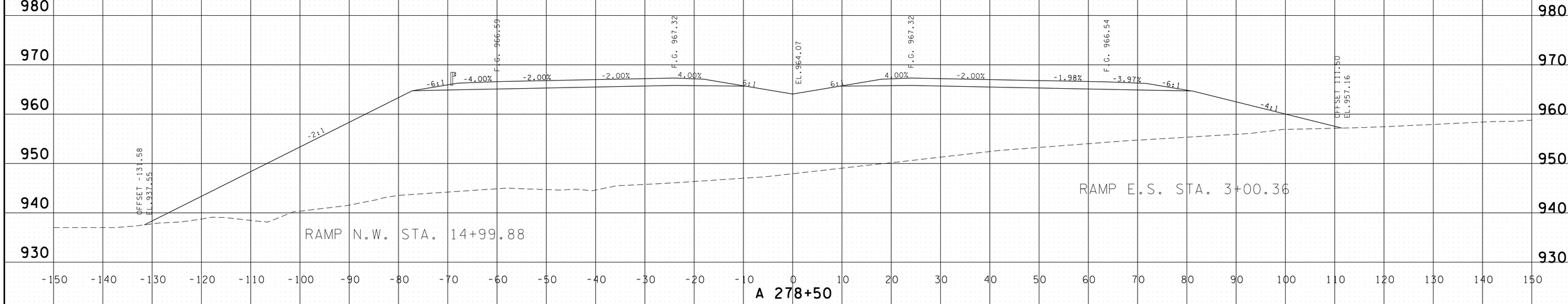
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	415

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 278+50 TO STA.A 279+00

4/30/2014 11:41:13 AM
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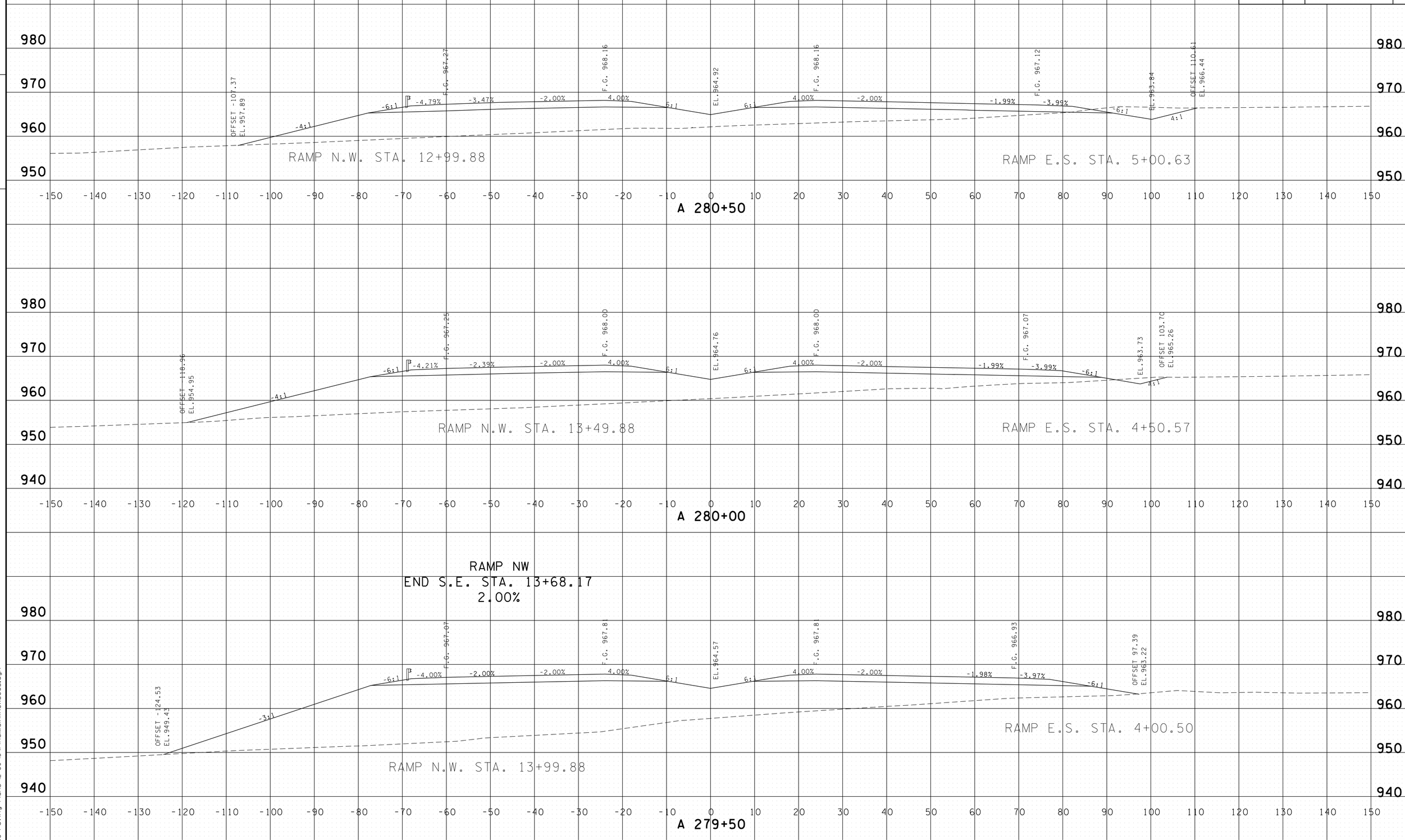
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	416

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 279+50 TO STA.A 280+50

4/30/2014 11:41:15 AM
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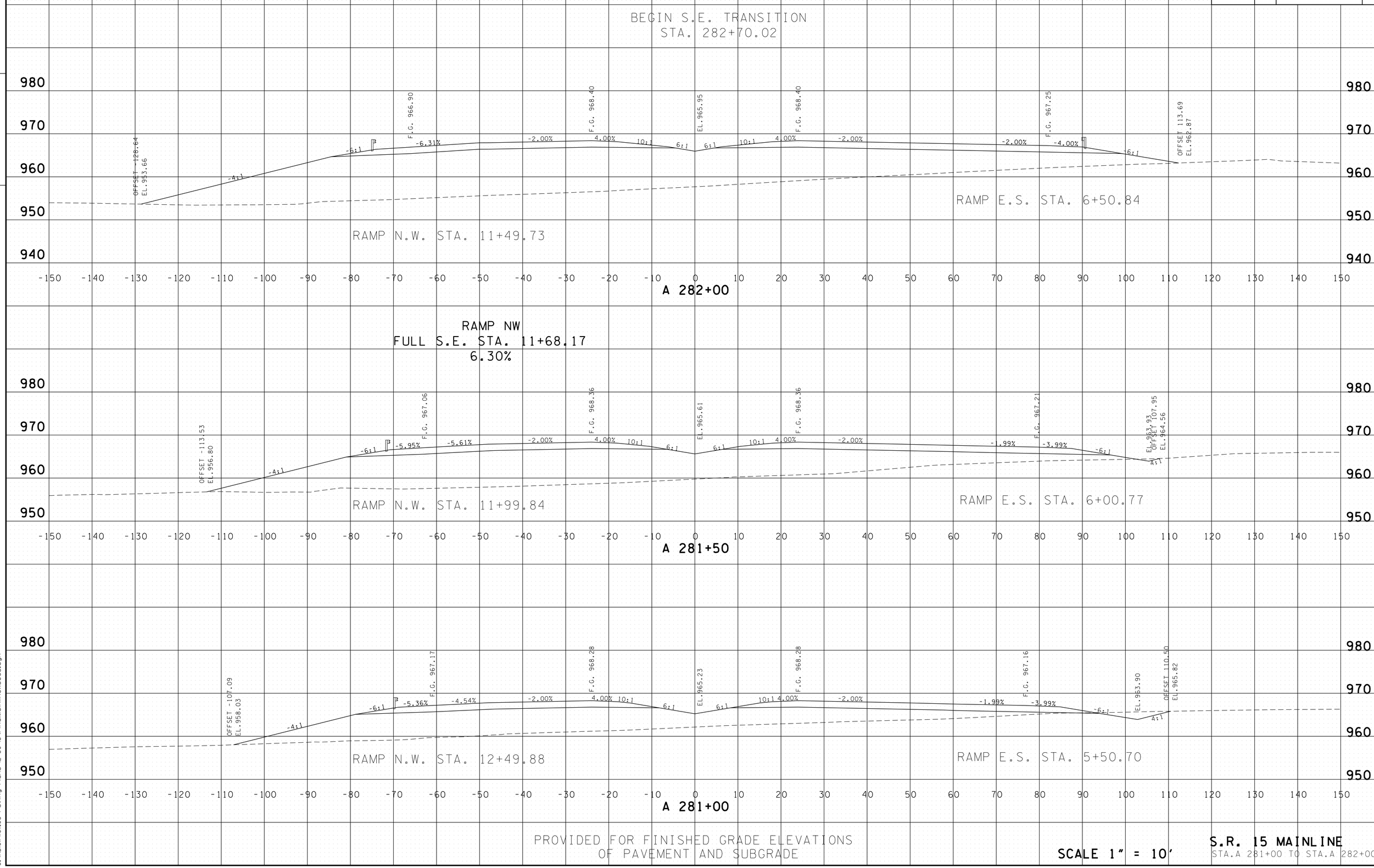
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	417

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 281+00 TO STA.A 282+00

4/30/2014 11:41:17 AM
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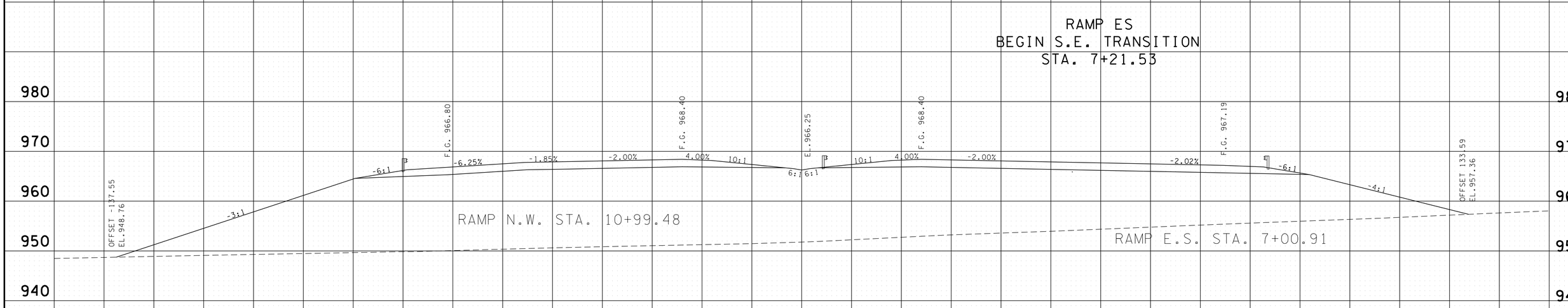
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	418

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 282+50 TO STA.A 288+50

4/30/2014 11:41:18 AM
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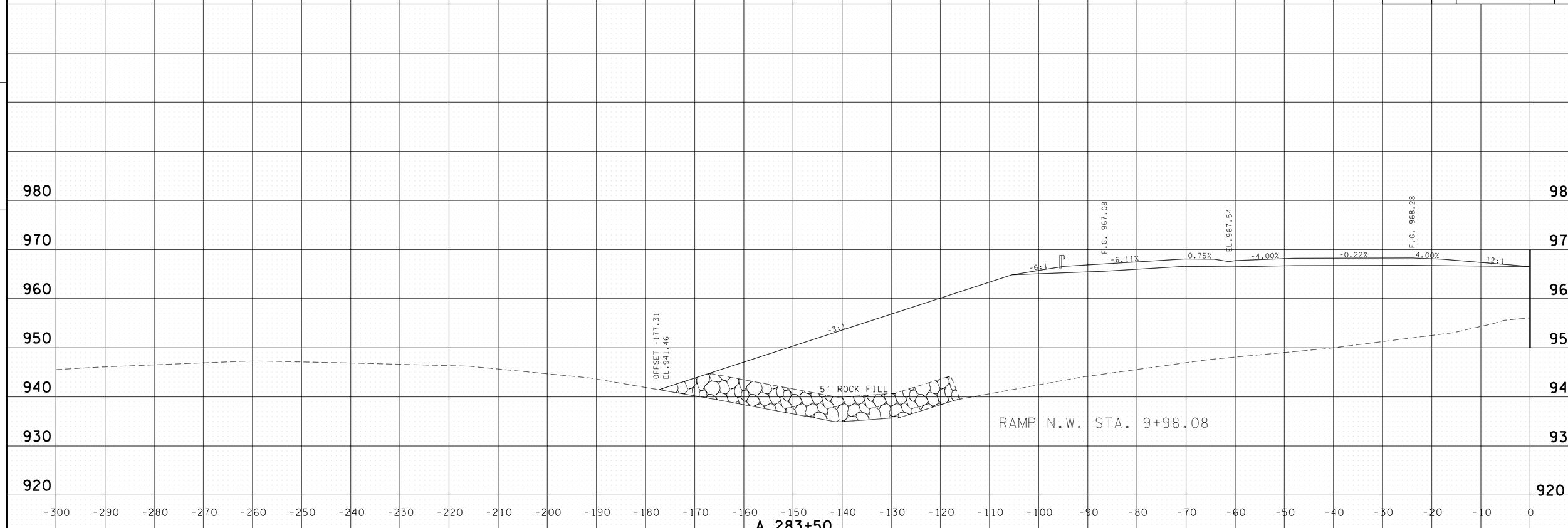
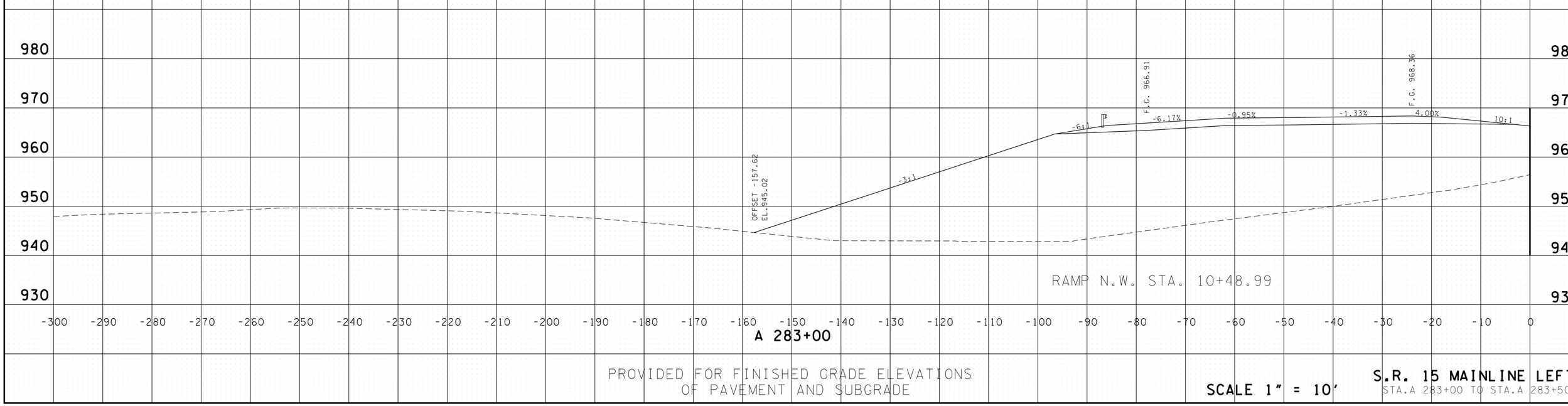
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	419

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 283+00 TO STA.A 283+50

4/30/2014 11:41:20 AM
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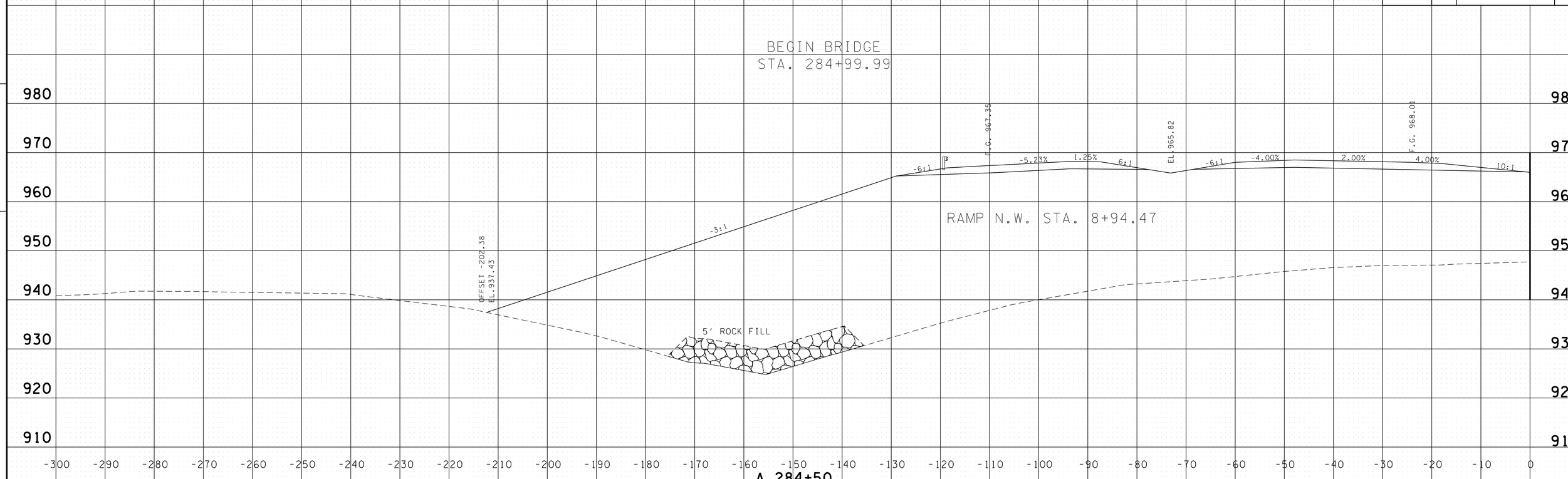
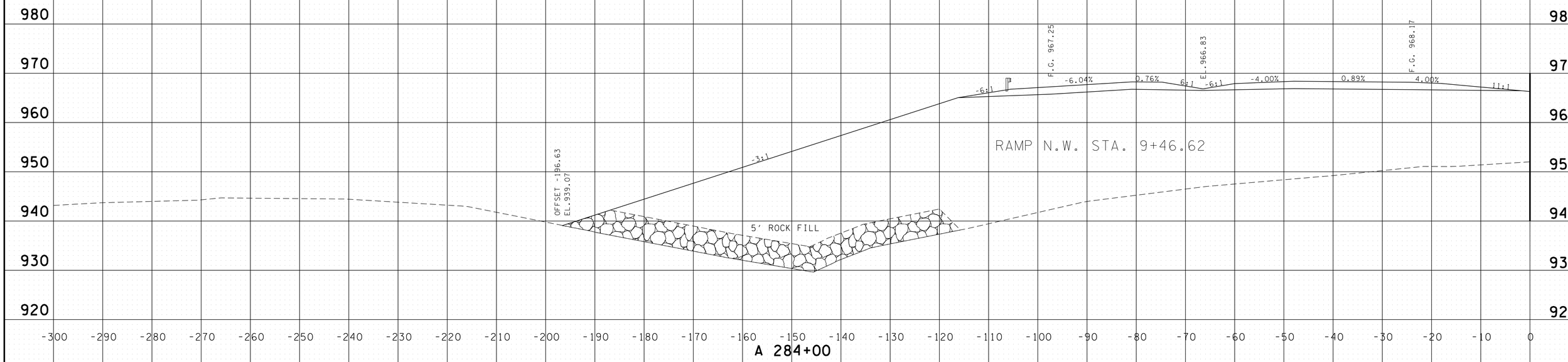
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	420

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



RAMP NW
FULL S.E. STA. 9+46.83
6.30%



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 284+00 TO STA.A 284+50

4/30/2014 11:41:22 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	421

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 285+00 TO STA.A 285+00

4/30/2014 11:41:24 AM
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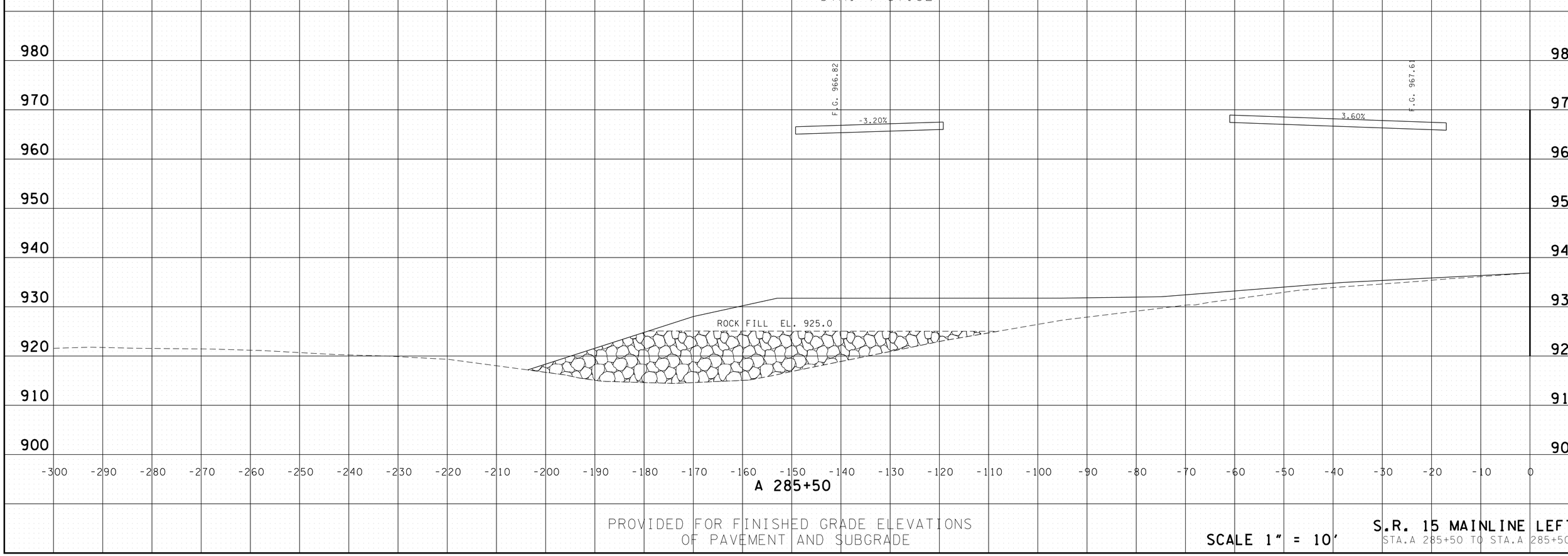
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	422



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 285+50 TO STA.A 285+50

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

4/30/2014 11:41:25 AM
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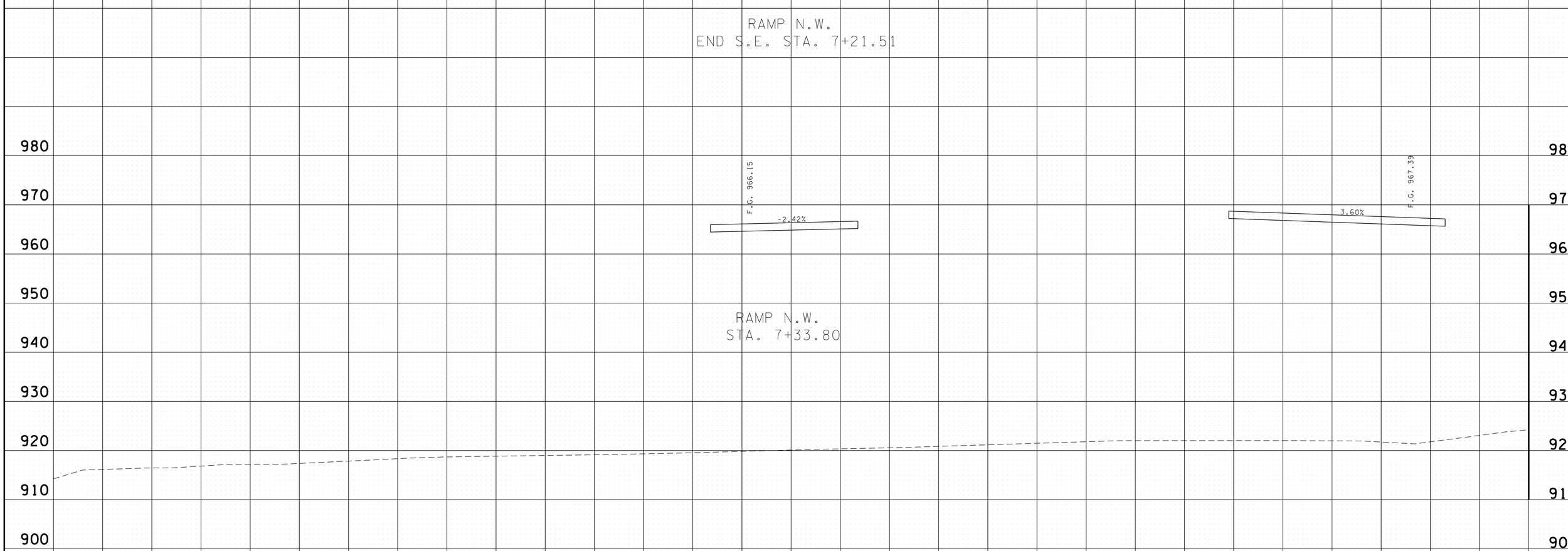
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	423

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 286+00 TO STA.A 286+00

4/30/2014 11:41:27 AM
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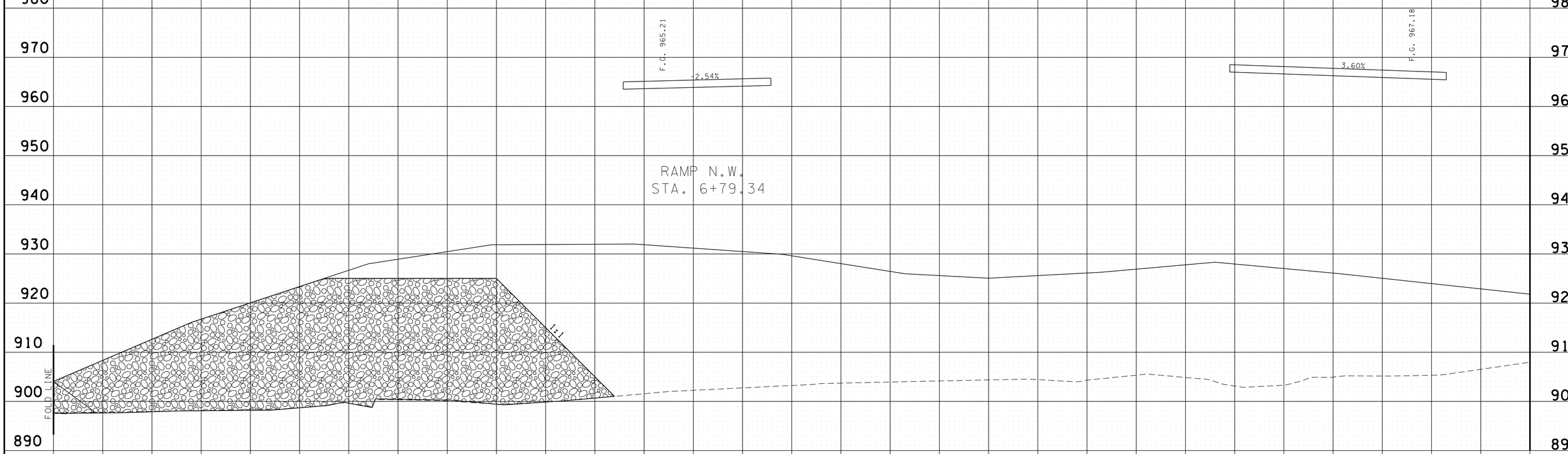
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	424

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 286+50 TO STA.A 286+50

4/30/2014 11:41:29 AM
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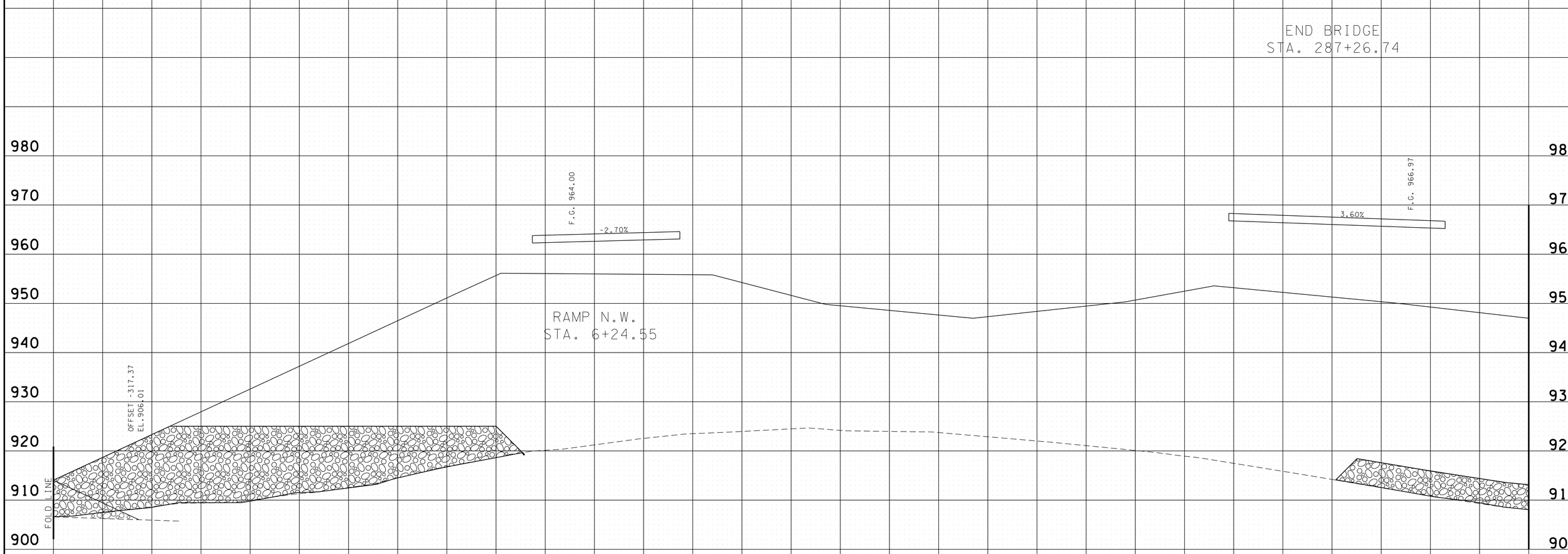
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	425

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 287+00 TO STA.A 287+00

4/30/2014 11:41:30 AM
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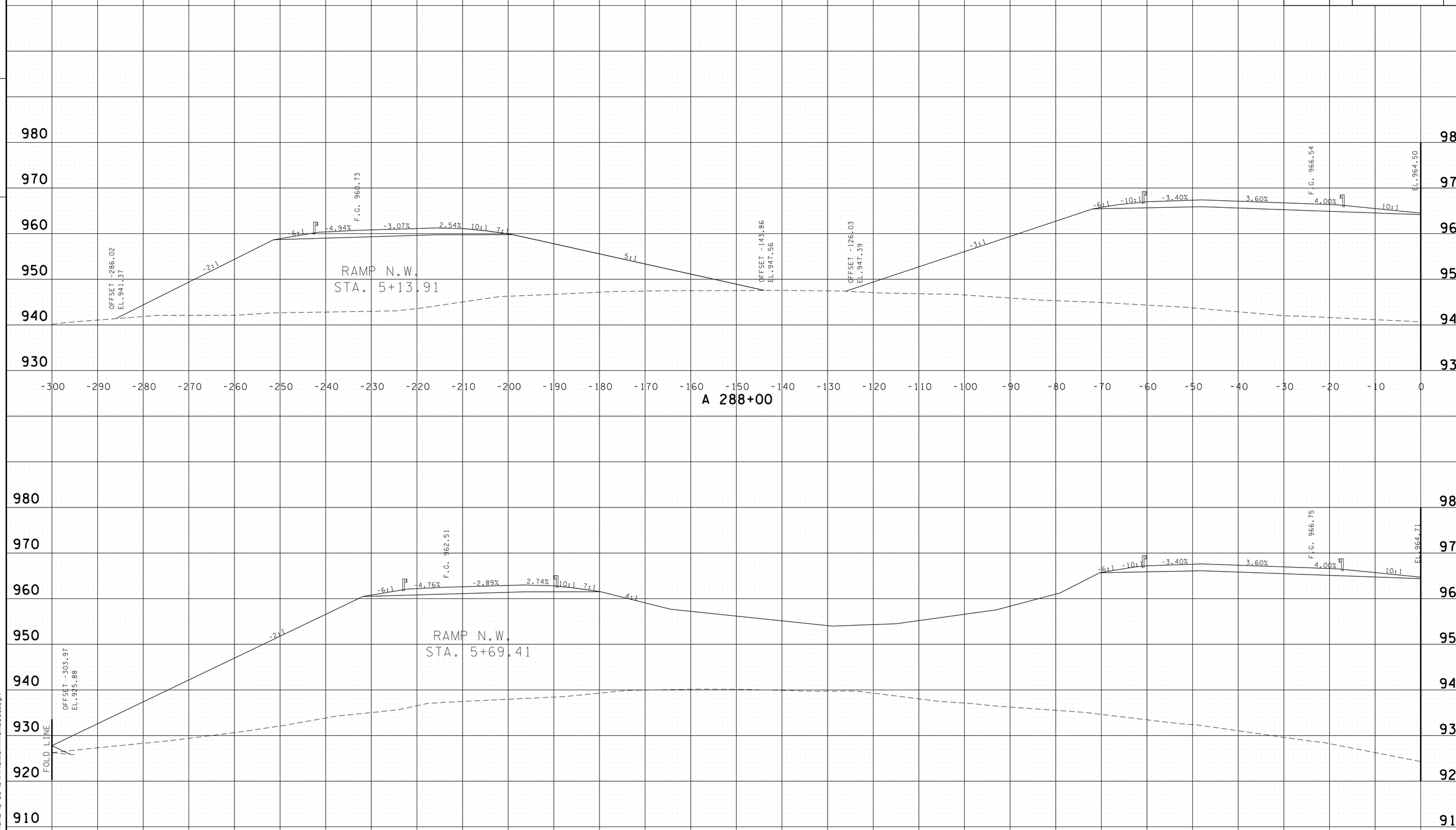
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	426

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 287+50 TO STA.A 288+00

4/30/2014 11:41:42 AM
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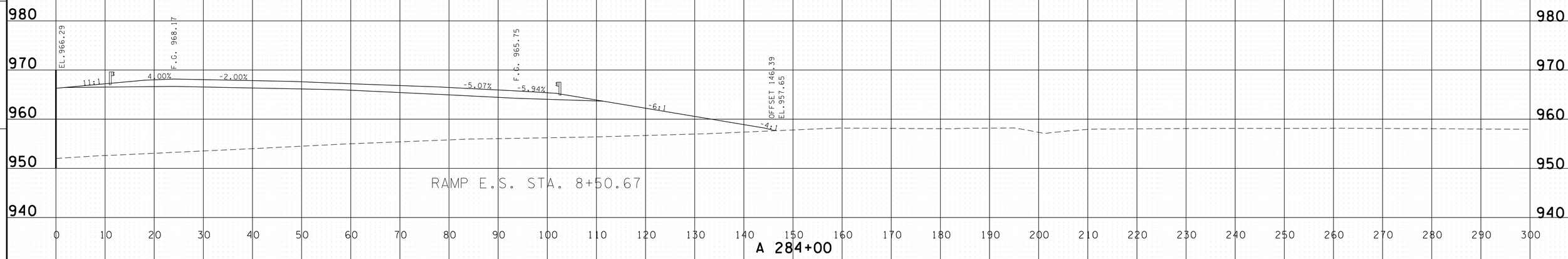
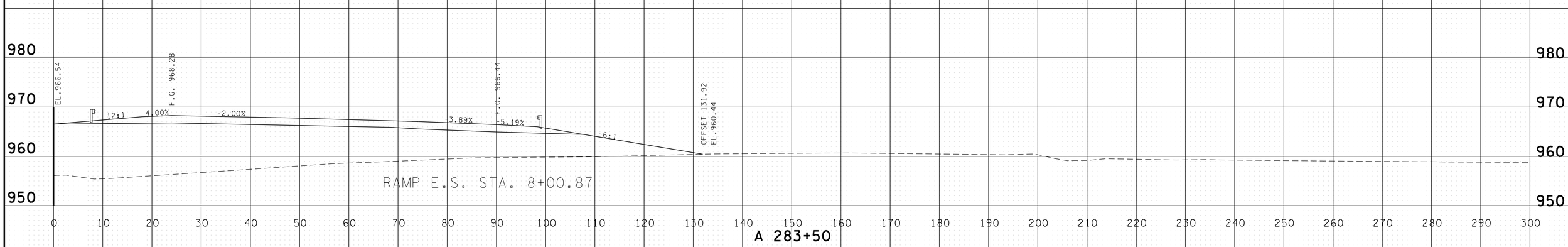
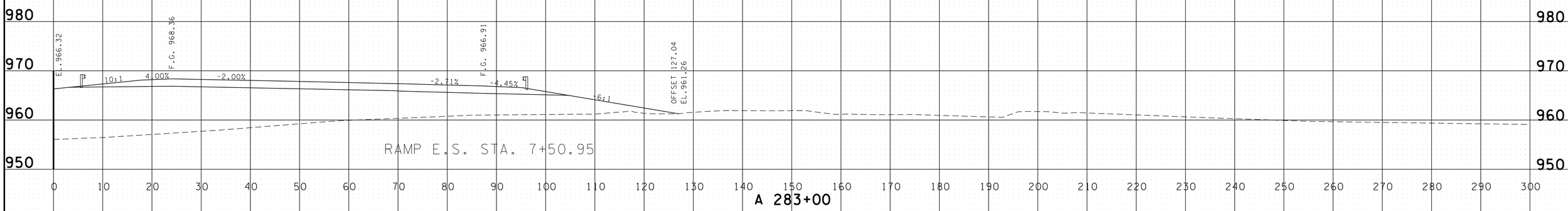
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	427

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 283+00 TO STA.A 284+00

4/30/2014 11:41:44 AM
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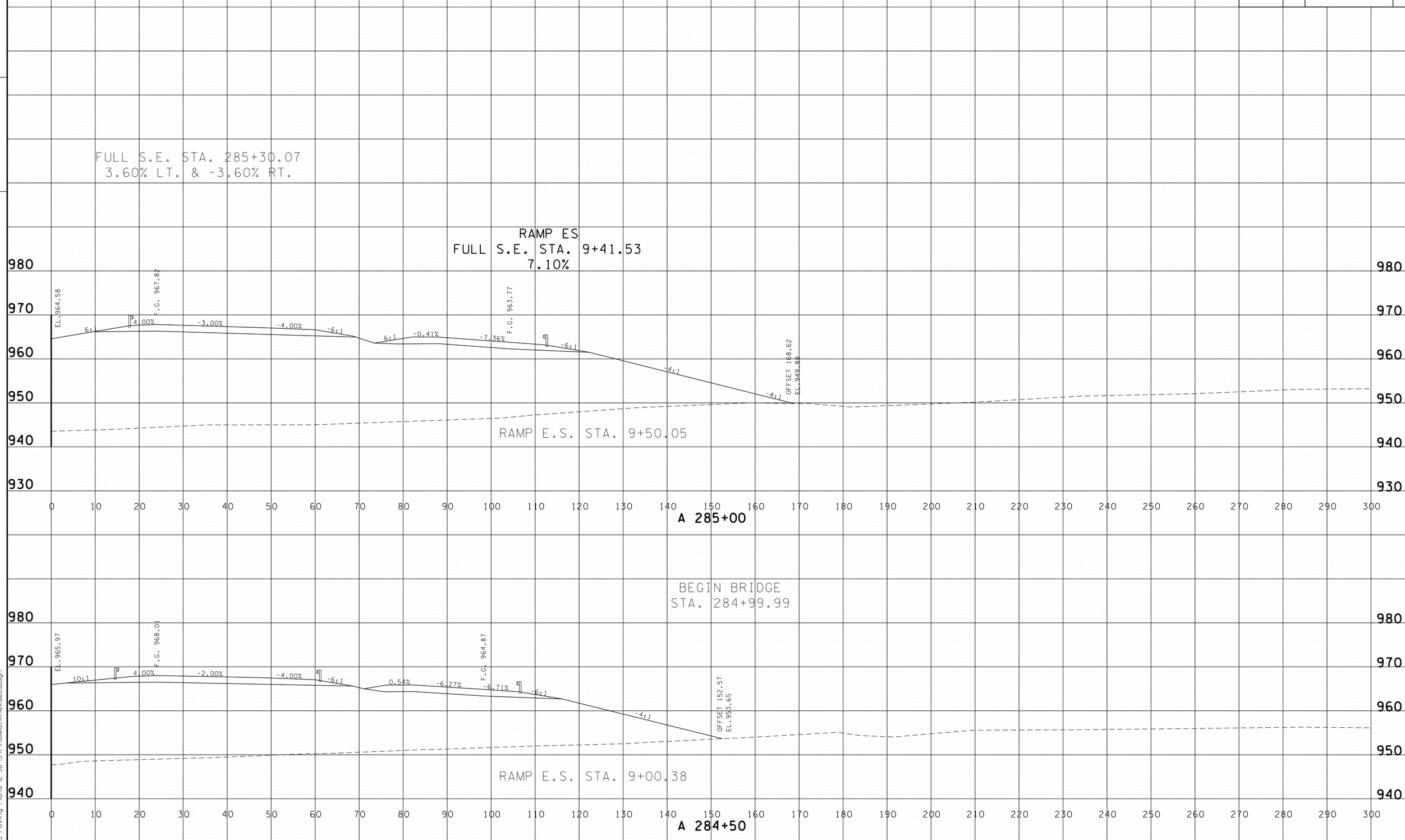
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	428

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 284+50 TO STA.A 285+00

4/30/2014 11:41:45 AM
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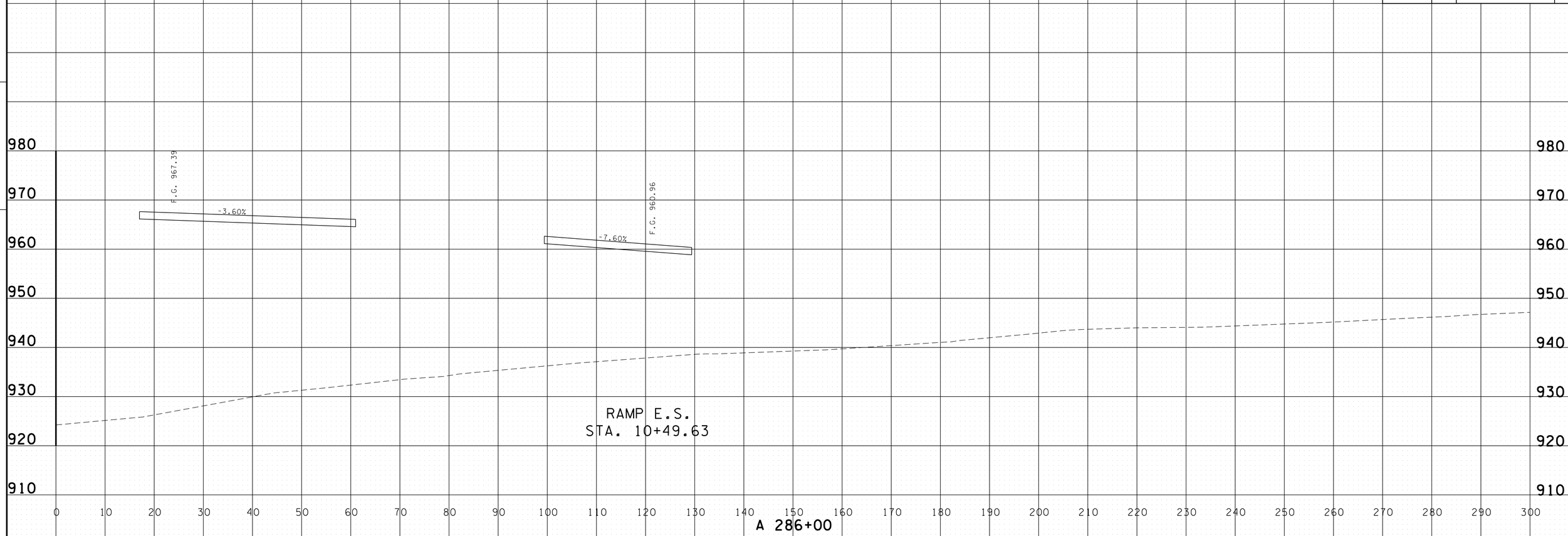
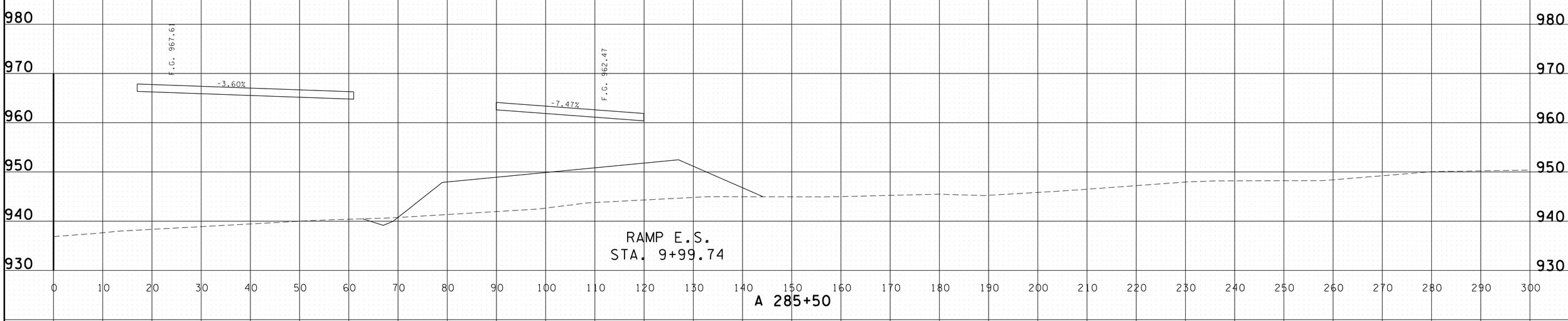
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	429

