R.O.W. PLANS REVISION

To: State Right-of-Way Division Director

We Are Submitting Herewith Plans Revision on:

County: Sevier **Project # :** HPP/NH-71(16), 78008-2250-14
PIN : 104959.01

Description of Project: SR-71 (US-441), From SR-35/338 (US-411) to Macon Lane

Description of Revision:

1. Pulled in ROW and replaced it with easements on Tract 5.
2. Added footnote to acquisition table that the construction easement is for 6 months on Tracts 8 and 45.
3. Added septic to both houses on Tract 12.
4. Labeled sign on Tract 13.
5. Added sign on Tract 16.
6. Added proposed permanent easement for retaining wall tie backs, revised other easements, and added fencing to Tract 23.
7. Subdivided Tract 26.
8. Revised driveway on Tract 31 to allow access to Tract 30.
9. Changed the slope easement to construction easement on Tract 37B.
10. Added existing parking spaces on Tract 53.
11. Revised existing property lines for Tracts 8 and 59.

Sheets Revised (Nos.): (21 sheets) 3, 3B, 3C, 4, 4A, 5, 6, 6A, 7, 7A, 7B, 8, 8A, 16, 68-72, 99, 100 **Plan Revision Date:** 06/13/16

Sheets Added (Nos.): NONE
Sheets Eliminated (Nos.): NONE

Design Division
By: Freddy Miller
Date: 06/13/16

Plans placed on FileNet:

Filenames: 104959-01-ROW-REV-06-13-16.pdf (and ZIP) Added 06/13/16.

E-mail notifications with attached pdf of the letter and revised sheets

cc:

Regional Right-of-Way Manager, Region 1
Environmental Division

R.O.W. PLANS REVISION

To: State Right-of-Way Division Director

We Are Submitting Herewith Plans Revision on:

County: Sevier **Project # :** HPP/NH-71(16), 78008-2250-14

PIN : 104959.01

Description of Project: SR-71 (US-441), From SR-35/338 (US-411) to Macon Lane

Description of Revision:

1. Moved WWC-1 label and added rip rap label on sheet 4B.
2. Labeled rip rap apron dimensions on sheets 5B, 6B, 8B, and 24.
3. Labeled rip rap width on sheet 8B.
4. Removed note (20) on sheet 25.
5. Changed the word phase to stage on sheets 26-43.
6. Added Type 1 Inlet Protection, note for WWC-1 Sediment Tube to legend on Sheet 26.
7. Added ERCD and moved Outfall 4 to this location. Added outfall 4a on Sheet 27.
8. Added culvert protection at Shady Lane and sediment tubes along top of slope on Sheet 28
9. Added sediment tubes, Type I Inlet Protection and Outfall 5A label on Sheet 29.
10. Added silt fence with backing, ERCD 7A, Outfall label 7B, and temporary construction entrance; relocated ERCD Outfall 8 and highlighted diversion ditch on Sheet 30.
11. No revisions to Sheet 31.
12. Moved WWC-1 label, added note regarding EPSC measures and added Sediment Tube to the legend on Sheet 32.
13. Added ERCD and moved Outfall 4 to this location on Sheet 33.
14. Added sediment tubes along driveway ditches and changed ERCD to regular check dam at shady lane on Sheet 34.
15. Added outfall numbers 5A and 5B, added ERCD as outfall 10 and added sediment tubes in driveway ditches on Sheet 35.
16. Added ERCD 7A and revised outfall numbers on Sheet 36
17. Changed outfall number 8 to 9 on Sheet 37.
18. Moved WWC label to relocated channel location on Sheet 38.
19. No revisions to Sheets 39-41.
20. Changed outfall number 7 to 8 and added outfall 7 in new location on Sheet 42.
21. Changed outfall number 8 to 9 on Sheet 43.

Sheets Revised (Nos.): (24 sheets) 4B, 5B, 6B, 8B, 24-43

Plan Revision Date: 04/28/16

Sheets Added (Nos.): NONE

Sheets Eliminated (Nos.): NONE

Design Division

By: Freddy Miller

Date: 05/03/16

Plans placed on FileNet:

Filenames: 104959-01-ROW-REV-04-28-16.pdf (and ZIP) Added 05/03/16.

E-mail notifications with attached pdf of the letter and revised sheets

cc:

Regional Right-of-Way Manager, Region 1
Environmental Division

R.O.W. PLANS REVISION

To: State Right-of-Way Division Director

We Are Submitting Herewith Plans Revision on:

County: Sevier **Project # :** HPP/NH-71(16), 78008-2250-14
PIN : 104959.01

Description of Project: SR-71 (US-441), From SR-35/338 (US-411) to Macon Lane

Description of Revision:

1. Revised environmental features in accordance with information from a 02/23/16 field investigation with Region 1 Project Development. Locations of WWC/EPH 1-4 and STR-1 were updated.

Sheets Revised (Nos.): (8 sheets) 4, 4A, 4B, 5, 5A, 5B, 8, 8B **Plan Revision Date:** 03/07/16

Sheets Added (Nos.): NONE **Design Division**
Sheets Eliminated (Nos.): NONE **By:** Freddy Miller
Date: 03/07/16

Plans placed on FileNet:
Filenames: 104959-01-ROW-REV-03-07-16.pdf (and ZIP) Added 03/07/16.

E-mail notifications with attached pdf of the letter and revised sheets

cc:
Regional Right-of-Way Manager, Region 1
Environmental Division

R.O.W. PLANS REVISION

To: State Right-of-Way Division Director

We Are Submitting Herewith Plans Revision on:

County: Sevier **Project # :** HPP/NH-71(16), 78008-2250-14
PIN : 104959.01

Description of Project: SR-71 (US-441), From SR-35/338 (US-411) to Macon Lane

Description of Revision:

1. Revised proposed slopes and easements on tract no. 2 to avoid existing billboard.
2. Revised acquisition table for tract no. 2.
3. Multiple revisions made based on Permit Assessment 3.

Sheets Revised (Nos.): (16 sheets) 2F, 3, 3B, 3C, 4, 4A, 4B, 4C, 5, 5B, 8, 8B, 8C, 24, 42, 104 **Plan Revision Date:** 02/11/16

Sheets Added (Nos.): NONE
Sheets Eliminated (Nos.): NONE

Design Division
By: Freddy Miller
Date: 02/11/16

Plans placed on FileNet:
Filenames: 104959-01-ROW-REV-02-11-16.pdf (and ZIP) Added 02/11/16.

E-mail notifications with attached pdf of the letter and revised sheets

cc:
Regional Right-of-Way Manager, Region 1
Environmental Division

R.O.W. PLANS REVISION

To: State Right-of-Way Division Director

We Are Submitting Herewith Plans Revision on:

County: Sevier **Project # :** HPP/NH-71(16), 78008-2250-14
PIN : 104959.01

Description of Project: SR-71 (US-441), From SR-35/338 (US-411) to Macon Lane

Description of Revision:

1. Added topo for new development on tract no. 8. Revised slopes, Proposed ROW and easements. Added retaining wall from station 158+40 to 160+25. Adjusted proposed driveway location.
2. Added topo for new developments on tract no. 37. Added tract nos. 37A and 37B for subdivided tracts. Adjusted driveway shape and drainage design for the new developments.
3. Revised acquisition table for tract nos. 8, 26, and 37. Added tract nos. 37A and 37B.
4. Revised labeling of envir. boundaries in accordance with the EB Report dated 09/28/15.
5. Updated above changes to Erosion Control sheets, and other miscellaneous sheets.
6. Revised in accordance with Plan Revision Request, dated 10/13/15.

Sheets Revised (Nos.): (39 sheets) 1, 2, 2G, 3 - 3C, 4 - 4C, 5 - 5B, 8 – 8B, 13, 16, 21, 23, 24, 26, 27, 30, 32, 33, 36, 38, 39, 42, 51-55, 86-88

Plan Revision Date: 11/05/15

Sheets Added (Nos.): NONE

Sheets Eliminated (Nos.): NONE

Design Division
By: Freddy Miller
Date: 11/13/15

Plans placed on FileNet:

Filenames: 104959-01-ROW-REV-11-05-15.pdf (and ZIP) Added 11/13/15.

E-mail notifications with attached pdf of the letter and revised sheets

cc:

Regional Right-of-Way Manager, Region 1
Environmental Division

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

TENN.	YEAR	SHEET NO.
	2015	1
FED. AID PROJ. NO.	HPP/NH-71(16)	
STATE PROJ. NO.	78008-2250-14	

REV. 11/05/15 CHANGED DESIGNER.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SEVIER COUNTY

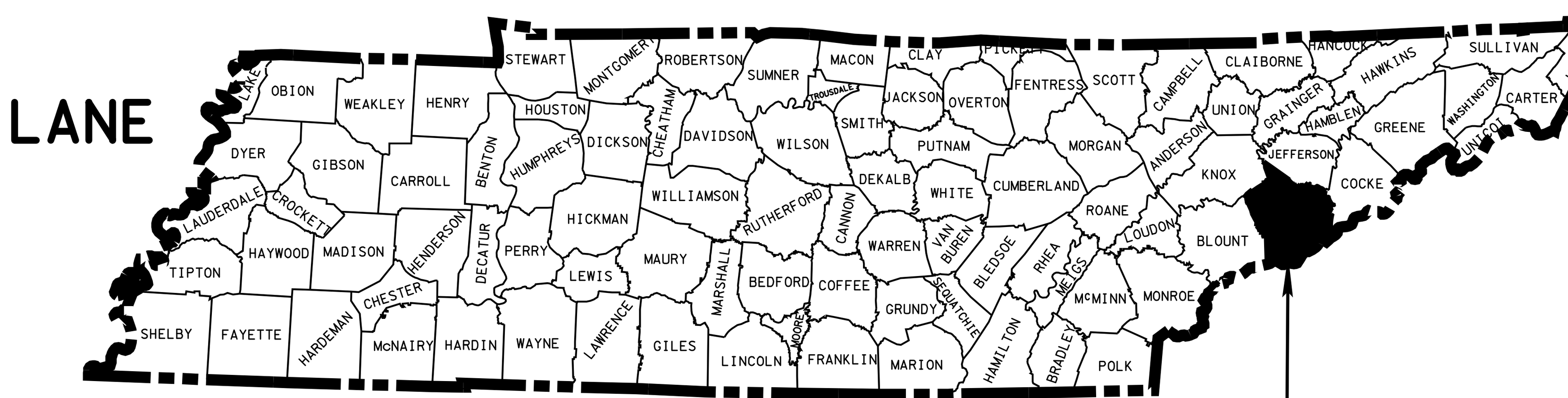
SR-71 (US-441), FROM SR-35/SR-338 (US-411) TO MACON LANE

RIGHT-OF-WAY

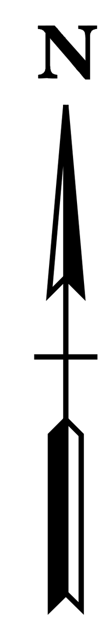
STATE HIGHWAY NO. 71   F.A.H.S. NO. 441

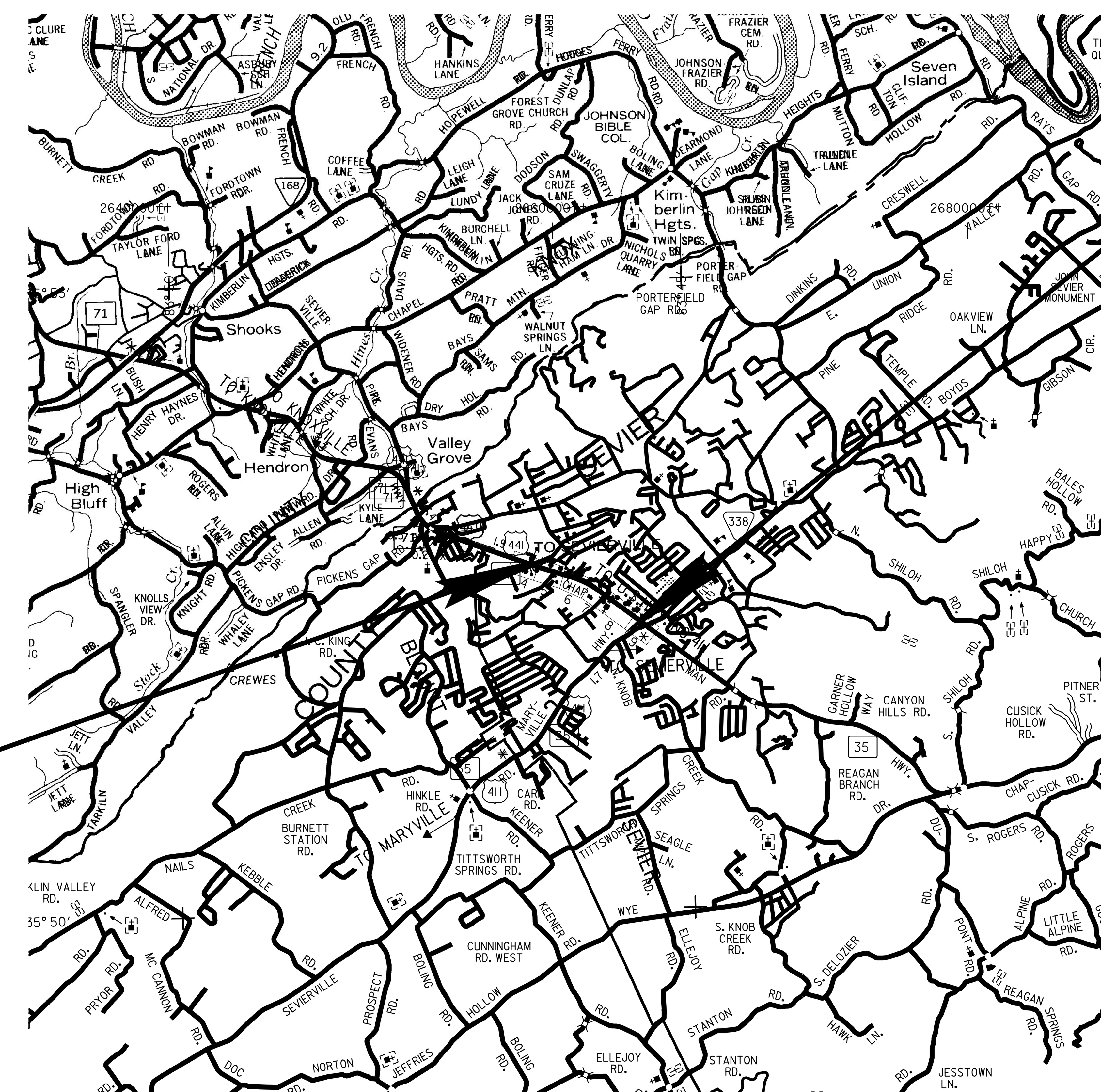
Index Of Sheets

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2,2A-2H	TYPICAL SECTIONS
3-3A	PROPERTY MAPS
3B-3C	R.O.W. ACQUISITION TABLES
3D	R.O.W. NOTES AND UTILITY OWNERS
4-9	PRESENT LAYOUTS
4A-9A	R.O.W. LAYOUTS
4B-9B	PROPOSED LAYOUTS
4C-9C	PROPOSED PROFILES
10-12	PROFILE OF SIDE ROADS AND STREETS
13-20	PRIVATE DRIVE PROFILES
21-23	DRAINAGE MAPS
24	CULVERT CROSS SECTIONS
25	EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) NOTES
26-31	EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS PHASE 1
32-37	EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS PHASE 2
38-43	EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS PHASE 3
44-46	SIGNAL LAYOUTS
47-95	ROADWAY CROSS SECTIONS
96-123	SIDE ROAD CROSS SECTIONS



FEDERAL PROJ. NO. HPP/NH-71(16)
STATE PROJ. NO. 78008-2250-14
SEVIER COUNTY



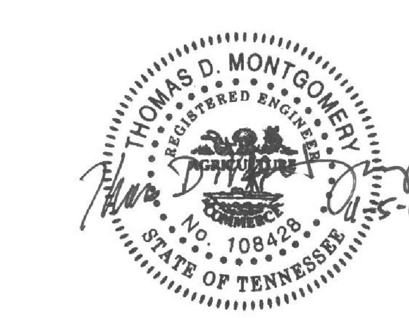


END FEDERAL PROJ. NO. HPP/NH-71(16)
STATE PROJ. NO. 78008-2250-14
STA. 210+55.00 (R.O.W.)
LOG MILE 28.82

BEGIN FEDERAL PROJ. NO. HPP/NH-71(16)
STATE PROJ. NO. 78008-2250-14
STA. 149+91.20 (R.O.W.)
LOG MILE 29.97

SCALE: 1"= 5280

R.O.W. PLANS



NO EXCLUSIONS
NO EQUATIONS

APPROVED: PAUL D. DEGGES, CHIEF ENGINEER

DATE:

APPROVED: JOHN SCHROER, COMMISSIONER

TRAFFIC DATA

ADT (2017)	35,370
ADT (2037)	56,590
DHV (2037)	6,075
D	65 - 35
T (ADT)	2 %
T (DHV)	1 %
V	45 MPH

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

R.O.W. LENGTH   1.148 MILES

SURVEY COMPLETED SEPTEMBER 1, 2010

TDOT C.E. MANAGER 2 FREDERICK MILLER
DESIGNED BY MICHAEL BAKER INTERNATIONAL, LLC
DESIGNER THOMAS MONTGOMERY, P.E.   CHECKED BY TIM LEWIS, P.E.

P.E. NO. 78008-1244-14

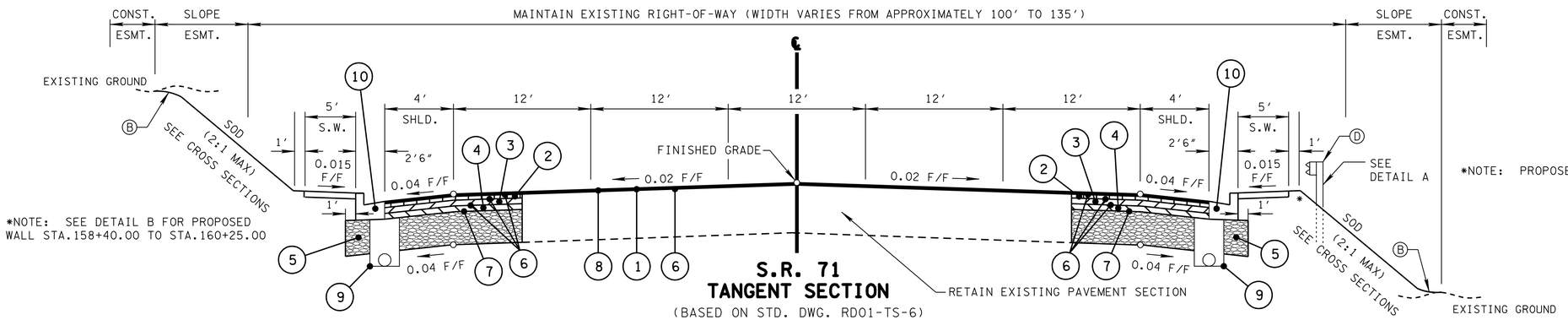
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

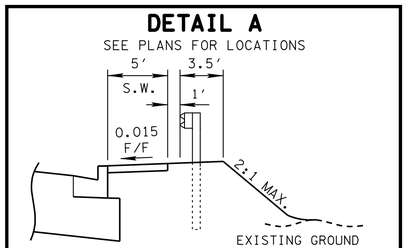
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2

REV. 11/05/15 ADDED DETAIL B FOR PROPOSED WALL.



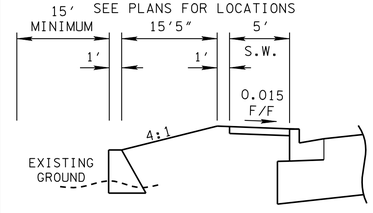
S.R. 71
TANGENT SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 149+91.20 TO STA. 168+97.31
STA. 189+84.81 TO STA. 192+32.00
STA. 195+18.00 TO STA. 205+20.00

DETAIL A

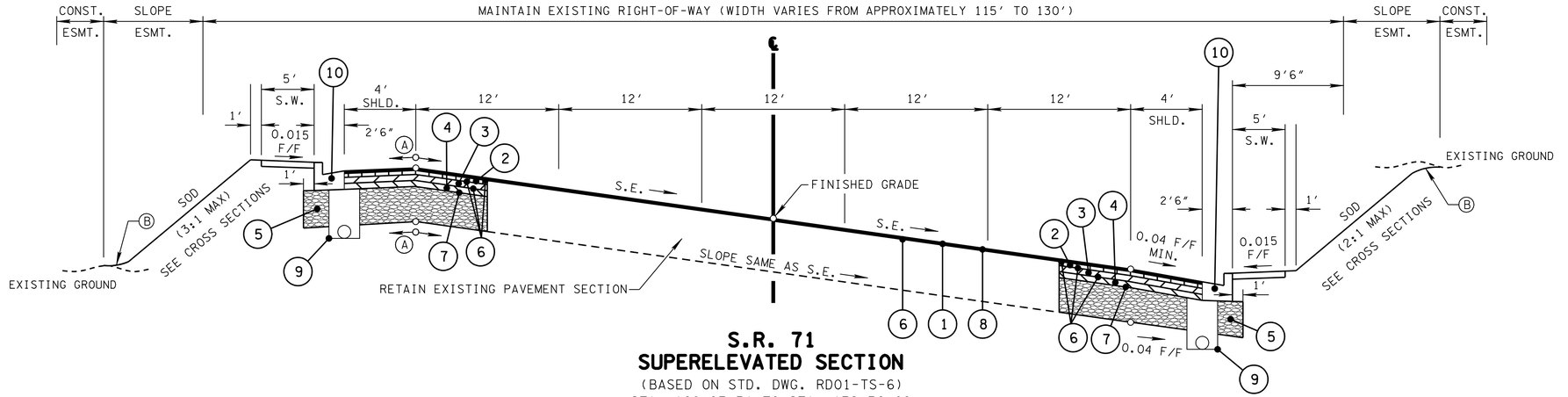


STA. 158+50.00 TO STA. 160+00.00
STA. 162+00.00 TO STA. 162+70.67

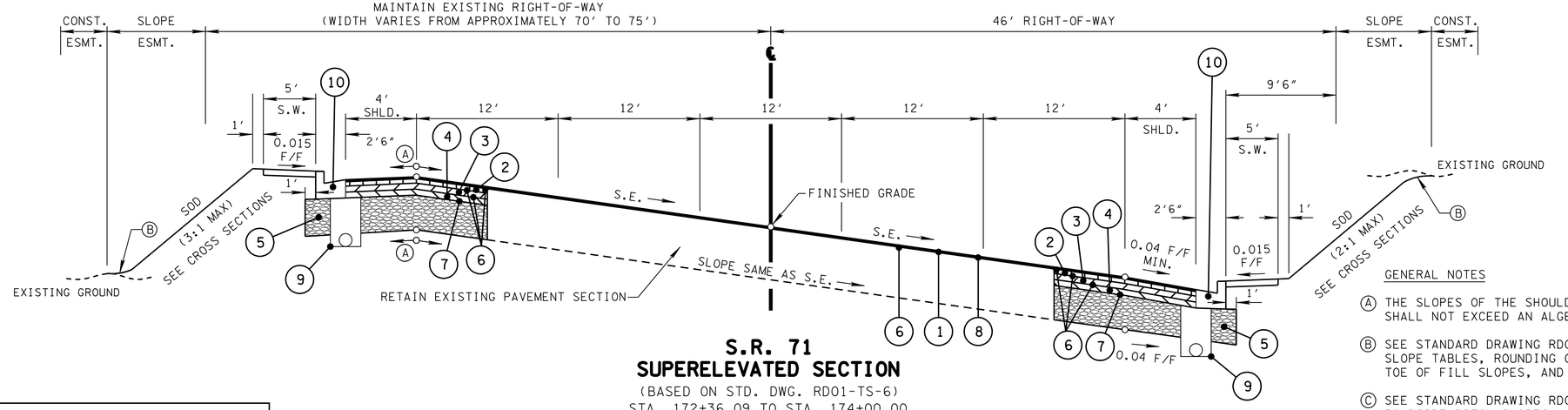
DETAIL B



STA. 158+40.00 TO STA. 160+25.00



S.R. 71
SUPERELEVATED SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 168+97.31 TO STA. 172+36.09
STA. 182+75.00 TO STA. 186+00.00



S.R. 71
SUPERELEVATED SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 172+36.09 TO STA. 174+00.00

GENERAL NOTES

Ⓐ THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

Ⓑ SEE STANDARD DRAWING RD01-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

Ⓒ SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

Ⓓ SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

SEE SHEET 2F FOR PAVING SCHEDULE

R.O.W. PLANS

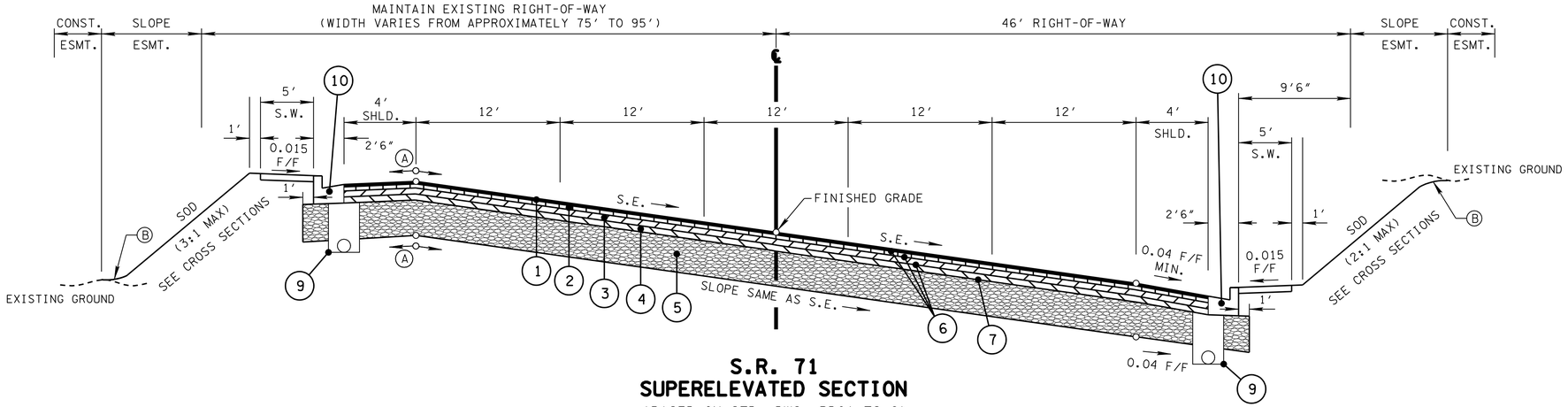
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

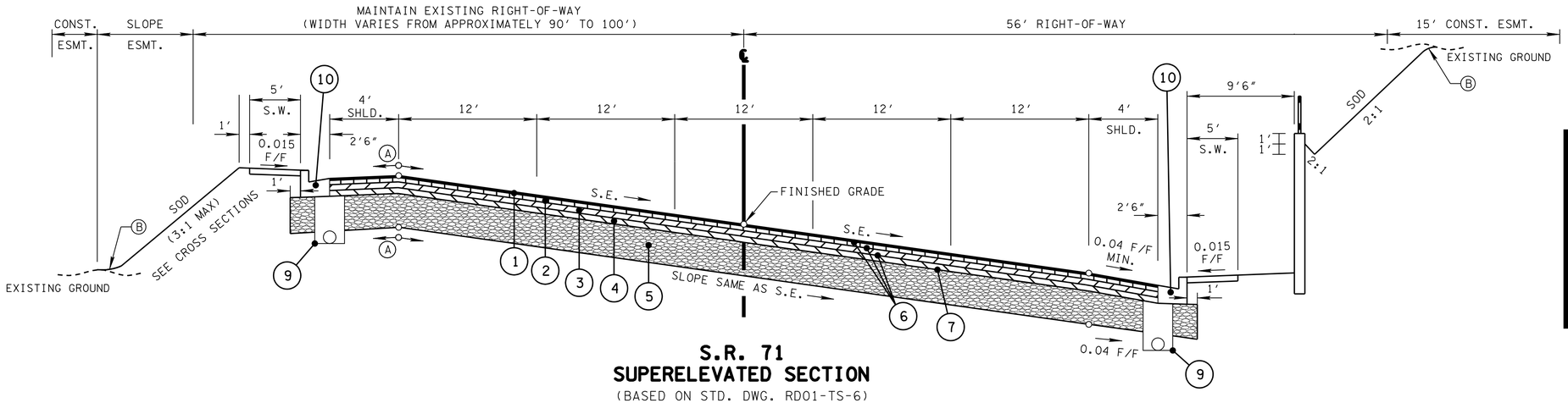
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2A



S.R. 71
SUPERELEVATED SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 174+00.00 TO STA. 176+81.68
STA. 181+71.91 TO STA. 182+75.00



S.R. 71
SUPERELEVATED SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 176+81.68 TO STA. 181+71.91

SEE SHEET 2F FOR PAVING SCHEDULE

GENERAL NOTES

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

(B) SEE STANDARD DRAWING RD01-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

(C) SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

R.O.W. PLANS

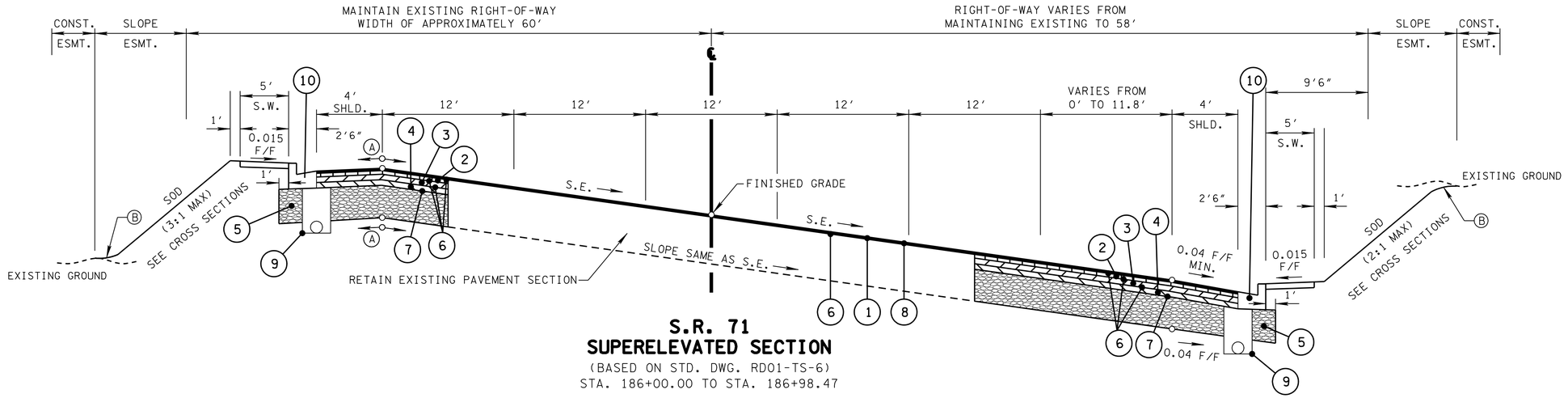
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

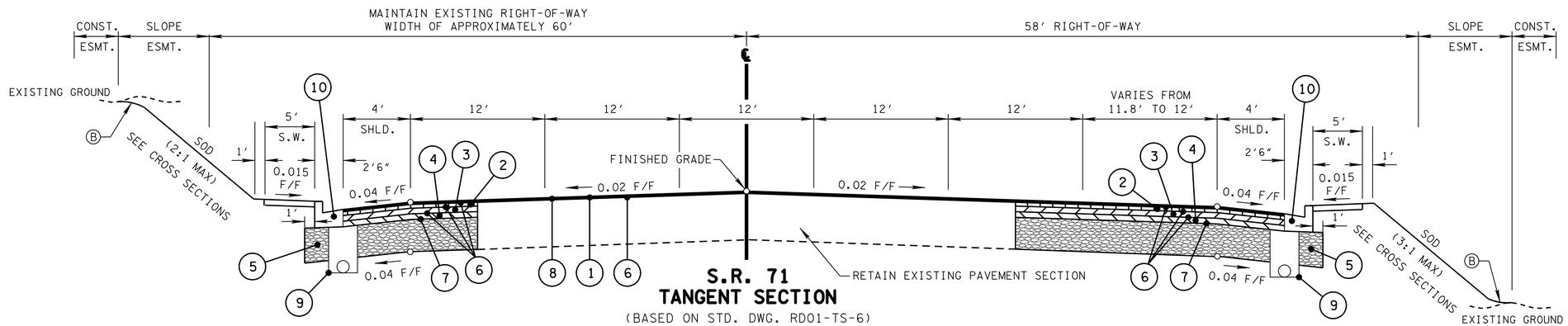
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2B



S.R. 71
SUPERELEVATED SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 186+00.00 TO STA. 186+98.47



S.R. 71
TANGENT SECTION
(BASED ON STD. DWG. RD01-TS-6)
STA. 186+98.47 TO STA. 189+84.81

GENERAL NOTES

Ⓐ THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

Ⓑ SEE STANDARD DRAWING RD01-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

Ⓒ SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

Ⓓ SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

SEE SHEET 2F FOR PAVING SCHEDULE

R.O.W. PLANS

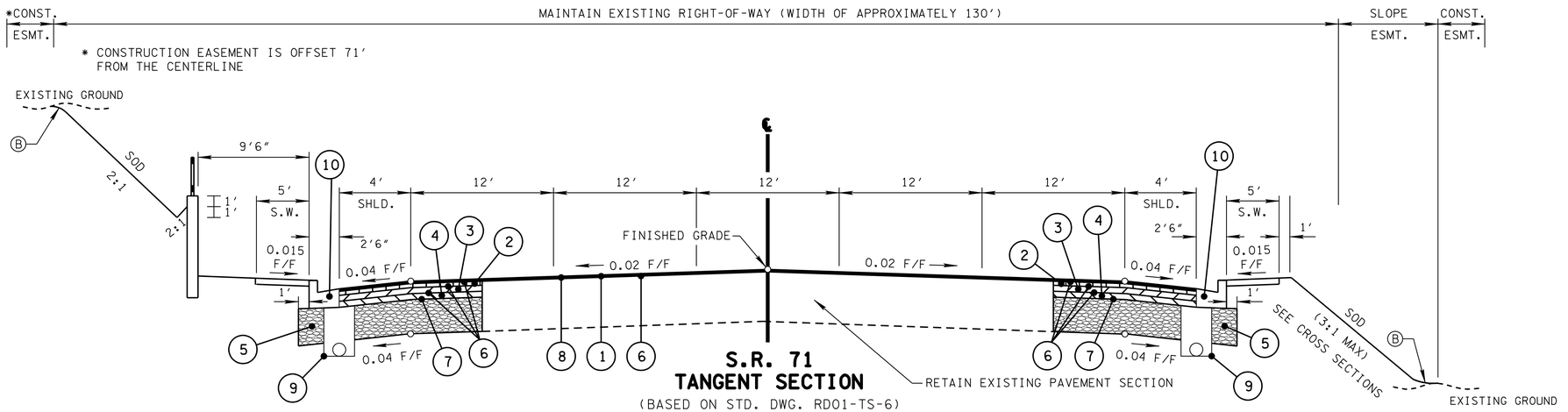
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

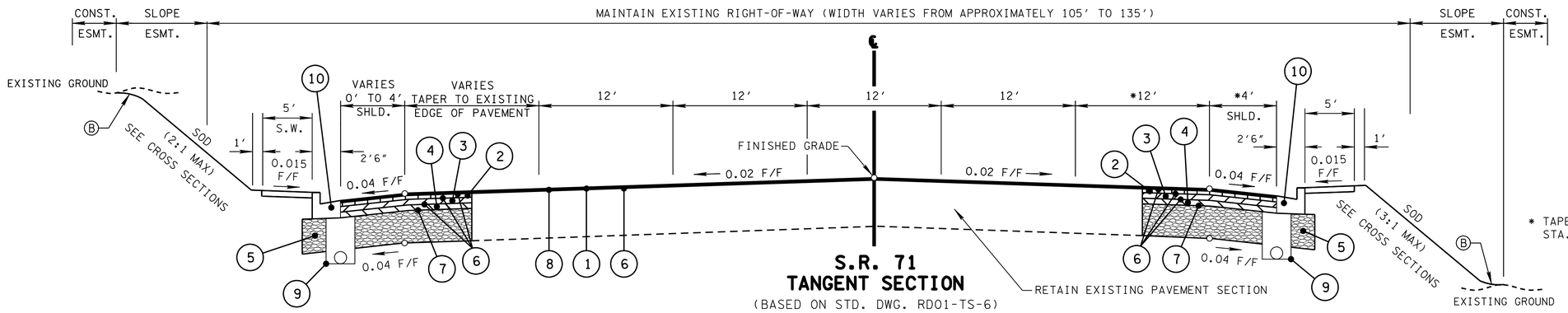
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2C





* TAPER LANE AND SHOULDER TO EXISTING STA. 209+55 TO STA. 210+55 RIGHT

SEE SHEET 2F FOR PAVING SCHEDULE

GENERAL NOTES

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

(B) SEE STANDARD DRAWING RD01-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

(C) SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

R.O.W. PLANS

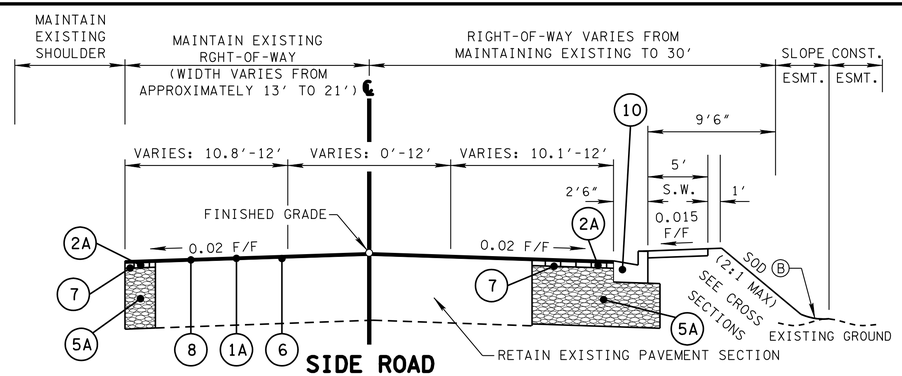
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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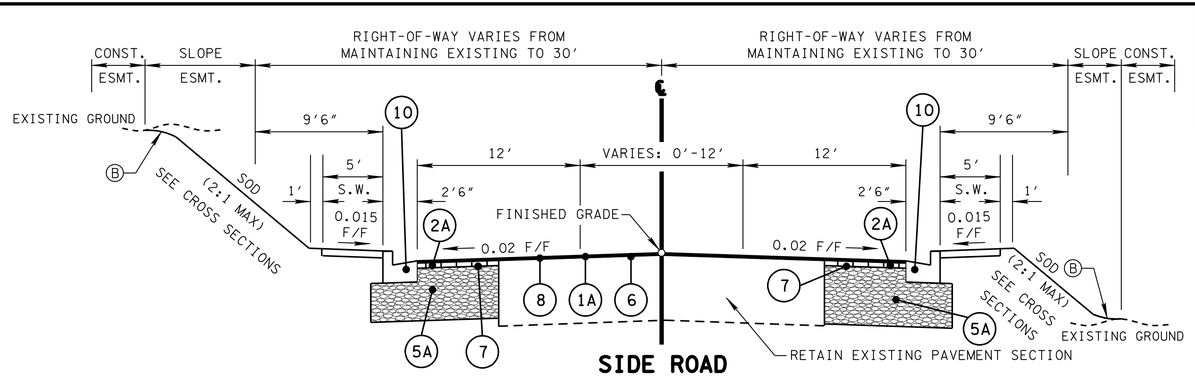
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2D



SIDE ROAD TANGENT SECTION

(BASED ON STD. DWG. RDO1-TS-6A)
STA. 11+00.00 TO STA. 13+12.35 MACON LANE



SIDE ROAD TANGENT SECTION

(BASED ON STD. DWG. RDO1-TS-6A)
STA. 13+12.35 TO STA. 20+95.00 MACON LANE

SIDE ROAD SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1)
STA. 30+30.00 TO STA. 30+52.00 CHAPMAN VIEW DRIVE
STA. 30+86.00 TO STA. 30+90.00 CHAPMAN VIEW DRIVE

SIDE ROAD SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1)
STA. 30+52.00 TO STA. 30+86.00 CHAPMAN VIEW DRIVE

R.O.W. PLANS

SIDE ROAD SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1A)
STA. 40+30.00 TO STA. 42+18.78 VALERIE WAY
STA. 50+40.00 TO STA. 51+87.77 SHADY LANE

SEE SHEET 2F FOR PAVING SCHEDULE

GENERAL NOTES

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

(B) SEE STANDARD DRAWING RDO1-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

(C) SEE STANDARD DRAWING RDO1-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

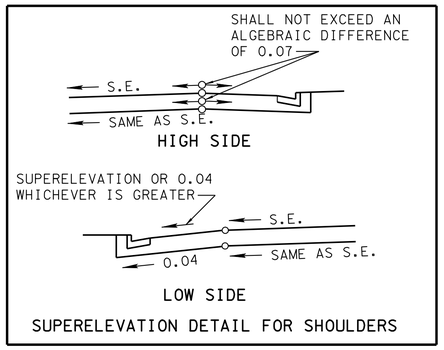
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

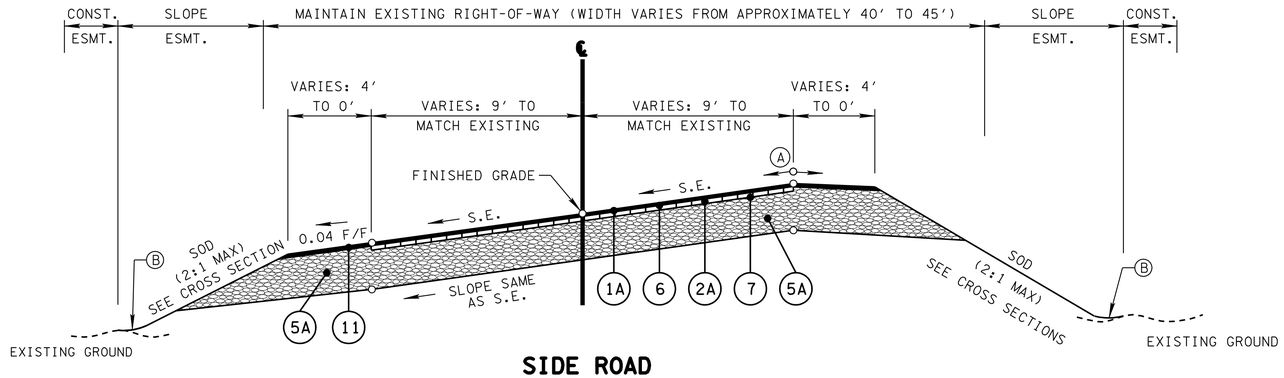
TYPICAL SECTIONS

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DESIGN DIVISION
FILE NO.

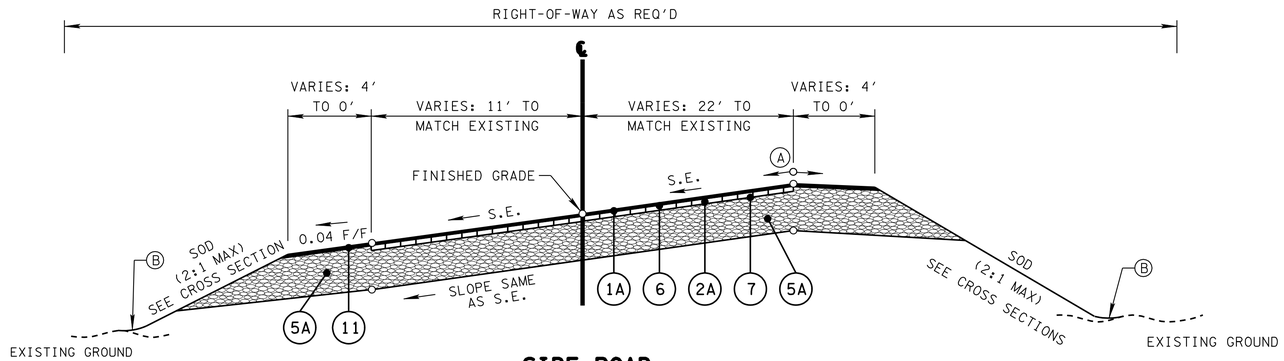
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2E





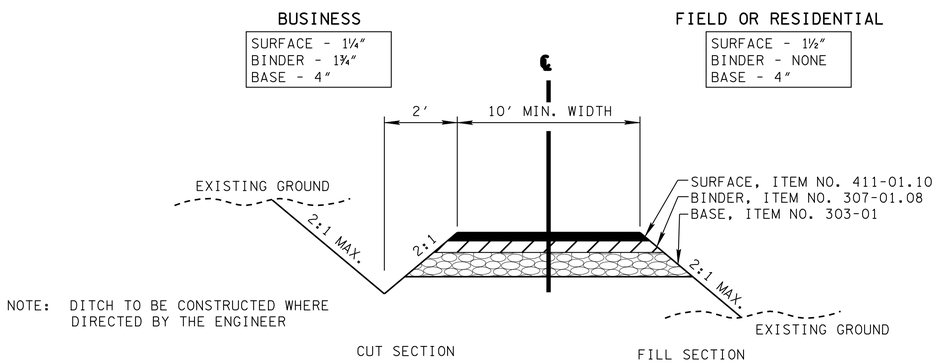
SIDE ROAD SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1)
STA. 70+60.00 TO STA. 71+87.40 HUTCHESON ROAD



SIDE ROAD SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1)
STA. 72+60.51 TO STA. 74+65.00 SIMMONS ROAD



TYPICAL SECTION

PRIVATE DRIVE TO BUSINESS, FIELD, OR RESIDENTIAL PROPERTY

SEE SHEET 2F FOR PAVING SCHEDULE

GENERAL NOTES

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7.00%.

(B) SEE STANDARD DRAWING RDO1-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT.

(C) SEE STANDARD DRAWING RDO1-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD ROADWAY DRAWINGS FOR GUARDRAIL PLACEMENT AND FLARE DETAILS.

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2F

REV. 02/11/16 REVISED SPECIAL DITCHES TABLE.

PROPOSED PAVEMENT SCHEDULE S.R. 71

(1) **BITUMINOUS SURFACING (ROADWAY) @ 1¼" THICK (APPROX. 132.5 LB/SY)**
411-02.10 ACS MIX (PG70-22) (BPMB-HM) GRADING "D"

(2) **BITUMINOUS BINDER (ROADWAY) @ 2" THICK (APPROX. 226 LB/SY)**
307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"

(3) **BITUMINOUS BASE (ROADWAY) @ 3" THICK (APPROX. 345 LB/SY)**
307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"

(4) **BITUMINOUS BASE (ROADWAY) @ 3" THICK (APPROX. 270 LB/SY)**
307-02.02 ASPHALT CEMENT (PG70-22) (BPMB-HM) GRADING "A-S"
307-02.03 AGGREGATE (BPMB-HM) GRADING "A-S" MIX

(5) **MINERAL AGGREGATE BASE - 10" DEPTH (ROADWAY)**
303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"

(6) **TACK COAT (GENERAL USE) @ 0.07 GAL/SY (MILL & OVERLAY) @ 0.10 GAL/SY**
403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)

(7) **PRIME COAT**
402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) 0.30-0.35 GAL/SY
402-02 AGGREGATE FOR COVER MATERIAL (PC) 8-12 LB/SY

(8) **COLD PLANING (1¼"+/-)**
415-01.01 COLD PLANING BITUMINOUS PAVEMENT

(9) **UNDERDRAIN**
710-02 AGGREGATE UNDERDRAINS (WITH PIPE)
(SEE STD. DWG. RD-UD-3 DETAIL "A")

(10) **CONCRETE CURB & GUTTER**
702-03 CONCRETE COMBINED CURB & GUTTER TYPE 6-30
(SEE STD. DWG. RP-NMC-10)

PROPOSED PAVEMENT SCHEDULE SIDE ROADS

(1A) **BITUMINOUS SURFACING (ROADWAY) @ 1¼" THICK (APPROX. 132.5 LB/SY)**
411-01.10 ACS MIX (PG64-22) (BPMB-HM) GRADING "D"

(2A) **BITUMINOUS BINDER (ROADWAY) @ 2" THICK (APPROX. 226 LB/SY)**
307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"

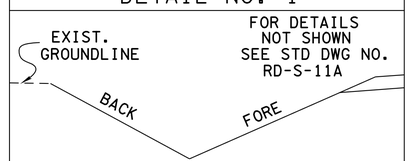
(5A) **MINERAL AGGREGATE BASE - 10" DEPTH (ROADWAY) 11.75" DEPTH (SHOULDER)**
303-01 MINERAL AGGREGATE, TYPE "A" BASE GRADING "D"

(11) **BITUMINOUS SURFACING (SHOULDERS) @ 1½" THICK (APPROX. 154.5 LB/SY)**
411-01.07 ACS MIX (PG64-22) GRADING "E" SHOULDER

SPECIAL DITCHES

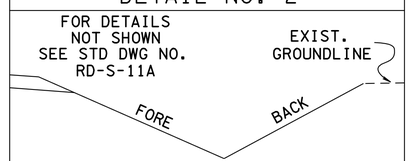
ROAD	STATION FROM	STATION TO	SLOPE FORE (H/V)	SLOPE BOTTOM WIDTH (FT.)	SLOPE BACK (H/V)	DETAIL NO.	TYPE
SR 71/US 411	151+50	152+00	3:1	5	2:1	4	TRM
SR 71/US 411	157+85	158+00	3:1	3	2:1	4	RIP-RAP (A1-1)
SR 71/US 411	158+00	158+50	3:1	3	4:1	4	RIP-RAP (A1-1)
SR 71/US 411	158+50	158+90	3:1	3	3:1	4	RIP-RAP (A1-1)
SR 71/US 411	163+50	165+50	3:1	0	2:1	2	TRM
SR 71/US 411	169+00	169+50	3:1	0	4:1	1	TRM
SR 71/US 411	169+50	171+00	3:1	0	2:1	1	TRM
SR 71/US 411	197+00	200+92.97	3:1	0	2:1	1	TRM
SR 71/US 411	200+92.97	201+42.97	3:1	0	2:1	1	RIP-RAP (C)
W. MACON LN	16+42.07	16+75	3:1	5	3:1	3	TRM
W. MACON LN	16+75	20+85	3:1	5	2:1	3	TRM
VALERIE WAY	40+50	41+00	2:1	0	2:1	1	TRM
VALERIE WAY	41+00	41+50	3:1	0	2:1	1	TRM
SHADY LANE	50+50	50+75	2:1	0	2:1	1	TRM
SHADY LANE	50+75	51+25	2:1	0	3:1	1	TRM
SHADY LANE	51+25	51+50	3:1	0	3:1	1	TRM
HUTCHESON	71+00	71+50	3:1	0	3:1	2	TRM

DETAIL NO. 1



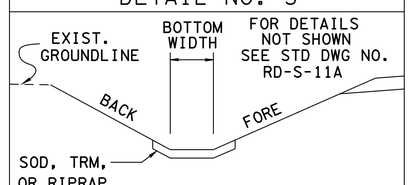
PROP. LT. "V" BOTTOM
SODDED, TRM, OR RIPRAPED DITCH

DETAIL NO. 2



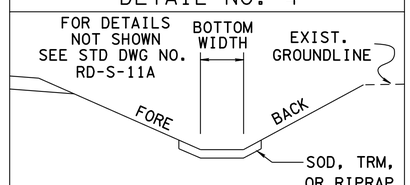
PROP. RT. "V" BOTTOM
SODDED, TRM, OR RIPRAPED DITCH

DETAIL NO. 3



PROP. LT. FLAT BOTTOM
SODDED, TRM, OR RIPRAPED DITCH

DETAIL NO. 4



PROP. RT. FLAT BOTTOM
SODDED, TRM, OR RIPRAPED DITCH

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2G

REV. 11/05/15 REMOVED STRUCTURE A7.10.

CATCH BASINS AND MANHOLES

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS										
										TYPE 3 611-01.01 0' - 4'	TYPE 3 611-01.02 4' - 8'	TYPE 3 611-01.04 12' - 16'	TYPE 3 611-01.05 16' - 20'	TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 4' - 8'	TYPE 12 611-12.05 16' - 20'	TYPE 14 611-14.02 4' - 8'	TYPE 38 611-38.01 0' - 4'	TYPE 38 611-38.04 12' - 16'	TYPE 38 611-42.02 4' - 8'
4		152+22.56	36	STR-A0.2	1064.84	CB#12	8X8	6.25							1						
4		152+87.52	-55.98	STR-B2.7	1063.05	CB#38	4X4	3											1		
4		152+92.68	-36	STR-B1.1	1065.82	CB#12	5X5	5.4							1						
4		153+03.32	-48.47	STR-B1.0	1064.97	MH#3	5'2"X5'2"	4.95			1										
4		154+37.50	36	STR-A1.2	1068.63	CB#12	4X4	3						1							
4		155+23.83	-36	STR-B1.2	1071.18	CB#12	4X4	3						1							
4		156+37.15	36	STR-A1.3	1075.16	CB#12	4X4	2						1							
4		11+61.10	-12	STR-B2.3	1065.9	CB#38	4X4	3											1		
4		11+61.10	6	STR-B2.2	1065.9	MH#3	5'2"X5'2"	3		1											
4		11+61.10	13	STR-B2.4	1065.9	CB#12	4X4	3.18						1							
4		13+11.17	19.963	STR-B2.5	1066	CB#12	4X4	3.62						1							
4		13+42.78	21.28	STR-B2.6	1065.97	MH#3	5'2"X5'2"	3.65		1											
4		15+41.12	18.96	STR-B2.9	1064.74	CB#12	4X4	3.04						1							
4		17+61.06	-19.99	STR-M4.2	1061.4	CB#12	4X4	3						1							
4		20+76.34	-13.05	STR-M1.2	1053.27	CB#12	4X4	3						1							
4		20+88.29	-13.61	STR-M2.1	1052.6	CB#12	4X4	3						1							
5		157+05.89	-36	STR-B1.3	1078.3	CB#12	4X4	3						1							
5		158+36.52	36	STR-A2.2	1085.73	CB#12	4X4	2						1							
5		160+22.72	-36	STR-B1.4	1096.99	CB#12	4X4	3						1							
5		161+18.72	36	STR-A2.3	1102.79	CB#12	4X4	2						1							
5		162+29.53	36	STR-A2.7	1109.81	CB#12	4X4	3.95						1							
5		162+80.46	80.47	STR-A2.6	1111.52	CB#12	4X4	4.9							1						
5		163+17.75	83.78	STR-A2.4	1112.48	CB#12	4X4	5.72							1						
5		163+28.66	-36	STR-B1.5	1115.25	CB#12	4X4	3						1							
5		164+12.30	36	STR-A3.2	1120.06	CB#12	4X4	2						1							
5		165+75.00	36	STR-A3.3	1129.65	CB#12	4X4	2						1							
5		166+95.84	36	STR-A3.4	1136.98	CB#12	4X4	2						1							
5		167+05.80	-36	STR-A3.6	1137.58	CB#12	4X4	1.5						1							
5		168+57.37	36	STR-A3.5	1146.78	CB#12	4X4	1.5						1							
5		169+27.94	-36	STR-A3.7	1151.43	CB#12	4X4	1.5						1							
6		169+97.97	36	STR-A4.2	1155.31	CB#12	4X4	1.5						1							
6		171+19.91	36	STR-A4.3	1162.7	CB#12	4X4	1.5						1							
6		172+35.70	-36	STR-A4.9	1171.2	CB#12	4X4	1.5						1							
6		172+43.04	36	STR-A4.4	1170.17	CB#12	4X4	1.5						1							
6		174+36.73	36	STR-A4.5	1180.97	CB#12	4X4	1.5						1							
6		174+41.08	-36	STR-A4.7	1182.86	CB#12	4X4	1.5						1							
6		175+69.00	-56	STR-A4.1	1190	CB#38	4X4	3											1		
6		175+76.75	-36	STR-A4.8	1187.88	CB#12	4X4	1.5						1							
6		176+39.15	36	STR-A4.6	1187.78	CB#12	4X4	1.5						1							
6		179+75.41	36	STR-A5.9	1188.36	CB#12	4X4	3						1							
6		181+22.94	36	STR-A5.8	1184.38	CB#12	4X4	3						1							
7		182+79.58	-36	STR-A5.11	1179.01	CB#12	4X4	3						1							
7		182+83.52	36	STR-A5.7	1177.12	CB#12	4X4	3						1							
7		184+54.94	36	STR-A5.6	1166.99	CB#12	4X4	3						1							
7		184+63.00	50.5	STR-A5.0	1166	CB#38	4X4	2											1		
7		185+35.01	-36	STR-A5.10	1163.93	CB#12	4X4	3						1							
7		185+90.00	36	STR-A5.5	1158.93	CB#12	4X4	3						1							
7		187+21.03	48	STR-A5.4	1151.11	CB#12	4X4	3						1							
7		188+86.29	48	STR-A5.3	1141.25	CB#12	4X4	3						1							
7		189+20.78	-36	STR-B3.3	1139.24	CB#12	4X4	3						1							
7		190+45.85	-61.44	STR-E1.1	1125.4	CB#38	4X4	14.12												1	
7		190+55.50	36	STR-A5.2	1130.99	CB#12	4X4	3						1							
7		190+62.00	-36	STR-B3.2	1130.44	CB#12	4X3	19.34								1					
7		191+06.58	44.21	STR-A5.1	1128	MH#3	5'2"X5'2"	18.28				1									
7		191+42.00	36	STR-A6.7	1125.74	CB#12	4X4	3.5						1							
7		192+25.57	-36	STR-B4.7	1120.67	CB#12	4X4	3.5						1							
7		192+49.00	36	STR-A6.6	1119.25	CB#12	4X4	3.5						1							
7		193+72.00	36	STR-A6.5	1111.78	CB#12	4X4	4						1							
7		194+00.53	-36	STR-B4.6	1110.05	CB#12	4X4	3.5						1							
7		195+43.01	-36	STR-B4.5	1101.4	CB#12	4X4	3.5						1							
8		195+88.72	36	STR-A6.4	1098.63	CB#12	4X4	4						1							
8		197+18.35	-36	STR-B4.4	1090.76	CB#12	4X4	3.5						1							
8		198+01.45	36	STR-A6.3	1085.71	CB#12	4X4	4						1							
8		198+96.47	-36	STR-B4.3	1079.95	CB#12	4X4	3.5						1							
8		200+08.39	36	STR-A6.2	1073.55	CB#12	4X4	4						1							
8		201+43.19	-36	STR-B4.2	1067.46	CB#12	7X7	18.32								1					
8		201+43.24	62.51	STR-A7.11	1057.16	MH#3	7X7	6.73			1										
8		202+40.30	36	STR-A7.2	1065.8	CB#12	4X4	4						1							
8		202+40.30	-36	STR-B5.3	1065.75	CB#12	4X4	4.39							1						
8		202+62.17	36	STR-A7.3	1065.74	CB#14	8X3	4.03										1			
8		202+62.17	-36	STR-B5.4	1065.69	CB#12	8X3	4.26							1						
8		202+84.03	36	STR-A7.4	1065.81	CB#12	4X4	4						1							
8		202+84.03	-36	STR-B5.5	1065.74	CB#12	4X4	3.5						1							
8		203+93.00	-43.206	STR-B5.8	1067	MH#3	5'2"X5'2"	14.55					1								
8		203+93.00	45	STR-A7.9	1067	MH#3	5'2"X5'2"	13.93					1								
8		204+52.25	36	STR-A7.5	1070.16	CB#12	4X4	3.5						1							
8		205+38.72	-36.23	STR-B5.6	1074.11	CB#12	4X4	3.5						1							
8		206+35.16	36	STR-A7.6	1078.32	CB#12	4X4	3.5						1							
8		206+70.16	-38.13	STR-B5.7	1079.84	CB#12	4X4	3.5						1							
8		207+44.13	36	STR-A7.7	1083.04	CB#12	4X4	3.5						1							
8		208+38.24	-40.57	STR-B6.2	1087.12	CB#12	4X4	3.5						1							
9		208+52.19	36	STR-A7.8	1087.73	CB#12	4X4	3.5						1							
9		209+71.58	36.15	STR-A8.1	1092.95	CB#12	4X4	3.5						1							
TOTALS										2	2	2	1	62	6	2	1	4	1	0

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	REINFORCED CONC. PIPE - CLASS III SIZE & LENGTH (L.F.) 18"	24"	30"	42"		REINFORCED CONC. BOX CULVERT SIZE & LENGTH (L.F.) 3'x3'	5'x3'	6'x5'		
4	STR-A0.2	1058.59	STR-A0.1	1058.46	0.72%							18			
4	STR-A0.3	1058.72	STR-A0.2	1058.59	0.70%							19			
4	STR-A1.2	1065.63	STR-A1.1	1065.56	0.32%		22								
4	STR-A1.3	1073.16	STR-A1.2	1065.63	3.84%		196								
4	STR-B1.0	1059.57	STR-B1.1	1059.45	0.70%							17			
4	STR-B1.1	1059.45	EX RCBC	1059.43	0.67%							3			
4	STR-B1.2	1068.18	STR-B1.1	1059.43	3.84%	228									
4	STR-B1.3	1075.3	STR-B1.2	1068.18	3.92%	181									
4	STR-B2.7	1060.05	STR-B1.0	1059.57	3.67%	13									
4	STR-B2.3	1062.9	STR-B2.2	1062.85	0.30%	18									
4	STR-B2.2	1062.85	STR-B2.4	1062.82	0.33%	8									
4	STR-B2.4	1062.82	STR-B2.5	1062.38	0.30%	146									
4	STR-B2.5	1062.38	STR-B2.6	1062.29	0.33%	27									
4	STR-B2.6	1062.29	STR-B2.9	1061.7	0.30%	194									
4	STR-B2.8	1064	STR-B2.9	1061.74	2.18%	104									
4	STR-B2.9	1061.7	STR-B1.1	1059.43	1.68%	135									
4	STR-M4.2	1058.4	STR-M4.1	1056.6	9.13%	20									
4	STR-M3.2	1054.3	STR-M3.1	1053.9	0.33%			122							
4	STR-M1.2	1050.27	STR-M1.1	1050	2.06%	13									
4	STR-M2.1	1049.6	EX CB	1049.53	0.32%	22									
5	STR-A2.8	1075.3	STR-A2.9	1074.98	0.40%				80						
5	STR-A2.2	1083.73	STR-A1.3	1073.16	5.39%		196								
5	STR-A2.3	1100.79	STR-A2.2	1083.73	6.12%		279								
5	STR-A2.4	1106.76	STR-A2.6	1106.62	0.42%	33									
5	STR-A2.5	1108.38	STR-A2.4	1106.76	5.04%	32									
5	STR-A2.6	1106.62	STR-A2.7	1105.86	1.16%	66									
5	STR-A3.2	1118.06	STR-A2.7	1105.86	6.82%		179								
5	STR-A3.3	1127.65	STR-A3.2	1118.06	6.04%		159								
5	STR-A3.4	1134.98	STR-A3.3	1127.65	6.27%		117								
5	STR-A3.5	1145.28	STR-A3.4	1134.98	6.54%	158									
5	STR-A3.6	1136.08	STR-A3.4	1134.98	1.63%	67									
5	STR-A3.7	1149.93	STR-A3.6	1136.08	6.35%	218									
5	STR-A4.2	1153.81	STR-A3.5	1145.28	6.26%	136									
5	STR-B1.4	1093.99	STR-B1.3	1075.3	5.91%	316									
5	STR-B1.5	1112.25	STR-B1.4	1093.99	5.97%	306									
5	STR-A2.7	1105.86	STR-A2.3	1100.79	4.75%		107								
6	STR-A4.3	1161.2	STR-A4.2	1153.81	6.31%	117									
6	STR-A4.4	1168.67	STR-A4.3	1161.2	6.32%	118									
6	STR-A4.5	1179.47	STR-A4.4	1168.67	5.74%	188									
6	STR-A4.6	1186.28	STR-A4.5	1179.47	3.46%	197									
6	STR-A4.7	1181.36	STR-A4.9	1169.7	5.75%	203									
6	STR-A4.8	1186.38	STR-A4.7	1181.36	3.78%	133									
6	STR-A4.9	1169.7	STR-A3.7	1149.93	6.47%	306									
6	STR-A5.9	1185.36	STR-A5.8	1181.38	2.72%	146									
6	STR-A4.1	1187	STR-A4.8	1186.38	3.26%	19									
7	STR-A5.2	1127.99	STR-A5.1	1109.72	34.81%		52								
7	STR-A5.3	1138.25	STR-A5.2	1127.99	6.05%		170								
7	STR-A5.4	1148.11	STR-A5.3	1138.25	5.97%		165								
7	STR-A5.5	1155.93	STR-A5.4	1148.11	5.96%		131								
7	STR-A5.6	1163.99	STR-A5.5	1155.93	6.01%		134								
7	STR-A5.0	1164.03	STR-A5.6	1163.99	0.29%	14									
7	STR-A5.7	1174.12	STR-A5.6	1163.99	5.95%		170								
7	STR-A5.8	1181.38	STR-A5.7	1174.12	4.56%		159								
7	STR-A6.5	1107.78	STR-A6.4	1094.63	6.07%		217								
7	STR-A6.6	1115.75	STR-A6.5	1107.78	6.48%	123									
7	STR-A6.7	1122.24	STR-A6.6	1115.75	6.07%	107									
7	STR-B4.6	1106.55	STR-B4.5	1097.9	6.09%	142									
7	STR-B4.7	1117.17	STR-B4.6	1106.55	6.07%	175									
7	STR-B3.3	1136.24	STR-B3.2	1111.1	17.80%	141									
7	STR-A5.10	1160.93	STR-B3.3	1136.24	6.39%	386									
7	STR-A5.11	1176.01	STR-A5.10	1160.93	5.86%	257									
7	STR-E1.1	1111.28	STR-B3.2	1111.1	0.60%						30				
7	EX CB	1127.3	STR-E1.1	1126.49	1.00%	81									
8	STR-A6.2	1069.55	STR-A7.2	1061.8	3.31%		234								
8	STR-A6.3	1081.71	STR-A6.2	1069.55	5.88%		207								
8	STR-A6.4	1094.63	STR-A6.3	1081.71	6.07%		213								
8	STR-A7.2	1061.8	STR-A7.3	1061.71	0.41%		22								
8	STR-A7.3	1061.71	STR-B5.4	1061.43	0.40%		70								
8	STR-A7.4	1061.81	STR-A7.3	1061.71	0.46%		22								
8	STR-A7.5	1066.66	STR-A7.4	1061.81	2.88%	168									
8	STR-A7.6	1074.82	STR-A7.5	1066.66	4.46%	183									
8	STR-A7.7	1079.54	STR-A7.6	1074.82	4.33%	109									
8	STR-A7.8	1084.23	STR-A7.7	1079.54	4.34%	108									
8	STR-B4.4	1087.26	STR-B4.3	1076.45	6.07%	178									
8	STR-B4.5	1097.9	STR-B4.4	1087.26	6.07%	175									
8	STR-B4.2	1049.14	STR-B4.1	1048.07	1.60%								67		
8	STR-B4.3	1076.45	STR-B4.2	1049.14	11.07%	247									
8	STR-B5.3	1061.39	STR-B4.2	1049.14	13.08%		94								
8	STR-B5.4	1061.43	STR-B5.3	1061.39	0.22%		18								
8	STR-B5.5	1062.24	STR-B5.4	1061.43	4.53%	18									
8	STR-B5.6	1070.61	STR-B5.5	1062.24	3.29%	255									
8	STR-B5.7	1076.34	STR-B5.6	1070.61	4.36%	131									
8	STR-B6.2	1083.62	STR-B5.7	1076.34	4.33%	168									
8	STR-B5.8	1052.45	EX CB	1050	4.80%	51									
8	EX CB	1057	STR-A7.9	1053.07	13.83%	28									
9	STR-A8.1	1089.45	STR-A8.0	1087.54	6.31%	30									
TOTALS						**7146**	**3331**	**122**	**80**	**0**	**30**	**57**	**67**	**0**	**0**

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	2H

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

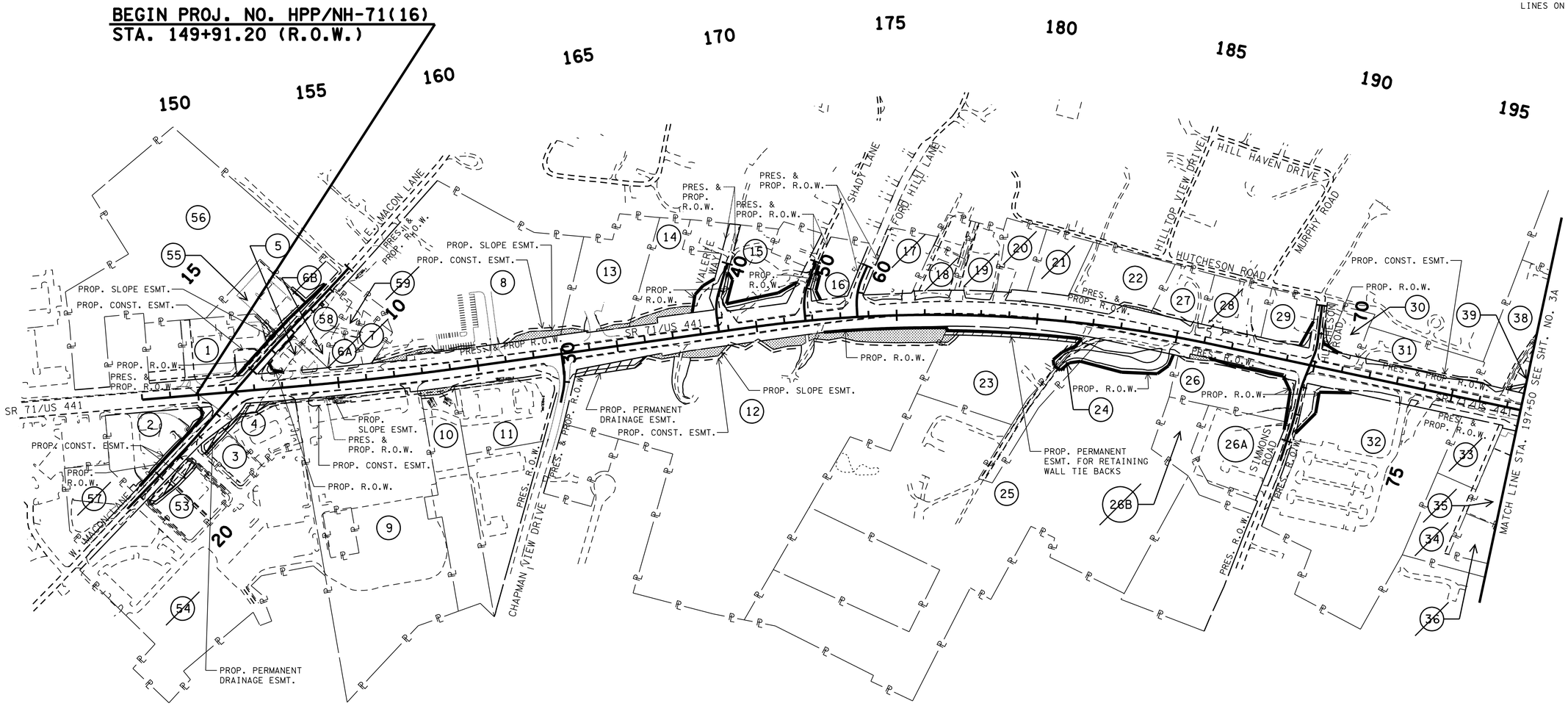
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	3

REV. 11/05/15 ADDED NEW DEVELOPMENT AND REVISED SLOPES & EASEMENTS ON TRACT 8.