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 285+50 TO STA.A 286+00

4/30/2014 11:41:47 AM
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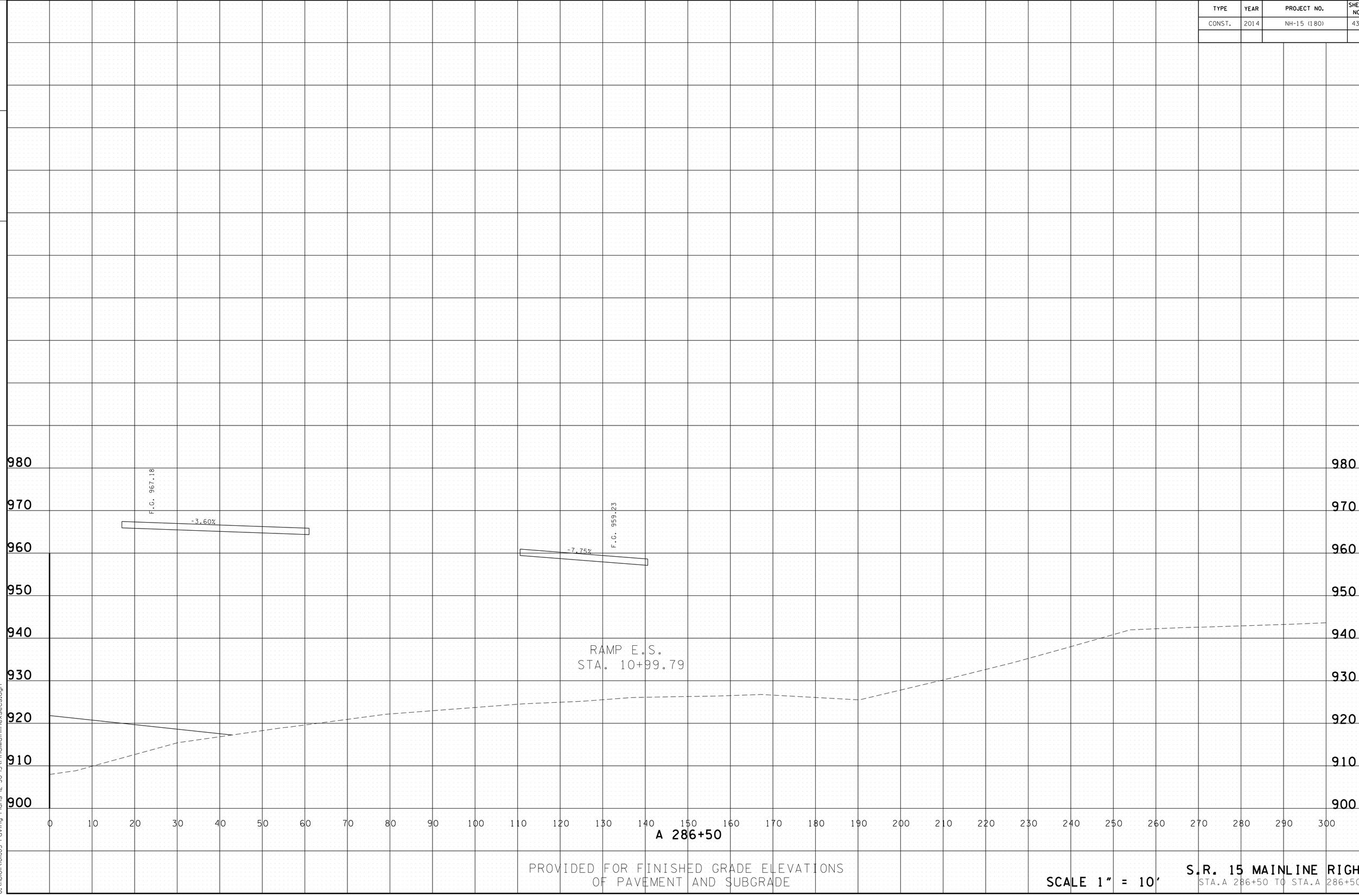
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	430

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 286+50 TO STA.A 286+50

4/30/2014 11:41:49 AM
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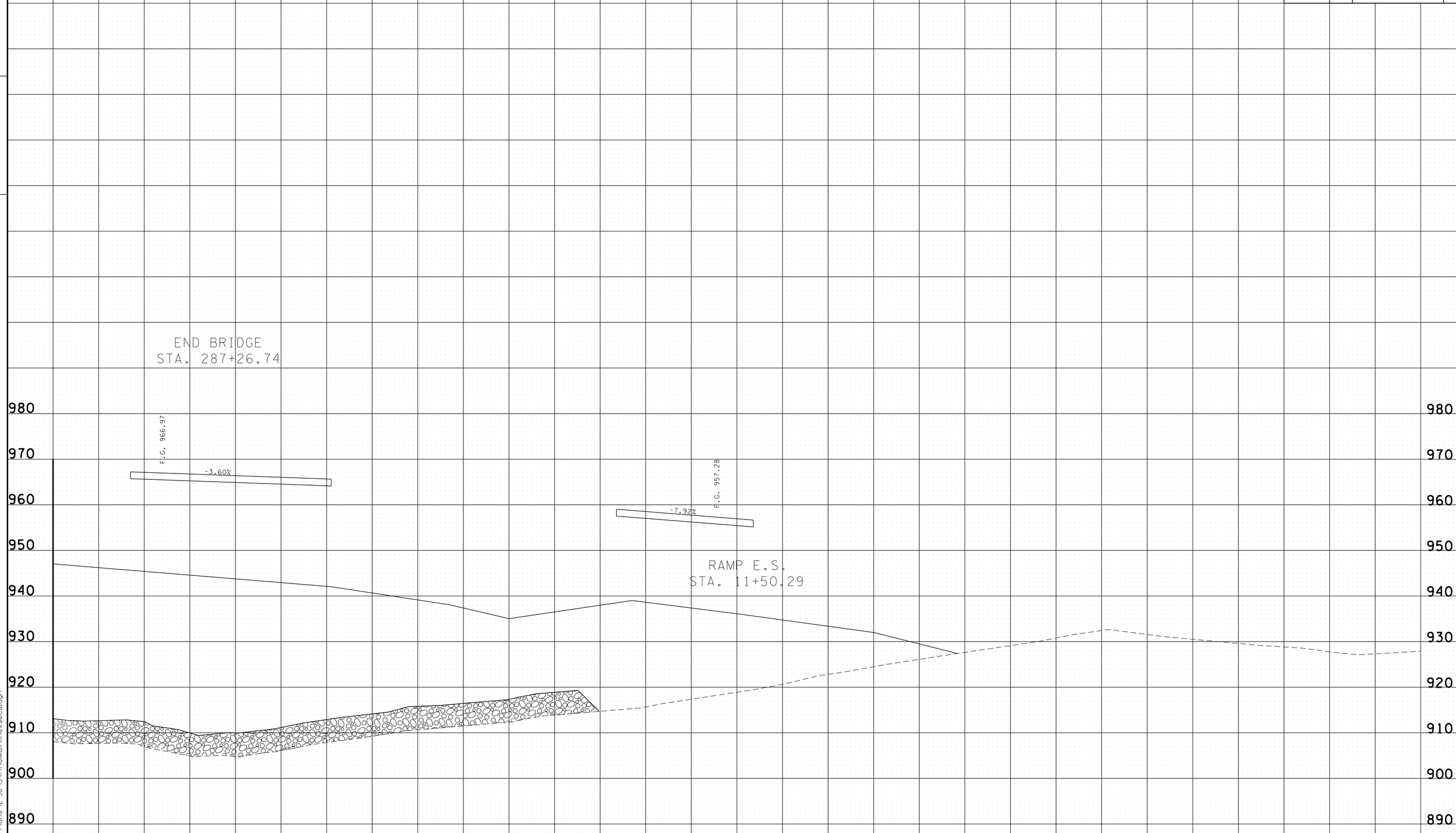
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	431

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 287+00 TO STA.A 287+00

4/30/2014 11:41:50 AM
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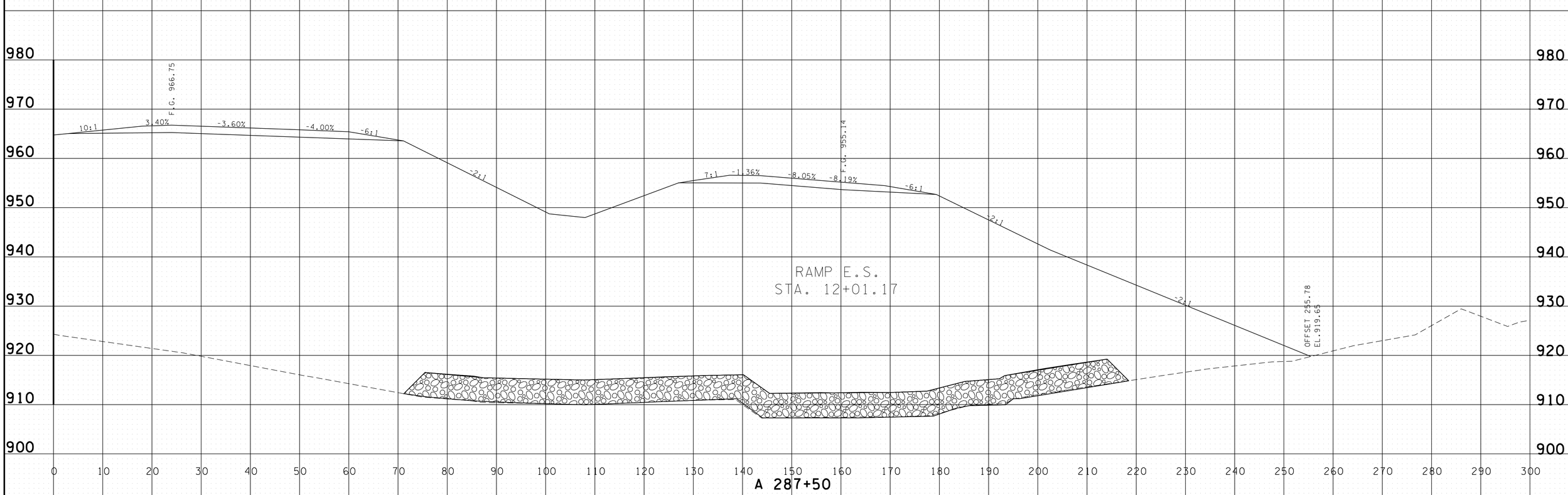
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	432

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 287+50 TO STA.A 287+50

4/30/2014 11:41:52 AM
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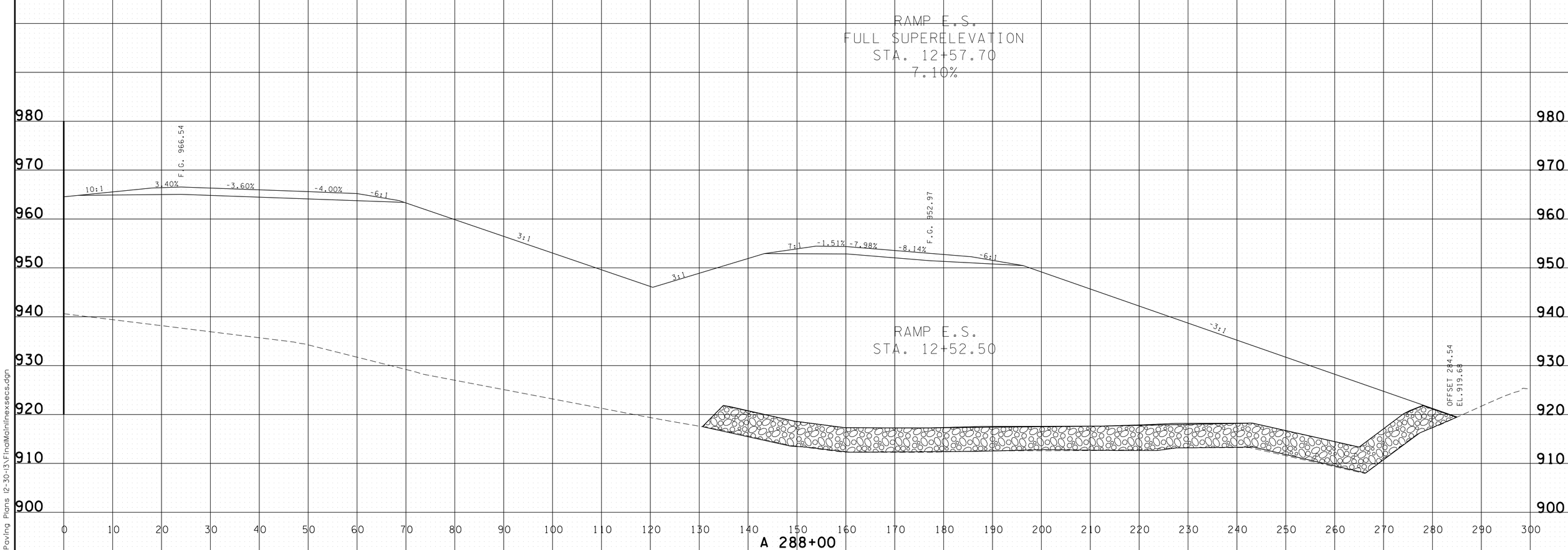
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	433

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 288+00 TO STA.A 288+00

4/30/2014 11:41:54 AM
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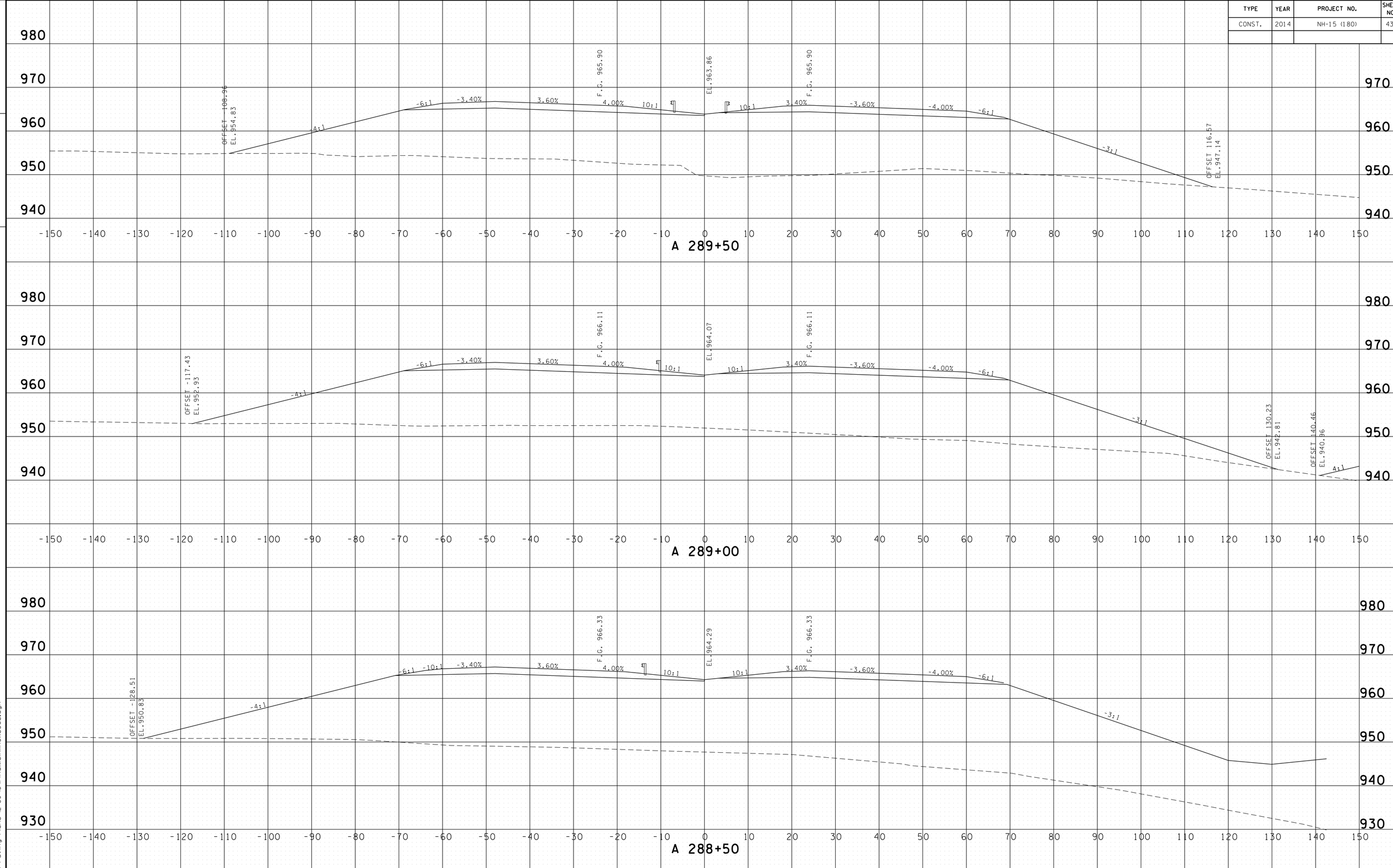
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	434

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 289+00 TO STA.A 289+50

4/30/2014 11:41:55 AM
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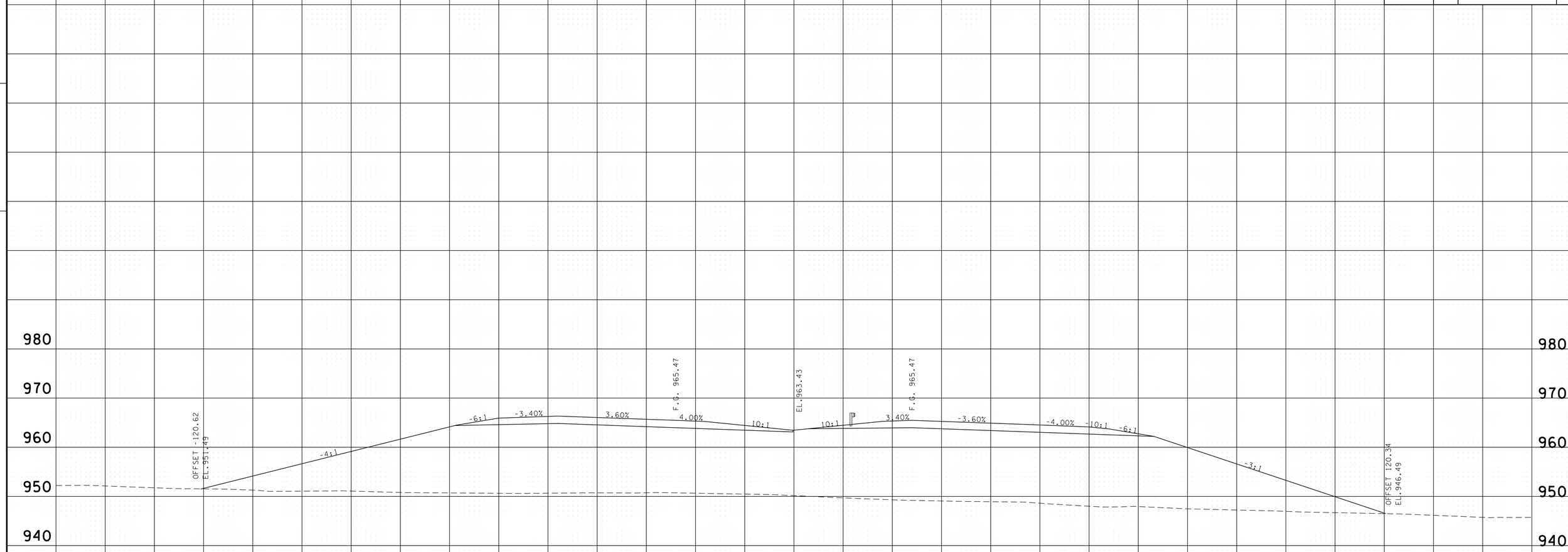
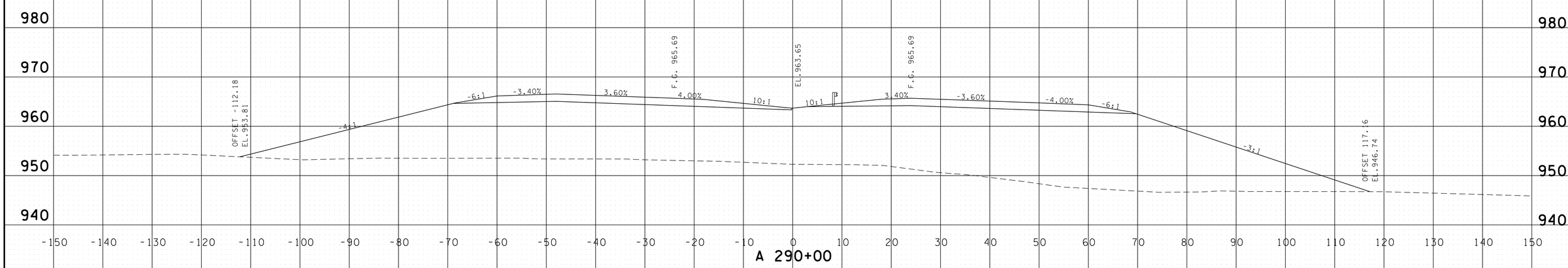
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	435

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 290+00 TO STA.A 290+50

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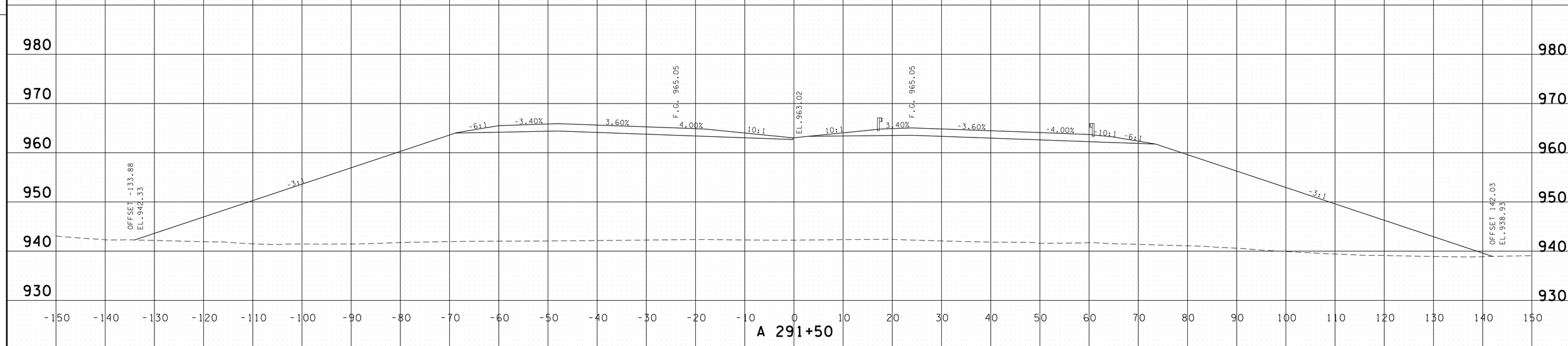
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	436

FILE NO.

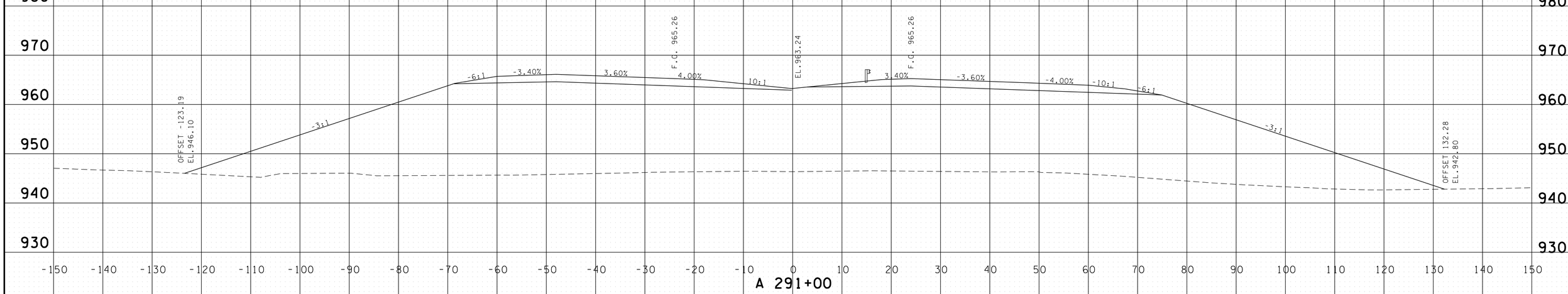
TENNESSEE D.O.T.
DESIGN DIVISION

DBL. END AREA
STA 291+86.53
AREEA CUT=0
AREA FILL=4493

BEGIN BRIDGE
STA. 291+86.53



A 291+50



A 291+00

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 291+00 TO STA.A 291+50

4/30/2014 11:41:59 AM
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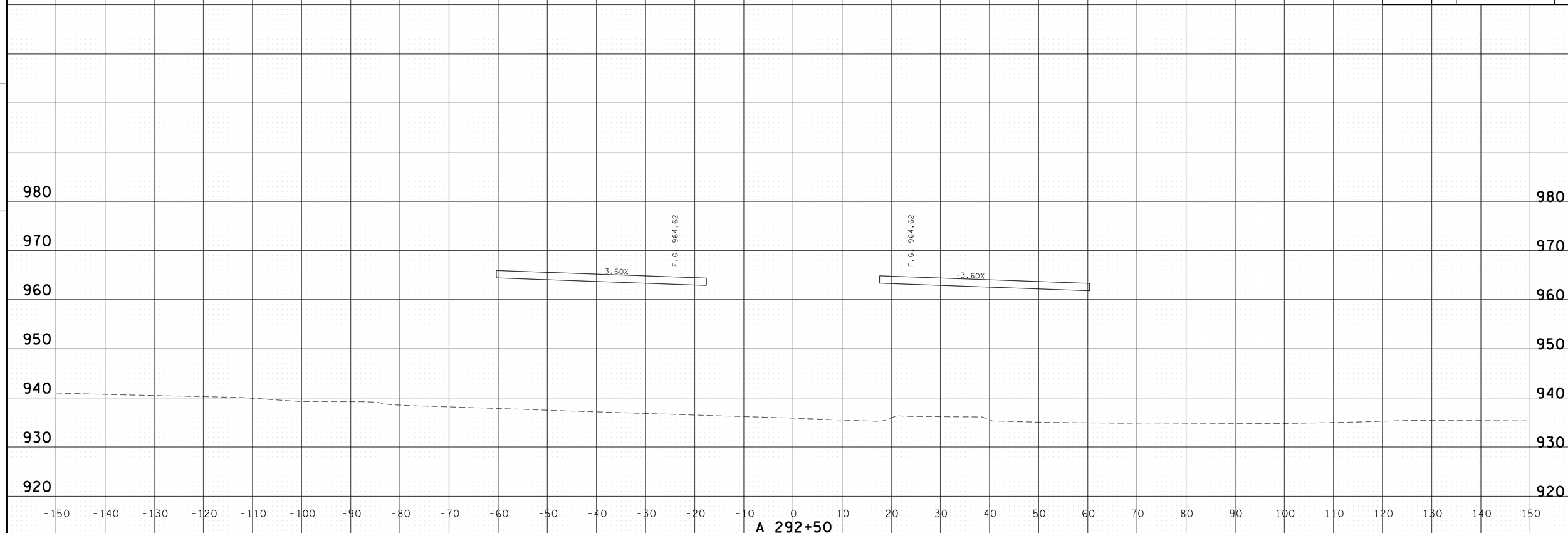
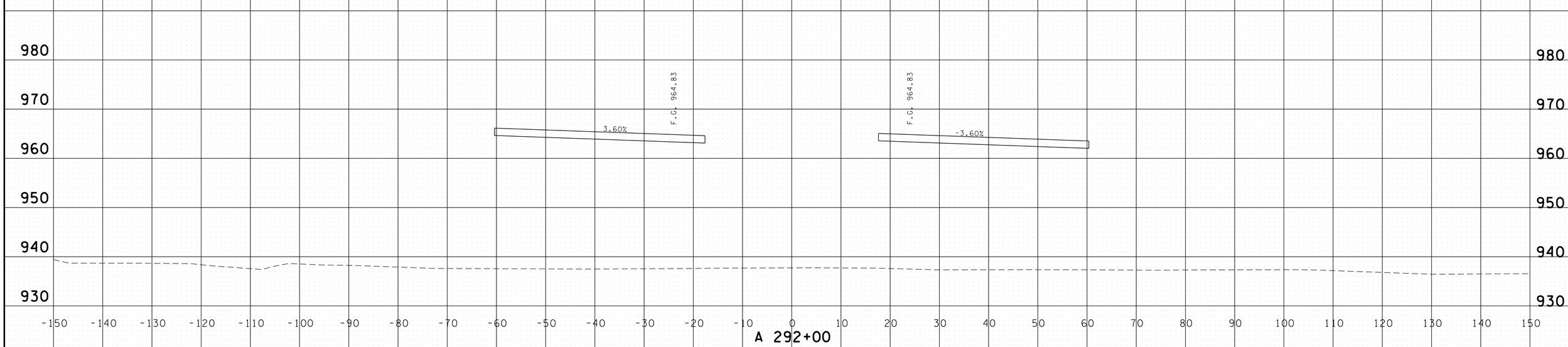
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	437

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

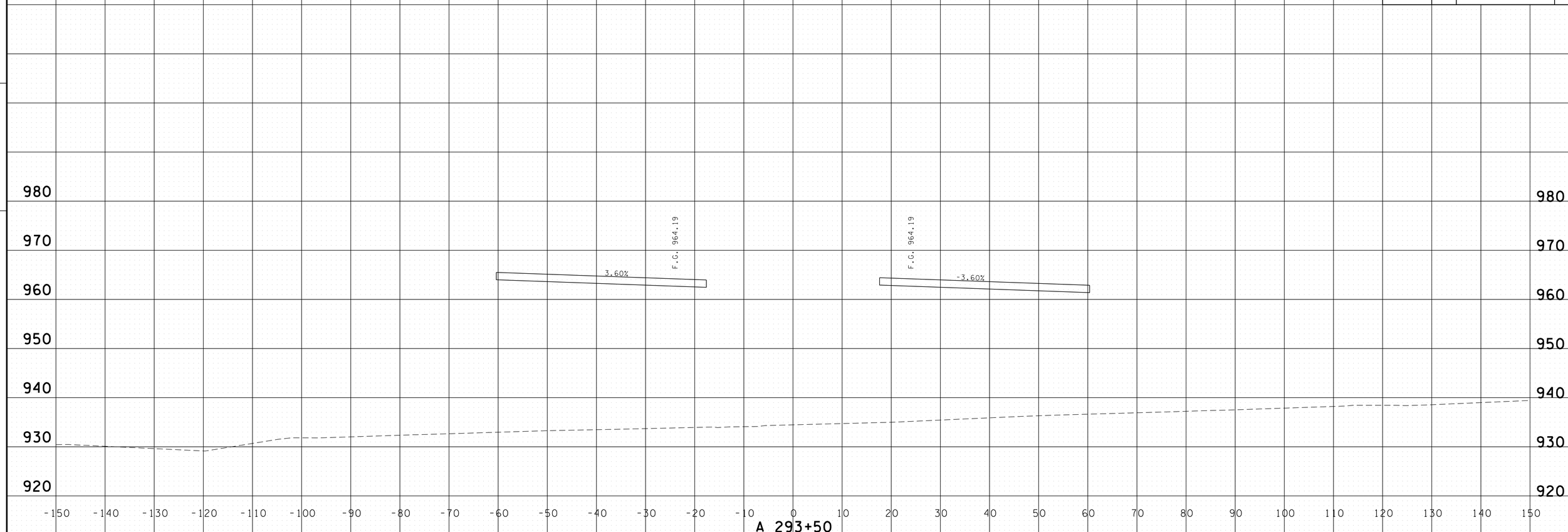
S.R. 15 MAINLINE
STA.A 292+00 TO STA.A 292+50

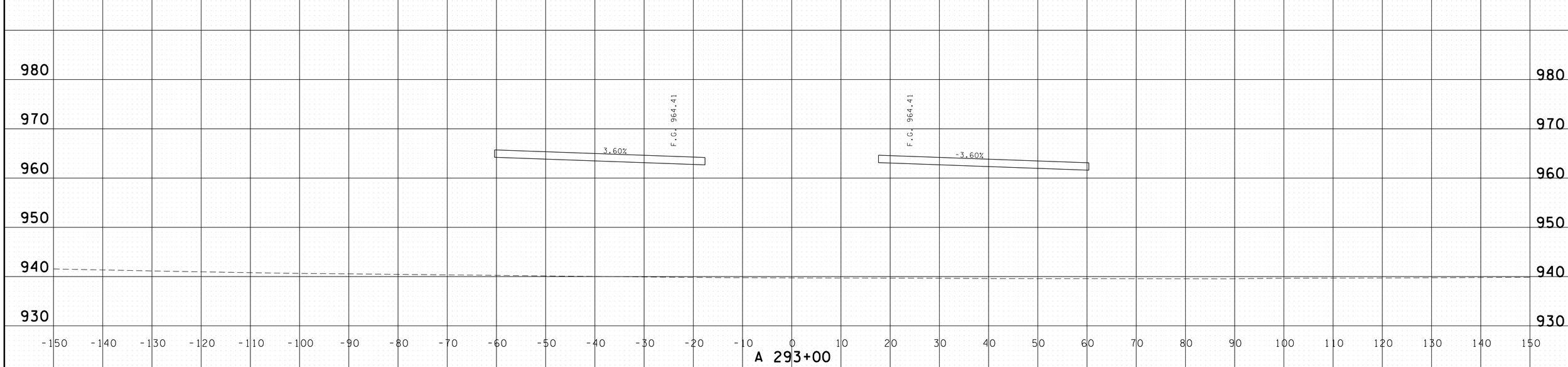
4/30/2014 11:42:01 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	438

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 293+00 TO STA.A 293+50

4/30/2014 11:42:02 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

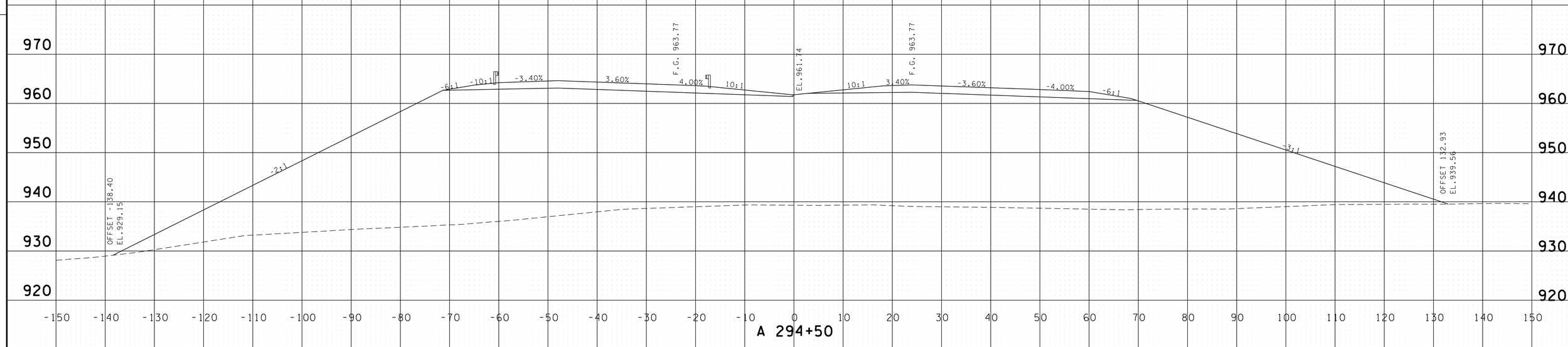
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	439

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

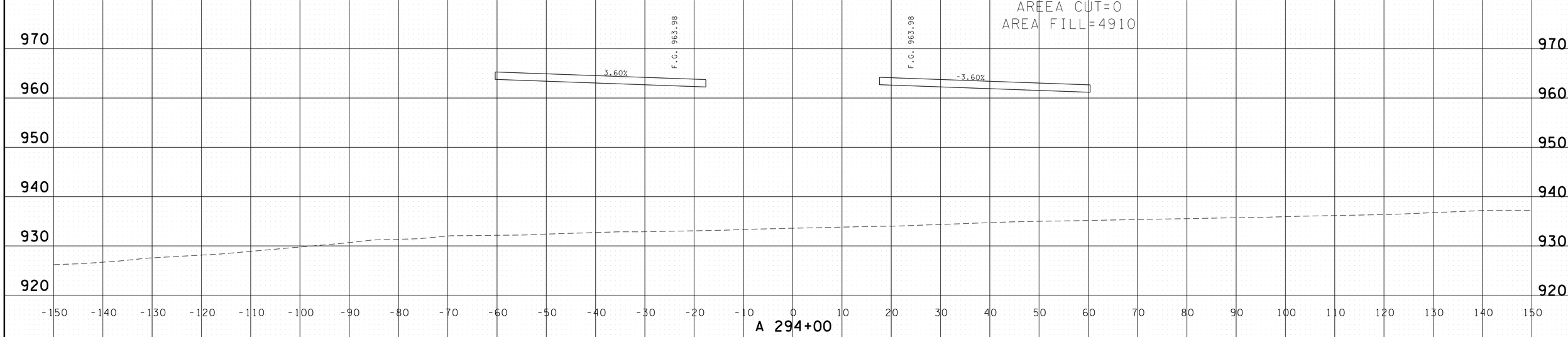
END S.E. TRANSITION
STA. 303+10.03

FULL S.E. STA. 300+50.08
3.60% LT. & -3.60% RT.



END BRIDGE
STA. 294+07.53

DBL. END AREA
STA 294+07.53
AREEA CUT=0
AREA FILL=4910



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 294+00 TO STA.A 294+50

4/30/2014 11:42:04 AM
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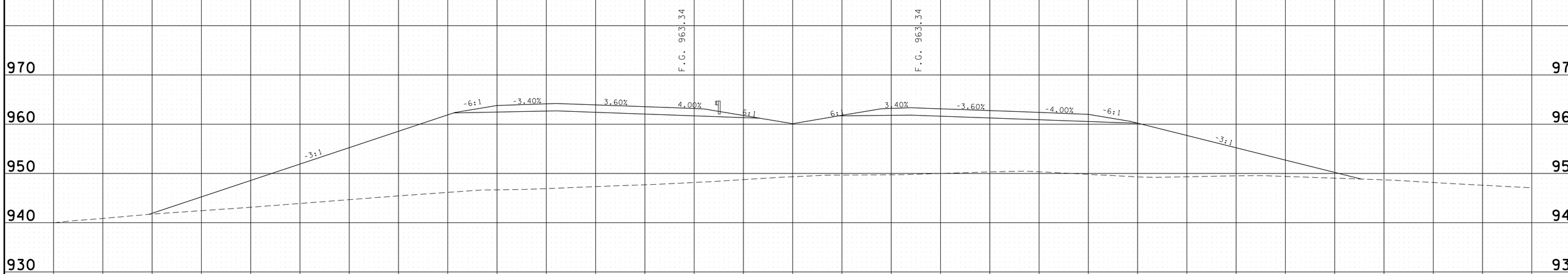
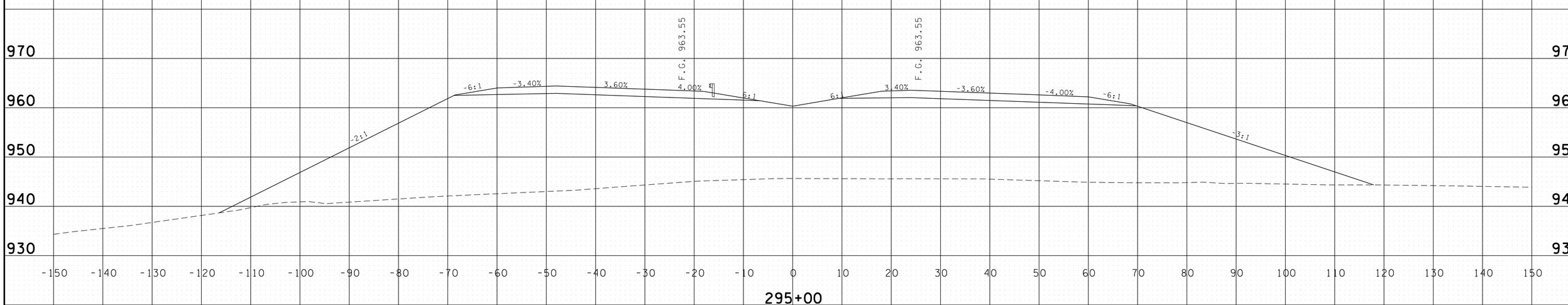
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	440

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

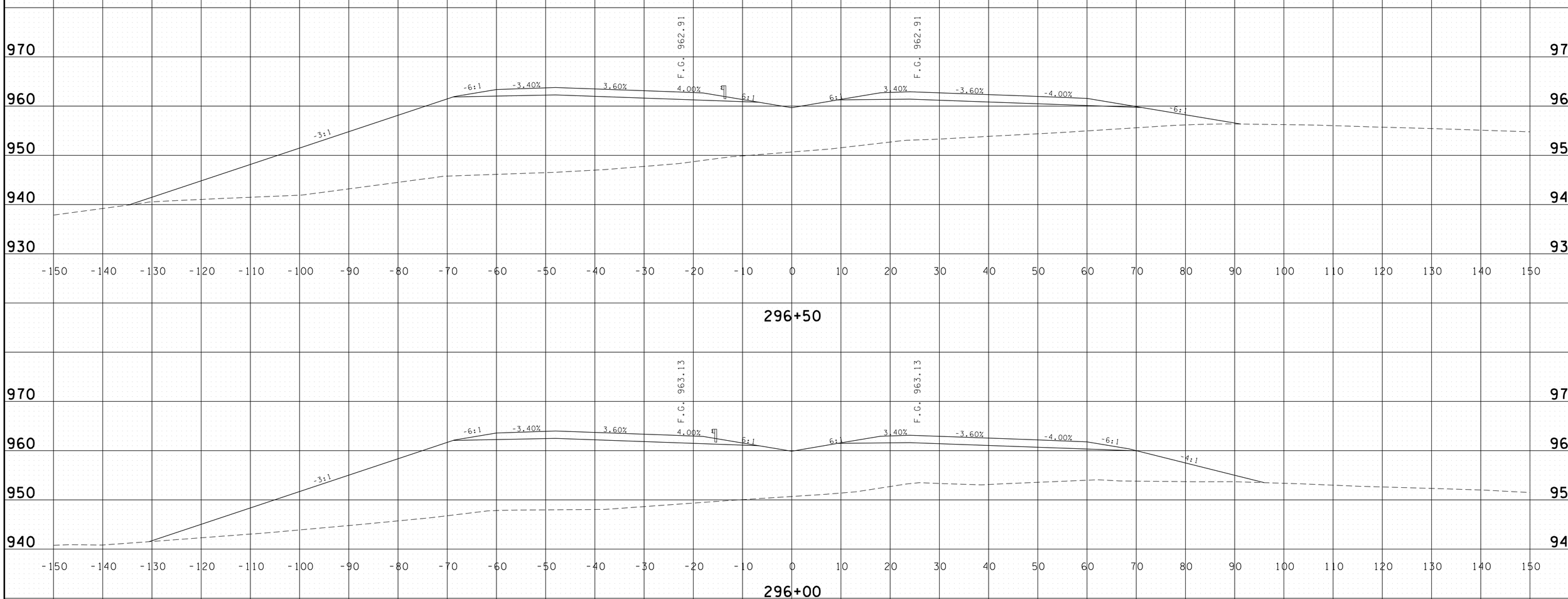
S.R. 15 MAINLINE
STA.A 295+00 TO STA.A 295+50

4/30/2014 11:42:06 AM
G:\HDI01\I01L03 Paving Plans 12-30-13\FinalMainlinexsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	441

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 296+00 TO STA.A 296+50

4/30/2014 11:42:07 AM
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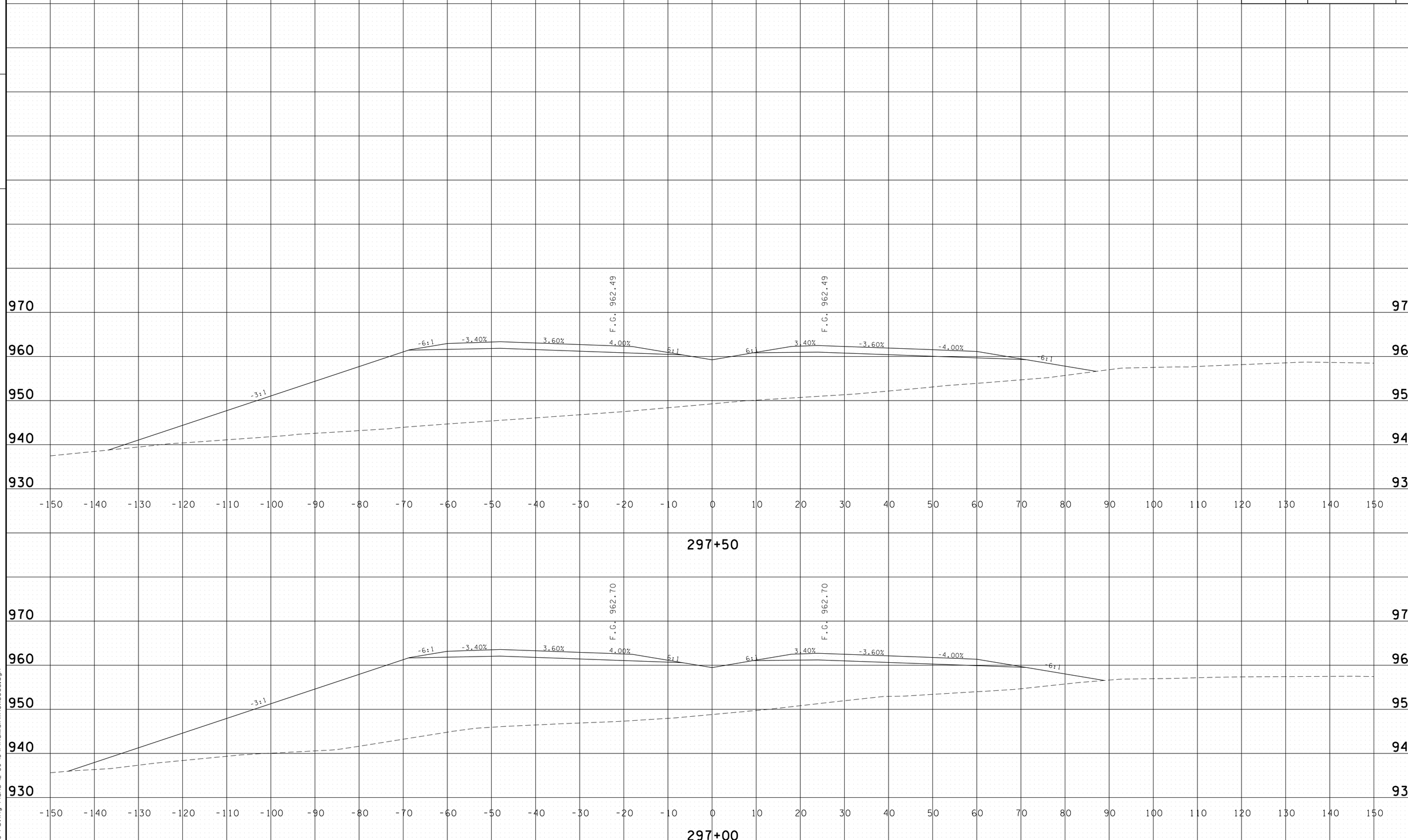
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	442

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 297+00 TO STA.A 297+50

4/30/2014 11:42:09 AM
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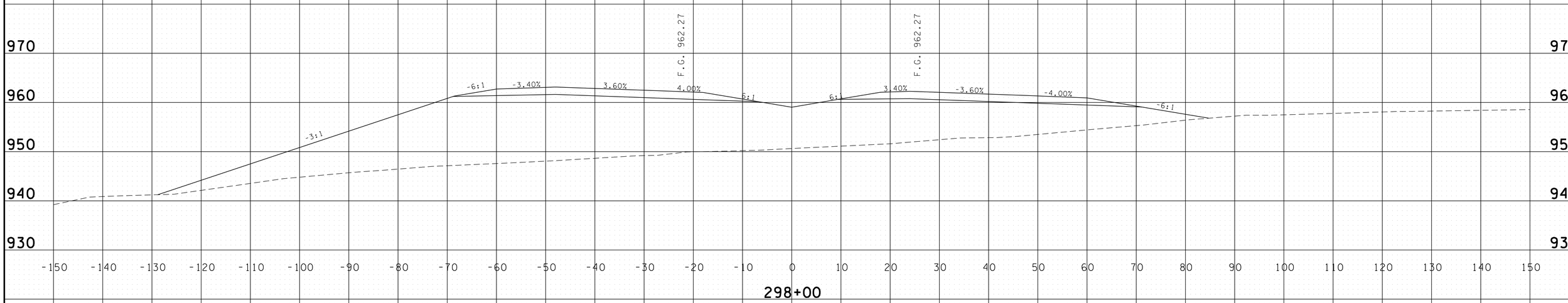
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	443

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE
STA.A 298+00 TO STA.A 298+00

4/30/2014 11:42:11 AM
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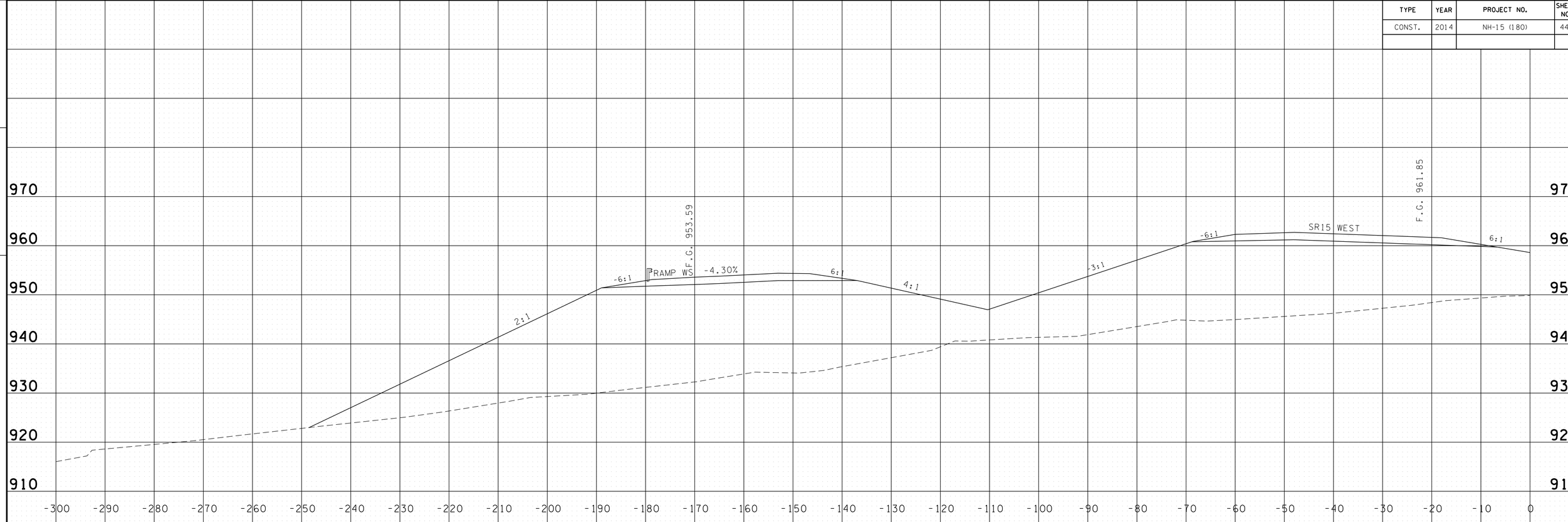
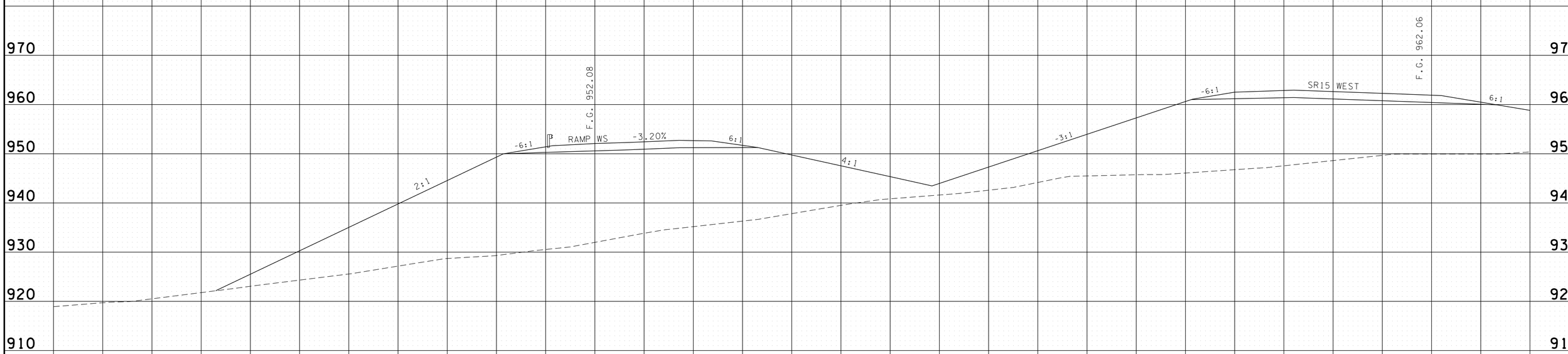
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	444

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



299+00 LT.



298+50 LT.

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 298+50 TO STA.A 299+00

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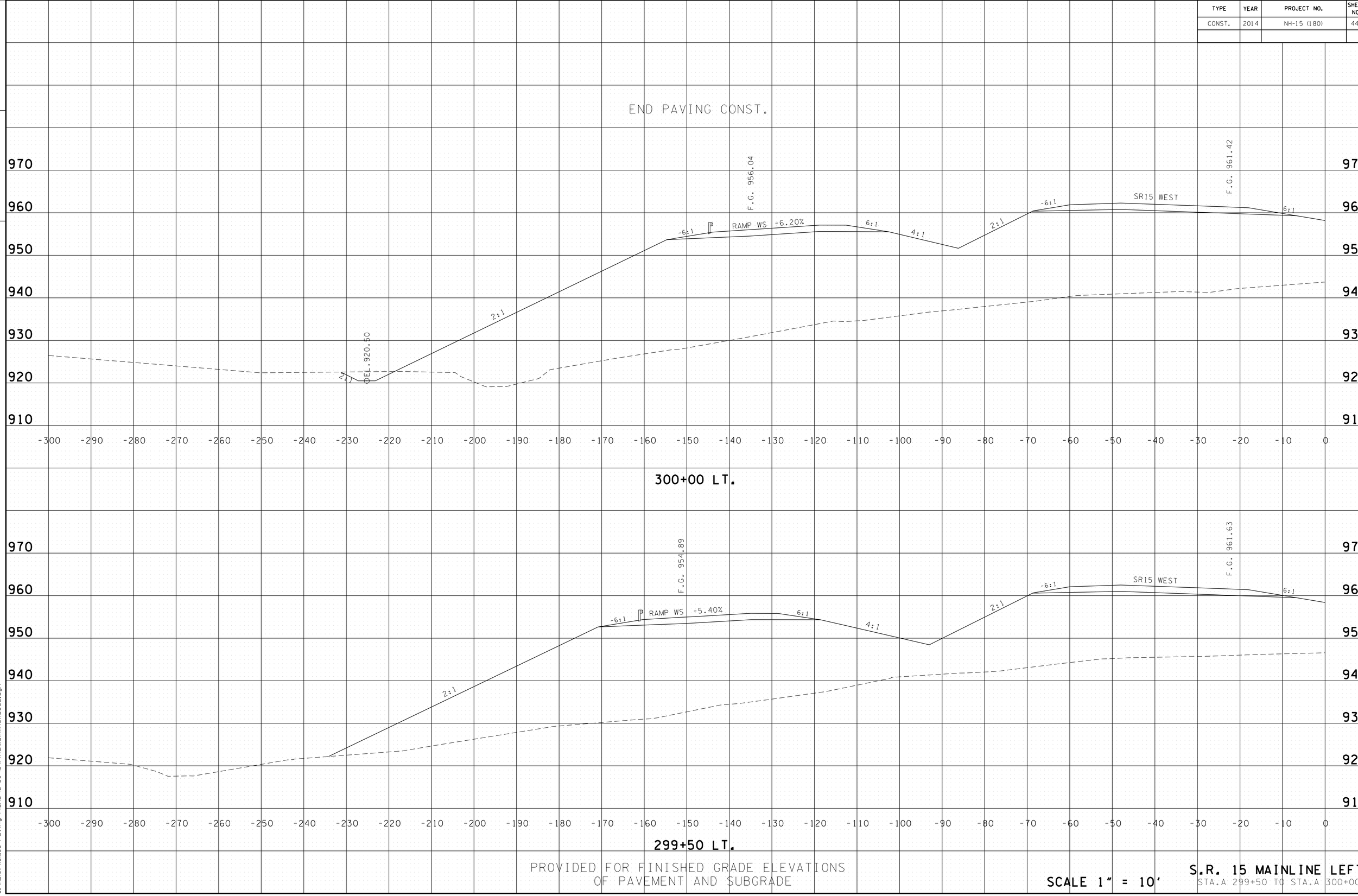
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	445

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE LEFT
STA.A 299+50 TO STA.A 300+00

4/30/2014 11:42:14 AM
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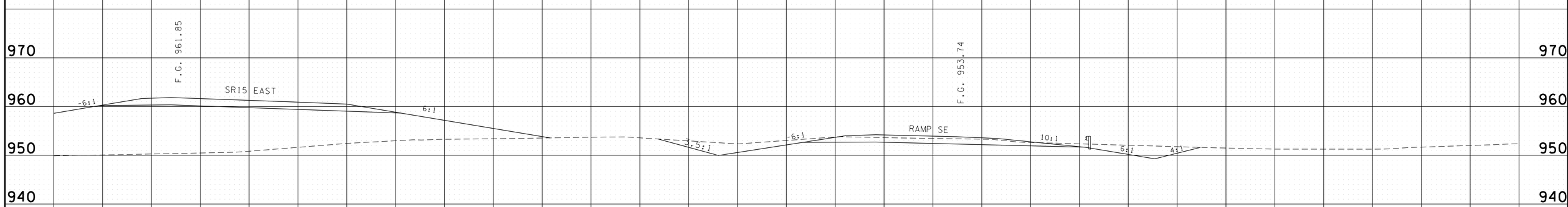
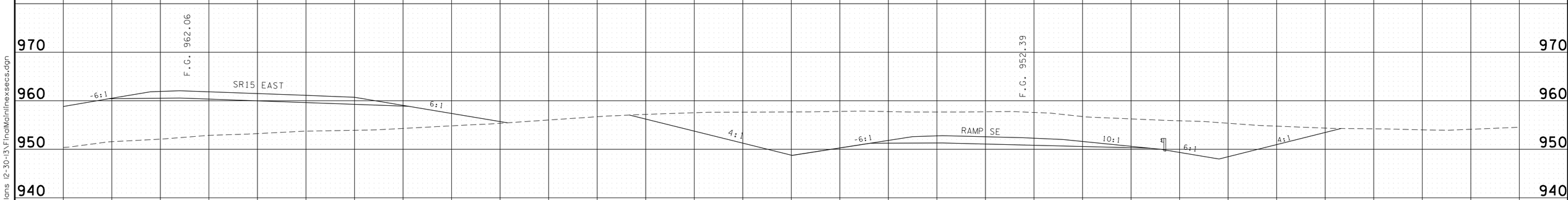
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	446

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



299+00 RT.



298+50 RT.

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 298+50 TO STA.A 299+00

4/30/2014 11:42:16 AM
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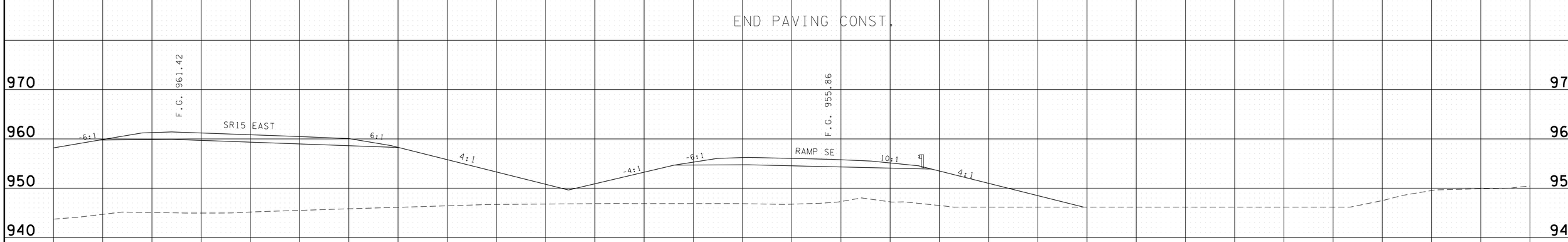
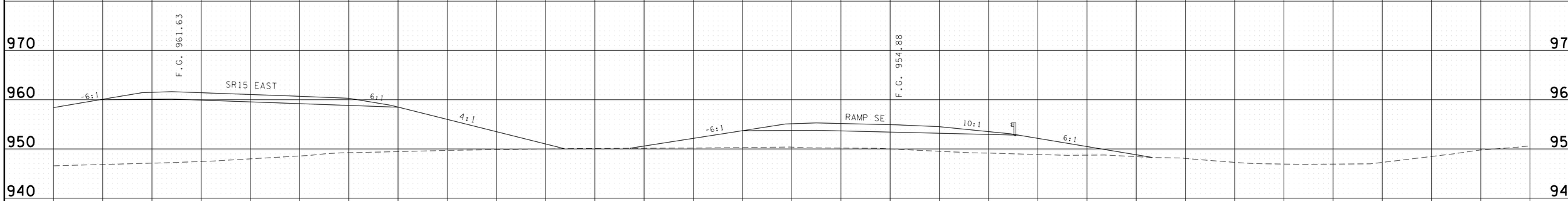
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	447

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



300+00 RT.



299+50 RT.

PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

SCALE 1" = 10'

S.R. 15 MAINLINE RIGHT
STA.A 299+50 TO STA.A 300+00

4/30/2014 11:42:17 AM
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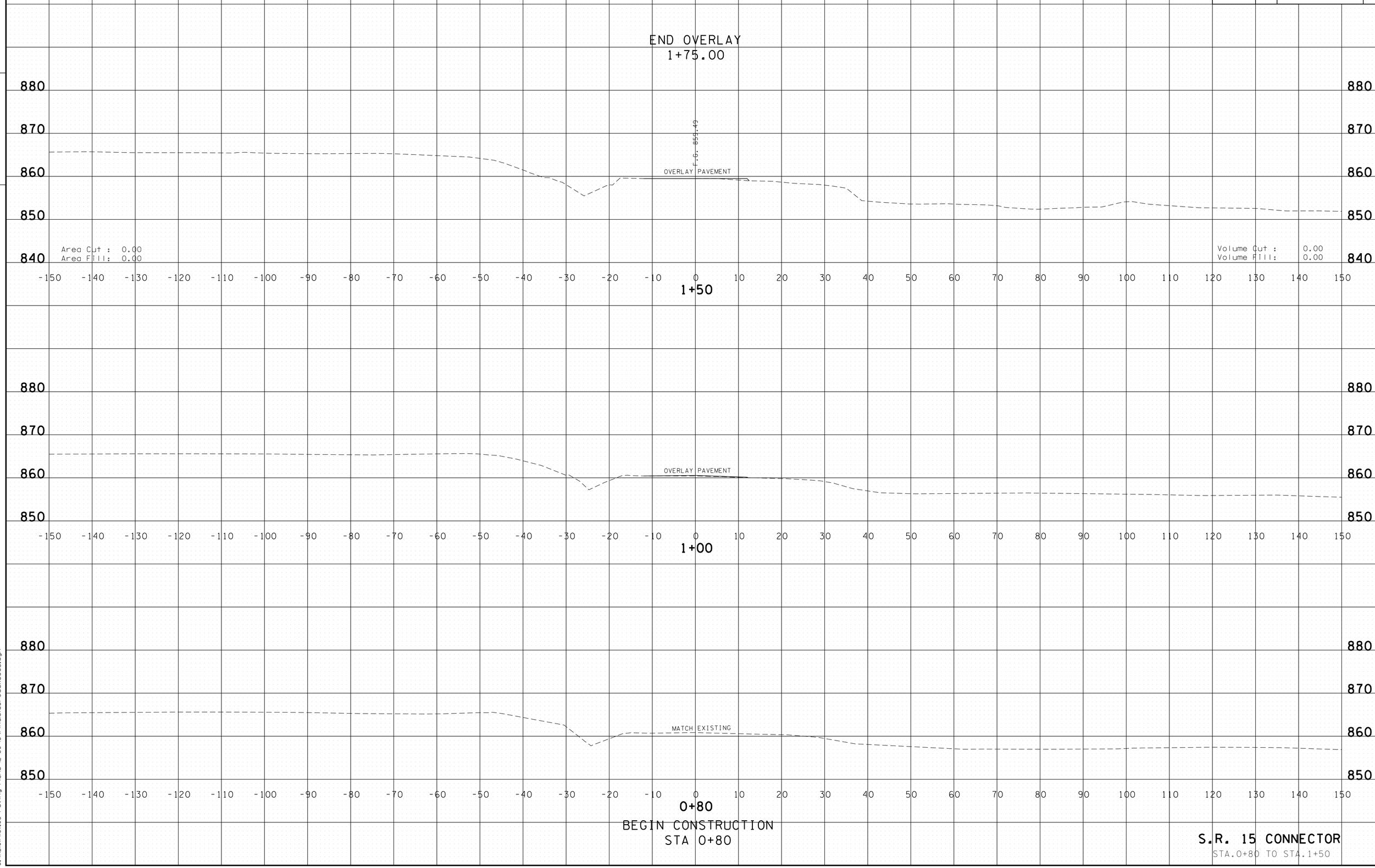
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	472

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



S.R. 15 CONNECTOR
STA.0+80 TO STA.1+50

4/30/2014 11:42:25 AM
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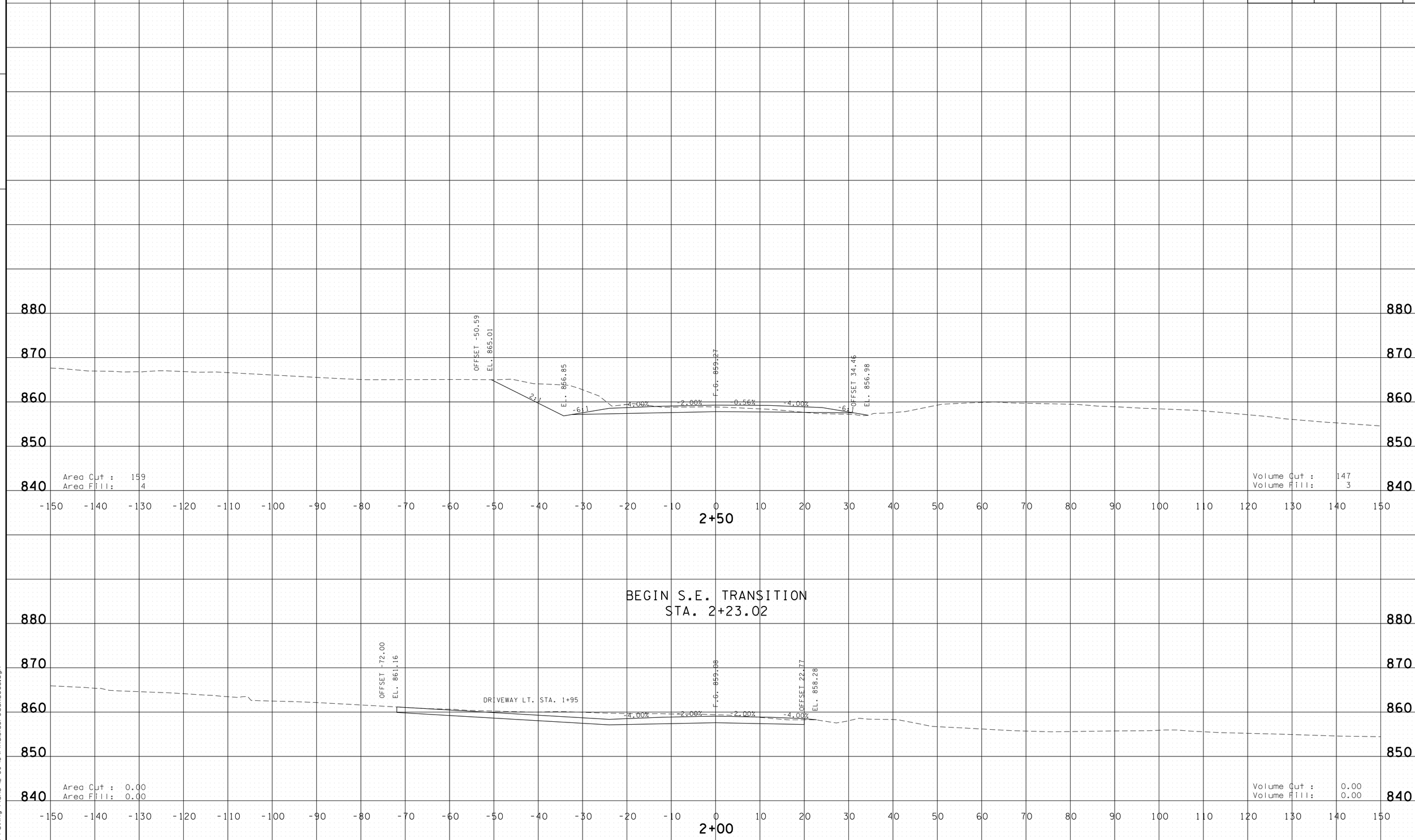
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	473

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



S.R. 15 CONNECTOR

STA.2+00 TO STA.2+50

4/30/2014 11:42:27 AM
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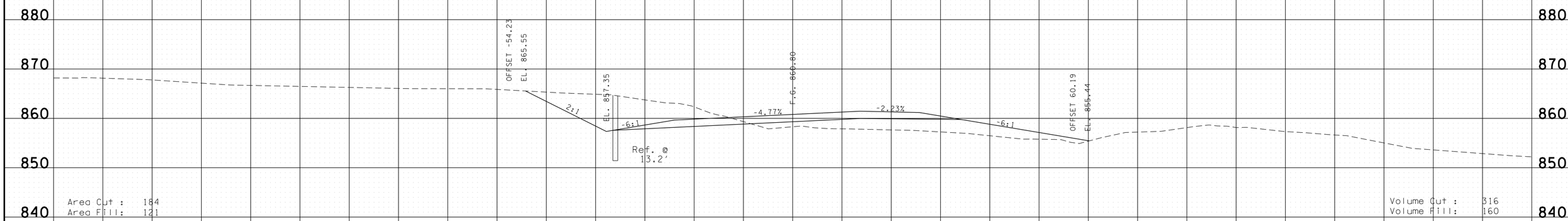
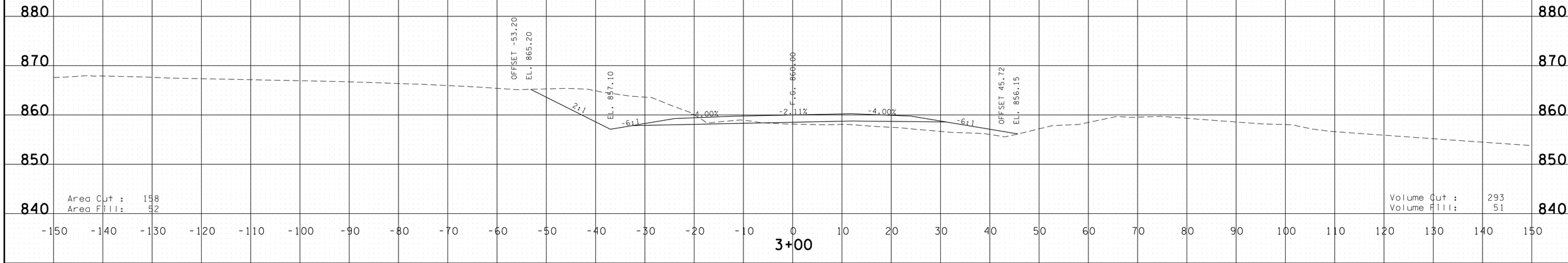
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	474

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL S.E. STA. 3+73.02
-6.00% LT. & 6.00% RT.





S.R. 15 CONNECTOR
STA.3+00 TO STA.3+50

4/30/2014 11:42:29 AM
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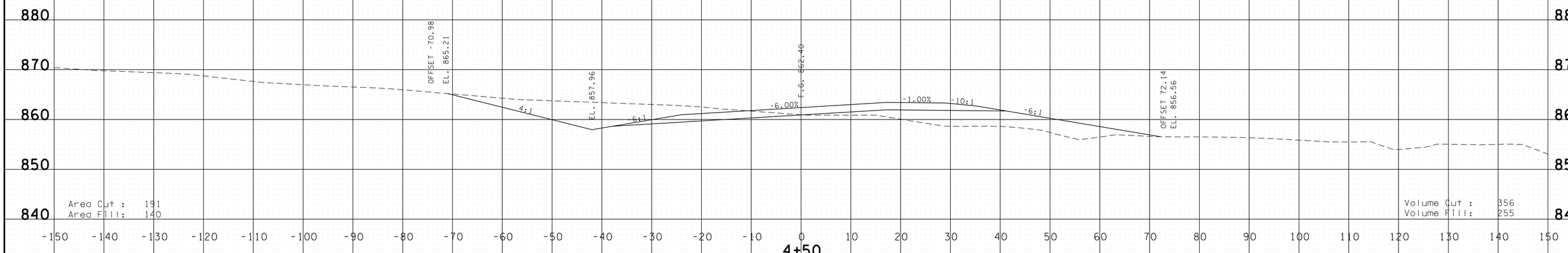
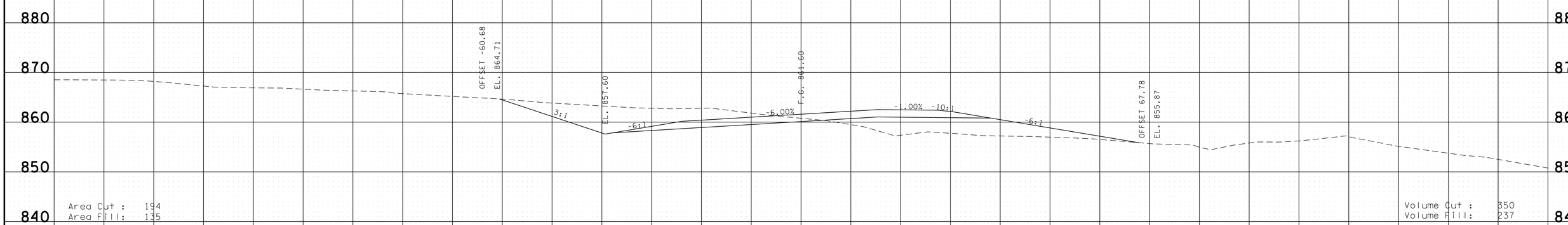
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	475

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





S.R. 15 CONNECTOR

STA.4+00 TO STA.4+50

4/30/2014 11:42:31 AM
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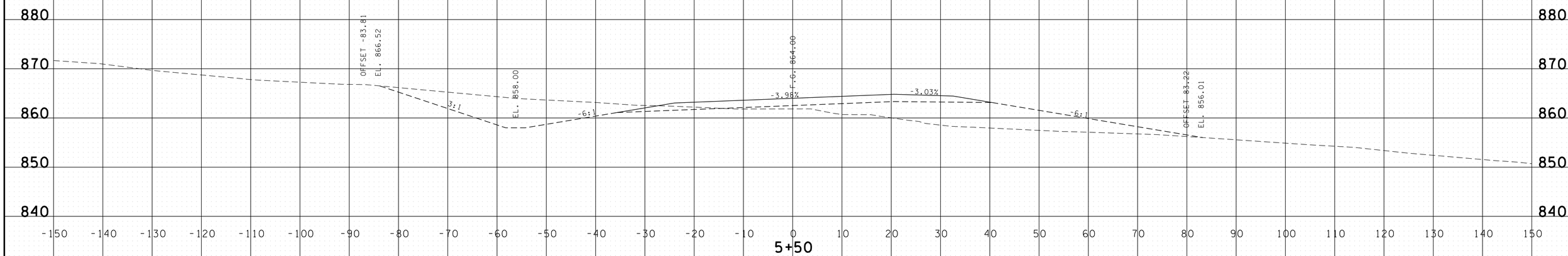
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	476

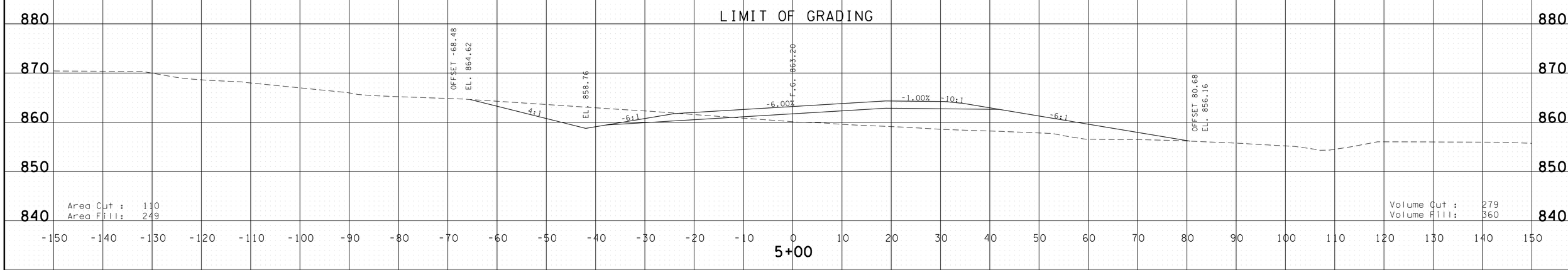
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 5+11.98
-6.00% LT. & 6.00% RT.

LIMIT OF GRADING



Area Cut : 110
Area Fill: 249

Volume Cut : 279
Volume Fill: 360

S.R. 15 CONNECTOR

STA.5+00 TO STA.5+50

4/30/2014 11:42:33 AM
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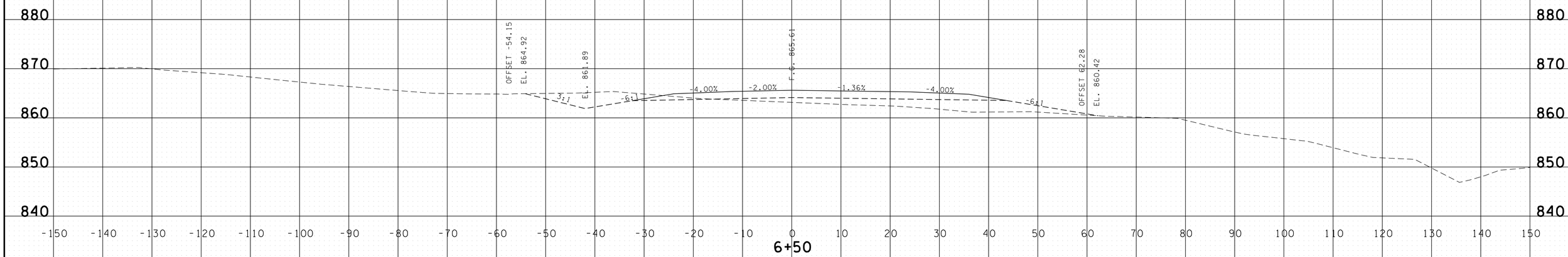
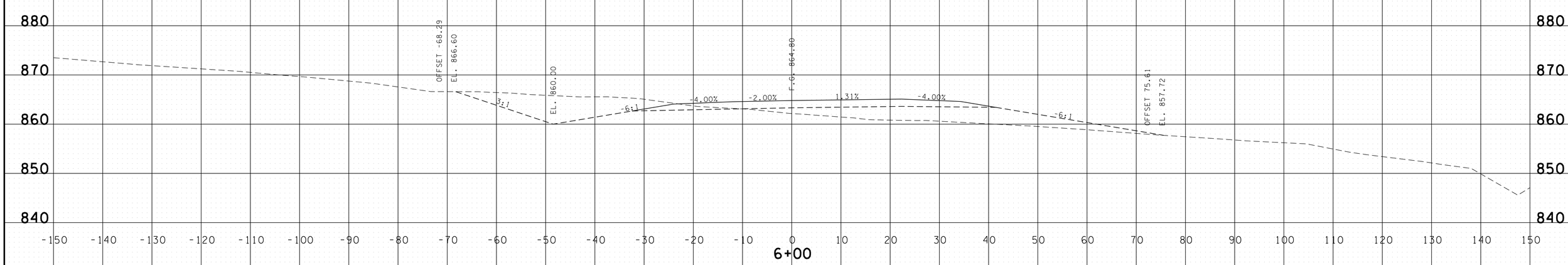
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	477

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

END S.E. TRANSITION
STA. 6+61.98





S.R. 15 CONNECTOR
STA.6+00 TO STA.6+50

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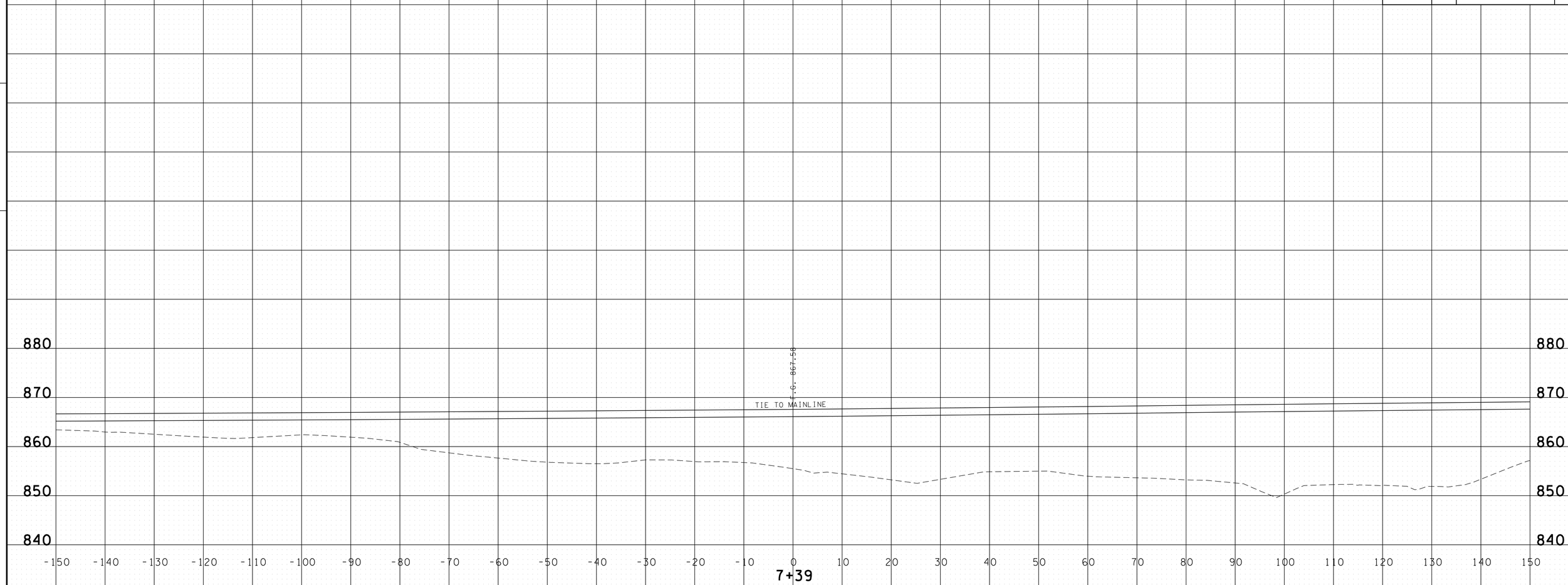
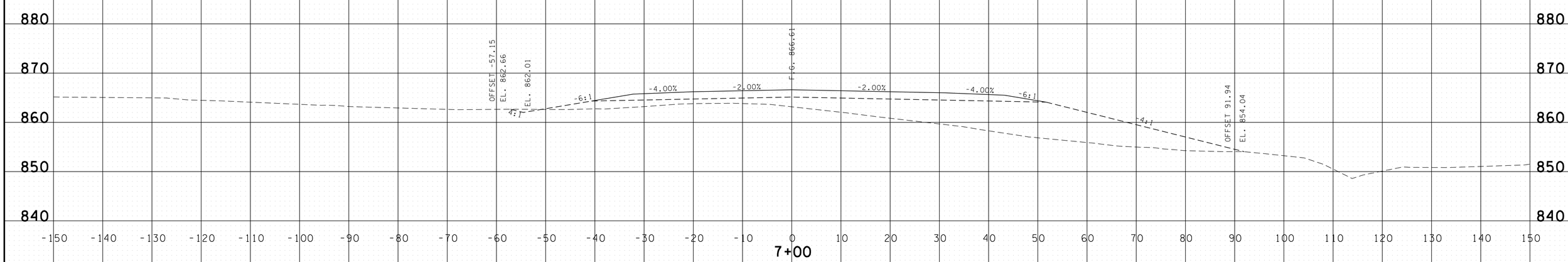
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	478

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





S.R. 15 CONNECTOR

STA.7+00 TO STA.7+39

4/30/2014 11:42:37 AM
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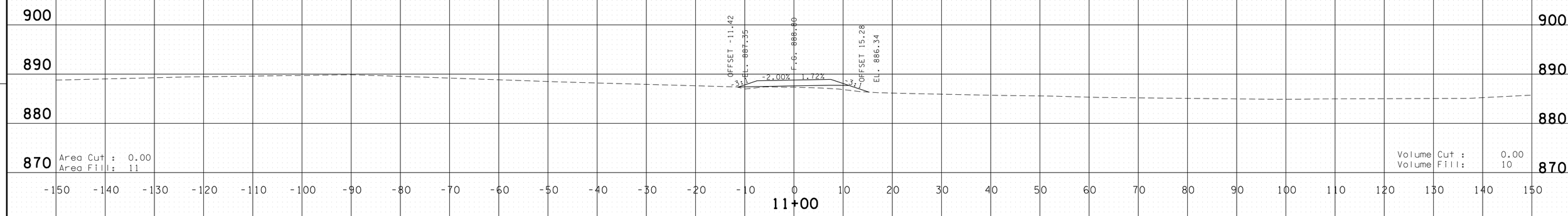
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	479

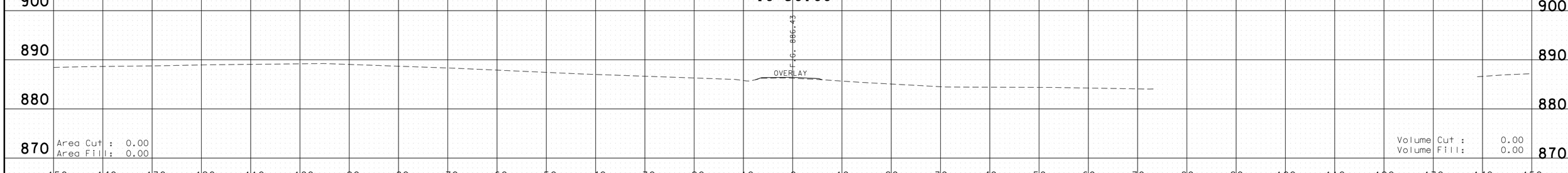
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

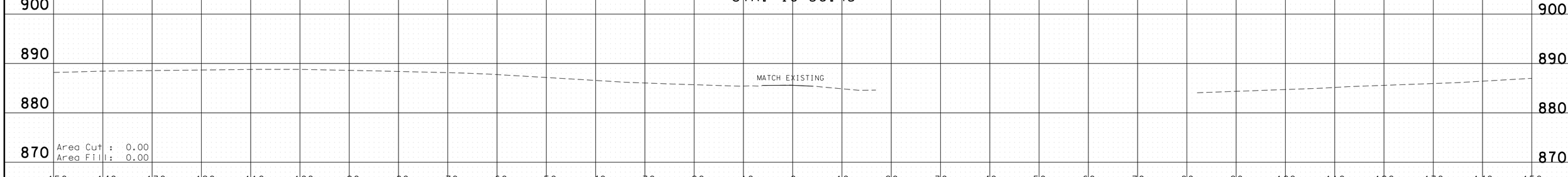
FULL S.E. STA. 11+04.74
-2.10% LT. & 2.10% RT.