REV. 02/11/16 REVISED SLOPES & EASEMENTS ON TRACT 2.

REV. 06/13/16 REVISED PROPOSED R.O.W. AND/OR EASEMENTS ON TRACTS 5 AND 23. SUBDIVIDED TRACT 26. REVISED PROPERTY LINES ON TRACTS 8 AND 59.

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

BEGIN TO STA.197+50

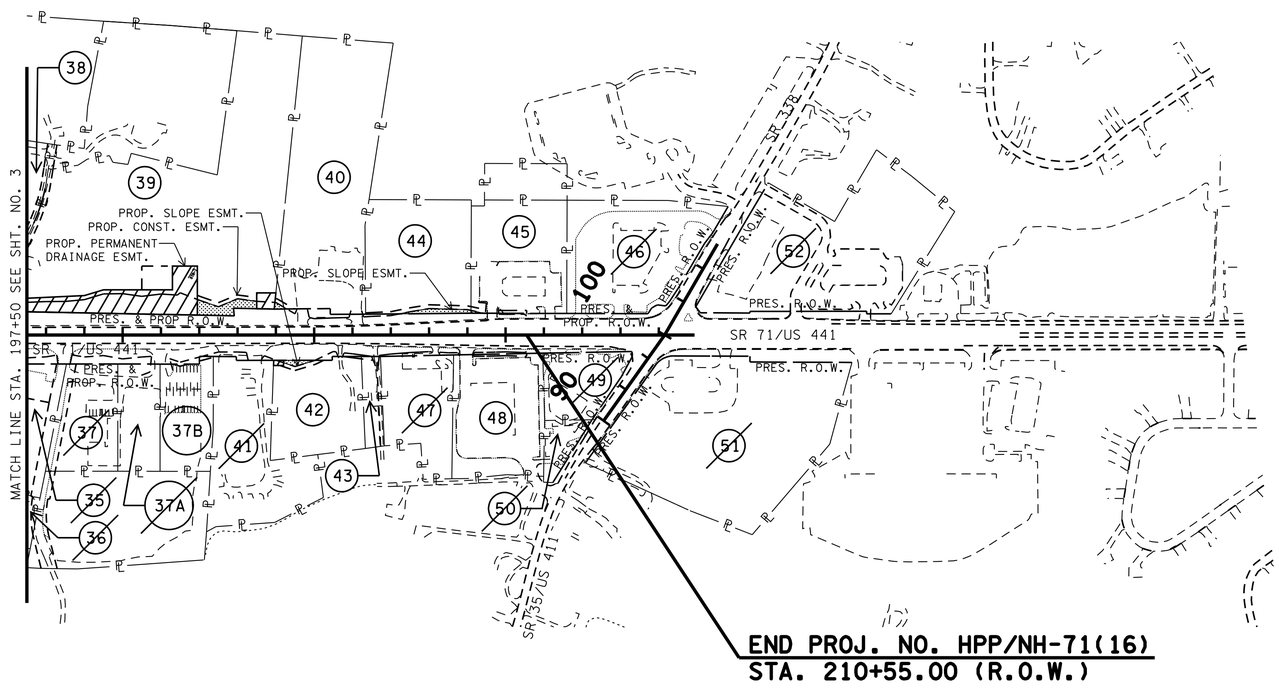
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	3A

REV. 11/05/15 ADDED NEW DEVELOPMENT, REVISED SLOPES & EASEMENTS, & SUBDIVIDED TRACT 37.



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.197+50 TO END

SCALE: 1"=200'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	3B

REV. 11/05/15 SUBDIVIDED TRACT 37. REVISED EASEMENTS ON TRACTS 8 & 37. REVISED COUNTY RECORDS FOR TRACT 26.

REV. 02/11/16 REVISED EASEMENTS ON TRACT 2.

REV. 06/13/16 REVISED PROPOSED R.O.W. AND/OR EASEMENTS ON TRACTS 5, 23, 37B. SUBDIVIDED TRACT 26. ADDED FOOTNOTES TO TRACTS 8, 23, 45. REVISED EXISTING AREA OF TRACT 8.

R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)			
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.	
1	HGC LIMITED PARTNERSHIP	045	62.08	2450	790	1.415		1.415	3231 S.F.		3231 S.F.	1.341			276	0.116 AC	
2	FIRST TENNESSEE BANK	045	063.00	1135	34		1.444	1.444		2293 S.F.	2293 S.F.		1.391		104	3065	
3	MACON CROSSING DEV CORP	045	064.10	586	289		0.508	0.508					0.508	2857		833	
4	MACON CROSSING DEV CORP	045	064.09	586	288		0.940	0.940					0.940	3592	454	2458	
5	TRINITY SWB PROPERTIES LLC	045	061.00	2891	742	0.367		0.367	1250 S.F.		1250 S.F.	0.338			319	214	
~~6A~~	~~HUBERT & HELEN MCCARTER~~	~~045~~	~~060.02~~	~~338~~	~~236~~	~~0.301~~		~~0.301~~				~~0.301~~					
~~6B~~	~~HUBERT & HELEN MCCARTER~~	~~045~~	~~60.02~~	~~454~~	~~760~~	~~0.122~~		~~0.122~~				~~0.122~~					
~~7~~	~~OLLIE & MARY LEE ELLIS~~	~~045~~	~~060.00~~	~~337~~	~~768~~	~~0.316~~		~~0.316~~				~~0.316~~					
8	FSP ENTERPRISES, LIMITED LIABILITY COMPANY	045	059.00	4083	252	7.632		7.632				7.632			0.151 AC	0.134 AC	(1)
9	SEYMOUR STAR ASSOC.	045	064.04	1006	378		9.295	9.295					9.295		654	0.209 AC	
10	SEYMOUR STAR ASSOC.	045	064.07	1006	378		2.309	2.309					2.309		2013	1280	
~~11~~	~~TENNESSEE STATE BANK~~	~~045~~	~~064.05~~	~~602~~	~~306~~		~~1.801~~	~~1.801~~					~~1.801~~				
12	ELIZABETH FORD CRUZE AND HUSBAND WILLIAM CRUZE	045	070.00	83	350		16.959	16.959		1150 S.F.	1150 S.F.		16.933	0.159 AC	0.693 AC	0.226 AC	
13	TENNESSEE REAL ESTATE INVESTMENT PROPERTIES, INC.	045	067.00	3625	623	0.734		0.734				0.734			2644	1891	
14	ANDRE' FRANCOIS HICKMAN ETAL	045	068.00	1316	650	1.706		1.706	0.129		0.129	1.577			0.134 AC	2321	
15	LEVINSON FAMILY GP	045	069.00	3246	602	1.346		1.346	0.250		0.250	1.096					
16	SEYMOUR VOLUNTEER FIRE DEPT	045H	010.00	00214	00359	0.699		0.699	2072 S.F.		2072 S.F.	0.651					
~~17~~	~~ROGER L FLENNIKEN~~	~~045HC~~	~~020.00~~	~~378~~	~~631~~	~~0.876~~		~~0.876~~				~~0.876~~					
~~18~~	~~DELLA ANN JULIAN~~	~~045~~	~~072.00~~	~~392~~	~~138~~	~~1060 S.F.~~		~~1060 S.F.~~				~~1060 S.F.~~					
~~19~~	~~GARY A HELTON & FRANK G BOHANAN, SR~~	~~045~~	~~074.01~~	~~2082~~	~~381~~	~~0.691~~		~~0.691~~				~~0.691~~					
~~20~~	~~ADAMS PROPERTY~~	~~045~~	~~074.00~~	~~1638~~	~~573~~	~~0.714~~		~~0.714~~				~~0.714~~					
~~21~~	~~ADAMS PROPERTY~~	~~045~~	~~075.00~~	~~1638~~	~~573~~	~~0.789~~		~~0.789~~				~~0.789~~					
22	ADAMS PROPERTY GENERAL PARTNERSHIP	045	087.00	2710	804	1.326		1.326				1.326			731	1179	
23	JAMES FRED BALES, JR	045	071.00	1089	85		2.932	2.932		0.224	0.224		2.708	(2)0.165 AC	845	1422	
24	THOMAS E CHRISTENBERRY	045	088.00	1868	40		0.734	0.734		0.152	0.152		0.582				
25	THOMAS E CHRISTENBERRY	045	088.00	1068	40		19.325	19.325		0.584	0.584		18.741				
26	TENNESSEE DISTRICT COUNCIL OF THE ASSSEMBLIES OF GOD	045	106.00	2752	684		1.595	1.595		4131 S.F.	4131 S.F.		1.500		1358	3626	
26A	EDEN CHAPEL, INC.	045	106.01	4446	645		1.698	1.698		93 S.F.	93 S.F.		1.696				
~~26B~~	~~EDEN CHAPEL, INC.~~	~~045~~	~~106.01~~	~~4446~~	~~645~~		~~1.077~~	~~1.077~~					~~1.077~~				
27	GARRY A NOLAND	045	089.00	252	444	0.696		0.696				0.696			200	1120	
~~28~~	~~FORD HILL REALITY~~	~~045~~	~~089.01~~	~~397~~	~~137~~	~~0.874~~		~~0.874~~				~~0.874~~					
29	SONA ELY & GEORGE L BORTNICK	045	090.00	627	568	0.689		0.689	1605 S.F.		1605 S.F.	0.652			61	601	
30	MICHAEL A FRANCE	045	093.00	1836	208	0.566		0.566	723 S.F.		723 S.F.	0.549			93	790	
31	MARTIN E & LISA BURGESS	045	094.00	2262	726	0.939		0.939				0.939			106	2610	
32	SEYMOUR UNITED METHODIST CHURCH	045	105.00	662	202		8.187	8.187		0.192	0.192		7.995				
~~33~~	~~BARRY SHULAR~~	~~045~~	~~103.11~~	~~2346~~	~~545~~		~~0.805~~	~~0.805~~					~~0.805~~				
~~34~~	~~BARRY SHULAR~~	~~045~~	~~103.03~~				~~1.225~~	~~1.225~~					~~1.225~~				
~~35~~	~~FF LANDLORD #1 LLC~~	~~045~~	~~103.04~~	~~2911~~	~~113~~		~~1.179~~	~~1.179~~					~~1.179~~				
~~36~~	~~MICAH S & ASHLEY N MARSH~~	~~045~~	~~103.06~~	~~3062~~	~~10~~		~~0.502~~	~~0.502~~					~~0.502~~				
~~37~~	~~MC DENTAL PARTNERSHIP~~	~~045~~	~~103.08~~	~~4427~~	~~396~~		~~1.040~~	~~1.040~~					~~1.040~~				
~~37A~~	~~BARRY L. SHULAR~~	~~045~~	~~103.09~~	~~2346~~	~~545~~		~~0.710~~	~~0.710~~					~~0.710~~				
37B	JAB PARTNERSHIP	045	103.10	4379	215		0.900	0.900					0.900			365	
38	RICHARD A & ROSEMARY C WEBB	045	095.05	1622	32	1.550		1.550				1.550			111	473	
39	SHIRL OWNBY TRUSTEE	045	095.00	1045	84	7.352		7.352				7.352		0.730 AC	4333	0.151 AC	
40	BRUCE A & PHYLLIS B BALDWIN ETAL	045	095.04	2924	52	3.695		3.695				3.695			301	462	
~~41~~	~~LARRY WAYNE & NYOKA HELTON~~	~~045~~	~~101.00~~	~~290~~	~~930~~		~~1.989~~	~~1.989~~					~~1.989~~				
42	JIMMIE SPURGEON, BOBBY SPURGEON, AND HERMAN REED SPURGEON	045	100.00	104	33		1.366	1.366					1.366	357	769	1150	
43	DORA JANET MOORE	045	098.00	106	97		0.272	0.272					0.272			232	
44	JEFFREY D. CASE AND WIFE, MARY L. CASE	045	095.08	3835	587	1.880		1.880				1.880			1747	2370	
45	CHARLES HEBERT CASE	045	095.06	3828	386	1.687		1.687				1.687			122	949	(1)

(1) CONSTRUCTION EASEMENT IS FOR 6 MONTHS.
(2) PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS.

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	3C

REV. 11/05/15 REVISED ACQUISITION TOTALS AND DISTURBED AREA.

REV. 02/11/16 REVISED ACQUISITION TOTALS AND DISTURBED AREA.

REV. 06/13/16 REVISED ACQUISITION TOTALS. REVISED EXISTING AREA OF TRACT 59.

R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)		
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
~~46~~	~~INVESTORS TRUST COMPANY~~	~~045~~	~~095.01~~	~~525~~	~~713~~	~~2.260~~		~~2.260~~				~~2.260~~				
~~47~~	~~PAMELA S & JERRY C HAMMONTREE~~	~~045~~	~~097.00~~	~~2233~~	~~47~~		~~1.144~~	~~1.144~~					~~1.144~~			
48	DAB LLC % WALGREENS	045	096.00	1719	90		1.748	1.748					1.748			729
~~49~~	~~CALLAWAY HUNT REAL ESTATE~~	~~045~~	~~172.00~~	~~1856~~	~~694~~		~~0.748~~	~~0.748~~					~~0.748~~			
~~50~~	~~CALLAWAY HUNT REAL ESTATE~~	~~045~~	~~172.00~~	~~1856~~	~~694~~		~~0.275~~	~~0.275~~					~~0.275~~			
~~51~~	~~SEVIER COUNTY BANK~~	~~045~~	~~173.00~~	~~00236~~	~~00352~~		~~4.805~~	~~4.805~~					~~4.805~~			
~~52~~	~~LYNN B & WILLIAM B WEIGEL~~	~~045~~	~~182.00~~	~~425~~	~~497~~	~~3.861~~		~~3.861~~				~~3.861~~				
53	RICKY D. PARKS	045	64.11 64.13	4137	118		1.038	1.038					1.038	0.165 AC		1722
~~54~~	~~MACON CROSSING DEV CORP~~	~~045~~	~~64.01~~	~~535~~	~~287~~		~~8.344~~	~~8.344~~					~~8.344~~			
55	KNOXVILLE POST OFFICE CREDIT UNION	045	62.09	2906	564	1.009		1.009	2208 S.F.		2208 S.F.	0.958			132	1049
56	HGC, LIMITED PARTNERSHIP	045	62.01	2450	790		8.708	8.708		596 S.F.	596 S.F.		8.694		40	1353
~~57~~	~~XYZ 1978 LLC~~	~~045~~	~~63.01~~	~~4122~~	~~544~~		~~1.009~~	~~1.009~~					~~1.009~~			
58	DAVID & JIMMIE NORTON	045	60.01	454	762	0.451		0.451				0.451		101		
~~59~~	~~NORTONS SERVICE CENTER GENERAL PARTNERSHIP~~	~~045~~	~~060.04~~	~~3170~~	~~438~~	~~0.395~~		~~0.395~~				~~0.395~~				
	ACQUISITION TOTALS (ACRES)								0.634	1.341	1.975			1.377 AC	1.377 AC	1.624 AC

DISTURBED AREA	
INBETWEEN SLOPE LINES	13.500 (AC)
TO EASEMENT OR R.O.W. LINES (OUTSIDE SLOPE LINES)	4.458 (AC)
TOTAL DISTURBED AREA	17.958 (AC)

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	3D

RIGHT - OF - WAY NOTES

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

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

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

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

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

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

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

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

(9) ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

UTILITIES

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

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

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

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

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

UTILITY OWNERS

ELECTRIC :
SEVIER COUNTY ELECTRIC SYSTEM
P.O. BOX 4870 (37864)
315 E MAIN STREET
SEVIERVILLE, TN 37862
PHONE: (865) 774-6217
FAX: (865) 428-4536
CONTACT:
JEFF HEDRICK

KNOXVILLE UTILITES BOARD
P.O. BOX 59017 (37950-9017)
4505 MIDDLEBROOK PIKE
KNOXVILLE, TN 37921-5599
PHONE: (865) 524-2911
FAX: (865) 558-2436
EMAIL: www.kub.org
CONTACT:
GABRIEL J. BOLAS (865) 558-2100
JIM SYKES, (865) 558-2679

GAS :
SEVIER COUNTY UTILITY DISTRICT
P.O. BOX 4398
420 ROBART HENDERSON ROAD
SEVIERVILLE, TN 37864-4398
PHONE: (865) 453-3272
FAX: (865) 428-5055
CONTACT:
ALAN DEVAN

WATER :
CITY OF SEVIERVILLE
2295 MCCROSKEY ISLAND ROAD
SEVIERVILLE, TN 37876
PHONE: (865) 868-1527
FAX: (865) 429-0564
CONTACT:
MIKE WILLIAMS

KNOX CHAPMAN UTILITY DISTRICT
P.O. BOX 9569
1905 E JOHN SEVIER HIGHWAY (37920)
KNOXVILLE, TN 37940
PHONE: (865) 577-4497
FAX: (865) 573-6396
CONTACT:
GARY JONES

SEWER :
CITY OF SEVIERVILLE
2295 MCCROSKEY ISLAND ROAD
SEVIERVILLE, TN 37876
PHONE: (865) 868-1527
FAX: (865) 429-0564
CONTACT:
MIKE WILLIAMS

TELEPHONE :
AT&T
9733 PARKSIDE DRIVE
KNOXVILLE, TN 37922
PHONE: (865) 539-8579
FAX: (865) 470-8519
CONTACT:
DAVID OVERMAN

CABLE :
CHARTER COMMUNICATIONS
1774 HENRY G. LANE STREET
MARYVILLE, TN 37801
PHONE: (865) 273-2773
CONTACT:
ANSIL SUFFRIDGE

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY NOTES AND UTILITY OWNERS

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

POINT	TOP	INVERT	INVERT	INVERT	INVERT	
S9642	TOP-1051.21	INV-1045.01	INV-1046.21	INV-1044.51	INV-1044.51	INV-1044.51
S9648	TOP-1051.63	INV-1041.45				
SS1029	TOP-1054.65	INV-1051.05				
SS1035	TOP-1058.53	INV-1054.86	INV-1054.84			
S9634	TOP-1052.77	INV-1047.97				
S9977		INV-1051.22				
SS1039	TOP-1062.30	INV-1057.28	INV-1057.30			
SS1040	TOP-1062.94	INV-1058.54				
S8732	TOP-1065.65	INV-1063.70	INV-1063.72			
SS1248	TOP-1066.79	INV-1063.37				
S9039	TOP-1065.52	INV-1063.70				
S9909	TOP-1065.01	INV-1063.37				
S9982		INV-1057.15				
S9980		INV-1056.76				
S9981		INV-1056.99				
S9035	TOP-1069.17	INV-1063.75	INV-1063.65			
S8729	TOP-1065.56	INV-1063.87	INV-1063.80			

POINT	TOP	INVERT	INVERT	INVERT
S9575	TOP-1059.92	INV-1048.60	INV-1049.38	INV-1049.40
S9570	TOP-1053.35	INV-1044.97	INV-1044.86	INV-1044.97
S9605	TOP-1059.23	INV-1054.39		
S9564	TOP-1059.58	INV-1051.75		
S9578	TOP-1049.86			
S9784	TOP-1061.10	INV-1056.40		

CURVE DC34
PI 14+26.20
N 570,212.4096
E 2,627,668.4617
Δ 4° 16′ 33″ (LT)
D 1° 00′ 00″
R 5,730.00
L 427.61
T 213.91
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC33
PI 11+17.36
N 570,326.3186
E 2,627,955.5340
Δ 1° 44′ 17″ (RT)
D 1° 00′ 00″
R 5,730.00
L 173.82
T 86.92
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC1
PI 156+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

PILOT #223 FACILITY ID #2780265
E.P.A. CERTIFICATION NO. 041013

TANK NO.	CAPACITY	FUEL TYPE
1A	15,000 GALLONS	GASOLINE
2A	8,000 GALLONS	GASOLINE
2B	7,000 GALLONS	DIESEL

CP 78-071-02
STA. 149+49.24
-54.94′(LT)
N 570247.0350
E 2627360.9063
ELEV 1067.06
ALLUM. DISK

CP 78-071-03
STA. 151+28.65
129.58′(RT)
N 570013.9899
E 2627470.0951
ELEV 1065.75
ALLUM. DISK

CP 78-071-04
STA. 155+54.56
94.54′(RT)
N 569908.9451
E 2627886.1946
ELEV 1072.40
ALLUM. DISK

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	4

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES & EASEMENTS ON TRACT 8.

REV. 02/11/16 REVISED SLOPES & EASEMENTS AT EXISTING BILLBOARD ON TRACT 2. ADDED LABELS TO STRUCTURES & IMPACT POINTS ON ENVIRONMENTAL FEATURES.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 06/13/16 REVISED PROPOSED R.O.W. AND EASEMENTS ON TRACT 5. ADDED PARKING SPACES TO TRACT 53. REVISED EXIST. PROPERTY LINES ON TRACTS 8 & 59.

SR 71/US 441 STA. 151+28.64 =
MACON LANE STA. 15+99.51
N 570136.4414
E 2627512.4675

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

56 HGC, LIMITED PARTNERSHIP

8 FSP ENTERPRISES, LIMITED LIABILITY COMPANY

55 KNOXVILLE POST OFFICE CREDIT UNION

58 DAVID & JIMMIE NORTON

68 HUBERT & HELEN MCCARTER

59 NORTONS SERVICE CENTER GENERAL PARTNERSHIP

6A HUBERT & HELEN MCCARTER

7 OLLIE & MARY LEE ELLIS

5 TRINITY SWB PROPERTIES LLC

1 HGC LIMITED PARTNERSHIP

2 FIRST TENNESSEE BANK

51 XYZ 1978 LLC

53 RICKY D. PARKS

54 MACON CROSSING DEV CORP

3 MACON CROSSING DEV CORP

4 MACON CROSSING DEV CORP

9 SEYMOUR STAR ASSOC

KROGER #581 FACILITY ID #2780255
E.P.A. CERTIFICATION NO. 059150G

TANK NO.	CAPACITY	FUEL TYPE
1A	24,000 GALLONS	GASOLINE
1B	24,000 GALLONS	GASOLINE

CURVE DC32
PI 18+35.31
N 570,033.4990
E 2,627,300.3169
Δ 4° 03′ 56″ (RT)
D 2° 51′ 53″
R 2,000.00
L 141.91
T 70.99
SE 0.020 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100

AREA TO BE SCARIFIED AND OBLITERATED

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

PRESENT LAYOUT

BEGIN TO STA. 156+50

SCALE: 1″=50′

MATCH LINE STA. 156+50 SEE SHT. NO. 5

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

LINE	BEARING	DISTANCE
L1	S 70° 57′ 02″ E	123.37′
L2	N 70° 48′ 41″ W	41.92′
L3	N 70° 44′ 13″ W	146.58′
L4	N 70° 44′ 13″ W	21.84′
L5	N 66° 28′ 13″ E	189.32′
L6	N 66° 31′ 31″ E	155.87′
L7	N 66° 38′ 20″ E	91.17′
L8	N 66° 38′ 20″ E	64.51′
L9	N 65° 52′ 04″ E	187.37′
L10	N 66° 05′ 39″ E	66.61′
L11	N 66° 05′ 39″ E	10.03′
L12	N 66° 05′ 39″ E	143.75′
L13	N 66° 04′ 49″ E	187.80′
L14	S 71° 00′ 38″ E	88.53′
L15	S 71° 00′ 38″ E	35.28′
L16	N 71° 33′ 33″ W	125.68′
L17	N 72° 25′ 37″ W	32.51′
L18	N 70° 47′ 13″ W	340.86′
L19	N 70° 47′ 13″ W	32.29′
L20	N 67° 39′ 48″ E	371.03′
L21	N 67° 39′ 48″ E	31.01′
L22	S 22° 36′ 55″ E	4.35′
L23	N 12° 38′ 29″ E	21.51′
L24	N 67° 46′ 56″ E	95.41′
L25	N 67° 46′ 56″ E	95.40′
L26	N 57° 52′ 32″ W	20.44′
L27	S 22° 38′ 02″ E	21.61′
L28	S 22° 45′ 28″ E	17.18′
L29	N 18° 32′ 44″ E	24.46′
L30	N 68° 58′ 47″ E	77.54′
L31	N 76° 54′ 19″ E	62.57′
L32	N 22° 44′ 08″ W	16.12′
L33	N 76° 45′ 14″ E	39.76′
L34	N 56° 57′ 10″ E	18.25′
L35	S 70° 21′ 56″ E	83.81′
L36	S 70° 21′ 56″ E	90.76′
L37	S 59° 35′ 59″ W	19.02′
L38	S 00° 18′ 14″ E	21.96′
L39	S 56° 33′ 01″ E	36.13′
L40	N 77° 01′ 34″ E	97.18′
L41	N 68° 04′ 17″ E	119.23′
L42	N 64° 43′ 23″ E	110.17′
L43	N 69° 43′ 43″ E	83.56′
L44	S 73° 11′ 56″ E	50.04′
L45	N 74° 17′ 38″ E	60.89′
L46	S 23° 56′ 60″ E	9.73′

CURVE DC34
PI 14+26.20
N 570,212.4096
E 2,627,668.4617
Δ 4° 16′ 33″ (LT)
D 1° 00′ 00″
R 5,730.00
L 427.61
T 213.91
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC33
PI 11+17.36
N 570,326.3186
E 2,627,955.5340
Δ 1° 44′ 17″ (RT)
D 1° 00′ 00″
R 5,730.00
L 173.82
T 86.92
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC1
PI 156+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CP 78-071-02
STA. 149+49.24
-54.94′(LT)
N 570247.0350
E 2627360.9063
ELEV 1067.06
ALLUM. DISK

CP 78-071-03
STA. 151+28.65
129.58′(RT)
N 570013.9899
E 2627470.0951
ELEV 1065.75
ALLUM. DISK

CP 78-071-04
STA. 155+54.56
94.54′(RT)
N 569908.9451
E 2627886.1946
ELEV 1072.40
ALLUM. DISK

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	4A

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES & EASEMENTS ON TRACT 8.

REV. 02/11/16 REVISED SLOPES & EASEMENTS AT EXISTING BILLBOARD ON TRACT 2.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 06/13/16 REVISED PROPOSED R.O.W. AND EASEMENTS ON TRACT 5. REVISED EXIST. PROPERTY LINES ON TRACTS 8 & 59

SR 71/US 441 STA. 151+28.64 =
MACON LANE STA. 15+99.51
N 570136.4414
E 2627512.4675

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

56 HGC, LIMITED PARTNERSHIP

55 KNOXVILLE POST OFFICE CREDIT UNION

① HGC LIMITED PARTNERSHIP

⑧ FSP ENTERPRISES, LIMITED LIABILITY COMPANY

58 DAVID & JIMMIE NORTON

59 NORTONS SERVICE CENTER GENERAL PARTNERSHIP

7 OLLIE & MARY LEE ELLIS

6A HUBERT & HELEN MCCARTER

⑤ TRINITY SWB PROPERTIES LLC

② FIRST TENNESSEE BANK

④ MACON CROSSING DEV CORP
THERE EXIST A 15′ ESMT FOR FMS

③ MACON CROSSING DEV CORP

6B HUBERT & HELEN MCCARTER

9 SEYMOUR STAR ASSOC

57 XYZ 1978 LLC

53 RICKY D. PARKS

54 MACON CROSSING DEV CORP

10′ UTILITY & DRAINAGE ESMT AROUND TRACTS 3,4,9,10, & 11

CURVE DC32
PI 18+35.31
N 570,033.4990
E 2,627,300.3169
Δ 4° 03′ 56″ (RT)
D 2° 51′ 53″
R 2,000.00
L 141.91
T 70.99
SE 0.020 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100

MATCH LINE STA. 156+50 SEE SHT. NO. 5A

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

R.O.W. DETAILS

BEGIN TO STA. 156+50

SCALE: 1″=50′

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	4B

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 02/11/16 ADDED LABELS TO STRUCTURES & IMPACT POINTS ON ENVIRONMENTAL FEATURES.

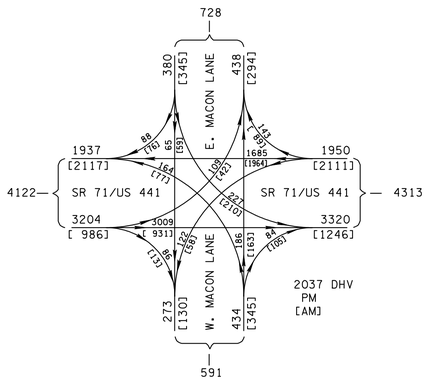
REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 04/28/16 MOVED WWC-1 LABEL AND ADDED RIP RAP LABEL.

CURVE DC34
PI 14+26.20
N 570,212.4096
E 2,627,668.4617
Δ 4° 16′ 33″ (LT)
D 1° 00′ 00″
R 5,730.00
L 427.61
T 213.91
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC33
PI 11+17.36
N 570,326.3186
E 2,627,955.5340
Δ 1° 44′ 17″ (RT)
D 1° 00′ 00″
R 5,730.00
L 173.82
T 86.92
SE NC
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC1
PI 156+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A



SR 71/US 441 STA. 151+28.64 =
MACON LANE STA. 15+99.51
N 570136.4414
E 2627512.4675

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

POT 148+00.00
S 70° 54′ 30″ E
SR 71/US 441
BEGIN C & G
STA. 150+80.00
OFF 29.23′
EXIST.
15″ ST
75′ R
EXIST. DET. BASIN
B2.9 #12
B2.8 HW
18″ ST
35′ R
18″ ST
BEGIN WWC-1/EPH-1 IMPACT STA.153+03
B1.1 #12
B1.0 MH
5′ SIDEWALK
18″ ST
5′ SIDEWALK
STA. 14+11.00
26′ BUS. ENT.
LIMIT OF CONST.
0+55.00
LIMIT OF CONST.
0+70.00
EXIST. 15″ ST
EXIST. 15″ RCP
B2.6 #3
B2.5 #12
LIMIT OF CONST.
1+00.00
STA. 14+14.00
32′ BUS. ENT.
LIMIT OF CONST.
1+00.00
STA. 13+32.00
20′ BUS. ENT.
STA. 12+08.00
20′ BUS. ENT.
POT 10+00.00
PC 10+30.45
S 68° 37′ 08″ W
WWC-1/EPH-1
END C & G
STA. 11+00.00
OFF 10.10′
B2.4 #12
EXIST. 10.1′
18.8′
END PVMT. TRANSITION (LT & RT)
STA. 12+80.00
PC 153+52.51
EXIST. 18″ RCP
B2.2 MH
B2.3 #38
S 68° 21′ 25″ W
18.0′
LIMIT OF CONST.
BEGIN PVMT. TRANSITION (LT & RT)
STA. 11+00.00
150
155
BEGIN C & G
STA. 13+12.35
OFF 18.00′
B2.7 #38
EXIST. 24″RCP
EXIST. 24″ ST
E. MACON LANE
STA. 153+55.00
28′ BUS. ENT.
STA. 154+50.00
40′ BUS. ENT.
STA. 156+00.00
40′ BUS. ENT.
LIMIT OF CONST.
0+75.00
LIMIT OF CONST.
0+55.00
4′ PAVED SHLD.
B1.2 #12
24″ ST
5′ SIDEWALK
24″ ST
30′
SR 71/US 441
A1.2 #12
A1.3 #12
MATCH LINE STA. 156+50 SEE SHT. NO. 5B
INV-1058.50
A0.1 EW
A0.2 MH
A0.3 #12
EXIST. 40″RCP
BEGIN WWC-2/EPH-2 IMPACT STA.152+23
PROP. 42″RCP (L=11′)
PROP. 5′ x 3′ BOX CULV. (L=18′ NORTH, 25′ SOUTH)
A1.1 EW
EXIST. 18″RCP
WWC-2/EPH-2
CLASS A-1 RIP RAP L=8′, W=12′
LIMIT OF CONST.
0+65.00
STA. 153+66.00
40′ BUS. ENT.
15
STA. 12+08.00
20′ BUS. ENT.
STA. 13+32.00
20′ BUS. ENT.
STA. 14+14.00
32′ BUS. ENT.
STA. 18+33.00
26′ BUS. ENT.
BEGIN C & G
STA. 149+91.20
OFF 27.25′
35′ R
LIMIT OF CONST.
0+90.00
S 64° 04′ 52″ W
5′ SIDEWALK
WWC-1/EPH-1
5′ T
75′ R
PROP. 42″RCP (L=11′)
PROP. 5′ x 3′ BOX CULV. (L=18′ NORTH, 25′ SOUTH)
M4.2 #12
M4.1 EW
STA. 20+39.00
26′ BUS. ENT.
LIMIT OF CONST.
0+75.00
EXIST. 24″CMP
24′ ST
18.0′
18.0′
L=61′ 30″RCP
L=61′ 30″RCP
INV-1054.20
INV-1054.20
M3.2 EW
EXIST.
12″ ST
INV-1053.40
INV-1053.40
LIMIT OF CONST.
0+55.00
PT 16+39.90
PC 17+64.33
STA. 18+58.00
32′ BUS. ENT.
PT 19+06.24
M2.1 #12
END C & G
STA. 20+95.00
OFF 12.08′
24′ ST
S 68° 08′ 48″ W
M3.1 EW
M1.2 #12
M1.1 EW
LIMIT OF CONST.
END PVMT. TRANSITION (RT)
STA. 20+95.00
EXIST. 24″CMP
MACON LANE
EXIST. TWIN 30″CMP'S
BEGIN C & G
STA. 20+80.00
OFF 8.31′
20
30″ ST
EXIST. TWIN 30″CMP'S
END PVMT. TRANSITION (LT)
STA. 20+80.00
END WWC-1/EPH-1 IMPACT STA.20+90
POT 21+63.70
BEGIN PVMT. TRANSITION (LT & RT)
STA. 19+15.00

CURVE DC32
PI 18+35.31
N 570,033.4990
E 2,627,300.3169
Δ 4° 03′ 56″ (RT)
D 2° 51′ 53″
R 2,000.00
L 141.91
T 70.99
SE 0.020 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

BEGIN TO STA.156+50

SCALE: 1″=50′

R.O.W. PLANS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	4C

REV. 11/05/15 REVISED EARTHWORK.

REV. 02/11/16 ADDED PROPOSED CULVERT EXTENSIONS.

EXC. EMB. EXC. (UNCL) COMMON 44692 C.Y.
25596 C.Y.
DIFFERENCE = 19096 CY SHR. = 5%

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

VPI 149+91.20 EL. 1065.92
VPI 150+20.00 EL. 1065.84
VPC 150+95.00 EL. 1066.45
SAG 151+37.91 EL. 1065.34
VPT 152+65.00 EL. 1066.32
VPC 153+40.00 EL. 1067.47
VPT 154+60.00 EL. 1070.20
VPC 155+39.32 EL. 1072.58

CP 78-071-02
STA. 149+49.24
-54.94' (LT)
N 570247.0350
E 2627360.9063
ELEV 1067.06
ALLUM. DISK

CP 78-071-03
STA. 151+28.65
129.58' (RT)
N 570013.9899
E 2627470.0951
ELEV 1065.75
ALLUM. DISK

CP 78-071-04
STA. 155+54.56
94.54' (RT)
N 569908.9451
E 2627886.1946
ELEV 1072.40
ALLUM. DISK

EXISTING GROUND

0.26%
-0.52%
1.54%
3.00%

FINISHED GRADE
OVERLAY
EXISTING GROUND

OH WIRE
STA. 151+49.27
LOW WIRE EL.1097.22'
TEMP. ____ DEG.
1 POWER

OH WIRE
STA. 150+85.69
LOW WIRE EL.1086.63'
TEMP. ____ DEG.
4 POWER
1 TELEPHONE
1 CABLE

VC = 170.00'
K = 82
V = 45 MPH

VC = 120.00'
K = 82
V = 45 MPH

VC = 255.00'
K = 83
V = 45 MPH

OH WIRE
STA. 156+12.65
LOW WIRE EL.1096.36'
TEMP. ____ DEG.
1 POWER

OH WIRE
STA. 155+76.67
LOW WIRE EL.1092.30'
TEMP. ____ DEG.
1 POWER
1 TELEPHONE
1 CABLE

CB -
STA. 149+96.33
72.31' (LT)
TOP 1066.88
INVERT 1063.51

MH -
STA. 149+88.10
197.82' (RT)
TOP 1059.01
INVERT 1054.43

4" GAS LINE CROSSING
STA. 151+35.88
EL. 1062.17

SR71 151+28.64 = MACON LANE 15+99.51
ELEV. 1065.34

VPI 151+80.00
EL. 1065.01

CB -
STA. 152+51.17
171.04' (LT)
TOP 1066.79
INVERT 1063.28

DI -
STA. 152+79.00
157.16' (LT)
TOP 1064.98
INVERT 1063.40

FMS SA SEWER CROSSING
STA. 152+48.15
EL. 1063.13

DI -
STA. 153+76.83
129.81' (LT)
TOP 1065.68
INVERT 1062.09

VPI 154+00.00
EL. 1068.40

STATION	152+57.52	
STRUCTURE	EXIST. 99.45' OF 5'x3' BOX CULV. PROP. 18' NORTH & 25' SOUTH OF 5'x3' BOX CULV.	
SKEW	45°10'16"	
DRAINAGE AREA	120.7 AC.	
DESIGN DISCHARGE (Q50)	83.24 CFS	
DESIGN DISCHARGE (Q100)	106.22 CFS	
OVERTOPPING ELEV.	1066.32	
ALLOWABLE HEADWATER ELEV.	1063.16	
Q50 HEADWATER ELEV.	1063.08	
Q100 HEADWATER ELEV.	1063.90	
VELOCITY (Q50)	10.10 FT/S	
VELOCITY (Q100)	10.80 FT/S	
INLET ELEVATION	1059.56	
OUTLET ELEVATION	1058.50	
STANDARD DRAWING NUMBERS	STD-15-25	
CLASS "A" CONCRETE		C.Y.
STEEL BAR REINFORCING		LB.
FOUNDATION FILL MATERIAL		C.Y.

SE = NC RT

SE = NC LT

149+91.20 LT & RT

150+00 151+00 152+00 153+00 154+00 155+00 156+00

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R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

BEGIN TO STA. 156+50
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	5

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. ADDED NEW DEVELOPMENT AND REVISED SLOPES & EASEMENTS ON TRACT 8. REMOVED DRIVEWAY AT STA.156+67 AND ADDED DRIVEWAY AT 160+69.

REV. 02/11/16 LABELED RIP RAP AND WWC-2 IMPACT POINT.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 06/13/16 LABELED SIGN ON TRACT 13. ADDED SEPTIC TO TRACT 12.

CURVE DC46
PI 41+52.03
N 569,723.9385
E 2,629,199.9486
Δ 24° 25′ 54″ (LT)
D 28° 38′ 52″
R 200.00
L 85.28
T 43.30
SE N/A
DESIGN SPEED 20 MPH
TRANS. LENGTH N/A

CURVE DC47
PI 30+96.39
N 569,693.2250
E 2,628,603.1818
Δ 19° 49′ 47″ (RT)
D 25° 00′ 00″
R 229.18
L 79.32
T 40.06
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

CURVE DC48
PI 30+56.33
N 569,693.2250
E 2,628,603.1818
Δ 19° 49′ 47″ (RT)
D 25° 00′ 00″
R 229.18
L 79.32
T 40.06
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

CURVE DC1062.90
PI 158+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CP 78-071-05
STA. 163+01.45
48.85'(RT)
N 569738.5062
E 2628617.7509
ELEV 1112.99
ALLUM. DISK

SR 71/US 441 STA. 162+99.97 =
CHAPMAN VIEW DRIVE STA. 30+00.00
N 569785.8628
E 2628629.8233

SR 71/US 441 STA. 168+65.00 =
VALERIE WAY STA. 42+48.78
N 569629.6960
E 2629172.8456

KROGER #581 FACILITY ID #2780255
E.P.A. CERTIFICATION NO. 059150G

TANK NO.	CAPACITY	FUEL TYPE
1A	24,000 GALLONS	GASOLINE
1B	24,000 GALLONS	GASOLINE

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

PRESENT LAYOUT

STA.156+50 TO STA.169+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	5A

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES & EASEMENTS ON TRACT 8. REMOVED DRIVEWAY AT STA. 156+67 AND ADDED DRIVEWAY AT 160+69.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

CURVE DC1
PI 156+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CURVE DC46
PI 41+52.03
N 569,723.9385
E 2,629,199.9486
Δ 24° 25′ 54″ (LT)
D 28° 38′ 52″
R 200.00
L 85.28
T 43.30
SE N/A
DESIGN SPEED 20 MPH
TRANS. LENGTH N/A

CURVE SC3
PI 30+96.39
N 569,693.2250
E 2,628,603.1818
Δ 19° 49′ 47″ (RT)
D 25° 00′ 00″
R 229.18
L 79.32
T 40.06
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

CP 78-071-05
STA. 163+01.45
48.85′(RT)
N 569738.5062
E 2628617.7509
ELEV 1112.99
ALLUM. DISK

SR 71/US 441 STA. 162+99.97 =
CHAPMAN VIEW DRIVE STA. 30+00.00
N 569785.8628
E 2628629.8233

SR 71/US 441 STA. 168+65.00 =
VALERIE WAY STA. 42+48.78
N 569629.6960
E 2629172.8456

⑧ FSP ENTERPRISES, LIMITED LIABILITY COMPANY
160

⑦ OLLIE & MARY LEE ELLIS

⑨ SEYMOUR STAR ASSOC

⑩ SEYMOUR STAR ASSOC

⑪ TENNESSEE STATE BANK

⑫ ELIZABETH FORD CRUZE AND HUSBAND WILLIAM CRUZE

⑬ TENNESSEE REAL ESTATE INVESTMENT PROPERTIES, INC.
165

⑭ ANDRE' FRANCOIS HICKMAN ETAL

⑮ LEVENSON FAMILY GP

CHAPMAN VIEW DRIVE

VALERIE WAY

SR 71/US 441

MATCH LINE STA. 156+50 SEE SHT. NO. 4A

MATCH LINE STA. 169+50 SEE SHT. NO. 6A

PT 159+61.93

POT 30+00.00

PC 30+56.33

POT 31+75.00

PT 31+35.65

POT 42+48.78

PC 41+08.71

POT 40+00.00

PROP. & EXIST. R.O.W.

PROP. CONST. ESMT.

PROP. SLOPE ESMT.

PROP. PERMANENT DRAINAGE ESMT.

PRES. & PROP. R.O.W.

CUT

FILL

WWC-1/EPH-1

WWC-2/EPH-2

WWC-3/EPH-3

WWC-4/EPH-4

10′ UTILITY & DRAINAGE ESMT AROUND TRACTS 3,4,9,10, & 11

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

R.O.W. DETAILS

STA. 156+50 TO STA. 169+50

SCALE: 1″=50′

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	5B

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. ADDED RETAINING WALL ON TRACT 8. REMOVED DRIVEWAY AT STA.156+67 AND ADDED DRIVEWAY AT 160+69.

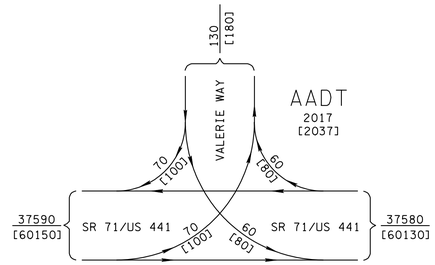
REV. 02/11/16 LABELED RIP RAP AND WWC-2 IMPACT POINT.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

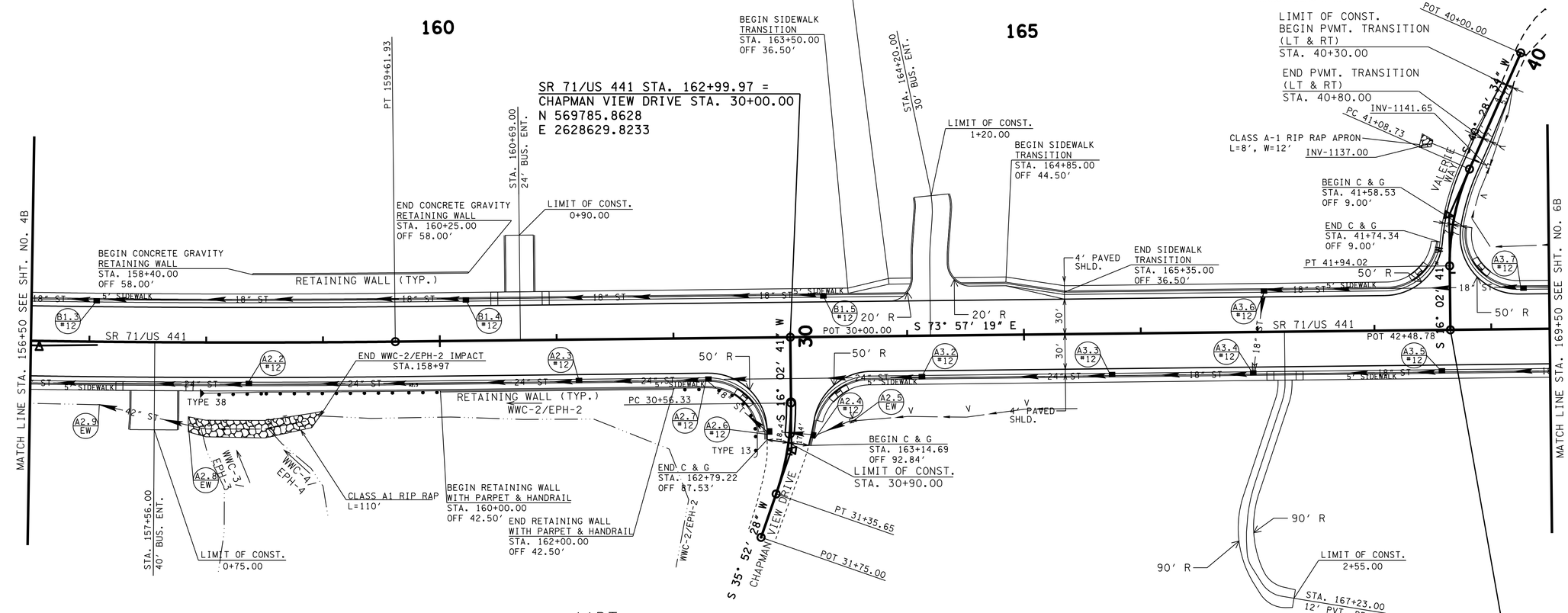
REV. 04/28/16 LABELED RIP RAP APRON DIMENSIONS.

CURVE DC1
PI 156+57.29
N 569,963.5294
E 2,628,012.0419
Δ 3° 02′ 49″ (LT)
D 0° 30′ 00″
R 11,459.16
L 609.41
T 304.78
SE NC
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

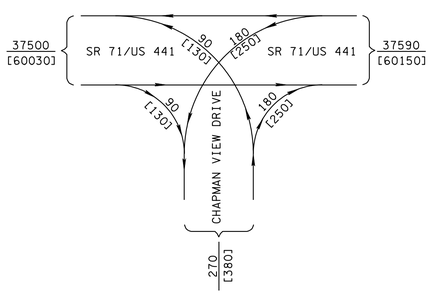
AADT
2017
[2037]



CURVE DC46
PI 41+52.03
N 569,723.9385
E 2,629,199.9486
Δ 24° 25′ 54″ (LT)
D 28° 38′ 52″
R 200.00
L 85.28
T 43.30
SE N/A
DESIGN SPEED 20 MPH
TRANS. LENGTH N/A



AADT
2017
[2037]



CURVE SC3
PI 30+96.39
N 569,693.2250
E 2,628,603.1818
Δ 19° 49′ 47″ (RT)
D 25° 00′ 00″
R 229.18
L 79.32
T 40.06
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

SR 71/US 441 STA. 168+65.00 =
VALERIE WAY STA. 42+48.78
N 569629.6960
E 2629172.8456

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

PROPOSED LAYOUT

STA.156+50 TO STA.169+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	5C

EXC.
EMB.

VPI 162+49.92
EL. 1111.66

CP 78-071-05
STA. 163+01.45
48.85' (RT)
N 569738.5062
E 2628617.7509
ELEV 1112.99
ALLUM. DISK

SR71 162+99.97 =
CHAPMAN VIEW DRIVE 30+00.00 =
ELEV. 1114.53

VPI 165+00.00
EL. 1126.03

OH WIRE
STA. 166+58.90
LOW WIRE EL.1156.61'
TEMP. ____ DEG.
1 CABLE

SR71 168+65.00 =
VALERIE WAY 42+48.78
ELEV. 1148.17

2" WATER LINE CROSSING
STA. 168+92.68
EL. 1147.43

24" STORM SEWER CROSSING
STA.168+97.59
EL. 1136.47
FLOWS LT.

DI -
STA. 169+31.16
43.47' (RT)
TOP 1140.06
INVERT 1136.98

FINISHED GRADE
OVERLAY
EXISTING GROUND

4" WATER LINE CROSSING
STA. 163+31.77
EL. 1112.69

OH WIRE
STA. 157+81.84
LOW WIRE EL.1105.63'
TEMP. ____ DEG.
1 POWER
1 GUY WIRE

VC = 255.00'
K = 83
V = 45 MPH

VPT 157+94.32
EL. 1084.11

VPI 156+66.82
EL. 1076.40

SE = NC RT

SE = NC LT

140'
SE TRANS
NC TO
2.10% LT

168+97.31 LT

5.75%
6.05%
6.07%
6.05%

24" RCP
18" RCP
FMS
4" G
6" W

1160 1155 1150 1145 1140 1135 1130 1125 1120 1115 1110 1105 1100 1095 1090 1085 1080 1075 1070 1065

157+00 158+00 159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.156+50 TO STA.169+50
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	6

REV. 06/13/16 ADDED SIGN ON TRACT 16. ADDED SEPTIC TO TRACT 12. ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS, REVISED OTHER EASEMENTS, AND ADDED FENCING ON TRACT 23.

CURVE DC47
PI 51+32.38
N 569,622.1495
E 2,629,497.1282
Δ 25° 05′ 59″ (LT)
D 25° 27′ 53″
R 225.00
L 98.57
T 50.09
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

CP 78-071-06
STA. 174+11.32
-80.69′(LT)
N 569505.0247
E 2629713.4134
ELEV 1181.34
ALLUM. DISK

CP 78-071-07
STA. 178+23.10
-101.35′(LT)
N 569350.0578
E 2630101.1879
ELEV 1195.87
ALLUM. DISK

CP 78-071-08
STA. 182+48.70
6.94′(RT)
N 569053.1116
E 2630428.3959
ELEV 1187.57
ALLUM. DISK

CURVE DC44
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02′ 15″ (RT)
D 1° 12′ 22″
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140

LEVENSON FAMILY GP
SEYMOUR VOLUNTEER FIRE
1-BL-BUS FIRE DEPARTMENT
ROGER L FLENNIKEN
1-F-BUS BIG MOMMA'S
DELLA ANN JULIAN
INV-1192.50 1-F-BUS FORD HILL MINI STORAGE
GARY A HELTON & FRANK G BOHANAN, SR
1-STL-BUS VACANT
ADAMS PROPERTIES
1-F-RES/ 2 APTS
ADAMS PROPERTIES GENERAL PARTNERSHIP
1-B-RES
2-F-BUS REMAX REALTY
PRIVETT INS. AGENCY 2-F-BUS
1-STL-BUS
1-F-RES
1-B-RES
GAR
SHED
JAMES FRED BALES, JR
ELIZABETH FORD CRUZE AND HUSBAND WILLIAM CRUZE
THOMAS E CHRISTENBERRY
HUTCHESON ROAD
SR 71/US 441
SHADY LANE
FORD HILL LANE
MATCH LINE STA. 169+50 SEE SHT. NO. 5
MATCH LINE STA. 182+50 SEE SHT. NO. 7

SR 71/US 441 STA. 173+60.00 =
FORD HILL LANE STA. 61+88.03
N 569477.4176
E 2629643.6502

SR 71/US 441 STA. 171+75.00 =
SHADY LANE STA. 52+17.77
N 569539.6717
E 2629469.4517

CURVE DC48
PI 61+01.33
N 569,560.3058
E 2,629,675.1056
Δ 26° 46′ 23″ (LT)
D 25° 27′ 53″
R 225.00
L 105.14
T 53.55
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

PROP. PERMANENT ESMT. FOR RETAINING WALL TIE BACKS

AREA TO BE SCARIFIED AND OBLITERATED

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

PRESENT LAYOUT

STA. 169+50 TO STA. 182+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	6A

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS AND REVISED OTHER EASEMENTS ON TRACT 23.

CURVE DC47
PI 51+32.38
N 569,622.1495
E 2,629,497.1282
Δ 25° 05′ 59″ (LT)
D 25° 27′ 53″
R 225.00
L 98.57
T 50.09
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

CP 78-071-06
STA. 174+14.84
-50.88′(LT)
N 569505.0247
E 2629713.4134
ELEV 1181.34
ALLUM. DISK

CP 78-071-07
STA. 178+27.18
-66.54′(LT)
N 569350.0578
E 2630101.1879
ELEV 1195.87
ALLUM. DISK

CURVE DC44146.77′
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02′ 15″ (RT)
D 1° 12′ 22″
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140

CURVE DC48
PI 61+01.33
N 569,560.3058
E 2,629,675.1056
Δ 26° 46′ 23″ (LT)
D 25° 27′ 53″
R 225.00
L 105.14
T 53.55
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

SR 71/US 441 STA. 173+60.00 =
FORD HILL LANE STA. 61+88.03
N 569477.4176
E 2629643.6502

SR 71/US 441 STA. 171+75.00 =
SHADY LANE STA. 52+17.77
N 569539.6717
E 2629469.4517

170
175
180

15 LEVENSON FAMILY GP
16 SEYMOUR VOLUNTEER FIRE
17 ROGER L FLENNIKEN
18 DELLA ANN JULIAN
19 GARY A HELTON & FRANK G BOHANAN, SR
20 ADAMS PROPERTIES
21 ADAMS PROPERTIES
22 ADAMS PROPERTIES GENERAL PARTNERSHIP
23 JAMES FRED BALES, JR
12 ELIZABETH FORD CRUZE AND HUSBAND WILLIAM CRUZE
25 THOMAS E CHRISTENBERRY
24 THOMAS E CHRISTENBERRY
25 THOMAS E CHRISTENBERRY

SR 71/US 441
SHADY LANE
FORD HILL LANE
CP 78-071-06
CP 78-071-07
PRES. R.O.W.
PROP. R.O.W.
PRES. & PROP. R.O.W.
PROP. SLOPE ESMT.
PROP. CONST. ESMT.
PROP. PERMANENT ESMT. FOR RETAINING WALL TIE BACKS
EASEMENT FOR INGRESS/EGRESS
EXISTING 15′ EASEMENT FOR ROW ALONG DRIVE
MATCH LINE STA. 169+50 SEE SHT. NO. 5A
MATCH LINE STA. 182+50 SEE SHT. NO. 7A

N

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

R.O.W. DETAILS

STA. 169+50 TO STA. 182+50

SCALE: 1″=50′

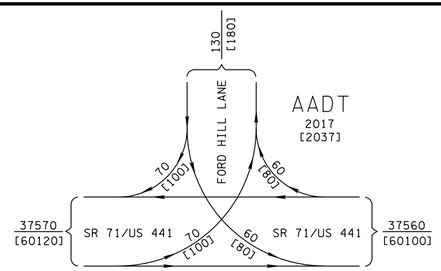
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	6B

REV. 04/28/16 LABELED RIP RAP APRON DIMENSIONS.

CURVE DC47
PI 51+32.38
N 569,622.1495
E 2,629,497.1282
Δ 25° 05′ 59″ (LT)
D 25° 27′ 53″
R 225.00
L 98.57
T 50.09
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

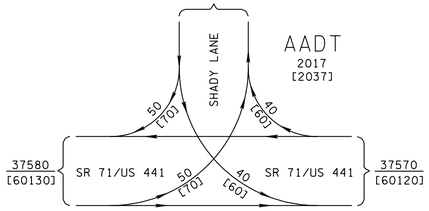


175

180

170

CURVE DC44
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02′ 15″ (RT)
D 1° 12′ 22″
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140



CURVE DC48
PI 61+01.33
N 569,560.3058
E 2,629,675.1056
Δ 26° 46′ 23″ (LT)
D 25° 27′ 53″
R 225.00
L 105.14
T 53.55
SE N/A
DESIGN SPEED 25 MPH
TRANS. LENGTH N/A

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 169+50 TO STA. 182+50

SCALE: 1″=50′

R.O.W. PLANS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	6C

EXC.
EMB.

OH WIRE
STA. 172+76.92
LOW WIRE EL.1200.60'
TEMP. ____ DEG.
3 POWER
2 TELEPHONE
1 CABLE
1 GUY WIRE

OH WIRE
STA. 172+28.16
LOW WIRE EL.1192.36'
TEMP. ____ DEG.
3 CABLE
1 GUY WIRE

OH WIRE
STA. 173+90.24
LOW WIRE EL.1202.06'
TEMP. ____ DEG.
3 POWER
3 TELEPHONE
1 CABLE

OH WIRE
STA. 181+39.10
LOW WIRE EL.1216.27'
TEMP. ____ DEG.
1 TELEPHONE
1 CABLE
3 GUY WIRE

SR71 171+75.00 =
SHADY LANE 52+17.77
ELEV. 1166.97

SR71 173+60.00 =
FORD HILL LANE 61+88.03
ELEV. 1178.05

VPI 178+17.61
EL. 1205.96

CREST 178+21.83
EL. 1190.69

VPC 173+10.11
EL. 1175.17

CP 78-071-07
STA. 178+27.18
-66.54'(LT)
N 569350.0578
E 2630101.1879
ELEV 1195.87
ALLUM. DISK

CP 78-071-06
STA. 174+14.84
-50.88'(LT)
N 569505.0247
E 2629713.4134
ELEV 1181.34
ALLUM. DISK

4" WATER LINE CROSSING
STA. 173+86.37
EL. 1175.90

FMS SA SEWER CROSSING
STA. 169+56.97
EL. 1144.66

EXISTING GROUND
FINISHED GRADE
OVERLAY

6.07%
-5.97%

VC = 1015.00'
K = 84
V = 45+ MPH

3.42' SE TRANS
NC TO -2.10% RT

SE = NC RT
SE = -2.10% RT
SE = 2.10% LT

140'
SE TRANS
NC TO
2.10% LT

170+33.89 RT
170+37.31
LT & RT

18" RCP
24" RCP
FMS
6" W
4" W
4" G

1215 1210 1205 1200 1195 1190 1185 1180 1175 1170 1165 1160 1155 1150 1145 1140 1135 1130 1125 1120

170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00 180+00 181+00 182+00

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 169+50 TO STA. 182+50
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	7

REV. 06/13/16 SUBDIVIDED TRACT 26. REMOVED DRIVEWAY AT STA. 191+56 AND ADDED DRIVEWAY AT STA. 191+45.

CP 78-071-08
STA. 182+56.03
34.62'(RT)
N 569053.1116
E 2630428.3959
ELEV 1187.57
ALLUM. DISK

CP 78-071-09
STA. 188+64.05
38.35'(RT)
N 568705.5371
E 2630923.6161
ELEV 1142.54
ALLUM. DISK

CP 78-071-10
STA. 194+50.78
38.47'(RT)
N 568359.8918
E 2631397.7286
ELEV 1107.04
ALLUM. DISK

CURVE DC44
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02' 15" (RT)
D 1° 12' 22"
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140

CURVE DC42
PI 71+53.83
N 568,710.0536
E 2,631,090.1621
Δ 15° 05' 29" (RT)
D 26° 38' 57"
R 215.00
L 56.63
T 28.48
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

HILLTOP VIEW DRIVE
MURPHY ROAD
HUTCHESON ROAD
SR 71/US 441
SIMMONS ROAD
GROUND OBSCURED
DEBRI
POOL
DECKS
SHED
CARPORT
DECK
GAR
CONC
BBG
RW
SEWER
W.M.
GRASS
ASP
CUT
FILL
PASTURE
PRES. R.O.W.
PROP. R.O.W.
PROP. CONST. ESMT.
PROP. SLOPE ESMT.
PROP. & PRES. R.O.W.
FILL LANDSCAPING
BOX CULVERT
GRATE OPENING
2.5' X 2.5'
STOP AHEAD
RIVER OF LIFE CHURCH
SEYMOUR UNITED METHODIST CHURCH
CONC. DITCH
TEL
PED
CURB
GUARD RAIL
FMS
S.V.
P/T/TV
MATCH LINE STA. 182+50 SEE SHT. NO. 6
MATCH LINE STA. 195+50 SEE SHT. NO. 8

22 ADAMS PROPERTIES GENERAL PARTNERSHIP
1-B-BUS TOWING SERVICE
25 THOMAS E CHRISTENBERRY
26 TENNESSEE DISTRICT COUNCIL OF THE ASSEMBLIES OF GOD
26A EDEN CHAPEL, INC.
26B EDEN CHAPEL, INC.
27 GARRY A NOLAND
28 FORD HILL REALTY
1-B-BUS US CELLULAR
29 SONA ELY & GEORGE L BORTNICK
2-B-BUS REALTY SPECIALIST
30 MICHAEL E FRANCE
1-F-RES
31 MARTIN E & LISA F BURGESS
2-B-RES
32 SEYMOUR UNITED METHODIST CHURCH
33 BARRY SHULAR
34 BARRY SHULAR

185 190 195

POT 70+00.00
INV-1128.36
INV-1126.81
INV-1125.59
PC 71+25.35
INV-1124.21
INV-1146.23
INV-1144.46
INV-1159.76
INV-1158.66
INV-1154.98
INV-1152.57
INV-1146.60
INV-1144.42
INV-1163.13
INV-1160.87
INV-1148.14
INV-1131.67
INV-1111.10
INV-1110.55
INV-1110.54
INV-1107.49
INV-1104.39
INV-1094.52
INV-1111.69
INV-1119.95
INV-1108.05
INV-1135.23
INV-1135.38
INV-1122.60
INV-1119.21
PC 72+67.64
PT 73+37.32
PC 73+58.22
PT 74+71.81
POT 75+74.43

S 30° 53' 26" W
S 53° 55' 05" E 42' ASP
S 04° 55' 47" W
S 47° 36' 33" W
S 36° 06' 04" W

CP 78-071-08 P/T
CP 78-071-09
CP 78-071-10
12"RCP
15"CMP
18"RCP
24" ST
18" ST
48" ST
18" SMS
24" SMS
4" W 4" G

CURVE DC43
PI 73+02.57
N 568,606.6560
E 2,630,982.7837
Δ 9° 58' 51" (LT)
D 14° 19' 26"
R 400.00
L 69.68
T 34.93
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC49
PI 74+15.08
N 568,515.6110
E 2,630,916.3898
Δ 6° 30' 29" (RT)
D 5° 43' 46"
R 1,000.00
L 113.59
T 56.86
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 182+50 TO STA. 195+50

SCALE: 1"=50'

R.O.W. PLANS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	7A

REV. 06/13/16 SUBDIVIDED TRACT 26. REMOVED DRIVEWAY AT STA. 191+56 AND ADDED DRIVEWAY AT STA. 191+45.

CP 78-071-08
STA. 182+56.03
34.62'(RT)
N 569053.1116
E 2630428.3959
ELEV 1187.57
ALLUM. DISK

CP 78-071-09
STA. 188+64.05
38.35'(RT)
N 568705.5371
E 2630923.6161
ELEV 1142.54
ALLUM. DISK

CP 78-071-10
STA. 194+50.78
38.47'(RT)
N 568359.8918
E 2631397.7286
ELEV 1107.04
ALLUM. DISK

CURVE DC44
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02′ 15″ (RT)
D 1° 12′ 22″
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140

CURVE DC42
PI 71+53.83
N 568,710.0536
E 2,631,090.1621
Δ 15° 05′ 29″ (RT)
D 26° 38′ 57″
R 215.00
L 56.63
T 28.48
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

N

185
190
195

22 ADAMS PROPERTIES GENERAL PARTNERSHIP
27 GARRY A NOLAND
28 FORD HILL REALTY
29 SONA ELY & GEORGE L BORTNICK
30 MICHAEL E FRANCE
31 MARTIN E & LISA F BURGESS
25 THOMAS E CHRISTENBERRY
26B EDEN CHAPEL, INC.
26A EDEN CHAPEL, INC.
26 TENNESSEE DISTRICT COUNCIL OF THE ASSEMBLIES OF GOD
33 BARRY SHULAR
32 SEYMOUR UNITED METHODIST CHURCH
34 BARRY SHULAR

SR 71/US 441
HUTCHESON ROAD
SIMMONS ROAD
MATCH LINE STA. 182+50 SEE SHT. NO. 6A
MATCH LINE STA. 195+50 SEE SHT. NO. 8A
CP 78-071-08
CP 78-071-09
CP 78-071-10
PROP. CONST. ESMT.
PROP. SLOPE ESMT.
PRES. & PROP. R.O.W.
PROP. R.O.W.
POT 70+00.00
PC 71+25.35
PT 71+81.98
POT 75+74.43
PT 186+28.47
PC 72+67.64
PT 73+37.32
PC 73+58.22

CURVE DC43
PI 73+02.57
N 568,606.6560
E 2,630,982.7837
Δ 9° 58′ 51″ (LT)
D 14° 19′ 26″
R 400.00
L 69.68
T 34.93
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC49
PI 74+15.08
N 568,515.6110
E 2,630,916.3898
Δ 6° 30′ 29″ (RT)
D 5° 43′ 46″
R 1,000.00
L 113.59
T 56.86
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

R.O.W. DETAILS

STA. 182+50 TO STA. 195+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	7B

REV. 06/13/16 REMOVED DRIVEWAY AT STA. 191+56 & ADDED DRIVEWAY AT STA. 191+45.

CURVE DC44
PI 178+06.46
N 569,369.4899
E 2,630,077.6327
Δ 20° 02′ 15″ (RT)
D 1° 12′ 22″
R 4,750.00
L 1,661.16
T 839.15
SE 0.021 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 140

CURVE DC42
PI 71+53.83
N 568,710.0536
E 2,631,090.1621
Δ 15° 05′ 29″ (RT)
D 26° 38′ 57″
R 215.00
L 56.63
T 28.48
SE N/A
DESIGN SPEED 15 MPH
TRANS. LENGTH N/A

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

185 190 195 70 75

MATCH LINE STA. 182+50 SEE SHT. NO. 6B

MATCH LINE STA. 195+50 SEE SHT. NO. 8B

LIMIT OF CONST. BEGIN PVMT. TRANSITION (LT & RT) STA. 70+60.00

POT 70+00.00

LIMIT OF CONST. 0+80.00

STA. 185+57.00 12″ BUS. ENT.

PT 186+28.47

STA. 186+34.00 36″ BUS. ENT.

LIMIT OF CONST. 0+70.00

STA. 181+60.00 16″ BUS. ENT.

LIMIT OF CONST. 1+00.00

LIMIT OF CONST. 0+35.00

STA. 70+73.00 40′ PVT. DR. * S.D. REQD.

HUTCHESON ROAD

S 30° 59′ 26″ W

9.5′ 9.5′

END PVMT. TRANSITION (LT & RT) STA. 71+00.00

END C & G STA. 71+34.35 OFF 13.00′

PC 71+25.35

PT 71+81.98

50′ R

BEGIN C & G STA. 71+38.70 OFF 13.00′

PROP. 3′ x 3′ BOX CULV. (L=30′)

LIMIT OF CONST. 0+75.00

STA. 191+45.00 40″ BUS. ENT.

BEGIN RETAINING WALL STA. 192+32.00 OFF 46.00′

END RETAINING WALL STA. 195+18.00 OFF 46.00′

RETAINING WALL (TYP.)

BEGIN PVMT. TRANSITION STA. 186+00.00

SR 71/US 441

S 53° 55′ 05″ E

S 46° 04′ 55″ W

END PVMT. TRANSITION STA. 187+00.00

50′ R

66′ R

84′ R

END C & G STA. 73+14.46 OFF 15.00′

BEGIN C & G STA. 72+90.42 OFF 26.00′

PC 72+67.64

PT 73+37.32

PC 73+58.22

S 36° 06′ 04″ W

LIMIT OF CONST. 1+10.00

BEGIN PVMT. TRANSITION (LT & RT) STA. 74+15.00

PT 74+71.81

STA. 74+18.00 40′ BUS. ENT.

LIMIT OF CONST. END PVMT. TRANSITION (LT & RT) STA. 74+65.00

SIMMONS ROAD

S 42° 36′ 33″ W

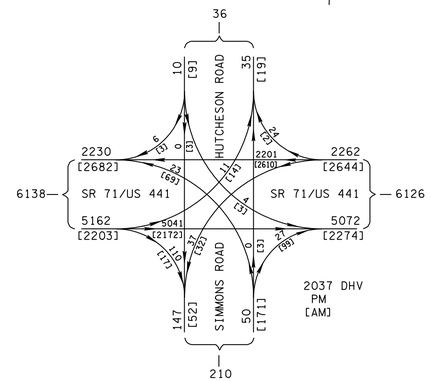
POT 75+74.43

LIMIT OF CONST. 0+75.00

STA. 193+41.00 26″ BUS. ENT.

STA. 194+13.00 38″ BUS. ENT.

LIMIT OF CONST. 0+60.00



CURVE DC43
PI 73+02.57
N 568,606.6560
E 2,630,982.7837
Δ 9° 58′ 51″ (LT)
D 14° 19′ 26″
R 400.00
L 69.68
T 34.93
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CURVE DC49
PI 74+15.08
N 568,515.6110
E 2,630,916.3898
Δ 6° 30′ 29″ (RT)
D 5° 43′ 46″
R 1,000.00
L 113.59
T 56.86
SE N/A
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 182+50 TO STA. 195+50

SCALE: 1″=50′

R.O.W. PLANS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	7C

EXC.
EMB.

CP 78-071-08
STA. 182+56.03
34.62' (RT)
N 569053.1116
E 2630428.3959
ELEV 1187.57
ALLUM. DISK

4' G
4' G
FMS
6" W
4" W
18" RCP
24" RCP
-5.97%

VPT 183+25.11
EL. 1175.67

VC = 1015.00'
K = 84
V = 45+ MPH

CP 78-071-09
STA. 188+64.05
38.35' (RT)
N 568705.5371
E 2630926.6161
ELEV 1142.54
ALLUM. DISK

VPI 189+00.00
EL. 1141.36

SR71 189+84.81 = HUTCHESON ROAD/SIMMONS ROAD 192+17.86

ELEV. 1136.21

OH WIRE
STA. 189+87.05
LOW WIRE EL.1154.14'
TEMP. ____ DEG.
1 POWER
1 TELEPHONE
1 CABLE
1 GUY WIRE

4" GAS LINE CROSSING
STA. 189+30.02
EL. 1133.85

FMS SA SEWER CROSSING
STA. 189+49.25
EL. 1132.26

MH -
STA. 189+51.17
119.69' (RT)
TOP 1135.23
INVERT 1132.63

6" WATER LINE CROSSING
STA. 189+99.97
EL. 1130.32

EXISTING GROUND

OVERLAY

DI -
STA. 191+25.77
108.08' (RT)
TOP 1119.21
INVERT 1117.05

FINISHED GRADE

DI -
STA. 191+28.09
249.84' (RT)
TOP 1119.95
INVERT 1116.48

DI -
STA. 191+06.80
44.49' (RT)
TOP 1122.60
INVERT 1110.54

48" ST

-6.07%

CP 78-071-10
STA. 194+50.78
38.47'(RT)
N 568359.8918
E 2631397.7286
ELEV 1107.04
ALLUM. DISK

FMS SA SEWER CROSSING
STA. 194+29.36
EL. 1106.79

STATION	190+81.57
STRUCTURE	EXIST. 90.34' OF 3'x3' BOX CULV.
SKEW	59°49'44"
DRAINAGE AREA	24.9 AC.
DESIGN DISCHARGE (Q50)	41.22 CFS
DESIGN DISCHARGE (Q100)	50.89 CFS
OVERTOPPING ELEV.	1131.06
ALLOWABLE HEADWATER ELEV.	1114.89
Q50 HEADWATER ELEV.	1114.34
Q100 HEADWATER ELEV.	1114.87
VELOCITY (Q50)	8.35 FT/S
VELOCITY (Q100)	8.75 FT/S
INLET ELEVATION	1111.29
OUTLET ELEVATION	1110.54
STANDARD DRAWING NUMBERS	STD-15-25
CLASS "A" CONCRETE	C.Y.
STEEL BAR REINFORCING	LB.
FOUNDATION FILL MATERIAL	C.Y.