END OVERLAY
10+50.00



BEGIN S.E. TRANSITION
STA. 10+36.45



WALDON ROAD
STA.10+20 TO STA.11+00

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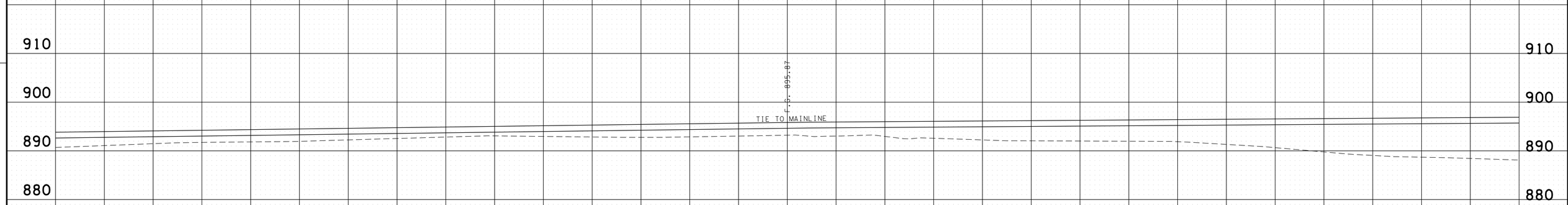
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	480

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

END S.E. STA. 12+50.00
-0.80% LT. & 0.80% RT.



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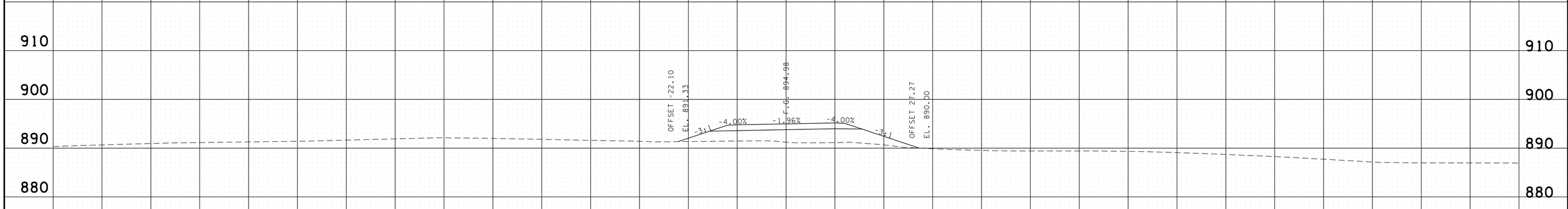
Area Fill: 0.00

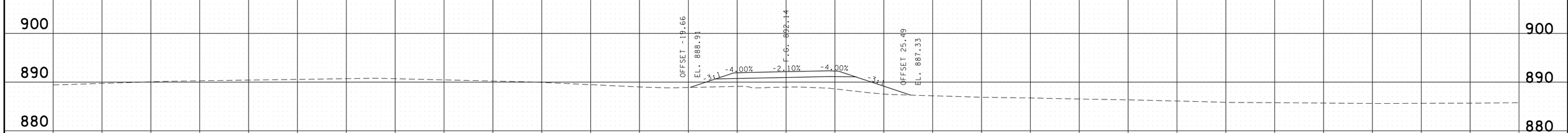
Volume Cut : 0.00
Volume Fill: 73



Area Cut : 0.00
Area Fill: 101

Volume Cut : 0.00
Volume Fill: 170

FULL S.E. STA. 11+94.07
-2.10% LT. & 2.10% RT.



Area Cut : 0.00
Area Fill: 82

Volume Cut : 0.00
Volume Fill: 86

WALDON ROAD

STA.11+50 TO STA.12+39

4/30/2014 11:42:42 AM
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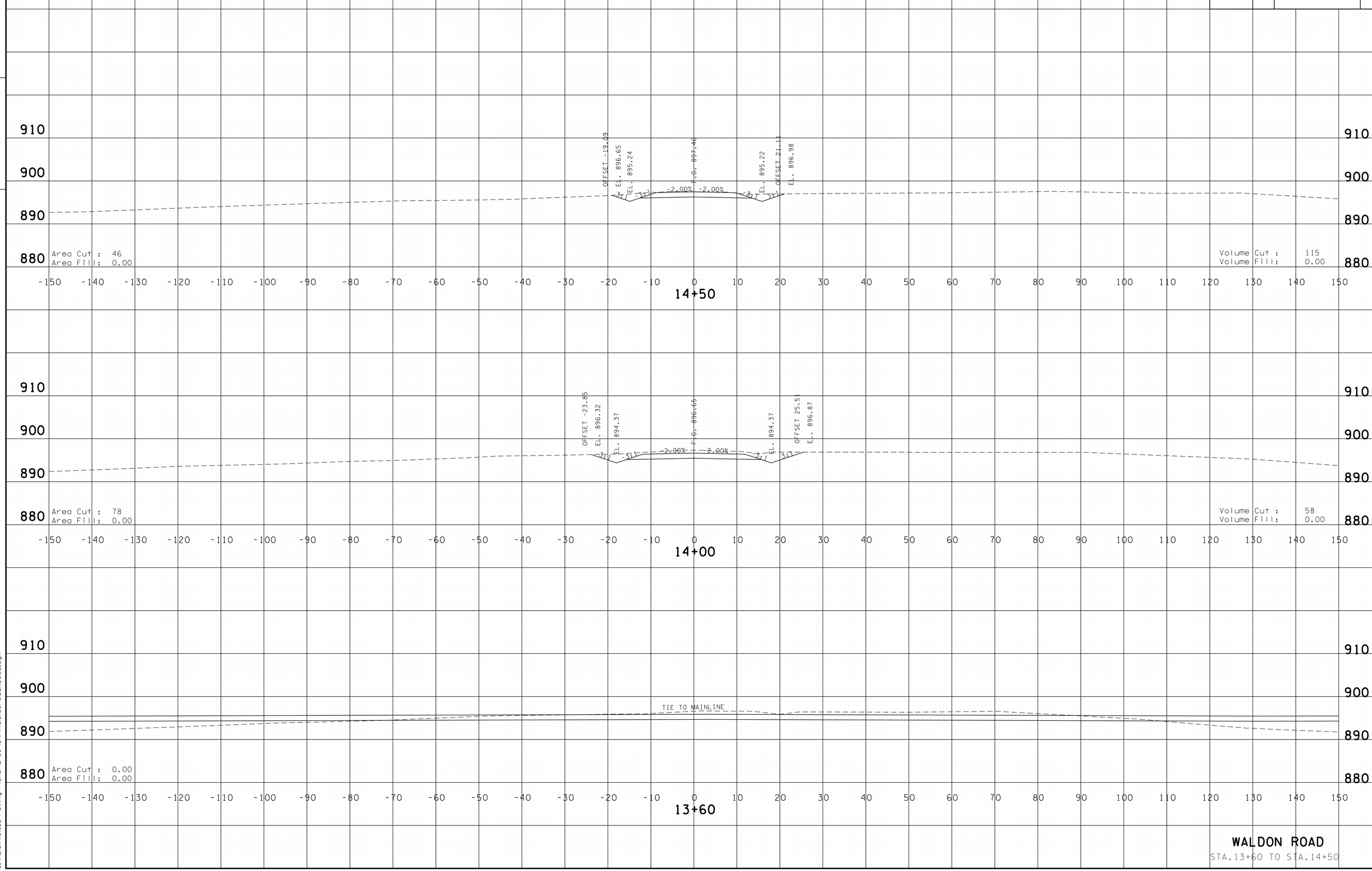
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	481

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



WALDON ROAD

STA.13+60 TO STA.14+50

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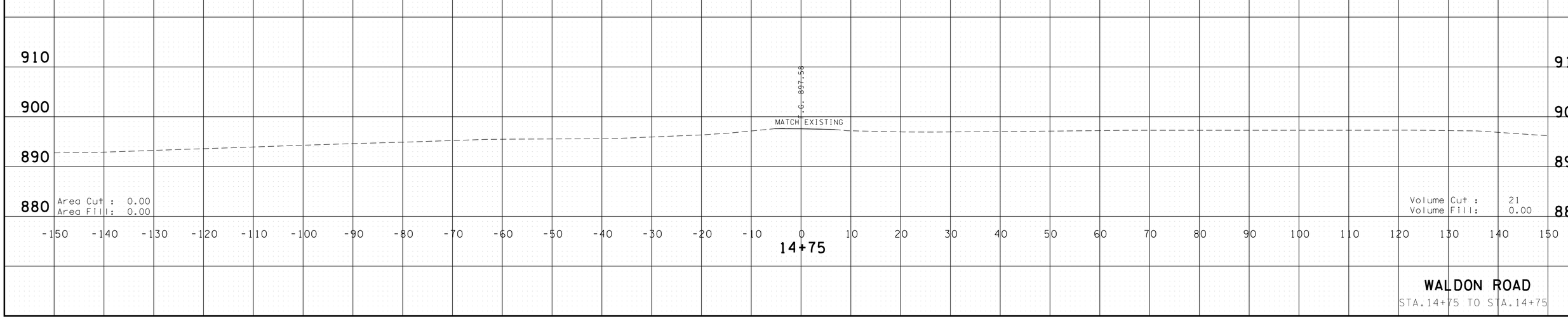
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	482

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



WALDON ROAD

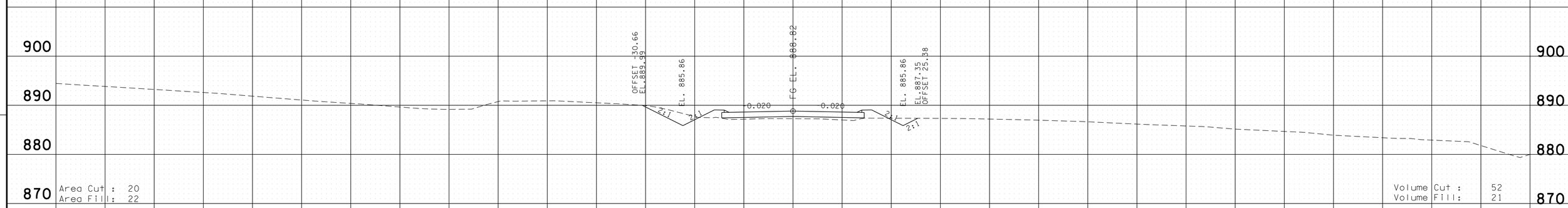
STA.14+75 TO STA.14+75

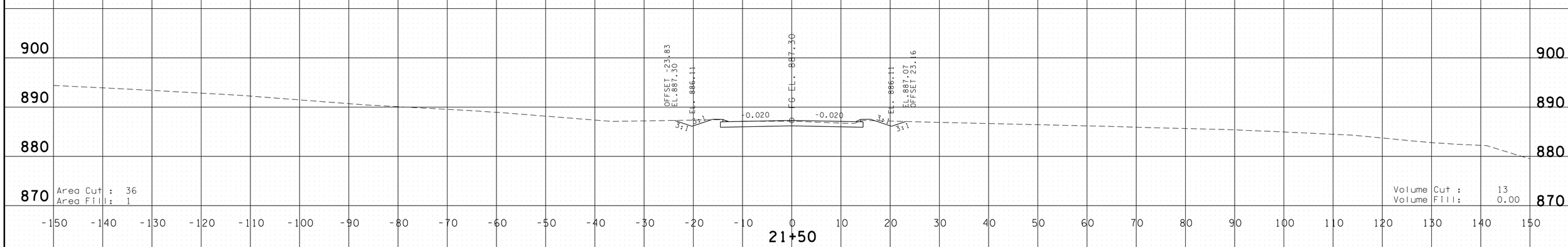
4/30/2014 11:42:46 AM
G:\HDIQIL\0IL03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

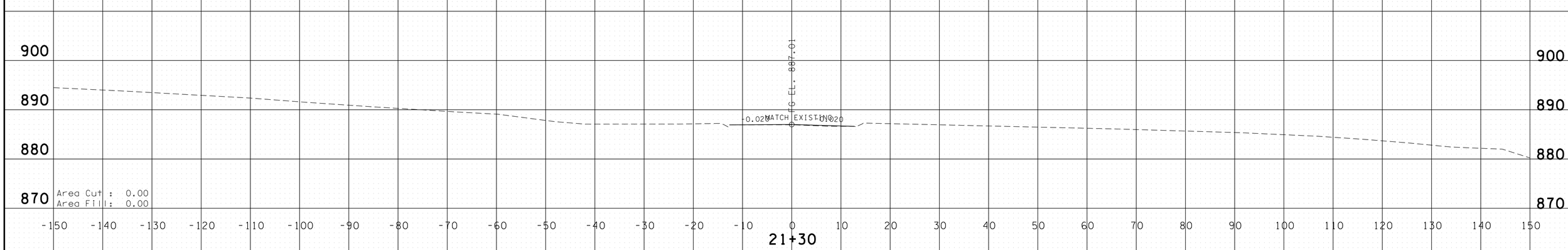
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	483

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.







ANN ROAD

STA.21+30 TO STA.22+00

4/30/2014 11:42:48 AM
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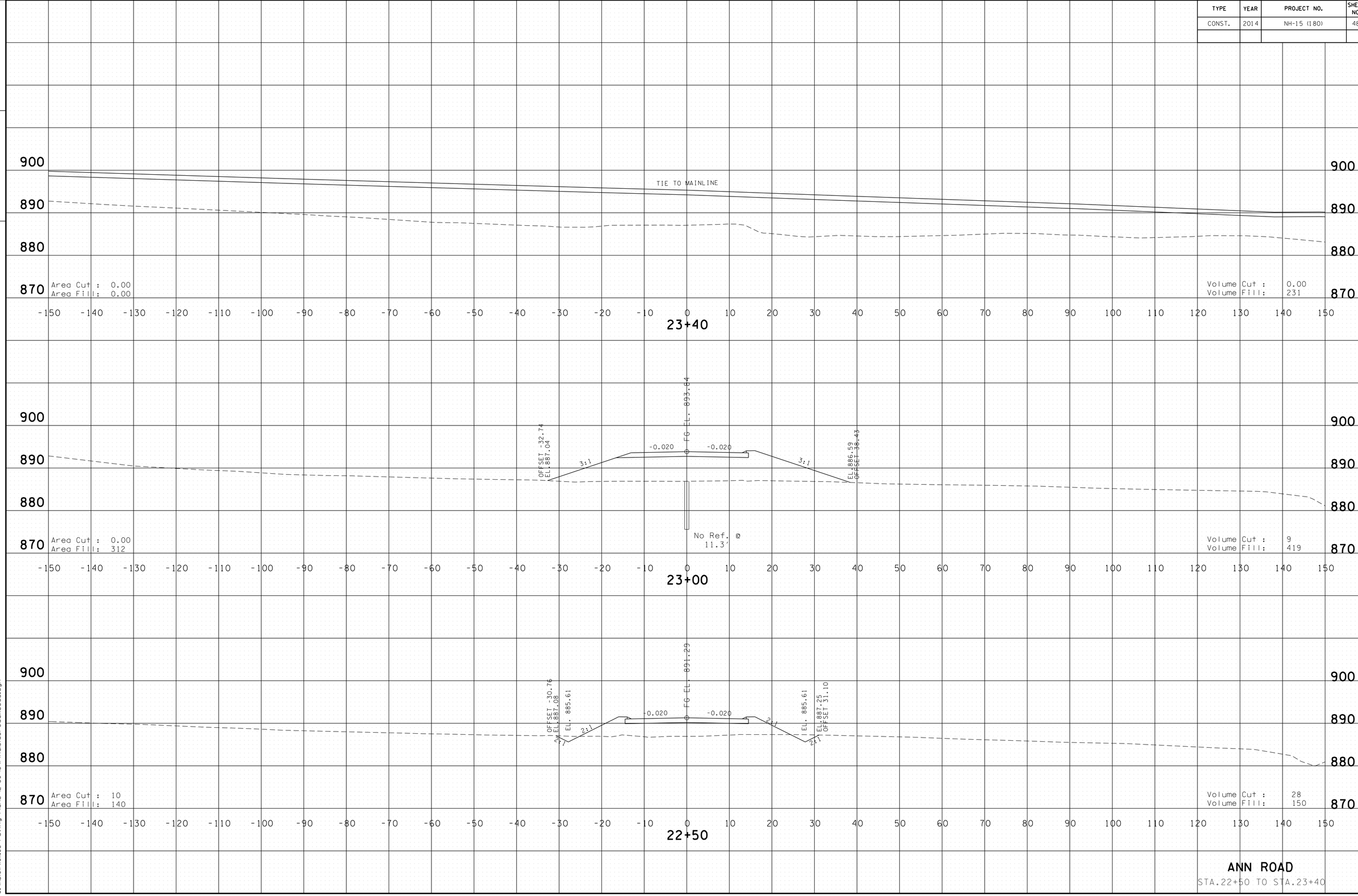
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	484

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ANN ROAD

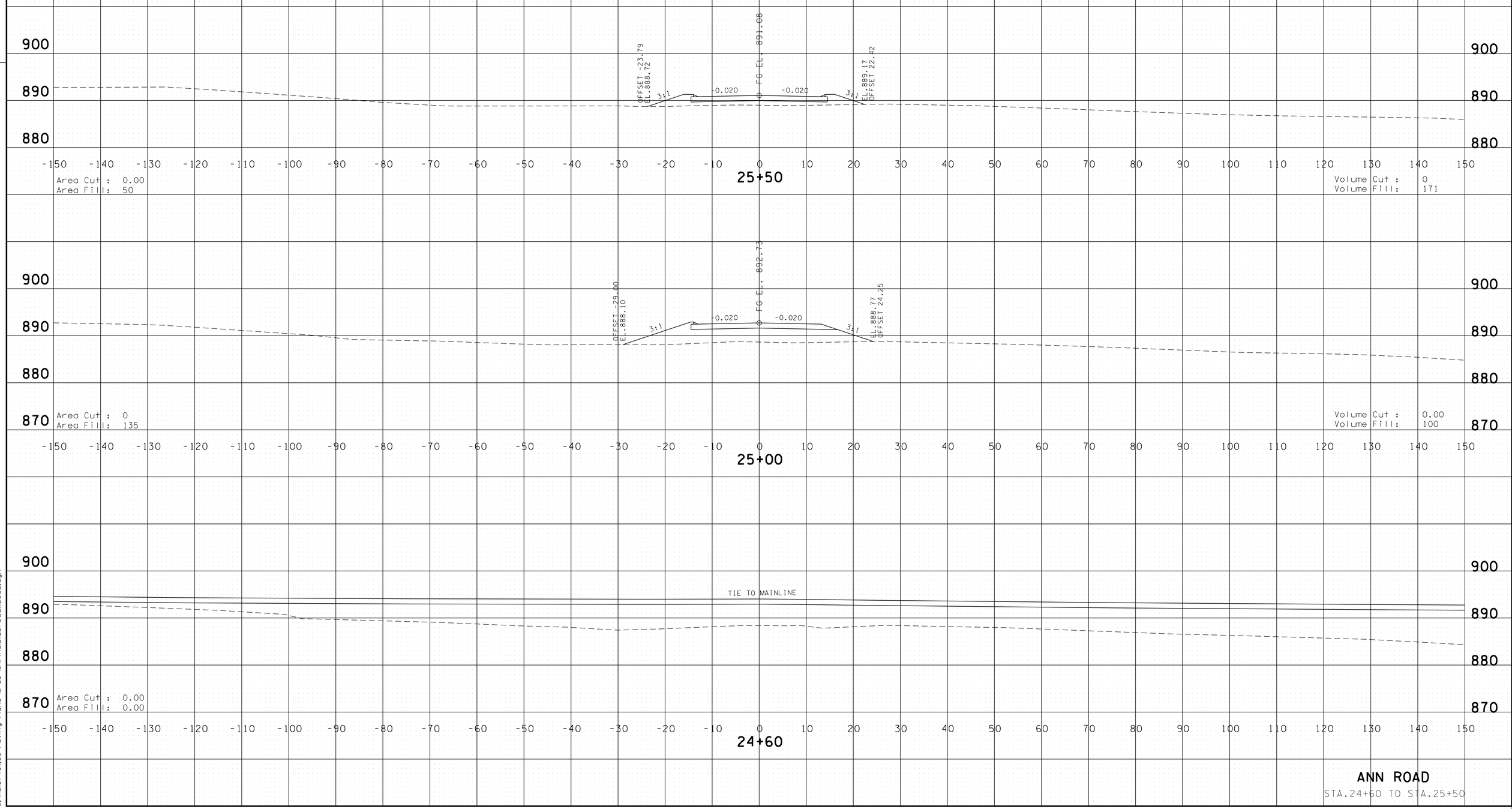
STA.22+50 TO STA.23+40

4/30/2014 11:42:50 AM
G:\HDIOI\IOI.03 Paving Plans 12-30-13\FinalSiderodxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	485

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



ANN ROAD

STA.24+60 TO STA.25+50

4/30/2014 11:42:52 AM
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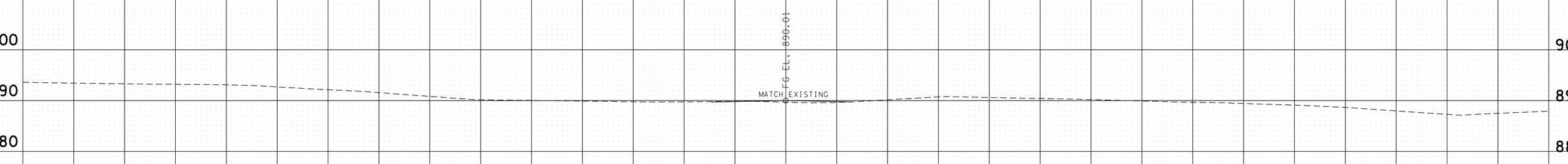
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	486

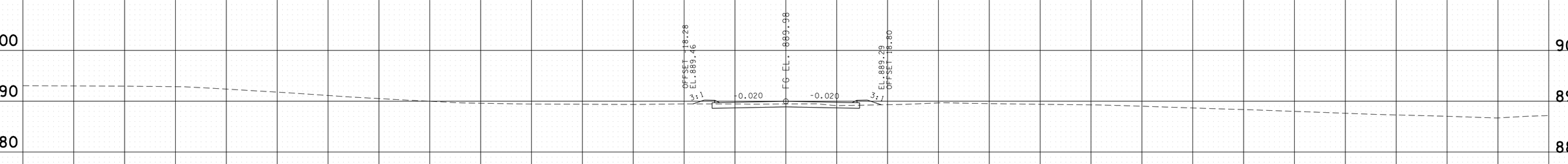
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



Area Cut : 0.00
Area Fill: 0.00

Volume Cut : 18
Volume Fill: 6



Area Cut : 19
Area Fill: 6

Volume Cut : 18
Volume Fill: 52

ANN ROAD

STA.26+00 TO STA.26+50

4/30/2014 11:42:54 AM
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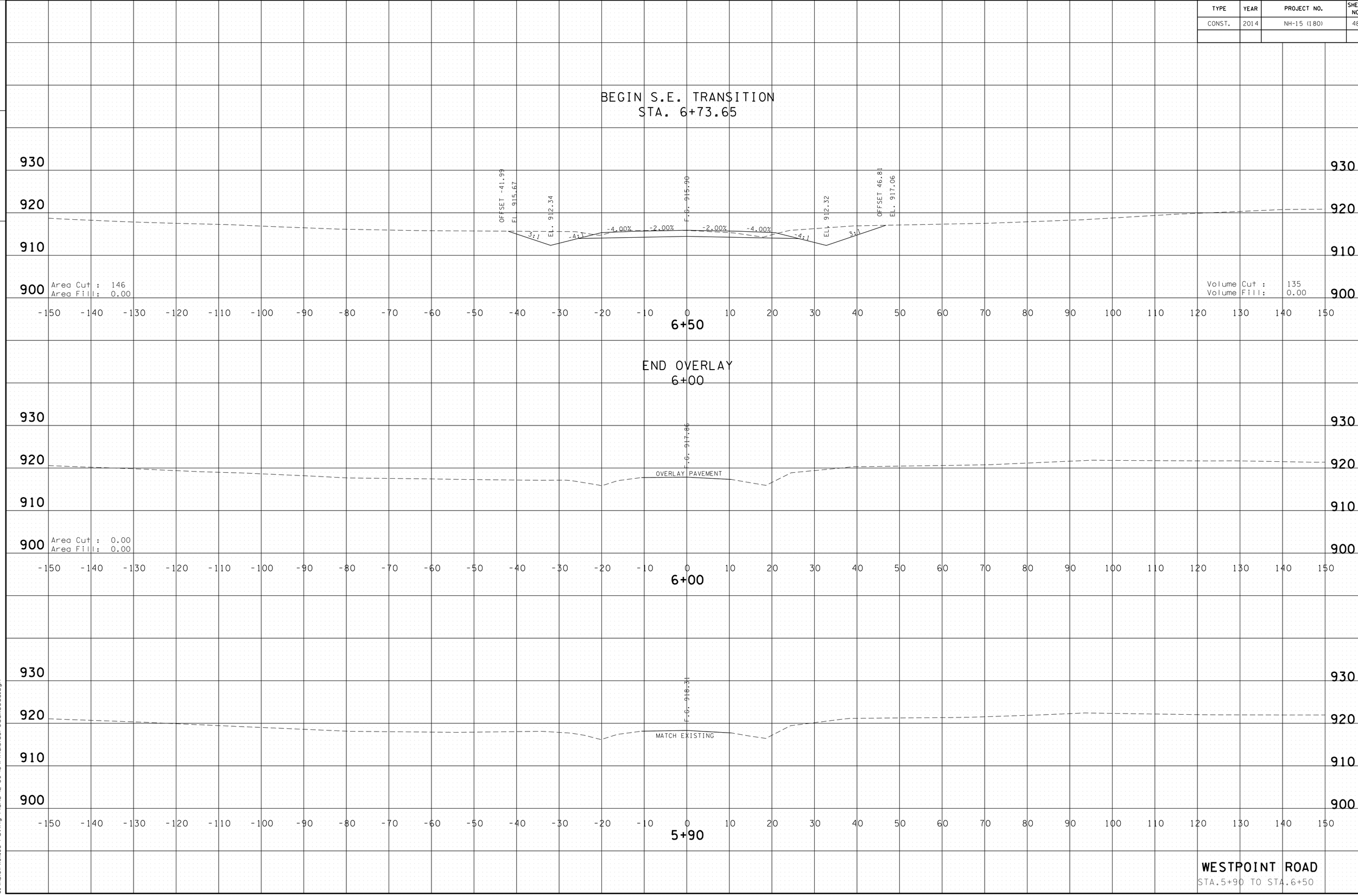
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	487

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



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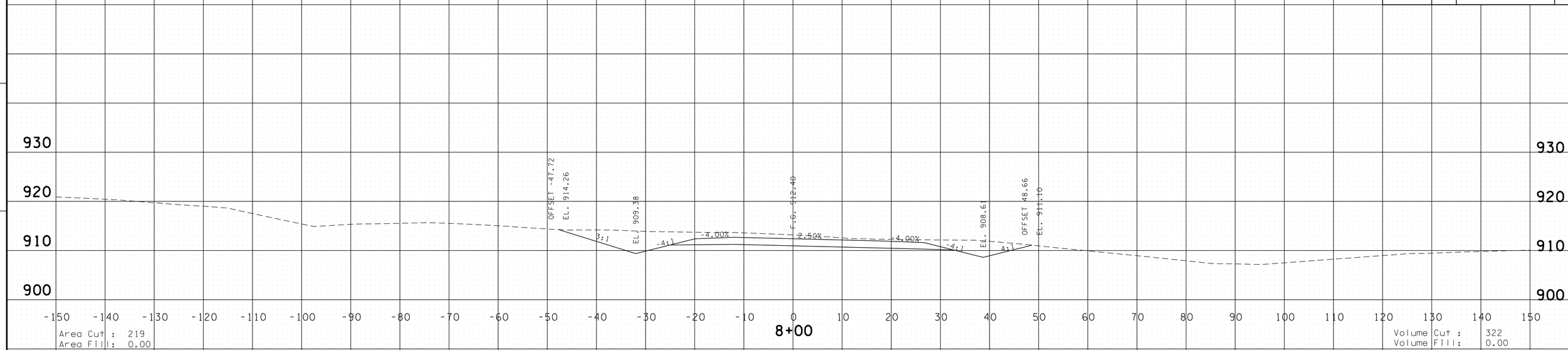
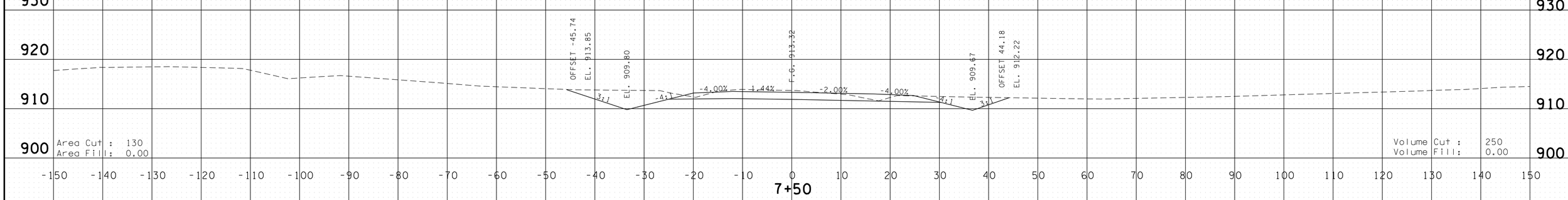
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	488

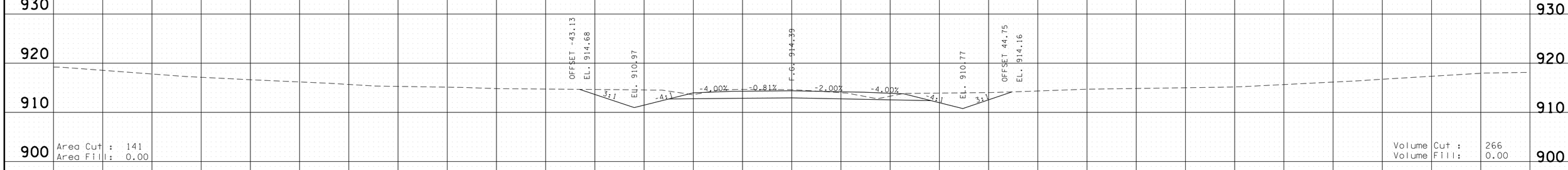
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 7+73.65
2.50% LT. & -2.50% RT.





WESTPOINT ROAD
STA.7+00 TO STA.8+00

4/30/2014 11:42:58 AM
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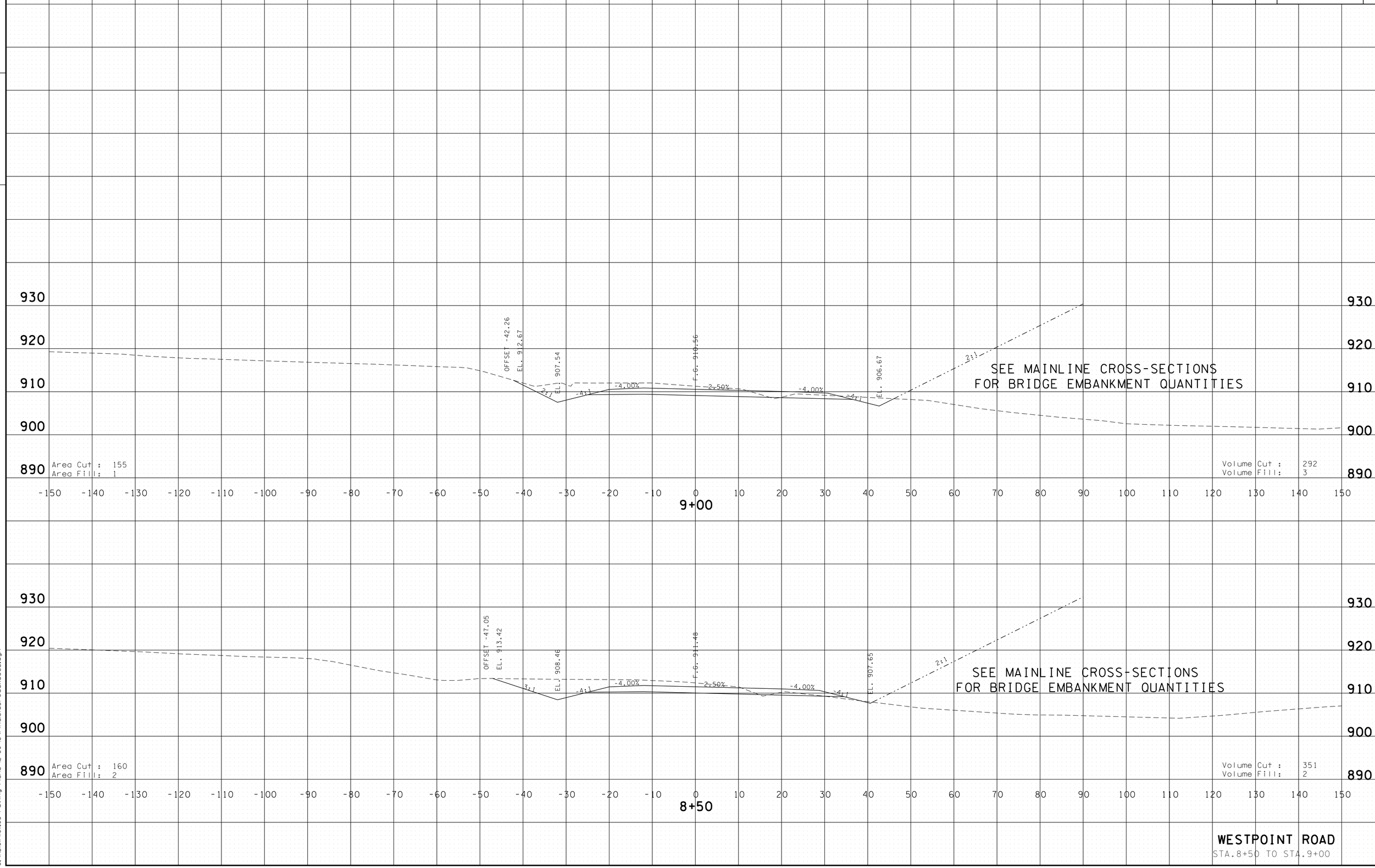
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	489

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



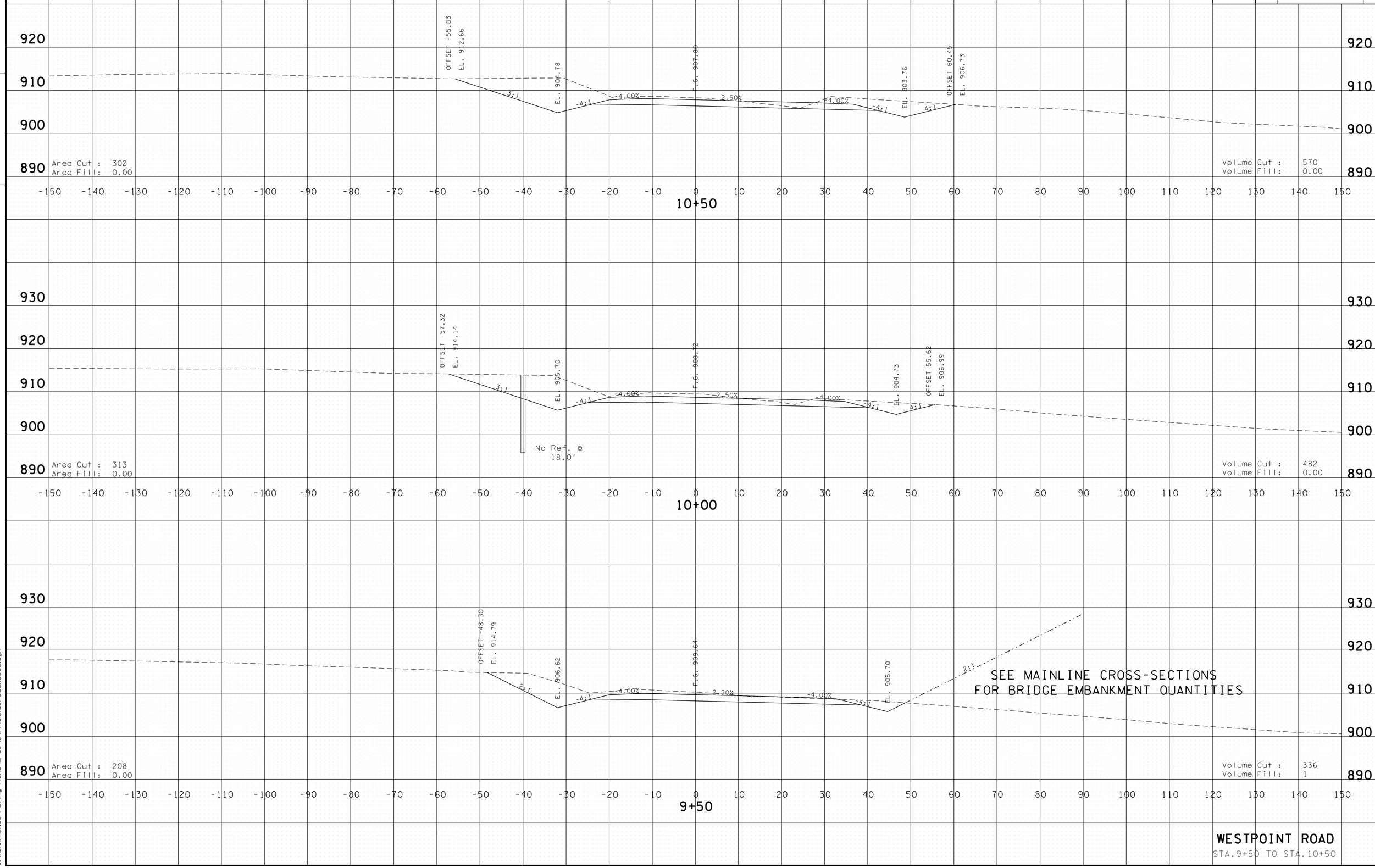
WESTPOINT ROAD
STA.8+50 TO STA.9+00

4/30/2014 11:43:01 AM
G:\HD\01\10\11.03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	490

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



WESTPOINT ROAD

STA.9+50 TO STA.10+50

4/30/2014 11:43:03 AM
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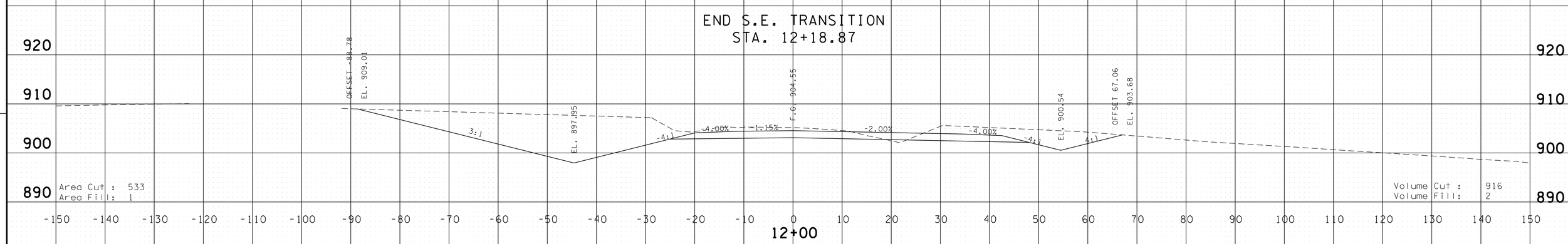
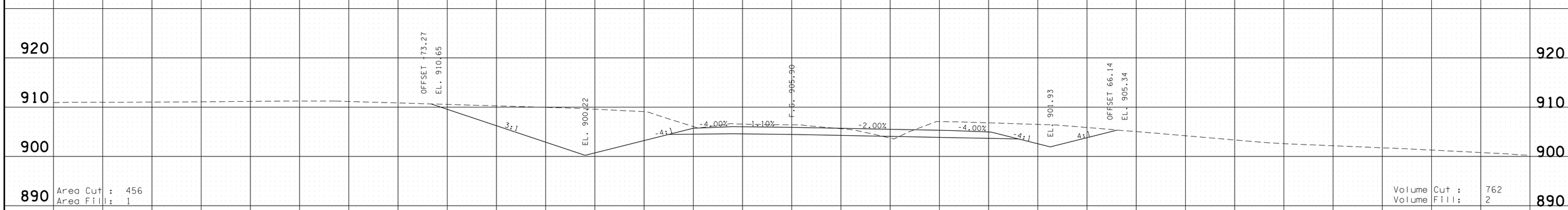
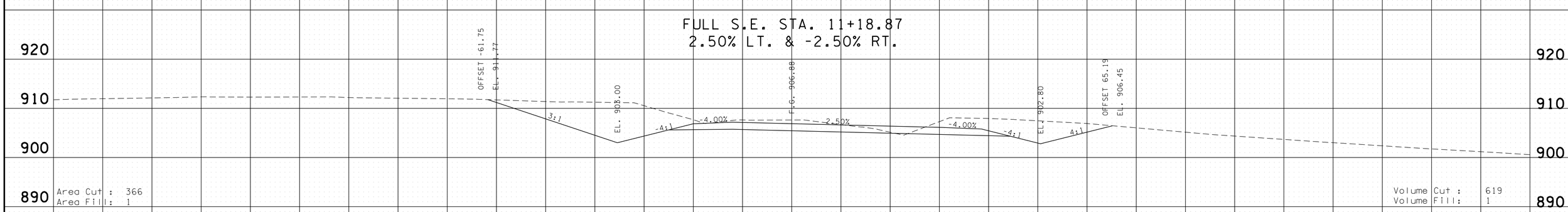
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	491

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







WESTPOINT ROAD
STA.11+00 TO STA.12+00

4/30/2014 11:43:05 AM
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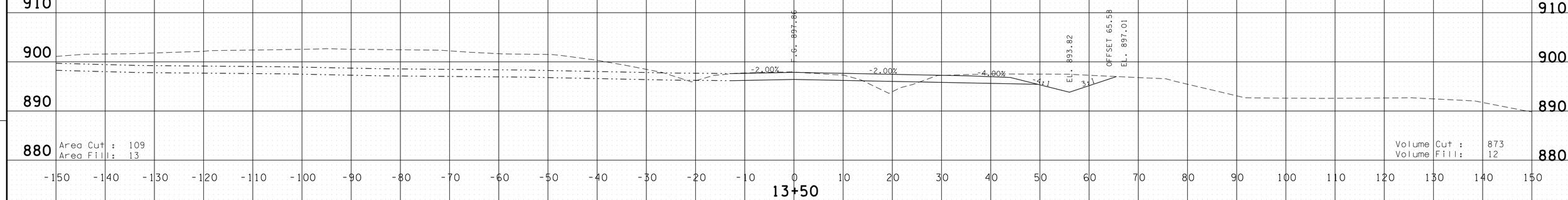
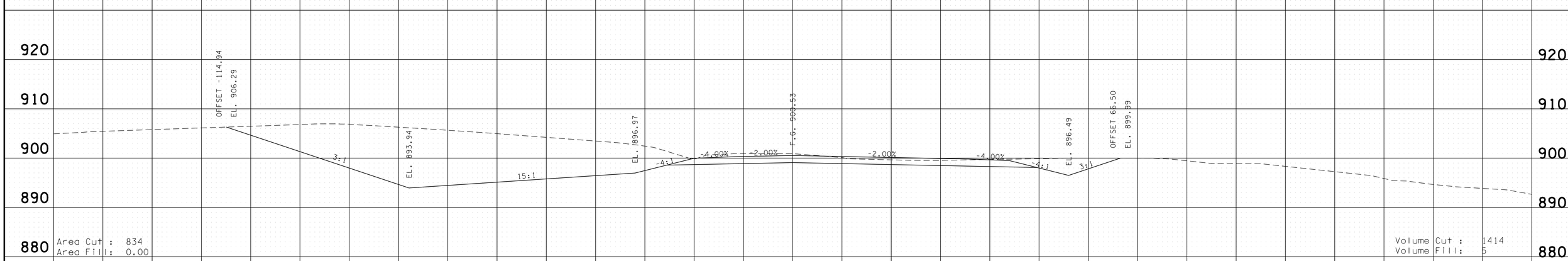
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	492

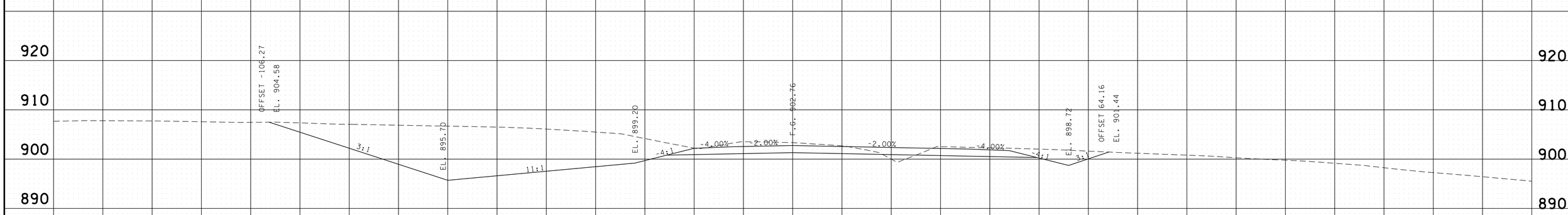
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

SEE WESTPOINT RD CONNECTOR
CROSS-SECTIONS FOR QUANTITIES







WESTPOINT ROAD

STA.12+50 TO STA.13+50

4/30/2014 11:43:07 AM
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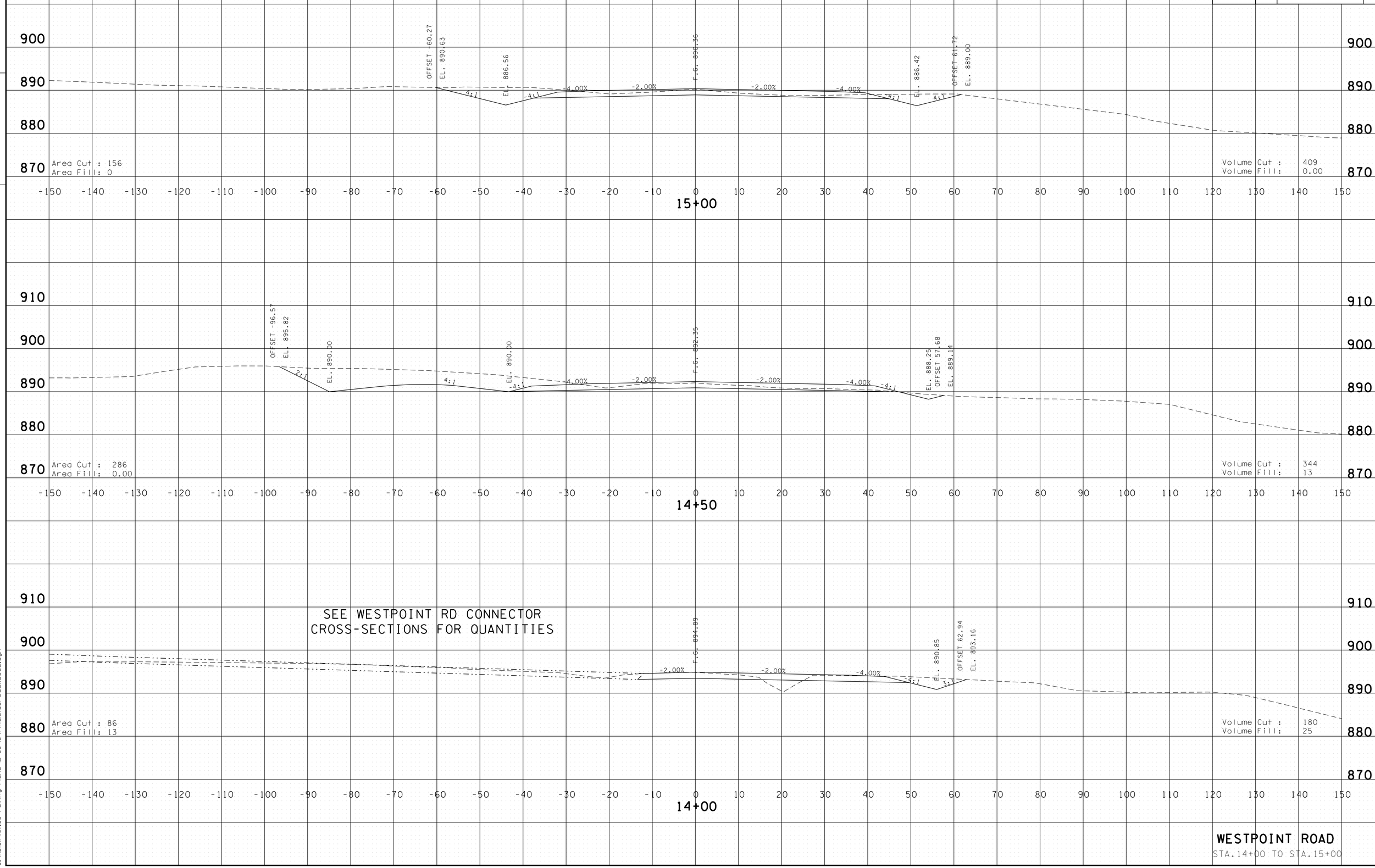
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	493

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



WESTPOINT ROAD

STA.14+00 TO STA.15+00

4/30/2014 11:43:09 AM
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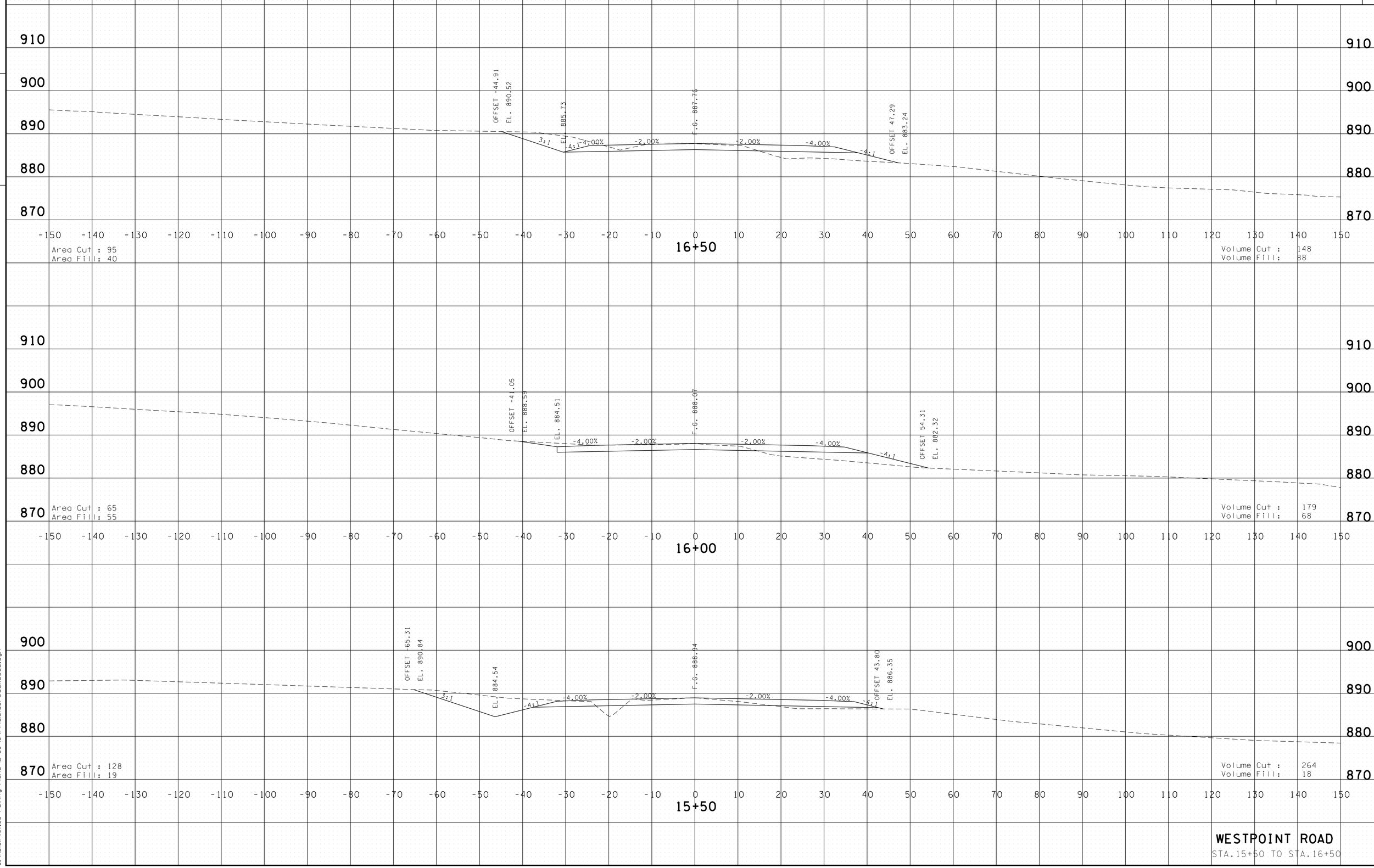
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	494

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



WESTPOINT ROAD

STA.15+50 TO STA.16+50

4/30/2014 11:43:11 AM
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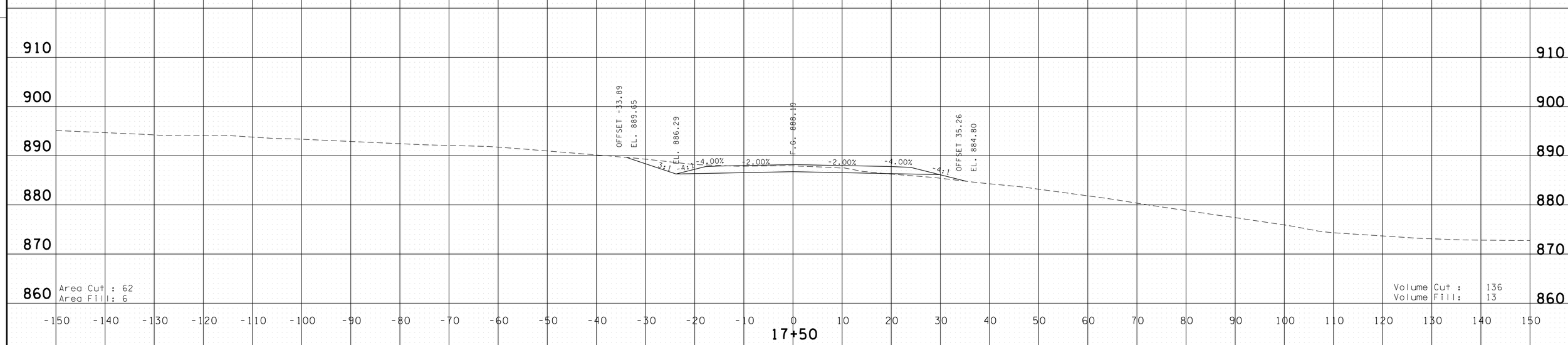
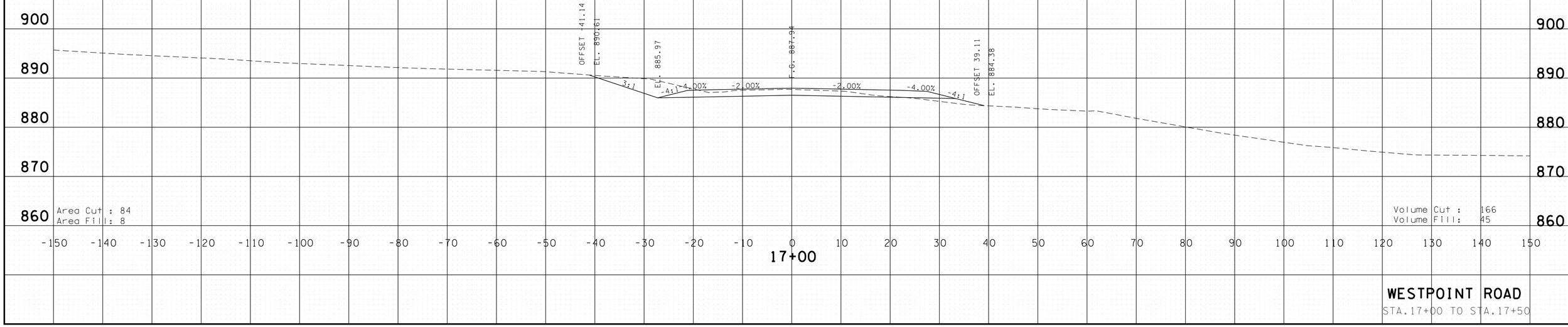
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	495

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





WESTPOINT ROAD

STA.17+00 TO STA.17+50

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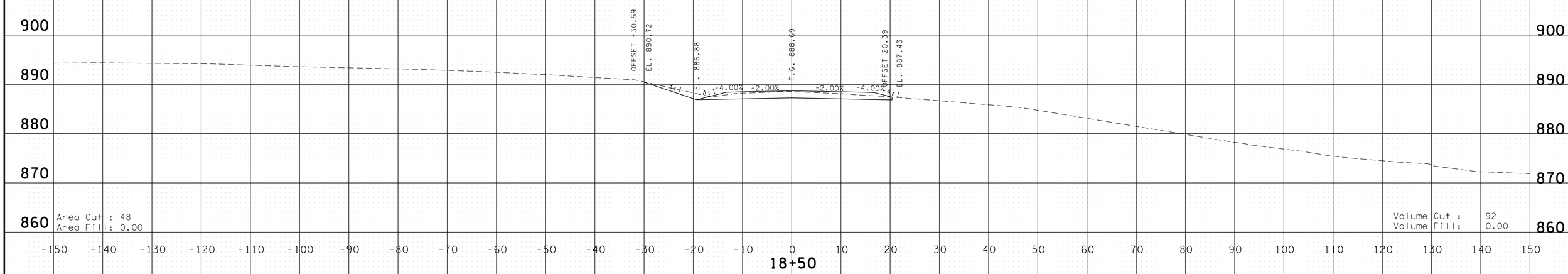
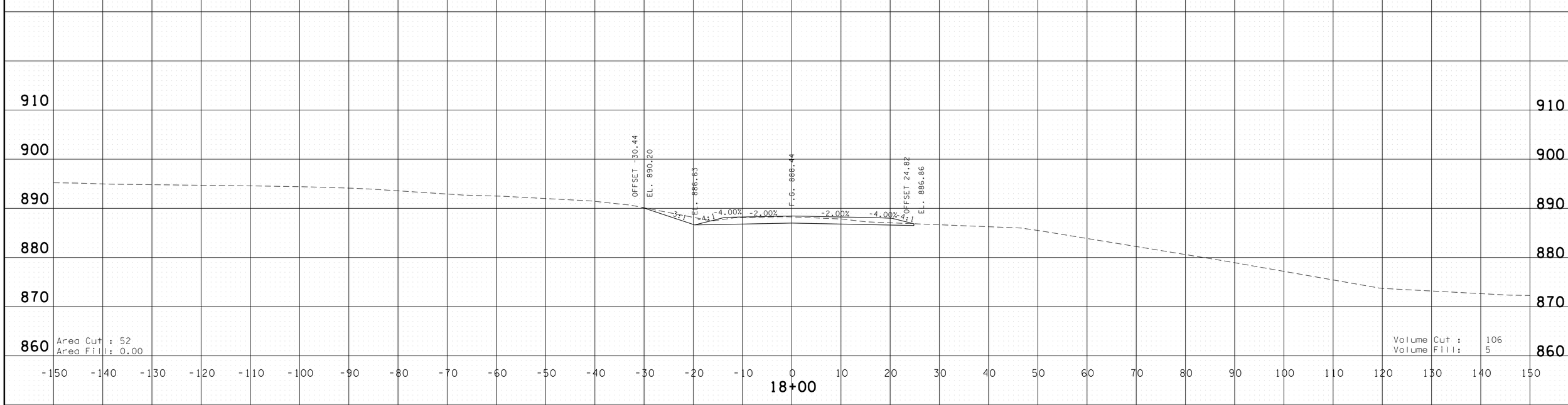
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	496

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





WESTPOINT ROAD

STA.18+00 TO STA.18+50

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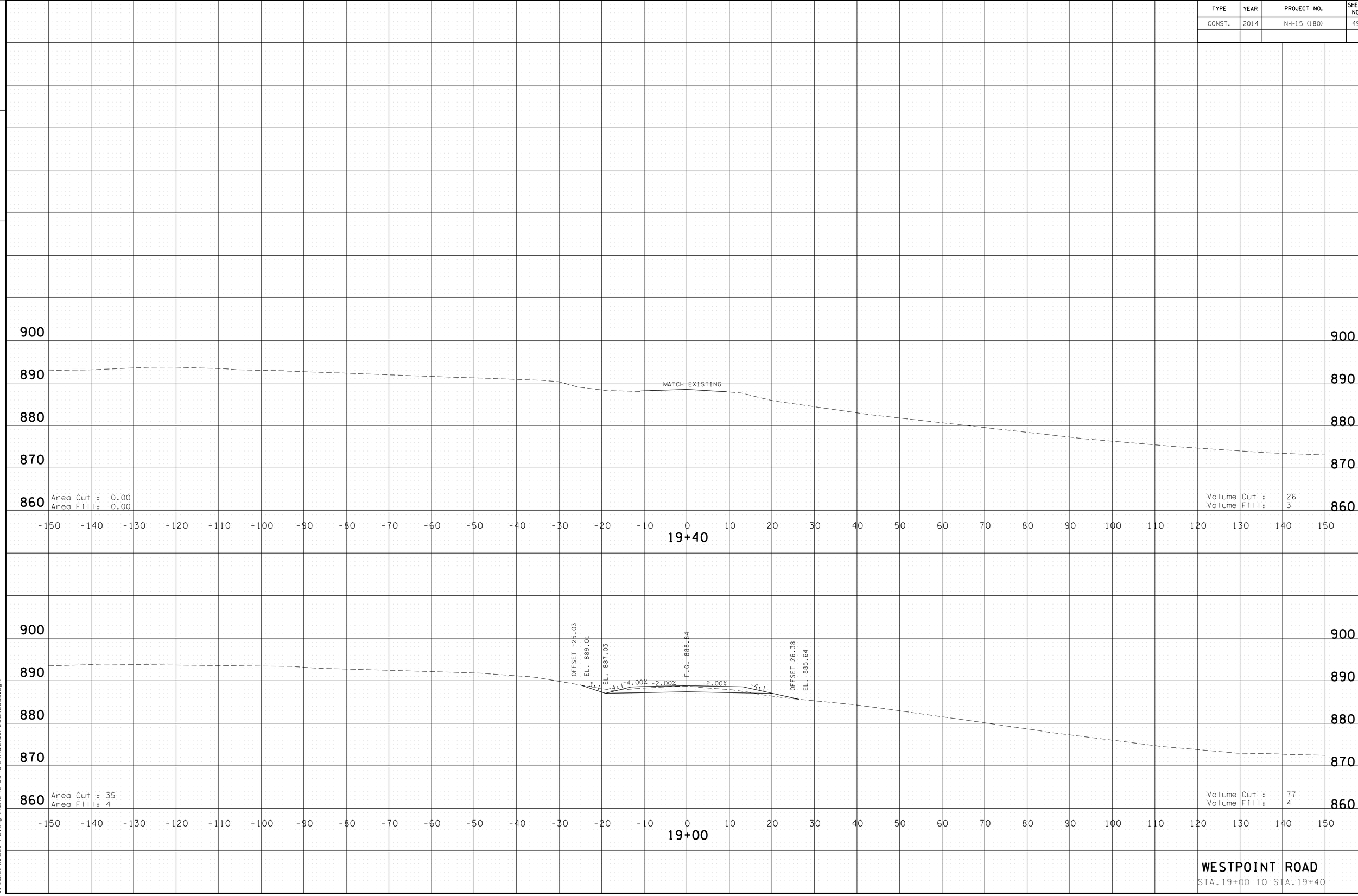
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	497

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



WESTPOINT ROAD

STA.19+00 TO STA.19+40

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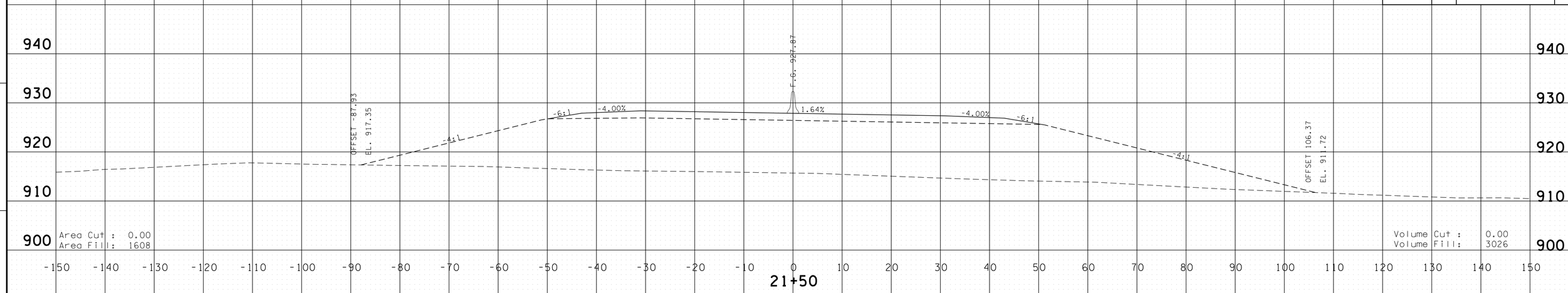
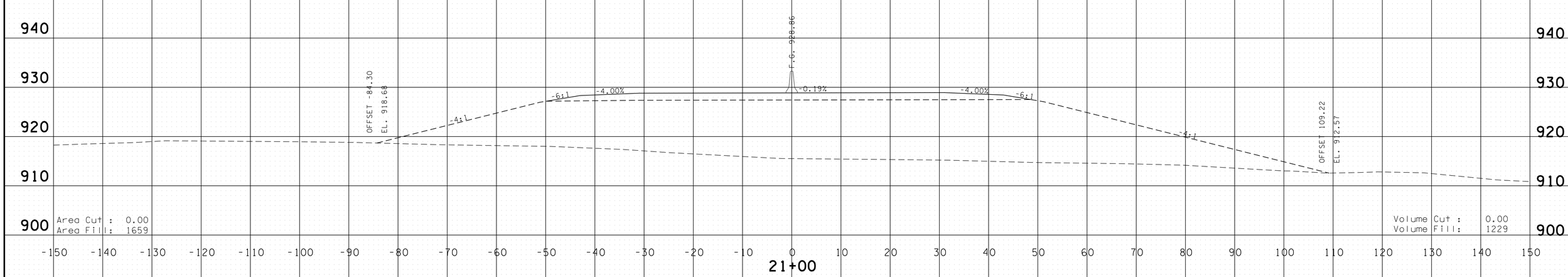
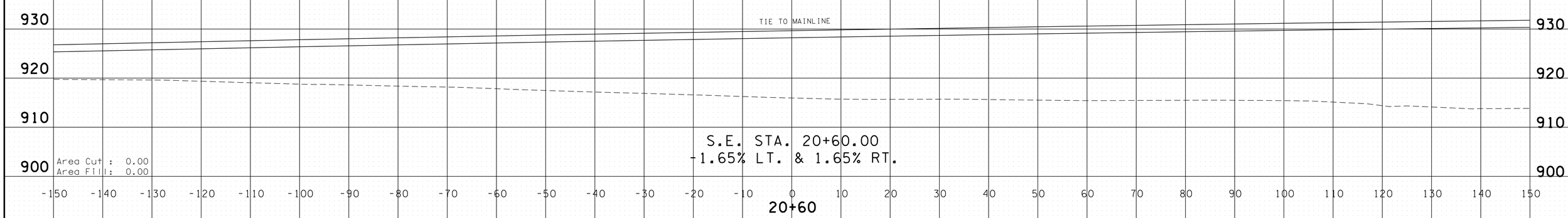
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	498

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

WESTPOINT ROAD CONNECTOR
STA.20+60 TO STA.21+50

4/30/2014 11:43:20 AM
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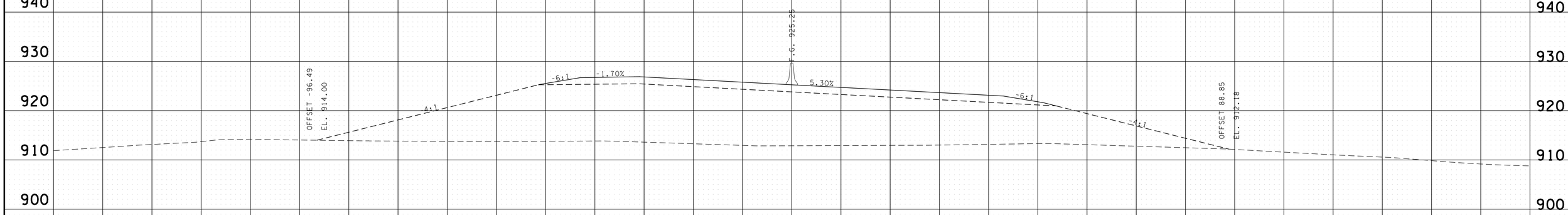
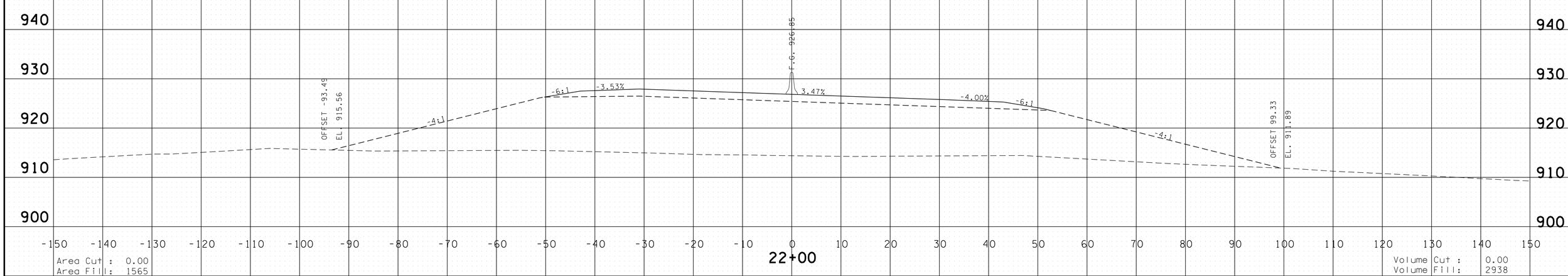
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	499

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

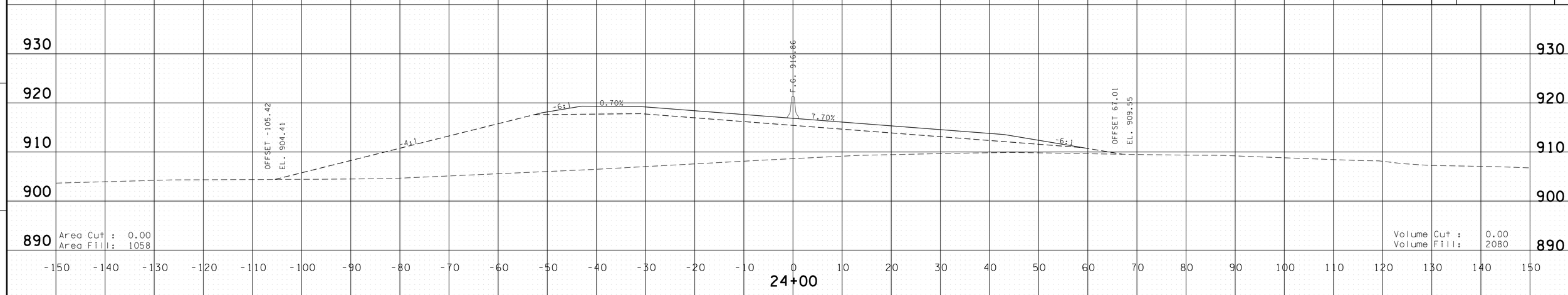
WESTPOINT ROAD CONNECTOR
STA.22+00 TO STA.22+50

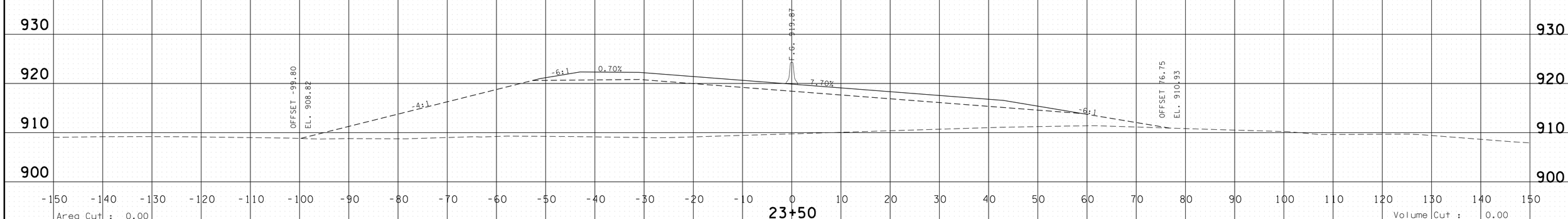
4/30/2014 11:43:22 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	500

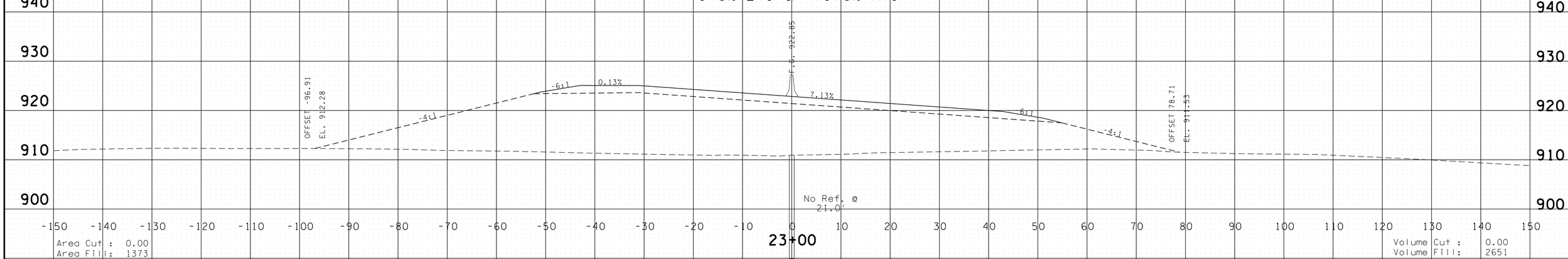
FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





FULL S.E. STA. 23+15.44
7.70% LT. & -7.70% RT.



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

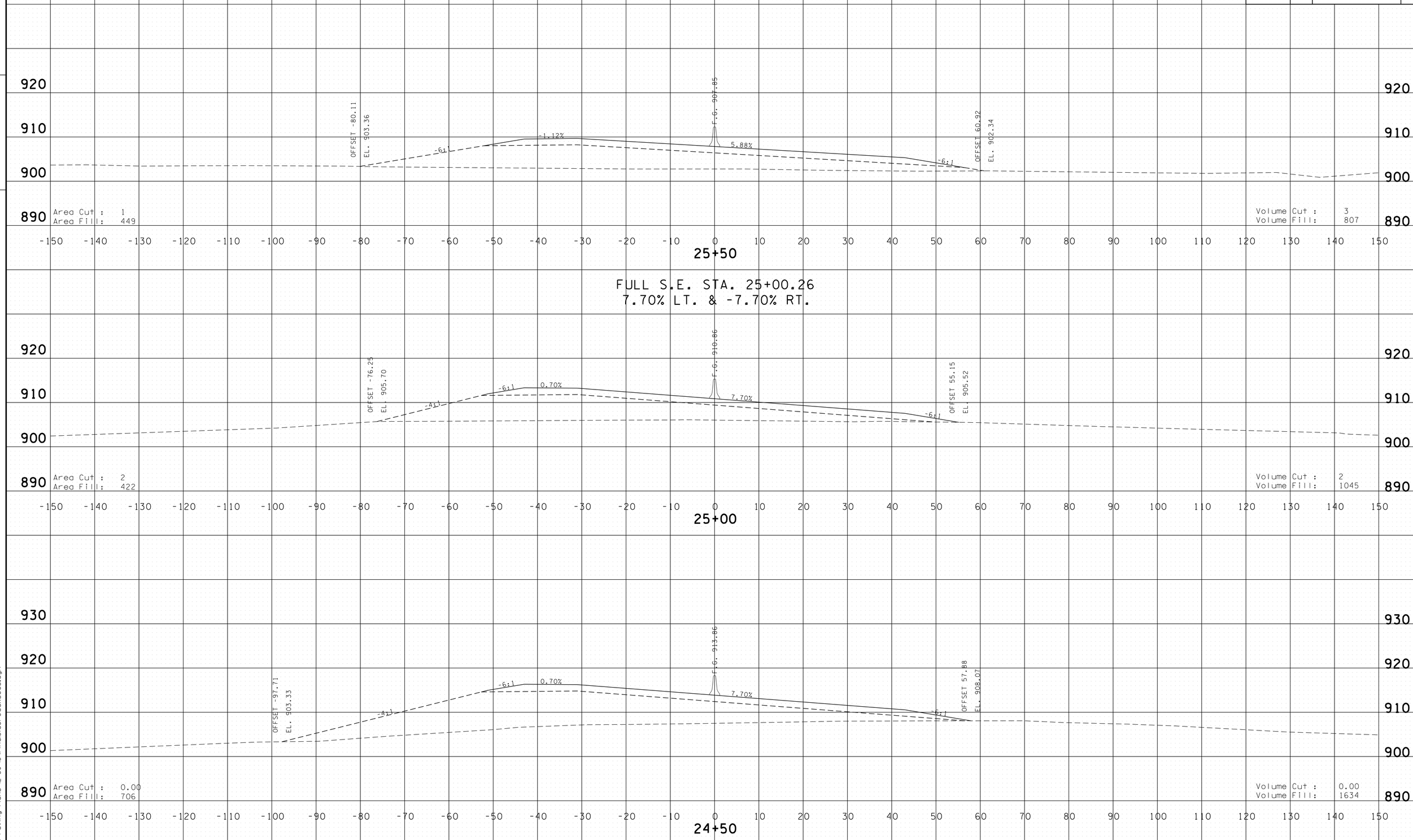
WESTPOINT ROAD CONNECTOR
STA.23+00 TO STA.24+00

4/30/2014 11:43:24 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	501

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

WESTPOINT ROAD CONNECTOR
STA.24+50 TO STA.25+50

4/30/2014 11:43:26 AM
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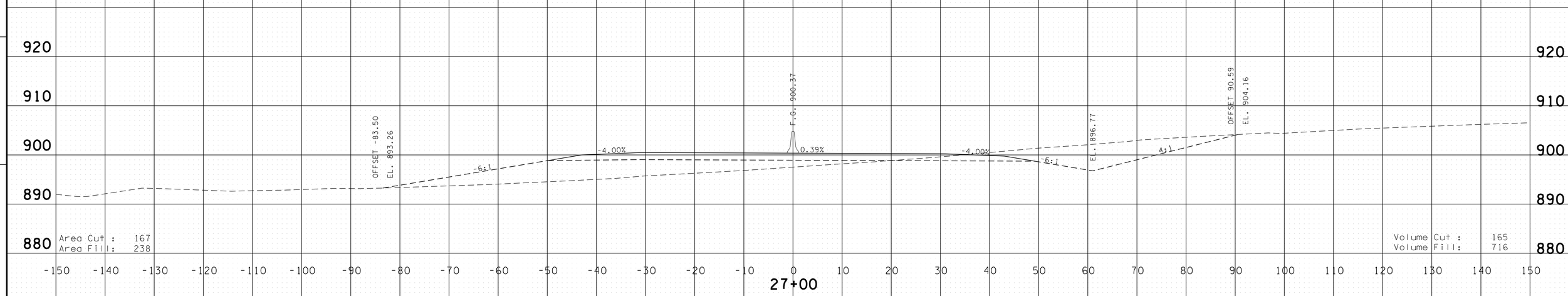
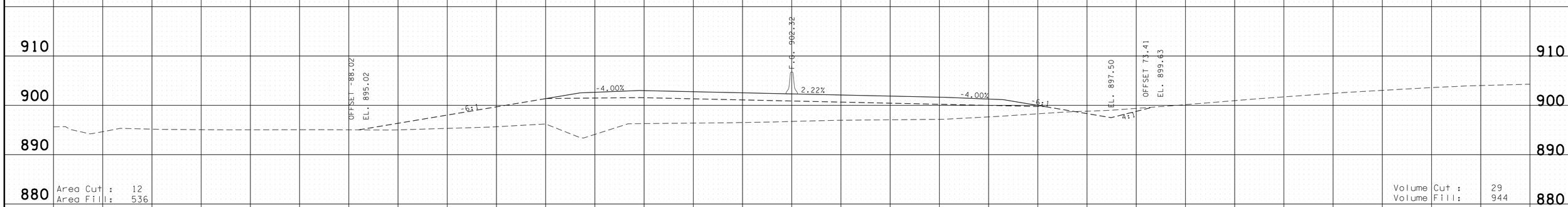
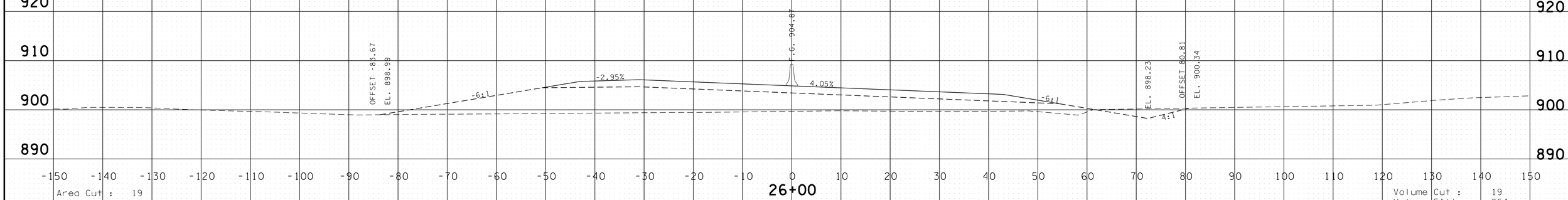
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	502

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

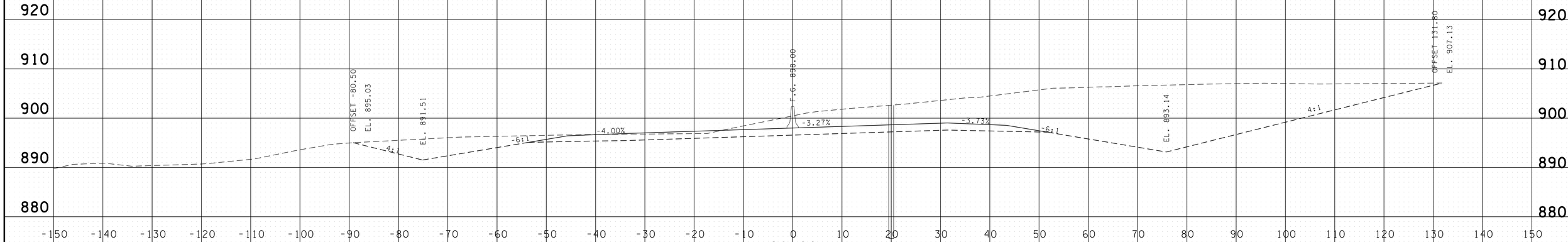
WESTPOINT ROAD CONNECTOR
STA.26+00 TO STA.27+00

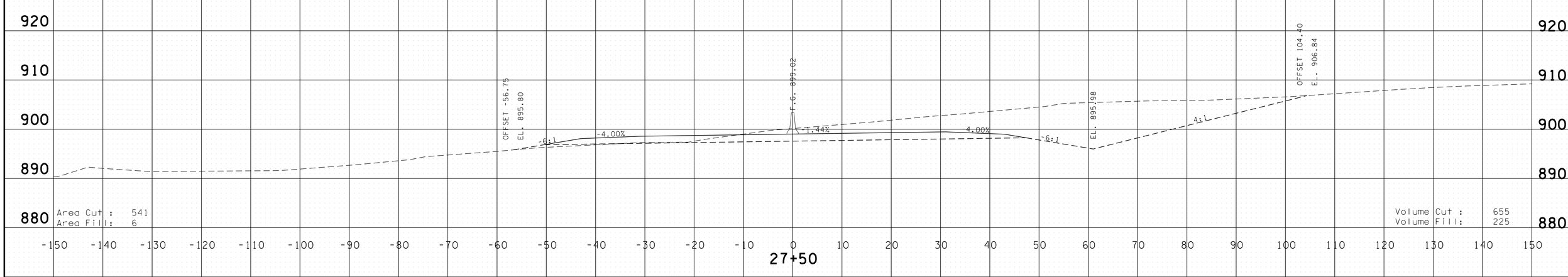
4/30/2014 11:43:29 AM
G:\HD\DIN\DIL03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	503

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

WESTPOINT ROAD CONNECTOR
STA.27+50 TO STA.28+00

4/30/2014 11:43:31 AM
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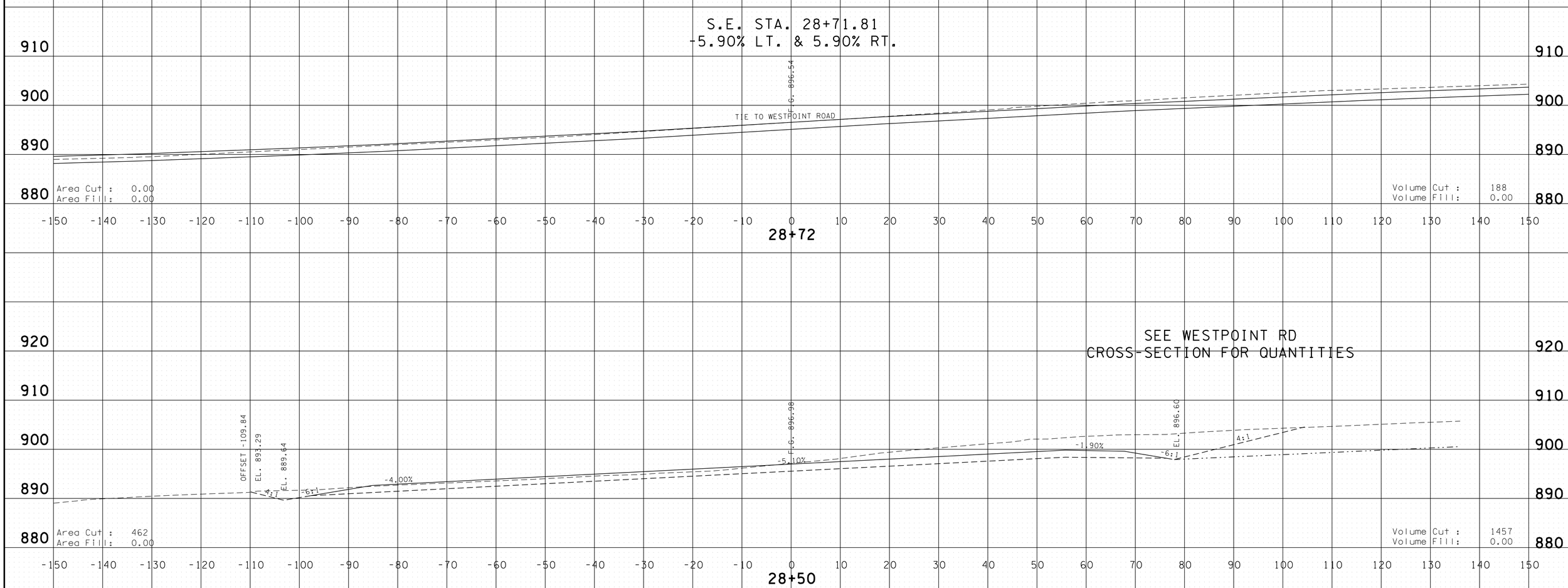
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	504