3.42' SE TRANS
-2.10% TO NC RT

SE = -2.10% RT

SE = NC RT

SE = 2.10% LT

40' SE TRANS
2.10% TO NC LT

SE = NC LT

185+58.47
LT & RT

185+61.89 RT

186+38.47 LT

1185 1180 1175 1170 1165 1160 1155 1150 1145 1140 1135 1130 1125 1120 1115 1110 1105 1100 1095 1090

183+00 184+00 185+00 186+00 187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00

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R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.182+50 TO STA.195+50

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	8

REV. 11/05/15 ADDED NEW DEVELOPMENT, REVISED SLOPES & EASEMENTS, & SUBDIVIDED TRACT 37. REVISED DRIVEWAY AT STA. 200+98.

REV. 02/11/16 LABELED STR-1 IMPACT POINTS & ADDED RIP RAP.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 06/13/16 CHANGED SLOPE EASEMENT TO CONSTRUCTION EASEMENT ON TRACT 37B.

CP 78-071-11
STA. 202+46.24
38.98'(RT)
N 567891.0053
E 2632040.2982
ELEV 1065.24
ALLUM. DISK

31 MARTIN E & LISA F BURGESS
38 RICHARD A & ROSEMARY C WEBB
39 SHIRL OWNBY TRUSTEE
40 BRUCE A & PHULLIS B BALDWIN ETAL
44 JEFFREY D. CASE AND WIFE MARY L. CASE
33 BARRY SHULAR
37 MC DENTAL PARTNERSHIP
37A BARRY L. SHULAR
37B JAB PARTNERSHIP
34 BARRY SHULAR
35 FF LANDLORD #1 LLC
36 MICAH S & ASHLEY N MARSH
41 LARRY WAYNE & NYOKA HELTON
42 JIMMIE SPURGEON BOBBY SPURGEON AND HERMAN REED SPURGEON
43 DORA JANET MOORE
47 PAMELA S & JERRY C HAMMONTREE

GROUND OBSCURED
1-F-RES
2-F-RES
DECK
GR
WOODS
CUT
FILL
PROP. PERMANENT DRAINAGE ESMT.
PROP. CONST. ESMT.
CLASS C RIP RAP L=50', W=12'
CLASS C RIP RAP APRON L=65', W=31'
CLASS A RIP RAP APRON L=8', W=12'
2-B-BUS LITTLE CAESARS
2-B-BATHROOMS
DEBRI
PASTURE
PRES. & PROP. R.O.W.
PROP. SLOPE ESMT.
INV-1087.93
INV-1091.64
18" CMP
INV-1049.14
INV-1052.45
15" CMP
INV-1064.12
INV-1076.74
TOP-1083.25
SR 71/US 441
S 53° 55' 05" E
BOX CULVERT
OUTSIDE TOP DIMENSIONS 11.0' X 7.5'
GRATE OPENING 3.3' X 3.3'
TOP-1056.96
INV-1050.43
INV-1050.88
EXIST. 6' x 5' BOX CULV. TO REMAIN (L=100')
INV-1066.49
INV-1053.19
INV-1053.07
INV-1054.81
MATCH LINE STA. 195+50 SEE SHT. NO. 7
MATCH LINE STA. 208+50 SEE SHT. NO. 9
TOP-1062.03
INV-1057.53
TOP-1059.58
INV-1051.12
INV-1051.91
TOP-1058.87
INV-1051.73
TOP-1057.98
INV-1050.34
INV-1050.96
LANGFORD ORTHODONTICS
1-B-BUS. FAMILY DENTISTRY
1-B-BUS. LANGFORD ORHTODONTICS
FLOWERS DISCOUNT BAKERY
1-STL-BUS
SEWER PUMP
FELTON USED CARS
1-F-BUS
SHED
MOBILE HOME
1-B-BUS HAMMONTREE REAL ESTATE
PROP. PERMANENT DRAINAGE ESMT.
PROP. CONST. ESMT.
PROP. SLOPE ESMT.
GRASS
FAMILY DENTISTRY
CURB
ASP
RCP
24" CONC.
24" CPP
30" ST
18" ST
24" ST
W.V. CURB
G.V.M.S.
W.M.
P/TV
P/T/TV
FMS
TRAIL
DECK
GROUND OBSCURED

N

AREA TO BE SCARIFIED AND OBLITERATED

R.O.W. PLANS

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.195+50 TO STA.208+50

SCALE: 1"=50'

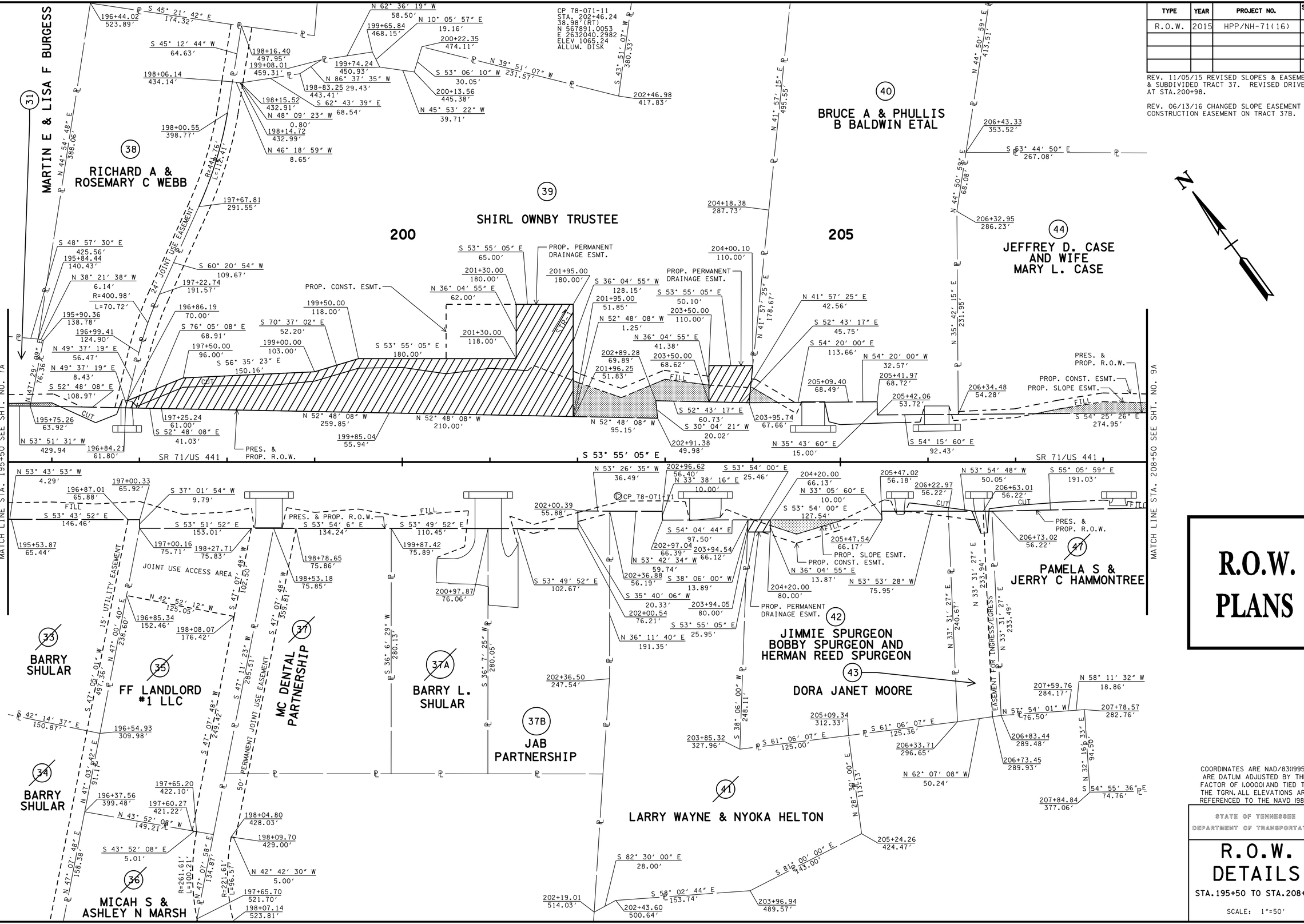
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	8A

REV. 11/05/15 REVISED SLOPES & EASEMENTS & SUBDIVIDED TRACT 37. REVISED DRIVEWAY AT STA.200+98.

REV. 06/13/16 CHANGED SLOPE EASEMENT TO CONSTRUCTION EASEMENT ON TRACT 37B.



R.O.W. PLANS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

STA. 195+50 TO STA. 208+50

SCALE: 1"=50'

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

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

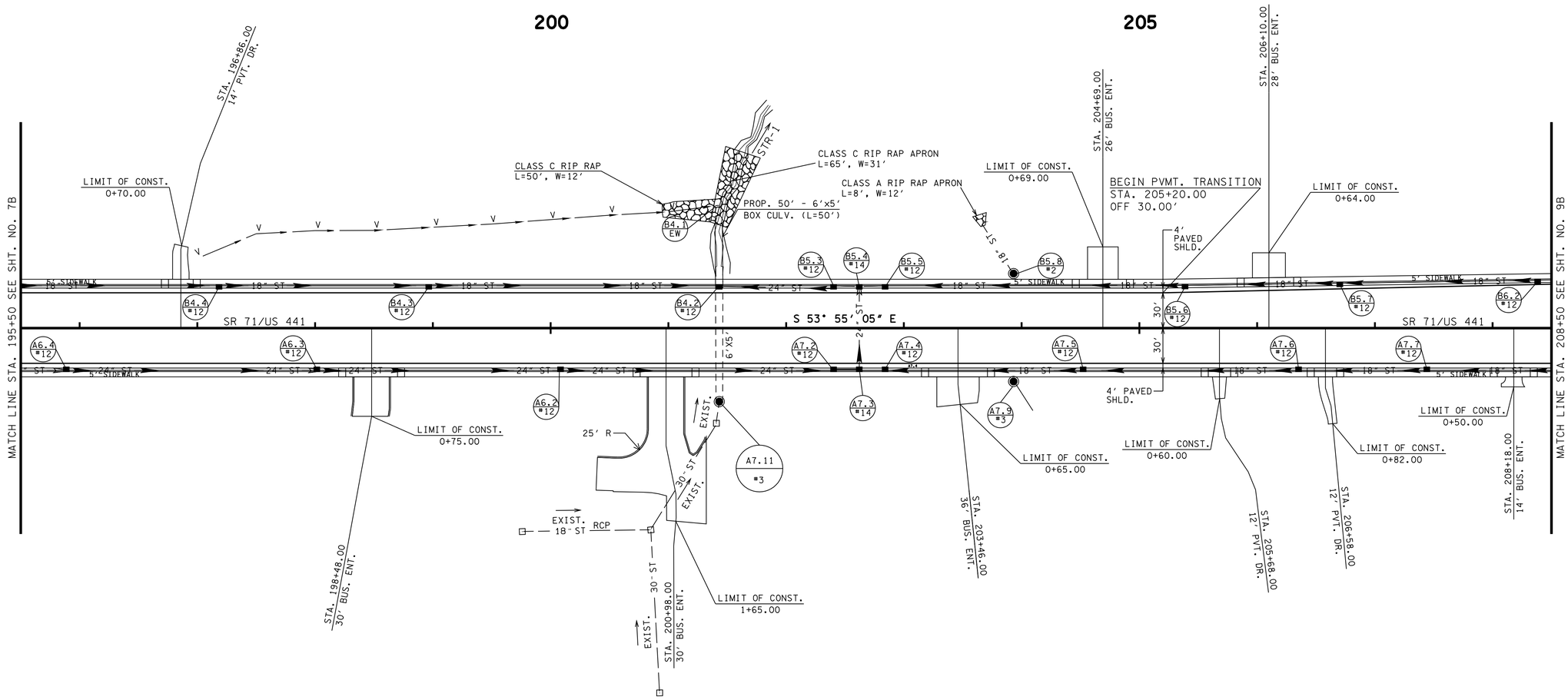
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	8B

REV. 11/05/15 REVISED DRIVEWAY AT STA. 200+98. REMOVED STRUCTURE A7.10.

REV. 02/11/16 LABELED STR-1 IMPACT POINTS & ADDED RIP RAP.

REV. 03/07/16 REVISED ENVIRONMENTAL BOUNDARIES.

REV. 04/28/16 LABELED RIP RAP WIDTH AND APRON DIMENSIONS.



R.O.W. PLANS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 195+50 TO STA. 209+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	8C

REV. 02/11/16 ADDED PROPOSED CULVERT EXTENSION.

OH WIRE
STA. 196+01.71
LOW WIRE EL.1122.07'
TEMP. ____ DEG.
1 TELEPHONE
1 CABLE
2 GUY WIRE

OH WIRE
STA. 202+41.15
LOW WIRE EL.1089.69'
TEMP. ____ DEG.
1 POWER
1 TELEPHONE
1 CABLE

OH WIRE
STA. 203+23.25
LOW WIRE EL.1090.87'
TEMP. ____ DEG.
1 TELEPHONE

OH WIRE
STA. 204+74.76
LOW WIRE EL.1104.67'
TEMP. ____ DEG.
1 POWER

OH WIRE
STA. 207+08.81
LOW WIRE EL.1107.16'
TEMP. ____ DEG.
2 TELEPHONE
1 CABLE

2" GAS LINE CROSSING
STA. 196+67.83
EL. 1089.39

T (UG)

EXISTING GROUND

OVERLAY

FINISHED GRADE

-6.07%
-5.39%
4.34%
4.57%

VPI 199+50.00
EL. 1077.63

VPC 200+46.00
EL. 1072.45

SAG 202+62.47
EL. 1066.62

VPT 204+46.00
EL. 1070.81

VPI 205+50.00
EL. 1075.56

VPI 202+46.00
EL. 1061.67

VC = 400.00'
K = 40
V = 30 MPH

CP 78-071-11
STA. 202+46.24
38.98'(RT)
N 567891.0053
E 2632040.2982
ELEV 1065.24
ALLUM. DISK

DI -
STA. 201+42.84
62.51' (RT)
TOP 1056.96
INVERT 1050.02

DI -
STA. 203+93.47
44.78' (RT)
TOP 1066.49
INVERT 1053.17

15" STORM SEWER CROSSING
STA.203+93.41
EL. 1052.83
FLOWS LT.

STATION	201+43.17	
STRUCTURE	EXIST. 100.45' OF 6'x5' BOX CULV.	
	PROP. 50' OF 6'x5' BOX CULV.	
SKEW	89°53'18"	
DRAINAGE AREA	108.17	AC.
DESIGN DISCHARGE (Q50)	232.23	CFS
DESIGN DISCHARGE (Q100)	282.40	CFS
OVERTOPPING ELEV.	1068.05	
ALLOWABLE HEADWATER ELEV.	1061.43	
Q50 HEADWATER ELEV.	1056.67	
Q100 HEADWATER ELEV.	1057.86	
VELOCITY (Q50)	15.37	FT/S
VELOCITY (Q100)	16.08	FT/S
INLET ELEVATION	1050.43	
OUTLET ELEVATION	1047.81	
STANDARD DRAWING NUMBERS	STD-15-25	
CLASS "A" CONCRETE		C.Y.
STEEL BAR REINFORCING		LB.
FOUNDATION FILL MATERIAL		C.Y.

SE = NC RT

SE = NC LT

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R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.195+50 TO STA.208+50
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	9

CP 78-071-12
STA. 210+23.95
43.55'(RT)
N 567429.2857
E 2632666.1283
ELEV 1095.98
ALLUM. DISK

JEFFREY D. CASE AND WIFE MARY L. CASE (44)

CHARLES HEBERT CASE (45)
210

INVESTORS TRUST COMPANY (46)
1-STN-BUS
HOME FEDERAL BANK

HARDEE'S
1-BL-BUS

PROP. CONST. ESMT.

PRES. & PROP. R.O.W.

PROP. SLOPE ESMT.

PROP. CONST. ESMT.

SR71 (CHAPMAN HWY) SR 71/US 441 S 53° 55' 05" E 72' ASP

MATCH LINE STA. 208+50 SEE SHT. NO. 8

SEWER PUMP

GAS PUMPS (49)
CALLOWAY-HUNT REAL ESTATE

1-B-BUS
EXXON/TACO BELL (90)

1-B-BUS
WALGREENS (48)
DAB LLC % WALGREENS

CALLOWAY-HUNT REAL ESTATE (50)

SEVIER COUNTY BANK (51)

SR338 (BOYDS CREEK HWY)

GROUND OBSCURED

LYNNB & WILLIAM B WEIGEL (52)

MCDONALDS

GRASS

SR35 (SEVIERVILLE RD)

N 66° 12' 33" E 100'

N 71° 26' 19" E 120'

POT 102+75.00

POT 100+00.00

POT 92+75.00

POT 90+00.00

POC 214+93.20

END PROJ. NO. HPP/NH-71(16)
STA. 210+55.00 (R.O.W.)

EXXON- FACILITY ID #2780255		
E.P.A. CERTIFICATION NO. 013926		
TANK NO.	CAPACITY	FUEL TYPE
5A	12,000 GALLONS	GASOLINE
6A	8,000 GALLONS	GASOLINE
6B	8,000 GALLONS	DIESEL
6C	4,000 GALLONS	DIESEL

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. PLANS

PRESENT LAYOUT

STA. 208+50 TO END

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	9A

CP 78-071-12
STA. 210+23.95
43.55'(RT)
N 567429.2857
E 2632666.1283
ELEV 1095.98
ALLUM. DISK

209+45.11
447.96'
N 53° 44' 60" W
215.58'
211+60.69
447.33'
N 36° 15' 00" E
95.34'
N 36° 14' 60" E
95.34'
S 53° 44' 50" E
267.08'
209+10.41
352.72'
209+44.83
352.62'
N 53° 44' 60" W
215.58'
211+60.41
351.99'
S 53° 44' 60" E
264.24'
214+24.65
351.21'
S 48° 15' 37" E
157.19'
209+10.36
337.06'
N 36° 14' 60" E
15.66'
209+44.78
336.96'
S 53° 45' 00" E
34.42'
N 36° 15' 00" E
15.66'

210

45
CHARLES HEBERT CASE

N 36° 16' 23" E
280.35'
N 36° 15' 00" E
295.89'

46
INVESTORS TRUST COMPANY

S 73° 45' 04" W
36.26'
S 66° 19' 39" W
18.80'
N 66° 38' 20" E
115.01'
S 23° 40' 16" E
200.26'
N 66° 20' 00" E
94.40'
N 66° 20' 00" E
122.50'
S 17° 01' 60" E
115.80'
S 14° 28' 00" E
144.80'

52
LYNNB & WILLIAM B WEIGEL

214+51.27
122.98'
213+96.32
78.45'
S 69° 29' 00" W
38.75'
R=78.50'
L=17.16'
214+29.94
90.63'
213+81.33
70.15'
214+17.78
75.86'
S 66° 27' 00" W
134.40'
POT 214+93.20
SR 338
N 66° 20' 00" E
259.70'
POT 102+75.00
PRES. &
PROP. R.O.W.
N 0° 03' 60" E
19.70'

44
JEFFREY D. CASE
AND WIFE
MARY L. CASE

209+09.43
56.71'
FILL
PROP.
CONST.
ESMT.
N 53° 46' 41" W
250.11'
PRES. &
PROP. R.O.W.
UNSPECIFIED EASEMENT FOR GAS
THERE EXIST A 15' ESMT FOR FMS
N 69° 46' 60" E
17.64'
211+59.54
56.10'
N 53° 45' 00" W
212.00'
213+71.54
55.48'
S 47° 02' 42" E
21.62'
R=94.50'
L=19.16'
N 66° 12' 32" E
S 54° 25' 26" E
274.95'
PROP. SLOPE ESMT.
SR 71/US 441
S 53° 55' 05" E
100
UNSPECIFIED EASEMENT FOR GAS
N 53° 38' 00" W
129.70'
N 53° 58' 00" W
83.40'
N 53° 58' 00" W
133.20'
S 53° 57' 60" E
88.80'
S 32° 44' 52" W
4.31'
PRES. &
PROP. R.O.W.
S 41° 03' 57" W
6.63'
S 53° 57' 60" E
64.30'
S 67° 56' 12" W
214.31'
SR 71/US 441
S 53° 41' 05" E
100.00'
S 36° 18' 55" W
15.00'
S 53° 41' 05" E
100.00'
S 53° 41' 05" E
120.00'
S 53° 41' 05" E
146.20'
PRES. &
PROP. R.O.W.

MATCH LINE STA. 208+50 SEE SHT. NO. 8A

PROP. CONST. ESMT.
N 55° 06' 22" W
232.86'
CP 78-071-12
CONT.
210+96.82
47.45'
S 54° 57' 24" E
232.41'
213+29.19
43.24'
R=20.00'
L=18.39'
213+28.21
60.96'
S 64° 39' 54" W
N 71° 26' 19" E
214+38.02
54.85'
R=57.70'
L=54.93'
UNSPECIFIED
EASEMENT FOR GAS
POT 100+00.00
POT 92+75.00
213+91.08
79.20'
PROP. CONST. ESMT.
208+64.01
52.28'
PRES. &
PROP. R.O.W.
S 55° 05' 59" E
191.03'
213+02.15
108.81'
N 34° 25' 24" E
176.12'
S 70° 21' 28" W
136.31'
SR 35/US 411
N 71° 41' 55" E
203.87'

49
CALLOWAY-HUNT
REAL ESTATE

90

48
DAB LLC % WALGREENS

N 36° 51' 57" E
323.49'
211+01.92
223.50'
N 54° 52' 05" W
123.48'
212+25.38
221.45'
PRES. &
PROP. R.O.W.
S 68° 02' 29" W
193.36'
N 71° 41' 55" E
110.00'
POT 90+00.00
212+72.39
244.88'
S 37° 10' 14" W
145.93'

END PROJ. NO. HPP/NH-71(16)
STA. 210+55.00 (R.O.W.)

51
SEVIER CO BANK

S 51° 13' 55" W
221.30'
212+08.33
334.30'
208+99.59
375.04'
210+02.67
364.90'
210+99.15
369.40'
S 59° 32' 04" E
103.58'
N 51° 14' 56" W
96.58'
S 37° 38' 38" W
15.07'
S 54° 55' 14" E
40.01'
210+98.74
384.46'
211+23.04
385.50'
208+59.59
375.74'
S 51° 28' 47" E
24.32'

50
CALLOWAY-HUNT REAL ESTATE

N 28° 22' 05" W
300.21'
214+81.40
459.03'
N 32° 53' 05" W
67.20'
N 32° 53' 05" W
107.00'
S 76° 39' 55" W
137.70'
S 76° 39' 55" W
173.30'

N

R.O.W. PLANS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

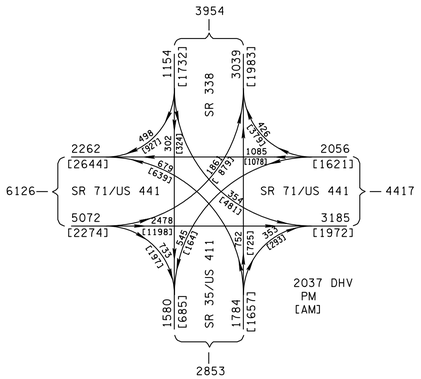
STA. 208+50 TO END

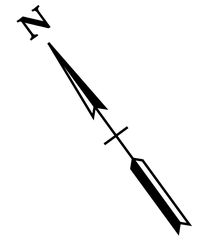
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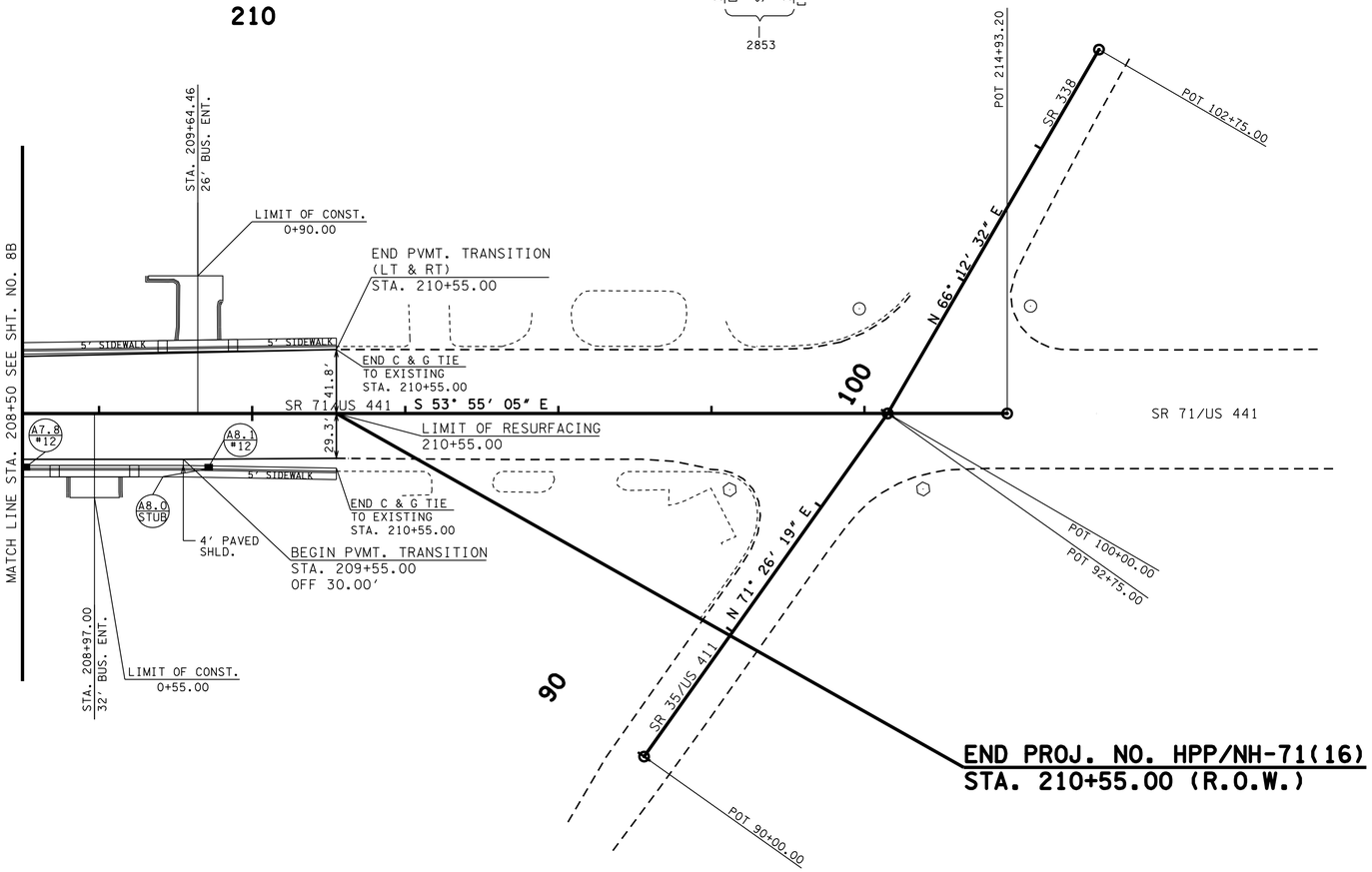
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	9B





210



R.O.W. PLANS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 208+50 TO END

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	9C

EXC.
EMB.

END PROJ. NO. HPP/NH-71(16)
STA. 210+55.00 (R.O.W.)

OH WIRE
STA. 209+23.51
LOW WIRE EL.1112.29'
TEMP. ____ DEG.
3 POWER
1 TELEPHONE
1 CABLE

VPI 210+00.00
EL. 1095.07

VPI 210+55.00
EL. 1097.07

CP 78-071-12
STA. 210+23.95
43.55' (RT)
N 567429.2857
E 2632666.1283
ELEV 1095.98
ALLUM. DISK

FINISHED GRADE

CB -
STA. 208+81.47
107.46' (RT)
TOP 1091.03
INVERT 1088.44

CB -
STA. 208+86.68
319.13' (RT)
TOP 1092.68
INVERT 1087.97

3.64%
4.34%

CB -
STA. 210+65.87
42.86' (LT)
TOP 1096.81
INVERT 1092.59

DI -
STA. 209+41.96
41.43' (RT)
TOP 1091.12
INVERT 1087.49

CB -
STA. 209+23.13
62.12' (RT)
TOP 1091.52
INVERT 1087.51

DI -
STA. 209+40.62
72.53' (LT)
TOP 1088.50
INVERT 1079.61

6" WATER LINE CROSSING
STA. 208+77.32
EL. 1085.07

DI -
STA. 211+71.30
232.16' (RT)
TOP 1100.30
INVERT 1095.97

DI -
STA. 211+71.30
232.16' (RT)
TOP 1100.30
INVERT 1096.74

EXISTING GROUND

CB -
STA. 211+49.37
43.05' (LT)
TOP 1099.63
INVERT 1095.76

FMS SA SEWER CROSSING
STA. 211+01.85
EL. 1095.56

24" STORM SEWER CROSSING
STA.209+41.32
EL. 1084.70
FLOWS LT.

DI -
STA. 211+93.28
265.40' (RT)
TOP 1098.35
INVERT 1094.56

OH WIRE
STA. 213+83.59
LOW WIRE EL.1128.30'
TEMP. ____ DEG.
4 POWER
1 TELEPHONE
1 CABLE

OH WIRE
STA. 213+49.71
LOW WIRE EL.1128.17'
TEMP. ____ DEG.
1 POWER

OH WIRE
STA. 214+67.93
LOW WIRE EL.1125.76'
TEMP. ____ DEG.
2 POWER

SR71 214+15.17 = SR35 92+75.00
ELEV 1104.95

SR71 214+15.17 = SR338 100+00.00
ELEV 1104.95

SE = MATCH EXIST. RT
SE = NC RT
SE = NC LT
SE = MATCH EXIST. LT

210+30.00 LT & RT
210+55.00 LT & RT

1140 1135 1130 1125 1120 1115 1110 1105 1100 1095 1090 1085 1080 1075 1070 1065 1060 1055 1050 1045

209+00 210+00 211+00 212+00 213+00 214+00

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R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.208+50 TO END
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	10

CHAPMAN VIEW DRIVE
STA. 162+99.97 (RT.)

CHAPMAN VIEW DRIVE 30+00.00 = SR71 162+99.97
ELEV. 1114.53
TIE TO SR 71/US 441 30+30.00 LT & RT
60' SE TRANS -5.75% TO -6.08% RT
60' SE TRANS 5.75% TO -1.50% LT
END WORK 30+90.00 LT & RT
OH WIRE
STA. 30+44.55
LOW WIRE EL. 1139.13'
TEMP. ---- DEG.
3 POWER
2 TELEPHONE
3 CABLE
1 GUY WIRE
VC = 50.00'
K = 13
V = 25 MPH
VPC 30+40.39
EL. 1113.80
VPI 30+65.00
EL. 1113.50
END WORK
VPT 30+90.00
EL. 1112.26
-1.22%
-4.94%
FINISHED GRADE
EXISTING GROUND
4" WATER LINE
4" GAS LINE
25' (UG)
SANITARY SEWER LINE
BEGIN WORK
VPI 30+00.00
EL. 1114.53
VPI 30+30.00
EL. 1113.93
STA 30+52.23
EXISTING 24" CMP
SKEW 89° 50' 59" RT
FLOWS RIGHT
INLET 1106.0290
OUTLET 1099.3440
EXC. (UNCL) COMMON 36 C.Y.
EMB. 12 C.Y.
SHR. = 5%

30+00 31+00 32+00

MACON LANE
STA. 151+28.64 (LT. & RT.)

EXC. (UNCL) COMMON 1906 C.Y. SHR. = 5%
EMB. 930 C.Y.

15' SE TRANS -2.52% TO NC RT
25' SE TRANS 0.21% TO 1.09% LT
25' SE TRANS 1.09% TO 0.30% LT
SE = 0.30% LT
50' SE TRANS 0.30% TO NC LT
SE = NC RT
SE = NC LT
68' SE TRANS NC TO 0.71% LT
11.62' SE TRANS NC TO -1.56% RT
SE = 0.71% LT
50' SE TRANS 1.73% TO 3.00% RT
7.93' SE TRANS -1.70% TO NC LT
125' SE TRANS 3.00% TO NC RT
SE = 2.00% LT
100' SE TRANS NC TO 2.00% LT
100' SE TRANS 2.00% TO NC LT
24' SE TRANS NC TO -1.06% RT
47' SE TRANS NC TO -0.13% LT

BEGIN WORK 11+00.00 LT & RT
11+15.00 RT
11+25.00 LT
11+50.00 LT
11+75.00 LT
12+25.00 LT
14+32.00 LT
15+00.00 LT
15+45.00 RT
15+56.62 RT
15+30.00 LT
16+42.07 LT
16+50.00 LT & RT
17+00.00 RT
17+14.00 LT
18+14.00 LT
18+25.00 RT
18+56.00 LT
19+56.00 LT
20+48.00 LT
20+71.00 RT
END WORK 20+95.00 LT & RT

BEGIN WORK
VPI 11+00.00
EL. 1066.04
-0.30%
0.30%
SAG 11+60.00
EL. 1065.90
CREST 12+72.58
EL. 1066.09
STA 15+48.17
EXISTING 18"PL
SKEW 41° 47' 28" RT
FLOWS LEFT
INLET 1062.2090
OUTLET 1060.1940
-0.32%
6" WATER LINE
4" GAS LINE
SAG 15+43.75
EL. 1064.74
-1.30%
0.30%
VPI 15+56.62
EL. 1064.77
MACON LANE 15+99.51 = SR71 151+28.64
ELEV. 1065.34
1.35%
-1.20%
-0.82%
VPI 16+80.00
EL. 1064.83
VPC 17+27.50
EL. 1062.31
VC = 145.00'
K = 37
V = 30 MPH
VC = 50.00'
K = 21
V = 30 MPH
FINISHED GRADE
VPT 18+72.50
EL. 1058.36
VPC 19+00.00
EL. 1058.14
VPI 19+25.00
EL. 1057.94
VPT 19+50.00
EL. 1057.16
-0.80%
-3.11%
END WORK
VPI 20+95.00
EL. 1052.56
18" RCP
6' W
FMS
EXISTING GROUND
4" WATER LINE
4" GAS LINE
SANITARY SEWER LINE
400 LF 8" (UG)
6" (UG)
VPC 11+35.00
EL. 1065.94
VPI 11+60.00
EL. 1065.86
VPT 11+85.00
EL. 1065.94
VPC 12+00.00
EL. 1065.98
VPI 12+75.00
EL. 1066.21
VPT 13+50.00
EL. 1065.97
VPC 14+25.00
EL. 1065.73
VPI 14+50.00
EL. 1065.65
VPT 14+75.00
EL. 1065.32
VPC 14+95.00
EL. 1065.06
VPI 15+25.00
EL. 1064.67
VPT 15+55.00
EL. 1064.76
VPI 15+99.51
EL. 1065.34
VPC 16+42.50
EL. 1064.83
VPT 17+17.50
EL. 1062.78
VPI 18+00.00
EL. 1058.94
VPI 20+75.00
EL. 1053.27
VC = 50.00'
K = 83
V = 30+ MPH
VC = 150.00'
K = 241
V = 30+ MPH
VC = 50.00'
K = 51
V = 30+ MPH
VC = 60.00'
K = 37
V = 30 MPH
VC = 75.00'
K = 19
V = 30 MPH

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00

1135 1130 1125 1120 1115 1110 1105 1100 1085 1080 1075 1070 1065 1060 1055 1050

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

SCALE: 1"= 50' HORIZ.
1"=10' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	11

VALERIE WAY
STA. 168+65.00 (LT.)

EXC. (UNCL) COMMON 110 C.Y.
EMB. 944 C.Y.
SHR. = 5%

188.78' SE TRANS
1.21% TO -6.07% RT

119.78' SE TRANS
-1.25% TO 6.07% LT

69' SE TRANS
2.93% TO -1.25% LT

VC = 140.00'
K = 17
V = 20 MPH

BEGIN WORK
40+30.00
LT & RT

40+99.00 LT

42+18.78
LT & RT
TIE TO SR 71/US 441

VALERIE WAY 42+48.78 =
SR71 168+65.00
ELEV. 1148.17

BEGIN WORK
VPI 40+30.00
EL. 1144.87

VPC 40+60.00
EL. 1144.20

SAG 41+00.18
EL. 1143.75

VPT 42+00.00
EL. 1146.53

VPI 42+18.78
EL. 1147.57

-2.24%
5.56%
2.00%
2%
2%

EXISTING GROUND
FINISHED GRADE
6" WATER LINE
4" GAS LINE

VPI 41+30.00
EL. 1142.64

SHADY LANE
STA. 171+75.00 (LT.)

EXC. (UNCL) COMMON 60 C.Y.
EMB. 438 C.Y.
SHR. = 5%

47' SE TRANS
-2.85% TO 0.00% RT

100.77' SE TRANS
0.00% TO -6.07% RT

110.77' SE TRANS
-0.70% TO 6.07% LT

BEGIN WORK
50+40.00
LT & RT

50+77.00 LT

50+87.00 RT

51+87.77
LT & RT
TIE TO
SR 71/US 441

OH WIRE
STA. 51+10.39
LOW WIRE EL.1184.78'
TEMP. ---- DEG.
2 TELEPHONE
1 CABLE
1 GUY WIRE

37' SE TRANS
1.53% TO -0.70% LT

FINISHED GRADE

VC = 80.00'
K = 10
V = 15 MPH

BEGIN WORK
VPC 50+40.00
EL. 1165.24

SAG 50+71.77
EL. 1164.76

VPT 51+20.00
EL. 1165.88

CREST 51+80.16
EL. 1167.63

VPI 51+87.77
EL. 1167.60

SHADY LANE 52+17.77 =
SR71 171+75.00
ELEV. 1166.97

4.66%
-0.50%
-2.10%
1.77%
-6.07%
2%
2%
2%

STA 51+27.57
EXISTING 15"CMP
SKEW 82° 37' 23" RT
FLOWS RIGHT
INLET 1161.0530
OUTLET 1159.0050

6" WATER LINE
4" GAS LINE
SANITARY SEWER LINE

VPI 50+80.00
EL. 1164.02

EXISTING GROUND

VPC 51+35.00
EL. 1166.58

VPI 51+60.00
EL. 1167.74

VPT 51+85.00
EL. 1167.62

VC = 50.00'
K = 9
V = 20 MPH

40+00 41+00 42+00 43+00 50+00 51+00 52+00 53+00

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R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

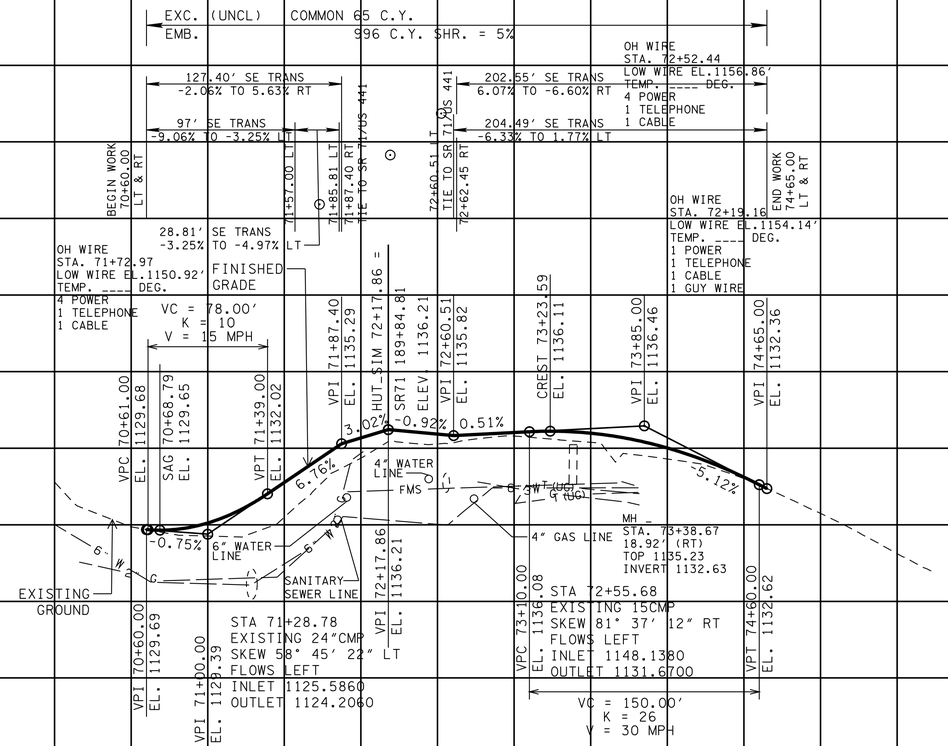
PROFILE OF SIDE ROADS AND STREETS

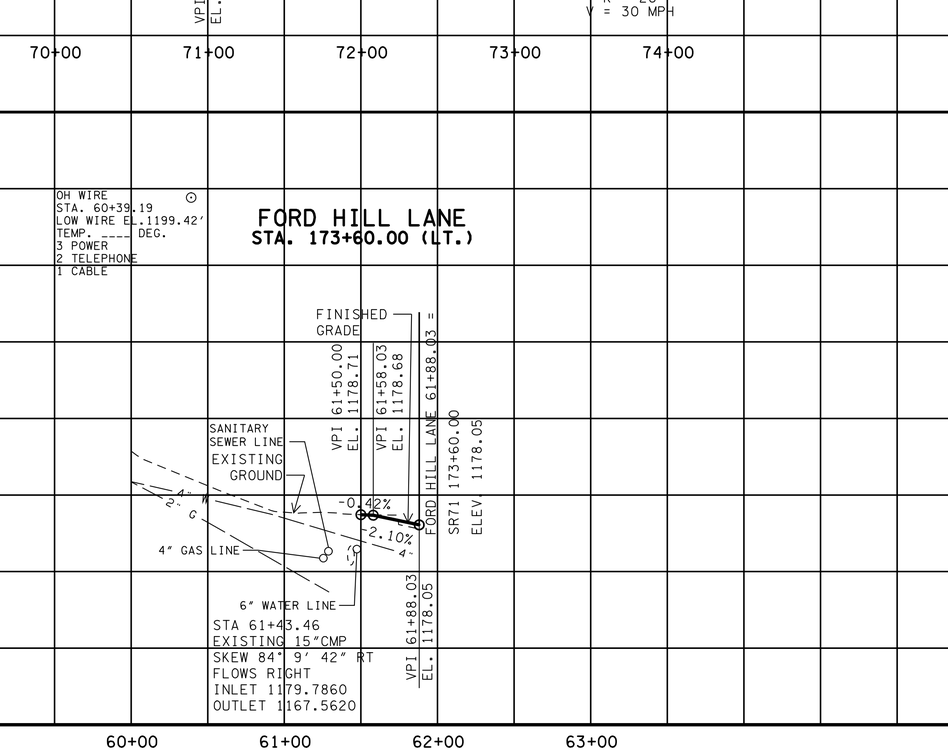
SCALE: 1"= 50' HORIZ.
1"=10' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	12

HUTCHESON ROAD/SIMMONS ROAD
STA. 189+84.81 (LT. & RT.)





R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

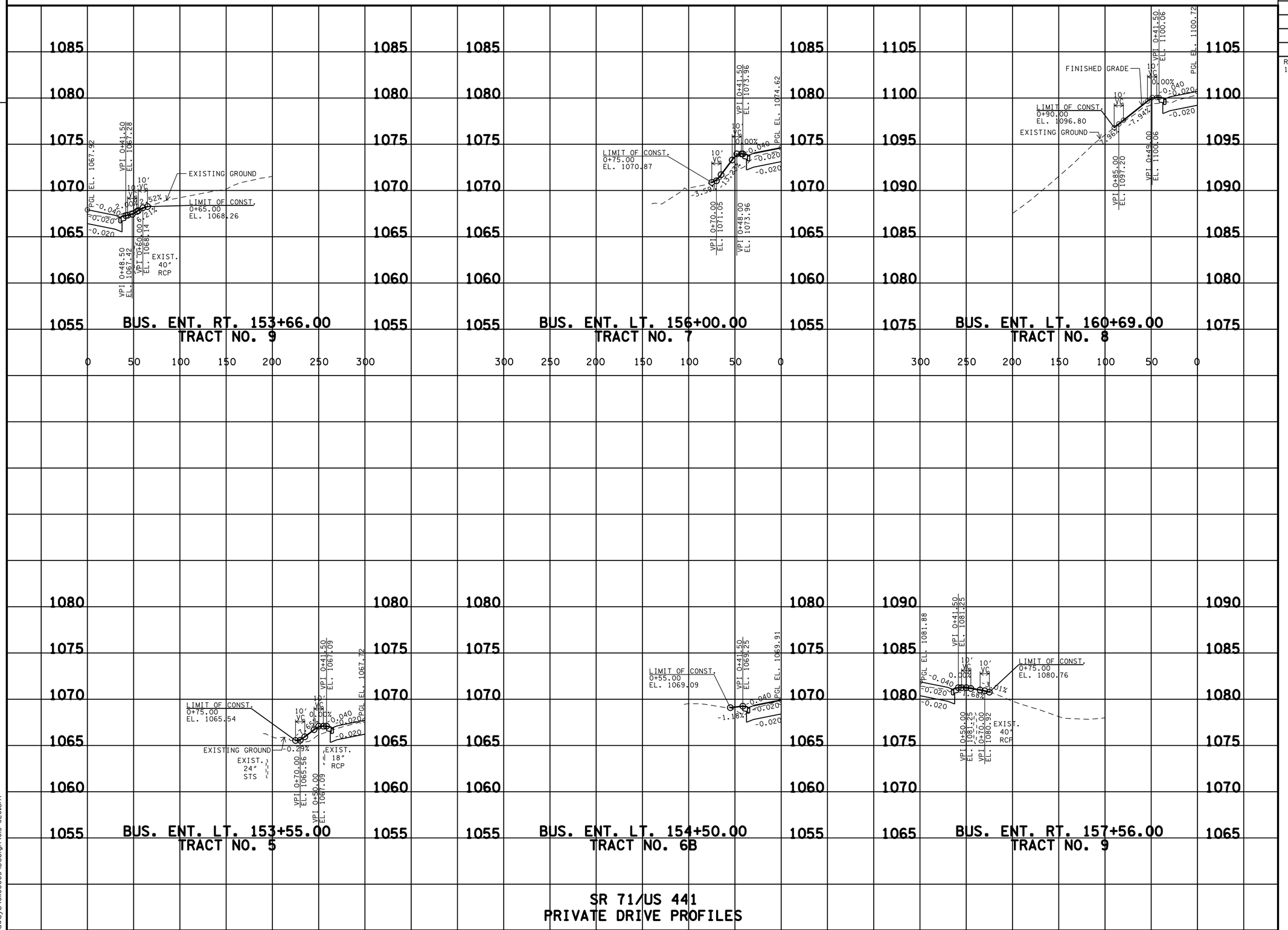
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1"=10' VERT.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	13

REV. 11/05/15 REMOVED DRIVEWAY AT STA. 156+67 AND ADDED DRIVEWAY AT 160+69.



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

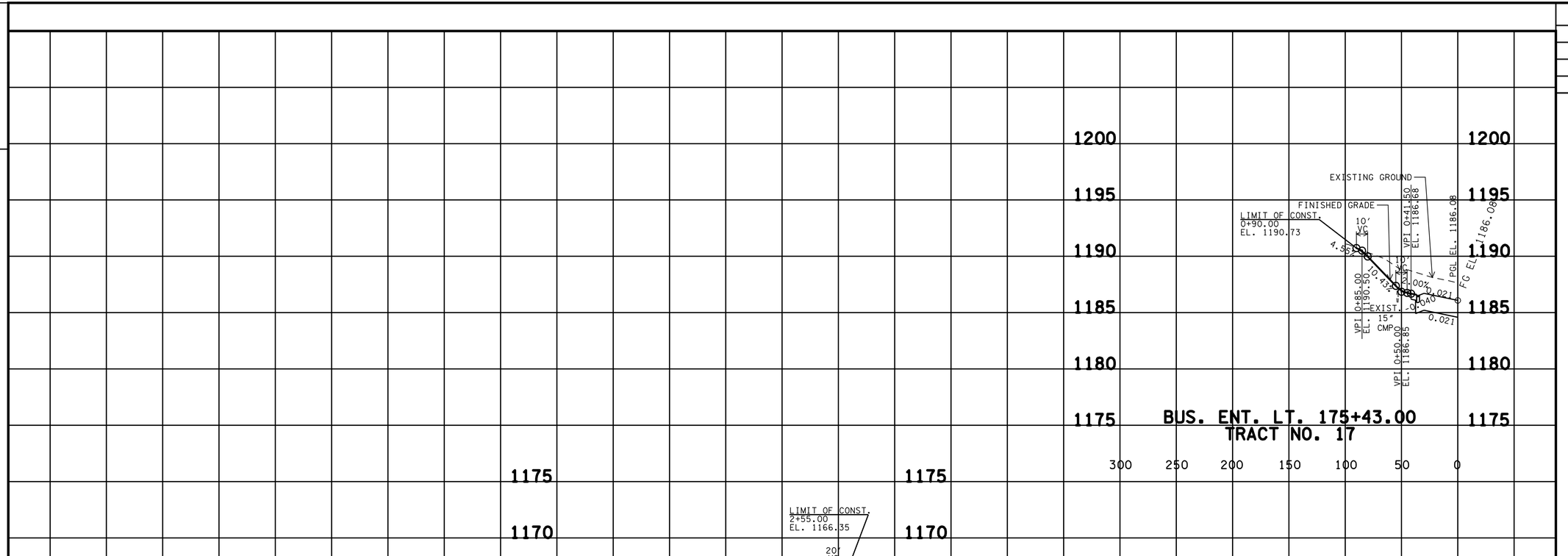
PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	14



BUS. ENT. LT. 164+20.00
TRACT NO. 13

PVT. DR. RT. 167+23.00
TRACT NO. 12

PVT. DR. RT. 171+75.00
TRACT NO. 12

SR 71/US 441
PRIVATE DRIVE PROFILES

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

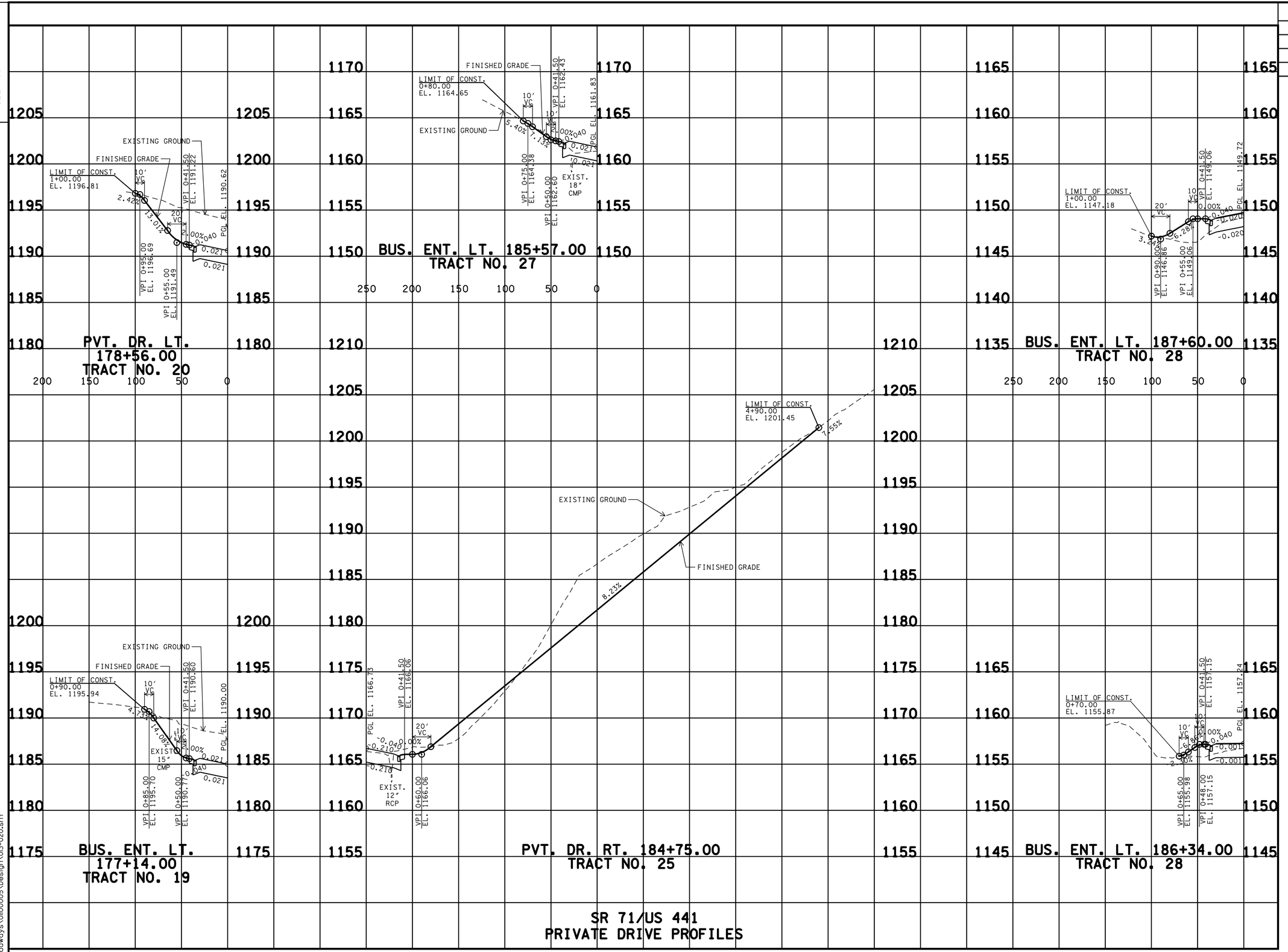
PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	15



R.O.W. PLANS

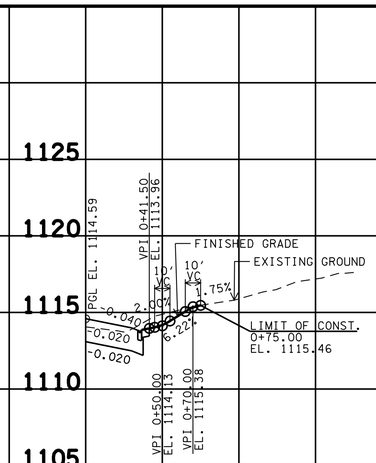
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

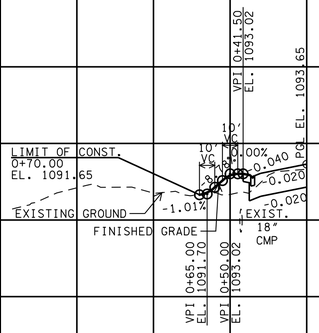
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1"=5' VERT.

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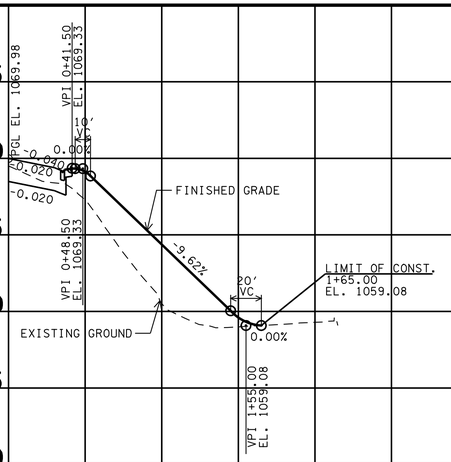
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.



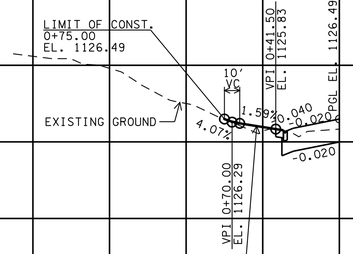
BUS. ENT. RT. 193+41.00
TRACT NO. 32



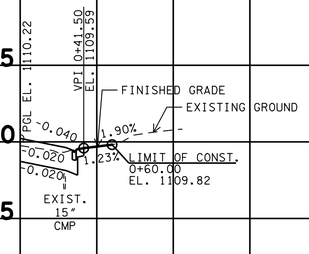
PVT. DR. LT. 196+86.00
TRACT NO. 39



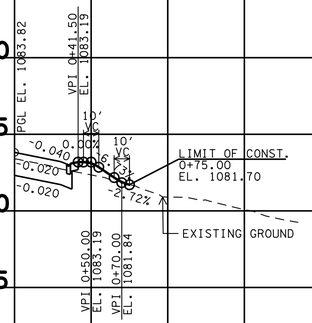
BUS. ENT. RT. 200+98.00
TRACT NO. 37B



BUS. ENT. LT. 191+45.00
TRACT NO. 30



BUS. ENT. RT. 194+13.00
TRACT NO. 32



BUS. ENT. RT. 198+48.00
TRACT NO. 35

SR 71/US 441
PRIVATE DRIVE PROFILES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	16

REV. 11/05/15 REVISED DRIVEWAY AT STA. 200+98.

REV. 06/13/16 REMOVED DRIVEWAY AT STA. 191+56 & ADDED DRIVEWAY AT STA. 191+45.

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

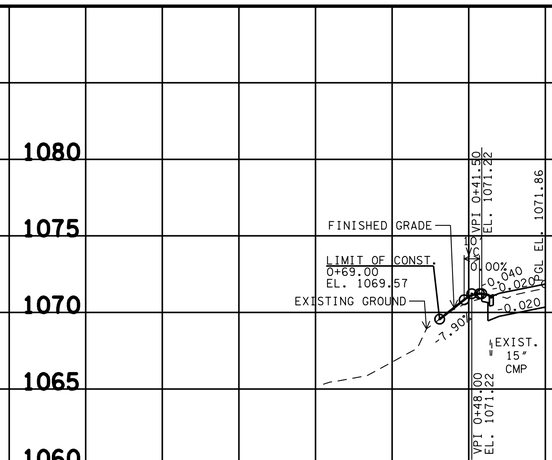
PROFILE OF PRIVATE DRIVES

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

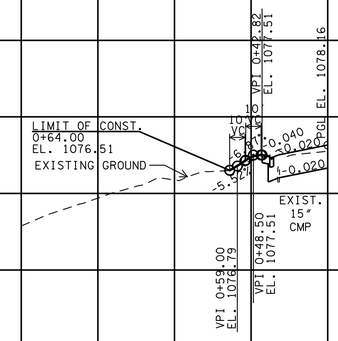
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

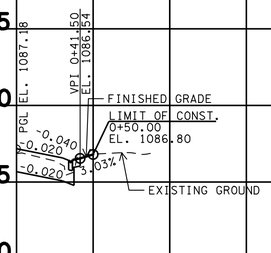
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	17



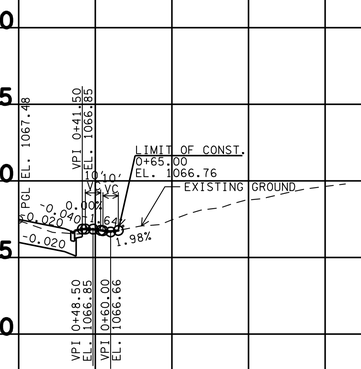
BUS. ENT. LT. 204+69.00
TRACT NO. 40



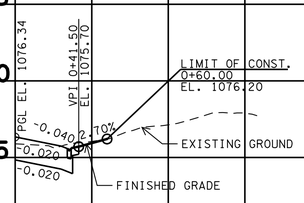
BUS. ENT. LT. 206+10.00
TRACT NO. 40



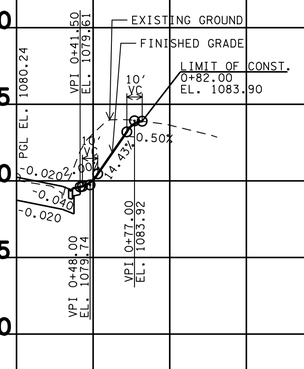
BUS. ENT. RT. 208+18.00
TRACT NO. 47



BUS. ENT. RT. 203+46.00
TRACT NO. 41



PVT. DR. RT. 205+68.00
TRACT NO. 42



PVT. DR. RT. 206+58.00
TRACT NO. 43

SR 71/US 441
PRIVATE DRIVE PROFILES

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R.O.W.
PLANS

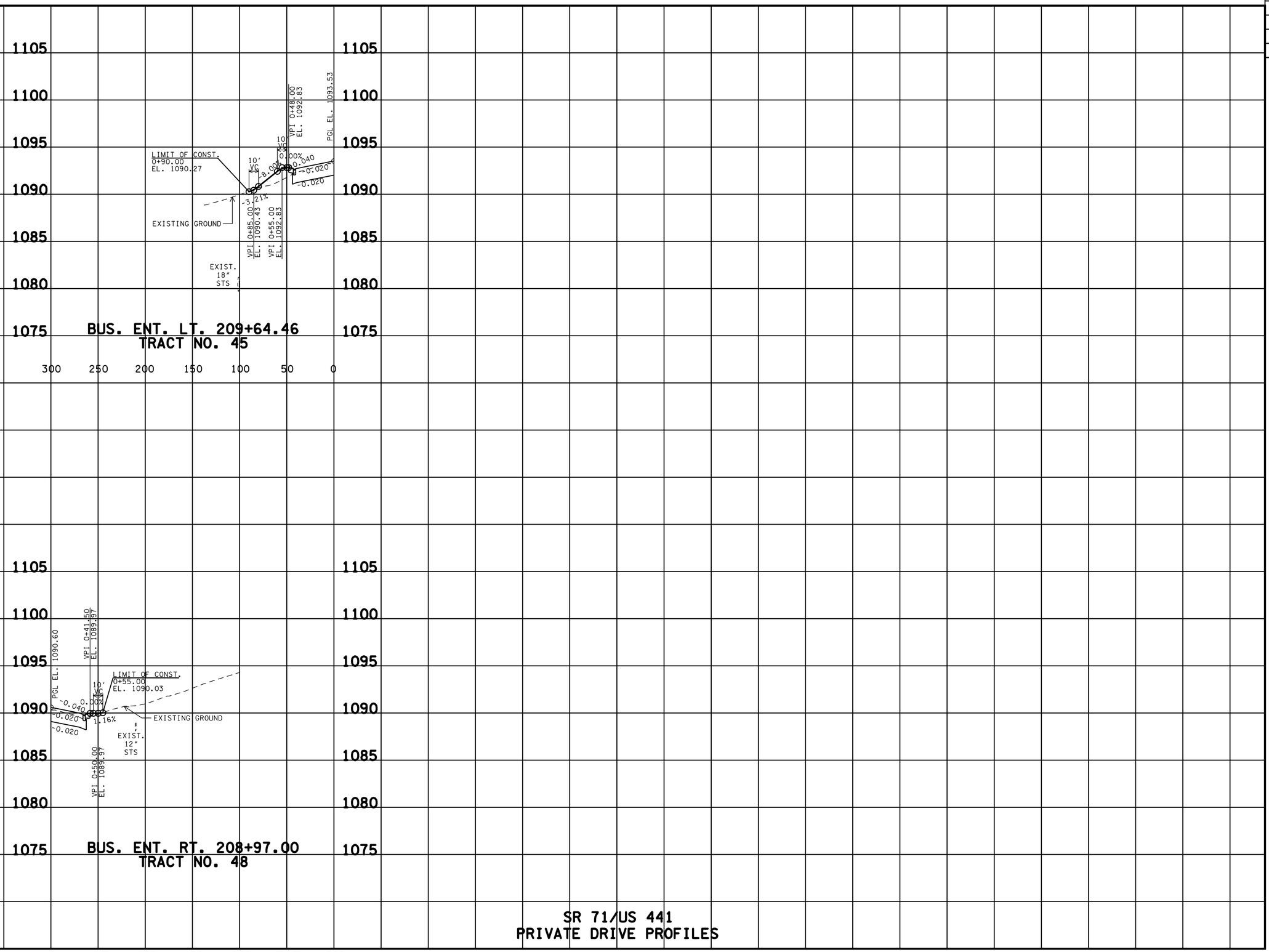
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	18



SR 71/US 441
PRIVATE DRIVE PROFILES

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

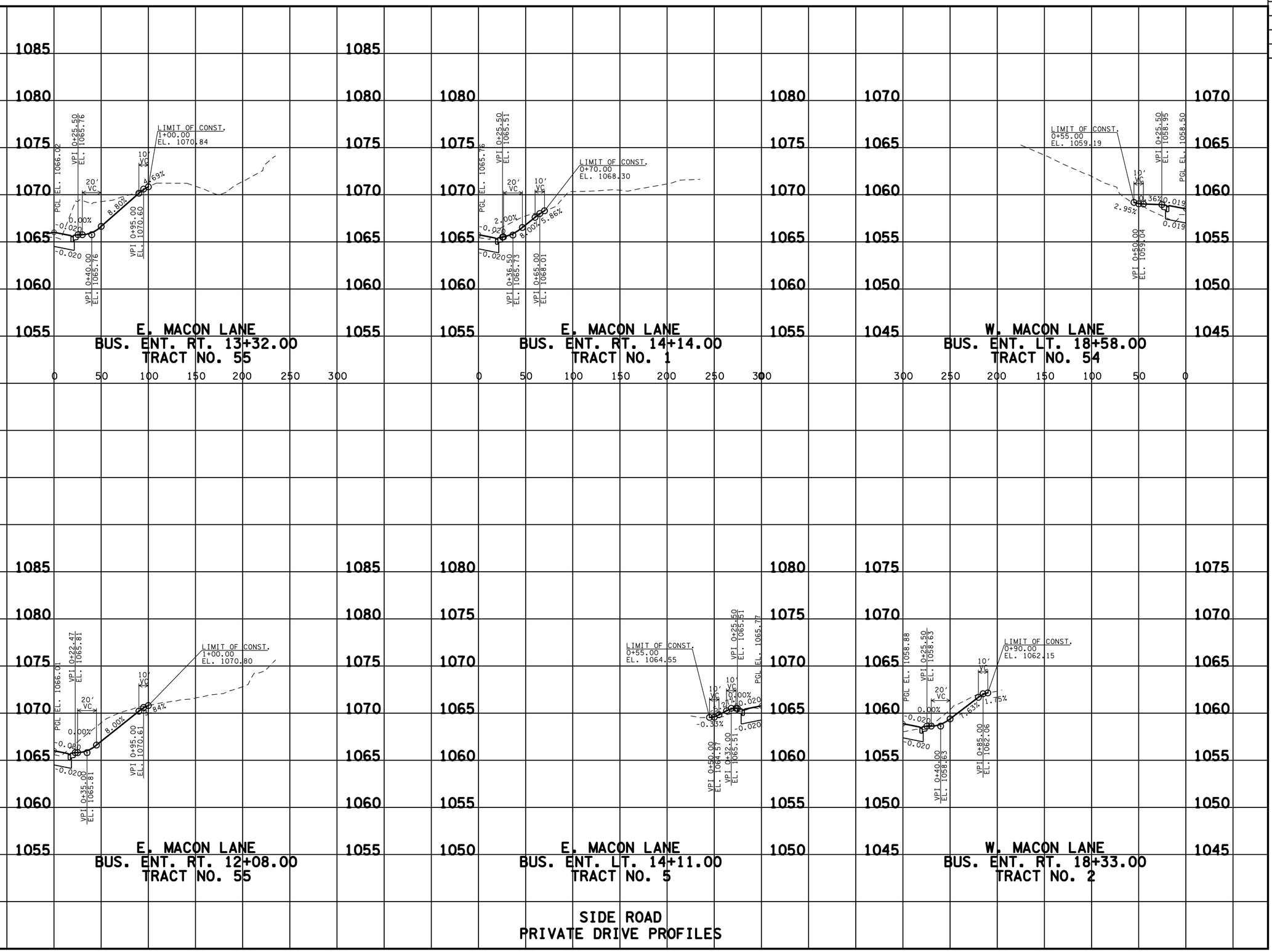
PROFILE OF PRIVATE DRIVES

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	19



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

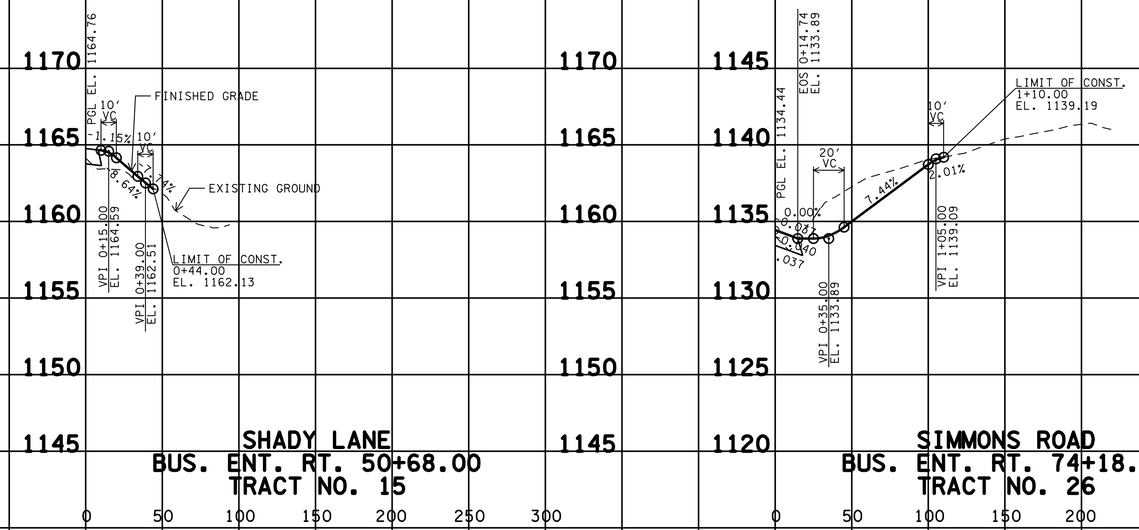
PROFILE OF PRIVATE DRIVES

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

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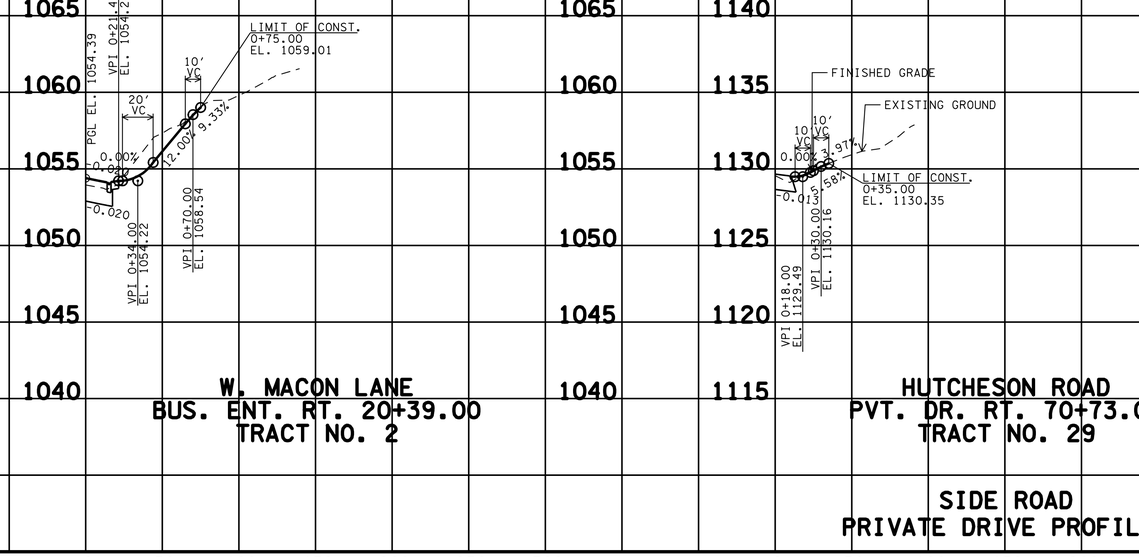
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	20



SHADY LANE
BUS. ENT. RT. 50+68.00
TRACT NO. 15

SIMMONS ROAD
BUS. ENT. RT. 74+18.00
TRACT NO. 26



W. MACON LANE
BUS. ENT. RT. 20+39.00
TRACT NO. 2

HUTCHESON ROAD
PVT. DR. RT. 70+73.00
TRACT NO. 29

SIDE ROAD
PRIVATE DRIVE PROFILES

R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF PRIVATE DRIVES

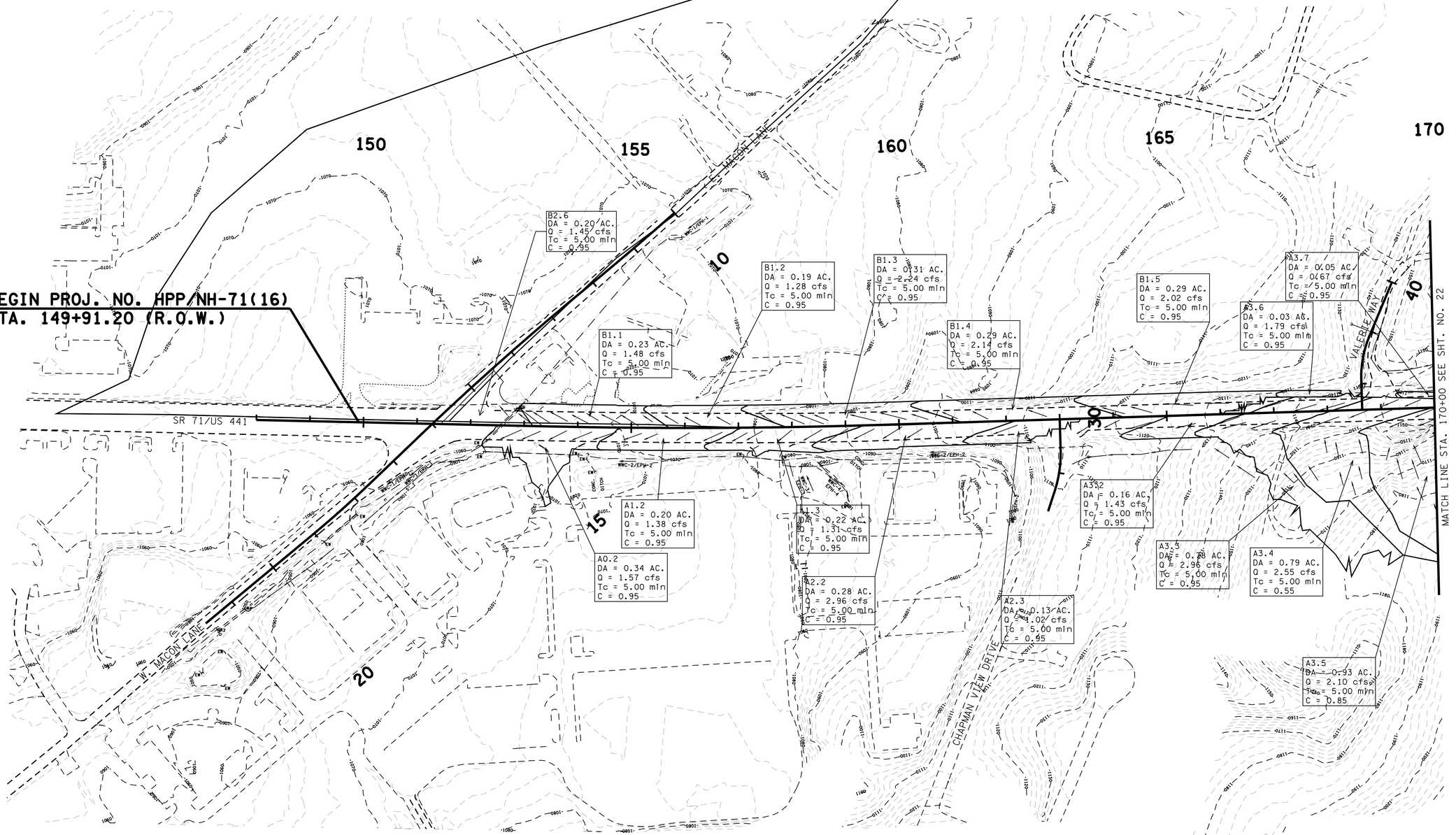
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	21

REV. 11/05/15 REVISED EXISTING CONTOURS.



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

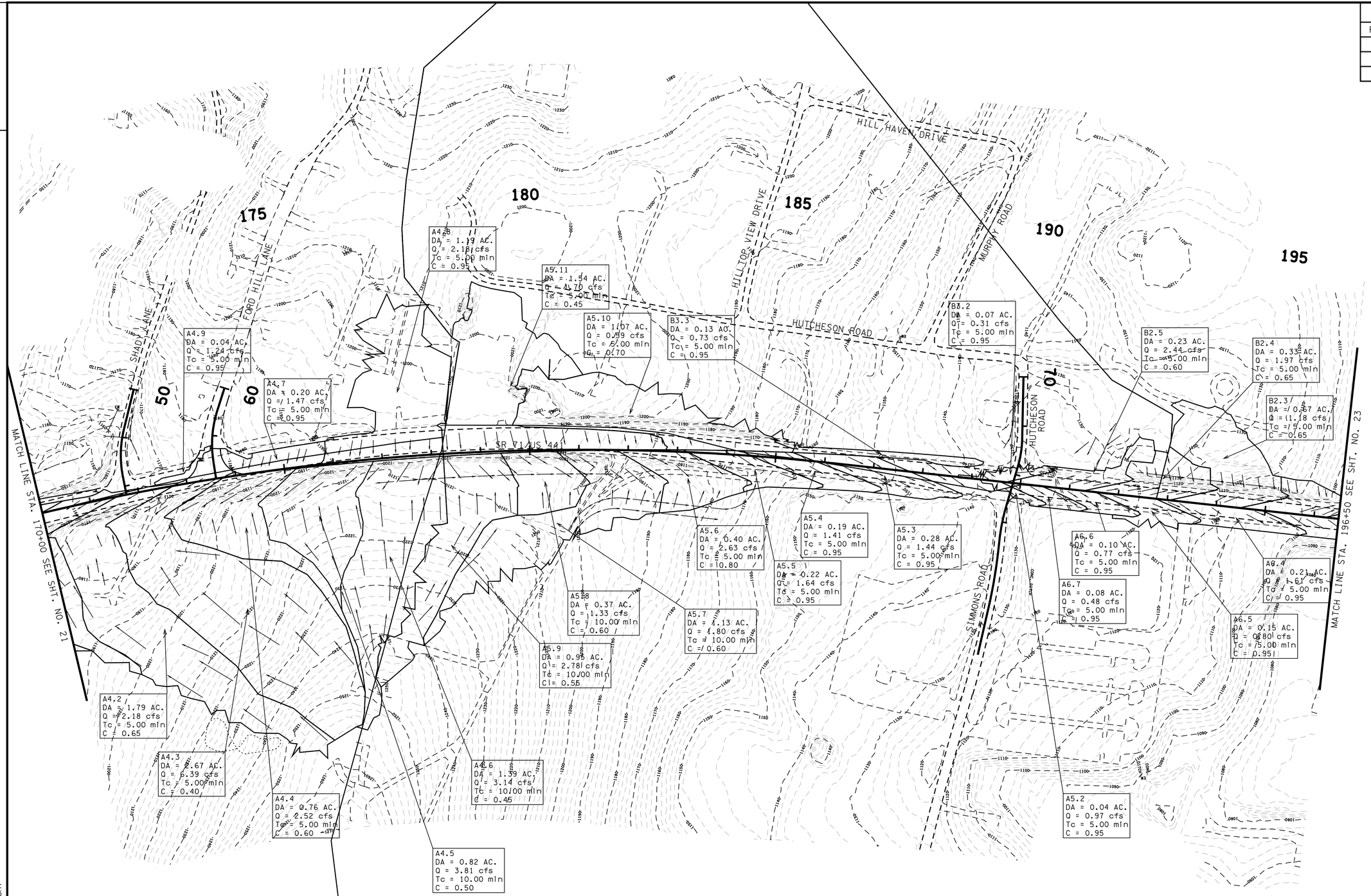
BEGIN TO STA.170+00

SCALE: 1"=100'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	22



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 170+00 TO STA. 196+50

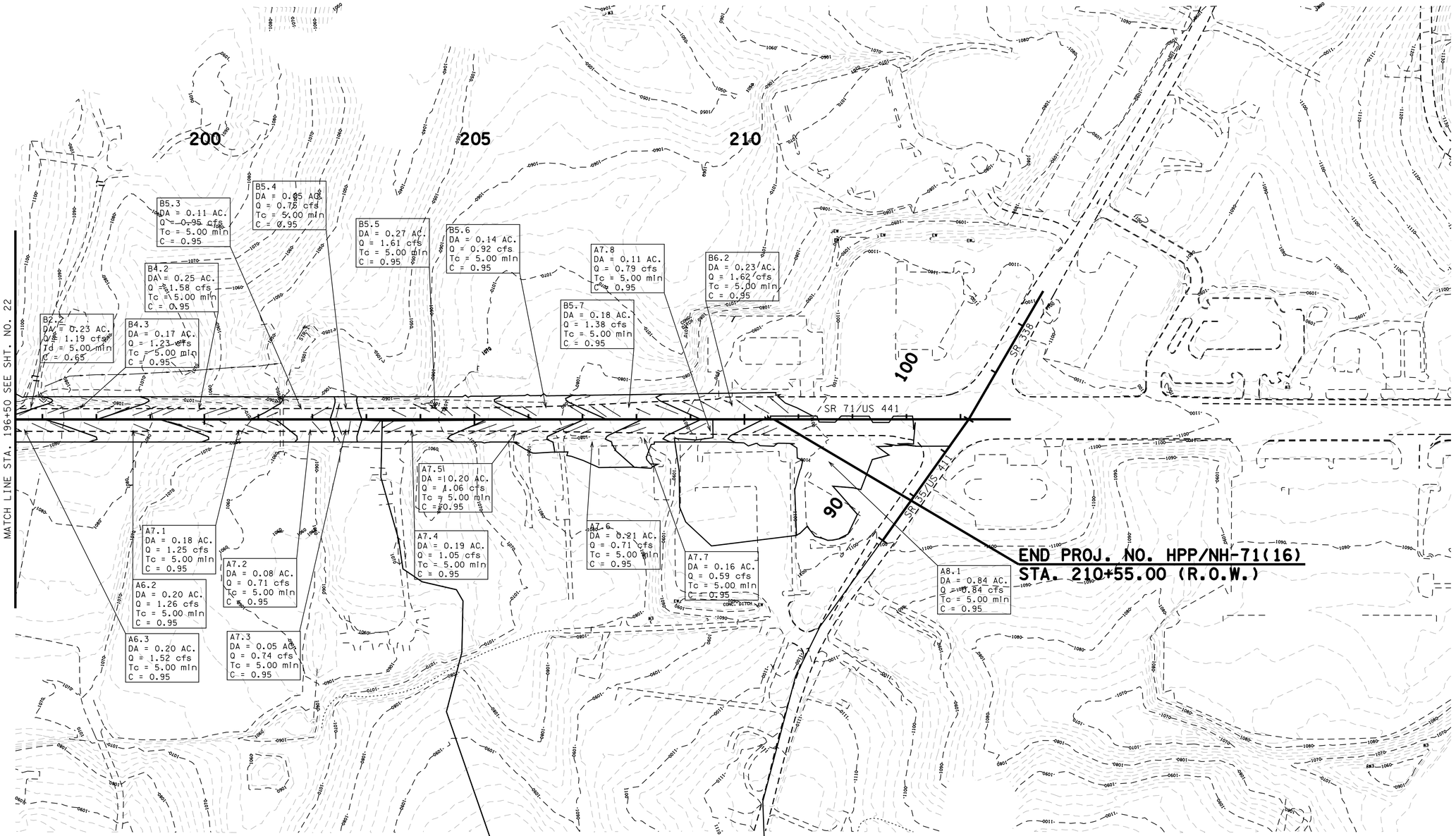
SCALE: 1"=100'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	23

REV. 11/05/15 REVISED EXISTING CONTOURS.



R.O.W. PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 196+50 TO END

SCALE: 1"=100'

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TENNESSEE D.O.T. DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	24

REV. 11/05/15 REVISED EXISTING GROUND STA.201+43.17.

REV. 02/11/16 ADDED ADDITIONAL LABELS TO CULVERT CROSS-SECTIONS.

REV. 04/28/16 LABELED RIP RAP DIMENSIONS.

STA. 201+43.17

STATION	201+43.17
STRUCTURE	EXIST. 100.45' OF 6'x5' BOX CULV. PROP. 50' OF 6'x5' BOX CULV.
SKEW	89°53'18"
DRAINAGE AREA	108.17 AC.
DESIGN DISCHARGE (Q50)	232.23 CFS
DESIGN DISCHARGE (Q100)	282.40 CFS
OVERTOPPING ELEV.	1068.05
ALLOWABLE HEADWATER ELEV.	1061.43
Q50 HEADWATER ELEV.	1056.67
Q100 HEADWATER ELEV.	1057.86
VELOCITY (Q50)	15.37 FT/S
VELOCITY (Q100)	16.08 FT/S
INLET ELEVATION	1050.43
OUTLET ELEVATION	1047.81
STANDARD DRAWING NUMBERS	STD-15-25
CLASS "A" CONCRETE	C.Y.
STEEL BAR REINFORCING	LB.
FOUNDATION FILL MATERIAL	C.Y.

OFFSET -52.86 PRES. R.O.W.
OFFSET -89.53 EL. 1047.81
3:1
FG EL. 1068.39
-0.040 -0.020 -0.020 -0.040 -0.040 -0.040
3:1
OFFSET 76.13 PRES. R.O.W.
EL. 1057.92 OFFSET 72.90
18" RCP
PROPOSED 50' - 6'x5' BOX CULVERT
EXISTING 6'x5' BOX CULVERT TO REMAIN
INV. 1049.14'
INV. 1050.43'
CLASS C RIP RAP L=65', W=31', D=2'

STA. 190+81.57

STATION	190+81.57
STRUCTURE	EXIST. 90.34' OF 3'x3' BOX CULV.
SKEW	59°49'44"
DRAINAGE AREA	24.9 AC.
DESIGN DISCHARGE (Q50)	41.22 CFS
DESIGN DISCHARGE (Q100)	50.89 CFS
OVERTOPPING ELEV.	1131.06
ALLOWABLE HEADWATER ELEV.	1114.89
Q50 HEADWATER ELEV.	1114.34
Q100 HEADWATER ELEV.	1114.87
VELOCITY (Q50)	8.35 FT/S
VELOCITY (Q100)	8.75 FT/S
INLET ELEVATION	1111.29
OUTLET ELEVATION	1110.54
STANDARD DRAWING NUMBERS	STD-15-25
CLASS "A" CONCRETE	C.Y.
STEEL BAR REINFORCING	LB.
FOUNDATION FILL MATERIAL	C.Y.

OFFSET -145.71 PRES. R.O.W.
OFFSET -74.70 PRES. R.O.W.
OFFSET -71.07 EL. 1125.40
3.9:1
FG EL. 1130.34
-0.035 0.013 -0.048 0.041
-0.035 -0.041
3.5:1
OFFSET 75.32 PRES. R.O.W.
EL. 1122.34 OFFSET 71.98
PROPOSED 27' - 3'x3' BOX CULVERT
EXISTING 3'x3' BOX CULVERT TO REMAIN
INV. 1111.29'
INV. 1111.10'
INV. 1110.54'
24" RCP

STA. 152+57.52

STATION	152+57.52
STRUCTURE	EXIST. 99.45' OF 5'x3' BOX CULV. PROP. 18' NORTH & 25' SOUTH OF 5'x3' BOX CULV.
SKEW	45°10'16"
DRAINAGE AREA	120.7 AC.
DESIGN DISCHARGE (Q50)	83.24 CFS
DESIGN DISCHARGE (Q100)	106.22 CFS
OVERTOPPING ELEV.	1066.32
ALLOWABLE HEADWATER ELEV.	1063.16
Q50 HEADWATER ELEV.	1063.08
Q100 HEADWATER ELEV.	1063.90
VELOCITY (Q50)	10.10 FT/S
VELOCITY (Q100)	10.80 FT/S
INLET ELEVATION	1059.56
OUTLET ELEVATION	1058.50
STANDARD DRAWING NUMBERS	STD-15-25
CLASS "A" CONCRETE	C.Y.
STEEL BAR REINFORCING	LB.
FOUNDATION FILL MATERIAL	C.Y.

PRES. R.O.W. OFFSET -79.04
OFFSET -69.84 EL. 1064.56
5.6:1
FG EL. 1066.21
-0.028 -0.004 -0.024 -0.022 -0.028
-0.028 -0.028
PRES. R.O.W. OFFSET 63.31
EL. 1063.03 OFFSET 115.33
2.8:1
EL. 1058.25
42" RCP
PROPOSED 15' - 5'x3' BOX CULVERT
18" RCP
EXISTING 5'x3' BOX CULVERT TO REMAIN
11' - 5'x3' BOX CULVERT PROPOSED
14' - 5'x3' BOX CULVERT PROPOSED
INV. 1059.46'
INV. 1059.43'
INV. 1059.56'
INV. 1058.72'
INV. 1058.63'
INV. 1058.50'
PROPOSED 2.85' OF 5'x3' BOX CULVERT @ 1.05%

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

STA. 152+57.52
TO
STA. 201+43.17

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	25

REV. 04/28/16 REMOVED NOTE.

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

STREAM/WETLAND

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

(2) A 30 FOOT NATURAL RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STREAM SHALL BE PRESERVED, TO THE MAXIMUM EXTENT PRACTICABLE, DURING CONSTRUCTION ACTIVITIES AT THE SITE. BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE RIPARIAN BUFFER ZONE SHALL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. THE 30 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. EVERY ATTEMPT SHALL BE MADE FOR CONSTRUCTION ACTIVITIES NOT TO TAKE PLACE WITHIN THE BUFFER ZONES. BEST MANAGEMENT PRACTICES (BMPS) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MAY BE USED. A JUSTIFICATION FOR USE AND DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE SWPPP. THE ENVIRONMENTAL AND DESIGN DIVISIONS SHALL REVIEW AND APPROVE THIS REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE SITE PROCEEDS, UNLESS PREVIOUSLY EXEMPT IN THE NPDES CONSTRUCTION GENERAL PERMIT. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

NPDES

(3) NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE BASIC EPSC DEVICES ON THE EPSC PLAN CONTAINED IN THE APPROVED SWPPP.

(4) THE EPSC MEASURES AND/OR PLAN SHALL BE MODIFIED AS NECESSARY SO THAT THEY ARE EFFECTIVE AT ALL TIMES THROUGHOUT THE COURSE OF THE PROJECT.

(5) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES, INCLUDING WITHOUT LIMITATION AS FOLLOWS:

A. INITIAL CLEARING AND GRUBBING SHALL BE LIMITED TO THAT NECESSARY FOR THE INSTALLATION OF APPLICABLE EPSC MEASURES IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

B. NO OTHER CLEARING AND GRUBBING OPERATIONS SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

C. NO CULVERT OR BRIDGE CONSTRUCTION SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

D. NO GRADING, EXCAVATION, CUTTING, FILLING, OR OTHER EARTHWORK SHALL BE STARTED BEFORE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

(6) PERMANENT EPSC MEASURES SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OF ANY SEQUENCE OR PHASE. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OR WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 14 CALENDAR DAYS. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE.

(7) STEEP SLOPES (A NATURAL OR CREATED SLOPE OF 35% GRADE (2.8H:1V) OR GREATER REGARDLESS OF HEIGHT) SHALL BE TEMPORARILY STABILIZED NO LATER THAN 7 CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED.

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

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

UTILITY RELOCATION

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

(11) SILT FENCE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY

(12) UTILITY CROSSINGS FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO UTILITIES IN THIS PROJECT IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC). THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS (SWPPP).

(13) IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM THEIR OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.

(14) FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN SEVEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOIL OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL SUCH TIME AS THE TRENCH IS BACKFILLED.

(15) IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS IN THIS PROJECT, THEREFORE, THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTIONS PREVENTION PLANS (SWPPP). THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT WORK.

(16) TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORM WATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.

(17) FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH FINAL VEGETATIVE COVER.

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

(19) THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES TO REPLACE IN-PLACE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT PROJECT ENGINEER BEFORE COMMENCING WORK.

R.O.W. PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	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
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
1	CURB INLET PROTECTION (TYPE 1)	EC-STR-39
3	CURB INLET PROTECTION (TYPE 3)	EC-STR-39A
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

NOTE:
TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	26

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES, EASEMENTS & SILT FENCE ON TRACT 8.

REV. 04/28/16 ADDED TYPE 1 INLET PROTECTION, NOTE FOR WWC-1 AND CHANGED PHASE TO STAGE IN ALL EPSC SHEETS.

SR 71/US 441 STA. 151+28.64 =
MACON LANE STA. 15+99.51
N 570136.4414
E 2627512.4675

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

S 70° 54' 30" E — SR 71/US 441 — SR 71/US 441

S 64° 37' 08" W

S 64° 04' 52" W

S 65° 08' 48" W

MACON LANE

E. MACON LANE

WWC-1/EPH-1

WWC-2

OUT - 1

OUT - 2

OUT - 3

LIMITS OF EROSION

150

155

20

15

10

MATCH LINE STA. 156+50 SEE SHT. NO. 27

ALL EPSC MEASURES USED IN WWC-1/EPH-1 DURING CONSTRUCTION SHALL BE REMOVED AS SOON AS THE WORK IS COMPLETED AND THE CHANNEL IS RELOCATED AND STABILIZED.

N

R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

BEGIN TO STA. 156+50

SCALE: 1"=50'

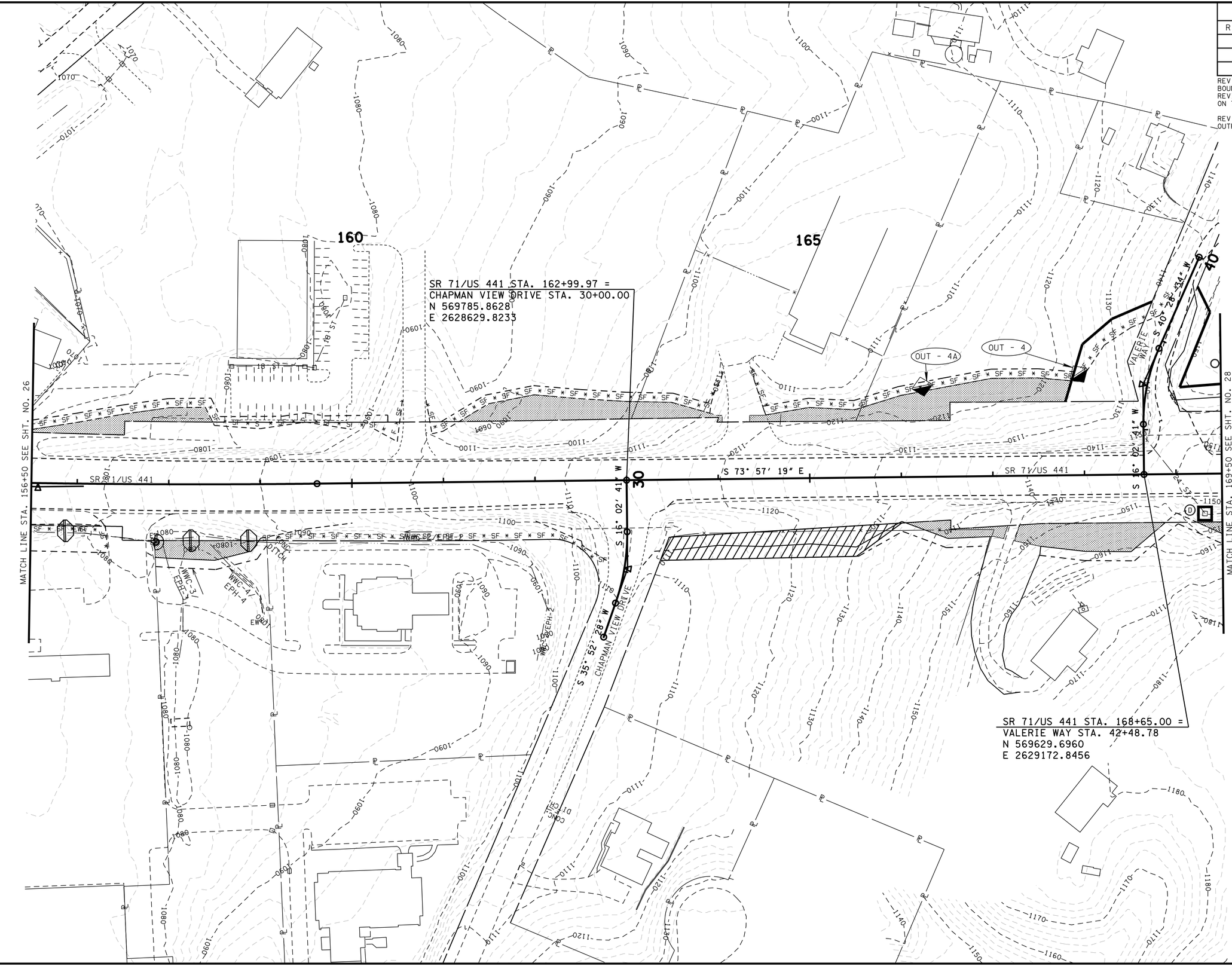
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	27

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. ADDED NEW DEVELOPMENT AND REVISED SLOPES, EASEMENTS, & SILT FENCE ON TRACT 8.

REV. 04/28/16 ADDED ERCD AND MOVED OUTFALL 4. ADDED OUTFALL 4A



N

R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.156+50 TO STA.169+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	28

REV. 04/28/16 ADDED CULVERT PROTECTION AT SHADY LANE AND SEDIMENT TUBES ALONG TOP OF SLOPE.

N

HUTCHESON ROAD

SHADY LANE

FORD HILL LANE

170 175 180 50 60

S 43° 32' 59" W

S 46° 53' 15" W

S 46° 53' 18" W

SR 71/US 441

MATCH LINE STA. 169+50 SEE SHT. NO. 27

MATCH LINE STA. 182+50 SEE SHT. NO. 29

TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE ** TUBE **

SR 71/US 441 STA. 173+60.00 =
FORD HILL LANE STA. 61+88.03
N 569477.4176
E 2629643.6502

SR 71/US 441 STA. 171+75.00 =
SHADY LANE STA. 52+17.77
N 569539.6717
E 2629469.4517

R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 169+50 TO STA. 182+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	29

REV. 04/28/16 ADDED SEDIMENT TUBES, TYPE I INLET PROTECTION AND OUTFALL 5A LABEL.

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

HILLTOP VIEW DRIVE
MURPHY ROAD
185
HUTCHESON ROAD
190
195
SR 71/US 441
S 30° 39' 25" W 140.01'
S 46° 04' 55" W 200.00'
S 53° 55' 05" E
S 36° 06' 04" W 200.00'
S 47° 36' 35" W 75.00'
SIMMONS ROAD
ROLLAND LANE
CONC. DITCH
48" ST
OUT - 5A
OUT - 5
TUBE
SF
MATCH LINE STA. 182+50 SEE SHT. NO. 28
MATCH LINE STA. 195+50 SEE SHT. NO. 30

R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 182+50 TO STA. 195+50

SCALE: 1"=50'

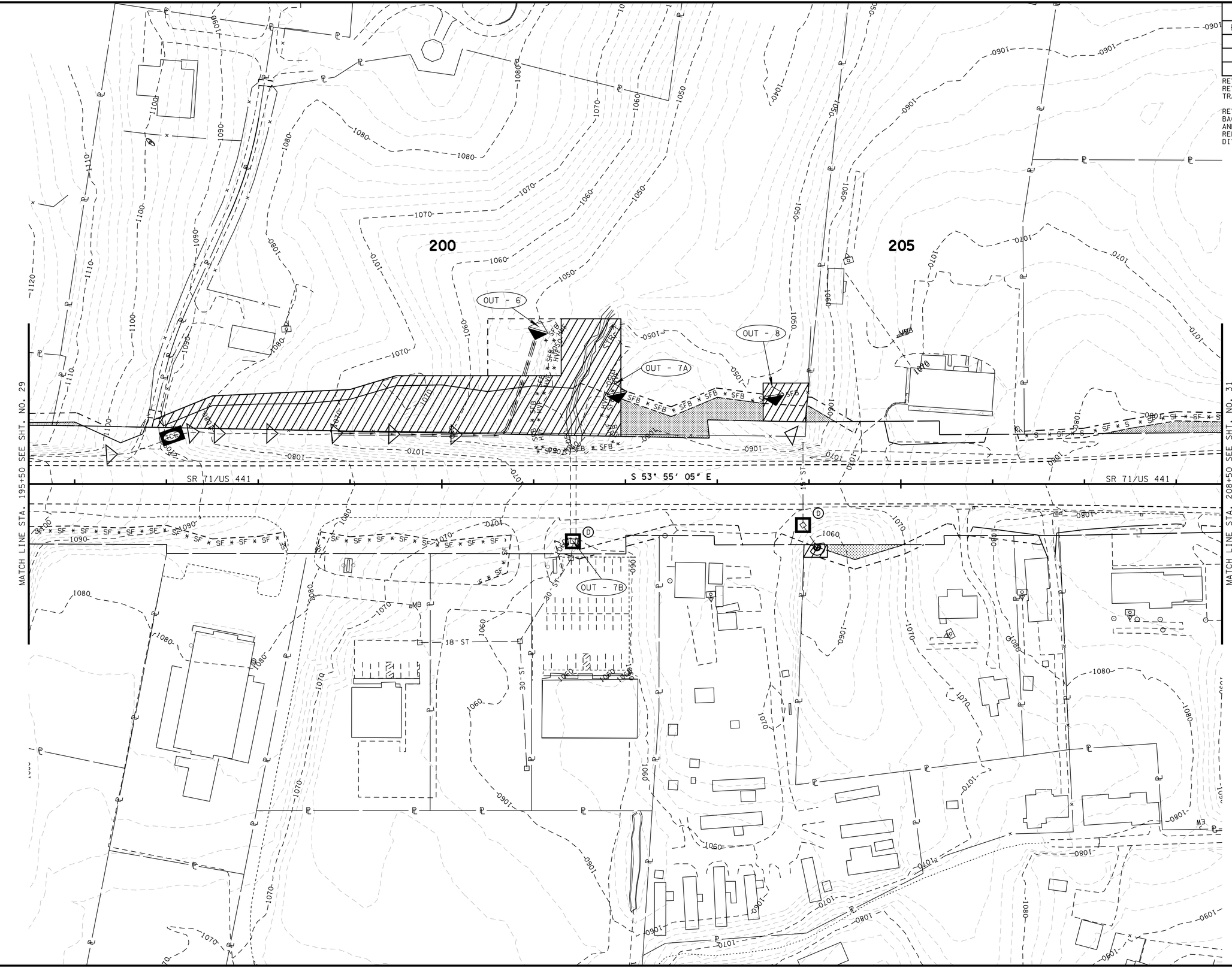
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	30

REV. 11/05/15 ADDED NEW DEVELOPMENT, REVISED SLOPES & EASEMENTS, & SUBDIVIDED TRACT 37.

REV. 04/28/16 ADDED SILT FENCE WITH BACKING, ERCD 7A, OUTFALL LABEL 7B, AND TEMPORARY CONSTRUCTION ENTRANCE. RELOCATED ERCD OUTFALL 8. HIGHLIGHTED DIVERSION DITCH.



R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 195+50 TO STA. 208+50

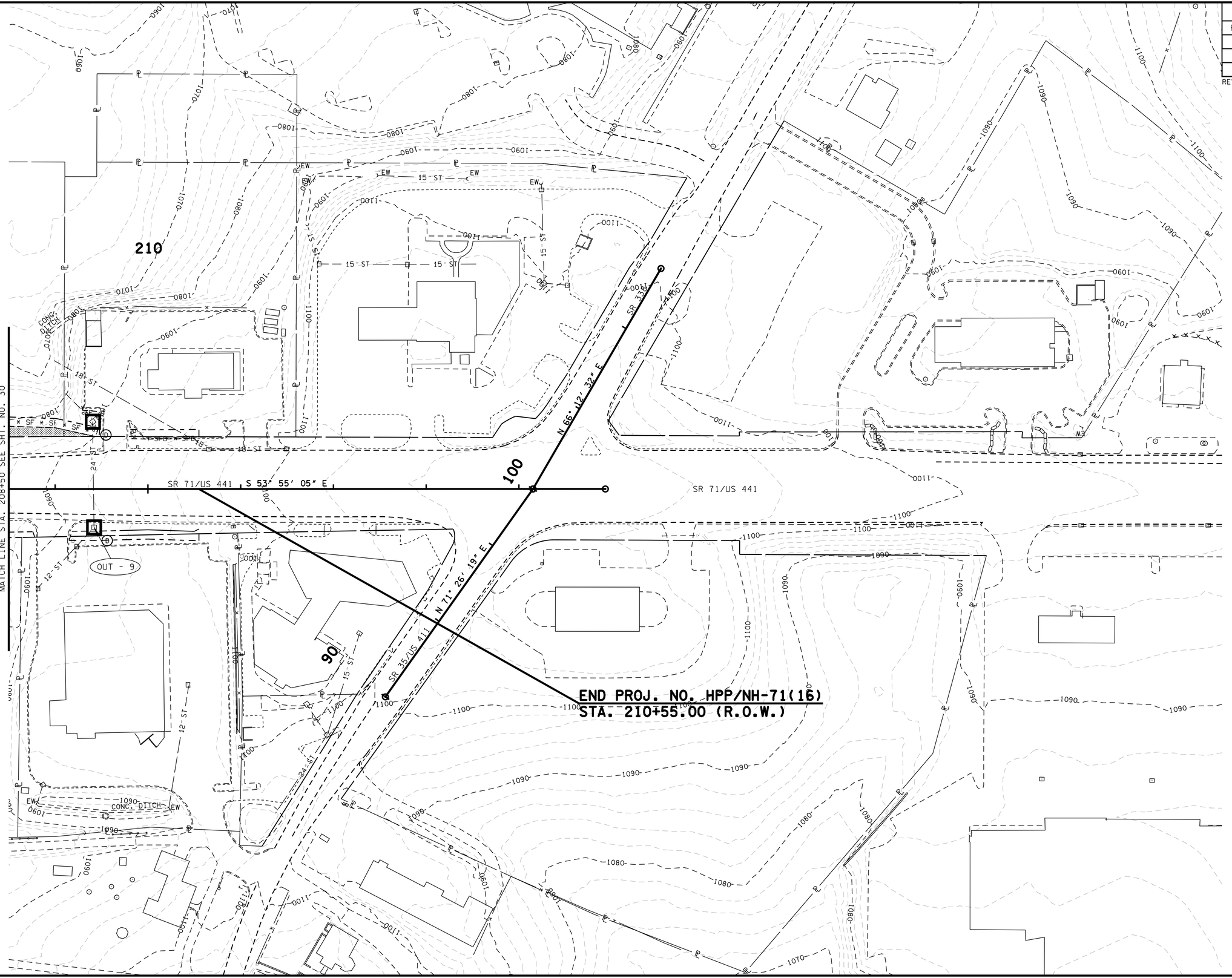
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	31

REV. 04/28/16 CHANGED PHASE TO STAGE.



R.O.W. PLANS

STAGE 1

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 208+50 TO END

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	32

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES, EASEMENTS & SILT FENCE ON TRACT 8.

REV. 04/28/16 MOVED WWC-1 LABEL TO NEW CHANNEL AND ADDED EPSC NOTE. ADDED SEDIMENT TUBE TO LEGEND.

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
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
SFB * SFB * SFB * SFB *	SEDIMENT FILTER BAG	EC-STR-2
1	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
2	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
4	CATCH BASIN FILTER ASSEMBLY (TYPE 4)	EC-STR-44
6	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37

NOTES:
TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.

ALL TEMPORARY EPSC MEASURES FROM PREVIOUS PHASES SHALL REMAIN IN PLACE UNTIL PERMANENT STABILIZATION IS ACHIEVED.

SR 71/US 441 STA. 151+28.64 =
MACON LANE STA. 15+99.51
N 570136.4414
E 2627512.4675

BEGIN PROJ. NO. HPP/NH-71(16)
STA. 149+91.20 (R.O.W.)

S 70° 54' 30" E

SR 71/US 441

SR 71/US 441

S 64° 08' 52" W

S 68° 08' 48" W

S 68° 37' 08" W

MATCH LINE STA. 156+50 SEE SHT. NO. 33

WWC-1/EPH-1

WWC-2/EPH-2

E. MACON LANE

W. MACON LANE

OUT - 1

OUT - 2

OUT - 3

150

155

20

15

10

CONC. DITCH

LIMITS OF EROSION

ALL EPSC MEASURES USED IN WWC-1/EPH-1 DURING CONSTRUCTION SHALL BE REMOVED AS SOON AS THE WORK IS COMPLETED AND THE CHANNEL IS RELOCATED AND STABILIZED.

R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

BEGIN TO STA. 156+50

SCALE: 1"=50'

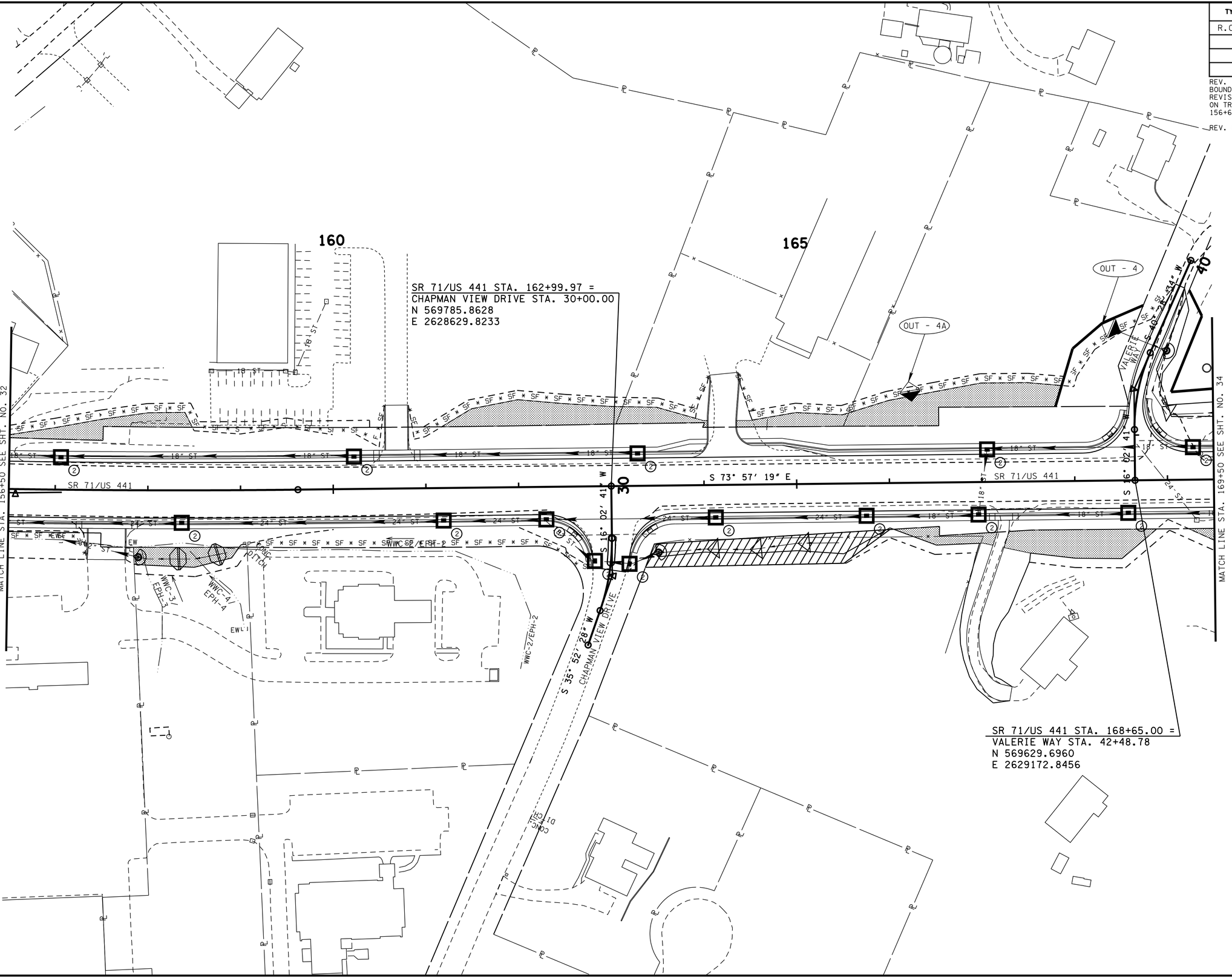
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	33

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. ADDED NEW DEVELOPMENT AND REVISED SLOPES, EASEMENTS, & SILT FENCE ON TRACT 8. REMOVED DRIVEWAY AT STA. 156+67 AND ADDED DRIVEWAY AT 160+69.

REV. 04/28/16 ADDED ERCD AND OUTFALL 4A.



N

R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 156+50 TO STA. 169+50

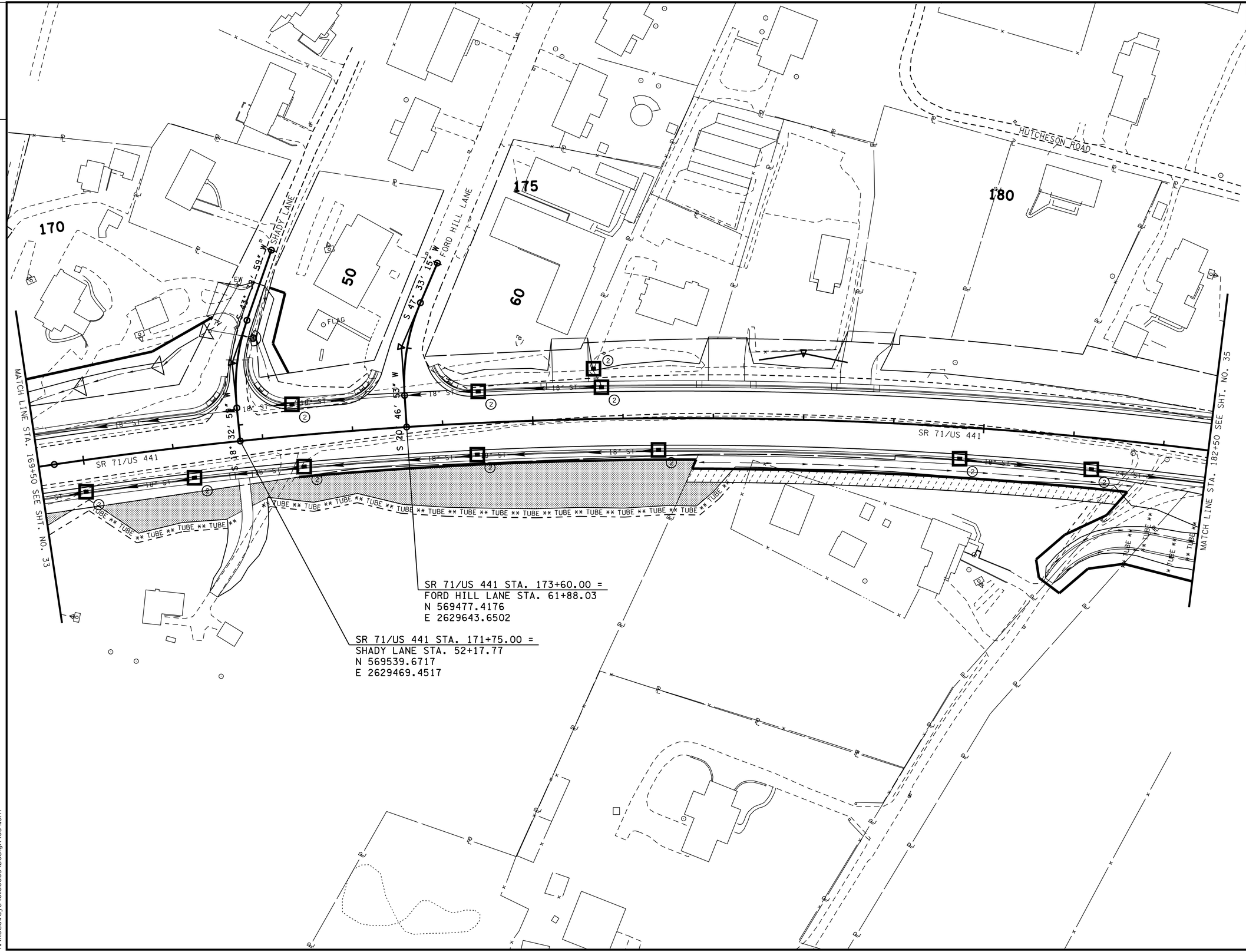
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	34

REV. 04/28/16 ADDED SEDIMENT TUBES ALONG DRIVEWAY DITCHES AND CHANGED ERCD TO REGULAR CHECK DAM AT SHADY LANE.



R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 169+50 TO STA. 182+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	35

REV. 04/28/16 ADDED LABELING FOR OUTFALLS 5A, 5B. ADDED ERCD AS OUTFALL 10. ADDED SEDIMENT TUBES IN DRIVEWAY DITCH LINES.

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

HILLTOP VIEW DRIVE
MURPHY ROAD
HUTCHESON ROAD
185
190
195
SR 71/US 441
MATCH LINE STA. 182+50 SEE SHT. NO. 34
MATCH LINE STA. 195+50 SEE SHT. NO. 36
S 53° 55′ 05″ E
S 46° 04′ 55″ W
S 30° 39′ 25″ W
S 47° 36′ 33″ W
S 45° 36′ 06″ W
SIMMONS ROAD
CONC. DITCH
OUT - 10
OUT - 5
OUT - 5A
OUT - 5B
TUBE
18" ST
24" ST
48" ST
SF
ST
75

R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 182+50 TO STA. 195+50

SCALE: 1"=50'

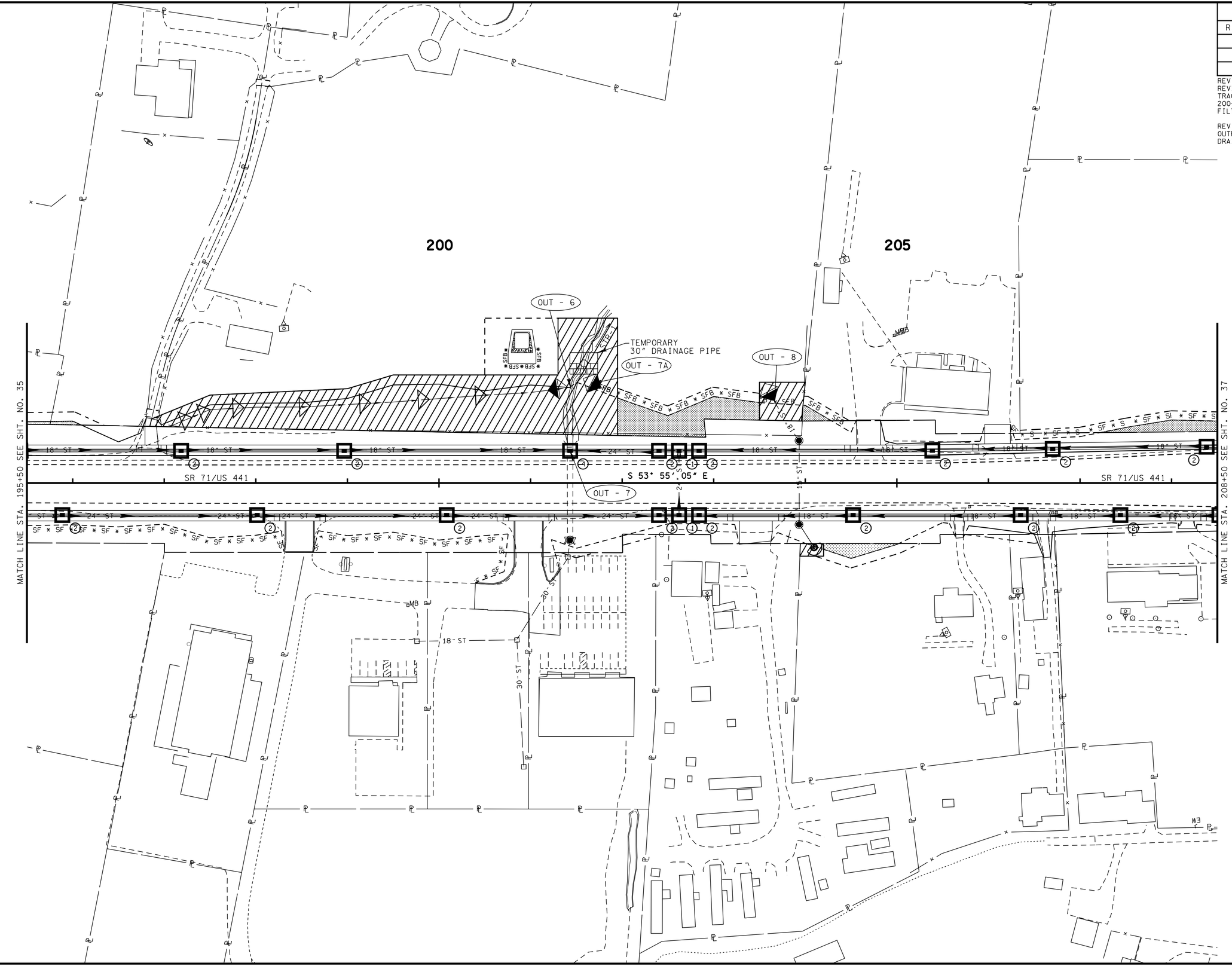
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	36

REV. 11/05/15 ADDED NEW DEVELOPMENT, REVISED SLOPES & EASEMENTS, & SUBDIVIDED TRACT 37. REVISED DRIVEWAY AT STA. 200+98. REMOVED STRUCTURE A7.10 AND FILTER ASSEMBLY.

REV. 04/28/16 ADDED ERCD 7A, REVISED OUTFALL NUMBERS, AND ADDED TEMPORARY DRAINAGE PIPE SIZE.



R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 195+50 TO STA. 208+50

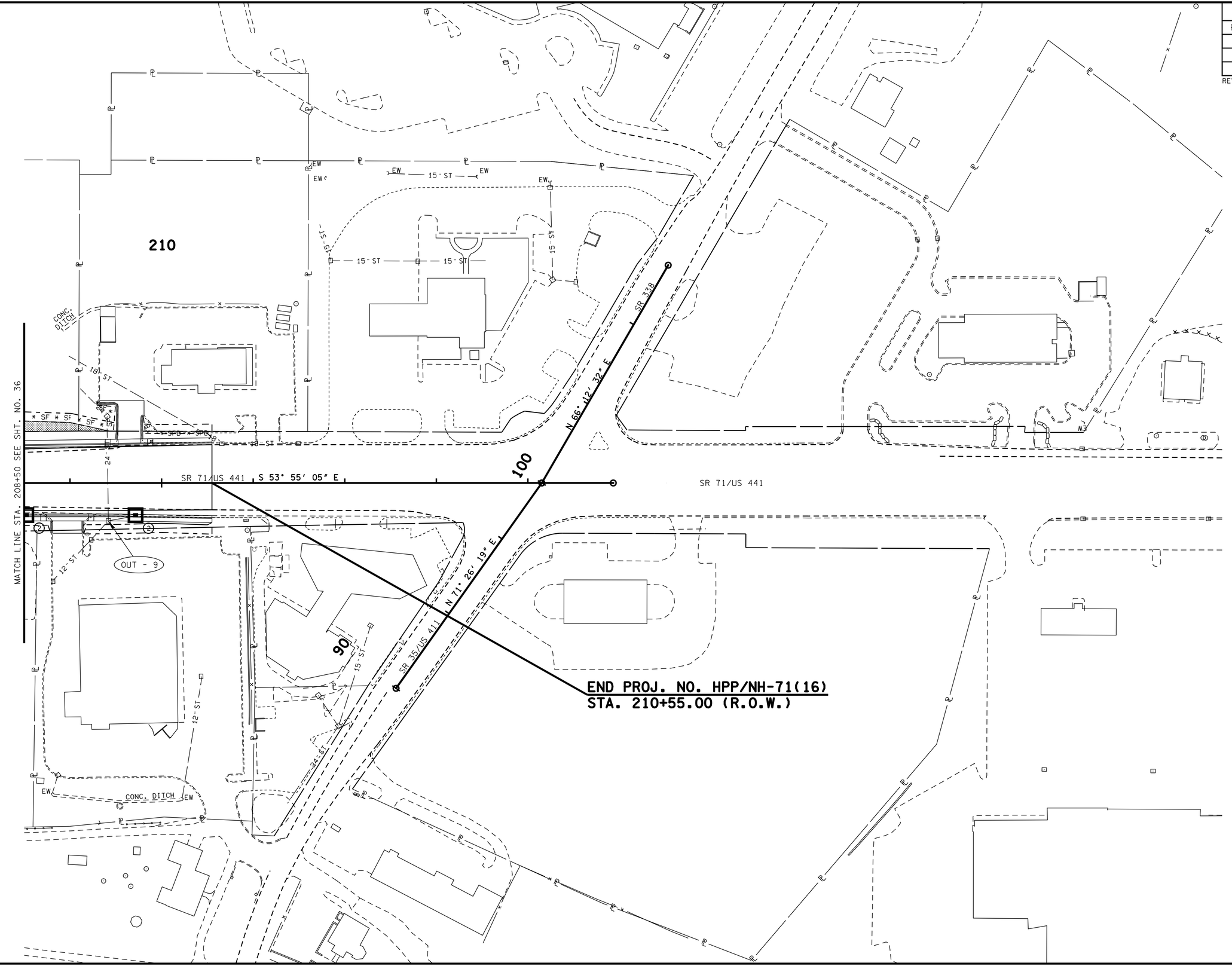
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	37

REV. 04/28/16 REVISED OUTFALL NUMBER



R.O.W. PLANS

STAGE 2

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 208+50 TO END

SCALE: 1"=50'

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

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	TURF REINFORCEMENT MAT	EC-STR-36
	RIPRAP	EC-STR-27
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
E	CATCH BASIN PROTECTION (TYPE E)	EC-STR-19
1	CURB INLET PROTECTION (TYPE 1)	EC-STR-39
2	CURB INLET PROTECTION (TYPE 2)	EC-STR-39
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

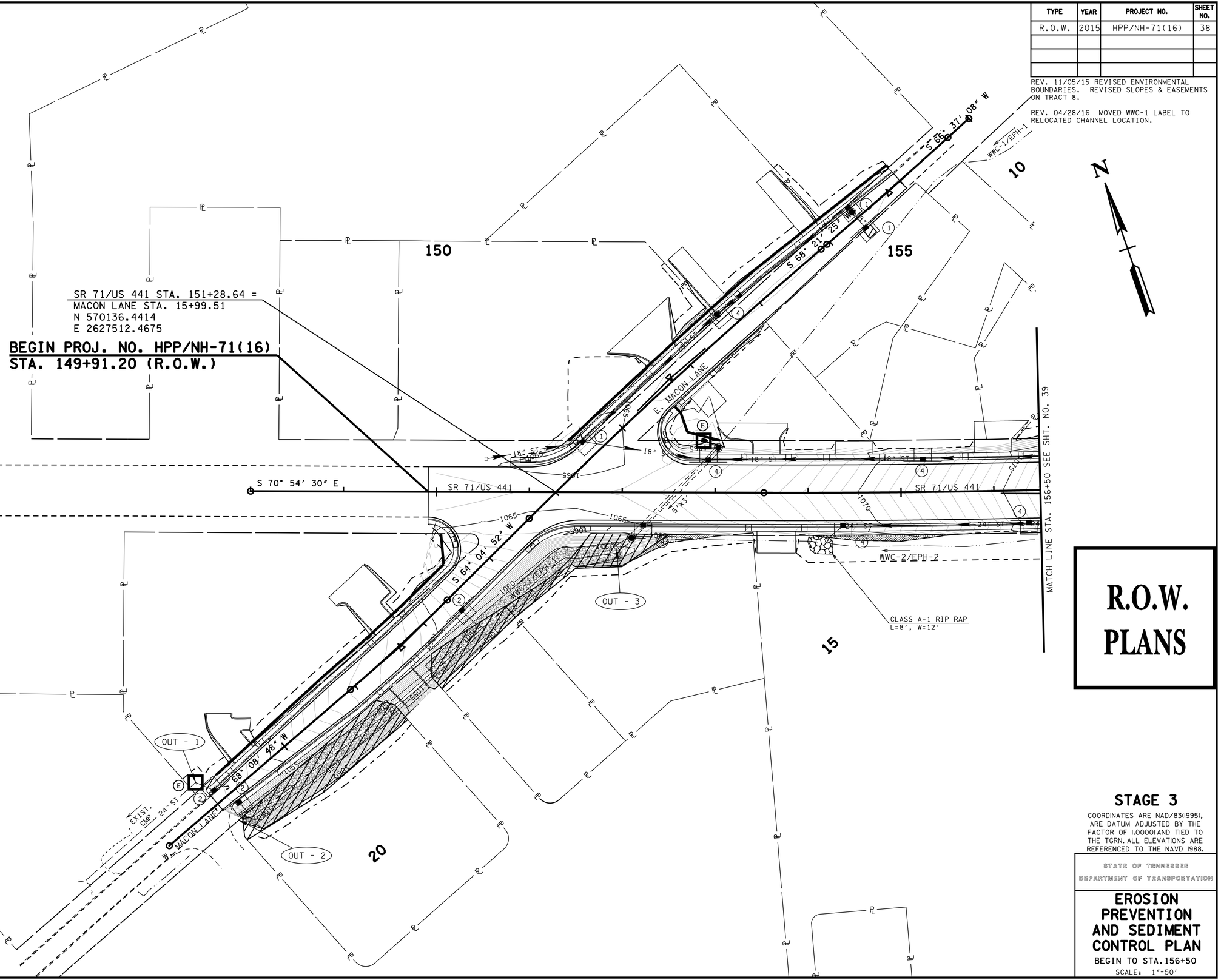
NOTES:
TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.

ALL TEMPORARY EPSC MEASURES FROM PREVIOUS PHASES SHALL REMAIN IN PLACE UNTIL PERMANENT STABILIZATION IS ACHIEVED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	38

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. REVISED SLOPES & EASEMENTS ON TRACT 8.

REV. 04/28/16 MOVED WWC-1 LABEL TO RELOCATED CHANNEL LOCATION.



R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

BEGIN TO STA. 156+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	39

REV. 11/05/15 REVISED ENVIRONMENTAL BOUNDARIES. ADDED RETAINING WALL AND REVISED SLOPES & EASEMENTS ON TRACT 8. REMOVED DRIVEWAY AT STA.156+67 AND ADDED DRIVEWAY AT 160+69.

REV. 04/28/16 CHANGED PHASE TO STAGE.

160

165

SR 71/US 441 STA. 162+99.97 =
CHAPMAN VIEW DRIVE STA. 30+00.00
N 569785.8628
E 2628629.8233

OUT - 4

CLASS A-1 RIP RAP APRON
L=8', W=12'

VALERIE WAY

S 40° 28' 34" W 40

S 16° 02' 41" W 30

S 73° 57' 19" E

SR 71/US 441

MATCH LINE STA. 156+50 SEE SHT. NO. 38

MATCH LINE STA. 169+50 SEE SHT. NO. 40

WWC-2/EPH-2

WWC-3/EPH-3

WWC-4/EPH-4

CLASS A1 RIP RAP
L=110'

S 35° 52' 28" W

CHAPMAN VIEW DRIVE

SR 71/US 441 STA. 168+65.00 =
VALERIE WAY STA. 42+48.78
N 569629.6960
E 2629172.8456

N

R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.156+50 TO STA.169+50

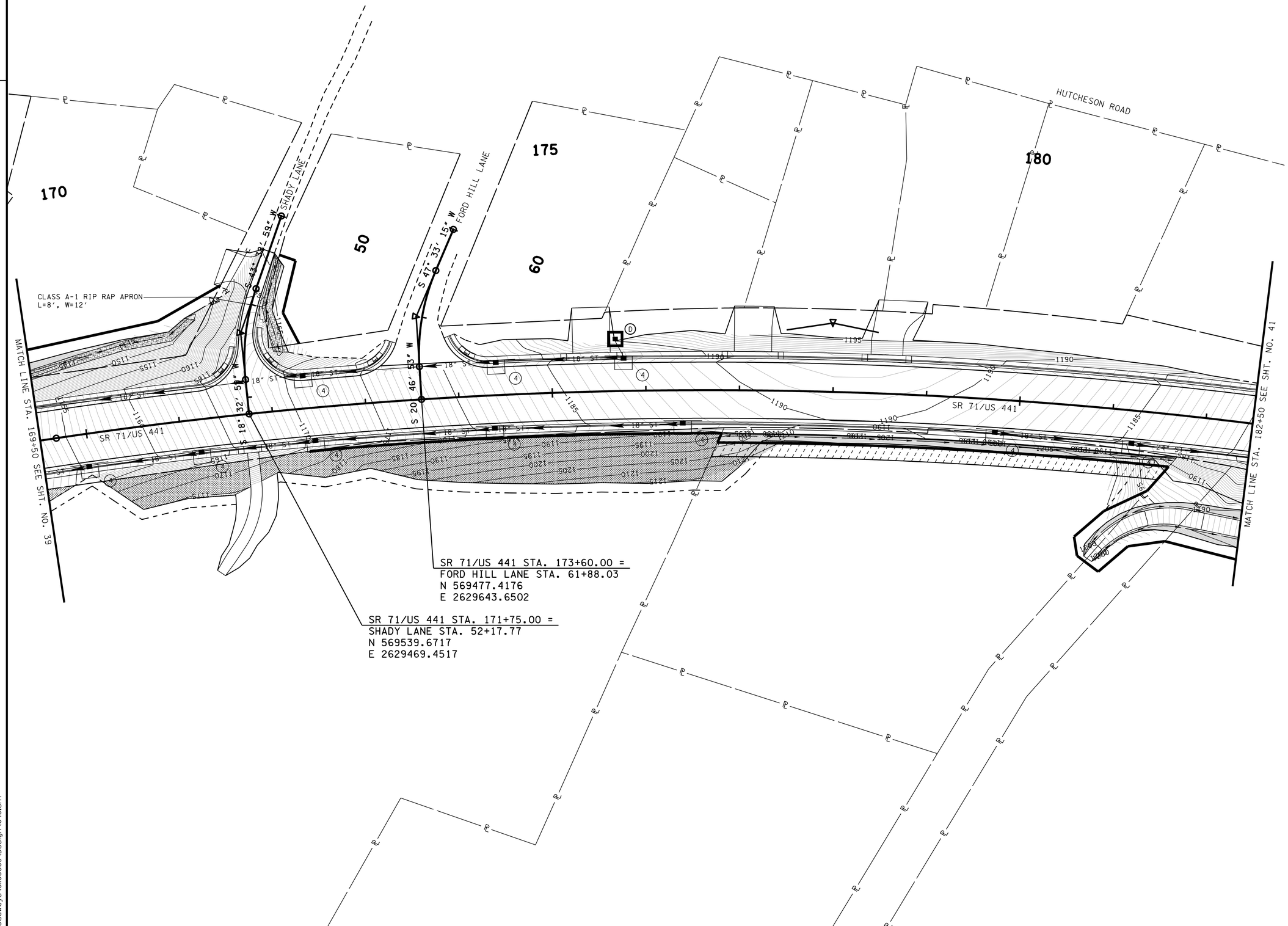
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TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	40

REV. 04/28/16 CHANGED PHASE TO STAGE.



R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 169+50 TO STA. 182+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	41

REV. 04/28/16 CHANGED PHASE TO STAGE.

HILLTOP VIEW DRIVE

MURPHY ROAD

SR 71/US 441 STA. 189+84.81 =
HUTCHESON ROAD/SIMMONS ROAD STA. 72+17.86
N 568665.4120
E 2631043.8018

185 HUTCHESON ROAD

190

195

N

MATCH LINE STA. 182+50 SEE SHT. NO. 40

MATCH LINE STA. 195+50 SEE SHT. NO. 42

SR 71/US 441

S 53° 55' 05" E

S 46° 04' 55" W

S 46° 04' 55" W

S 36° 06' 04" W

S 42° 36' 33" W

S 30° 59' 29" W

HUTCHESON ROAD

SIMMONS ROAD

70

75

OUT - 5

EXIST.

48" ST

24" ST

18" ST

R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.182+50 TO STA.195+50

SCALE: 1"=50'

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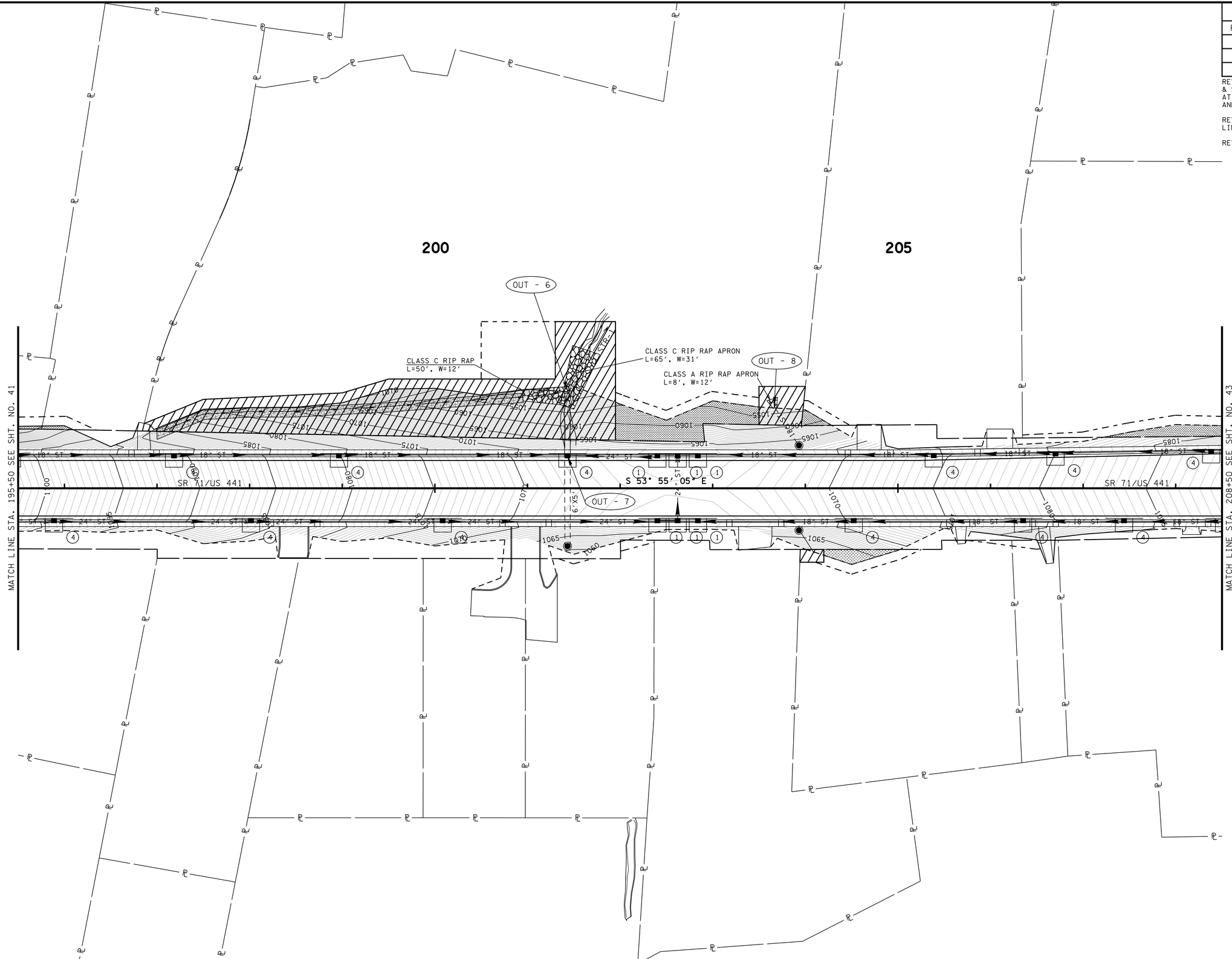
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	42

REV. 11/05/15 REVISED SLOPES & EASEMENTS & SUBDIVIDED TRACT 37. REVISED DRIVEWAY AT STA.200+98. REMOVED STRUCTURE A7.10 AND CATCH BASIN PROTECTION.

REV. 02/11/16 ADDED RIP RAP AND REVISED LIMIT OF TRM AT STR-1.

REV. 04/28/16 REVISED OUTFALL NUMBERS



R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.195+50 TO STA.208+50

SCALE: 1"=50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	43

REV. 04/28/16 - CHANGED OUTFALL NUMBER

210

MATCH LINE STA. 208+50 SEE SHT. NO. 42

60'

24' ST

EXIST.

SR 71/US 441

S 53° 55' 05" E

100

SR 71/US 441

OUT - 9

90

SR 35/US 411

N 71° 26' 19" E

N 66° 12' 32" E

SR 33B

END PROJ. NO. HPP/NH-71(16)
STA. 210+55.00 (R.O.W.)