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



PROVIDED FOR FINISHED GRADE ELEVATIONS
OF PAVEMENT AND SUBGRADE

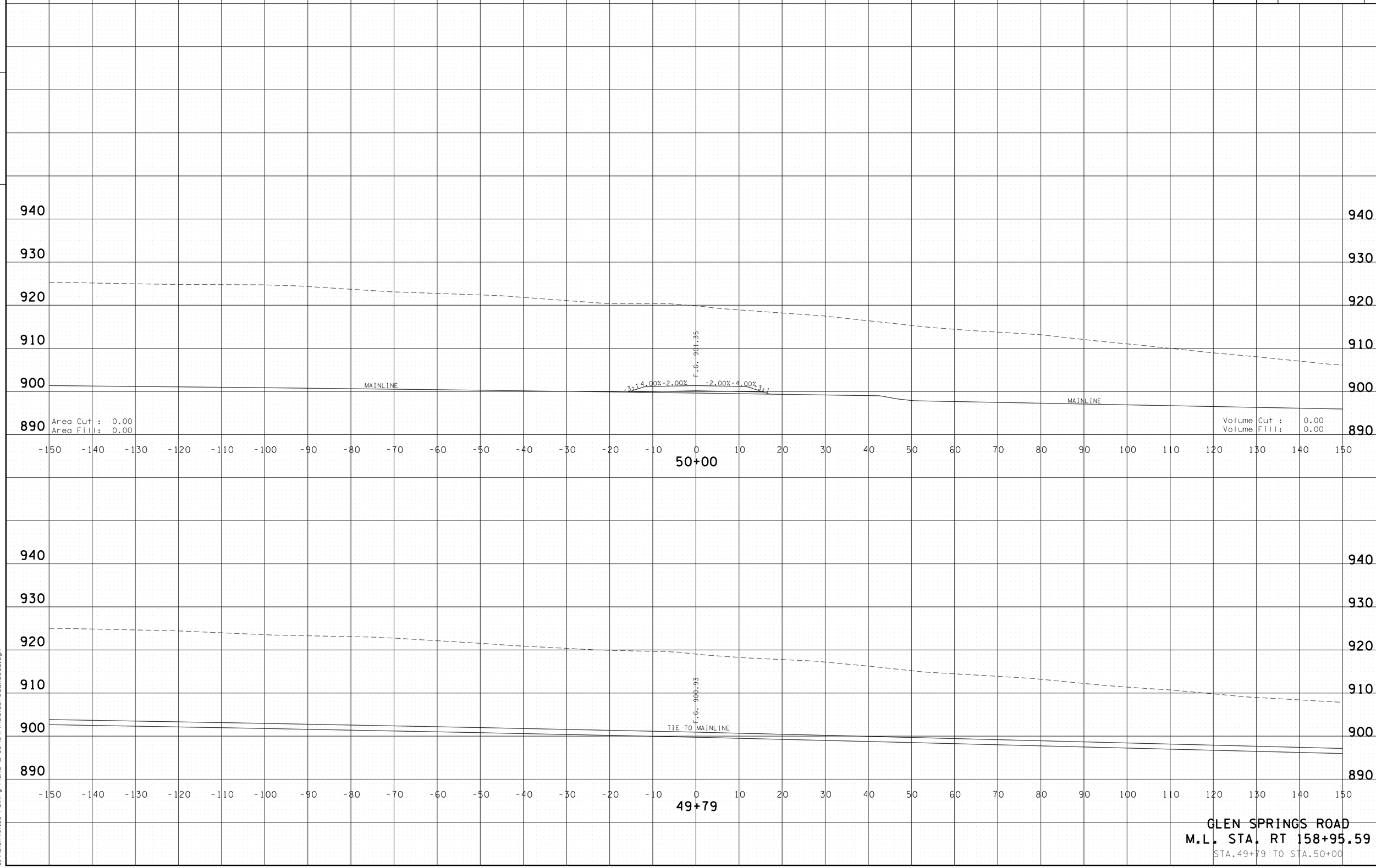
WESTPOINT ROAD CONNECTOR
STA.28+50 TO STA.28+72

4/30/2014 11:43:33 AM
G:\HDI0\IV10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	505

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



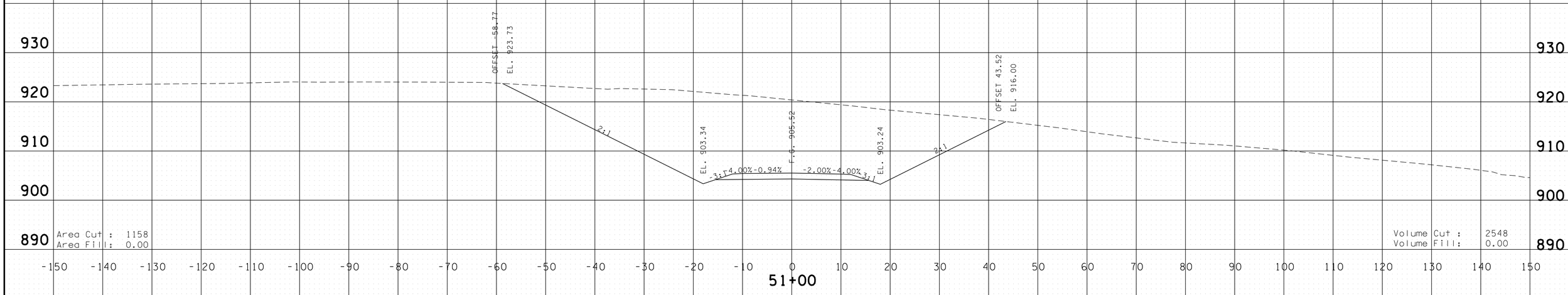
GLEN SPRINGS ROAD
M.L. STA. RT 158+95.59
STA.49+79 TO STA.50+00

4/30/2014 11:43:35 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

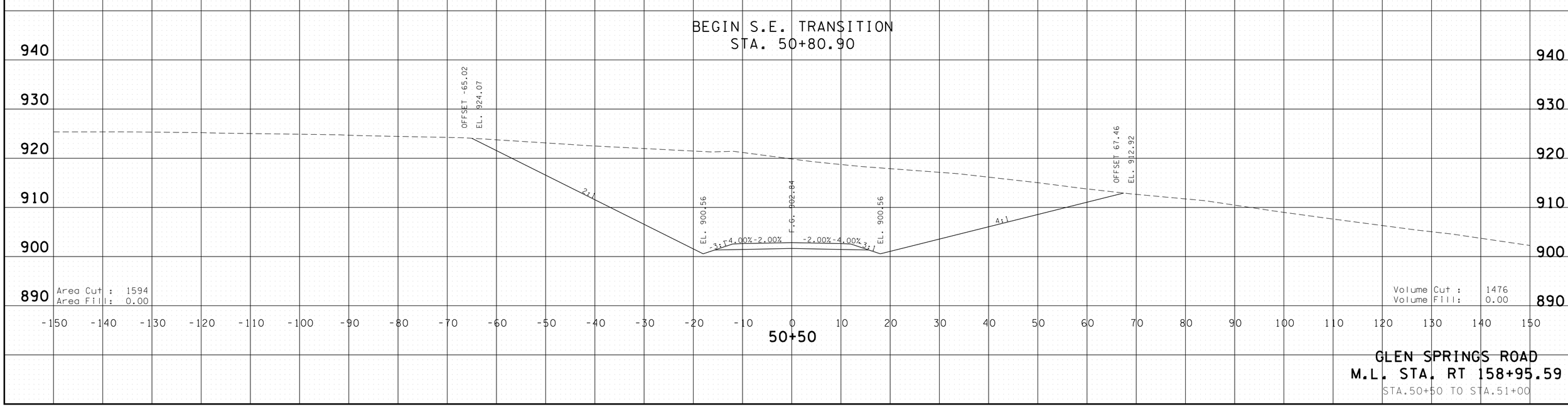
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	506

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



BEGIN S.E. TRANSITION
STA. 50+80.90



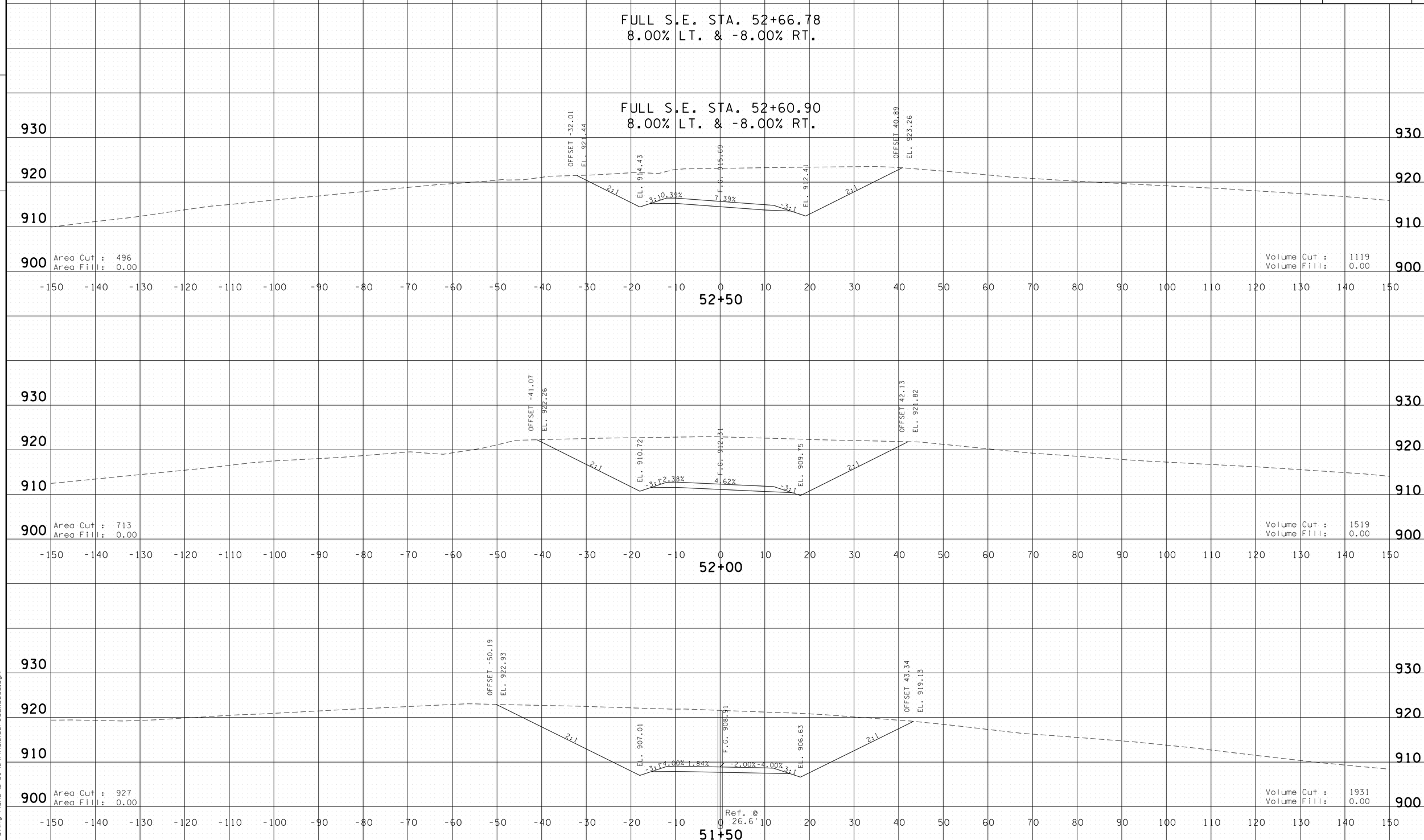
GLEN SPRINGS ROAD
M.L. STA. RT 158+95.59
STA.50+50 TO STA.51+00

4/30/2014 11:43:37 AM
G:\HDI01\0\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	507

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



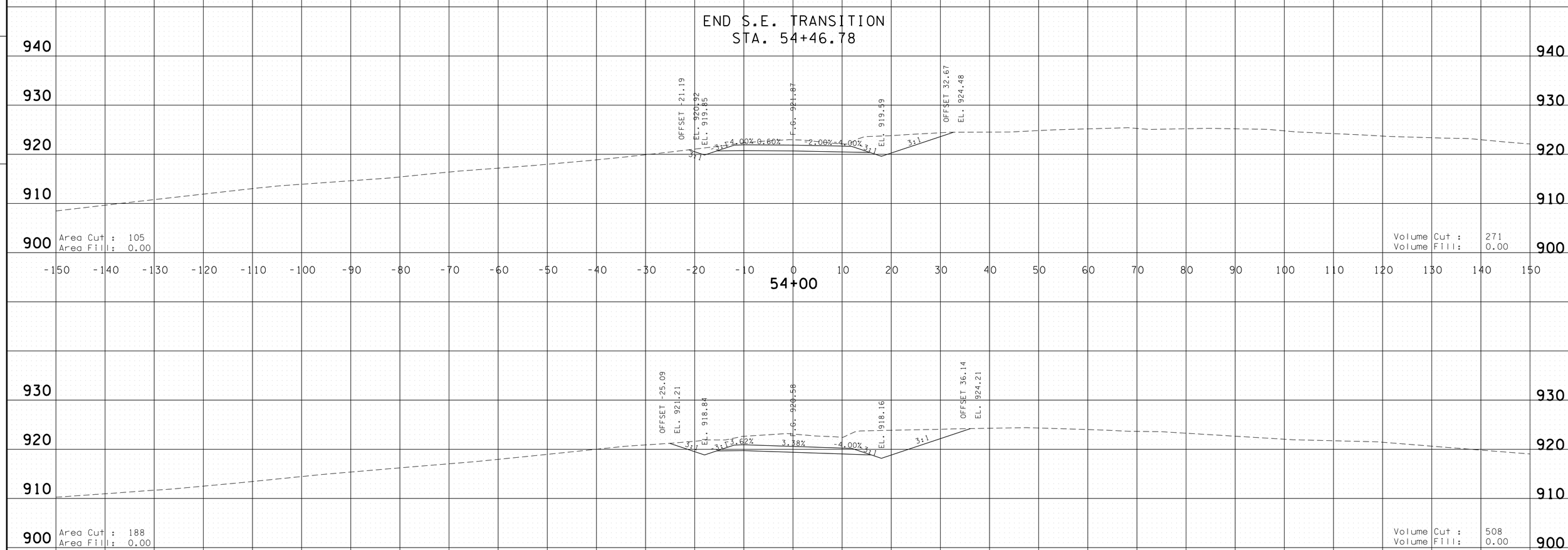
GLEN SPRINGS ROAD
M.L. STA. RT 158+95.59
STA.51+50 TO STA.52+50

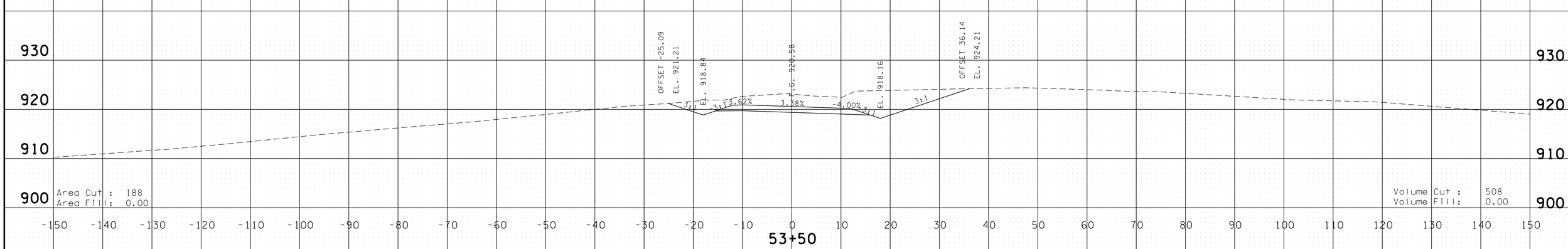
4/30/2014 11:43:39 AM
G:\HD\01\101L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

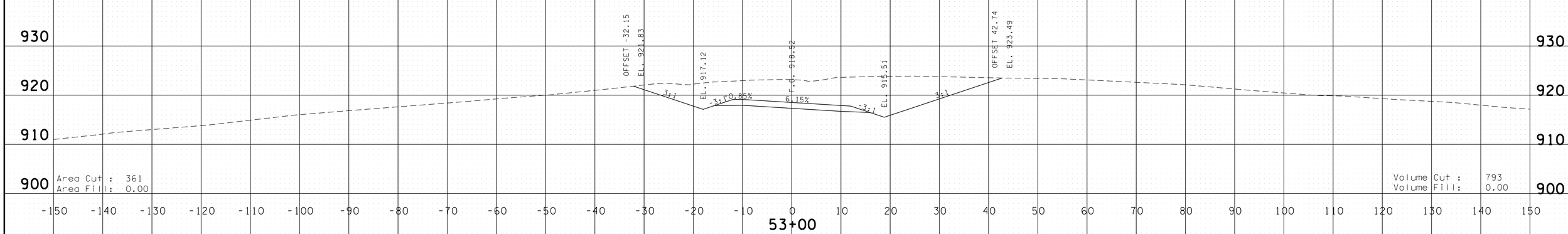
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	508

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







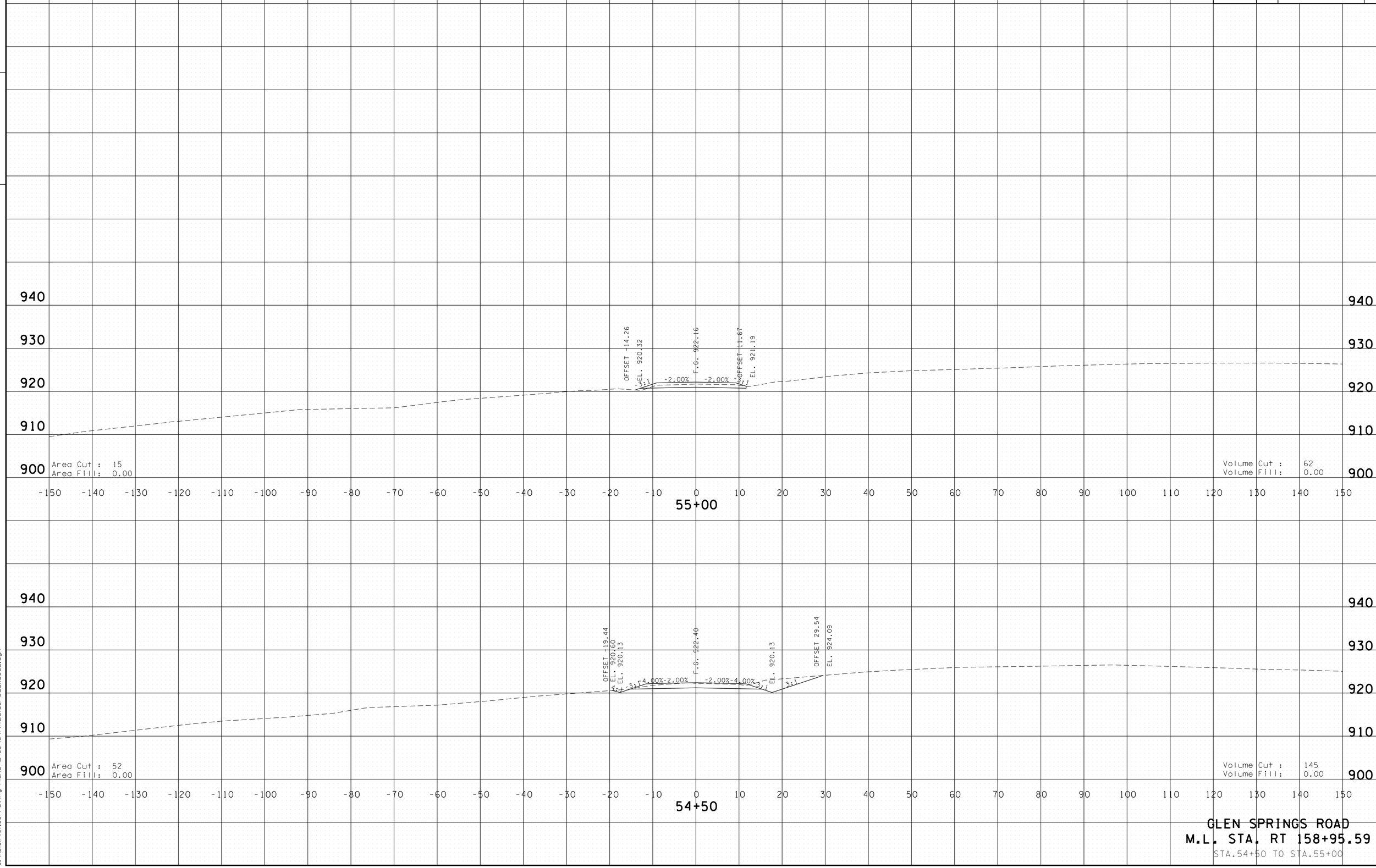
GLEN SPRINGS ROAD
M.L. STA. RT 158+95.59
STA.53+00 TO STA.54+00

4/30/2014 11:43:41 AM
G:\HDIOI\IOI.03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	509

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



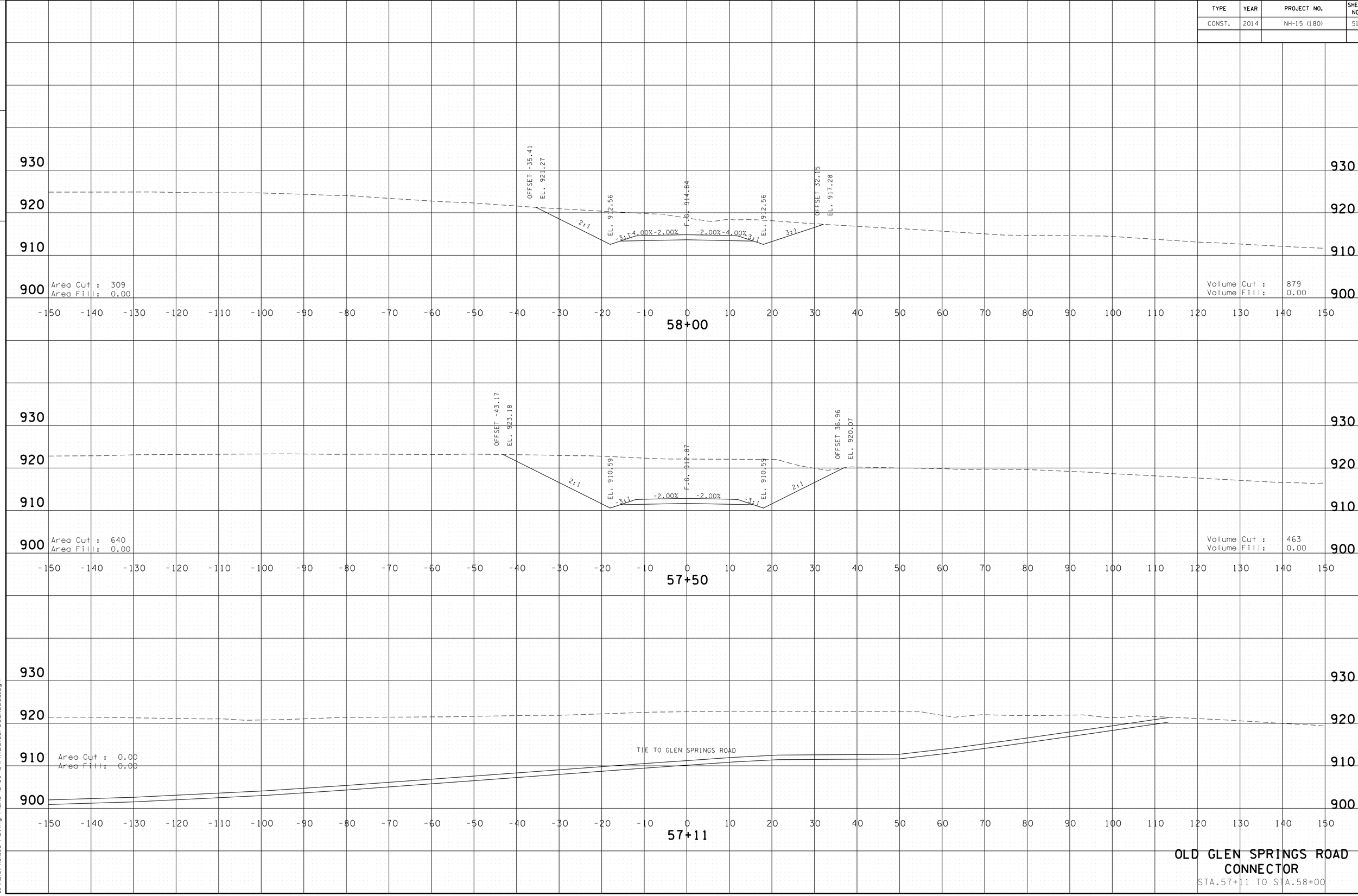
GLEN SPRINGS ROAD
M.L. STA. RT 158+95.59
STA.54+50 TO STA.55+00

4/30/2014 11:43:43 AM
G:\HDI01\10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	510

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



OLD GLEN SPRINGS ROAD CONNECTOR

STA.57+11 TO STA.58+00

4/30/2014 11:43:45 AM
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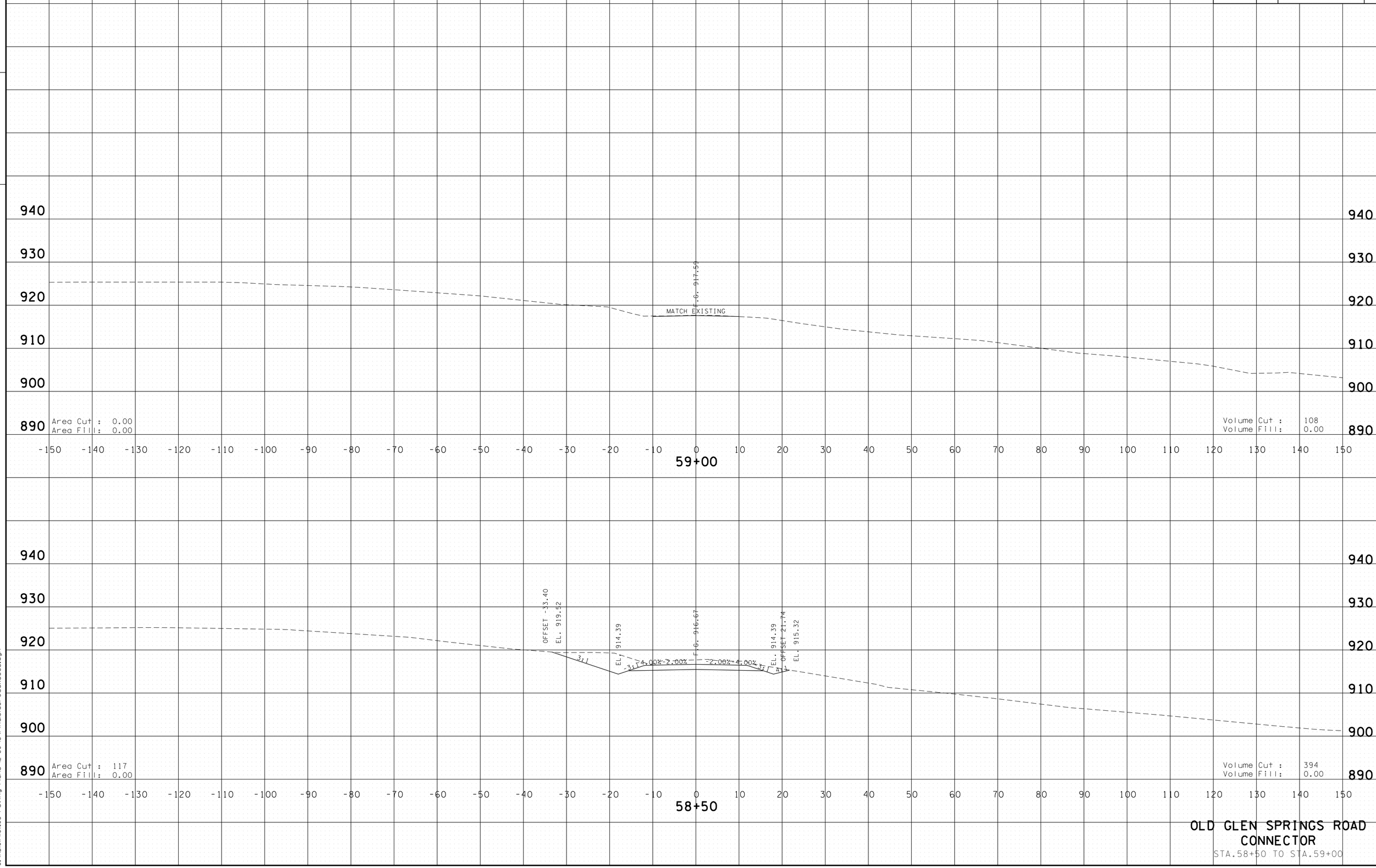
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	511

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



OLD GLEN SPRINGS ROAD CONNECTOR

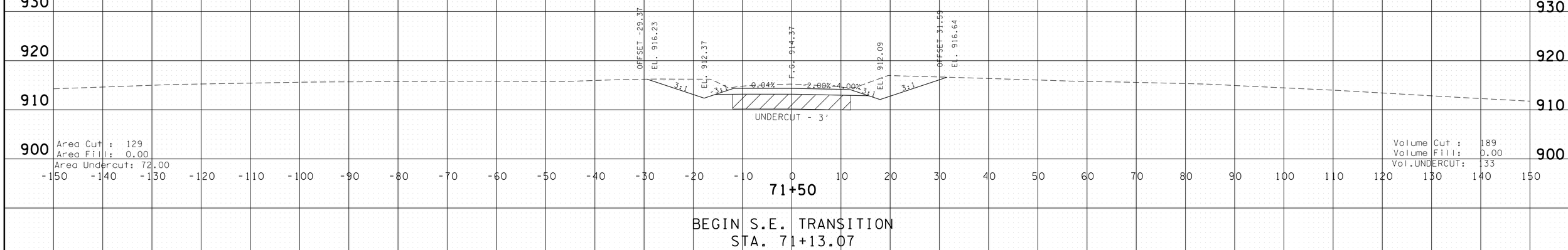
STA.58+50 TO STA.59+00

4/30/2014 11:43:47 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	512

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

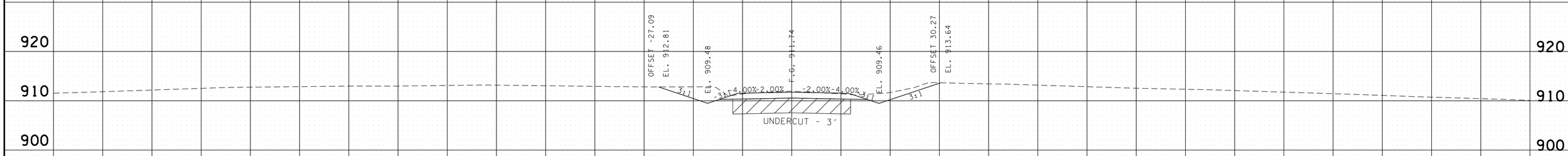


Area Cut : 129
Area Fill: 0.00
Area Undercut: 72.00

Volume Cut : 189
Volume Fill: 0.00
Vol.UNDERCUT: 133

71+50

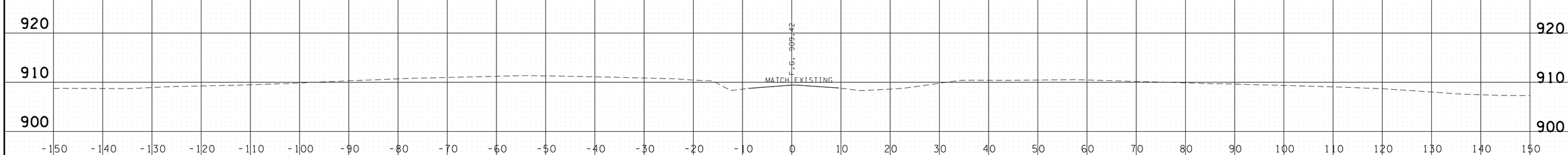
BEGIN S.E. TRANSITION
STA. 71+13.07



Area Cut : 75
Area Fill: 0.00
Area Undercut: 72.00

Volume Cut : 49
Volume Fill: 0.00
Vol.UNDERCUT: 47

71+00



Area Cut : 0.00
Area Fill: 0.00

70+65

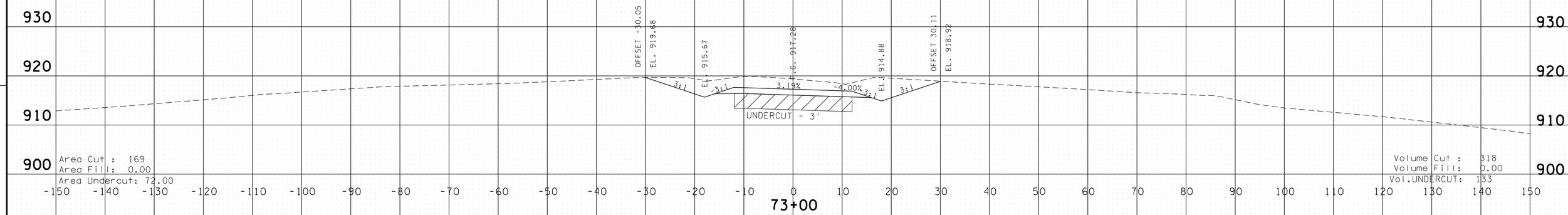
GLEN SPRINGS ROAD
M.L. STA. LT 169+74.79
STA.70+65 TO STA.71+50

4/30/2014 11:43:49 AM
G:\HDIQIL\OIL03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

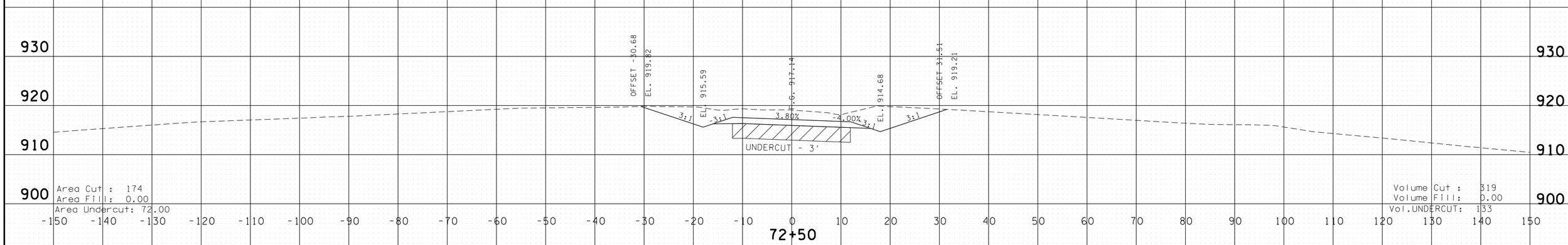
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	513

FILE NO.

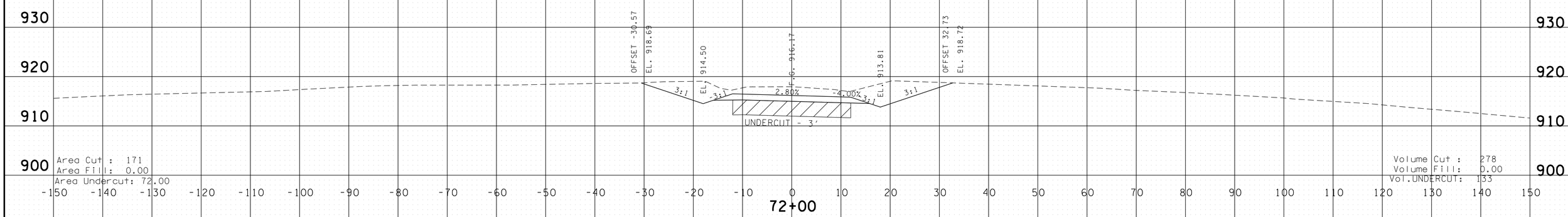
TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 72+88.99
3.80% LT. & -3.80% RT.



FULL S.E. STA. 72+18.07
3.80% LT. & -3.80% RT.



GLEN SPRINGS ROAD
M.L. STA. LT 169+74.79
STA.72+00 TO STA.73+00

4/30/2014 11:43:51 AM
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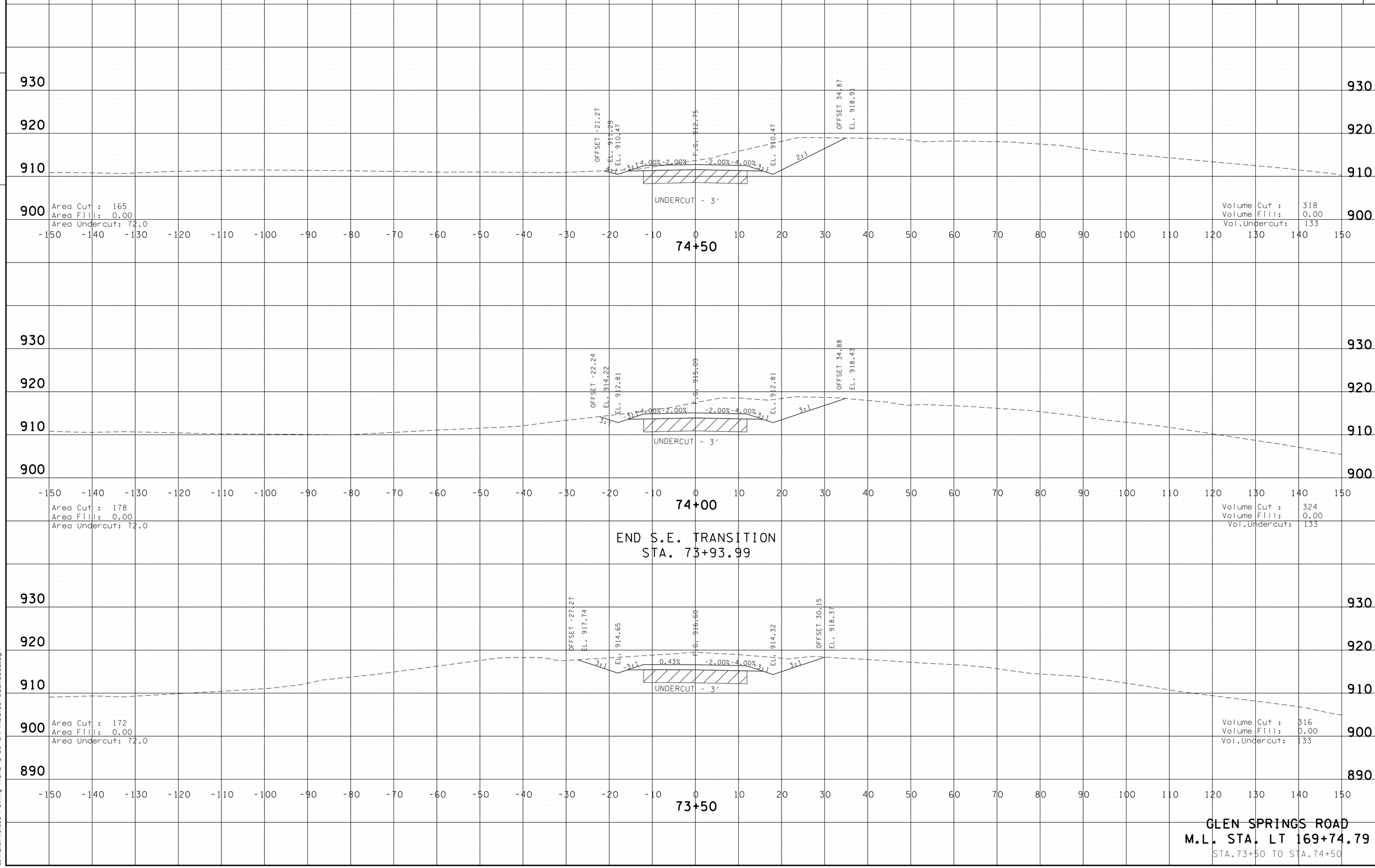
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	514

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



GLEN SPRINGS ROAD
M.L. STA. LT 169+74.79
STA.73+50 TO STA.74+50

4/30/2014 11:43:54 AM
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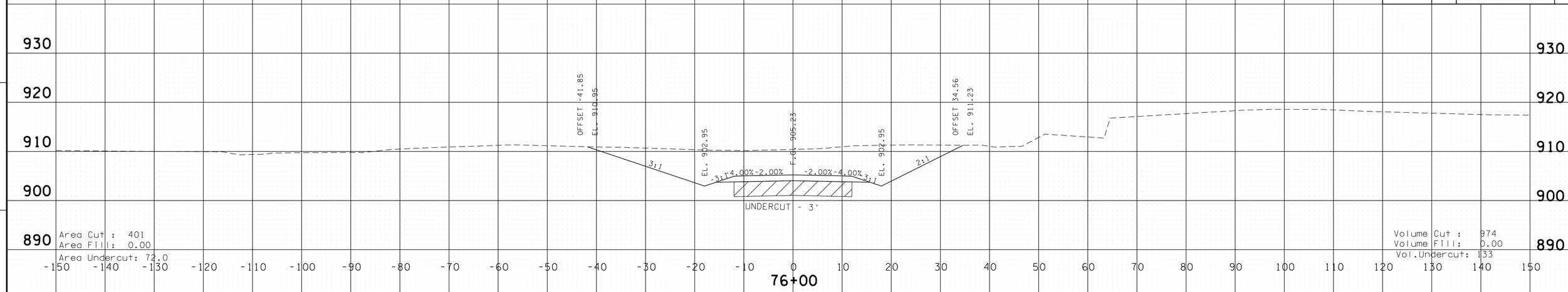
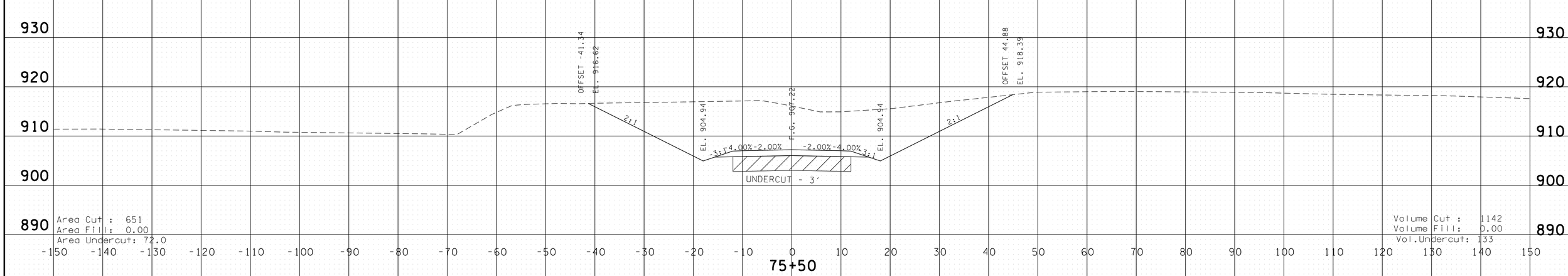
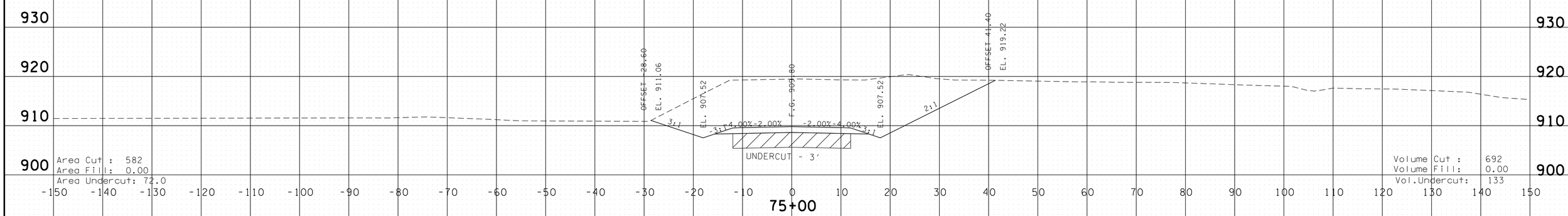
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	515

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







GLEN SPRINGS ROAD
M.L. STA. LT 169+74.79
STA.75+00 TO STA.76+00

4/30/2014 11:43:56 AM
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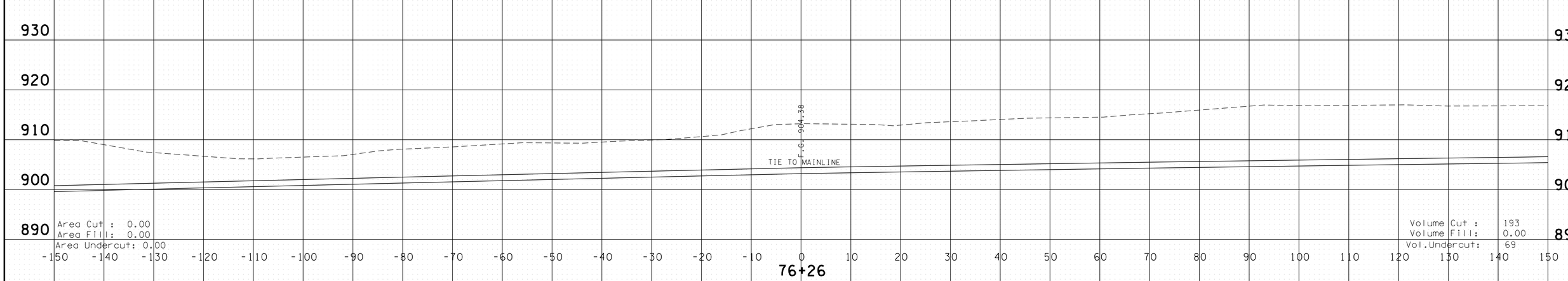
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	516

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



GLEN SPRINGS ROAD
M.L. STA. LT 169+74.79
STA.76+26 TO STA.76+26

4/30/2014 11:43:58 AM
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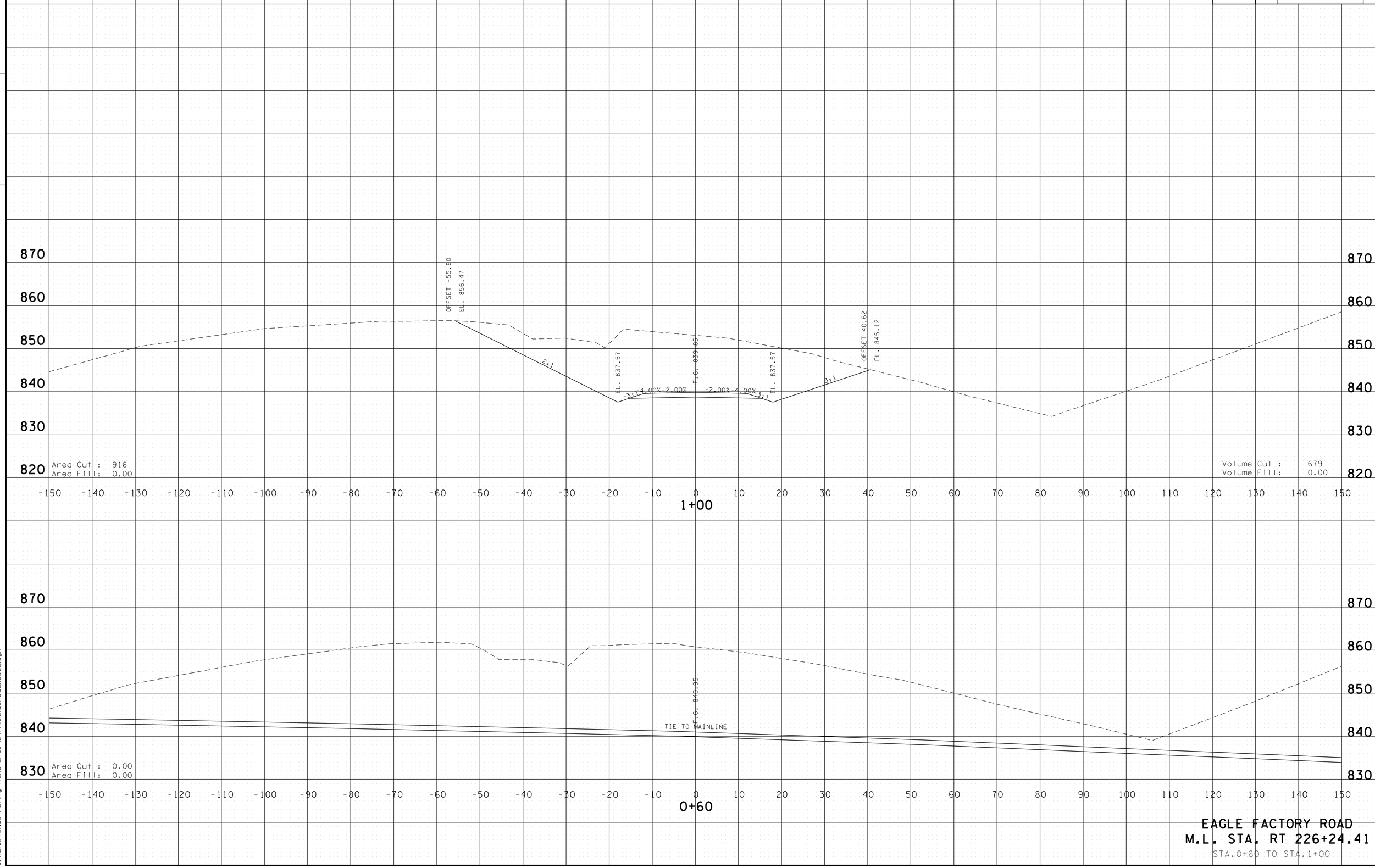
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	517

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



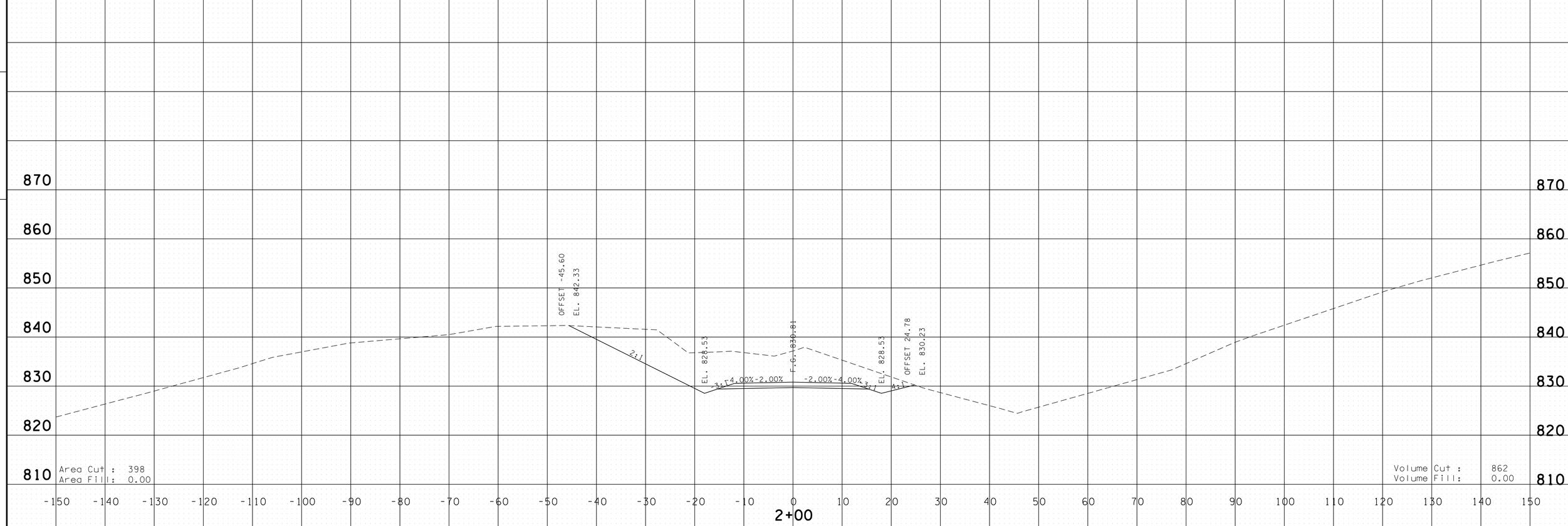
EAGLE FACTORY ROAD
M.L. STA. RT 226+24.41
STA.0+60 TO STA.1+00

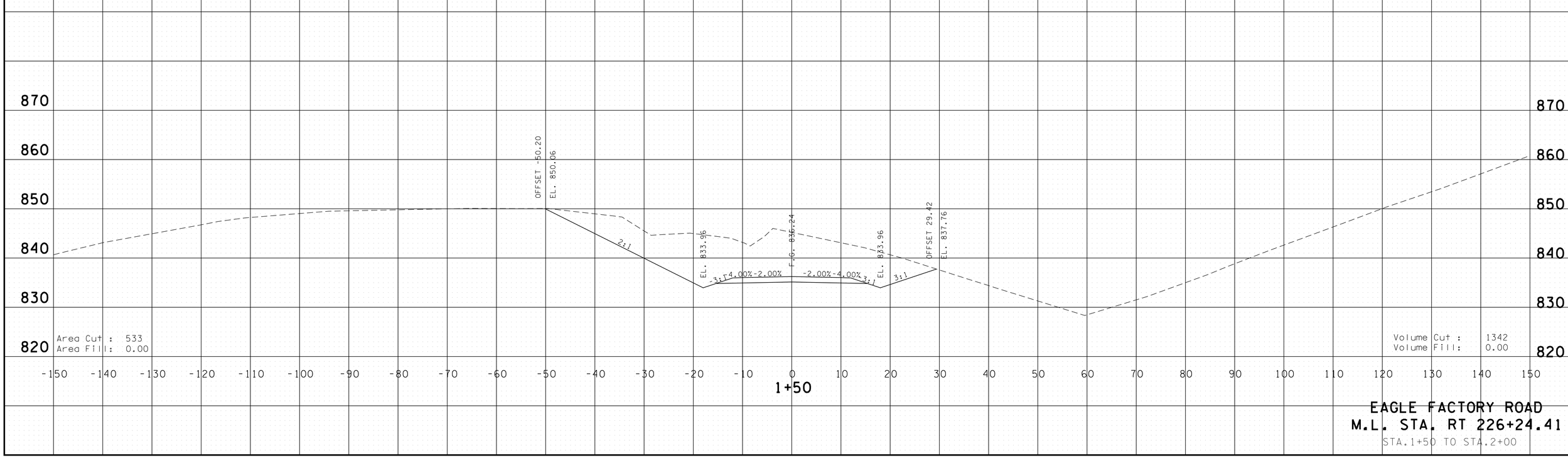
4/30/2014 11:44:00 AM
G:\HD\01\10\L03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	518

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





EAGLE FACTORY ROAD
M.L. STA. RT 226+24.41
STA.1+50 TO STA.2+00

4/30/2014 11:44:02 AM
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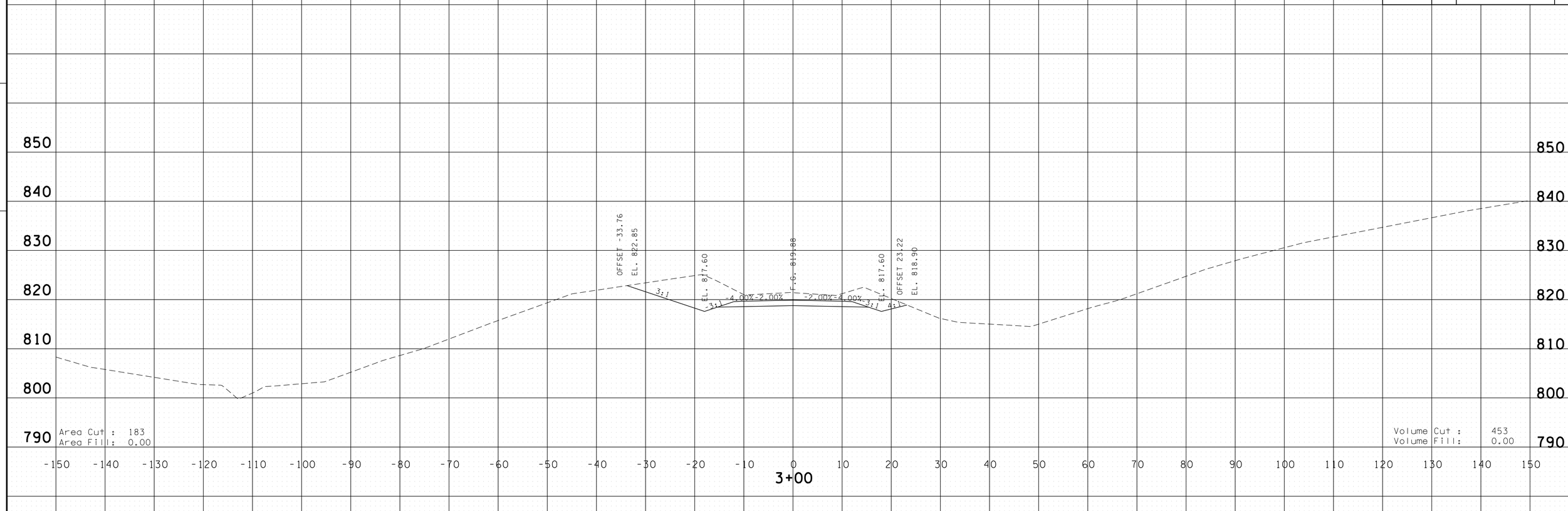
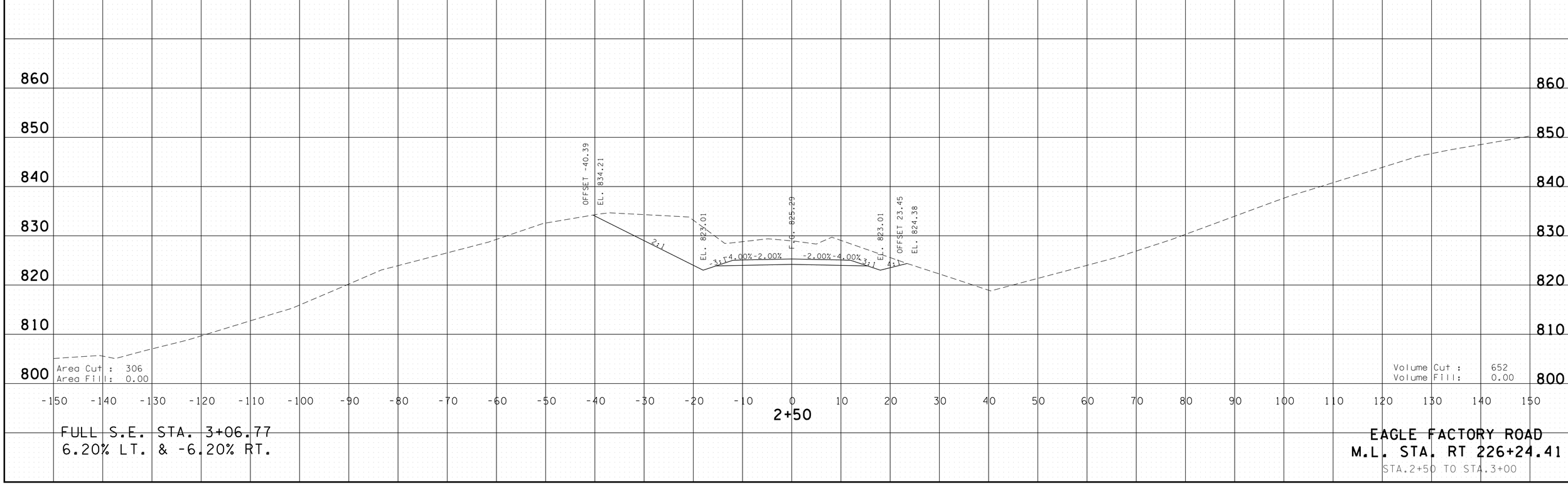
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	519

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





FULL S.E. STA. 3+06.77
6.20% LT. & -6.20% RT.

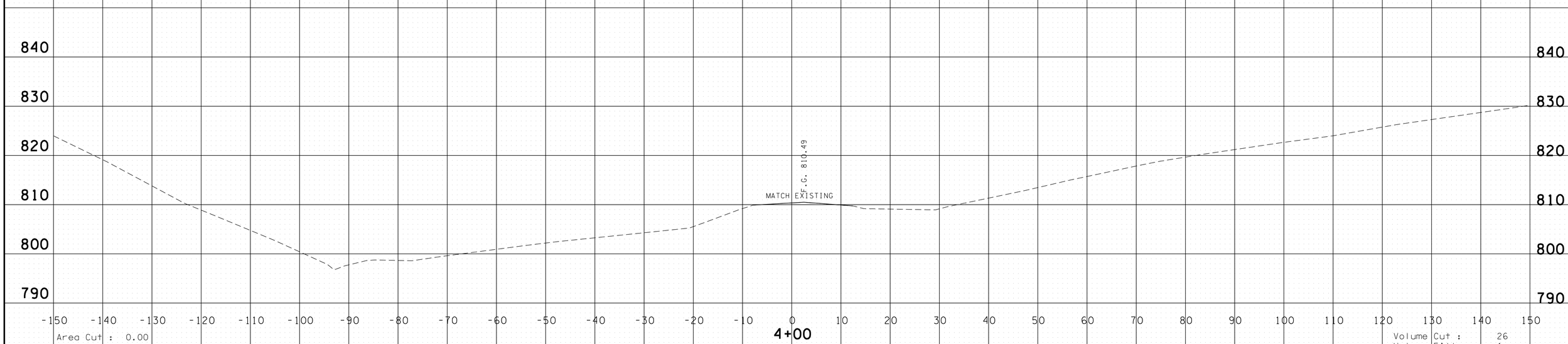
EAGLE FACTORY ROAD
M.L. STA. RT 226+24.41
STA.2+50 TO STA.3+00

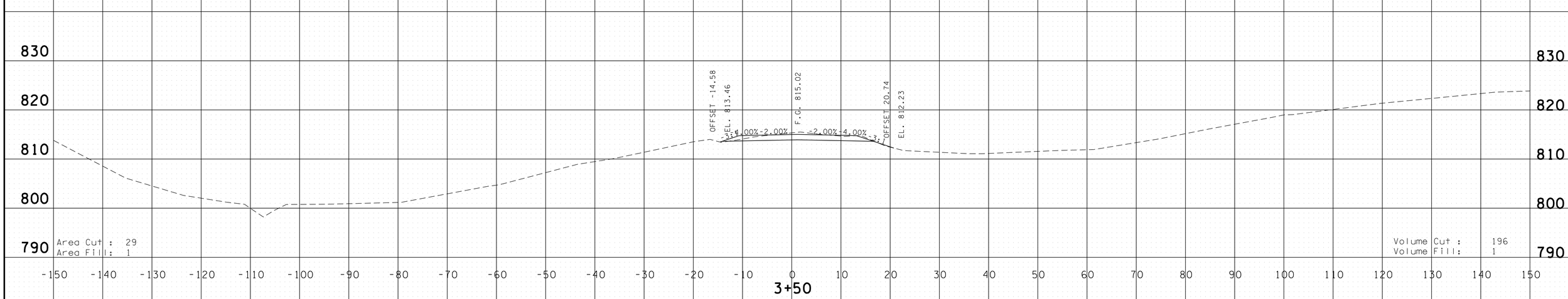
4/30/2014 11:44:04 AM
G:\HDIOIN\OIL03 Paving Plans 12-30-13\FinalSideroadxsecs.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	520

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION





EAGLE FACTORY ROAD
M.L. STA. RT 226+24.41
STA.3+50 TO STA.4+00

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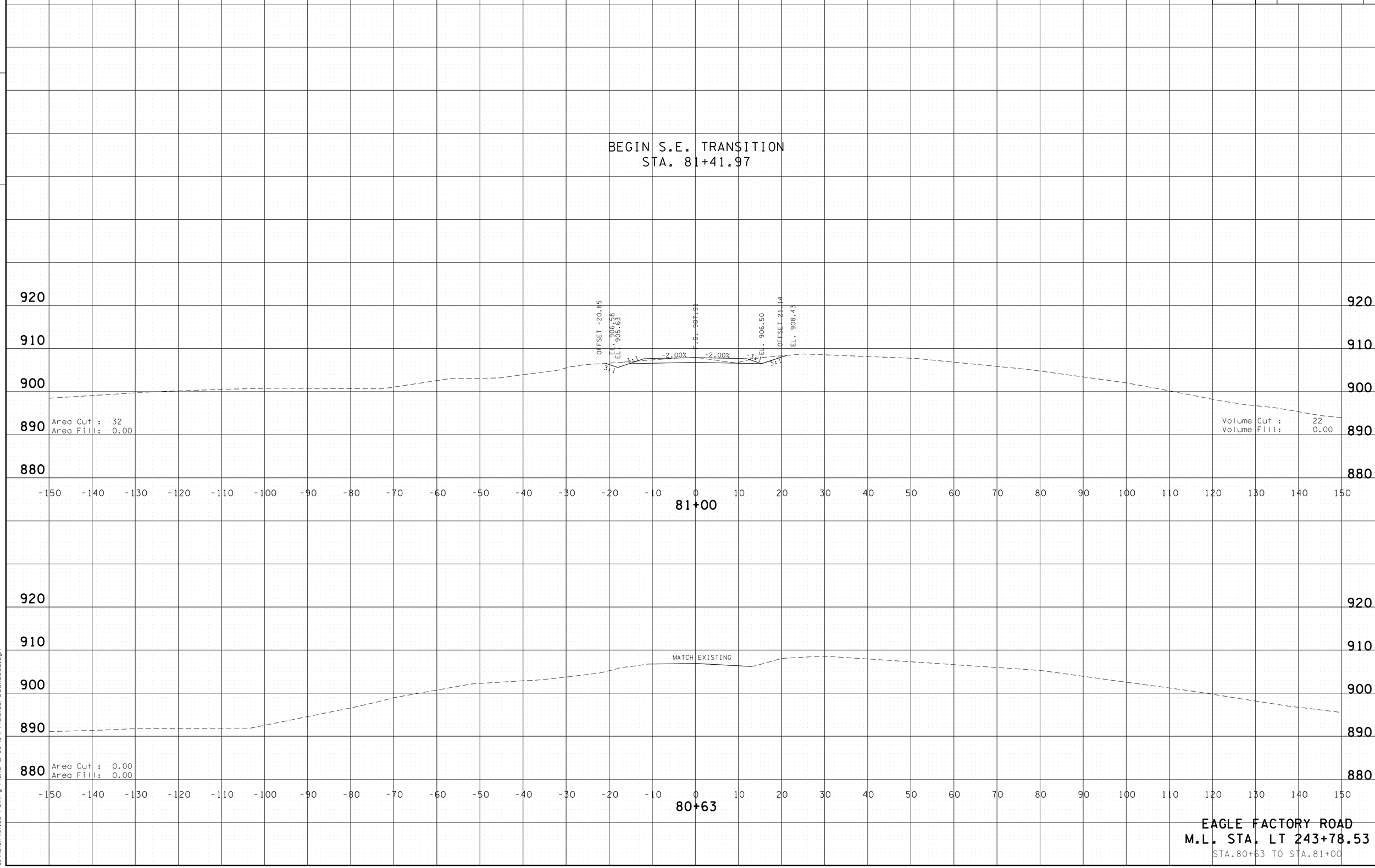
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	521

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. LT 243+78.53
STA.80+63 TO STA.81+00

4/30/2014 11:44:08 AM
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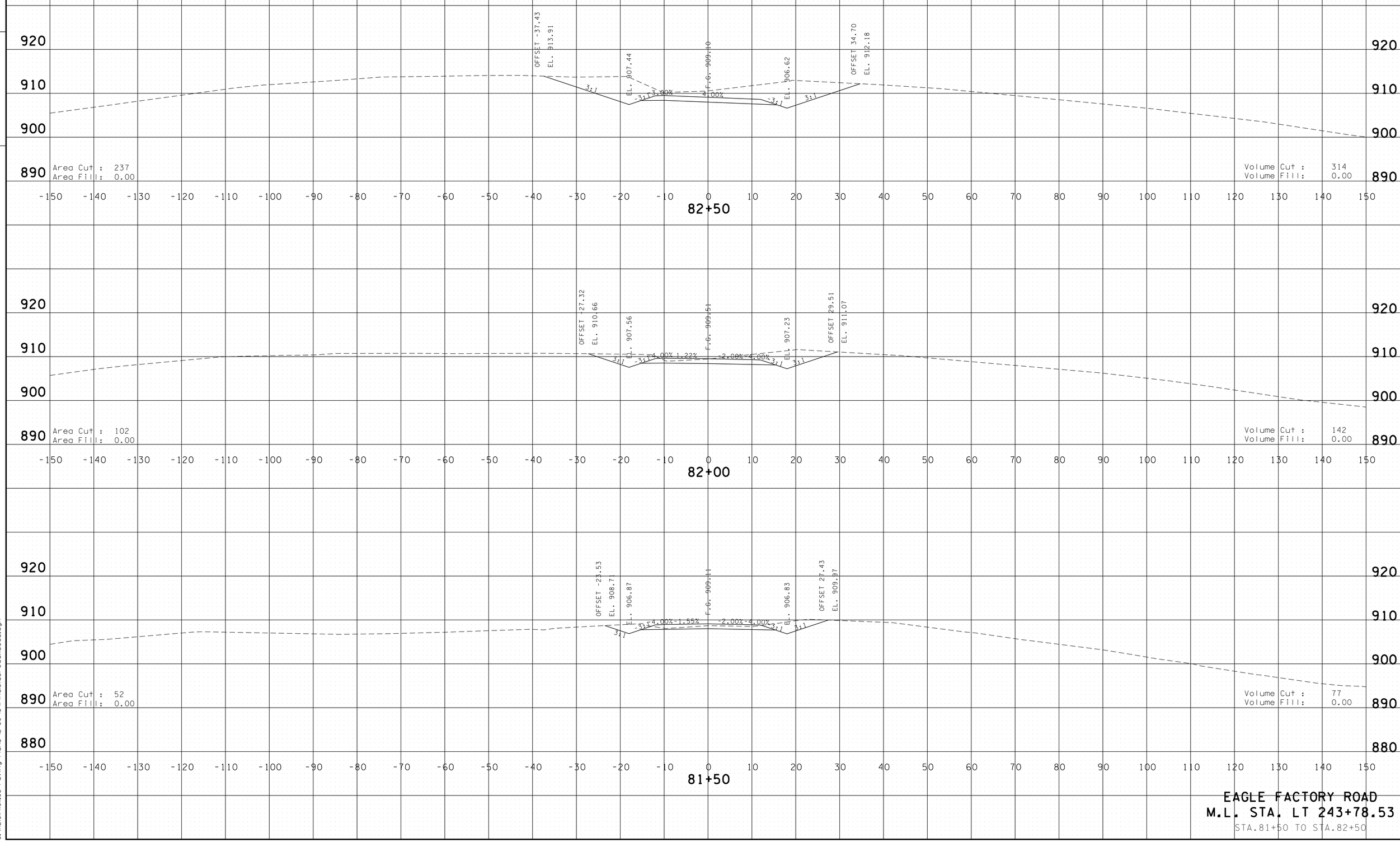
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	522

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. LT 243+78.53
STA.81+50 TO STA.82+50

4/30/2014 11:44:10 AM
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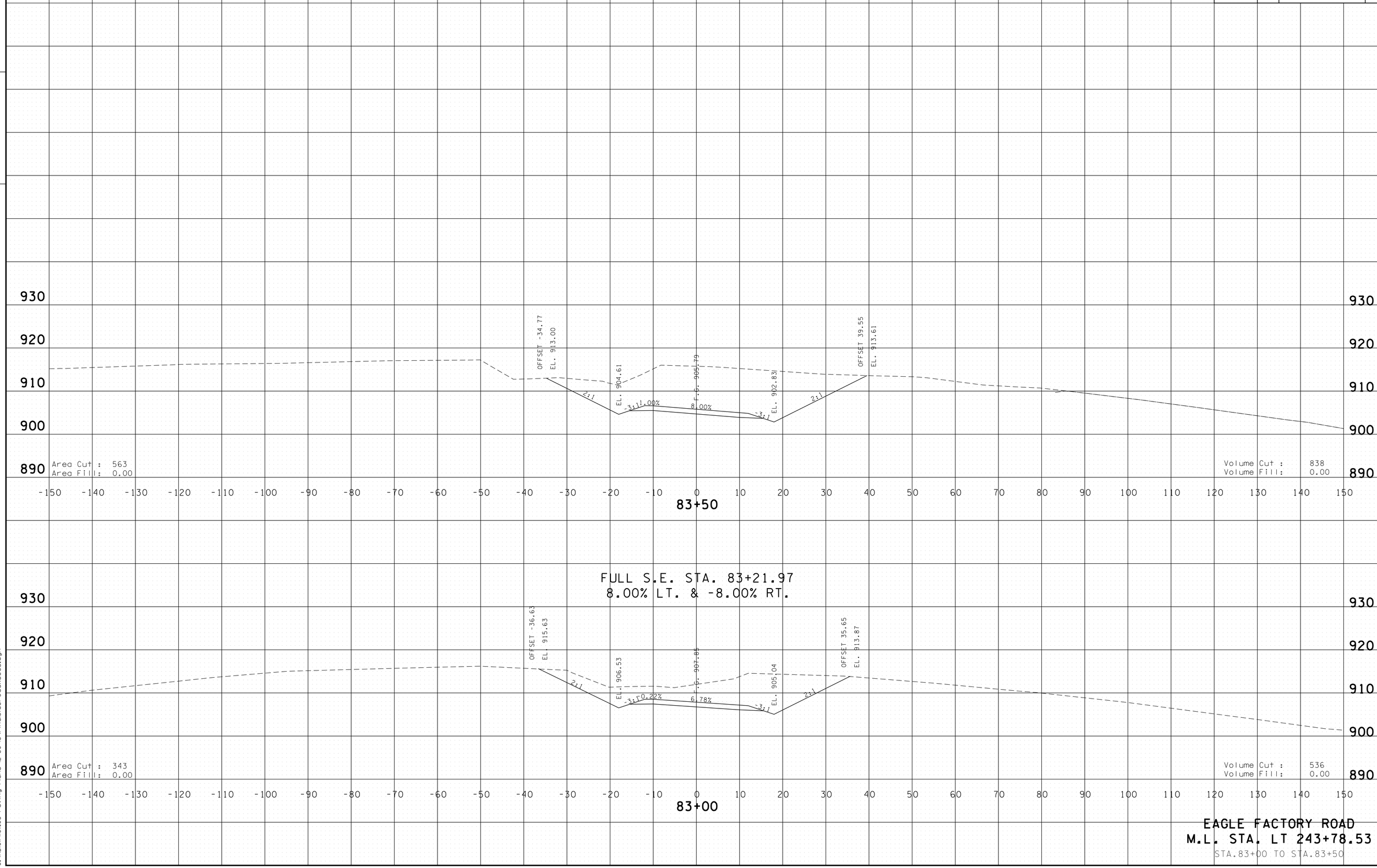
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	523

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. LT 243+78.53
STA.83+00 TO STA.83+50

4/30/2014 11:44:12 AM
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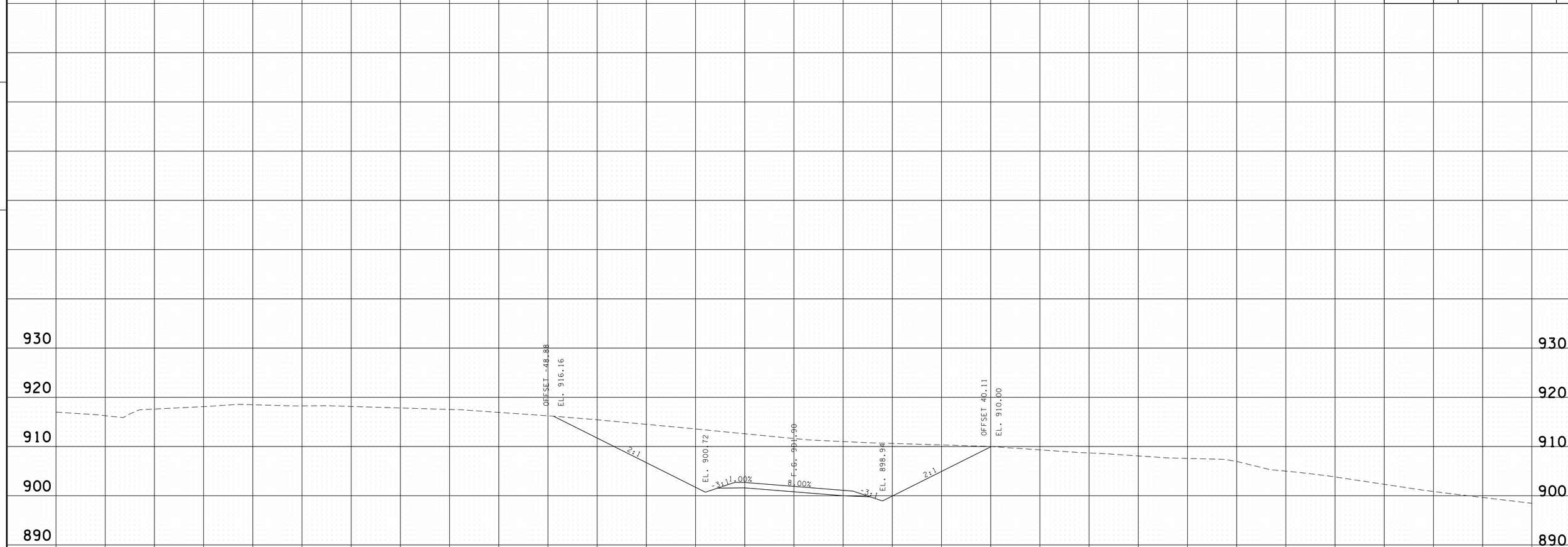
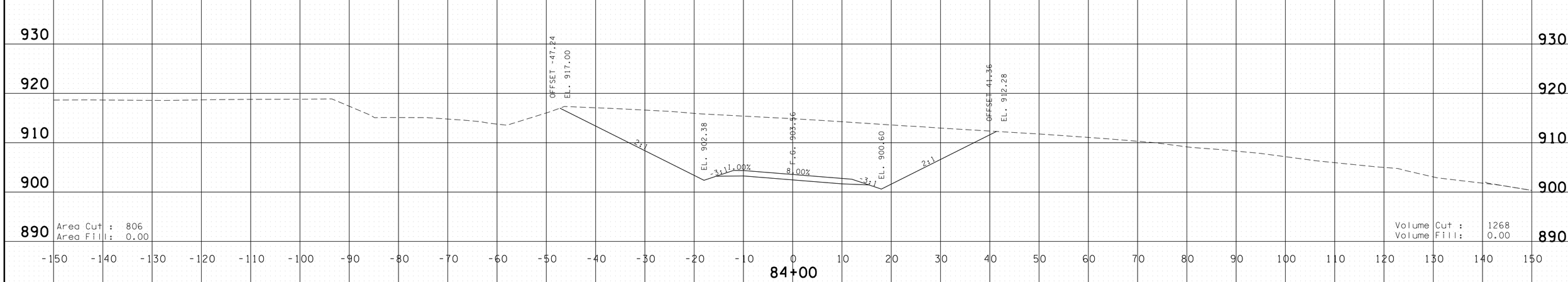
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	524

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



FULL S.E. STA. 84+50.00
8.00% LT. & -8.00% RT.



EAGLE FACTORY ROAD
M.L. STA. LT 243+78.53
STA.84+00 TO STA.84+50

4/30/2014 11:44:14 AM
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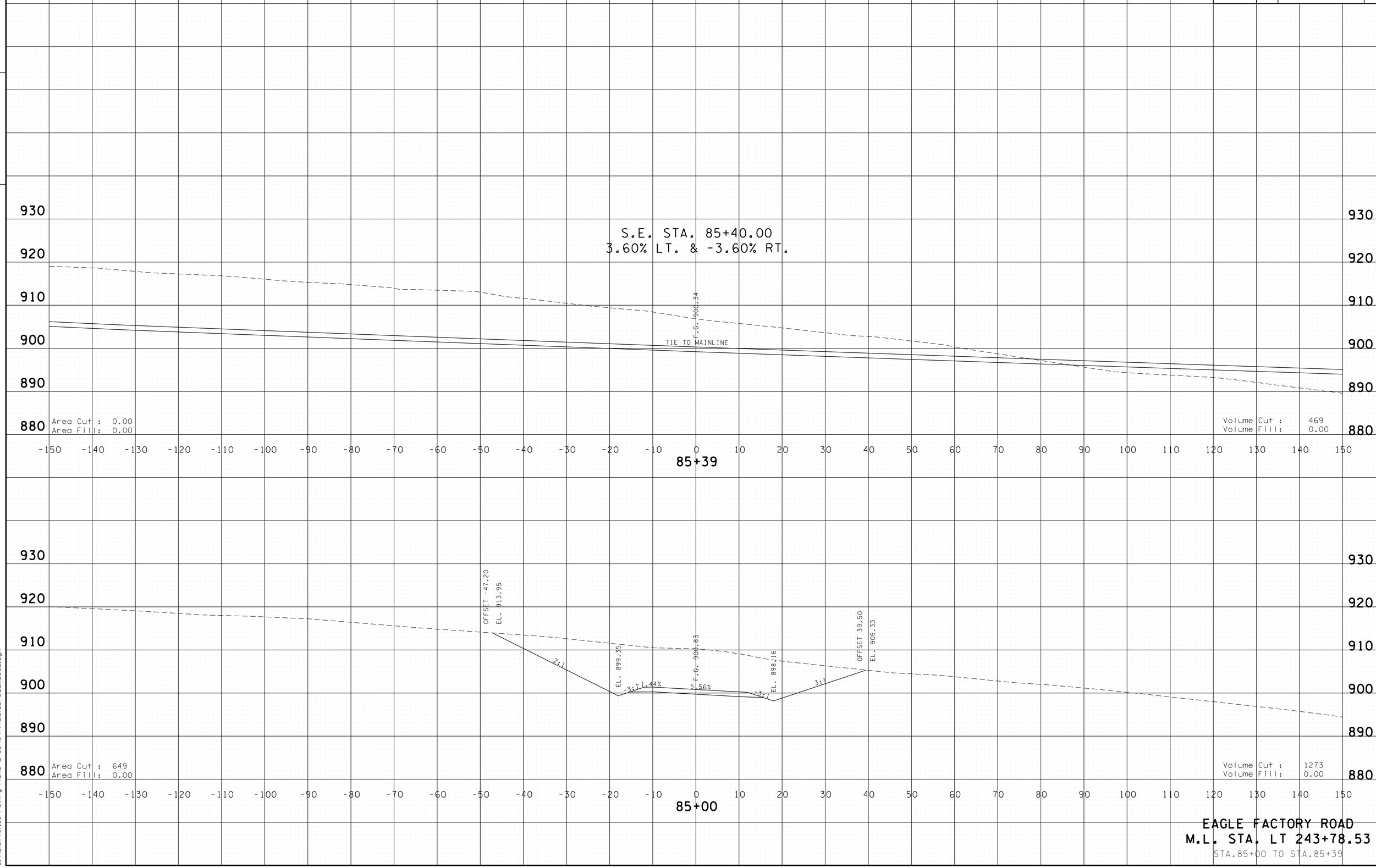
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	525

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. LT 243+78.53
STA.85+00 TO STA.85+39

4/30/2014 11:44:16 AM
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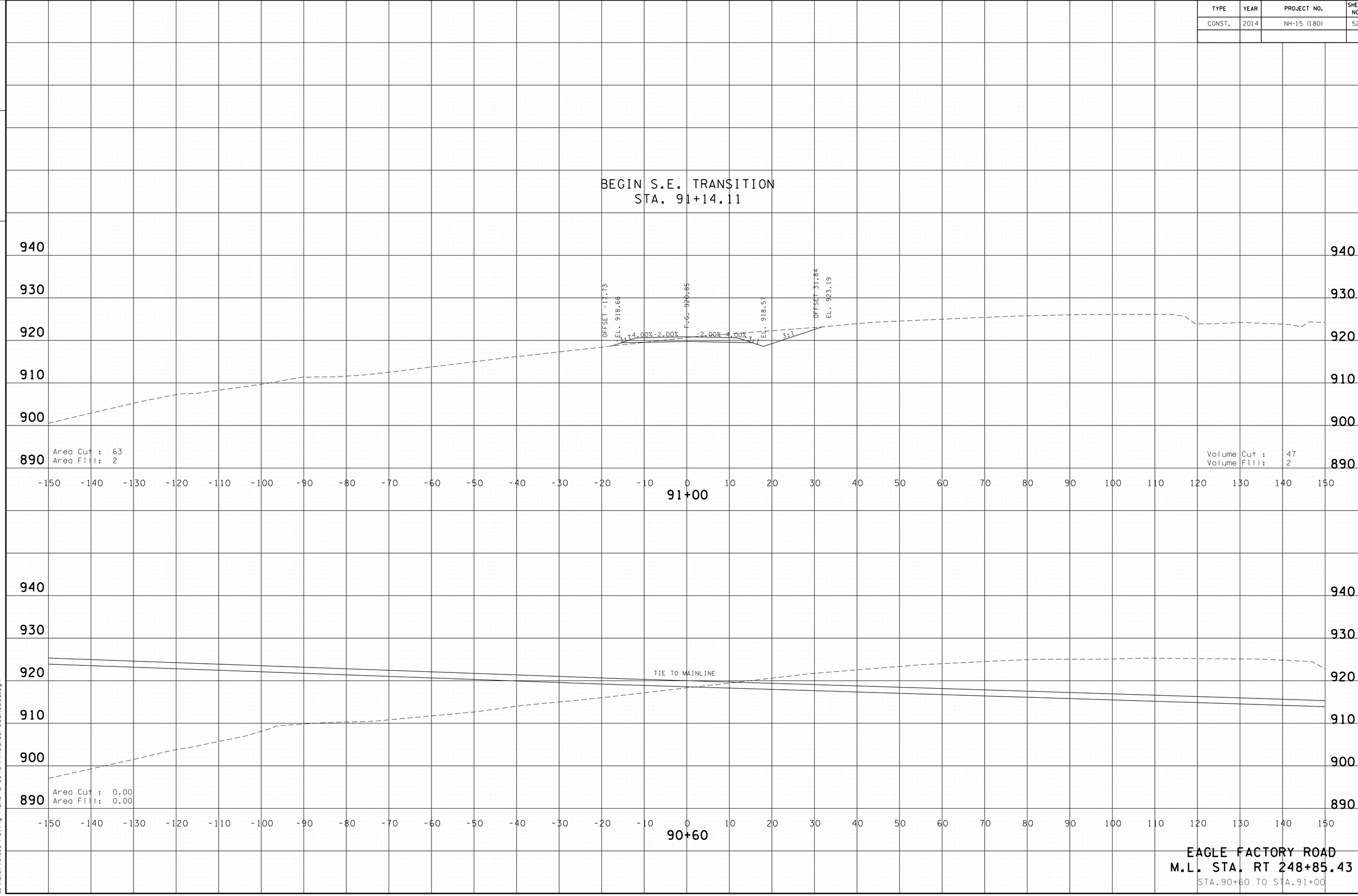
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	526

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. RT 248+85.43
STA.90+60 TO STA.91+00

4/30/2014 11:44:18 AM
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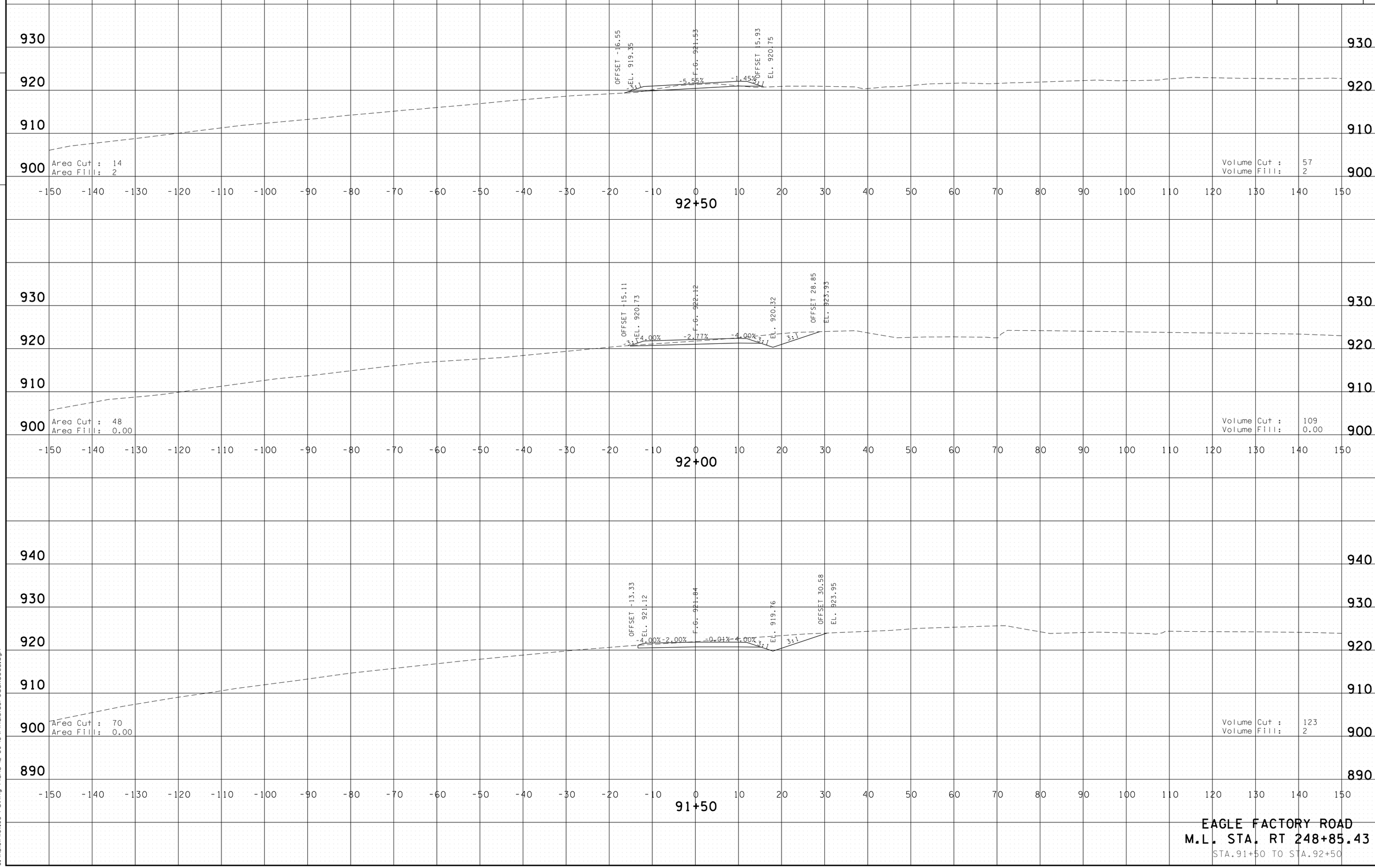
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	527

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

FULL S.E. STA. 92+94.17
-8.00% LT. & 8.00% RT.