N

R.O.W. PLANS

STAGE 3

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.208+50 TO END

SCALE: 1"=50'

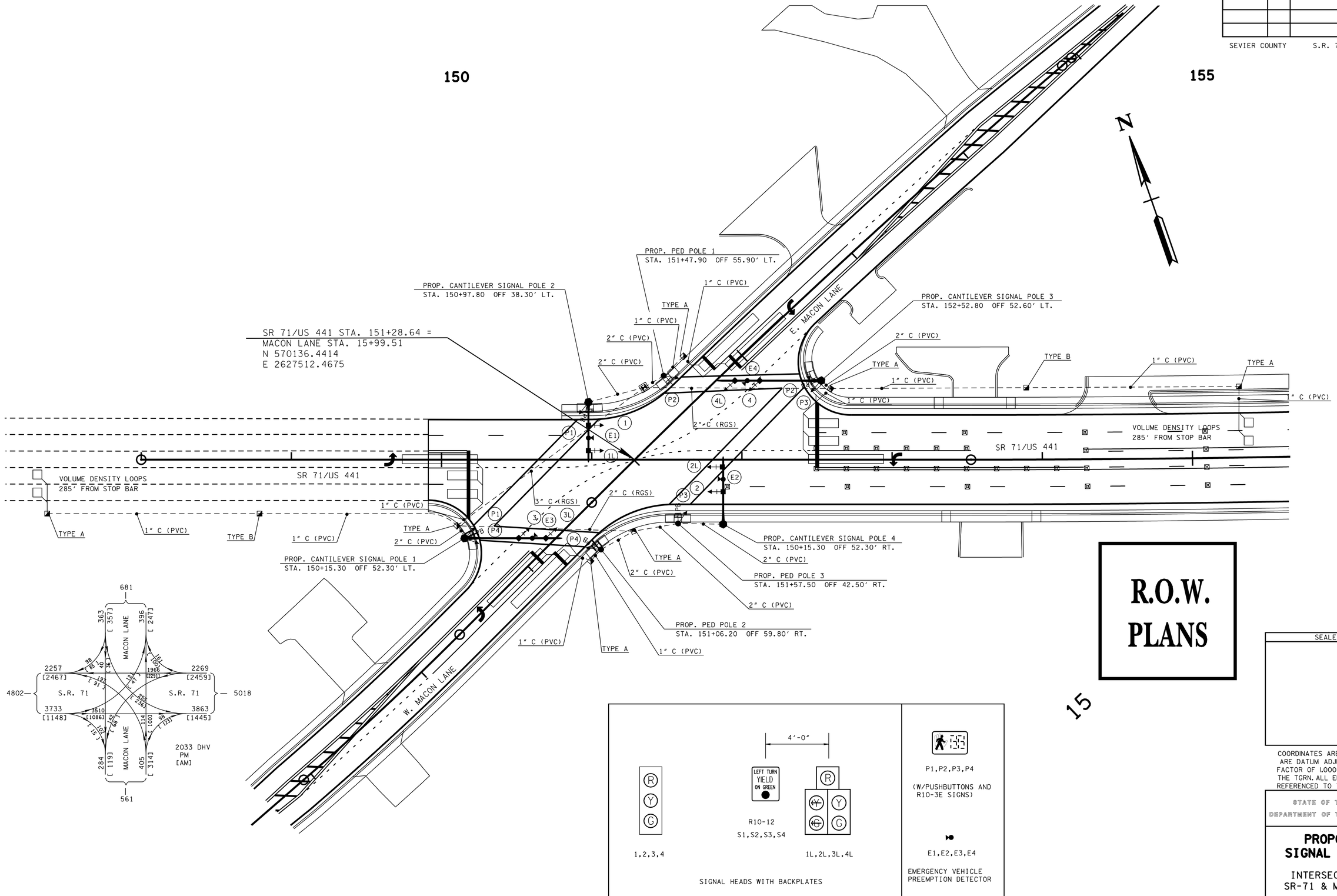
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	44

SEVIER COUNTY S.R. 71/MACON LANE

150

155



R.O.W. PLANS

15

SEALED BY

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAL LAYOUT

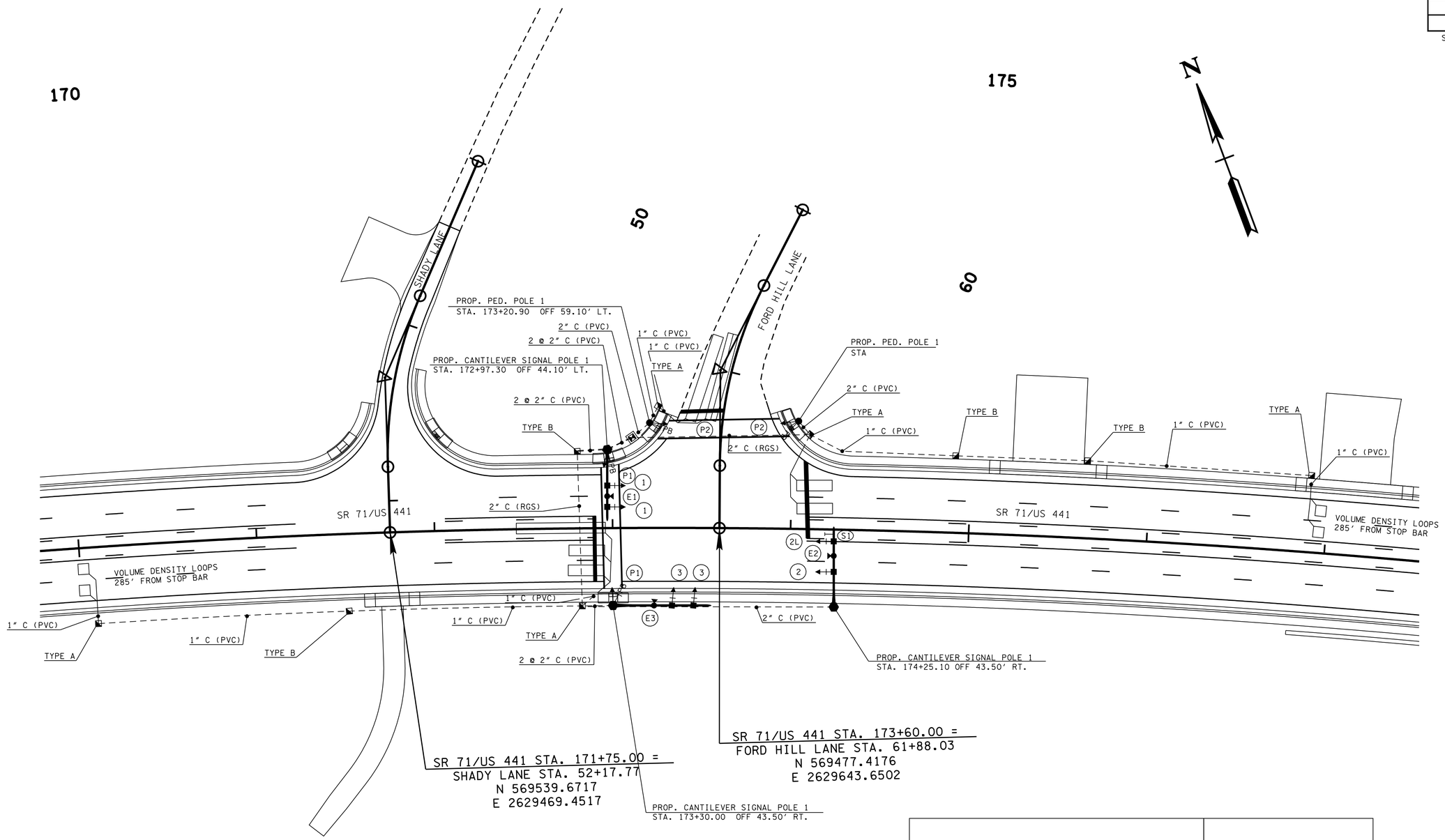
INTERSECTION OF SR-71 & MACON LANE

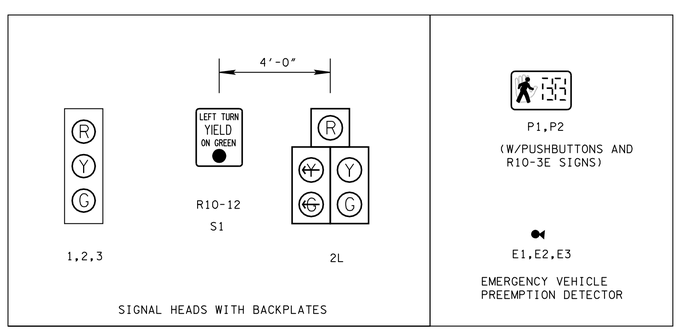
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	45

SEVIER COUNTY S.R. 71(US-441)





R.O.W. PLANS

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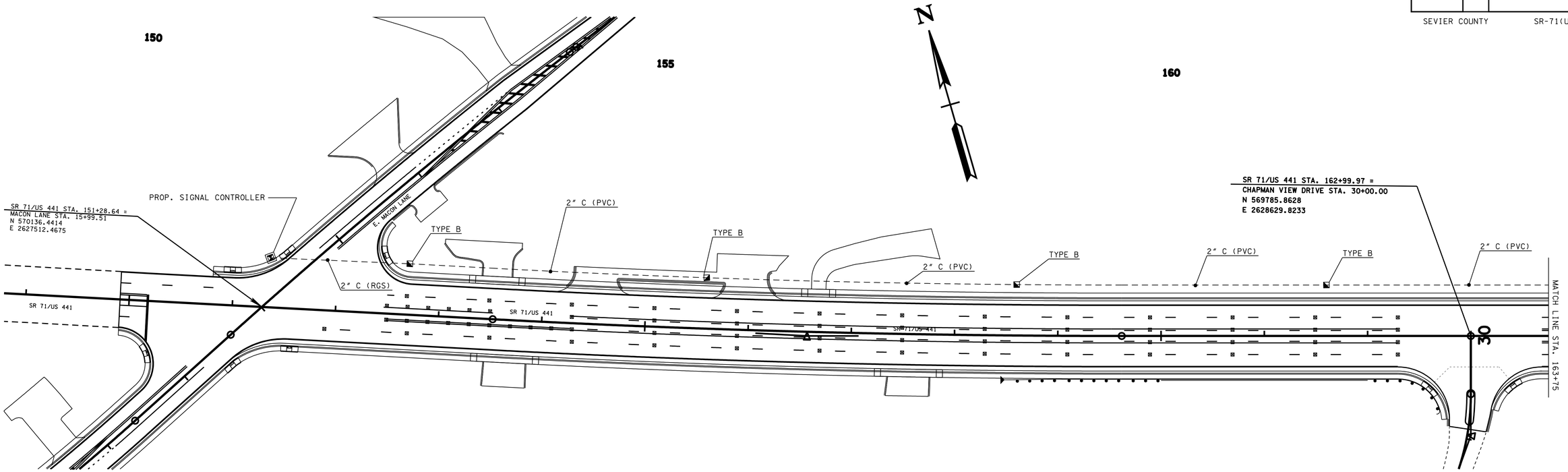
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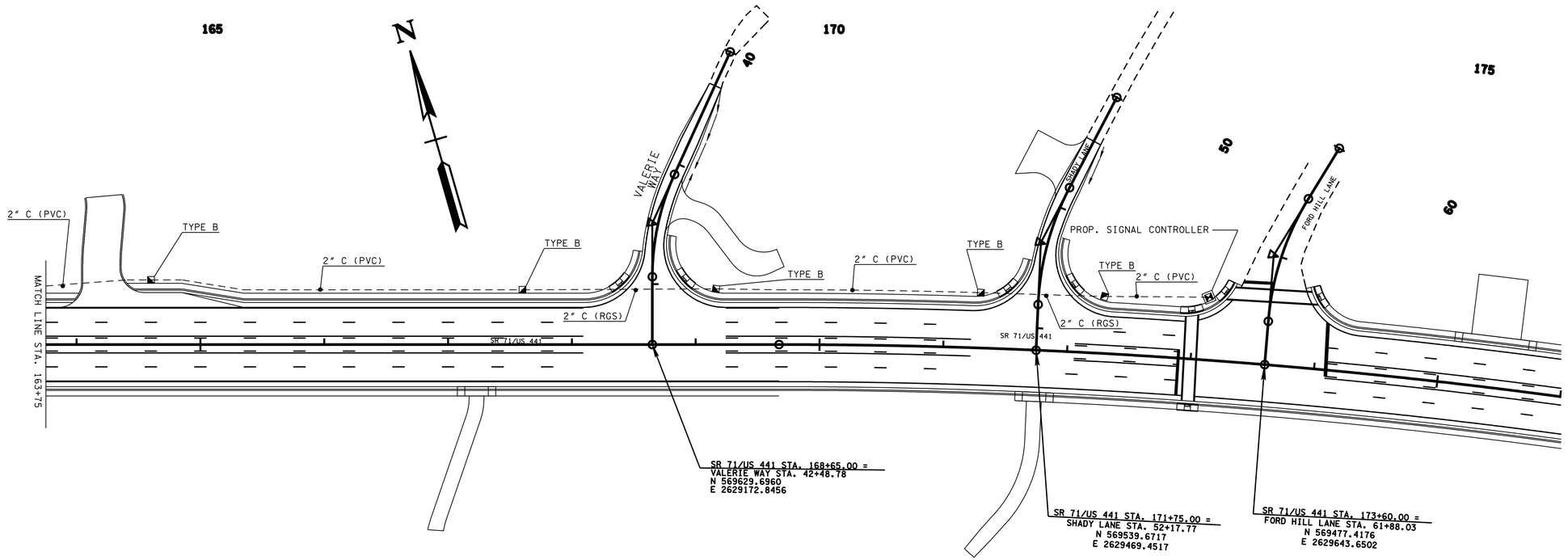
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	46

SEVIER COUNTY SR-71(US-441)





R.O.W. PLANS

SEALED BY

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAL LAYOUT
SIGNAL INTERCONNECT

SR-71

SCALE: 1"=50 '

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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	47

R.O.W. PLANS

1090
1080
1070
1060

PRES. R.O.W.
OFFSET -55.29

OFFSET -41.70
EL. 1065.35

-0.040
-0.020
-0.020
-0.040

FG EL. 1065.43

EL.1064.06
OFFSET -32.78

EL.1063.33
SIDEROAD *** OFFSET 30.00

PRES. R.O.W.
OFFSET 106.93

151+00.00

CUT 8
FILL 5

PRES. R.O.W.
OFFSET -55.44

FG EL. 1065.69

-0.020
-0.020

EL.1063.59
SIDEROAD *** OFFSET 30.00

PRES. R.O.W.
OFFSET 138.49

150+50.00

CUT 0
FILL 0

PRES. R.O.W.
OFFSET -55.59

FG EL. 1064.90

-0.020
-0.020

6.7%

PRES. R.O.W.
OFFSET 45.11

EL. 1064.88
OFFSET 42.44

OFFSET 31.86
EL.1063.34

PROP. R.O.W.
OFFSET 86.05

PRES. R.O.W.
OFFSET 97.26

150+00.00

CUT 12
FILL 5

S.R. 71

SCALE: 1"=10'

BEGIN STA. 150+00.00
END STA. 151+00.00

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

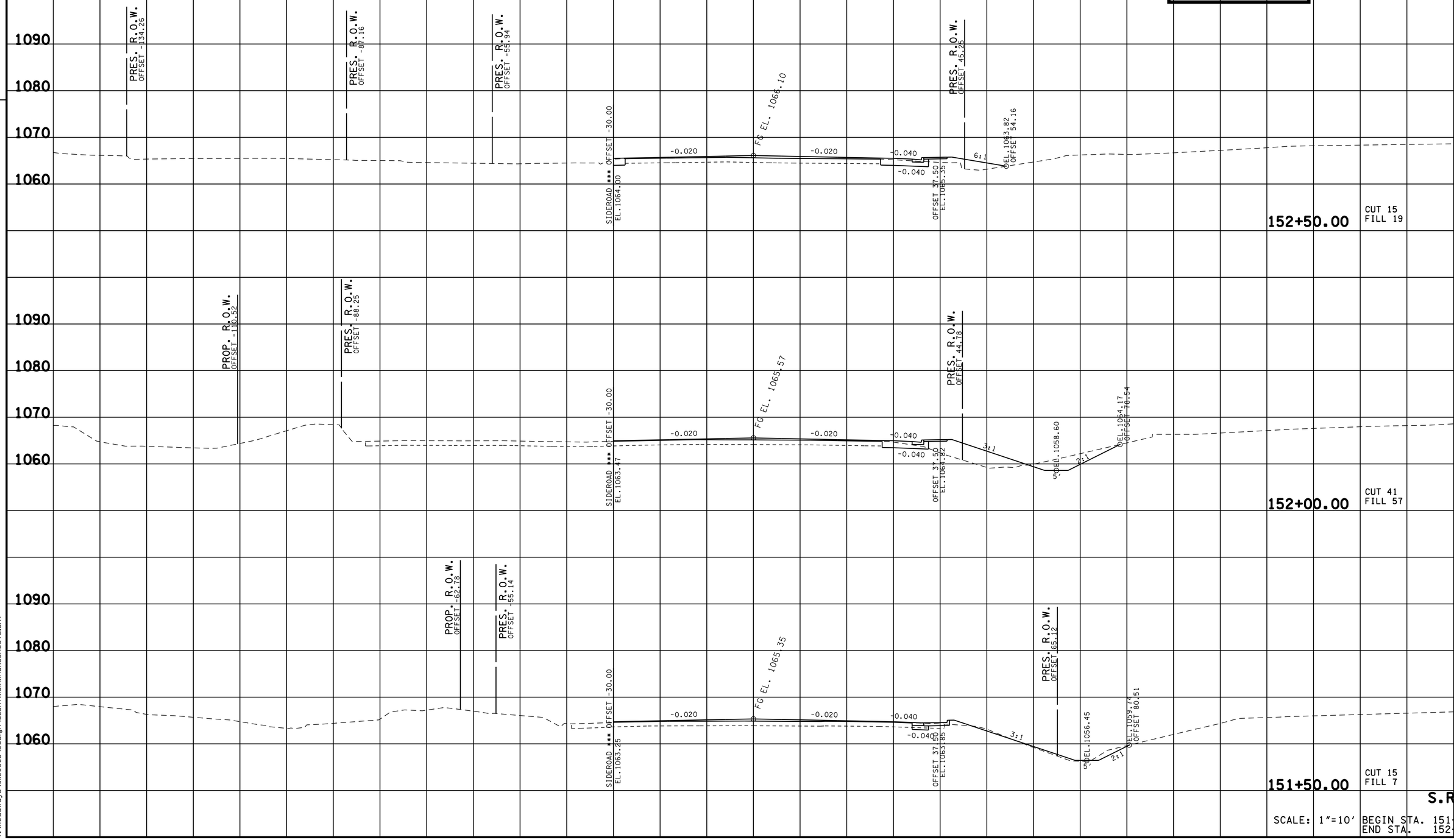
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	48



S.R. 71

SCALE: 1"=10' BEGIN STA. 151+50.00
END STA. 152+50.00

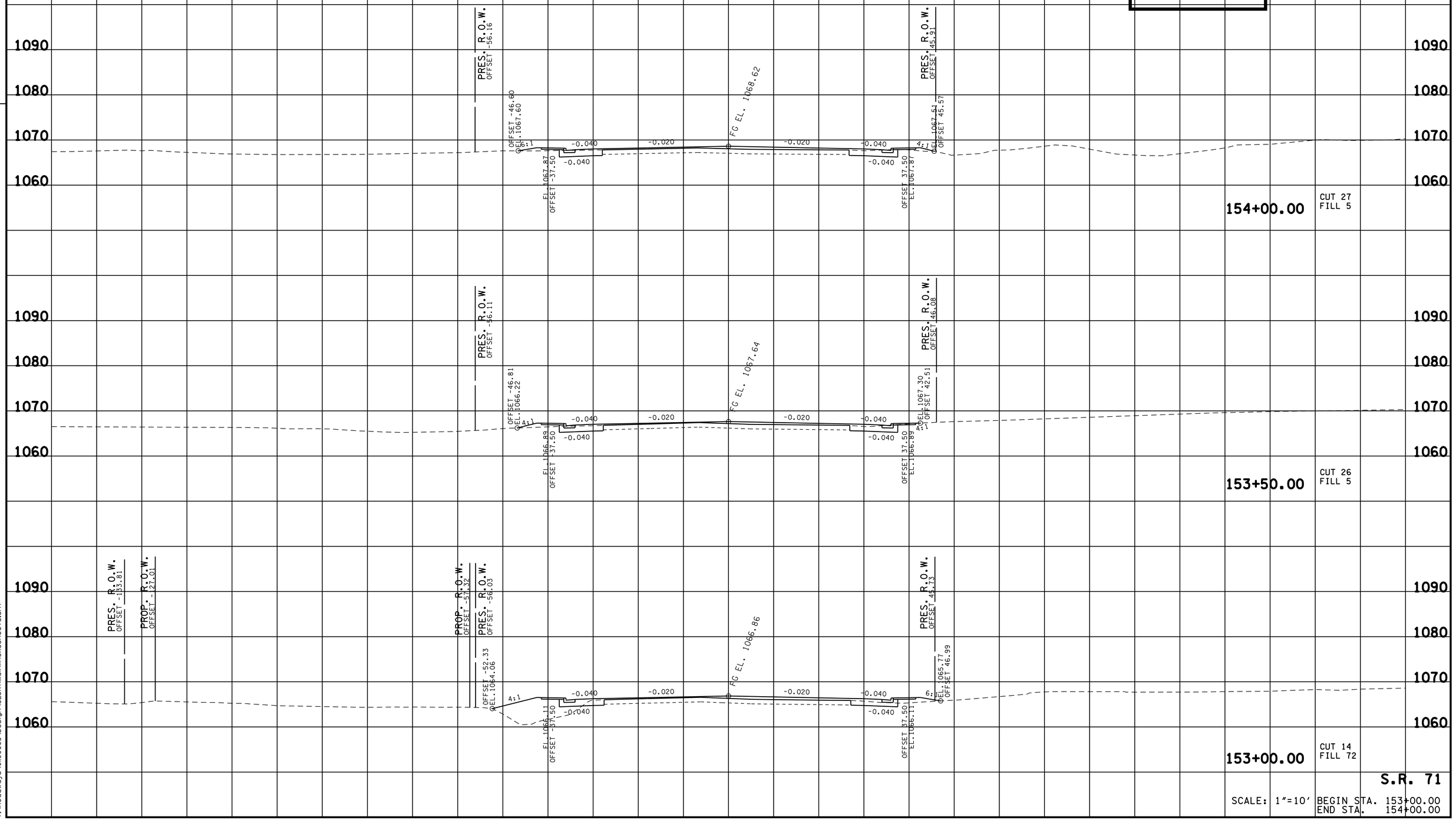
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	49



S.R. 71

SCALE: 1"=10'

BEGIN STA. 153+00.00
END STA. 154+00.00

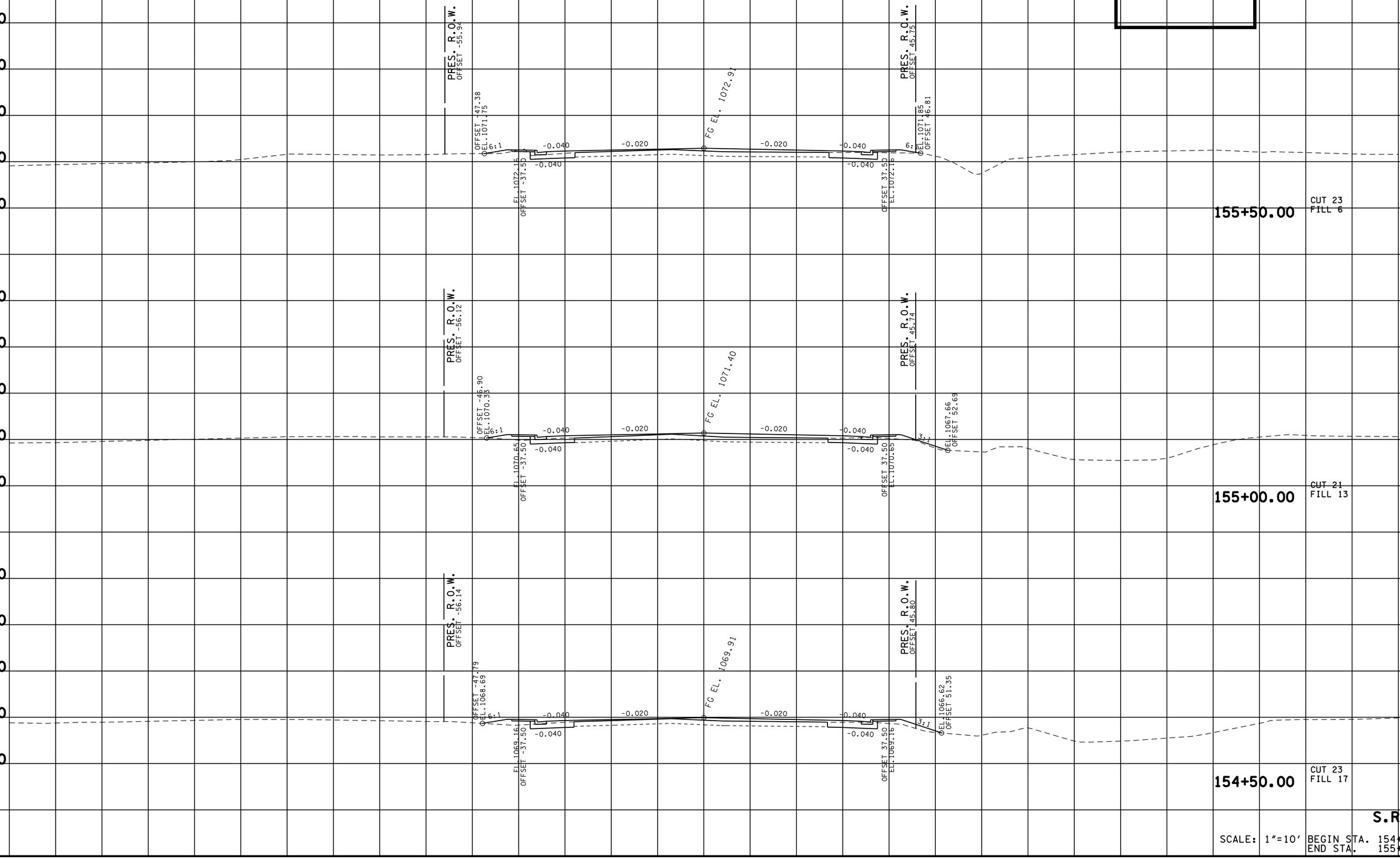
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	50

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 154+50.00
END STA. 155+50.00

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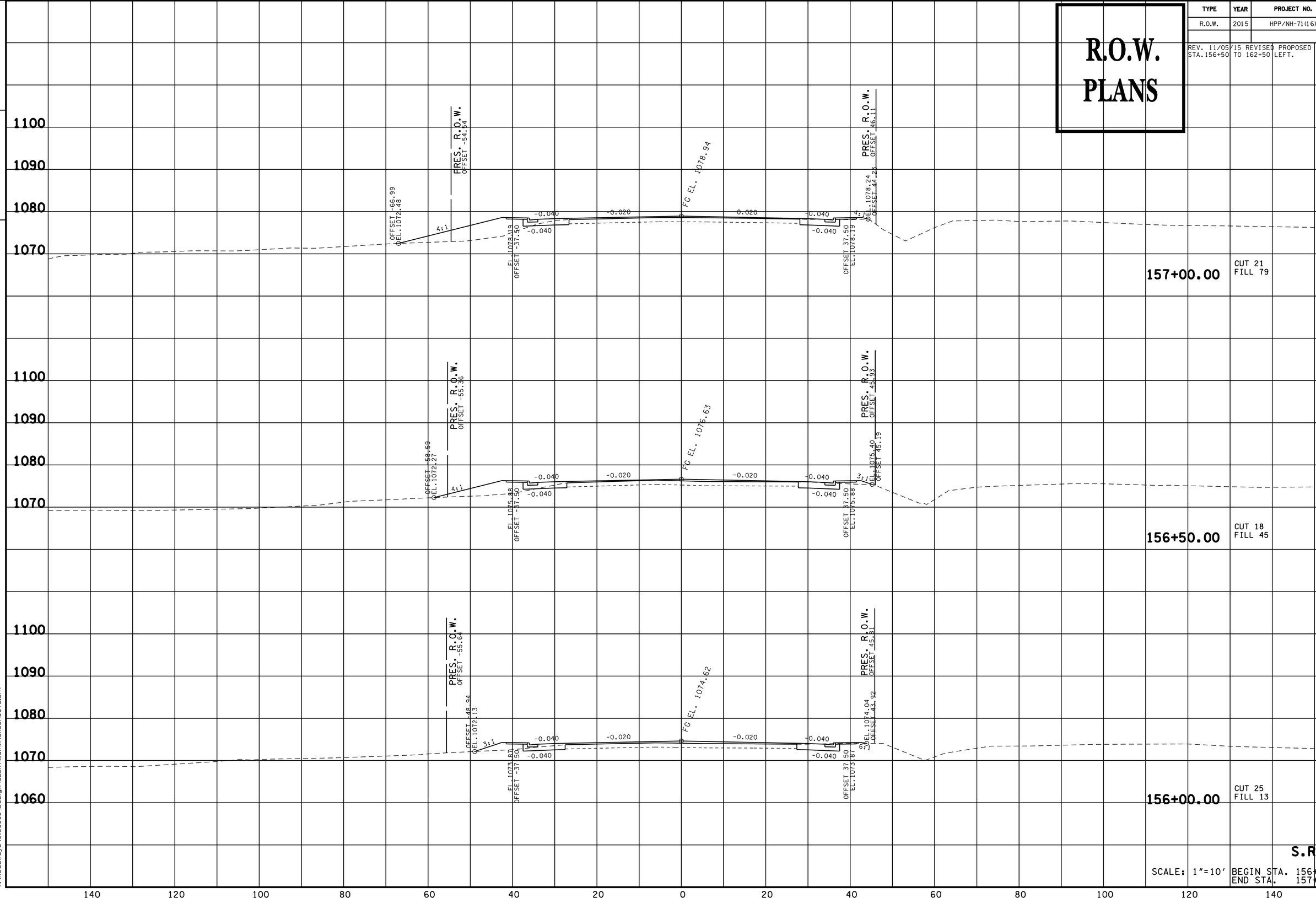
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	51

REV. 11/05/15 REVISED PROPOSED SLOPES STA.156+50 TO 162+50 LEFT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 156+00.00
END STA. 157+00.00

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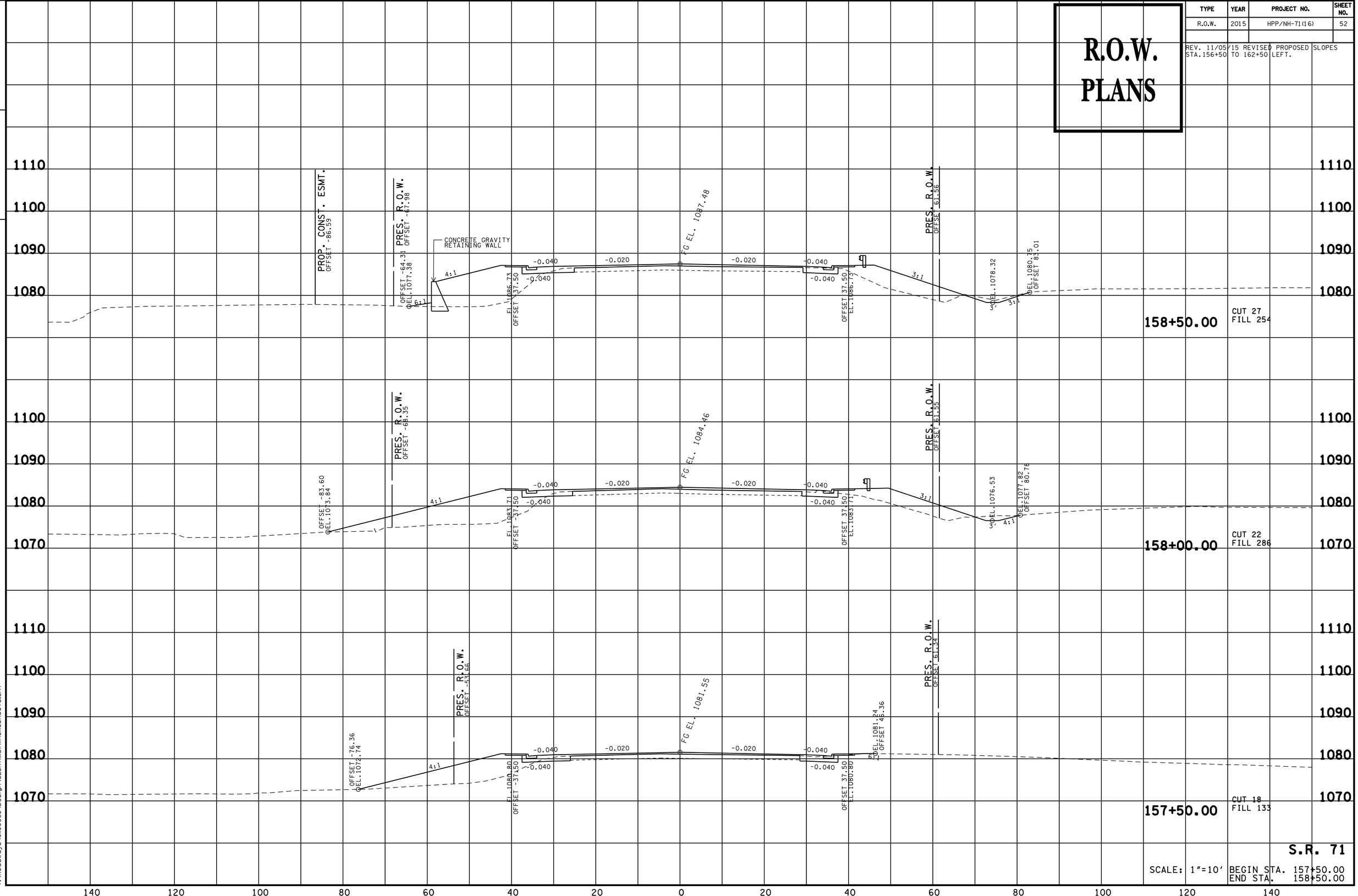
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	52

REV. 11/05/15 REVISED PROPOSED SLOPES STA.156+50 TO 162+50 LEFT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 157+50.00
END STA. 158+50.00

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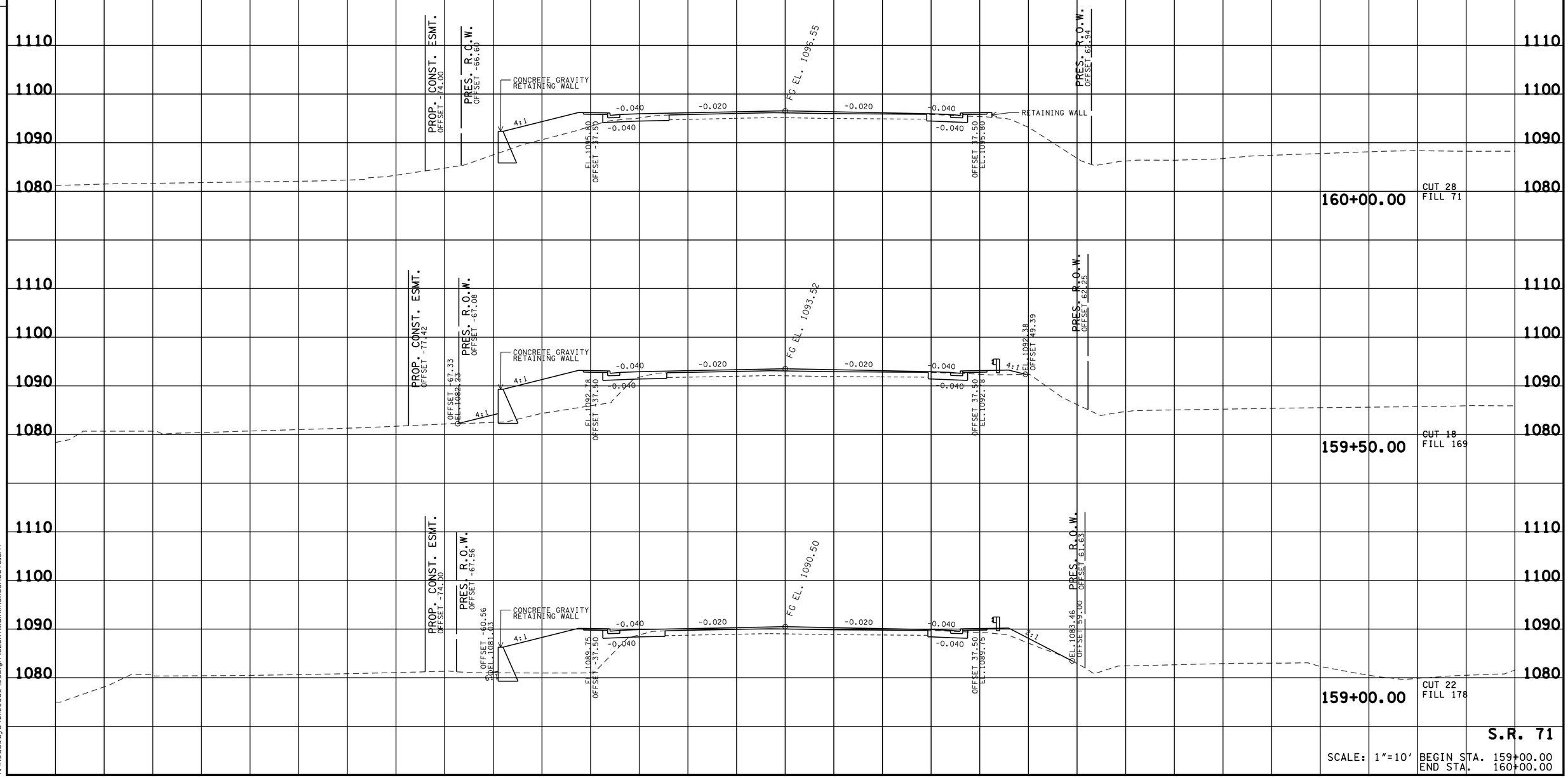
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	53

REV. 11/05/15 REVISED PROPOSED SLOPES STA.156+50 TO 162+50 LEFT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 159+00.00
END STA. 160+00.00

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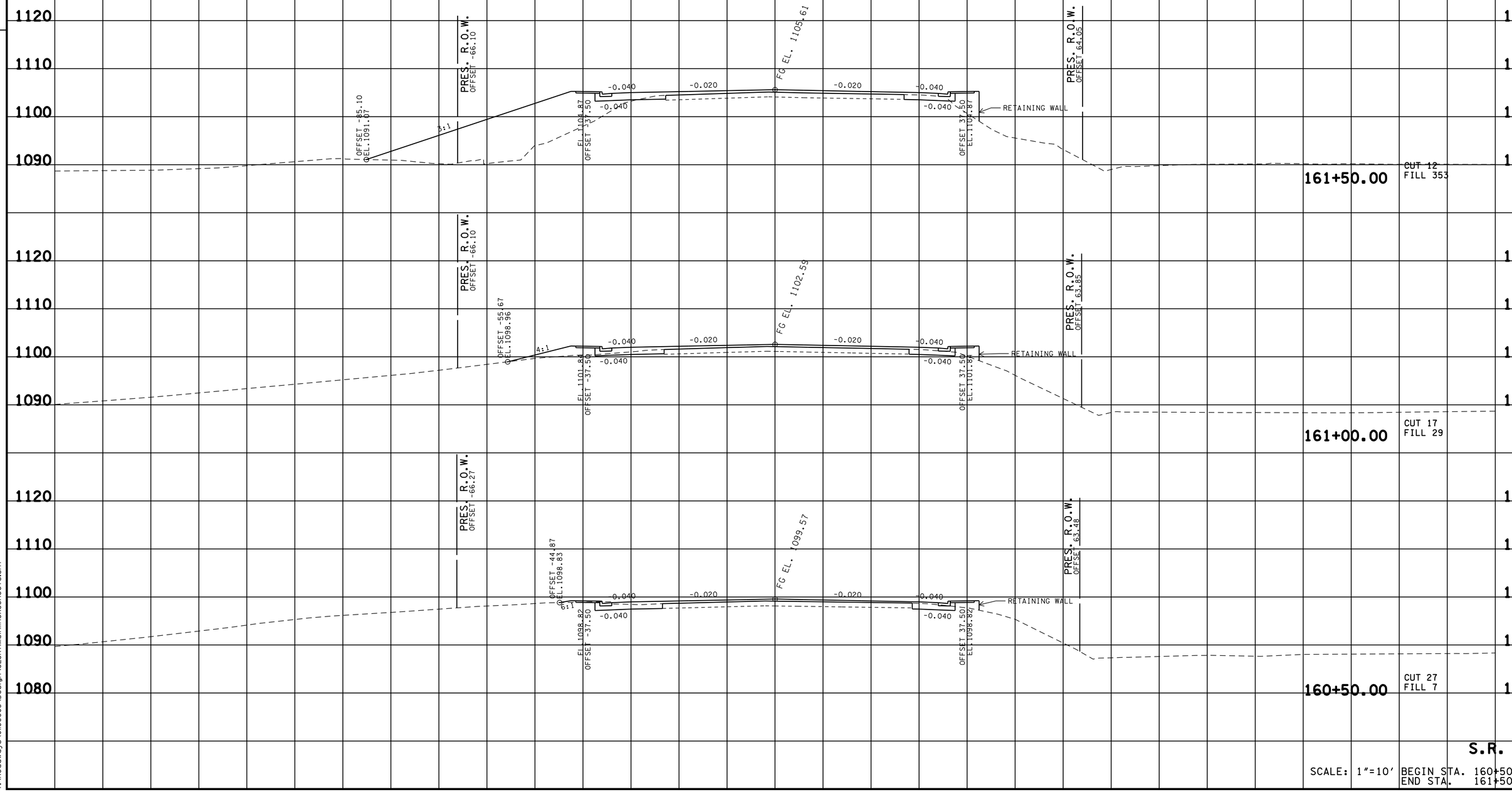
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	54

REV. 11/05/15 REVISED PROPOSED SLOPES STA.156+50 TO 162+50 LEFT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 160+50.00
END STA. 161+50.00

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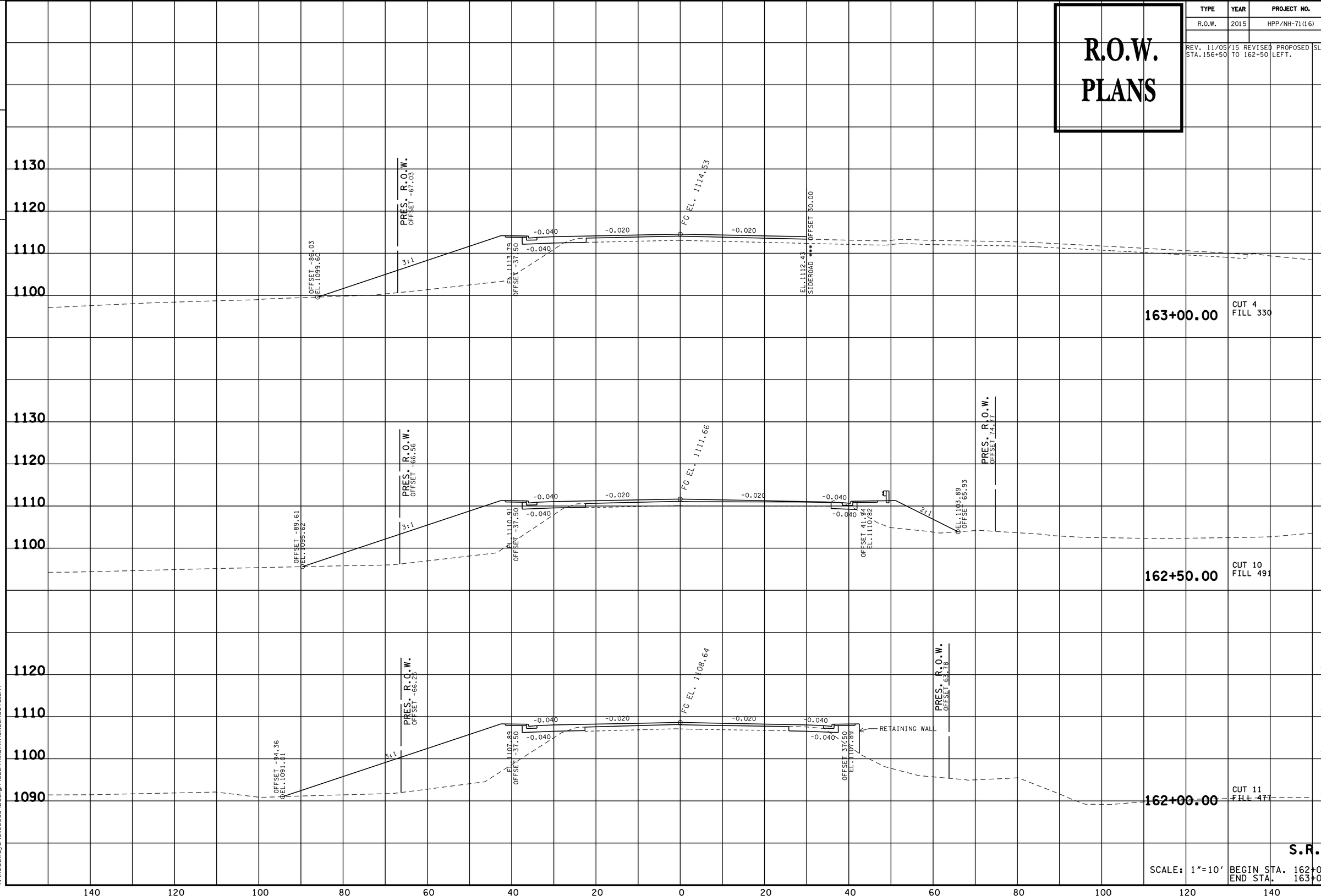
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	55

REV. 11/05/15 REVISED PROPOSED SLOPES STA.156+50 TO 162+50 LEFT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 162+00.00
END STA. 163+00.00

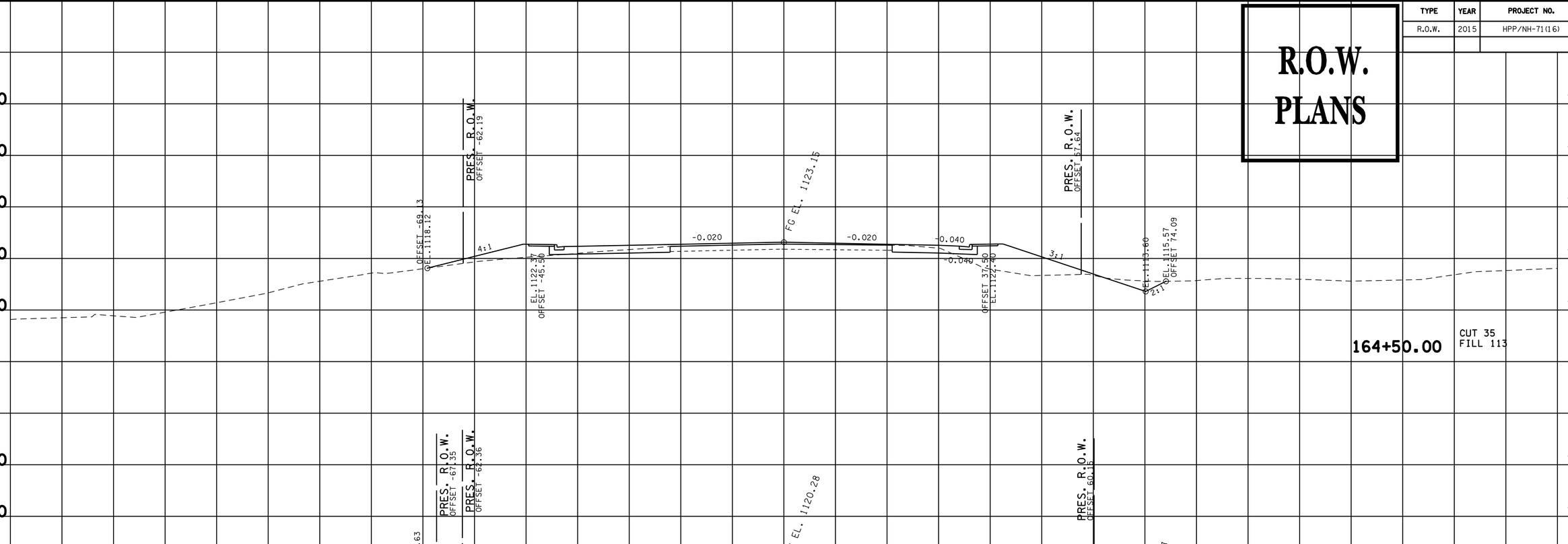
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	56

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 163+50.00
END STA. 164+50.00

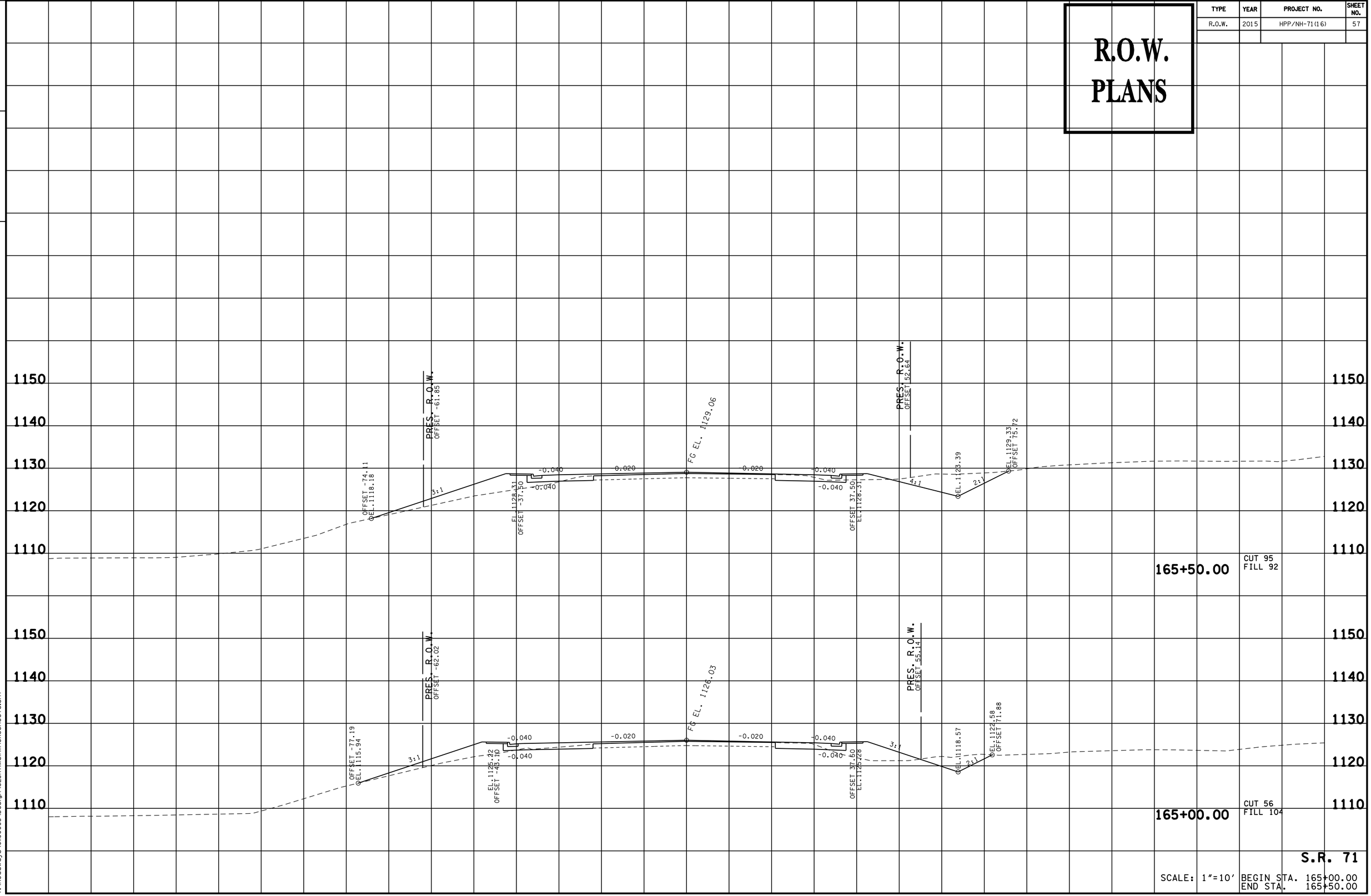
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	57



S.R. 71

SCALE: 1"=10'

BEGIN STA. 165+00.00
END STA. 165+50.00

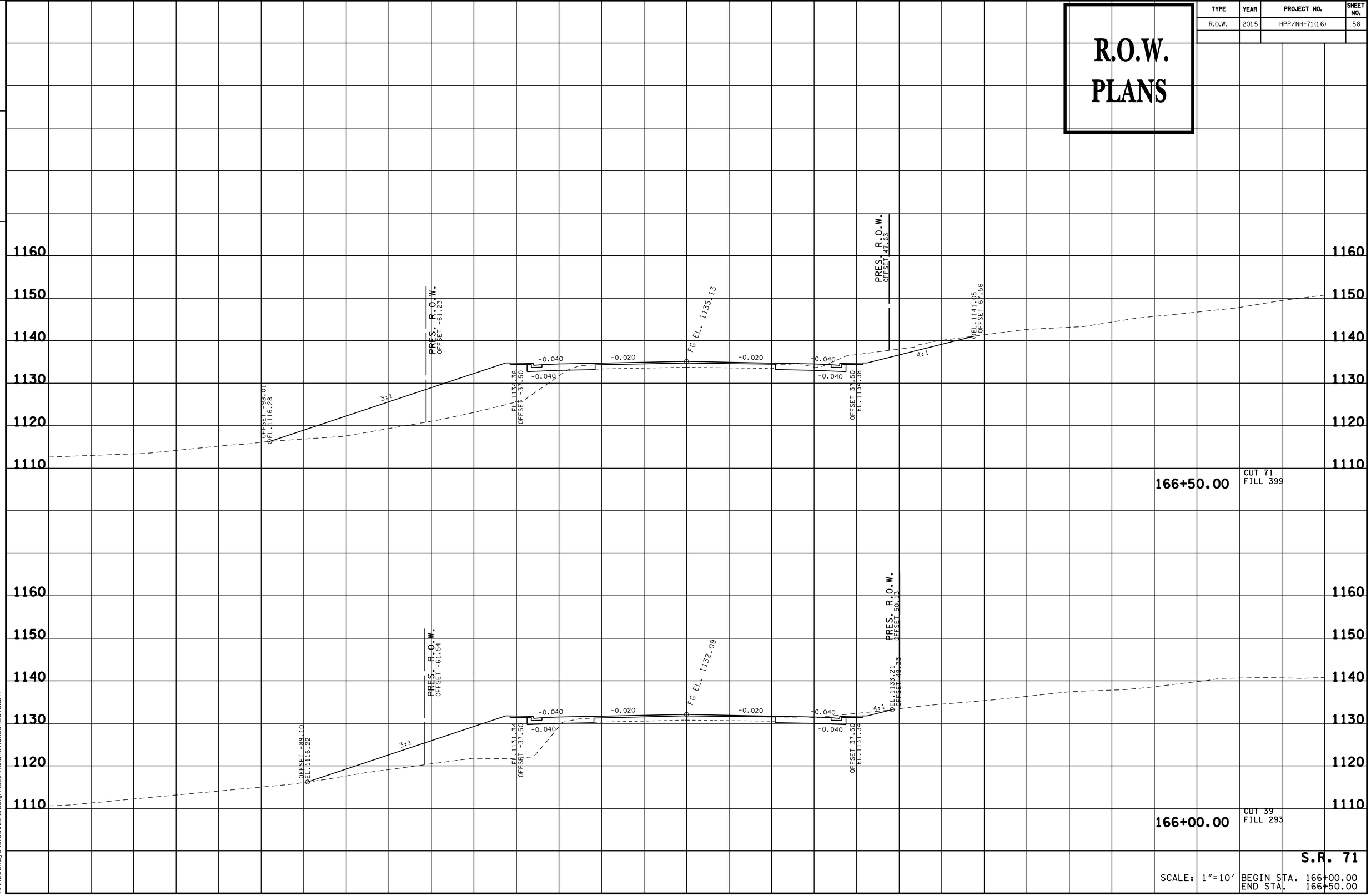
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	58

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'

BEGIN STA. 166+00.00
END STA. 166+50.00

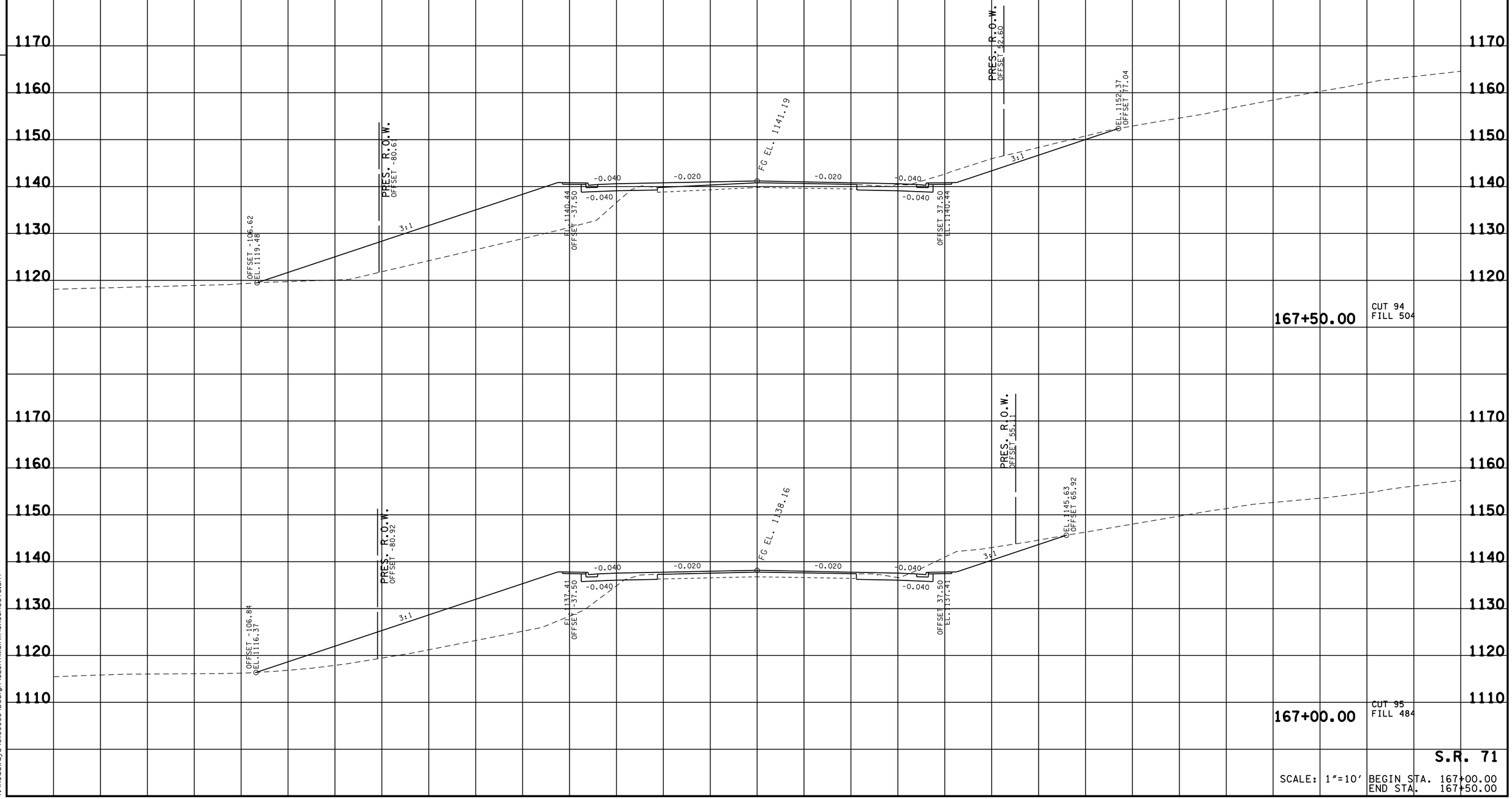
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	59



S.R. 71

SCALE: 1"=10' BEGIN STA. 167+00.00
END STA. 167+50.00

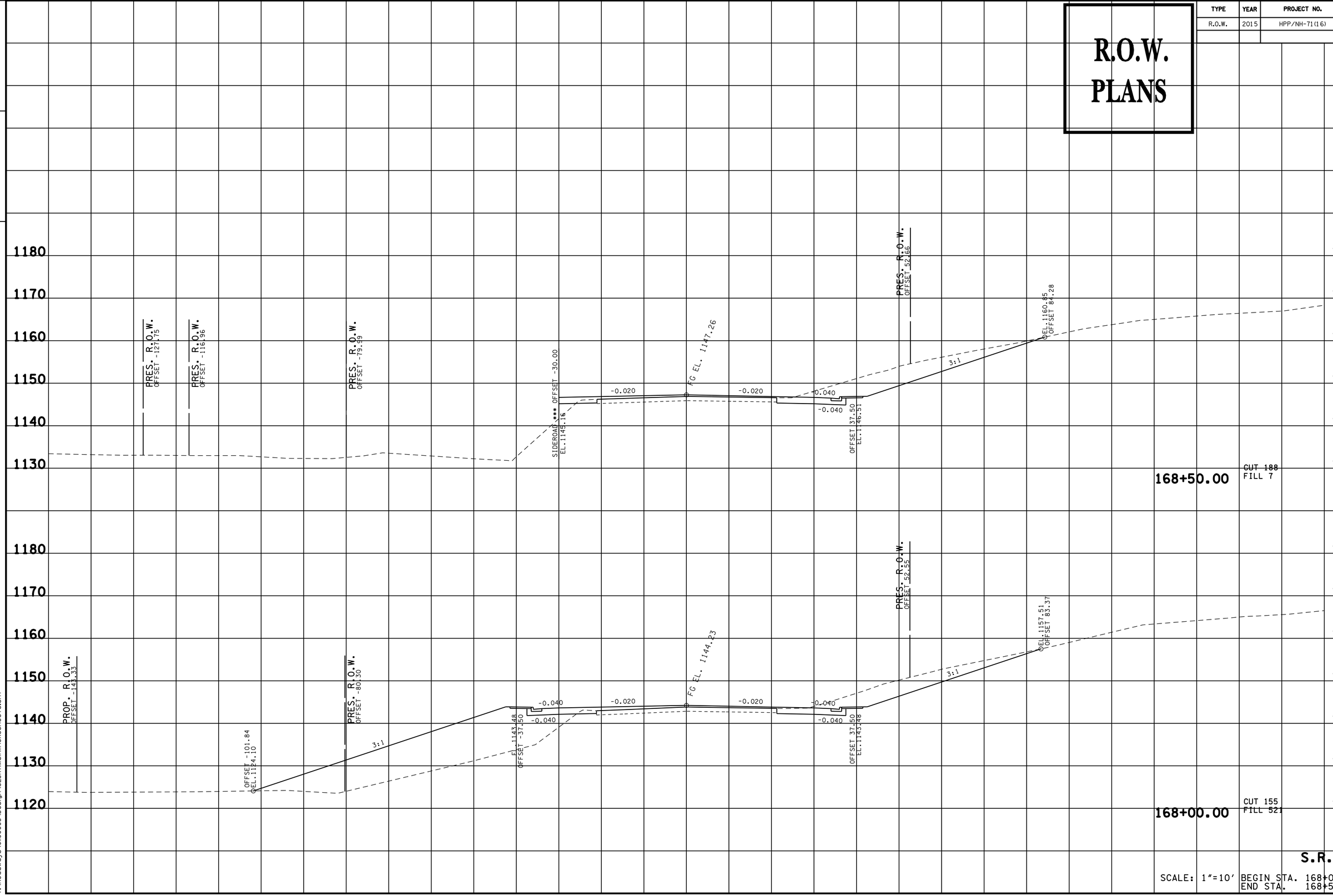
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	60

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 168+00.00
END STA. 168+50.00

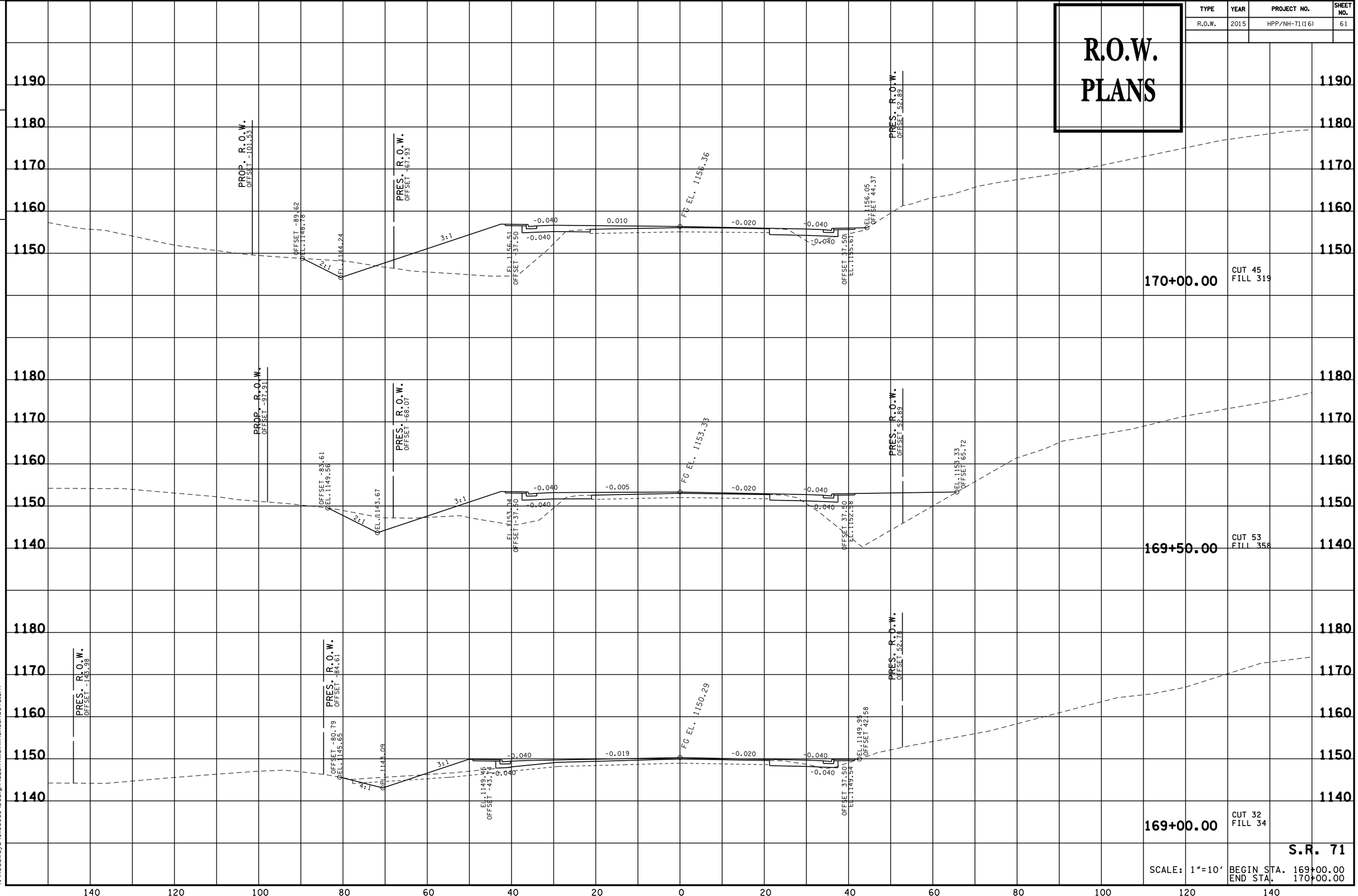
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	61

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'

BEGIN STA. 169+00.00
END STA. 170+00.00

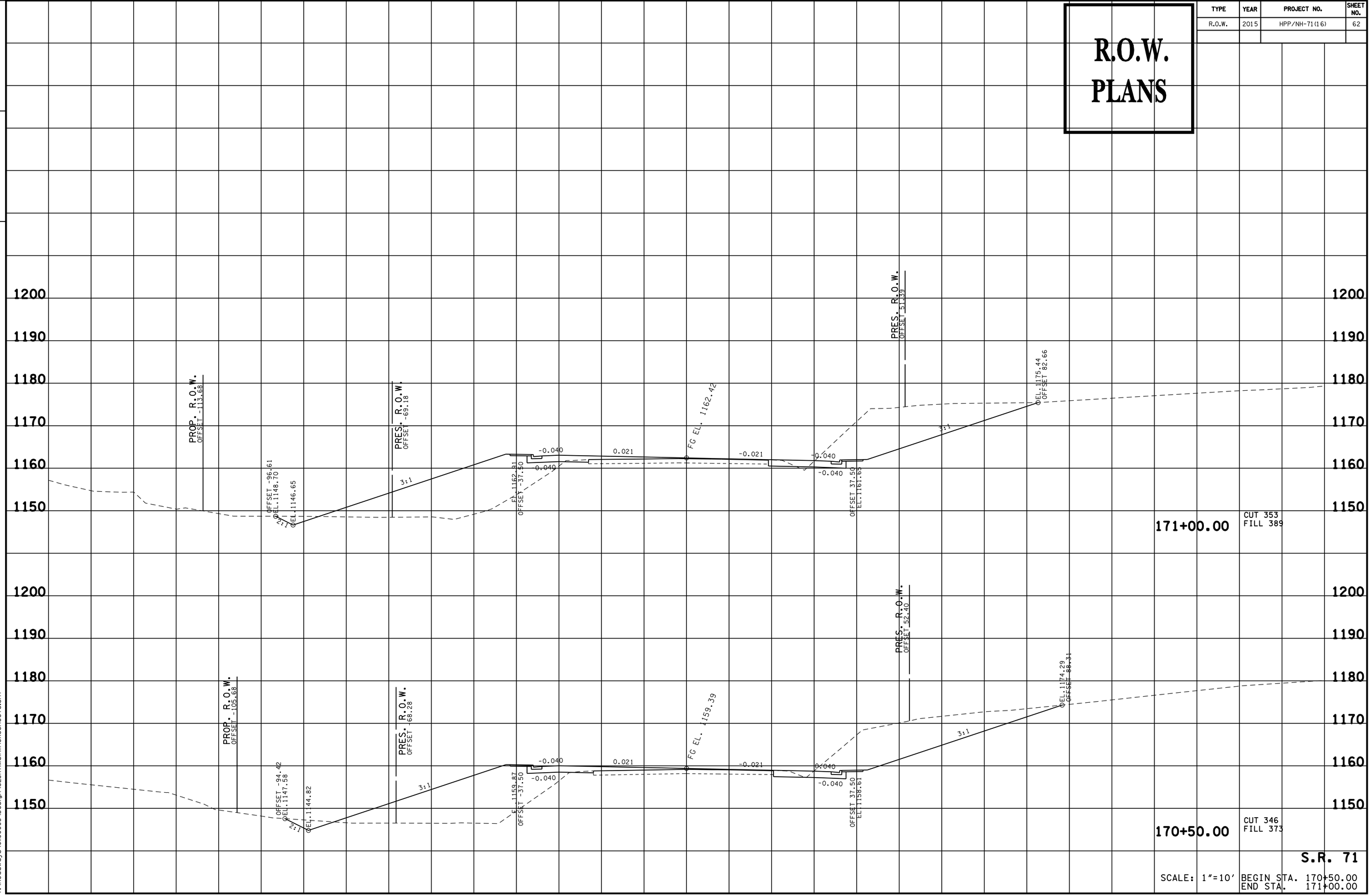
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	62

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'

BEGIN STA. 170+50.00
END STA. 171+00.00

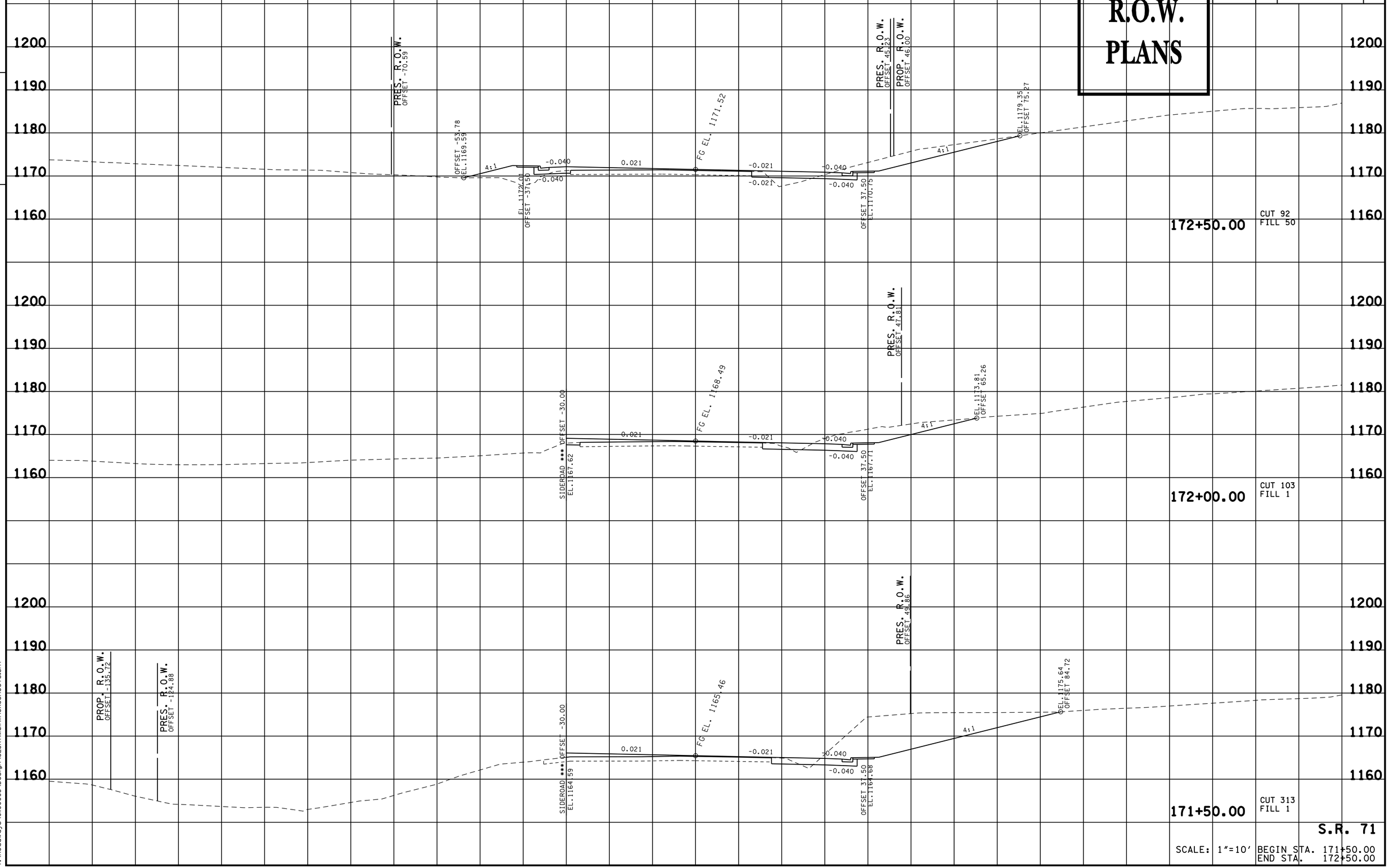
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	63

R.O.W. PLANS

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.