EAGLE FACTORY ROAD
M.L. STA. RT 248+85.43
STA.91+50 TO STA.92+50

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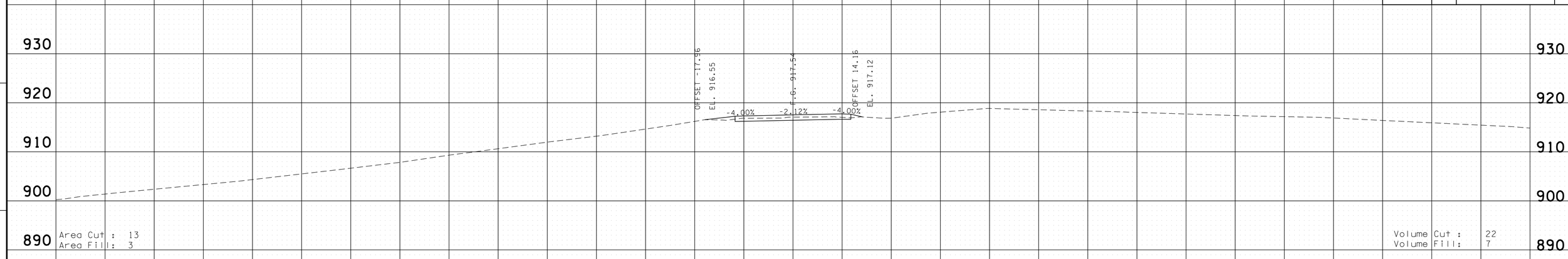
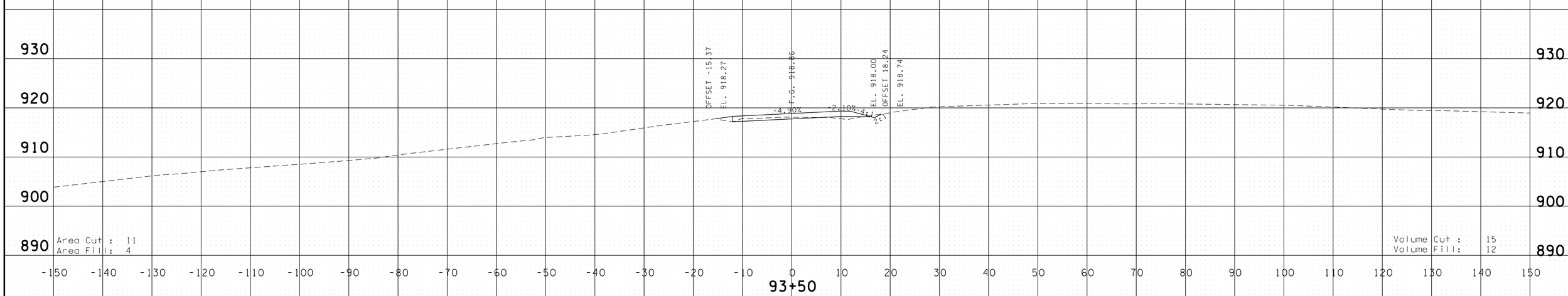
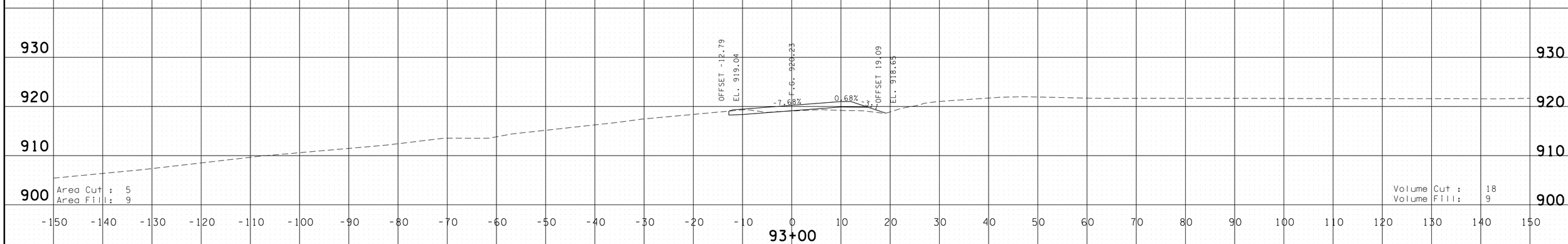
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	528

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION







EAGLE FACTORY ROAD
M.L. STA. RT 248+85.43
STA.93+00 TO STA.94+00

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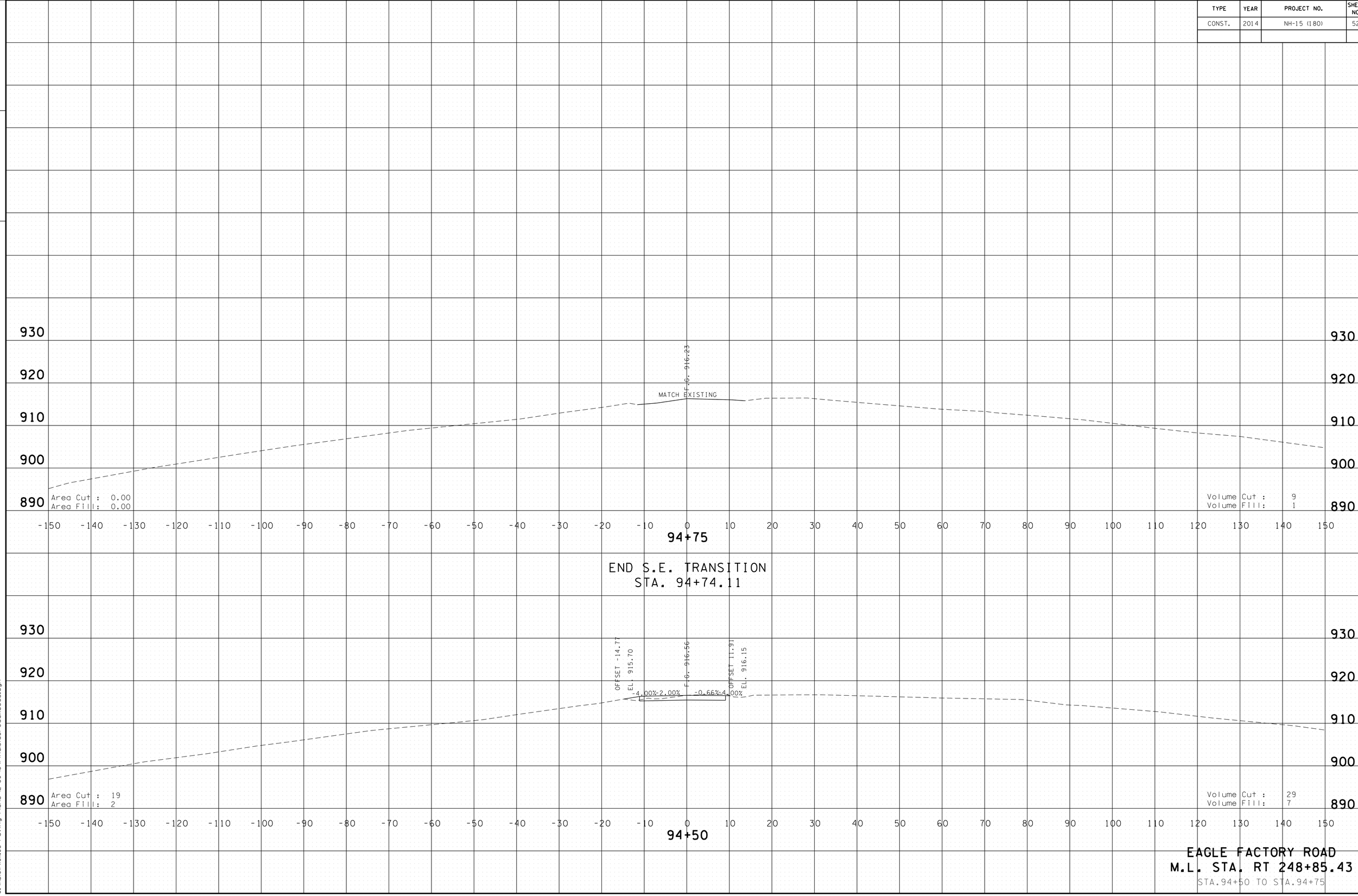
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	529

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION



EAGLE FACTORY ROAD
M.L. STA. RT 248+85.43
STA.94+50 TO STA.94+75

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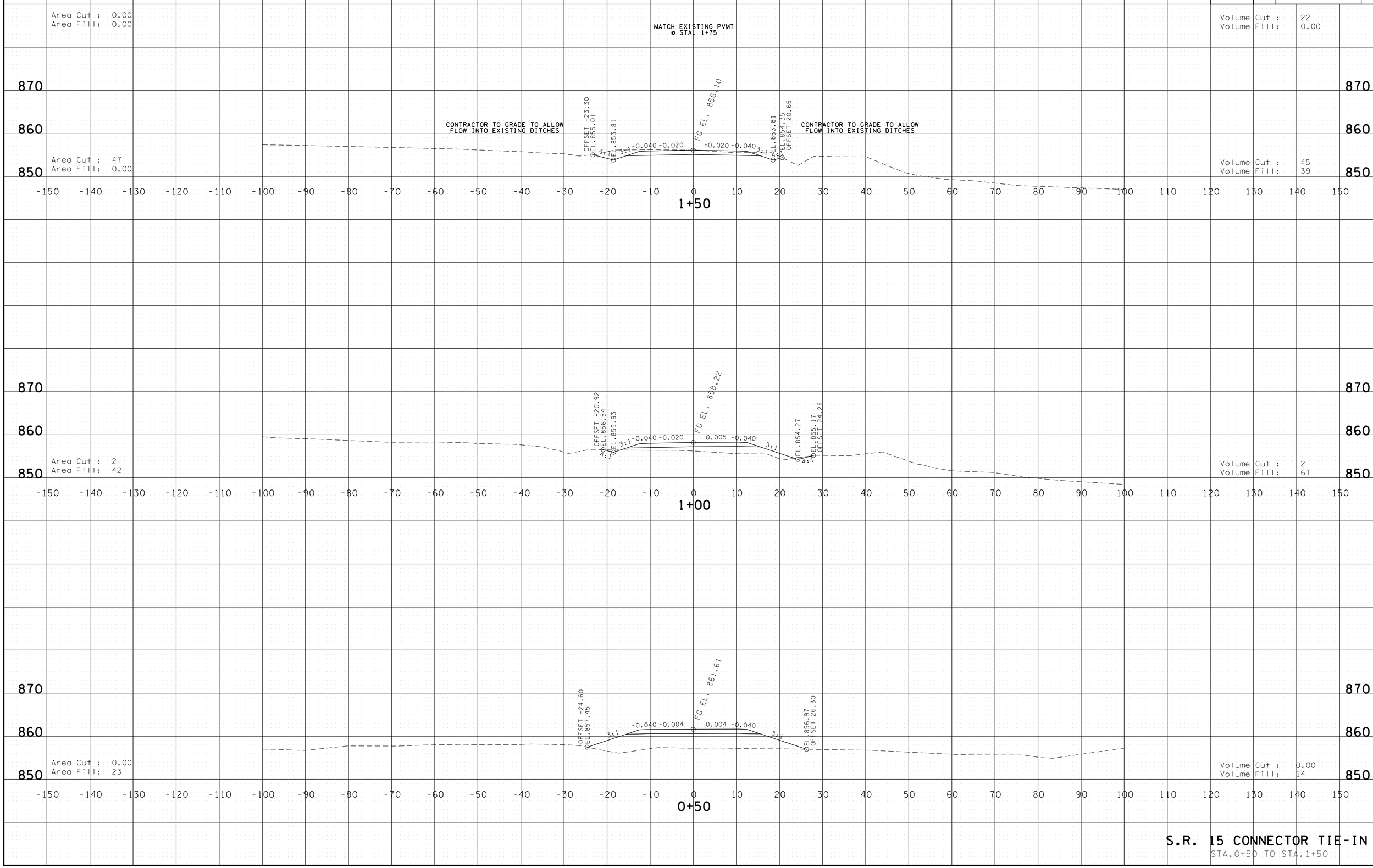
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	530



S.R. 15 CONNECTOR TIE-IN

STA.0+50 TO STA.1+50

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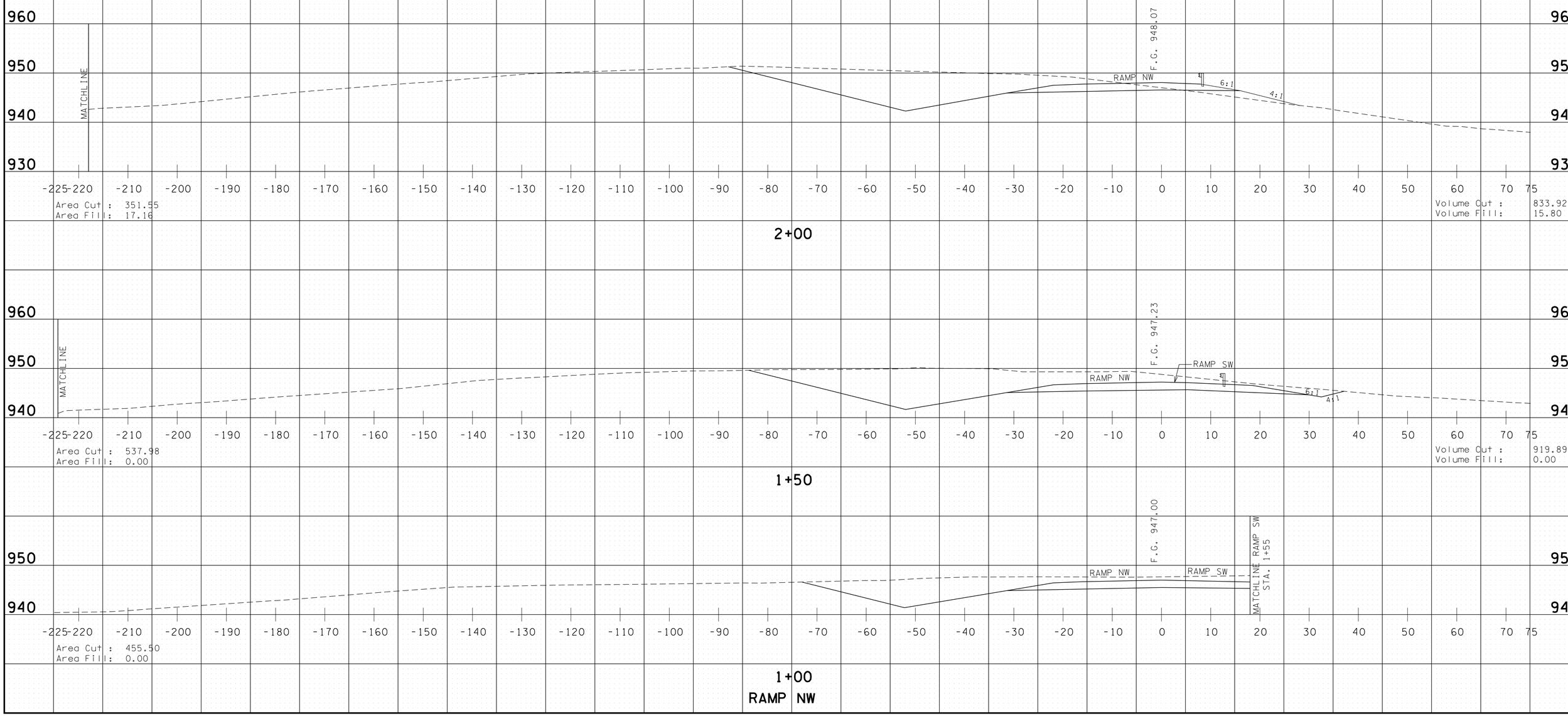
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	531



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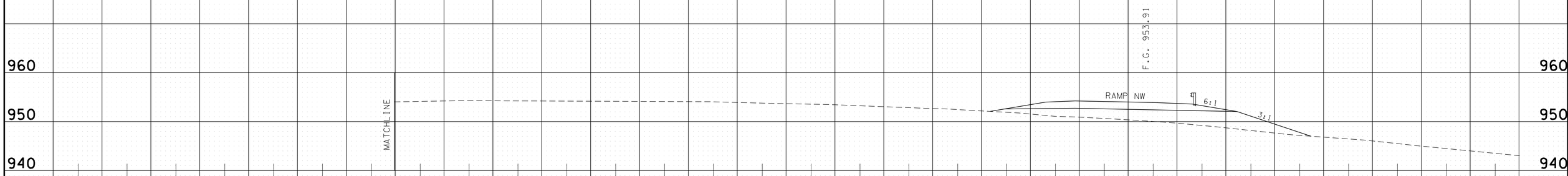
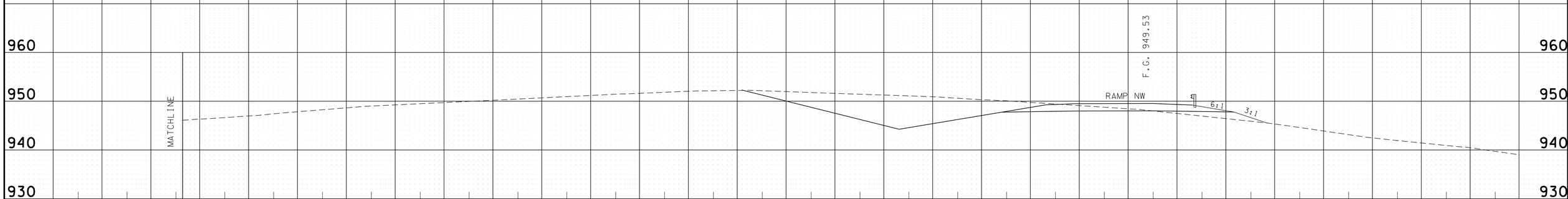
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	532



3+50

3+00



2+50
RAMP NW

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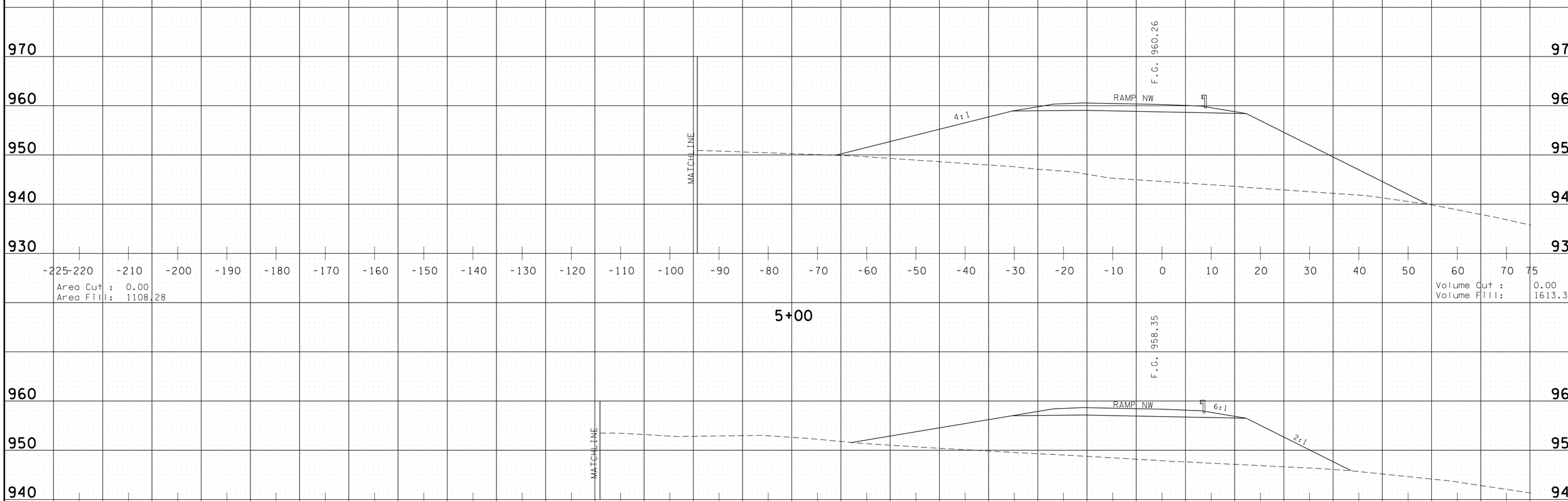
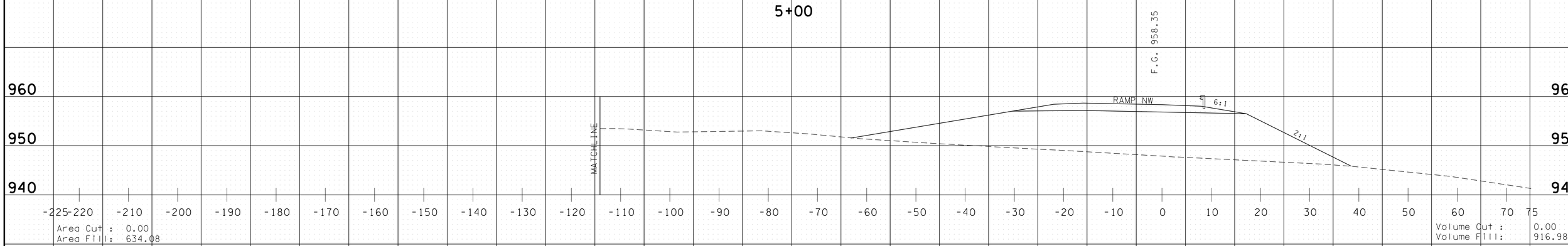
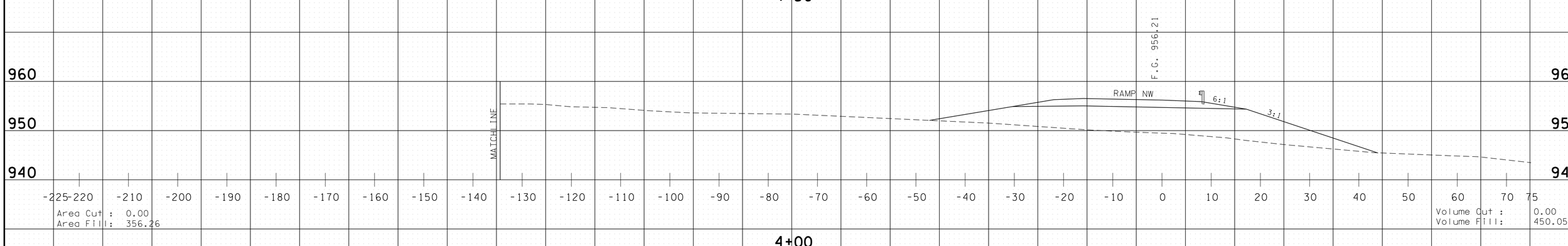
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	533



5+00



4+50



4+00
RAMP NW

4/30/2014 11:44:31 AM
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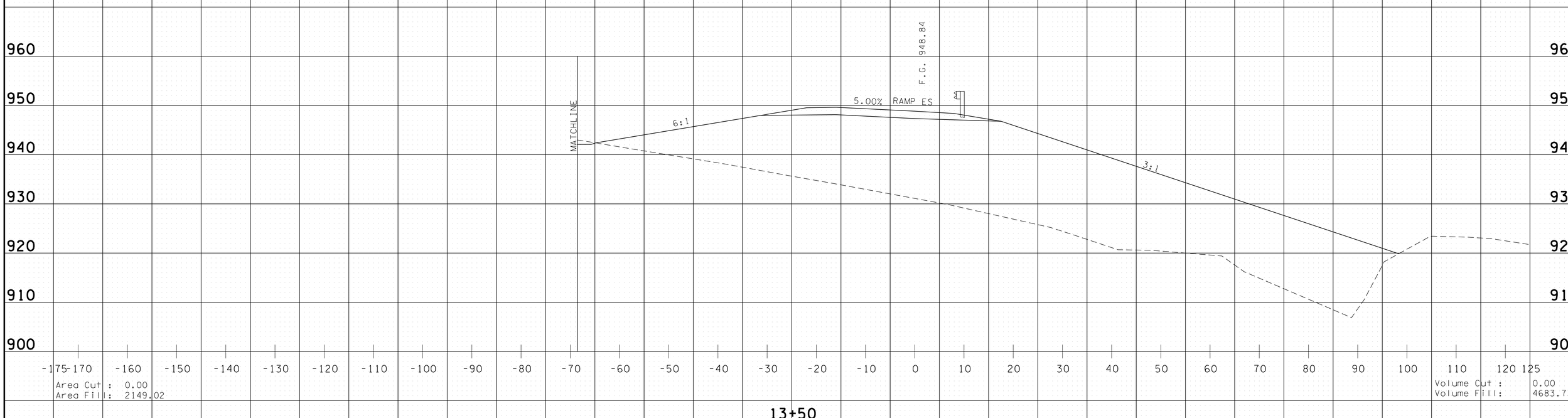
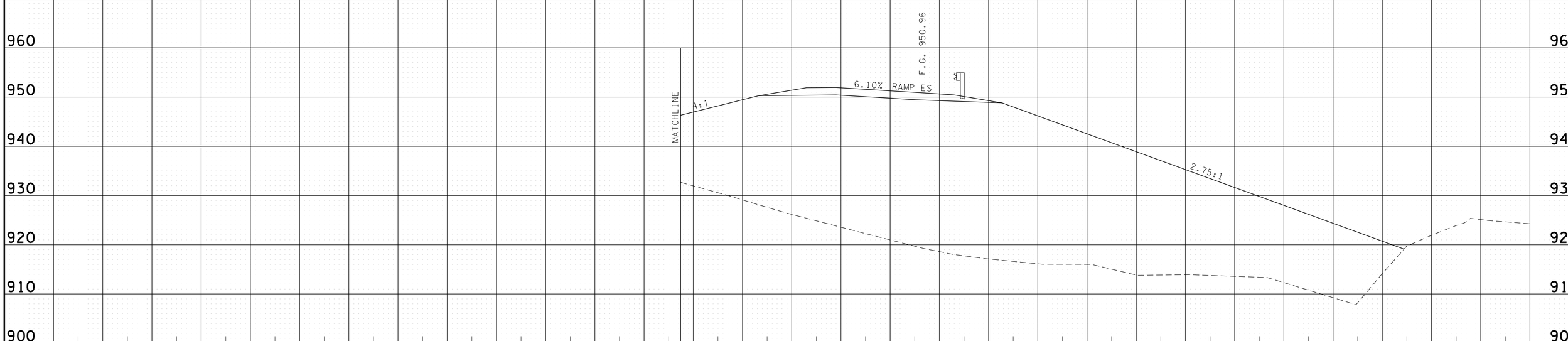
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	534



13+50



13+00

RAMP ES

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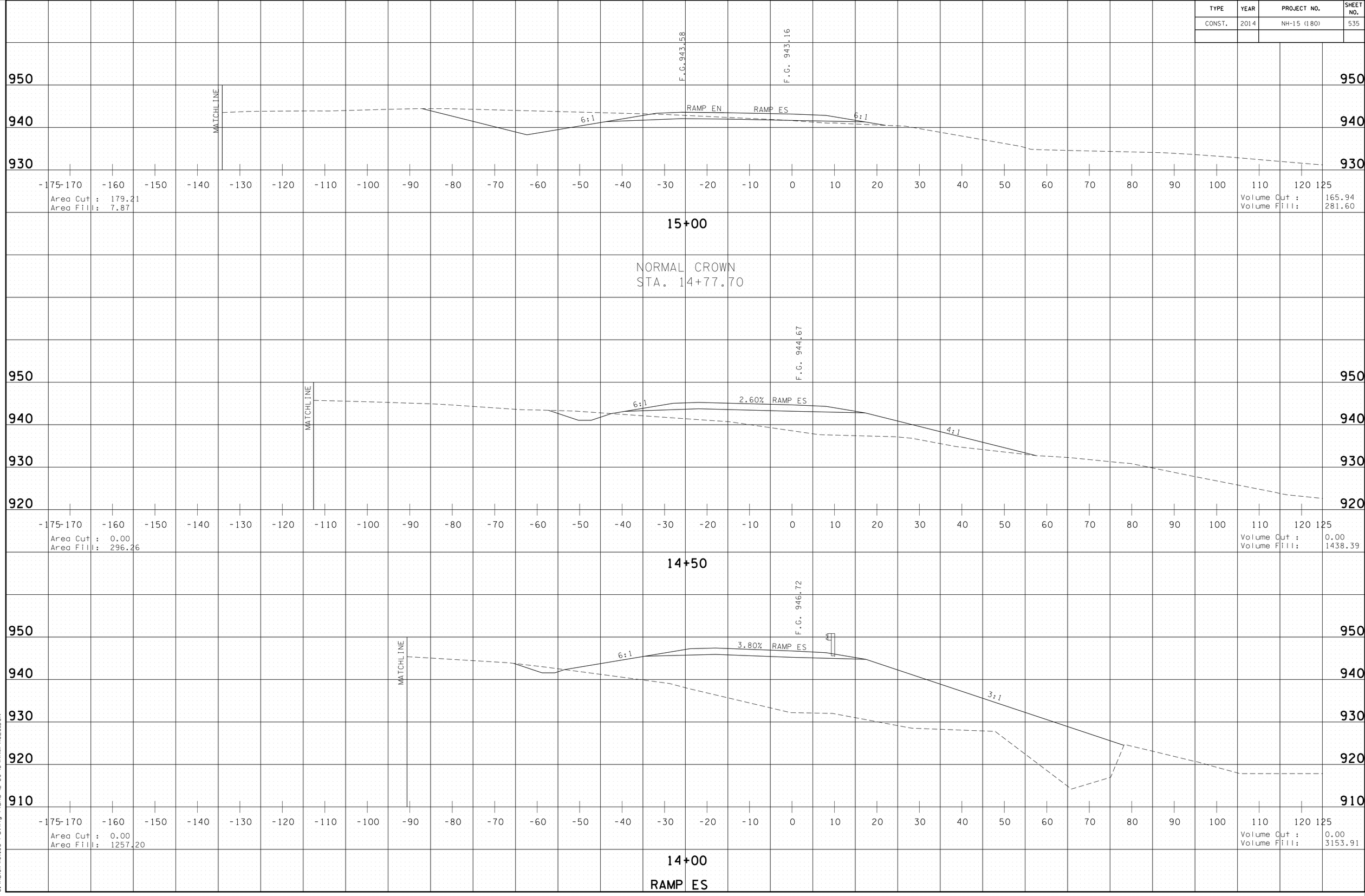
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	535



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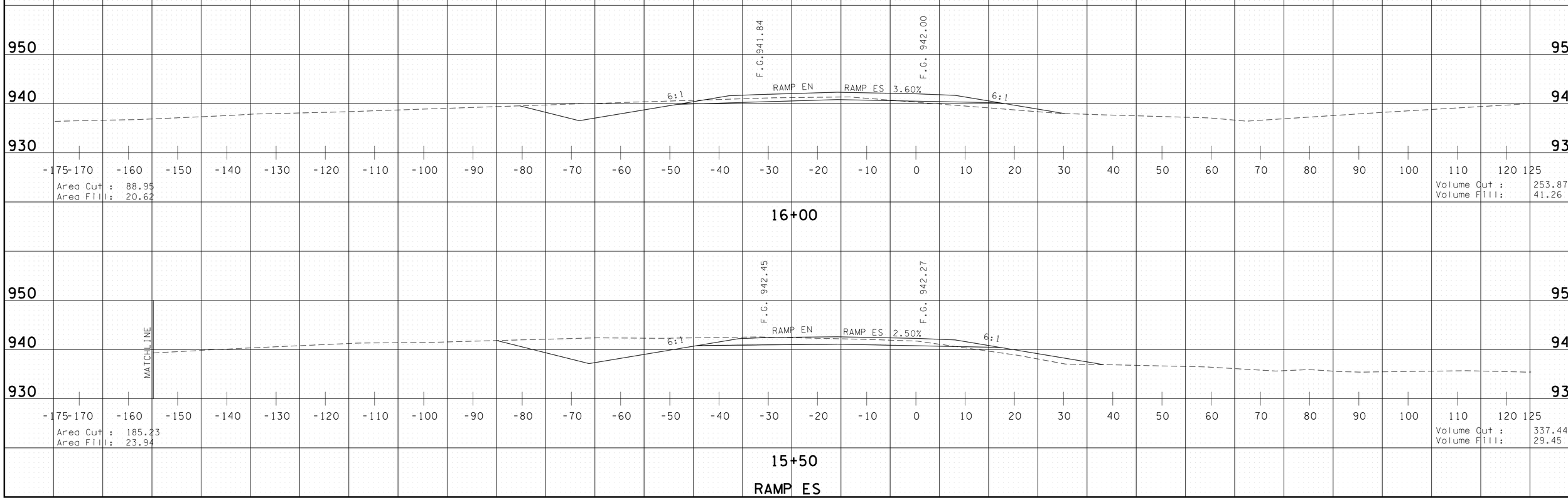
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	536



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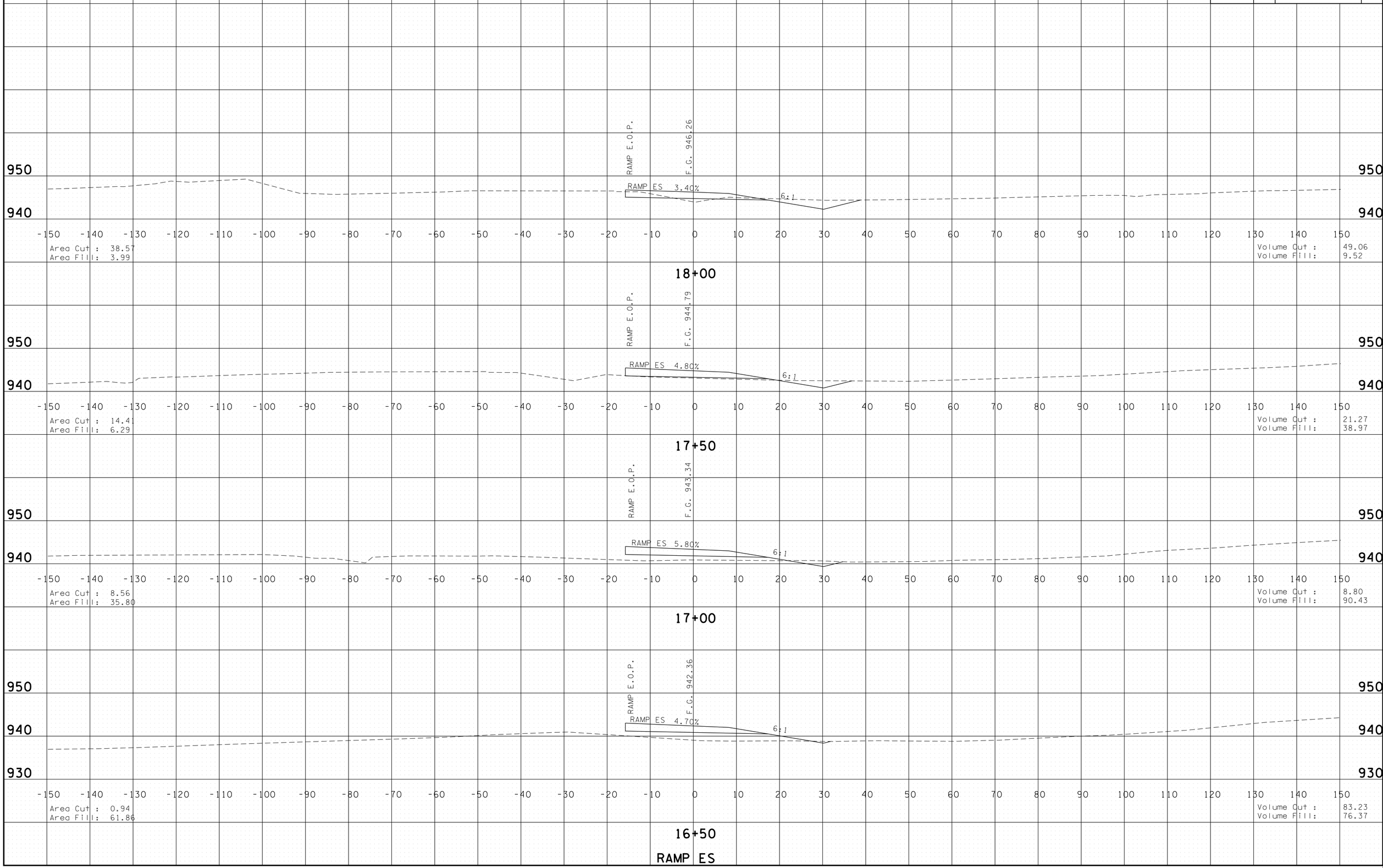
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	537



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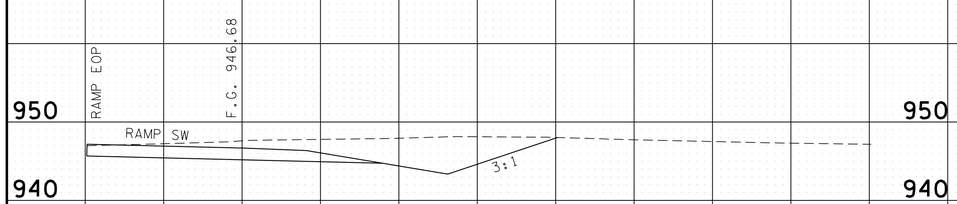
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	538



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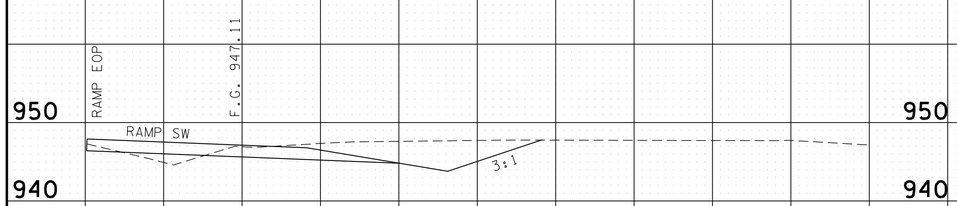
Area Fill: 0.00

Volume Cut : 226.00
Volume Fill: 6.62

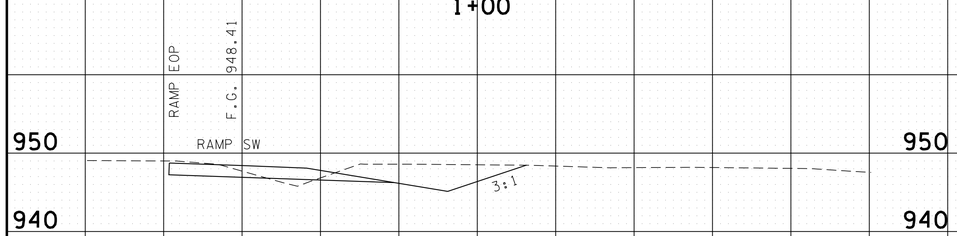
1+50



Area Cut : 91.25
Area Fill: 7.15

Volume Cut : 108.97
Volume Fill: 9.20

1+00



Area Cut : 26.44
Area Fill: 2.79

0+50

RAMP SW

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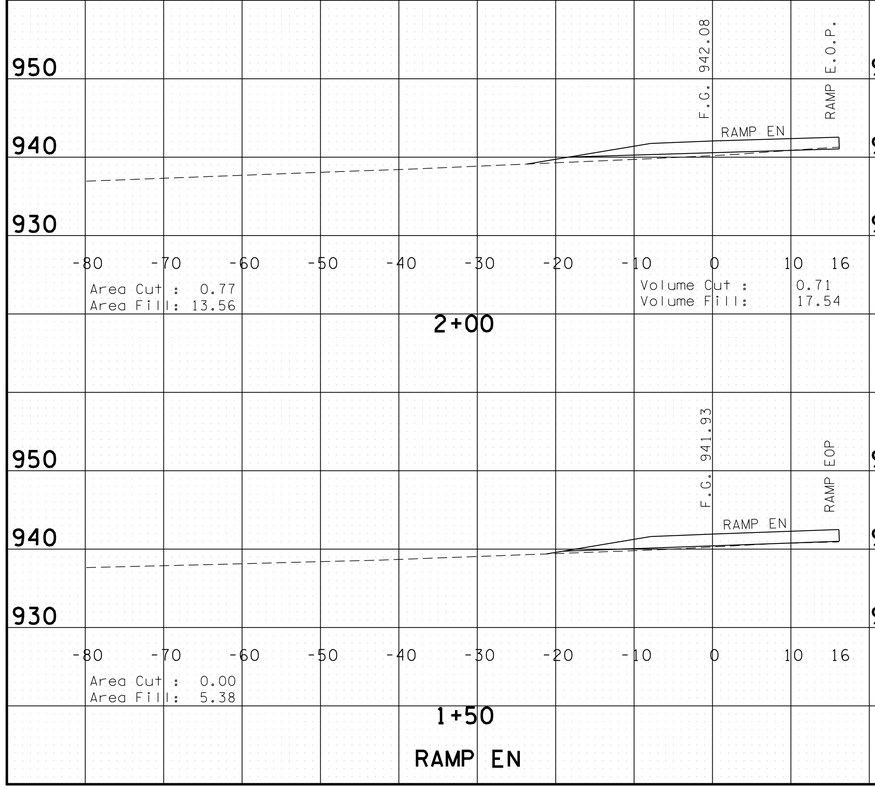
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15 (180)	539



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