S.R. 71

SCALE: 1"=10' BEGIN STA. 171+50.00
END STA. 172+50.00

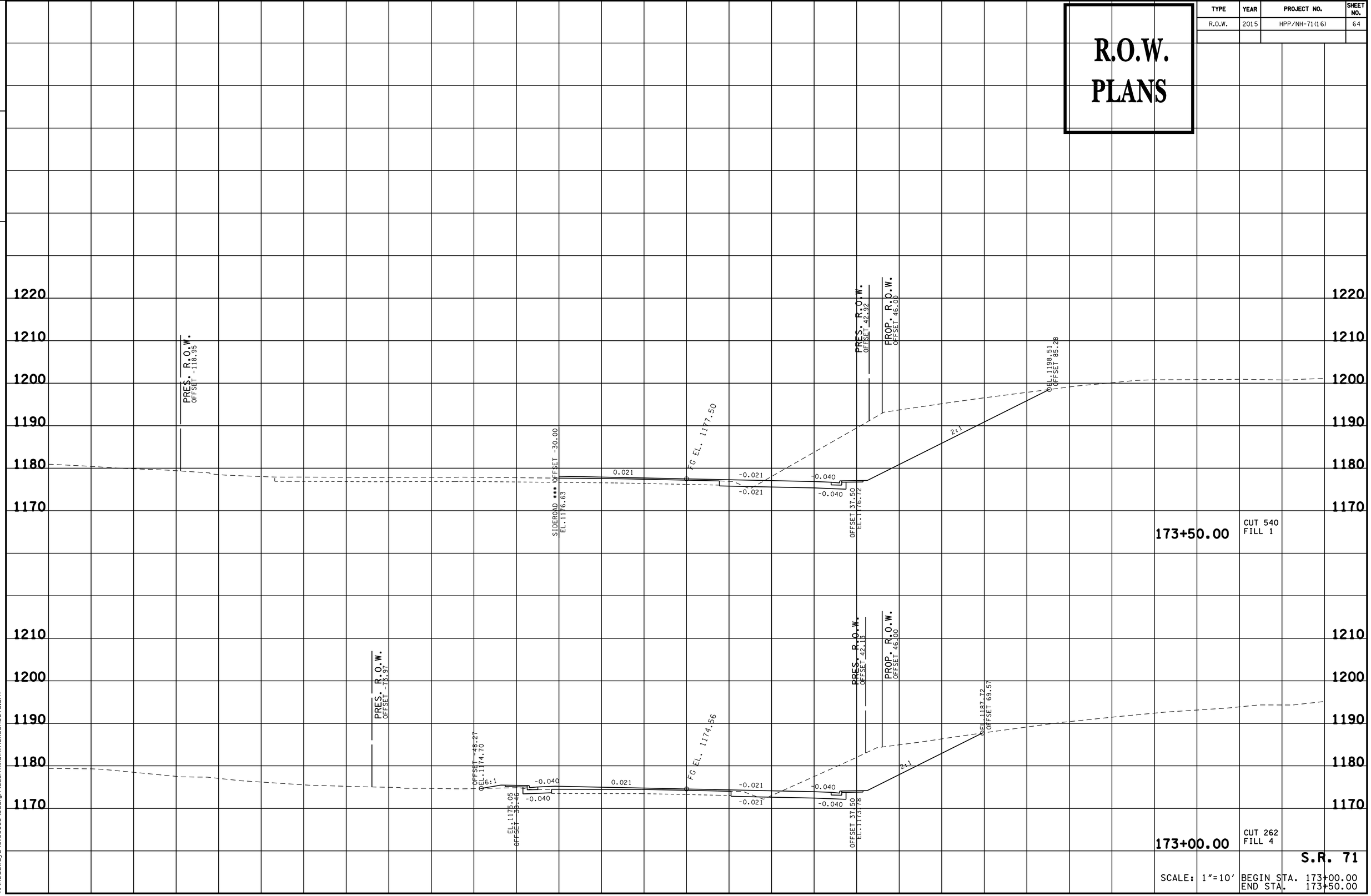
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	64

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'

BEGIN STA. 173+00.00
END STA. 173+50.00

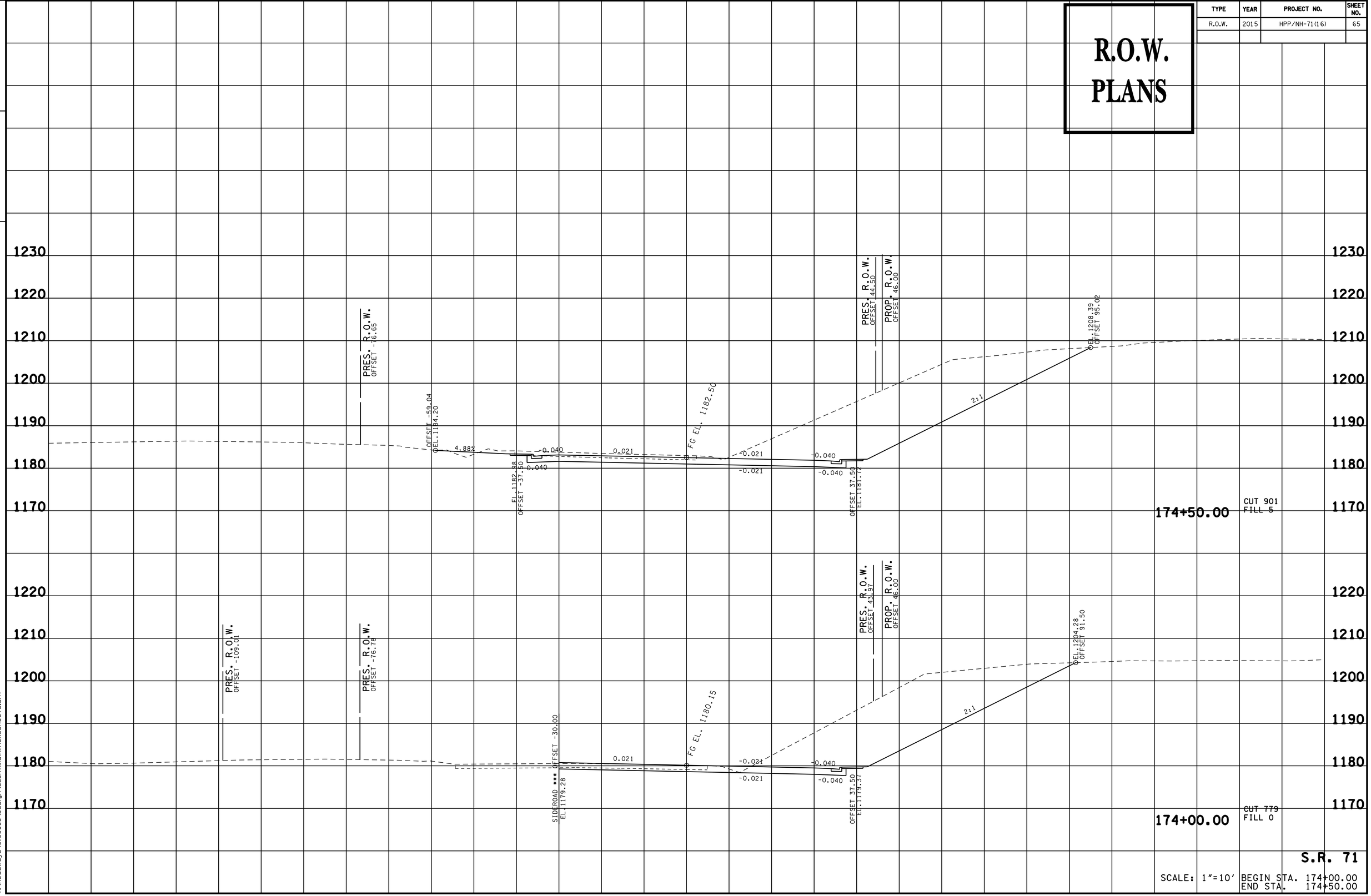
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	65

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 174+00.00
END STA. 174+50.00

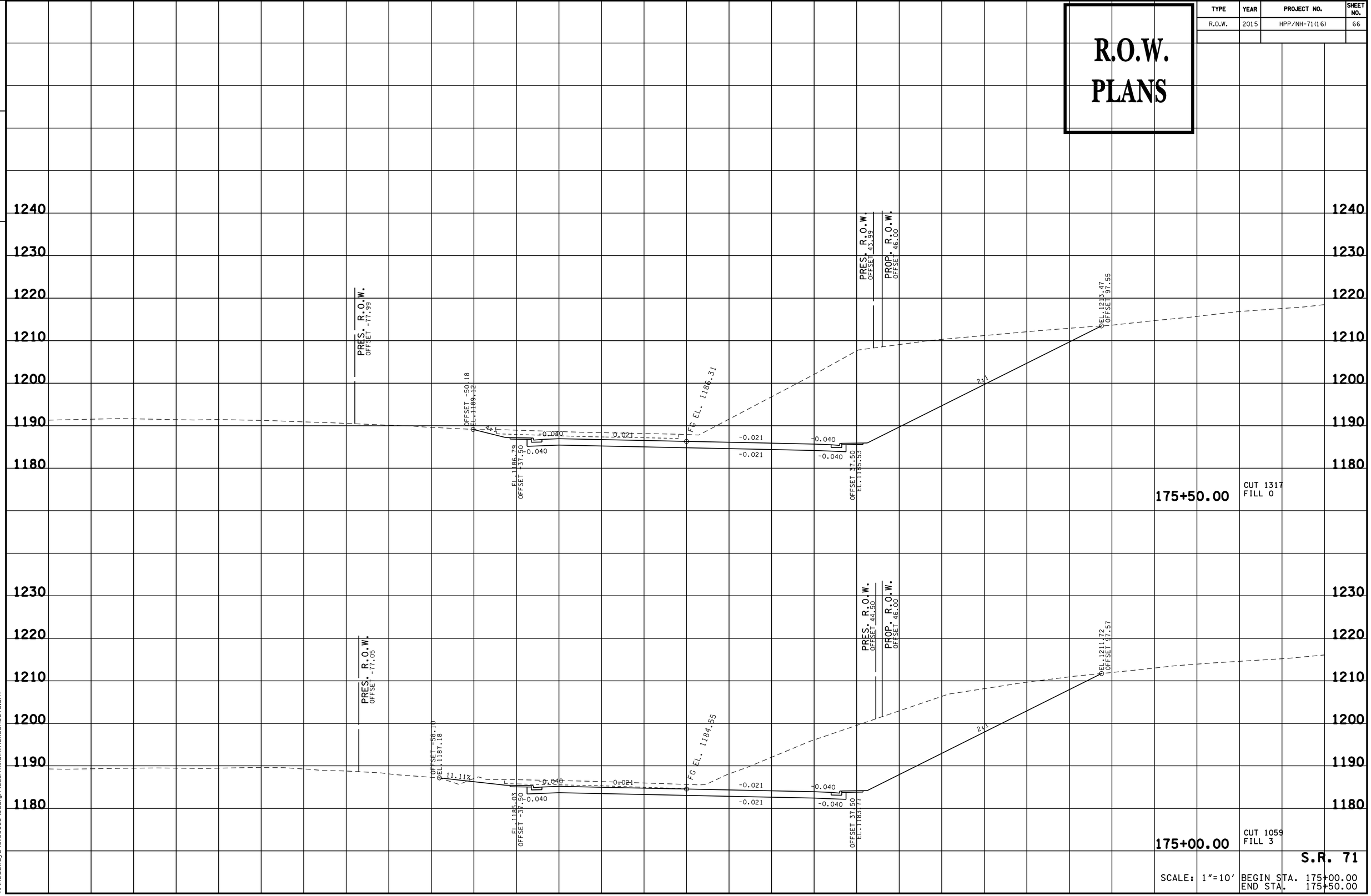
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	66

R.O.W. PLANS



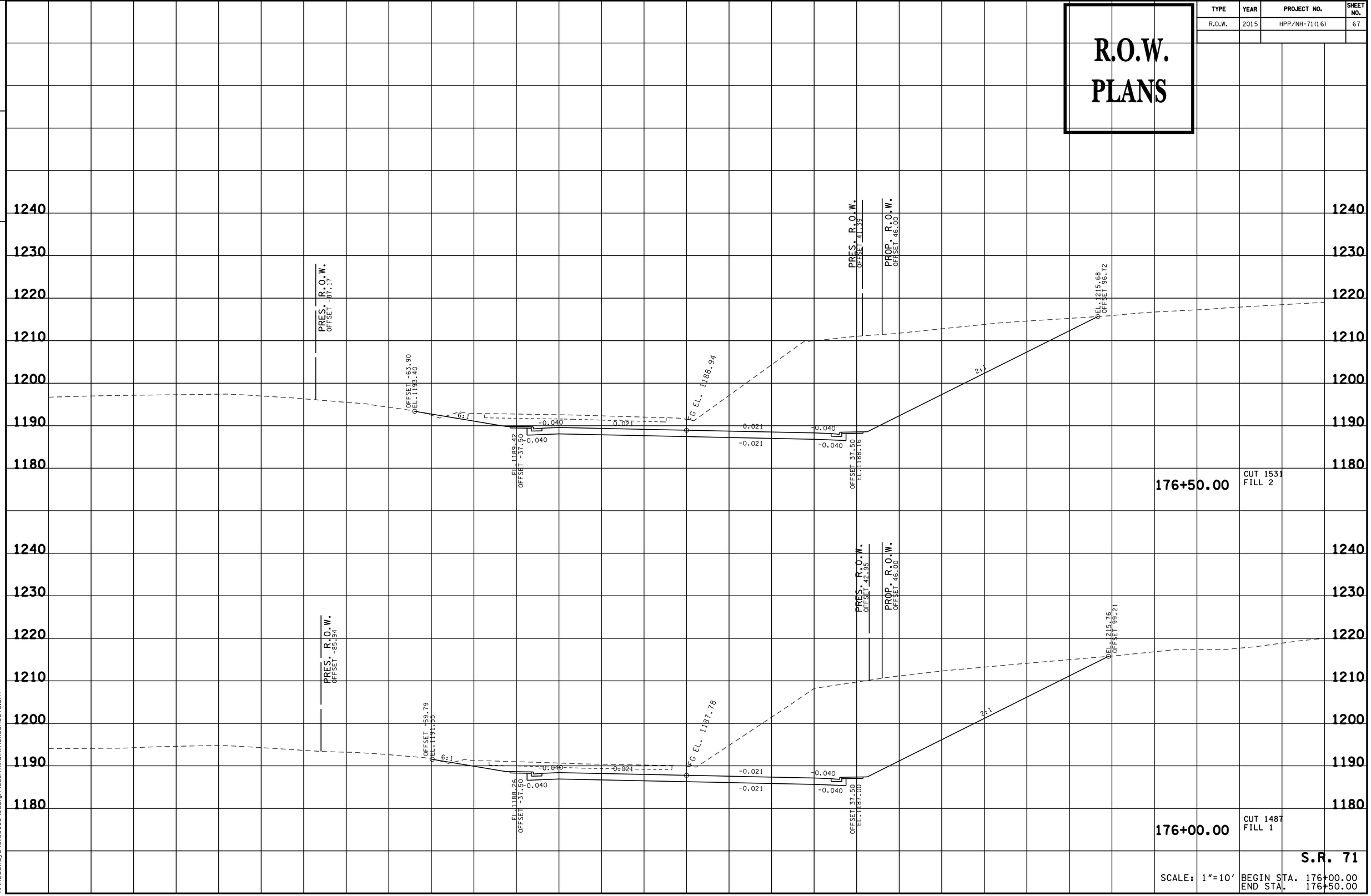
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	67

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 176+00.00
END STA. 176+50.00

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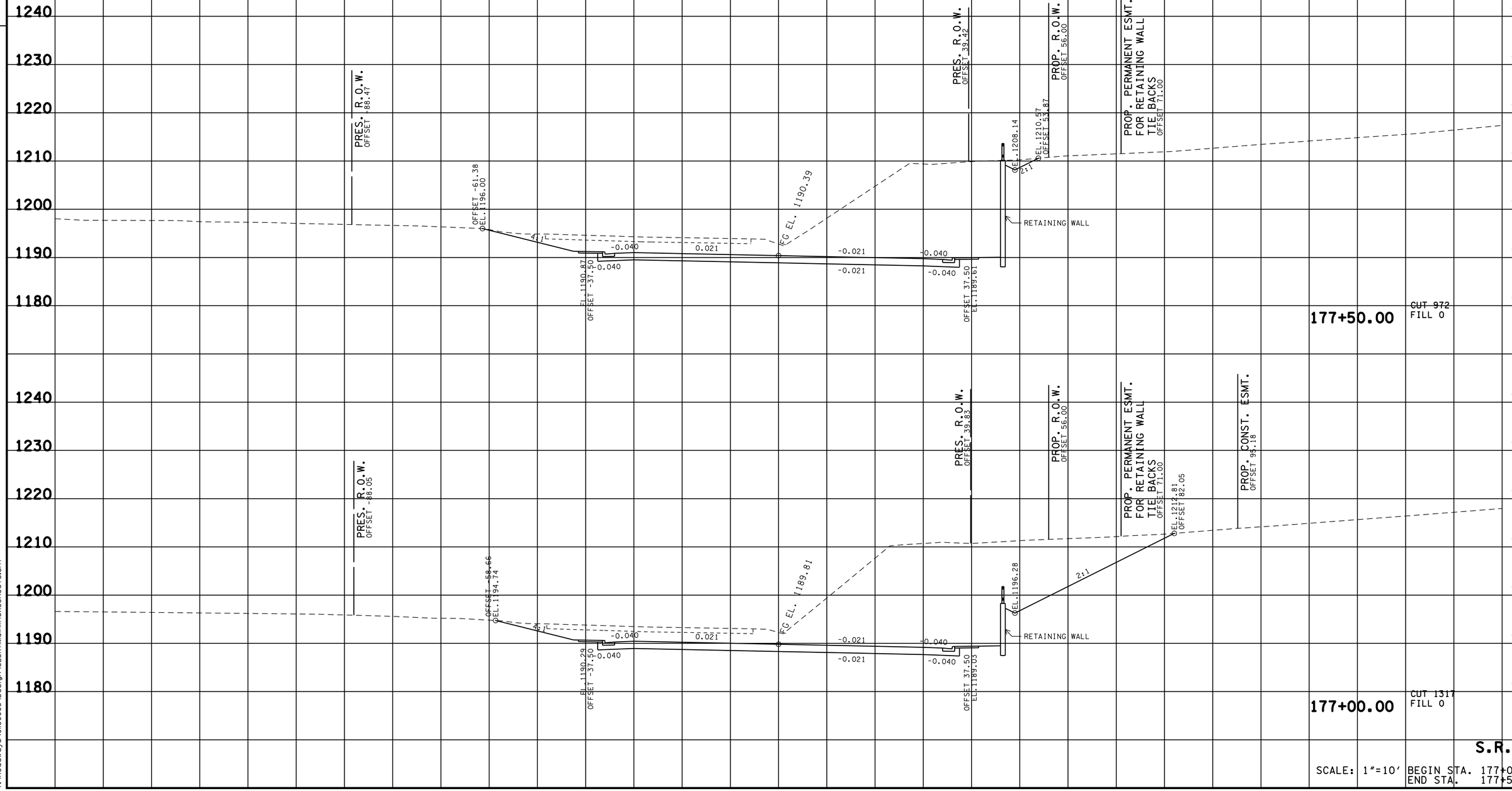
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	68

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS ON TRACT 23.



S.R. 71

SCALE: 1"=10'
BEGIN STA. 177+00.00
END STA. 177+50.00

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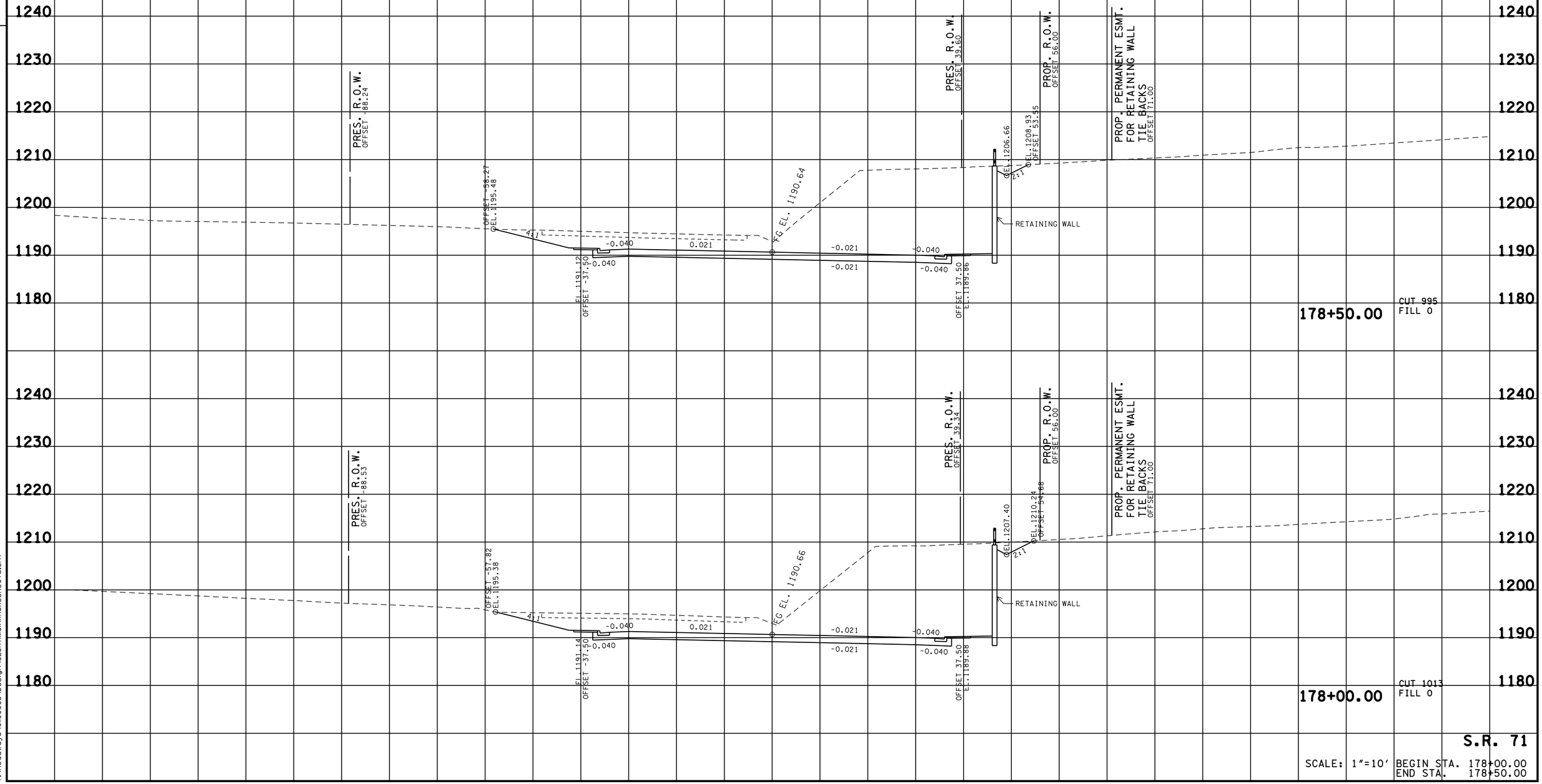
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	69

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS ON TRACT 23.



S.R. 71

SCALE: 1"=10' BEGIN STA. 178+00.00
END STA. 178+50.00

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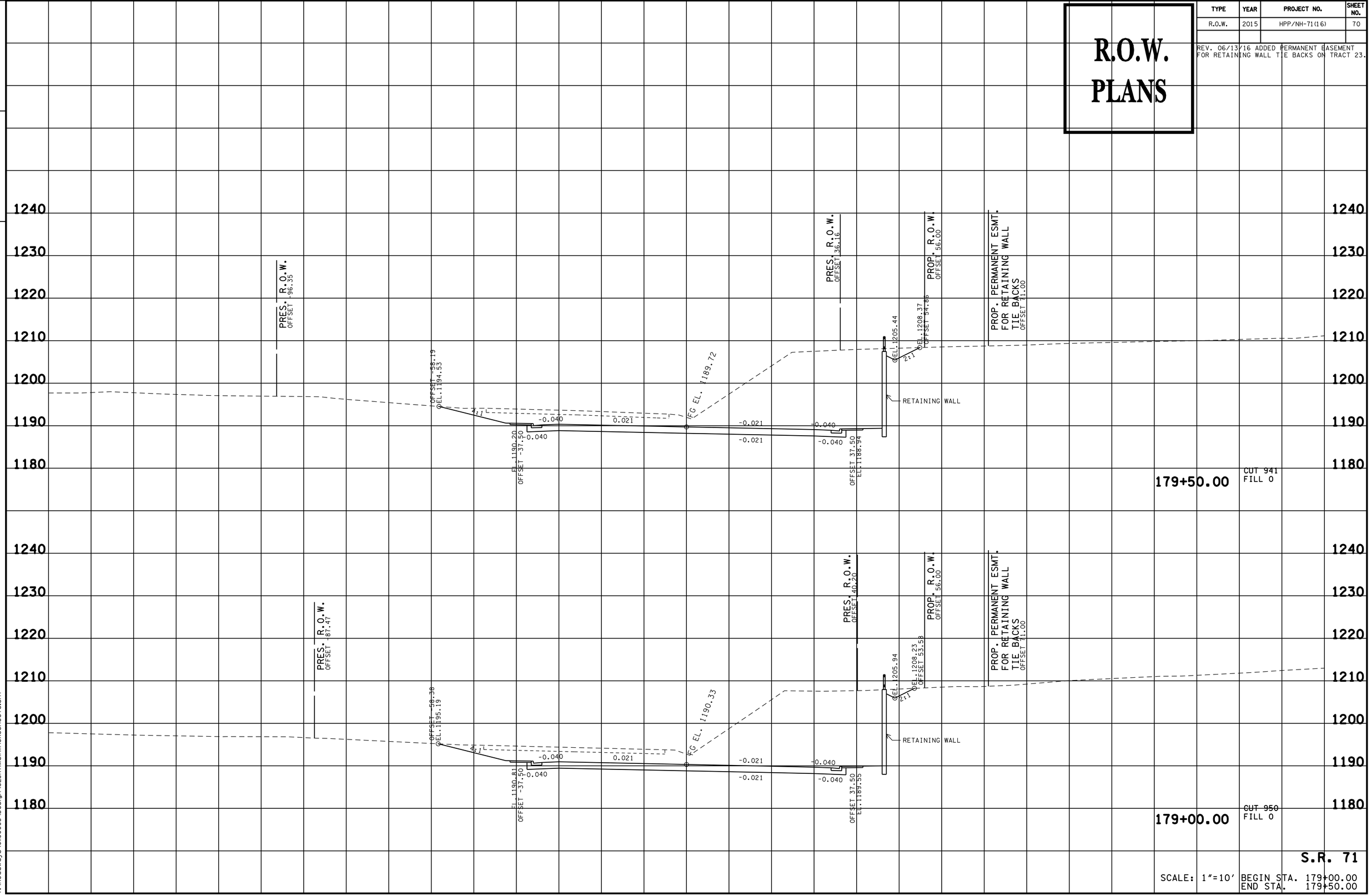
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	70

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS ON TRACT 23.



S.R. 71

SCALE: 1"=10' BEGIN STA. 179+00.00
END STA. 179+50.00

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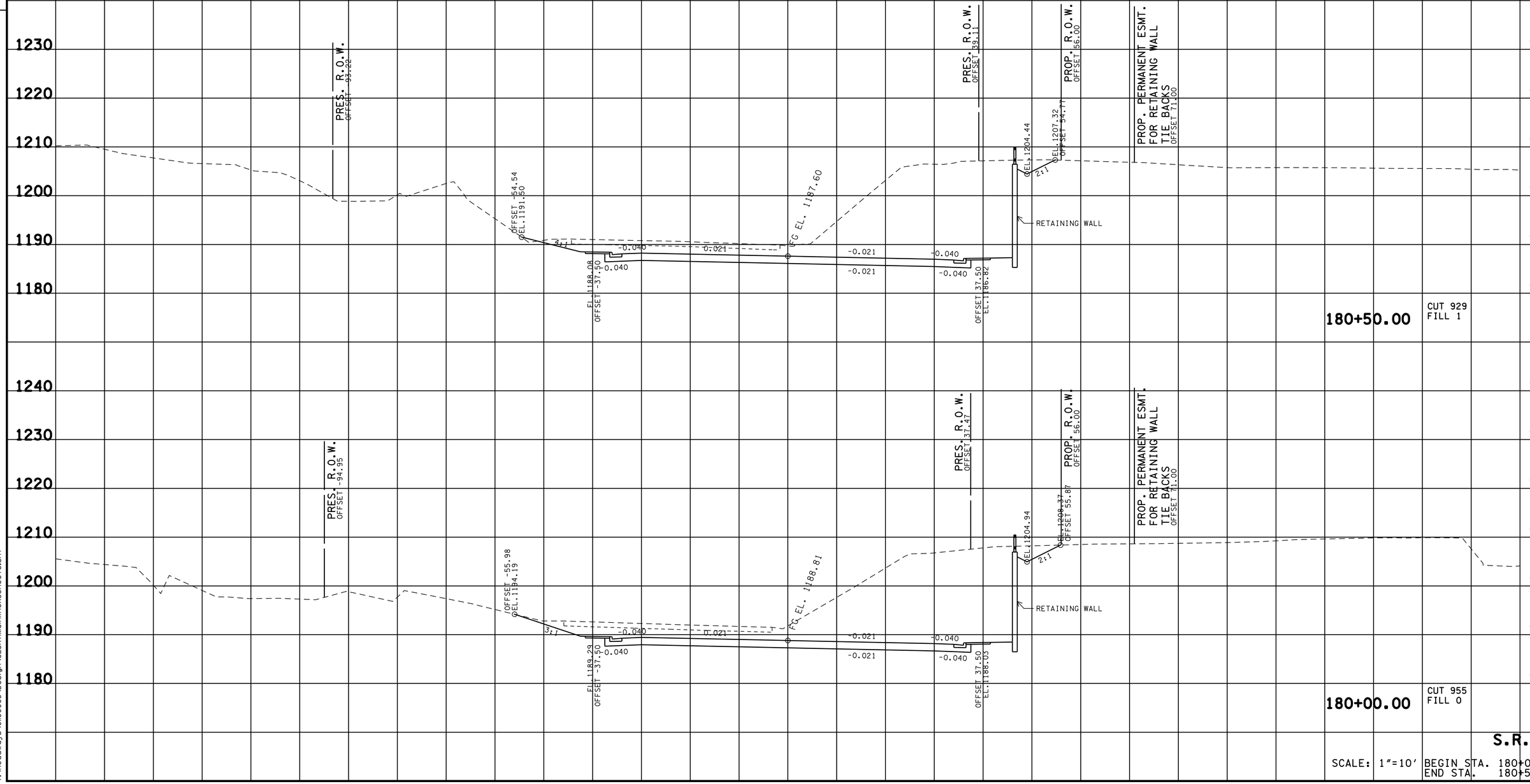
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	71

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS ON TRACT 23.



180+50.00 CUT 929 FILL 1

180+00.00 CUT 955 FILL 0

S.R. 71

SCALE: 1"=10'

BEGIN STA. 180+00.00
END STA. 180+50.00

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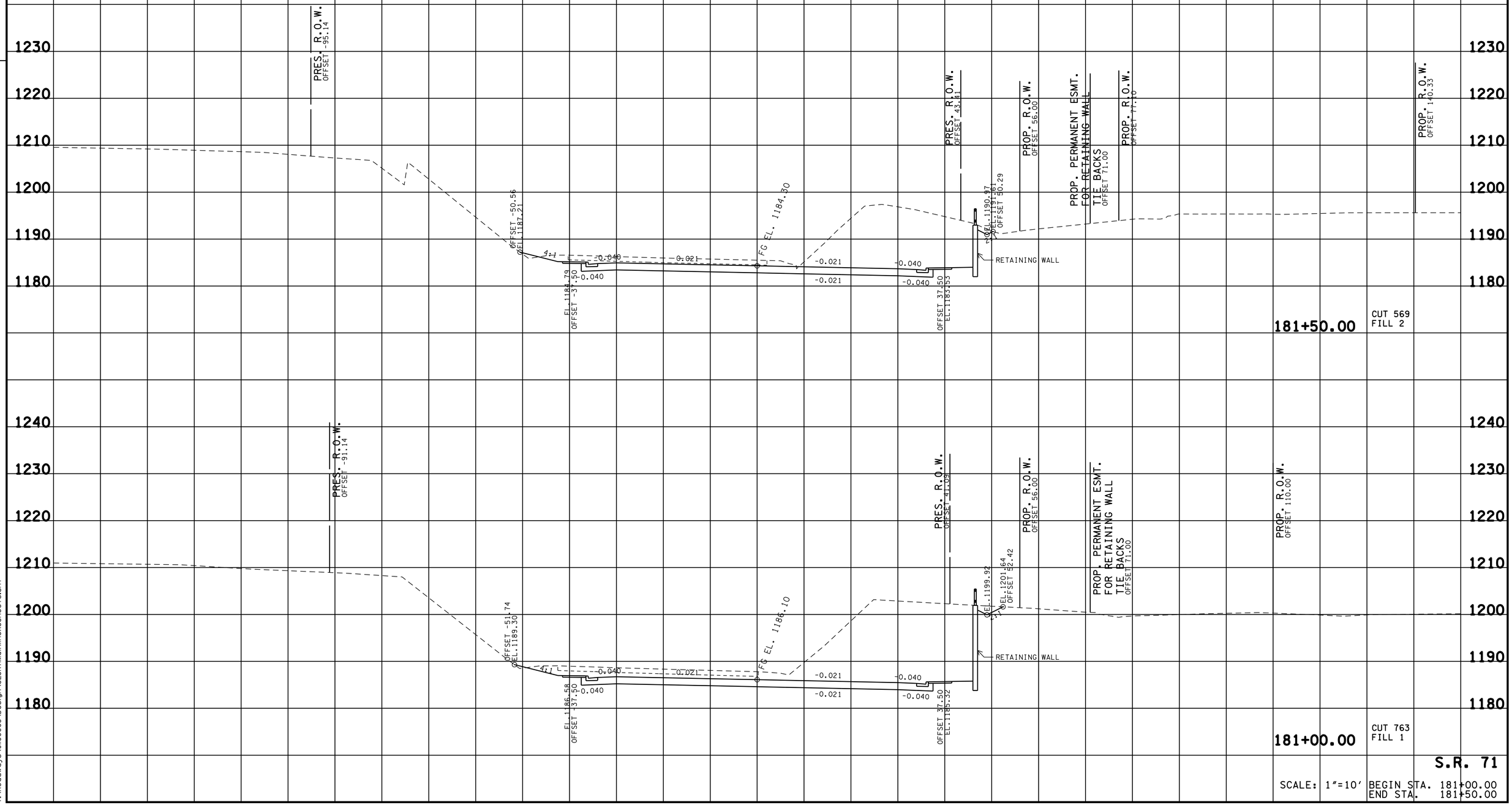
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	72

REV. 06/13/16 ADDED PERMANENT EASEMENT FOR RETAINING WALL TIE BACKS ON TRACT 23.



181+50.00 CUT 569 FILL 2

181+00.00 CUT 763 FILL 1

S.R. 71

SCALE: 1"=10' BEGIN STA. 181+00.00 END STA. 181+50.00

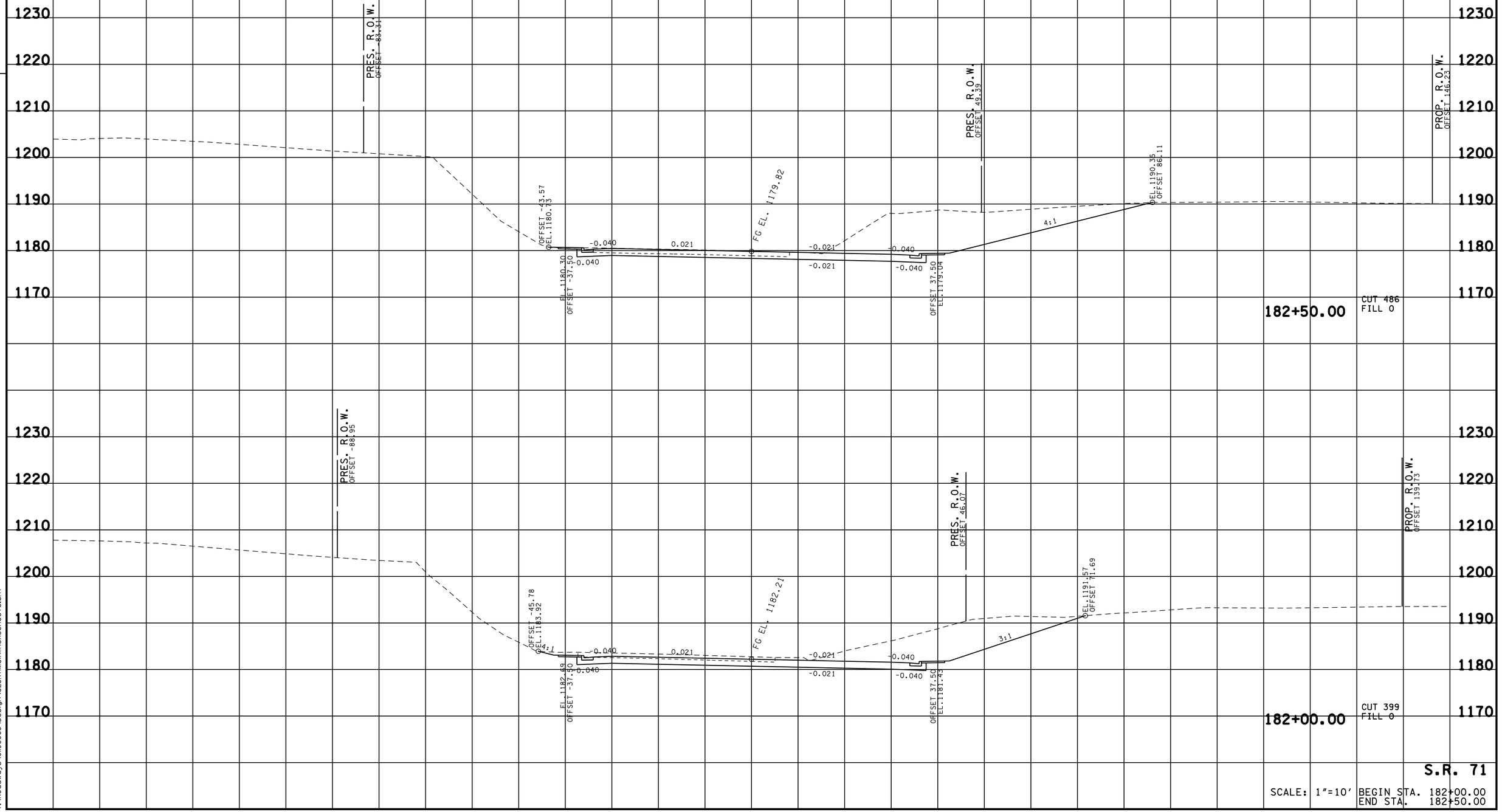
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	73



S.R. 71

SCALE: 1"=10' BEGIN STA. 182+00.00
END STA. 182+50.00

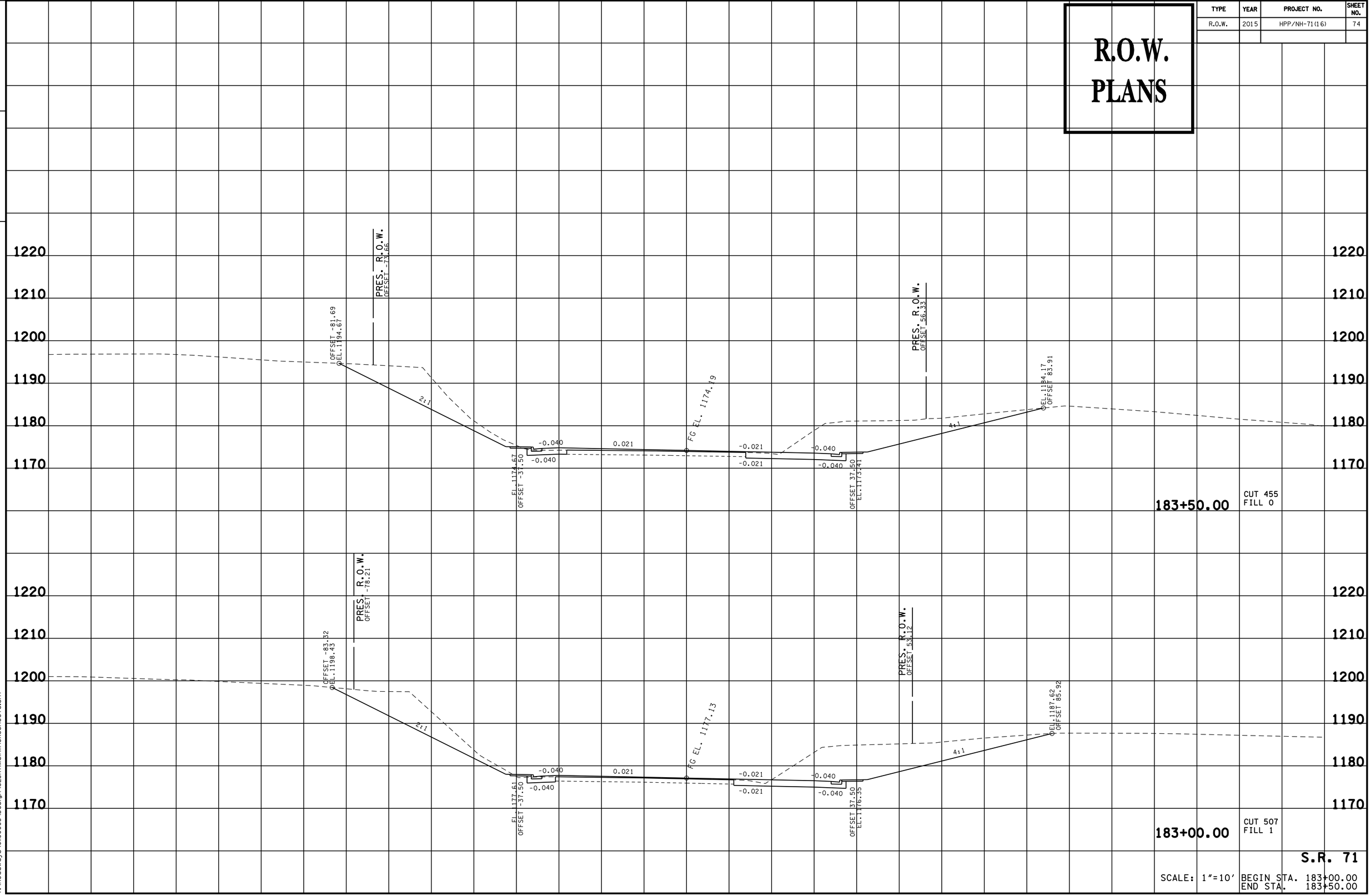
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	74

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 183+00.00
END STA. 183+50.00

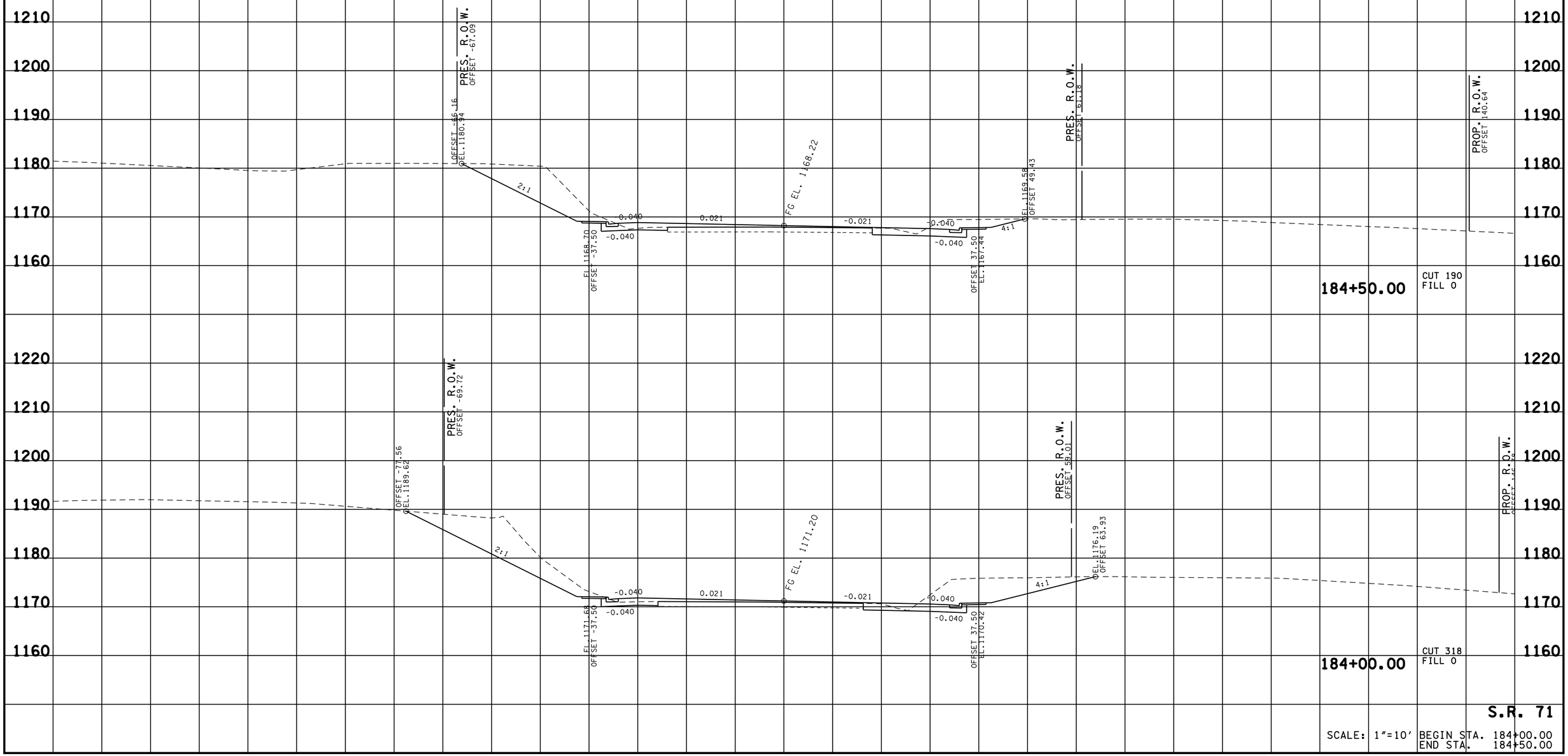
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	75

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'
BEGIN STA. 184+00.00
END STA. 184+50.00

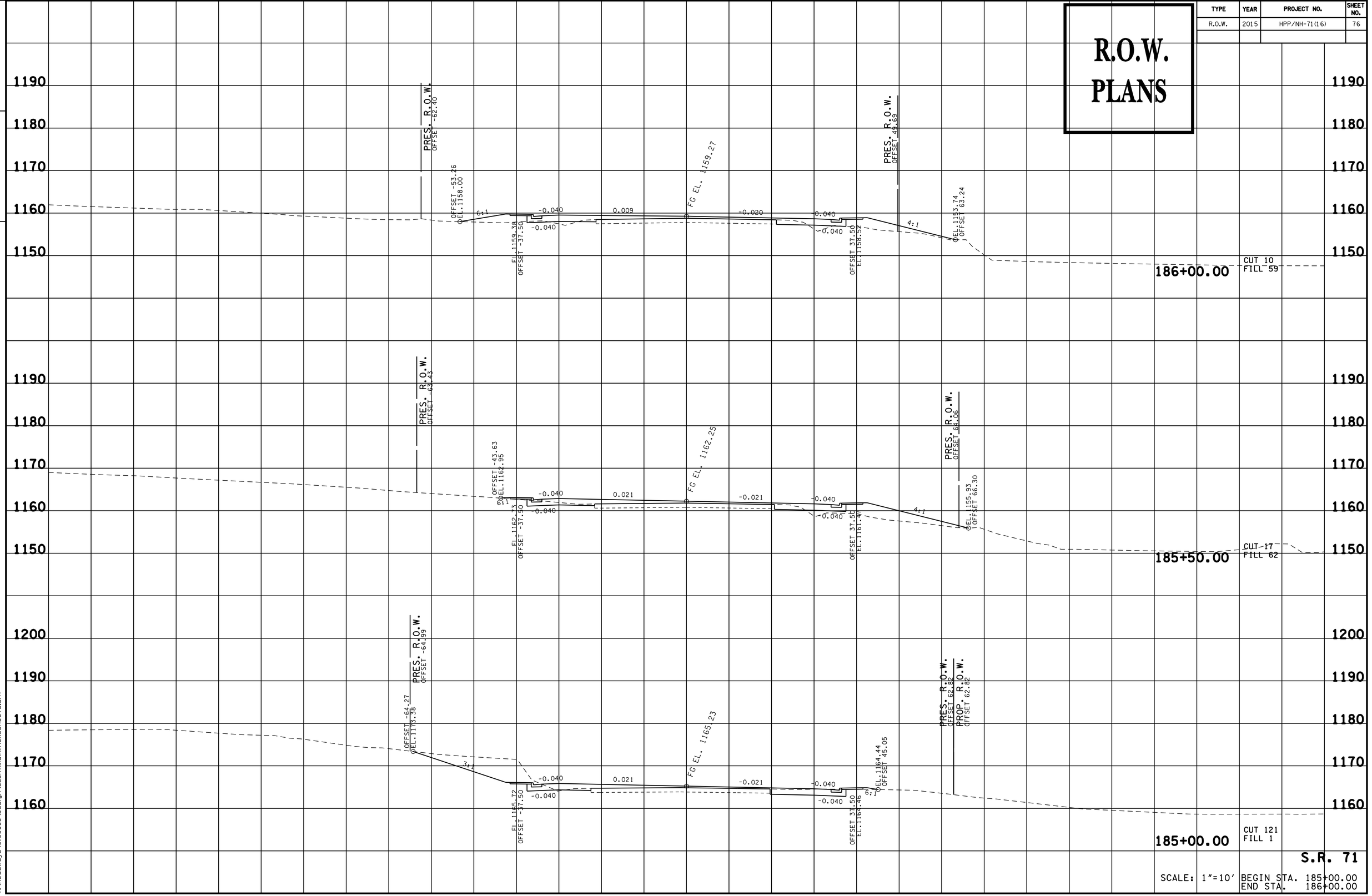
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	76



S.R. 71

SCALE: 1"=10' BEGIN STA. 185+00.00
END STA. 186+00.00

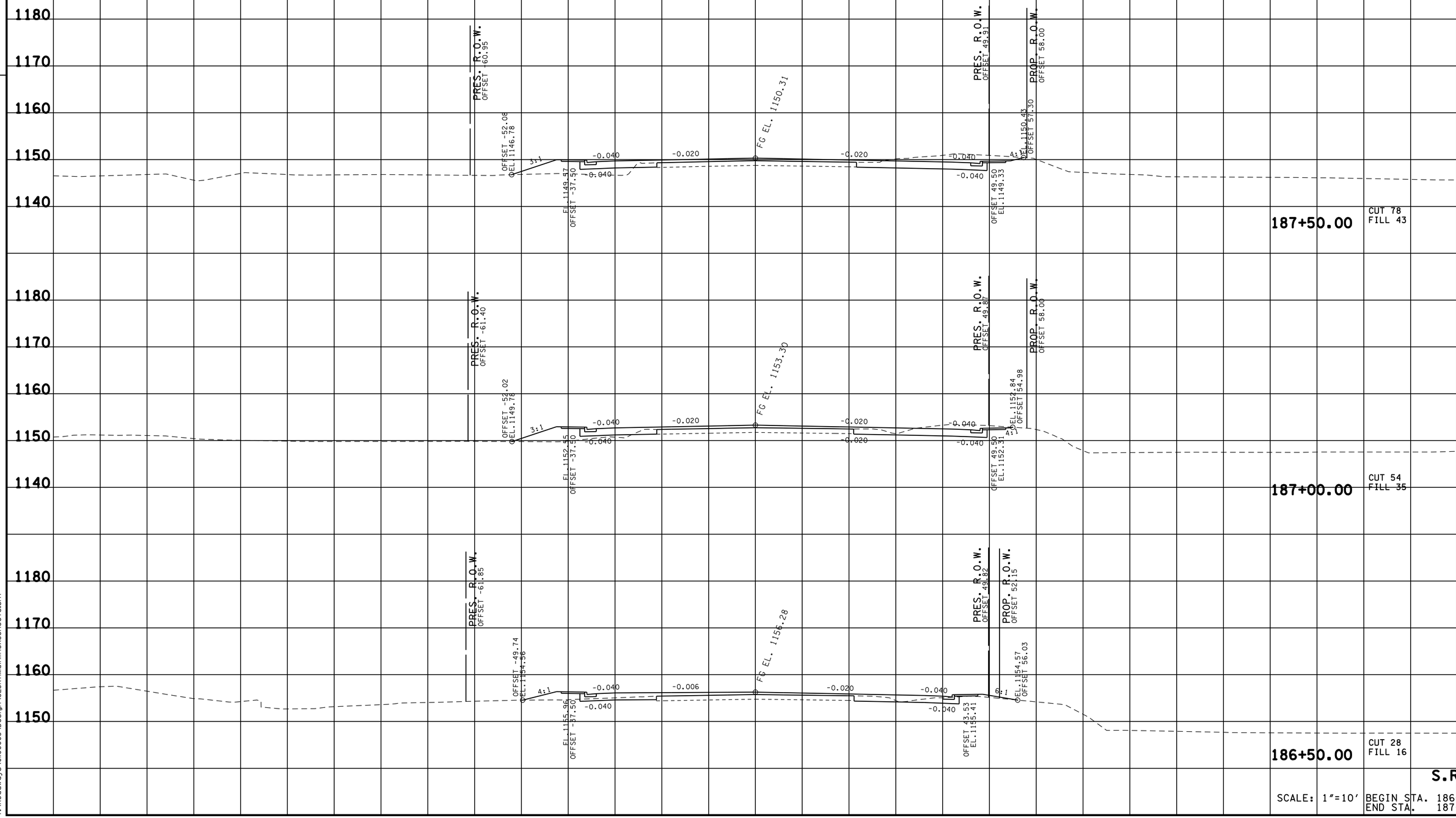
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	77



S.R. 71

SCALE: 1"=10' BEGIN STA. 186+50.00
END STA. 187+50.00

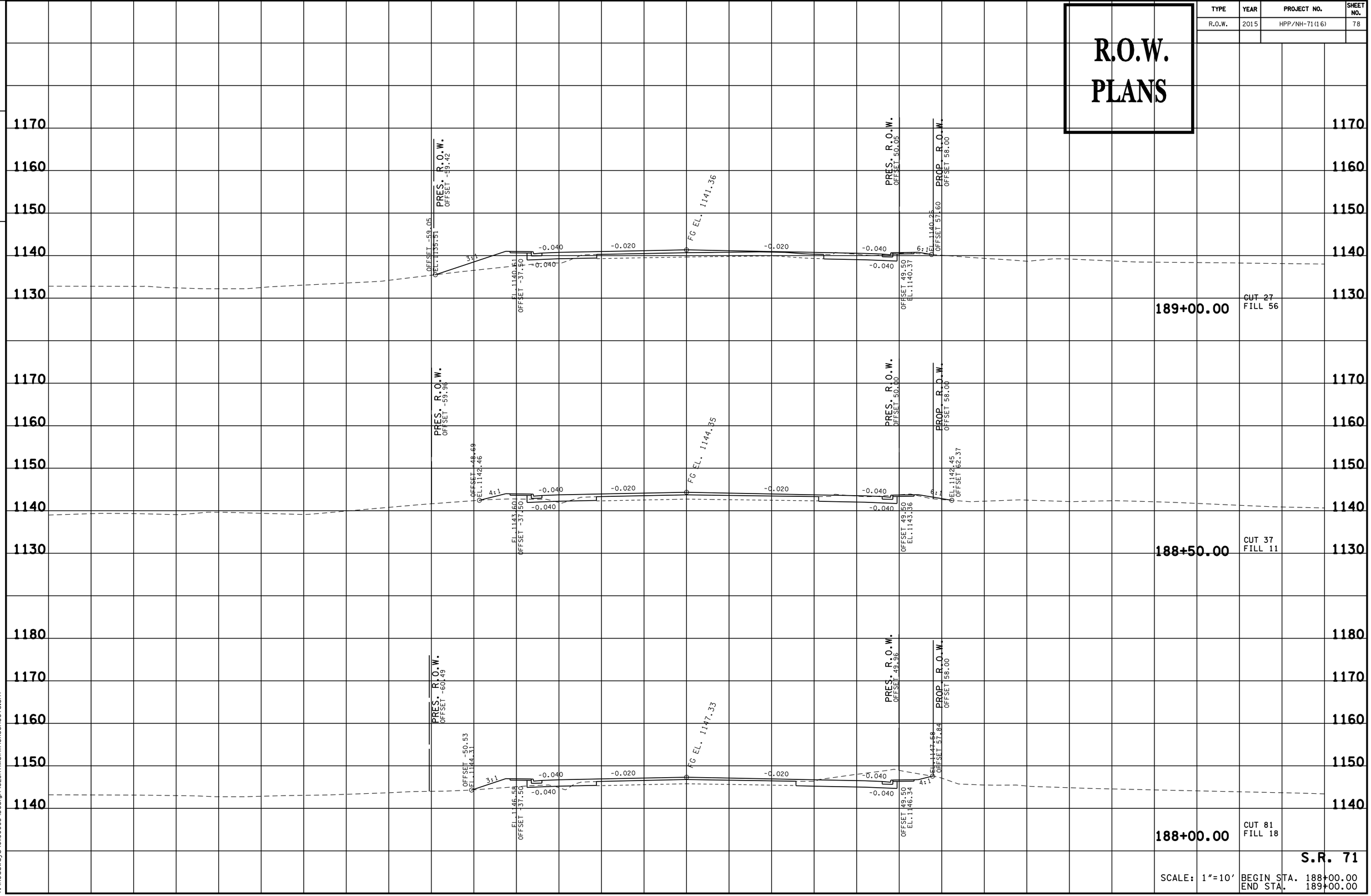
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	78



S.R. 71

SCALE: 1"=10'

BEGIN STA. 188+00.00
END STA. 189+00.00

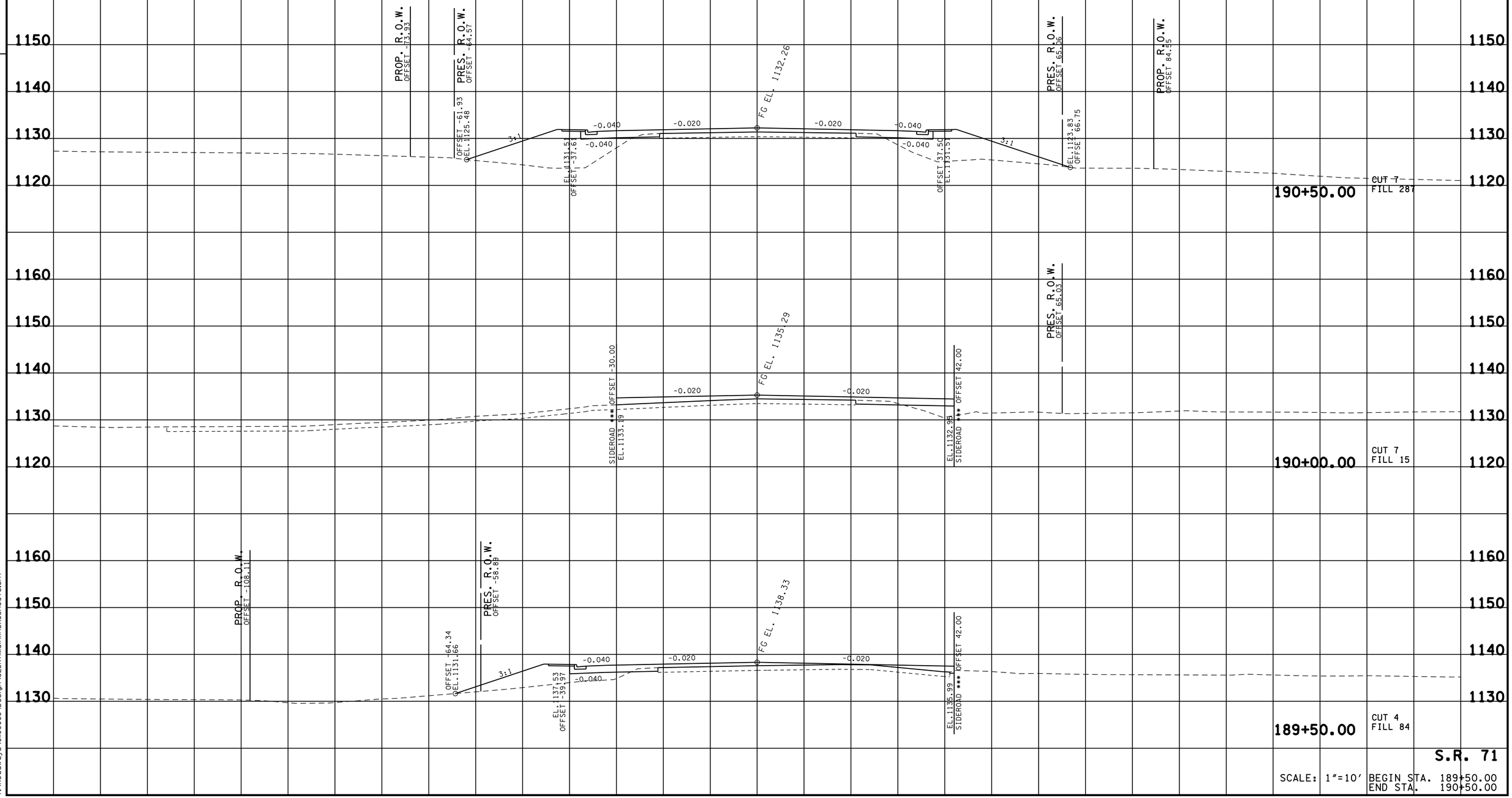
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	79



S.R. 71

SCALE: 1"=10' BEGIN STA. 189+50.00
END STA. 190+50.00

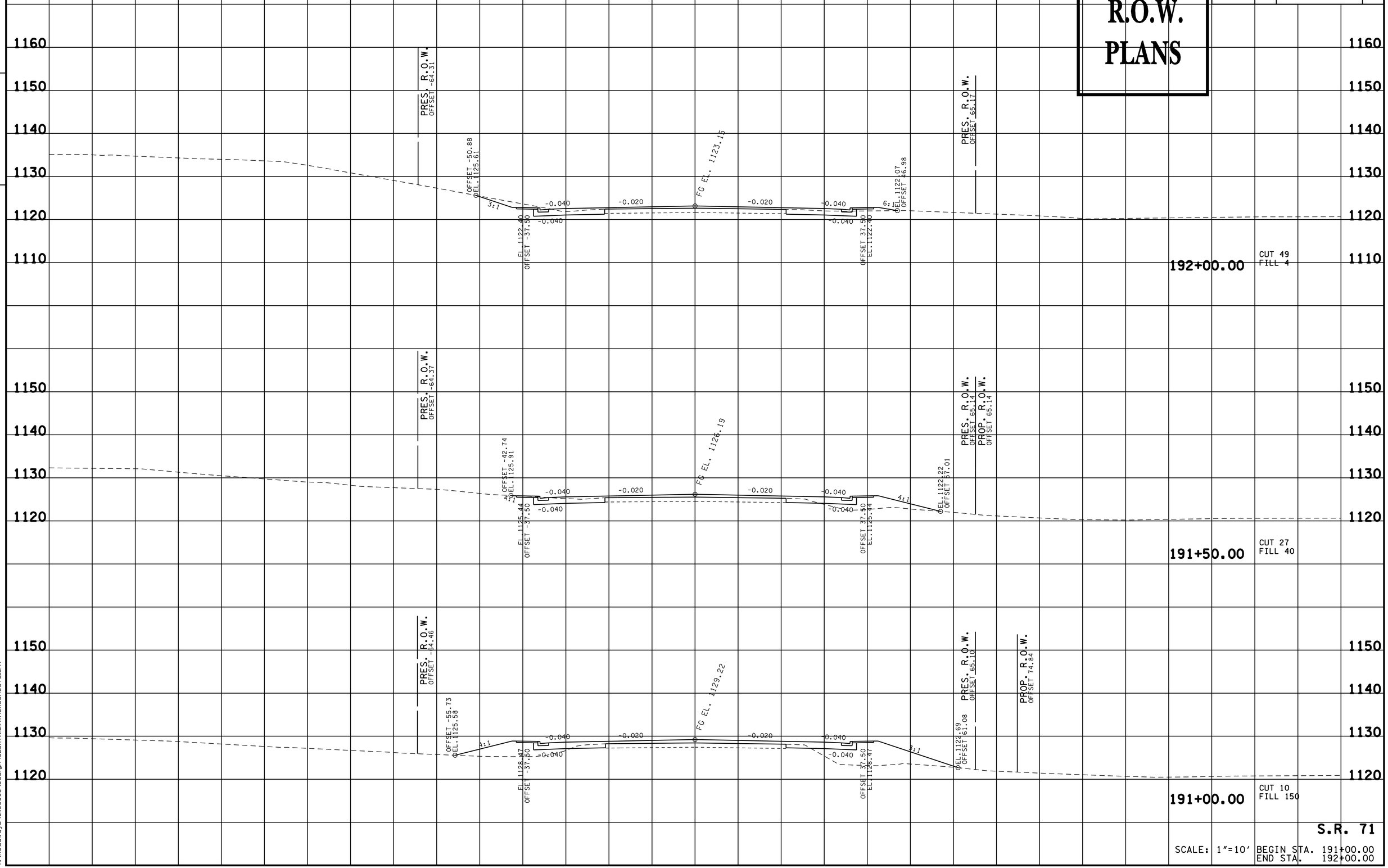
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FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	80



S.R. 71

SCALE: 1"=10' BEGIN STA. 191+00.00
END STA. 192+00.00

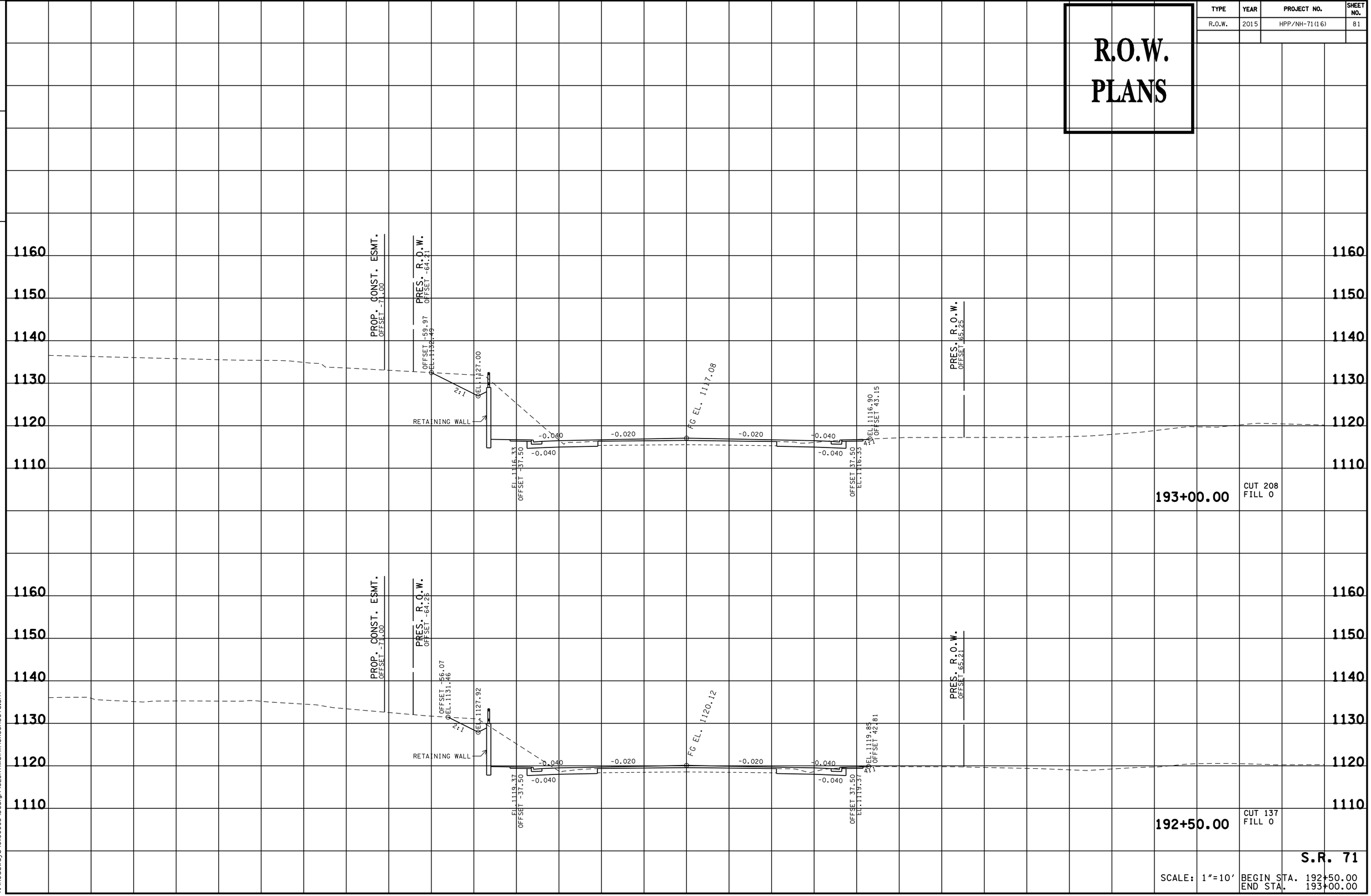
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	81

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 192+50.00
END STA. 193+00.00

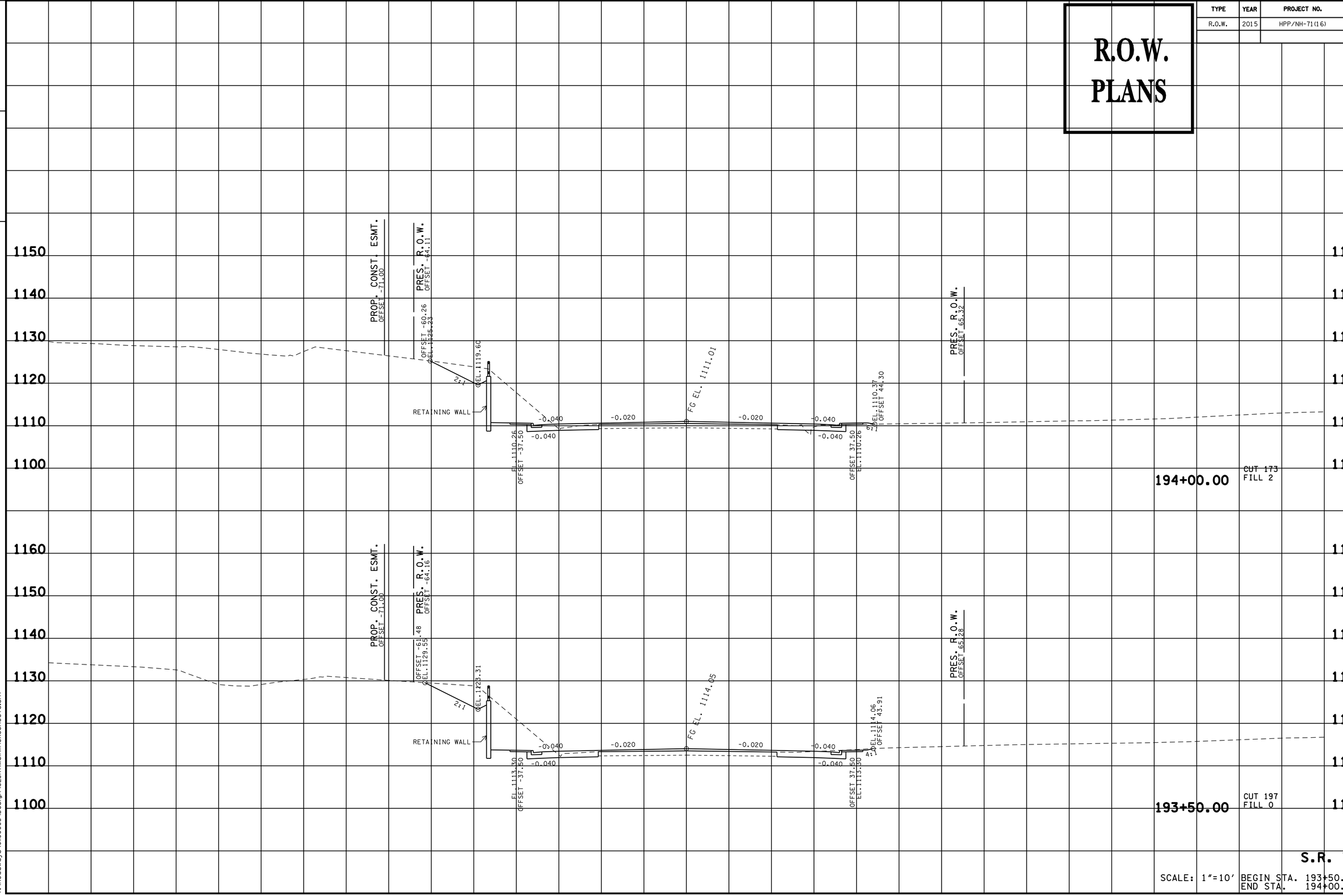
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	82

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 193+50.00
END STA. 194+00.00

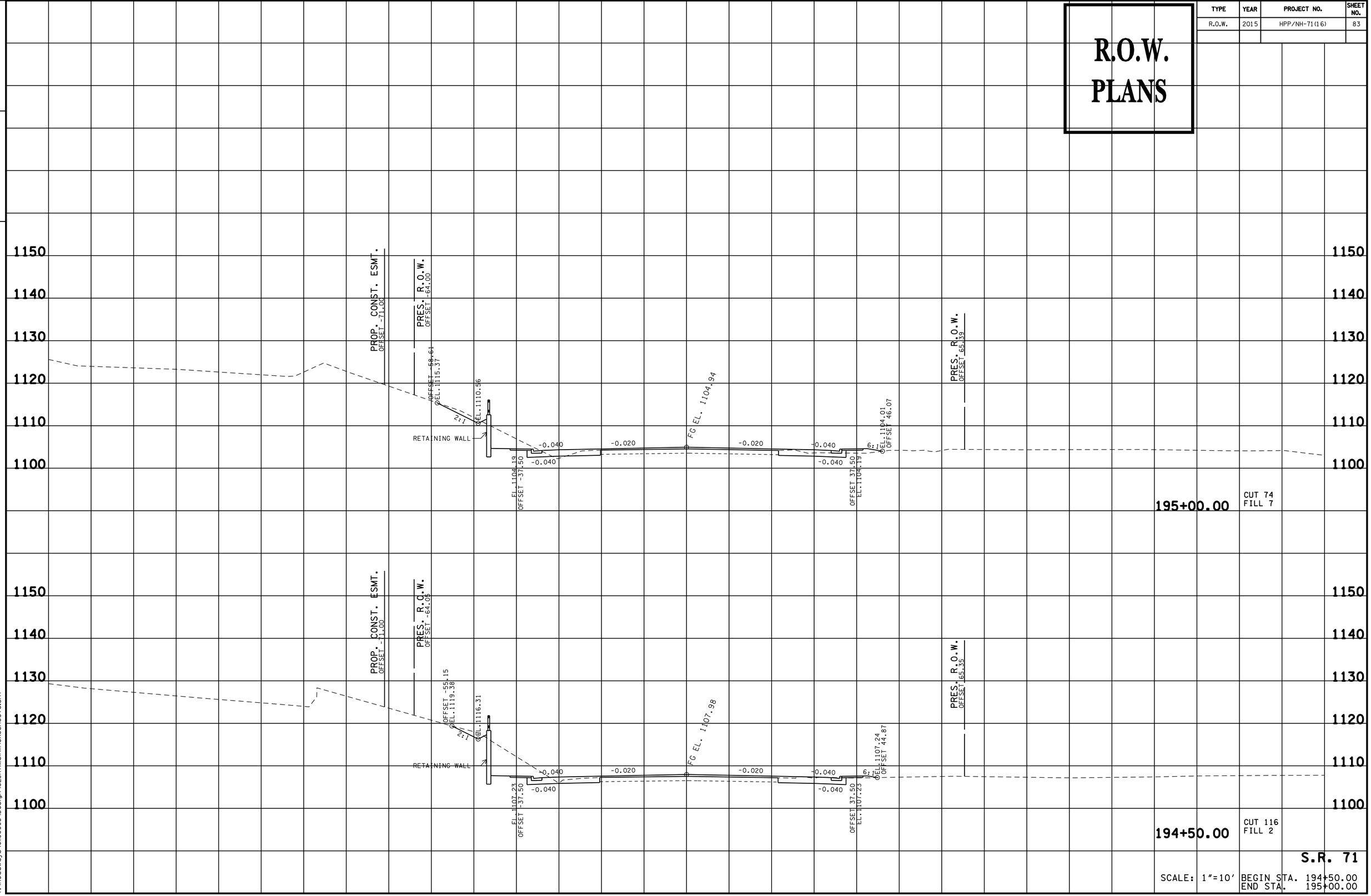
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	83

R.O.W. PLANS



S.R. 71

SCALE: 1"=10'

BEGIN STA. 194+50.00
END STA. 195+00.00

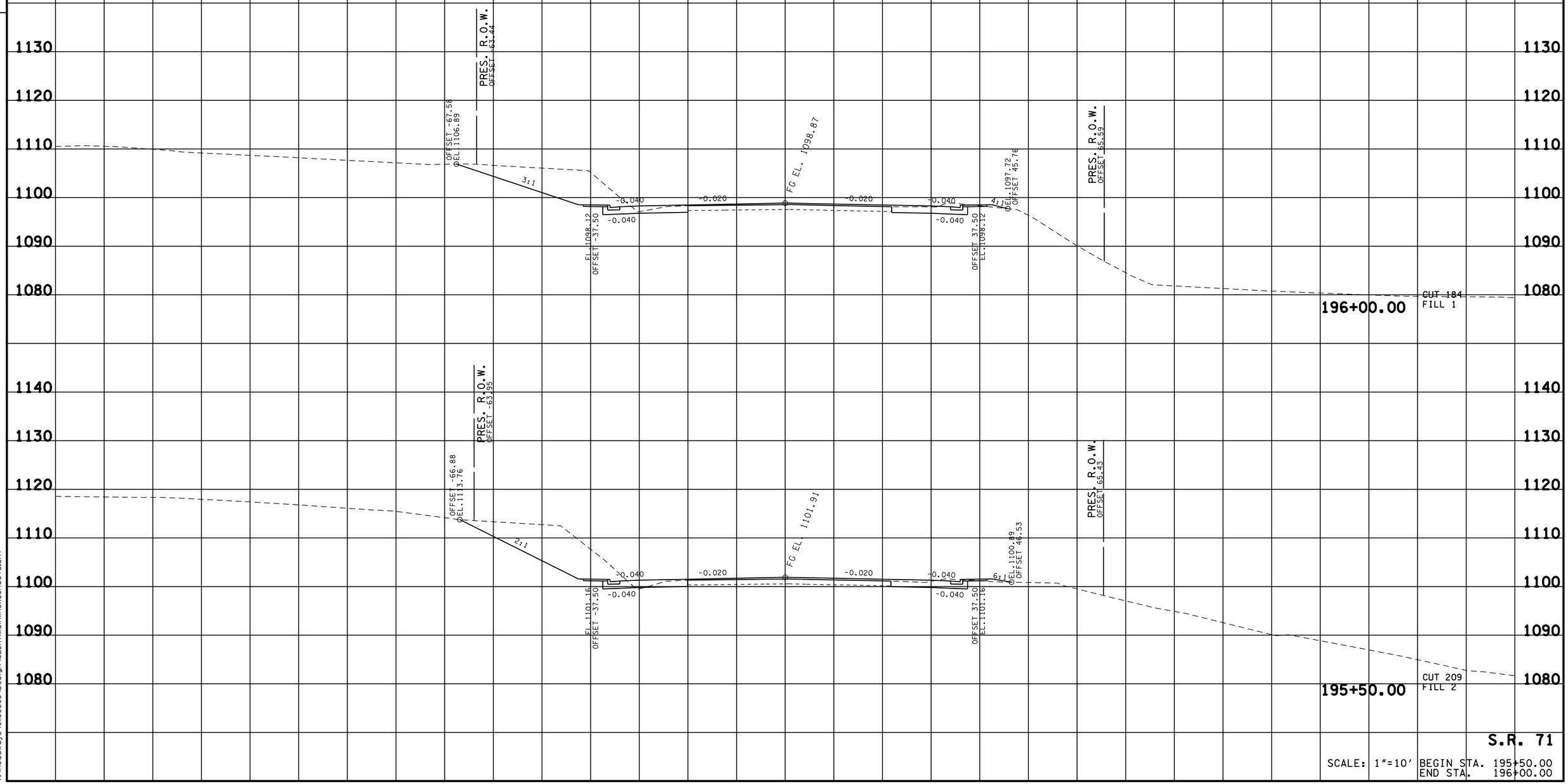
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	84

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 195+50.00
END STA. 196+00.00

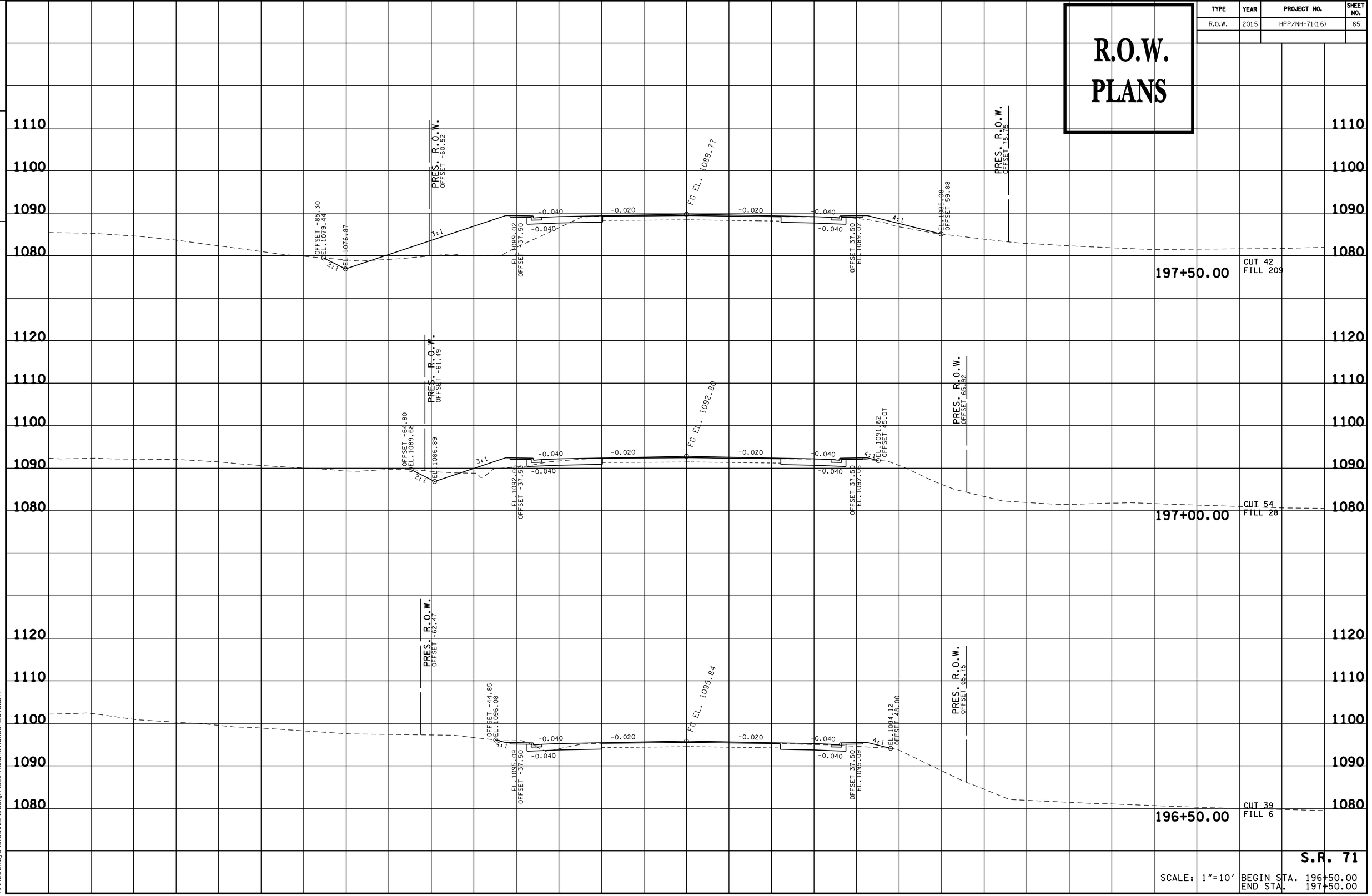
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FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	85

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 196+50.00
END STA. 197+50.00

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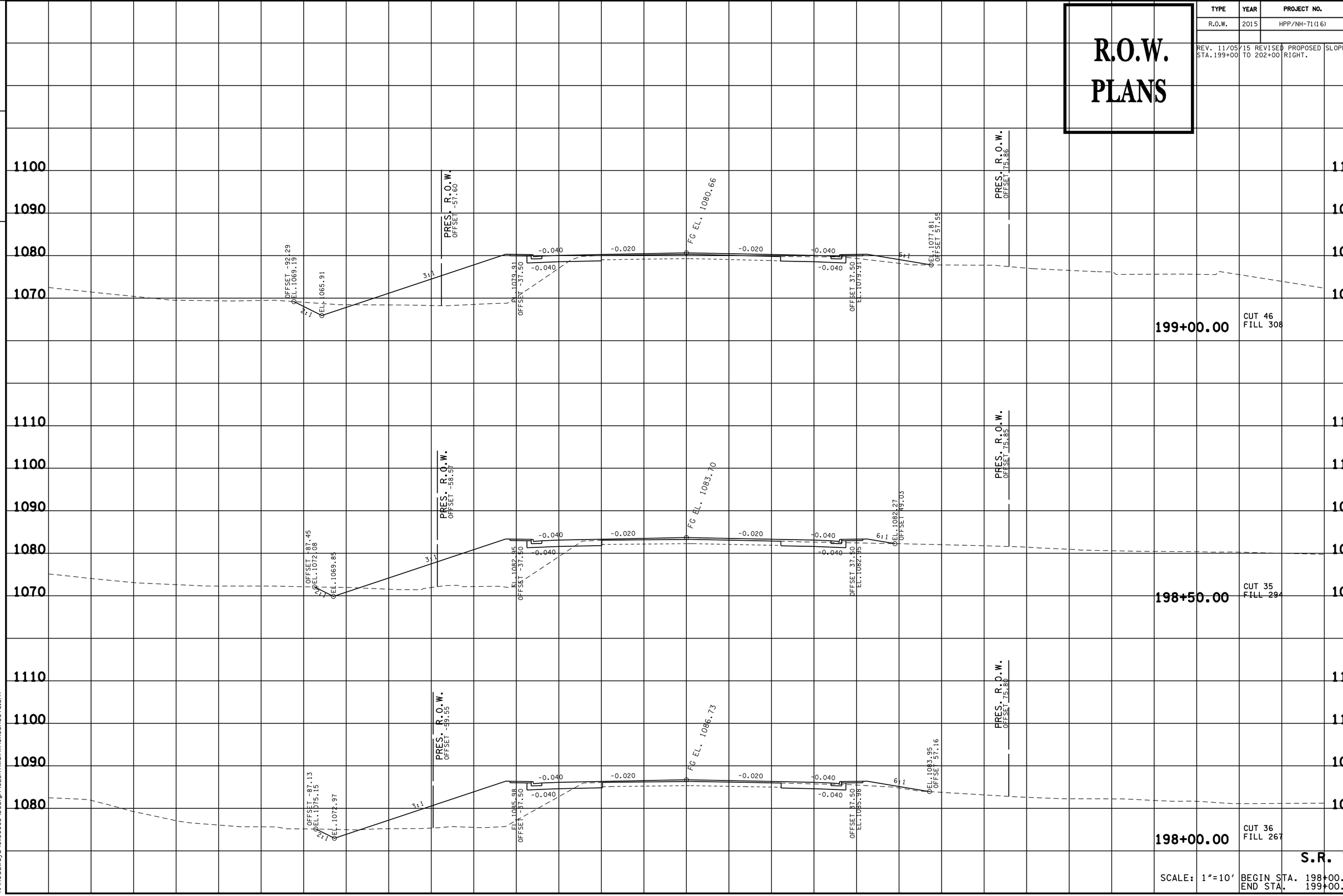
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	86

REV. 11/05/15 REVISED PROPOSED SLOPES STA.199+00 TO 202+00 RIGHT.



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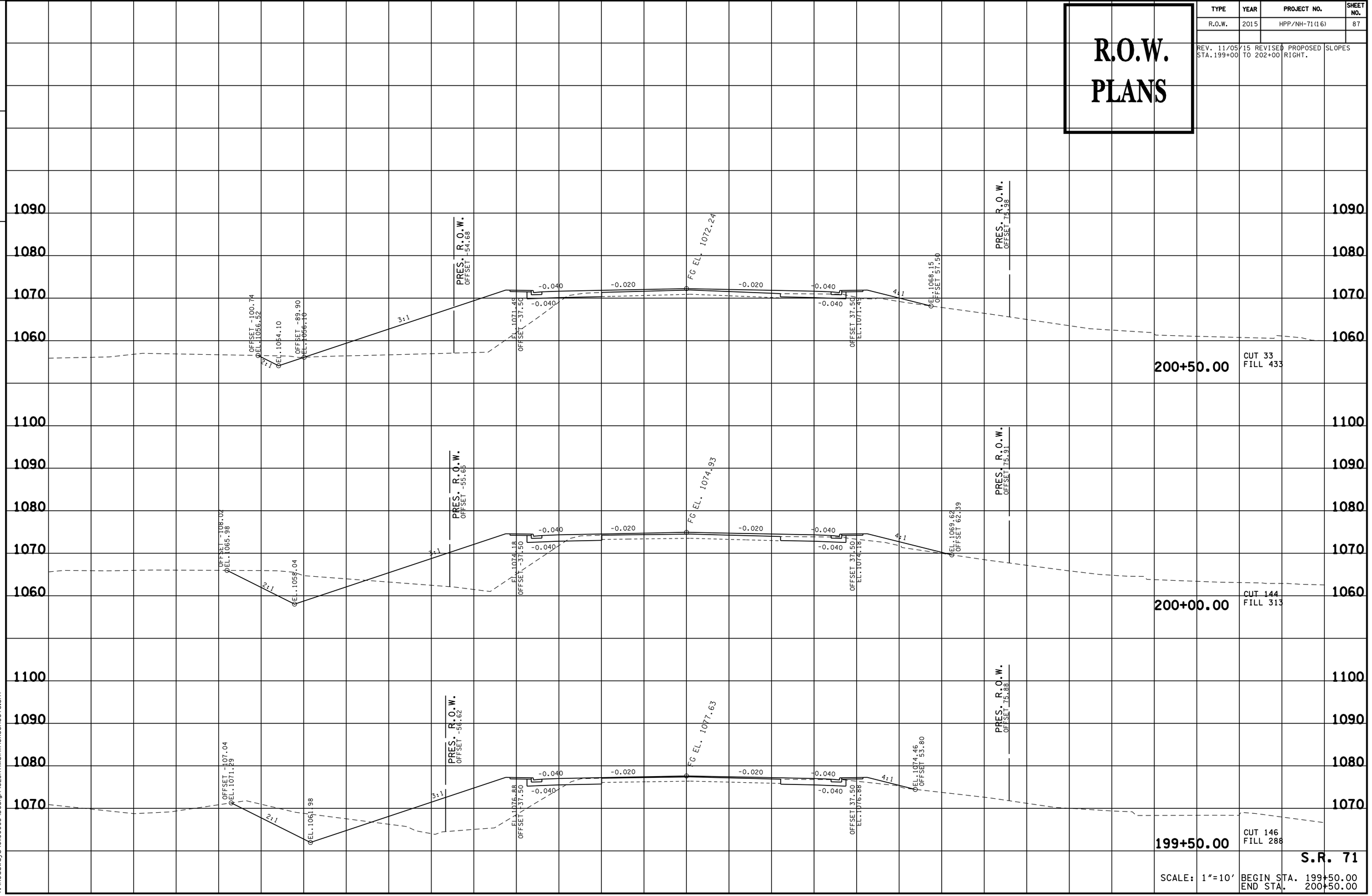
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	87

REV. 11/05/15 REVISED PROPOSED SLOPES STA.199+00 TO 202+00 RIGHT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 199+50.00
END STA. 200+50.00

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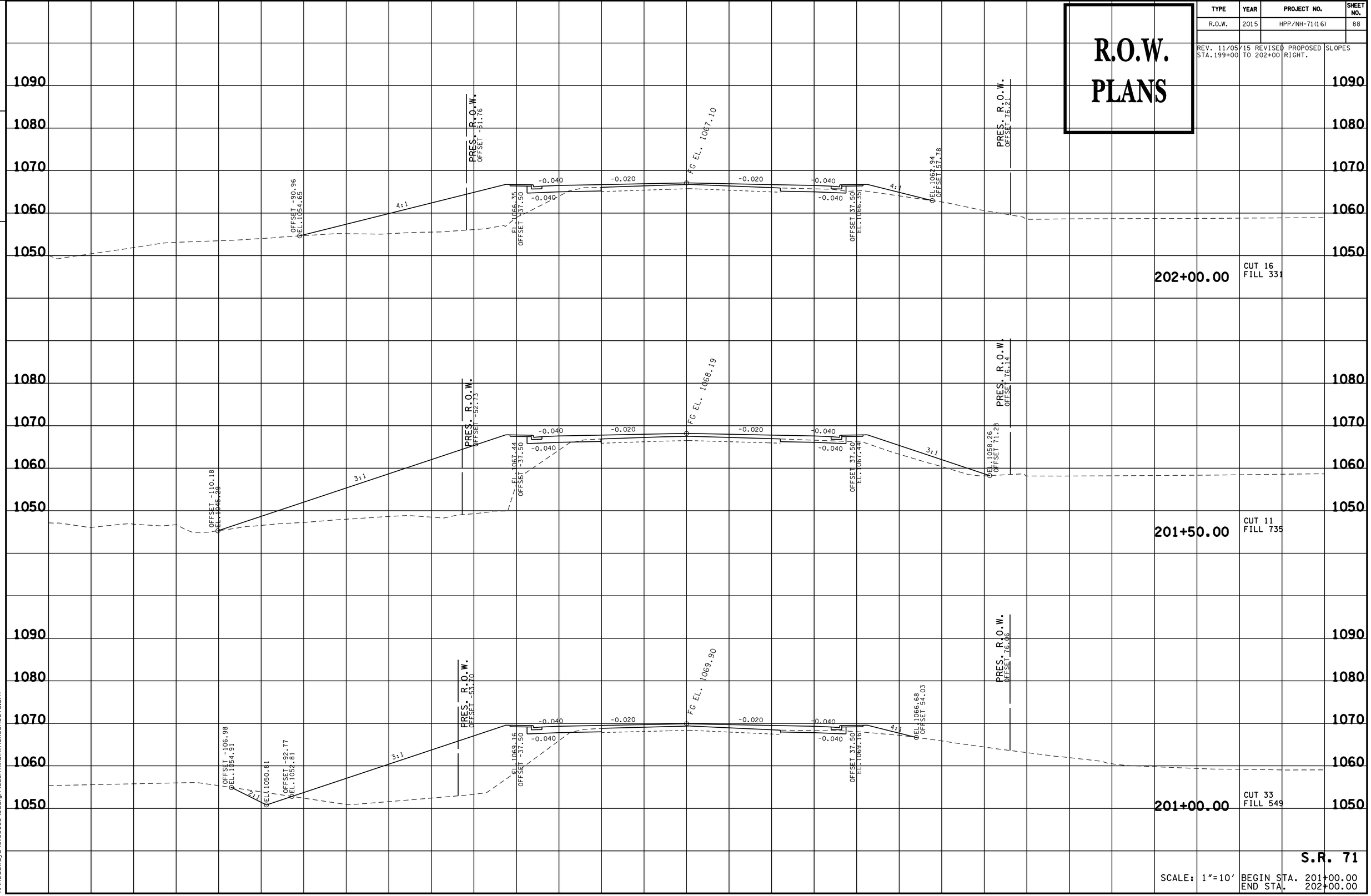
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	88

REV. 11/05/15 REVISED PROPOSED SLOPES STA.199+00 TO 202+00 RIGHT.



S.R. 71

SCALE: 1"=10' BEGIN STA. 201+00.00
END STA. 202+00.00

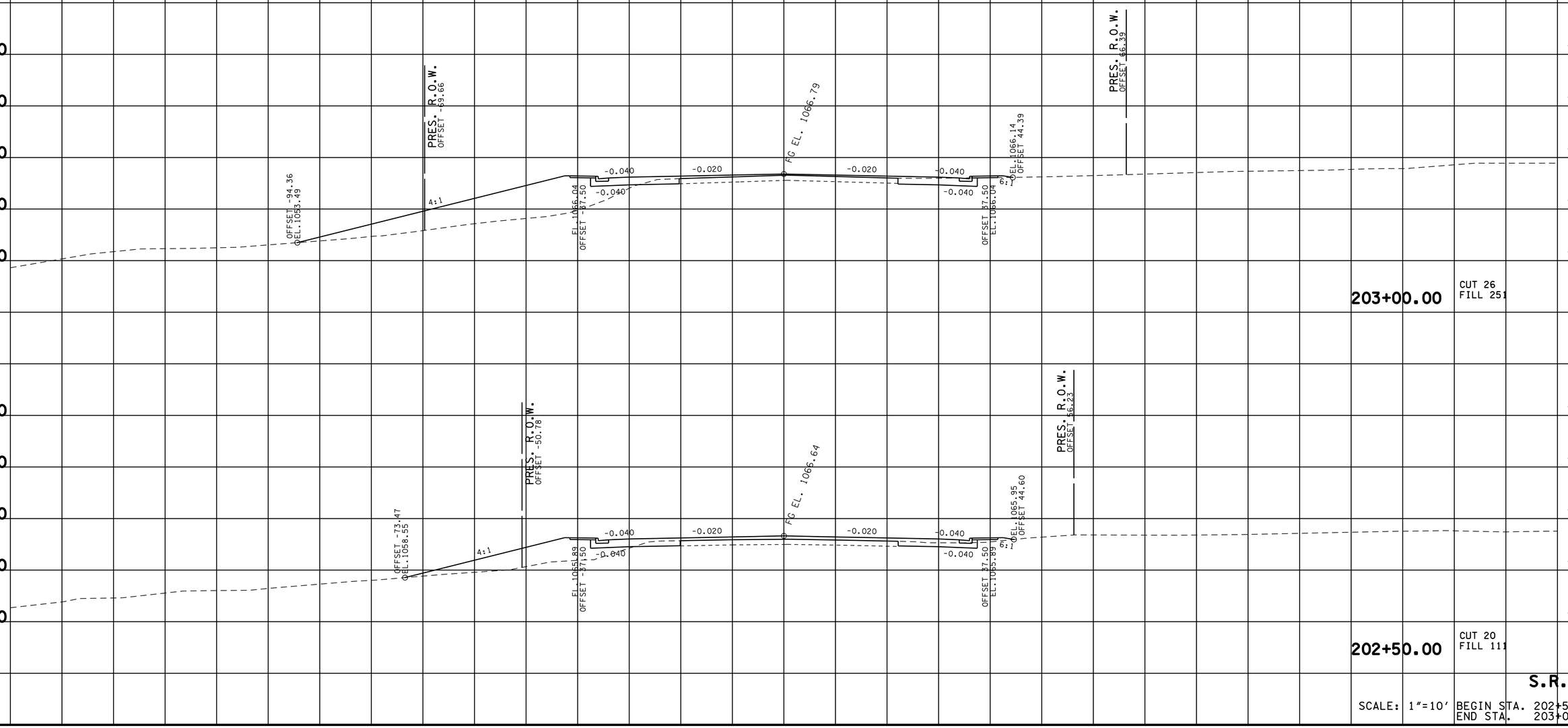
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	89

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 202+50.00
END STA. 203+00.00

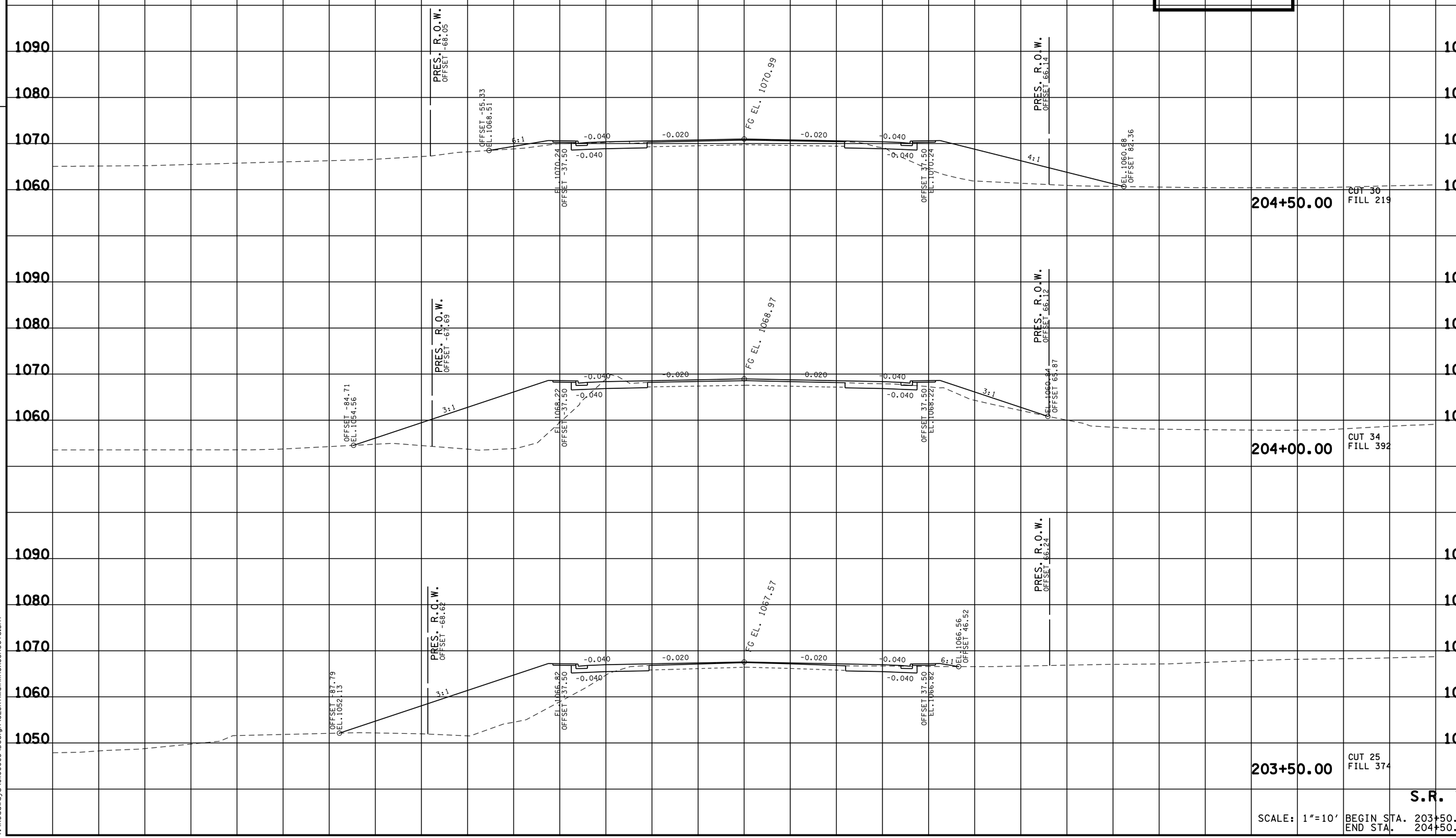
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	90



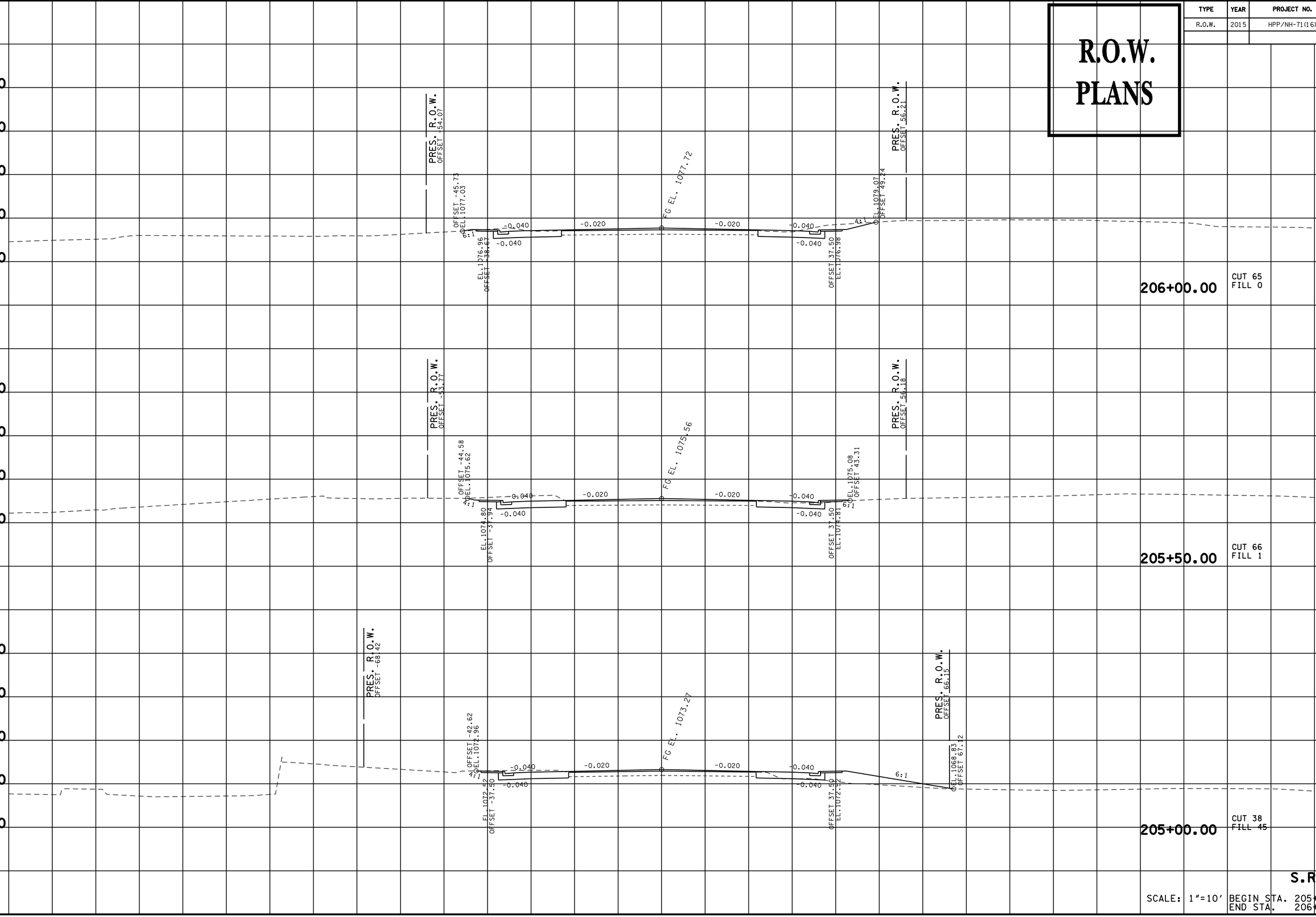
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	91

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 205+00.00
END STA. 206+00.00

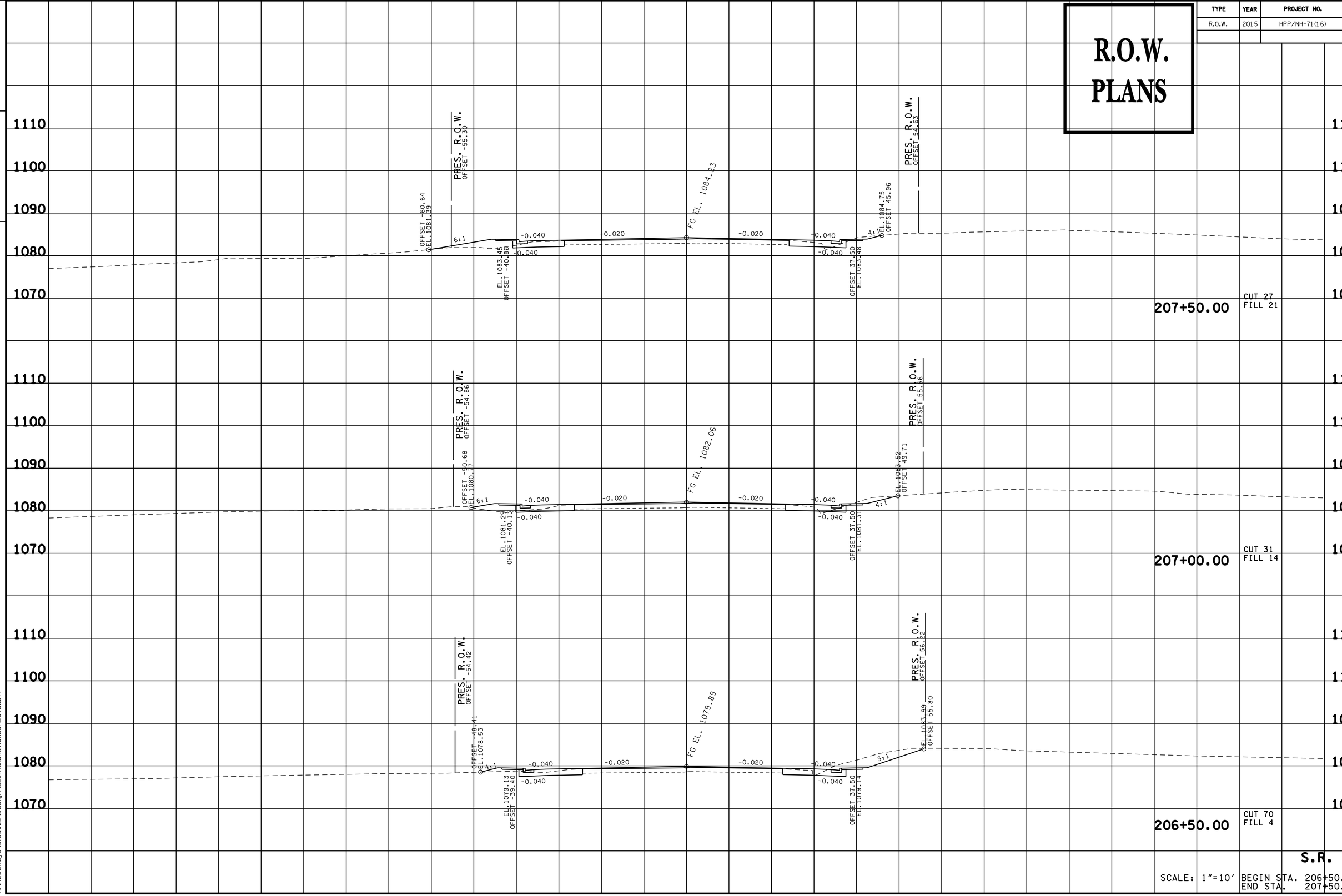
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	92

R.O.W. PLANS



S.R. 71

SCALE: 1"=10' BEGIN STA. 206+50.00
END STA. 207+50.00

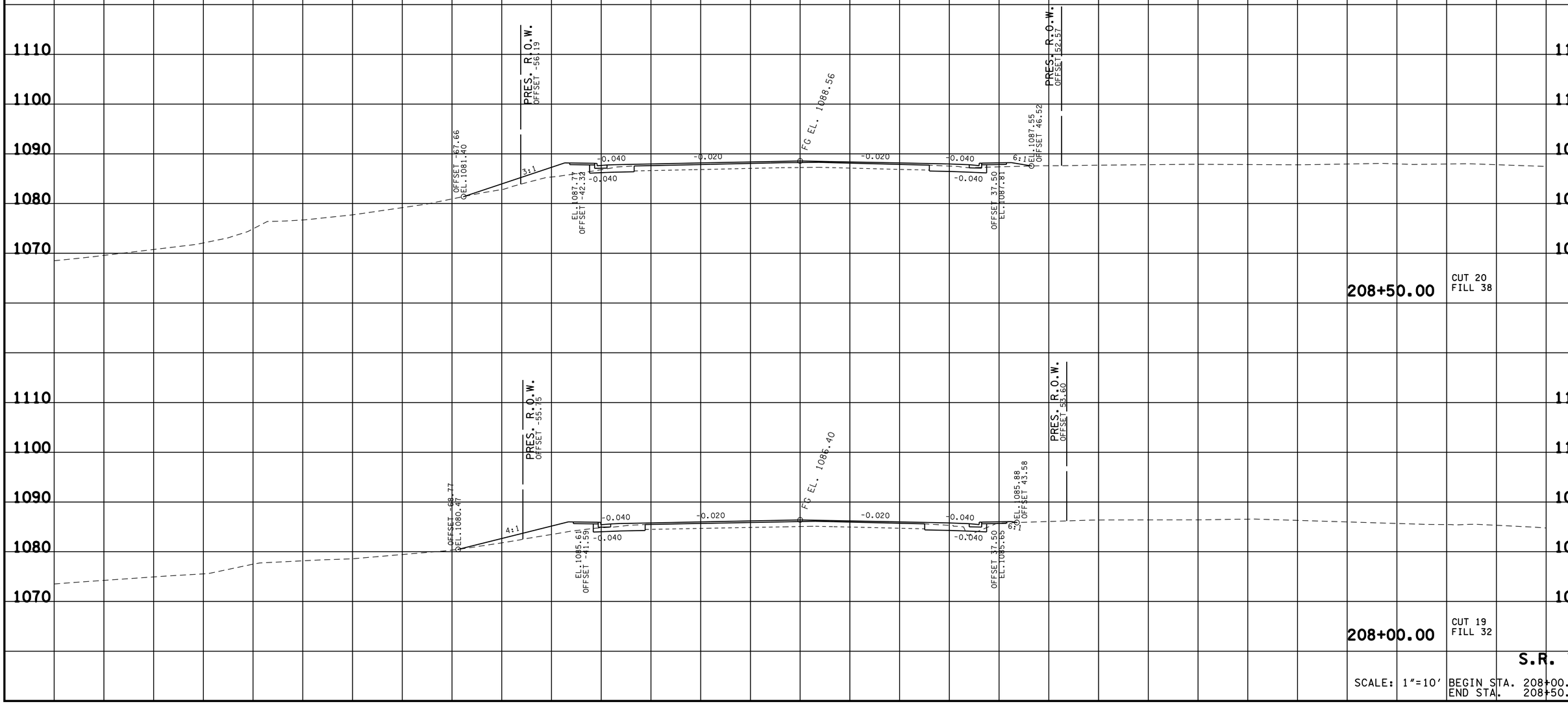
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	93

R.O.W. PLANS



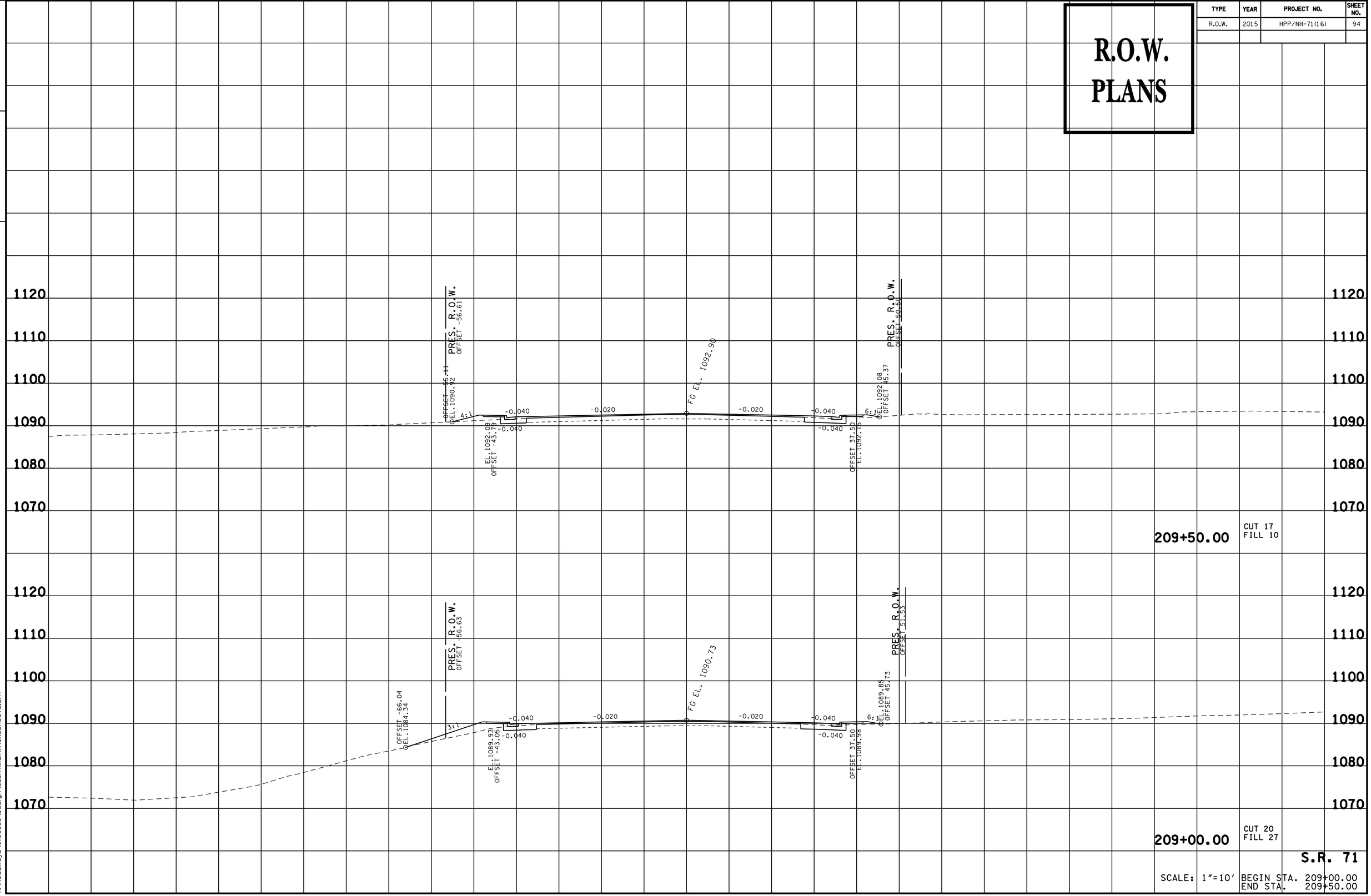
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	94



S.R. 71

SCALE: 1"=10' BEGIN STA. 209+00.00
END STA. 209+50.00

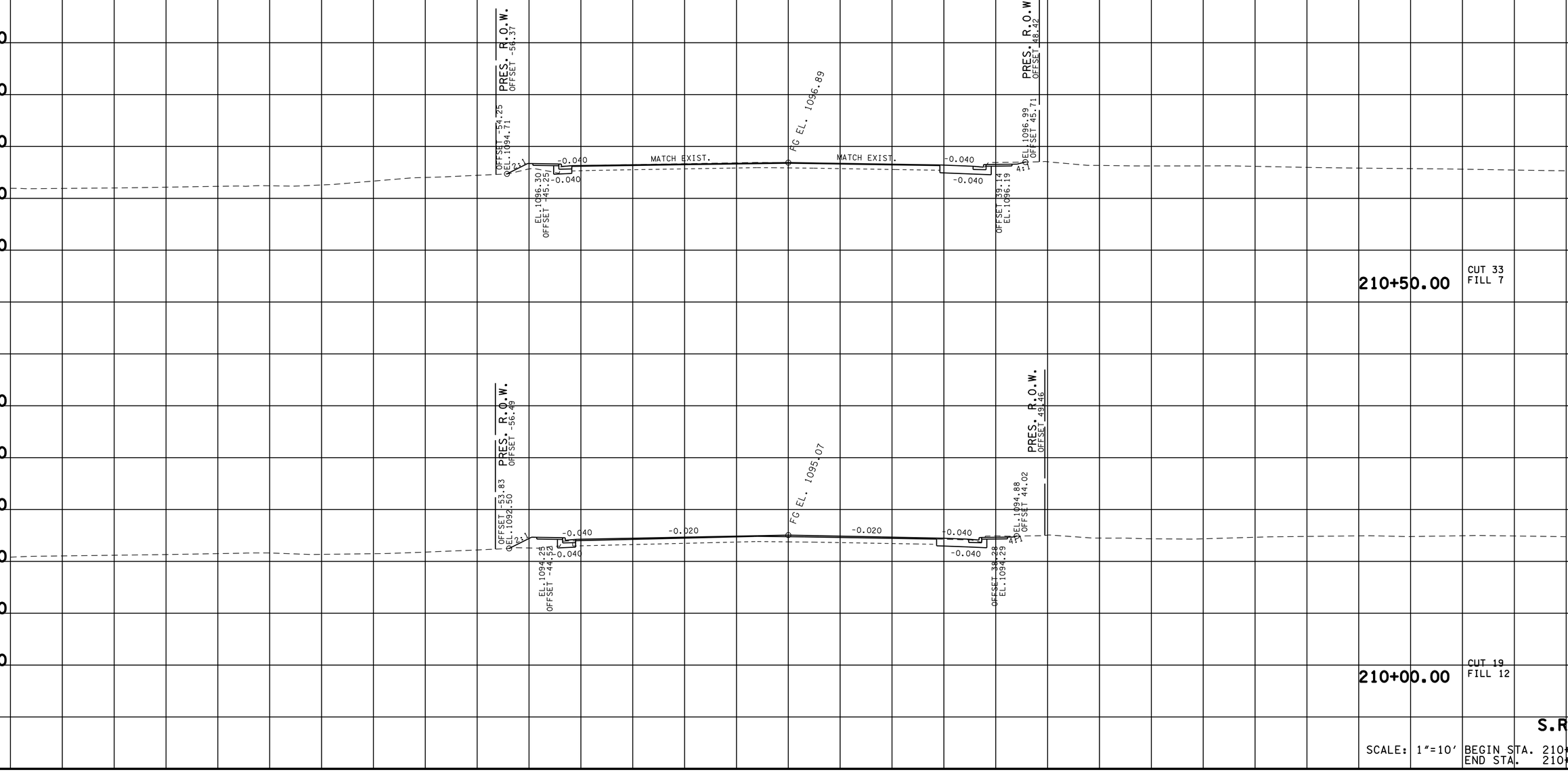
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	95



S.R. 71

SCALE: 1"=10'

BEGIN STA. 210+00.00
END STA. 210+50.00

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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	96

MACON LANE

SCALE: 1"=10'

BEGIN STA. 11+00.00
END STA. 11+50.00

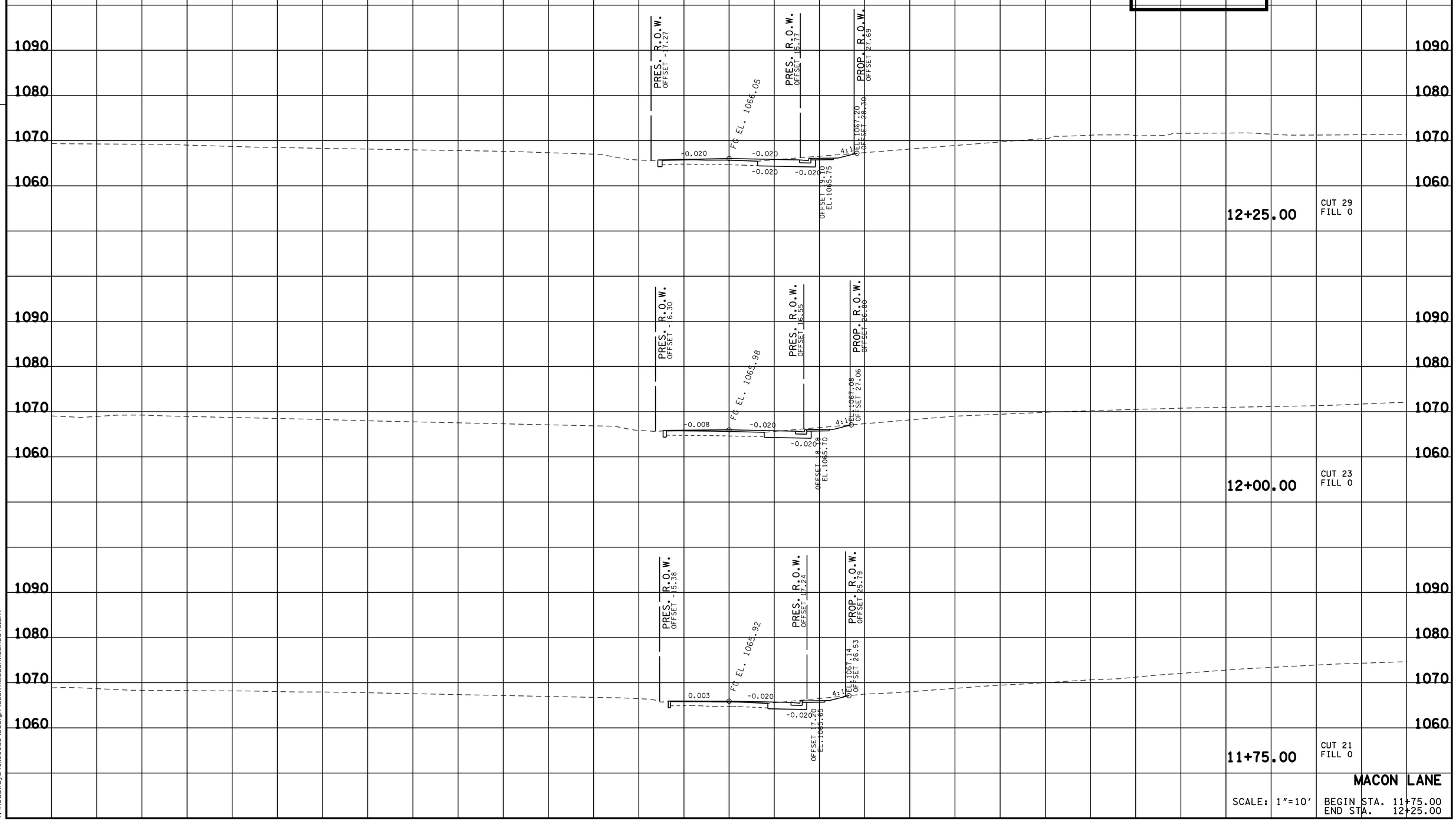
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	97



MACON LANE

SCALE: 1"=10'

BEGIN STA. 11+75.00
END STA. 12+25.00

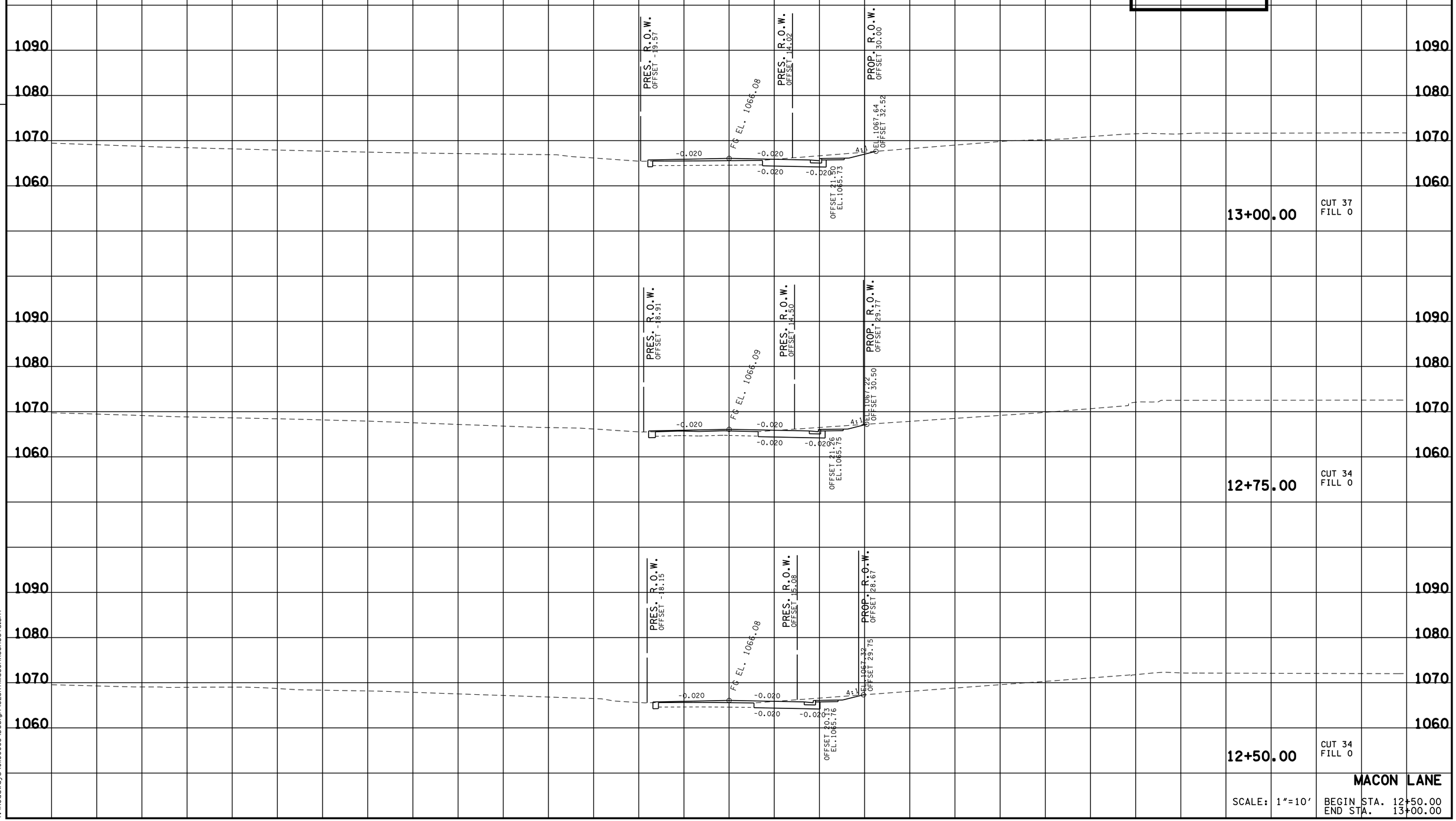
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	98

R.O.W. PLANS



MACON LANE

SCALE: 1"=10'

BEGIN STA. 12+50.00
END STA. 13+00.00

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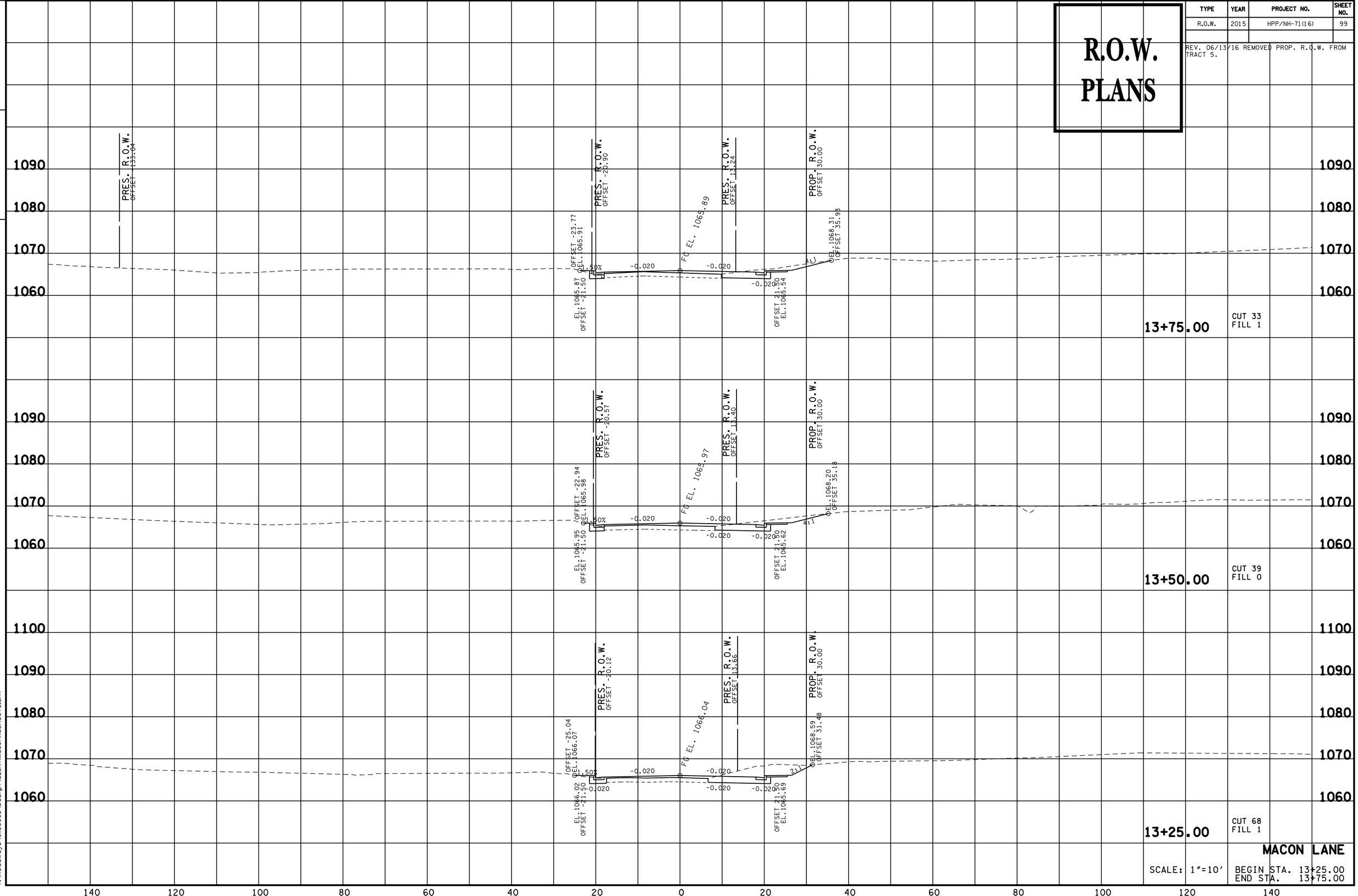
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	99

REV. 06/13/16 REMOVED PROP. R.O.W. FROM TRACT 5.



MACON LANE

SCALE: 1"=10'

BEGIN STA. 13+25.00
END STA. 13+75.00

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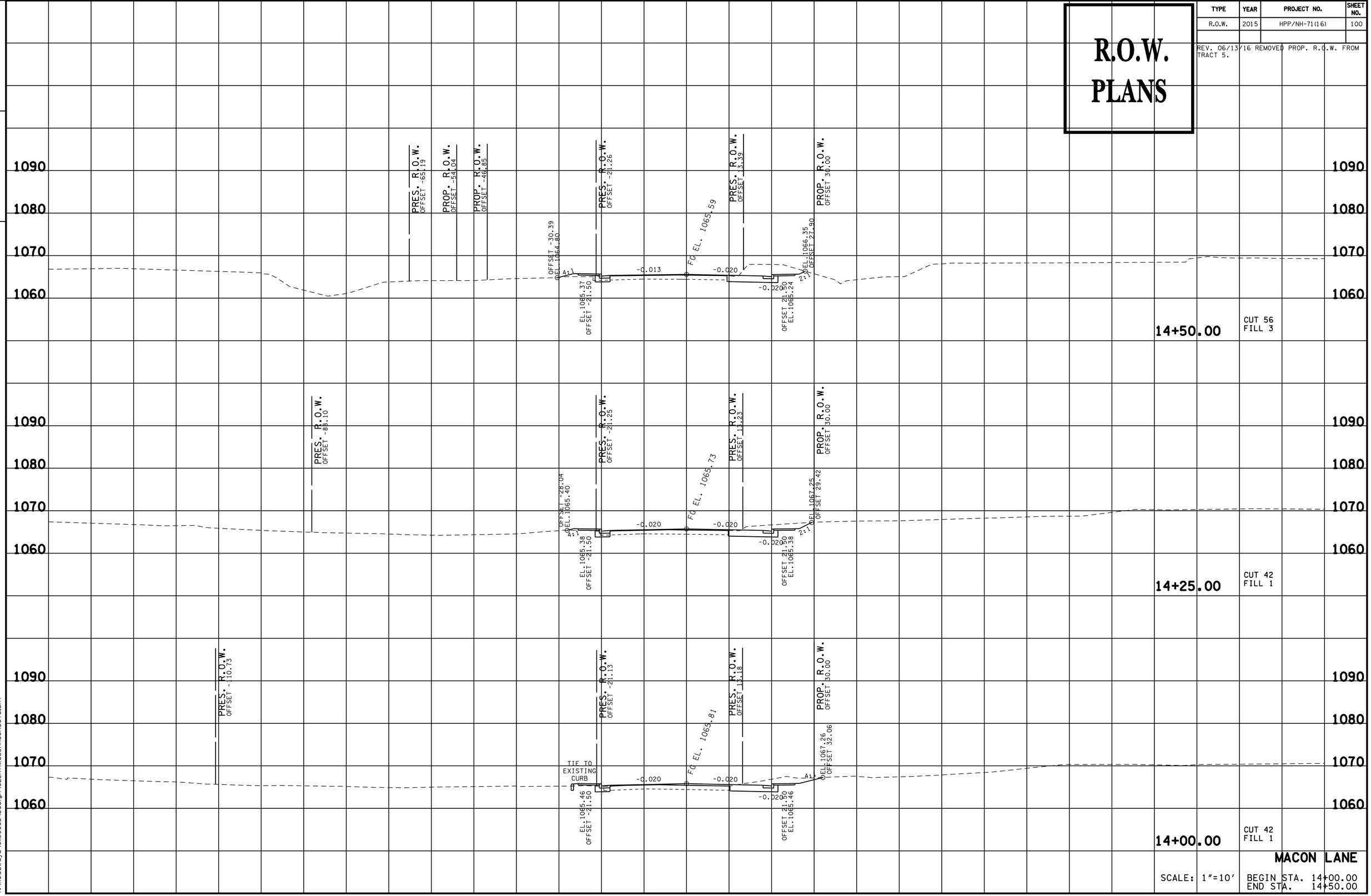
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	100

REV. 06/13/16 REMOVED PROP. R.O.W. FROM TRACT 5.



MACON LANE

SCALE: 1"=10'

BEGIN STA. 14+00.00
END STA. 14+50.00

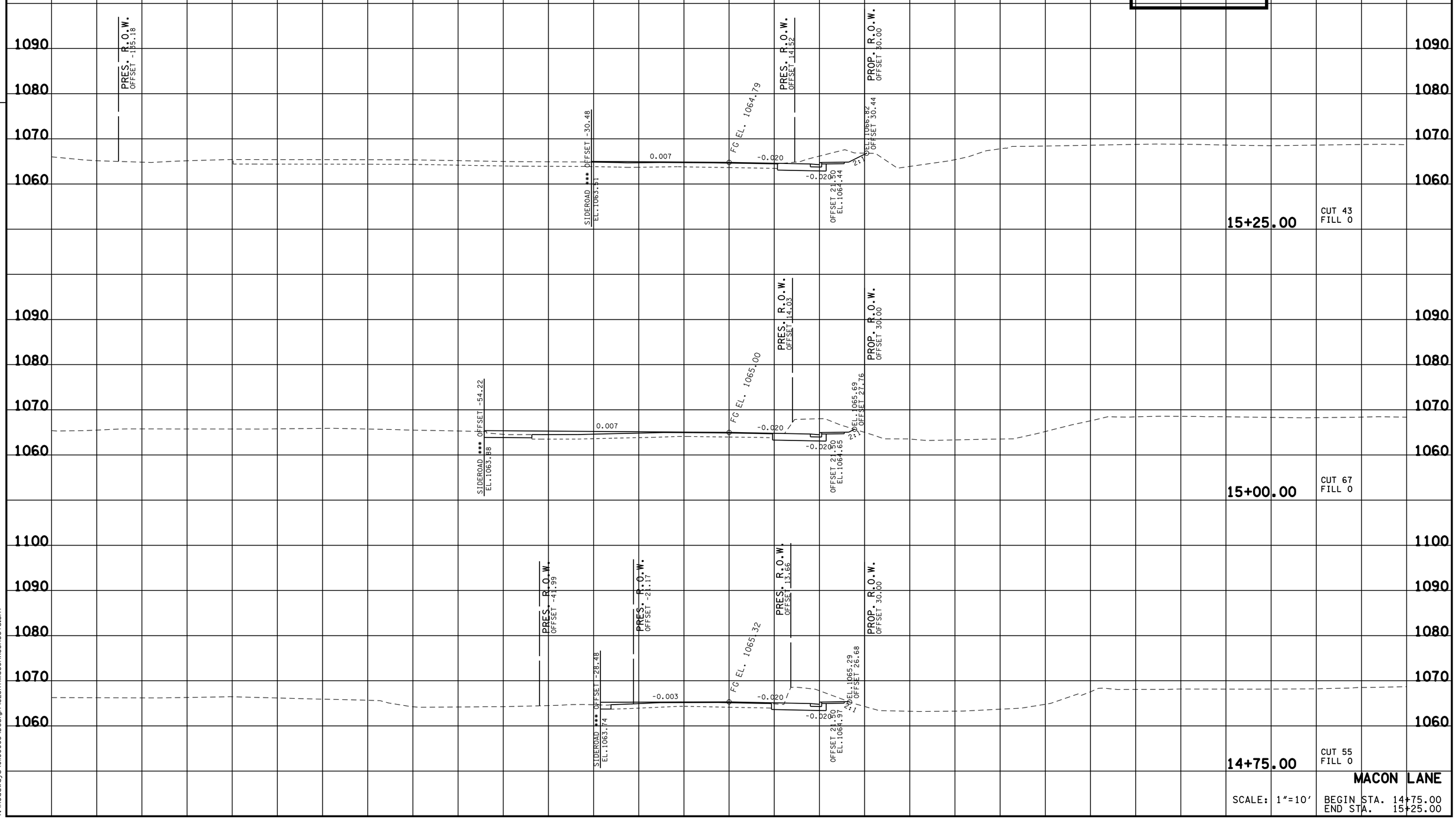
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	101



MACON LANE

SCALE: 1"=10'

BEGIN STA. 14+75.00
END STA. 15+25.00

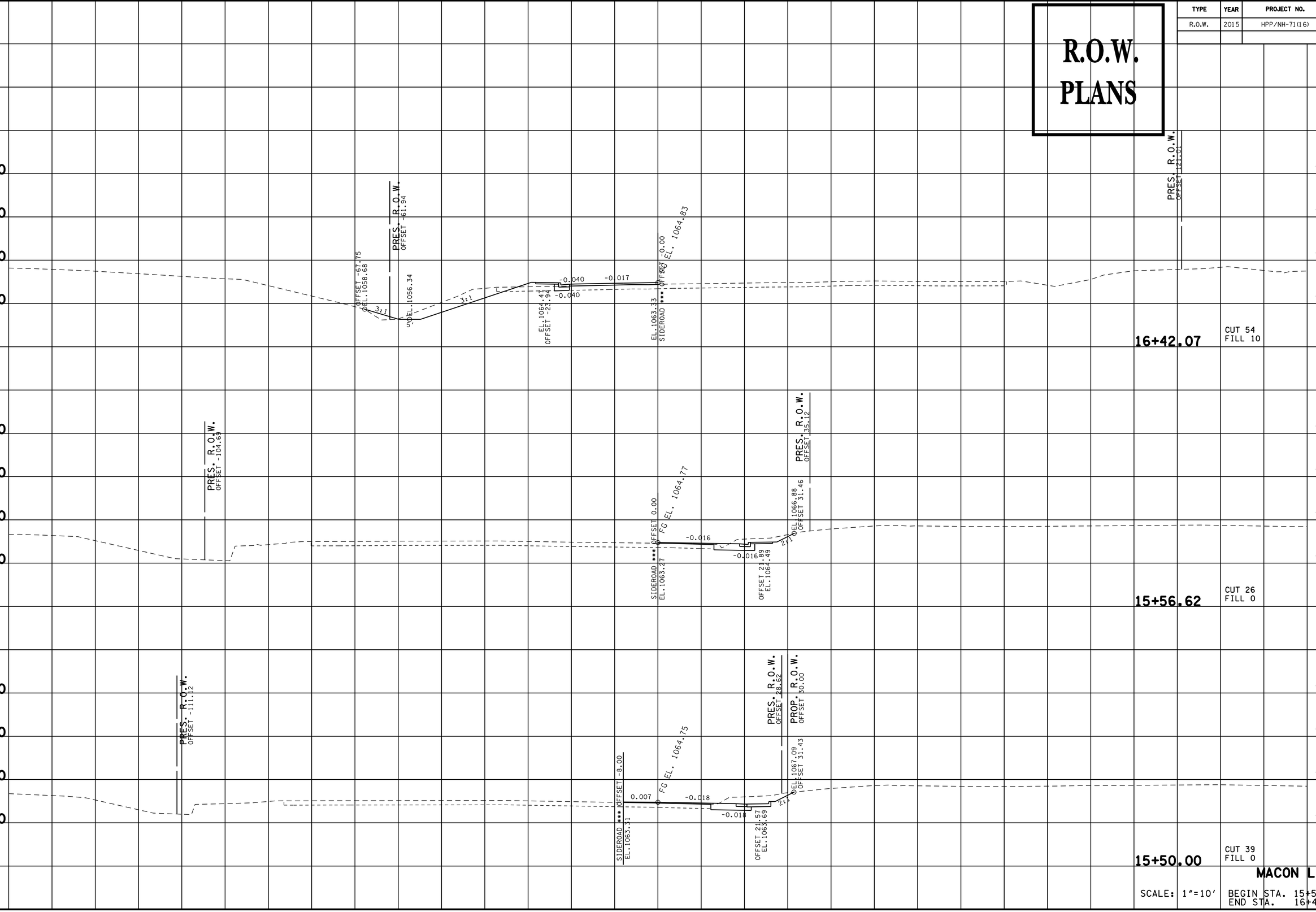
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	102



MACON LANE

SCALE: 1"=10'

BEGIN STA. 15+50.00
END STA. 16+42.07

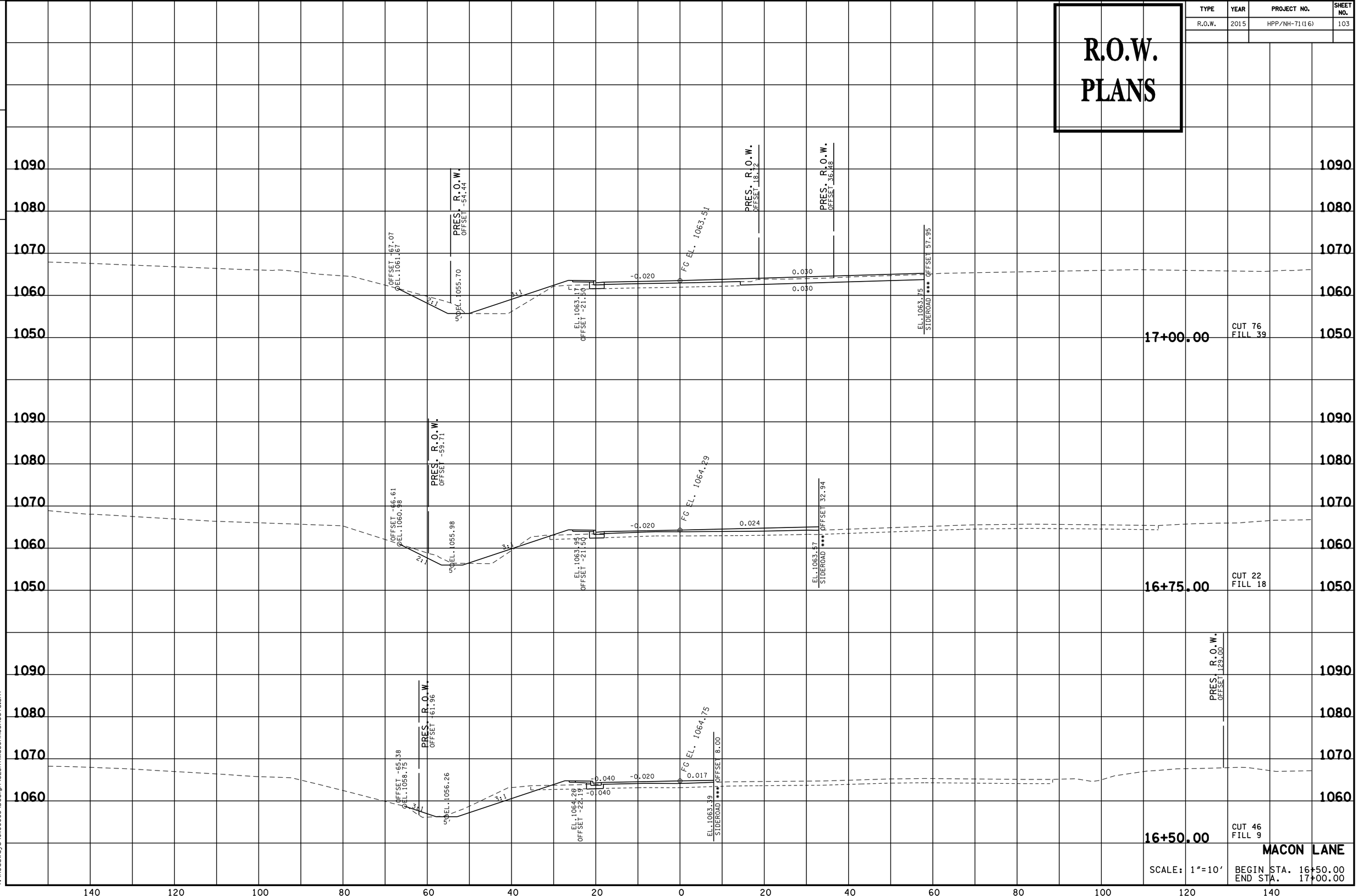
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	103



MACON LANE

SCALE: 1"=10'

BEGIN STA. 16+50.00
END STA. 17+00.00

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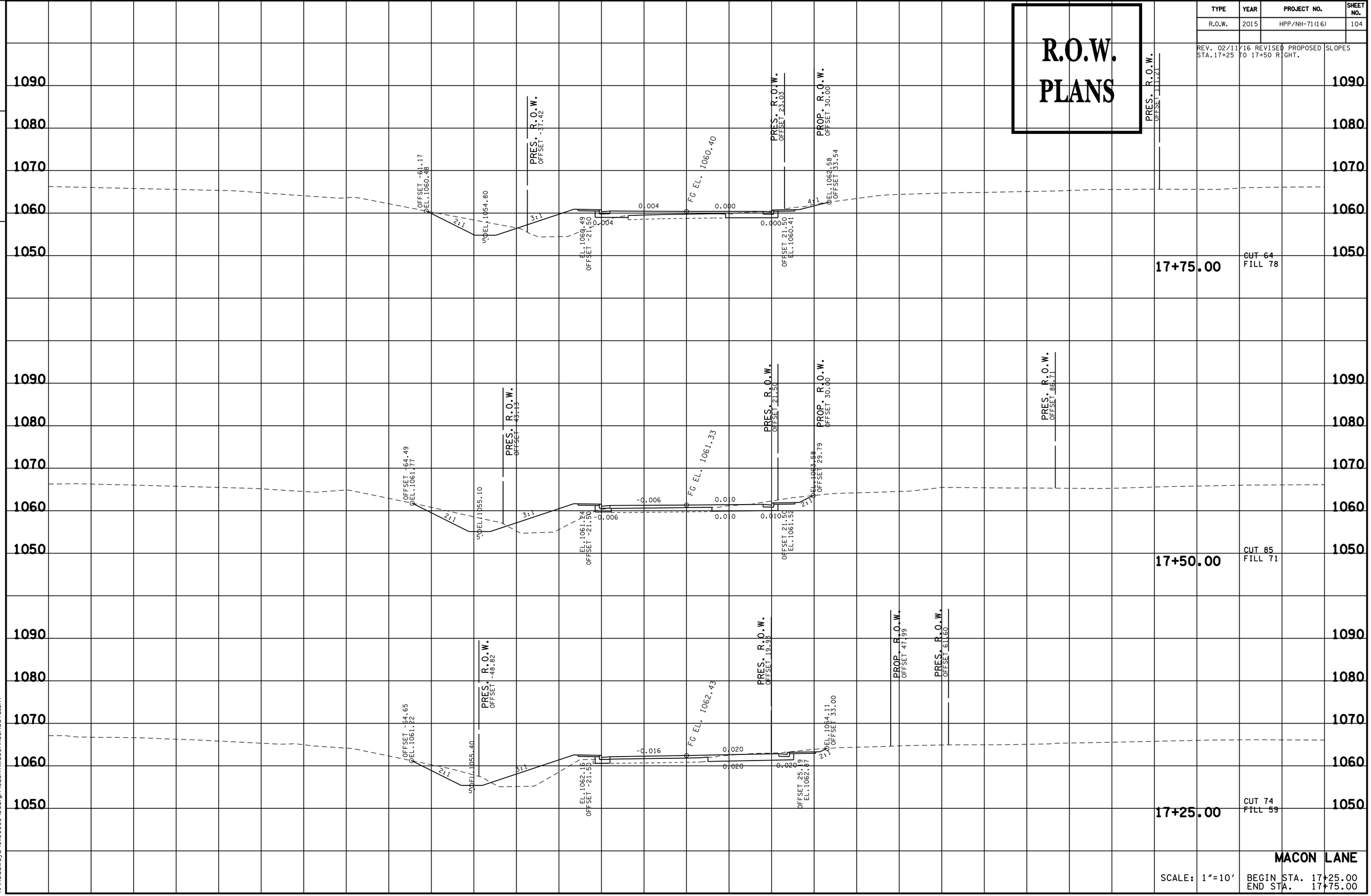
TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	104

REV. 02/11/16 REVISED PROPOSED SLOPES STA.17+25 TO 17+50 RIGHT.



MACON LANE

SCALE: 1"=10' BEGIN STA. 17+25.00
END STA. 17+75.00

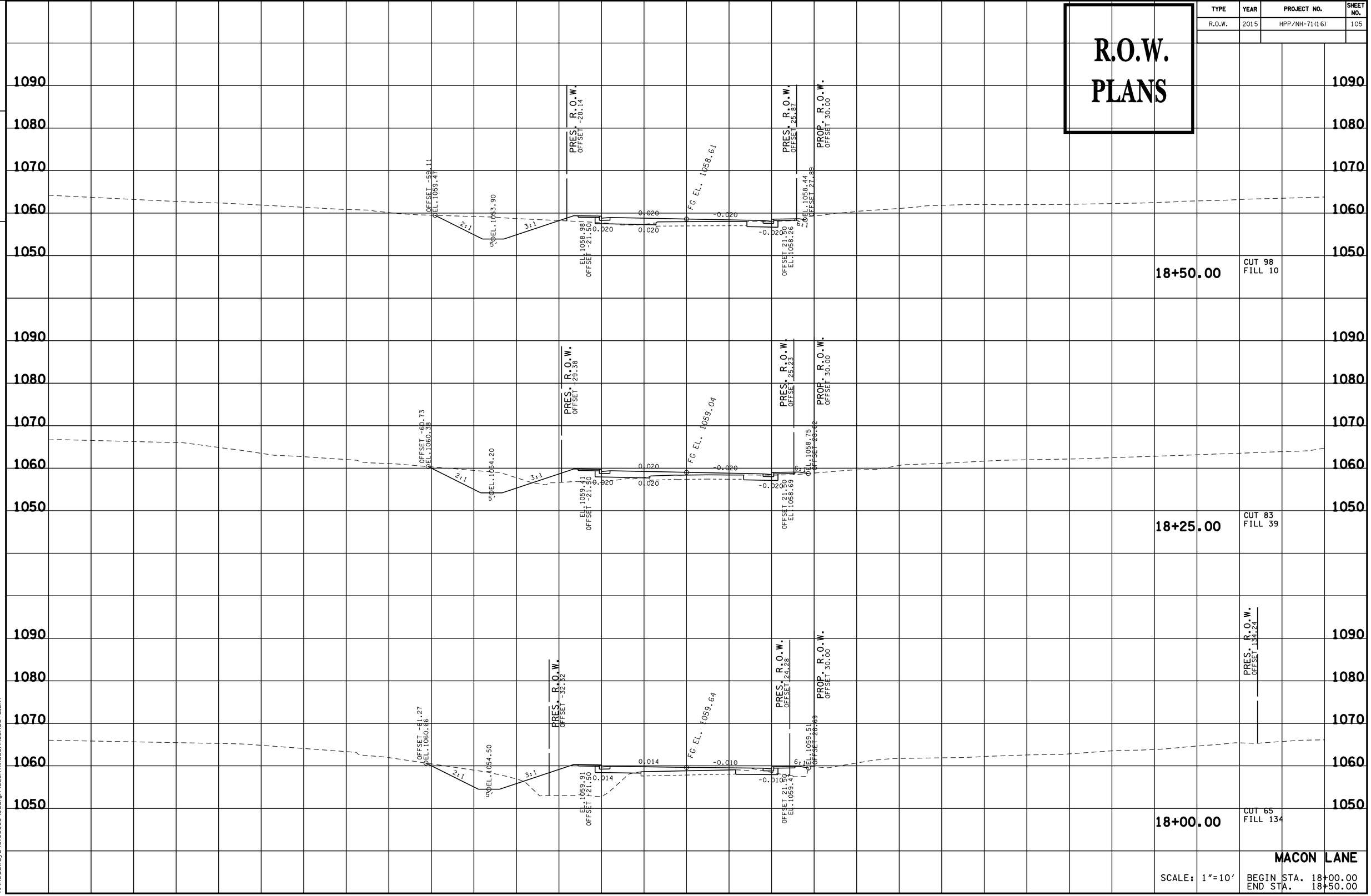
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	105



MACON LANE

SCALE: 1"=10'

BEGIN STA. 18+00.00
END STA. 18+50.00

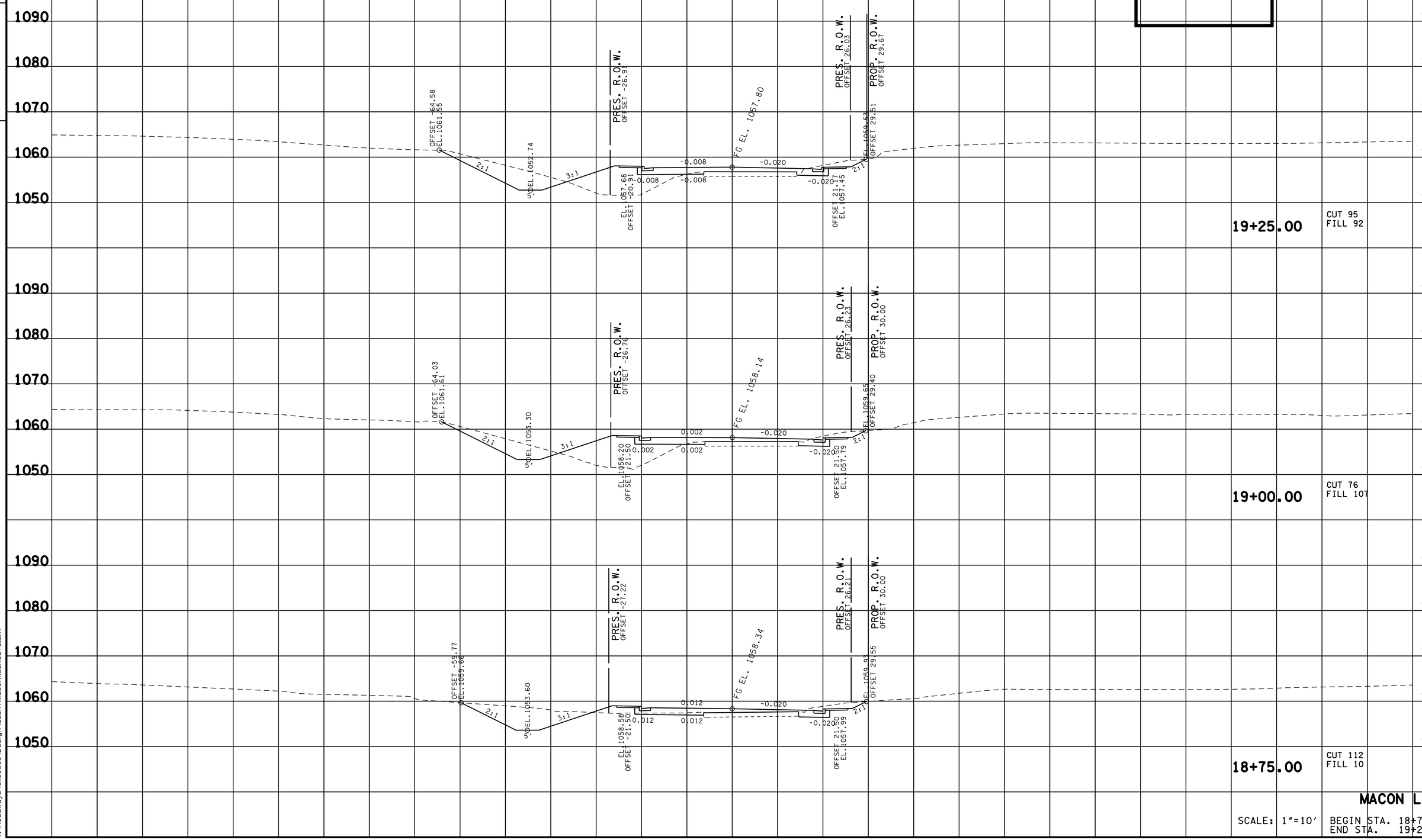
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	106



MACON LANE

SCALE: 1"=10'

BEGIN STA. 18+75.00
END STA. 19+25.00

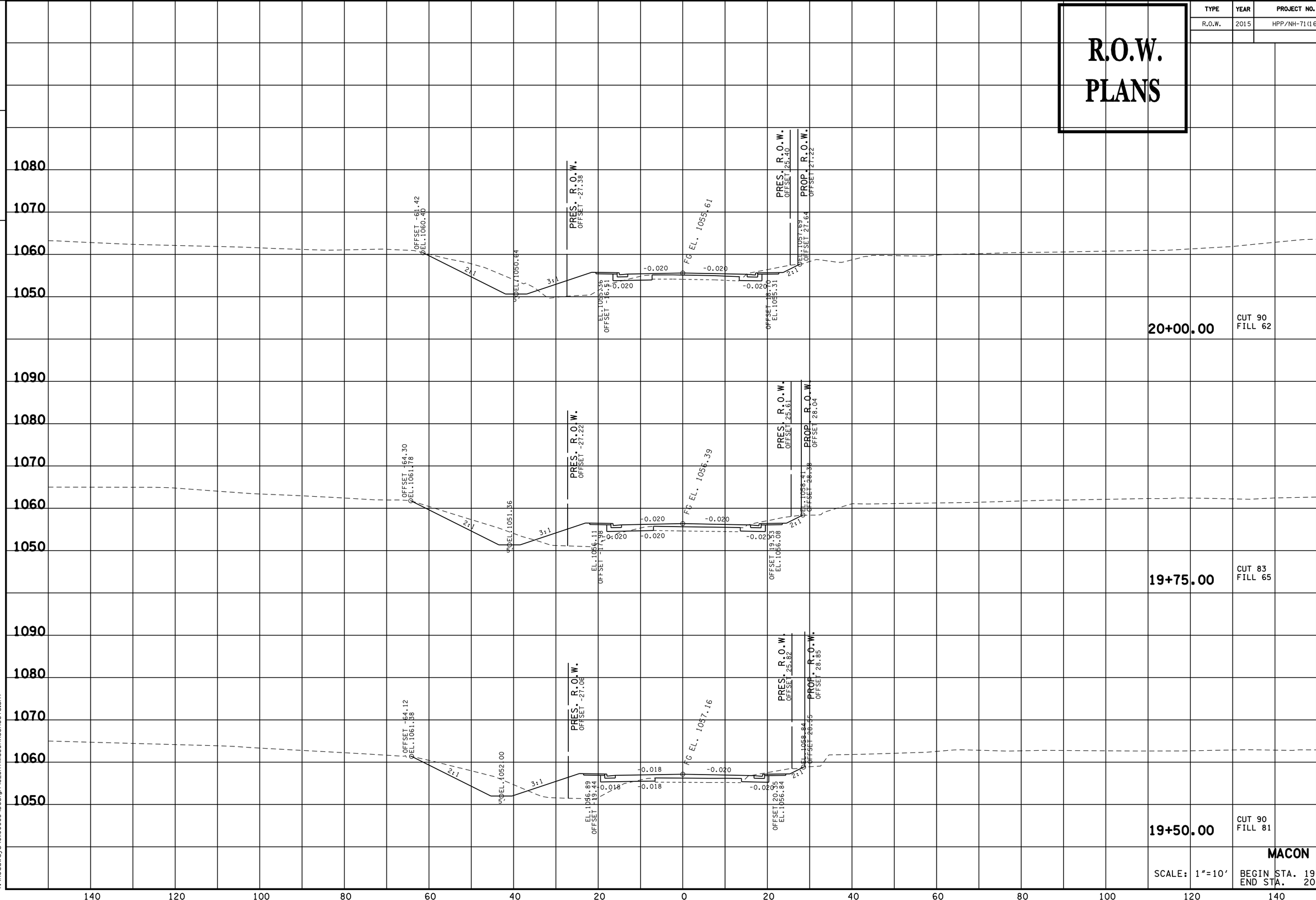
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	107



MACON LANE

SCALE: 1"=10'

BEGIN STA. 19+50.00
END STA. 20+00.00

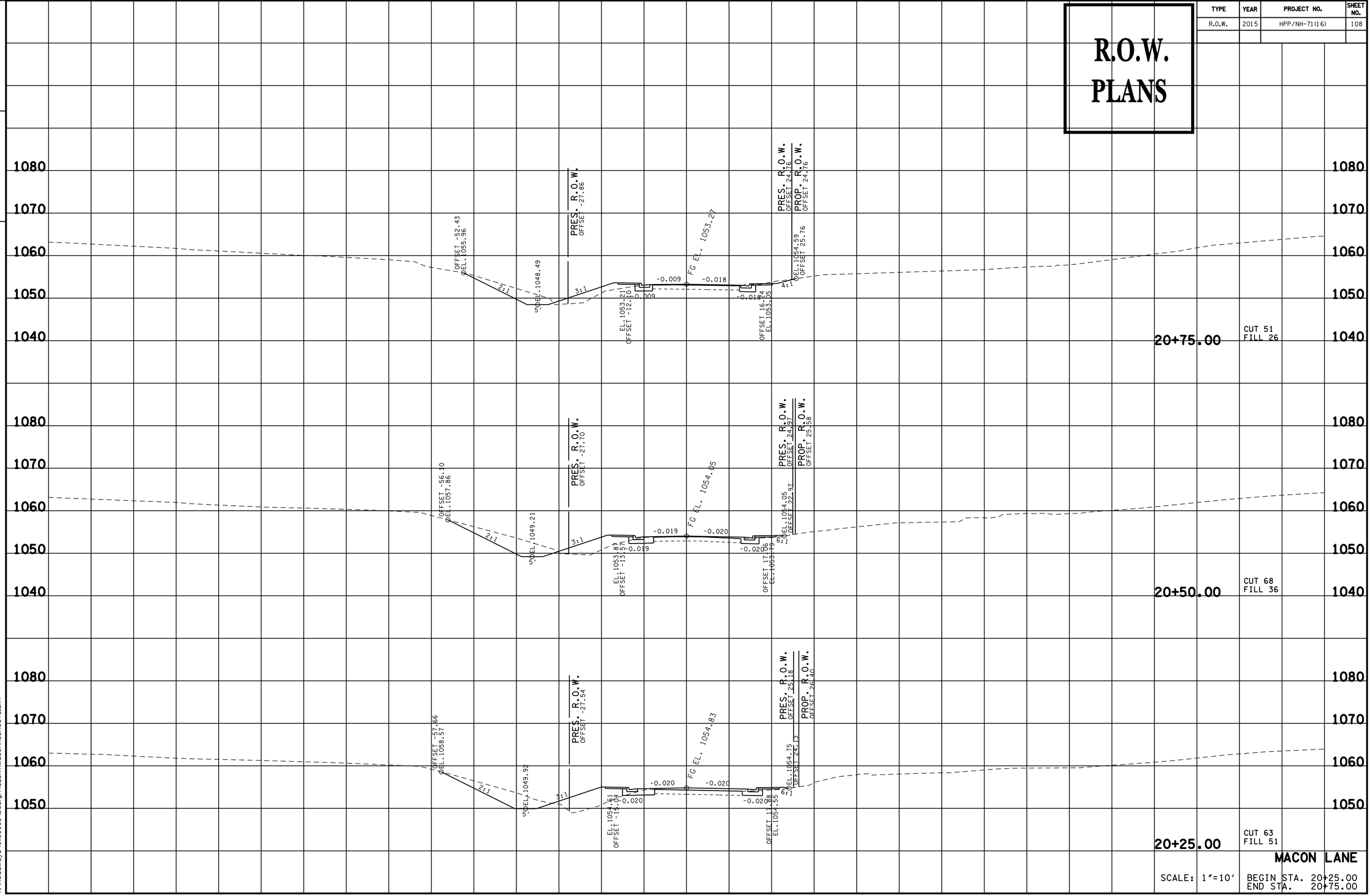
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	108

R.O.W. PLANS



MACON LANE

SCALE: 1"=10'

BEGIN STA. 20+25.00
END STA. 20+75.00

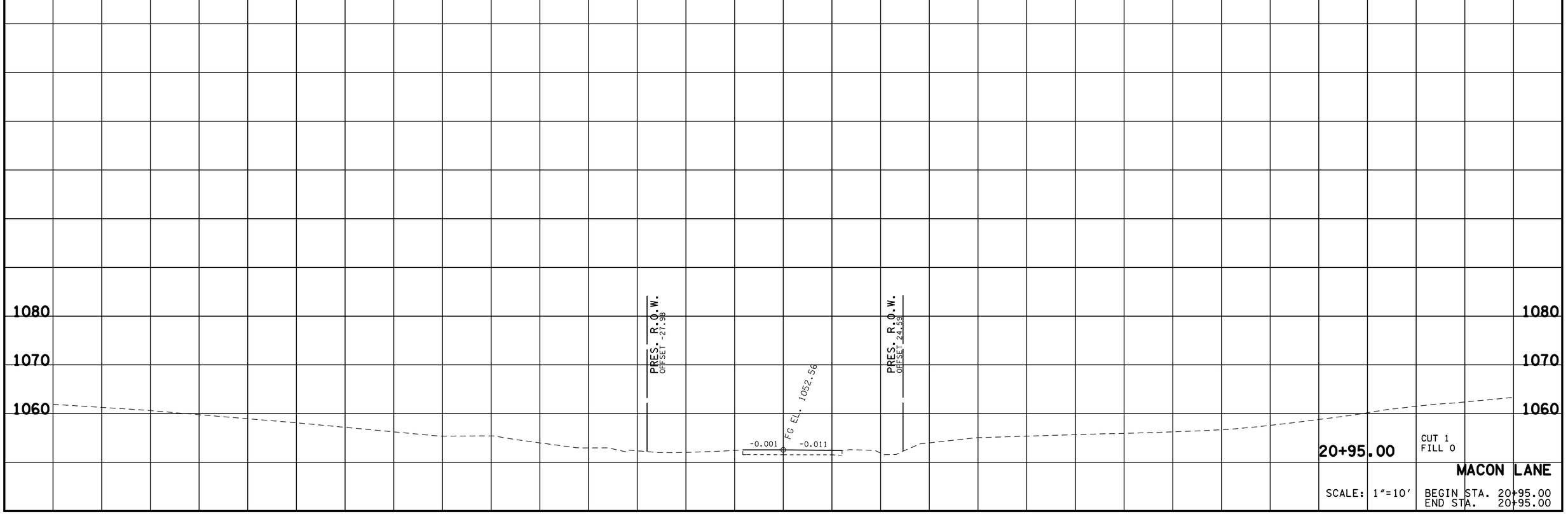
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	109

R.O.W. PLANS



20+95.00

CUT 1
FILL 0

MACON LANE

SCALE: 1"=10'

BEGIN STA. 20+95.00
END STA. 20+95.00

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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	110

R.O.W. PLANS

PRES. R.O.W.
OFFSET -55.82

PRES. R.O.W.
OFFSET 88.64

POWER LINE

TELEPHONE LINE

2" GAS LINE

30+90.00

PRES. R.O.W.
OFFSET -40.48

60' SE TRANS FROM
5.75% @ STA. 30+30.00
TO -1.50% @ STA. 30+90.00

60' SE TRANS FROM
-5.75% @ STA. 30+30.00
TO -6.08% @ STA. 30+90.00

OFFSET -30.83
EL.1111.70

2:1

EL.1113.53
OFFSET -22.90

0.003

0.003

OFFSET -4.00
EL.1112.93

FG EL. 1112.92

EL.1112.68
OFFSET 4.00

-0.060

-0.060

-0.060

-0.060

OFFSET 24.44
EL.1111.68

EL.1104.53
OFFSET 48.43

PRES. R.O.W.
OFFSET 55.05

PRES. R.O.W.
OFFSET 136.52

2" GAS LINE

CUT 37
FILL 25

30+75.00

SEE SR71 CROSS SECTIONS
FOR ADDITIONAL INFORMATION

60' SE TRANS FROM
5.75% @ STA. 30+30.00
TO -1.50% @ STA. 30+90.00

60' SE TRANS FROM
-5.75% @ STA. 30+30.00
TO -6.08% @ STA. 30+90.00

FG EL. 1113.65

-0.037

-0.037

0.033

0.033

-0.059

-0.059

-0.059

-0.059

TELEPHONE LINE

SEE SR71 CROSS SECTIONS
FOR ADDITIONAL INFORMATION

2" GAS LINE

CUT 44
FILL 0

30+50.00

CHAPMAN VIEW DRIVE

SCALE: 1"=10'

BEGIN STA. 30+50.00
END STA. 30+90.00

1140
1130
1120
1110
1100
1090

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

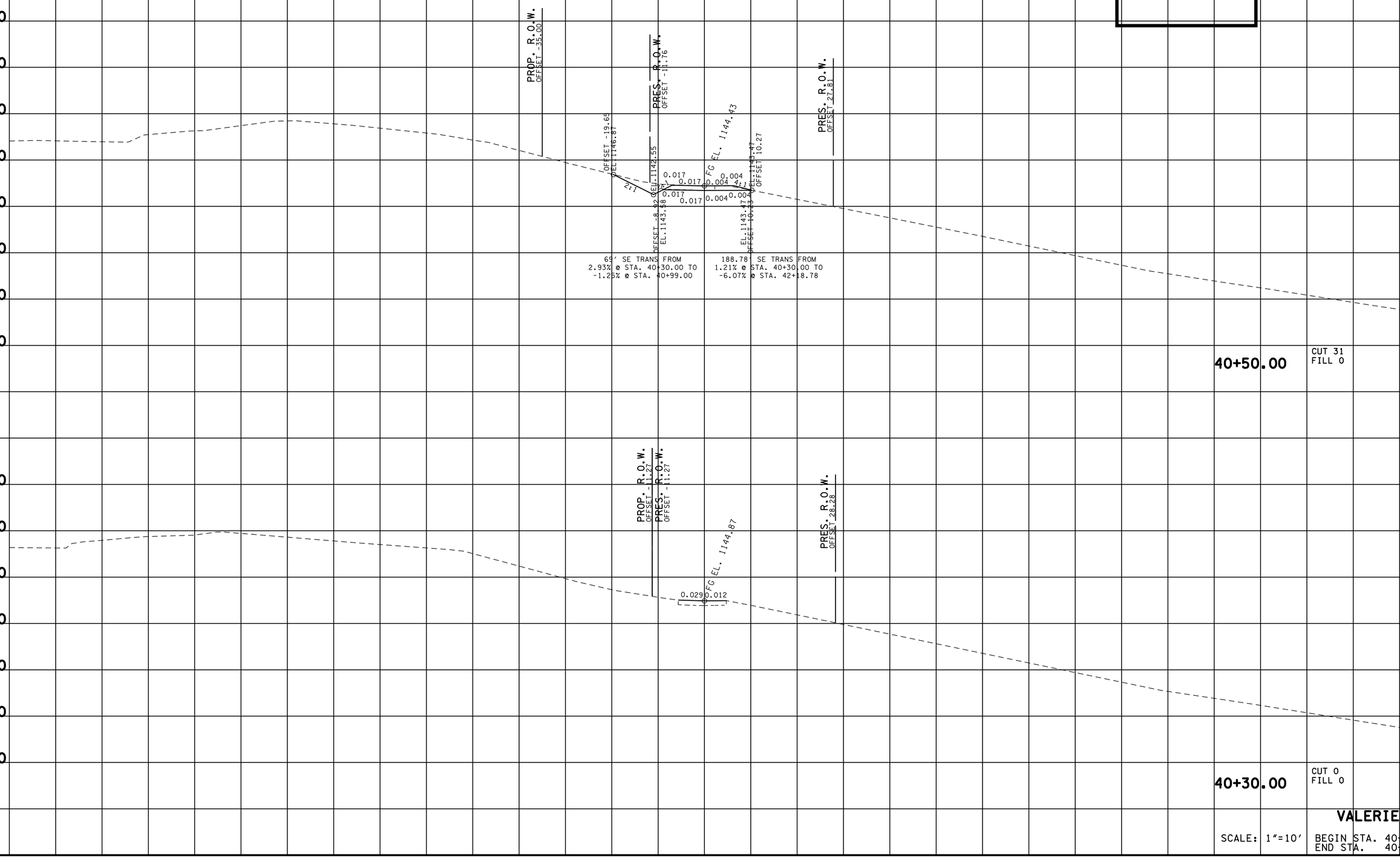
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	111



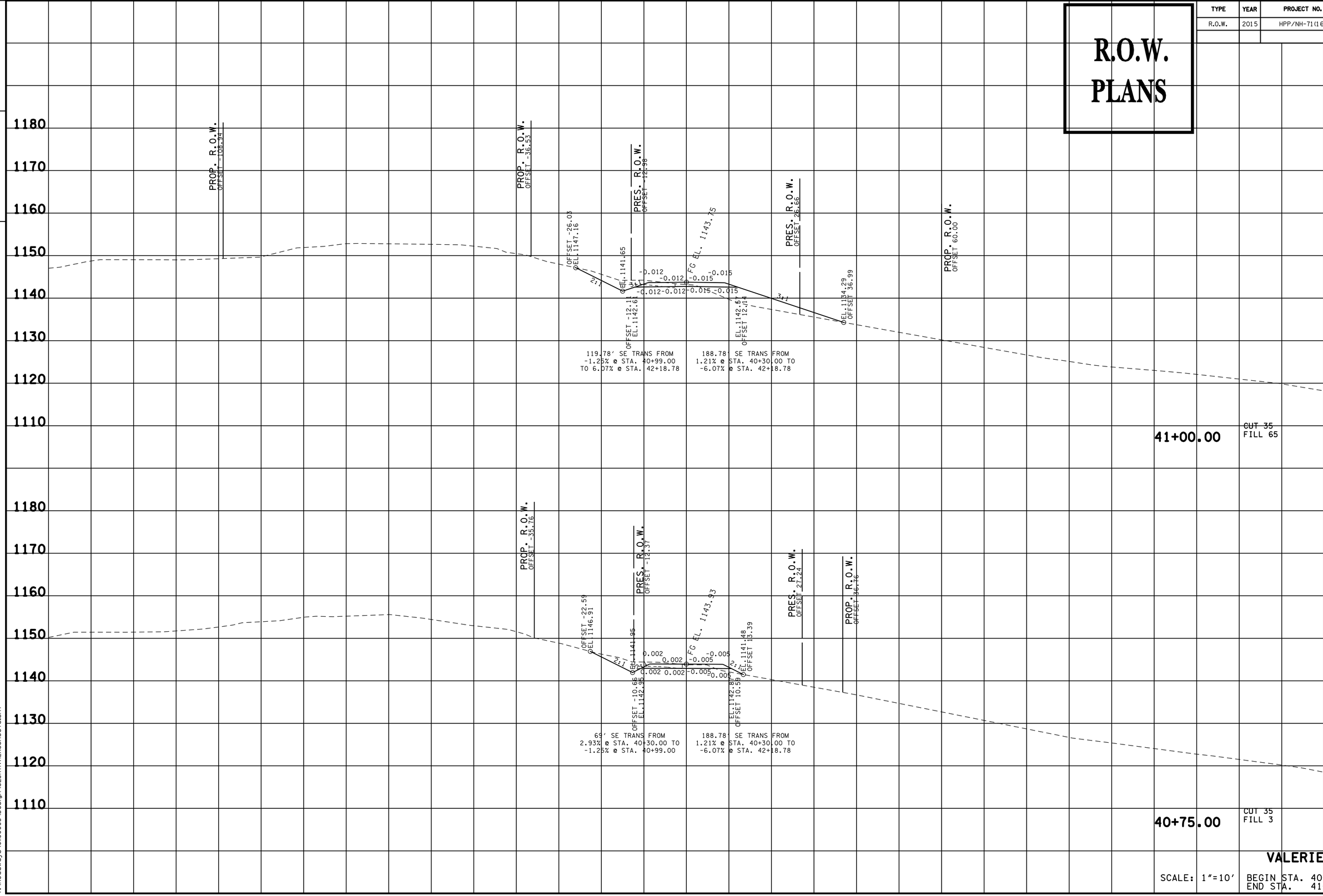
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	112

R.O.W. PLANS



VALERIE WAY

SCALE: 1"=10'

BEGIN STA. 40+75.00
END STA. 41+00.00

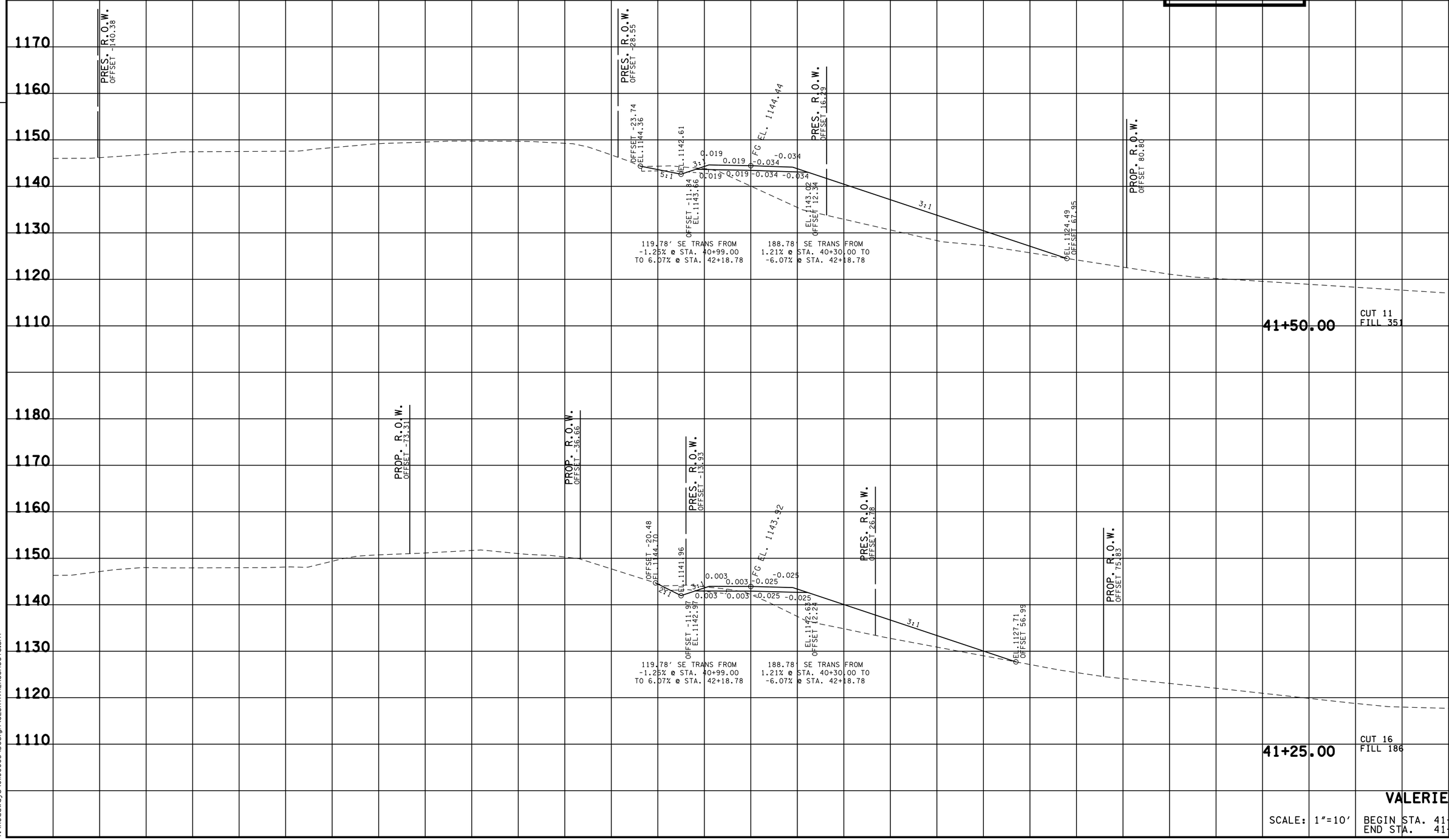
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

R.O.W. PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	113



VALERIE WAY

SCALE: 1"=10'

BEGIN STA. 41+25.00
END STA. 41+50.00

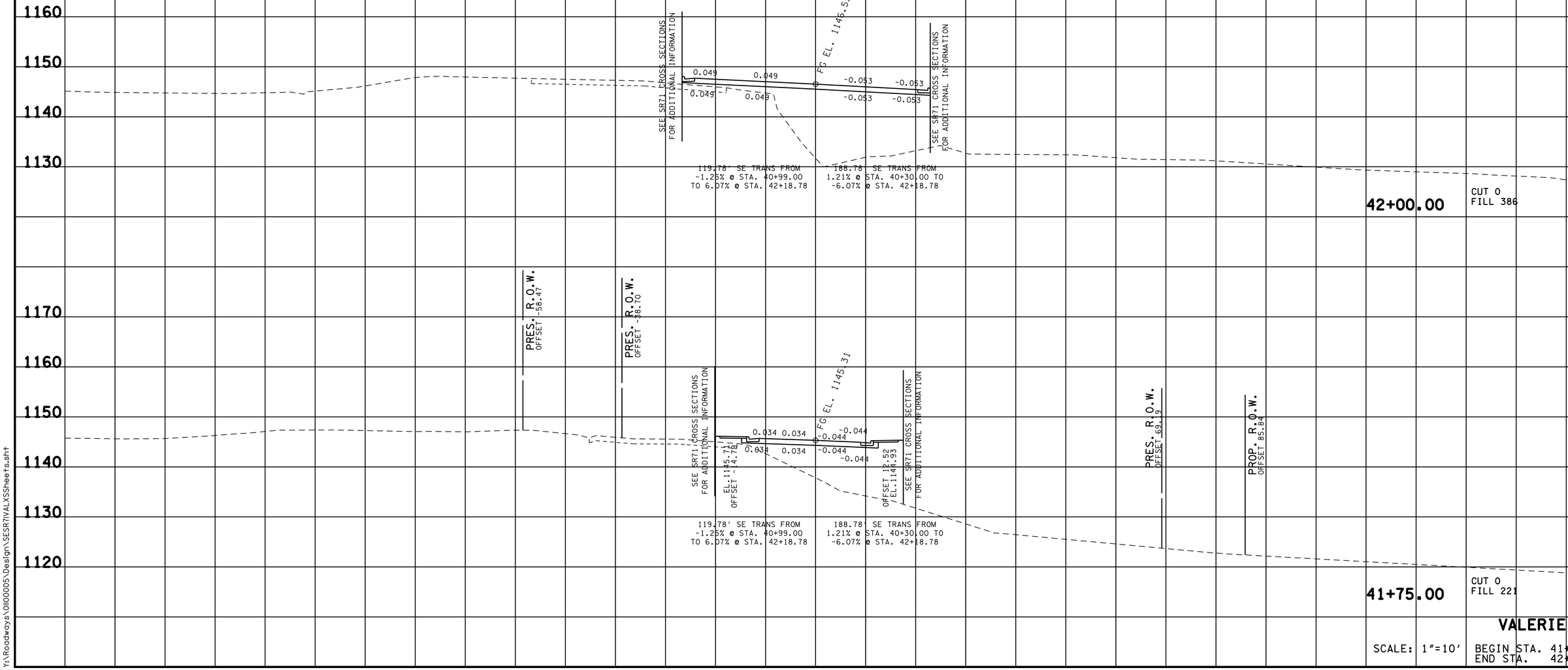
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	114

R.O.W. PLANS



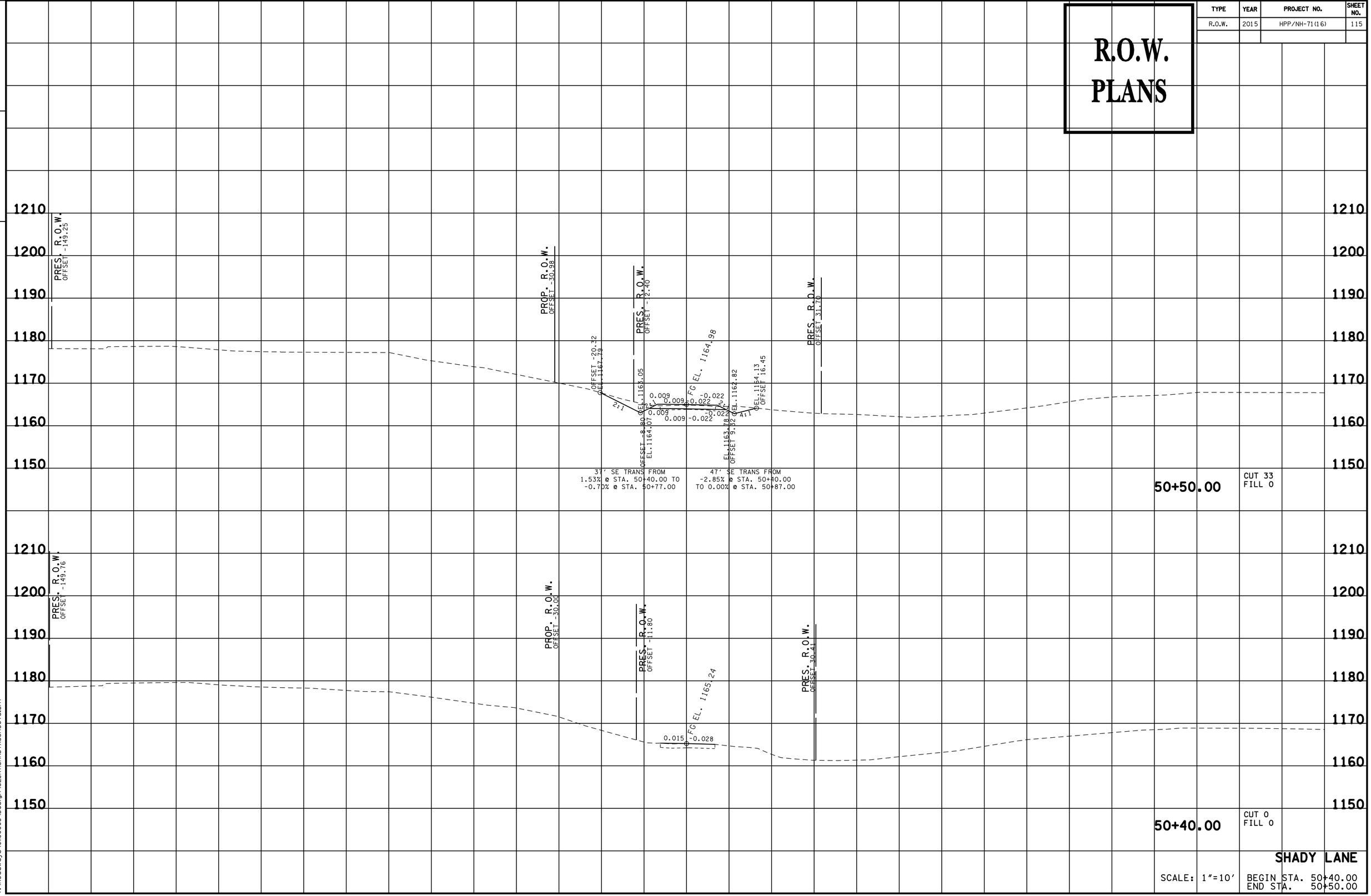
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	115

R.O.W. PLANS



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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	116

R.O.W. PLANS

PRES. R.O.W.
OFFSET -123.93

PROP. R.O.W.
OFFSET -35.00

PRES. R.O.W.
OFFSET -16.14

OFFSET -22.97
EL.1164.10

EL. 1161.75

OFFSET -10.97
EL. 1164.22

FG EL. 1165.14

0.007 0.007 -0.008 -0.008
0.007 0.007 -0.008 -0.008

3:1 2:1 3:1

EL.1164.05
OFFSET 12.07

EL.1156.99
OFFSET 33.23

PRES. R.O.W.
OFFSET -9.33

PROP. R.O.W.
OFFSET 48.77

110.77' SE TRANS FROM
-0.70% @ STA. 50+77.00
TO 6.07% @ STA. 51+87.77

100.77' SE TRANS FROM
0.00% @ STA. 50+87.00 TO
-6.07% @ STA. 51+87.77

51+00.00

CUT 8
FILL 66

PRES. R.O.W.
OFFSET -147.97

PROP. R.O.W.
OFFSET -33.42

PRES. R.O.W.
OFFSET -13.91

OFFSET -21.70
EL. 165.77

EL. 1162.71

OFFSET -10.63
EL. 1163.70

FG EL. 1164.76

0.006 -0.006 -0.007 0.007
0.006 -0.006 -0.007 0.007

3:1

EL. 1163.16
OFFSET 11.68

EL. 1163.68
OFFSET 10.63

PRES. R.O.W.
OFFSET 34.91

37' SE TRANS FROM
1.53% @ STA. 50+40.00 TO
-0.70% @ STA. 50+77.00

47' SE TRANS FROM
-2.85% @ STA. 50+40.00
TO 0.00% @ STA. 50+87.00

50+75.00

CUT 7
FILL 5

1200
1190
1180
1170
1160
1150

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

SHADY LANE

SCALE: 1"=10'

BEGIN STA. 50+75.00
END STA. 51+00.00

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FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	117

R.O.W. PLANS

1180 1170 1160 1150

SEE SR71 CROSS SECTIONS FOR ADDITIONAL INFORMATION

0.053 0.053 0.053 0.053 -0.053 -0.053 -0.053 -0.053

FG EL. 1167.62

110.77' SE TRANS FROM -0.70% @ STA. 50+77.00 TO 6.07% @ STA. 51+87.77

100.77' SE TRANS FROM 0.00% @ STA. 50+87.00 TO -6.07% @ STA. 51+87.77

SEE SR71 CROSS SECTIONS FOR ADDITIONAL INFORMATION

51+75.00

CUT 0
FILL 103

1180 1170 1160 1150

OFFSET -47.05
@EL.1166.43

@EL.1164.00

4:1 3:1

0.038 0.038 0.038 -0.038 -0.038 -0.038

FG EL. 1167.16

EL. 1167.75
OFFSET -18.73

OFFSET 12.75
EL.1166.82

110.77' SE TRANS FROM -0.70% @ STA. 50+77.00 TO 6.07% @ STA. 51+87.77

100.77' SE TRANS FROM 0.00% @ STA. 50+87.00 TO -6.07% @ STA. 51+87.77

SEE SR71 CROSS SECTIONS FOR ADDITIONAL INFORMATION

PRES. R.O.W.
OFFSET 59.15

51+50.00

CUT 8
FILL 139

1200 1190 1180 1170 1160 1150

PRES. R.O.W.
OFFSET -87.18

PROP. R.O.W.
OFFSET -51.47

PRES. R.O.W.
OFFSET -22.47

OFFSET -36.32
@EL.1165.02

@EL.1164.75

3:1 3:1

0.022 0.022 0.023 -0.023 -0.023

0.022 0.022 -0.023 -0.023

FG EL. 1166.11

EL.1166.83
OFFSET -12.56

EL.1164.83
OFFSET 12.22

3:1

PRES. R.O.W.
OFFSET 47.33

@EL.1147.77

2:1

EL.1149.69
OFFSET 67.24

PROP. R.O.W.
OFFSET 85.84

110.77' SE TRANS FROM -0.70% @ STA. 50+77.00 TO 6.07% @ STA. 51+87.77

100.77' SE TRANS FROM 0.00% @ STA. 50+87.00 TO -6.07% @ STA. 51+87.77

51+25.00

CUT 21
FILL 212

SHADY LANE

SCALE: 1"=10'

BEGIN STA. 51+25.00
END STA. 51+75.00

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

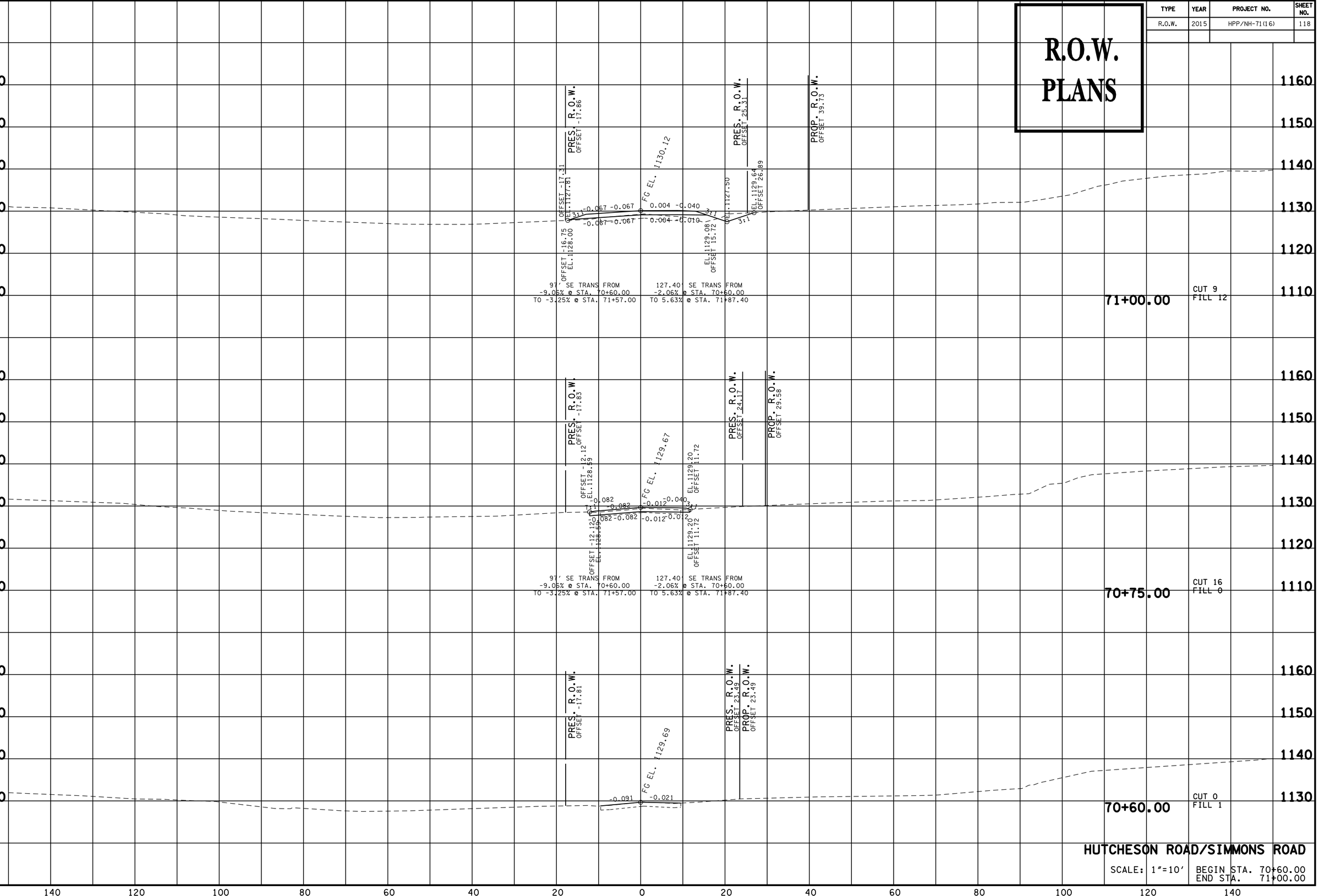
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	118

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10'

BEGIN STA. 70+60.00
END STA. 71+00.00

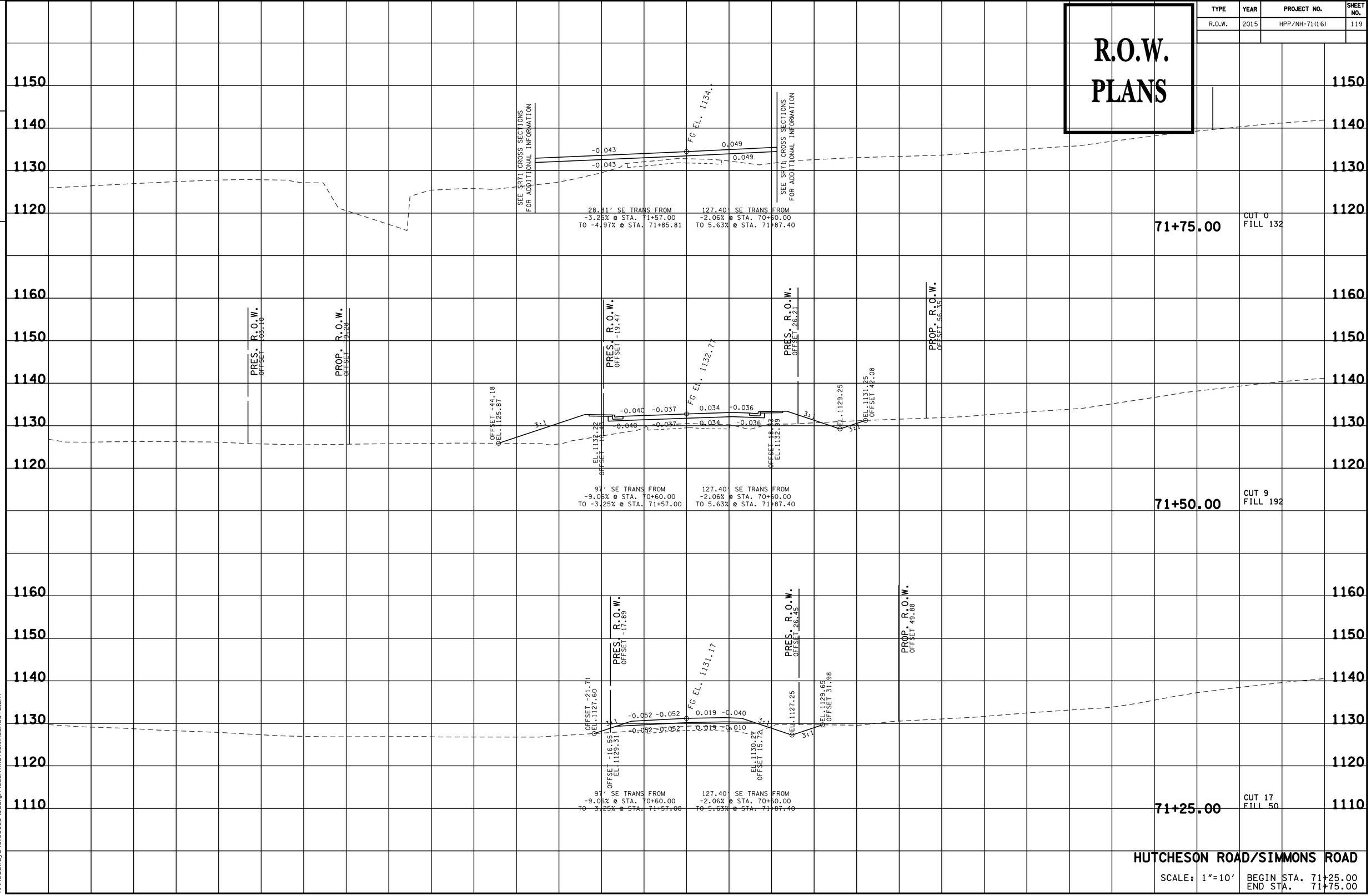
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	119

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10' BEGIN STA. 71+25.00
END STA. 71+75.00

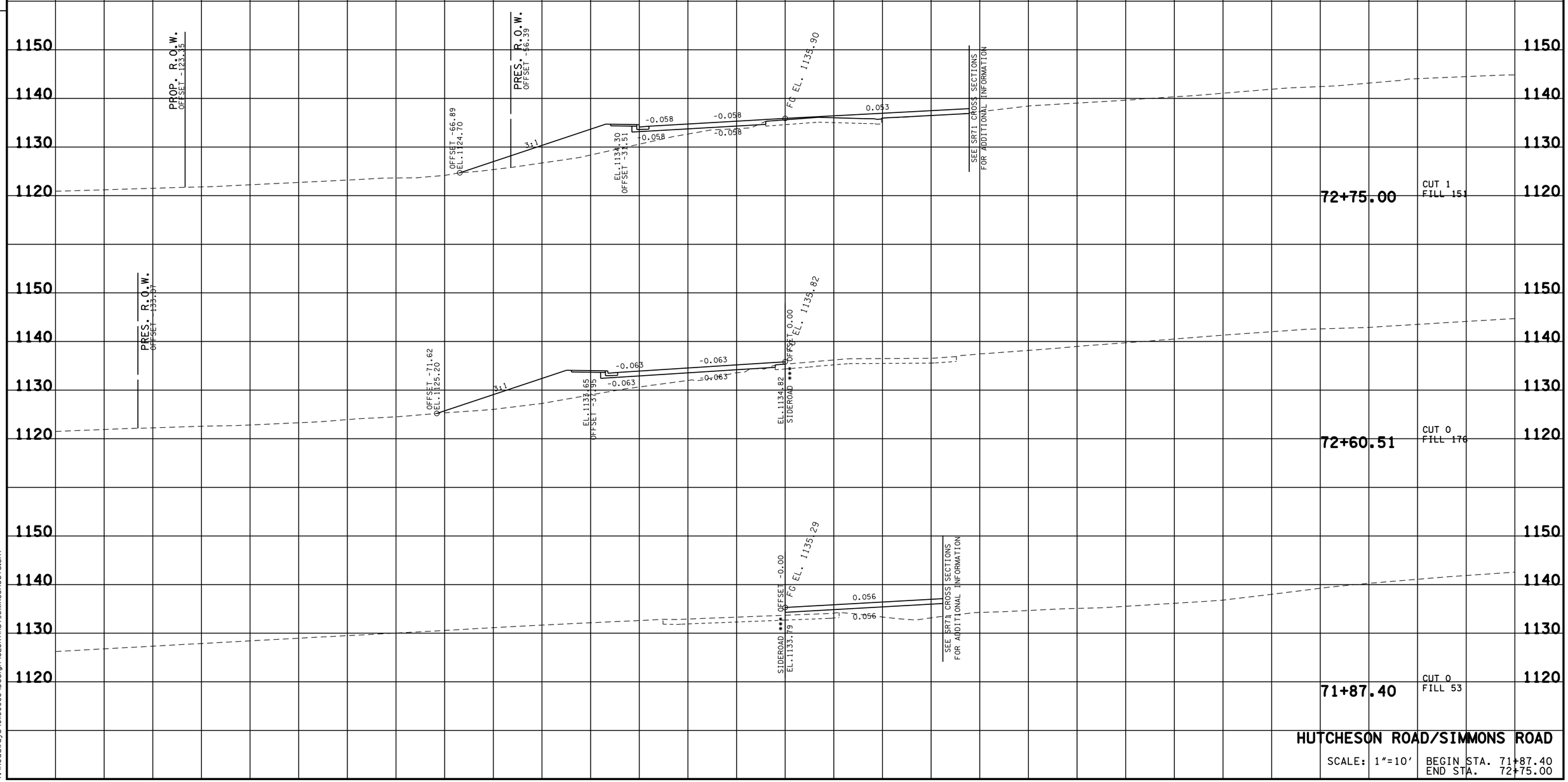
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	120

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10' BEGIN STA. 71+87.40
END STA. 72+75.00

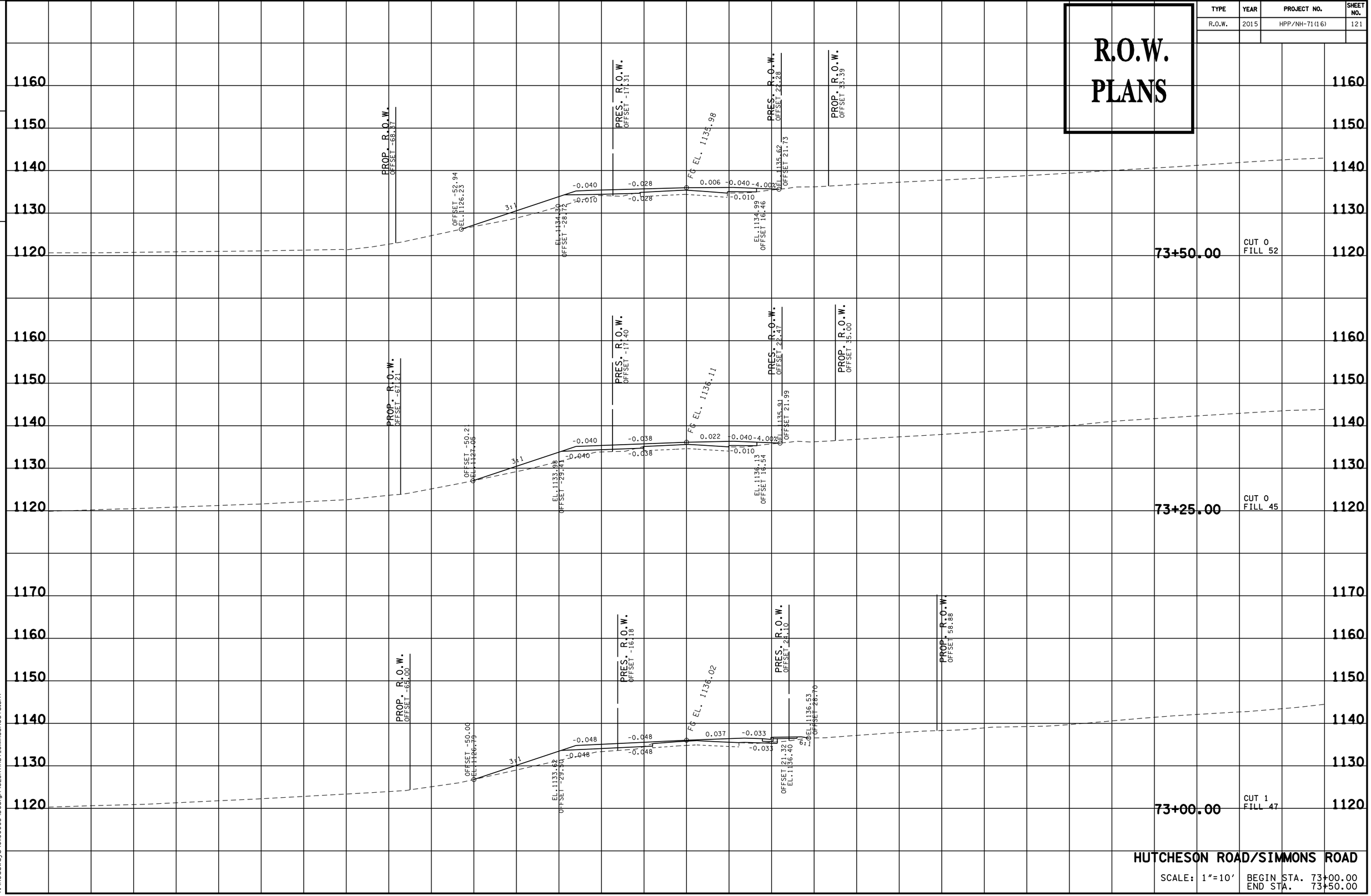
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	121

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10'

BEGIN STA. 73+00.00
END STA. 73+50.00

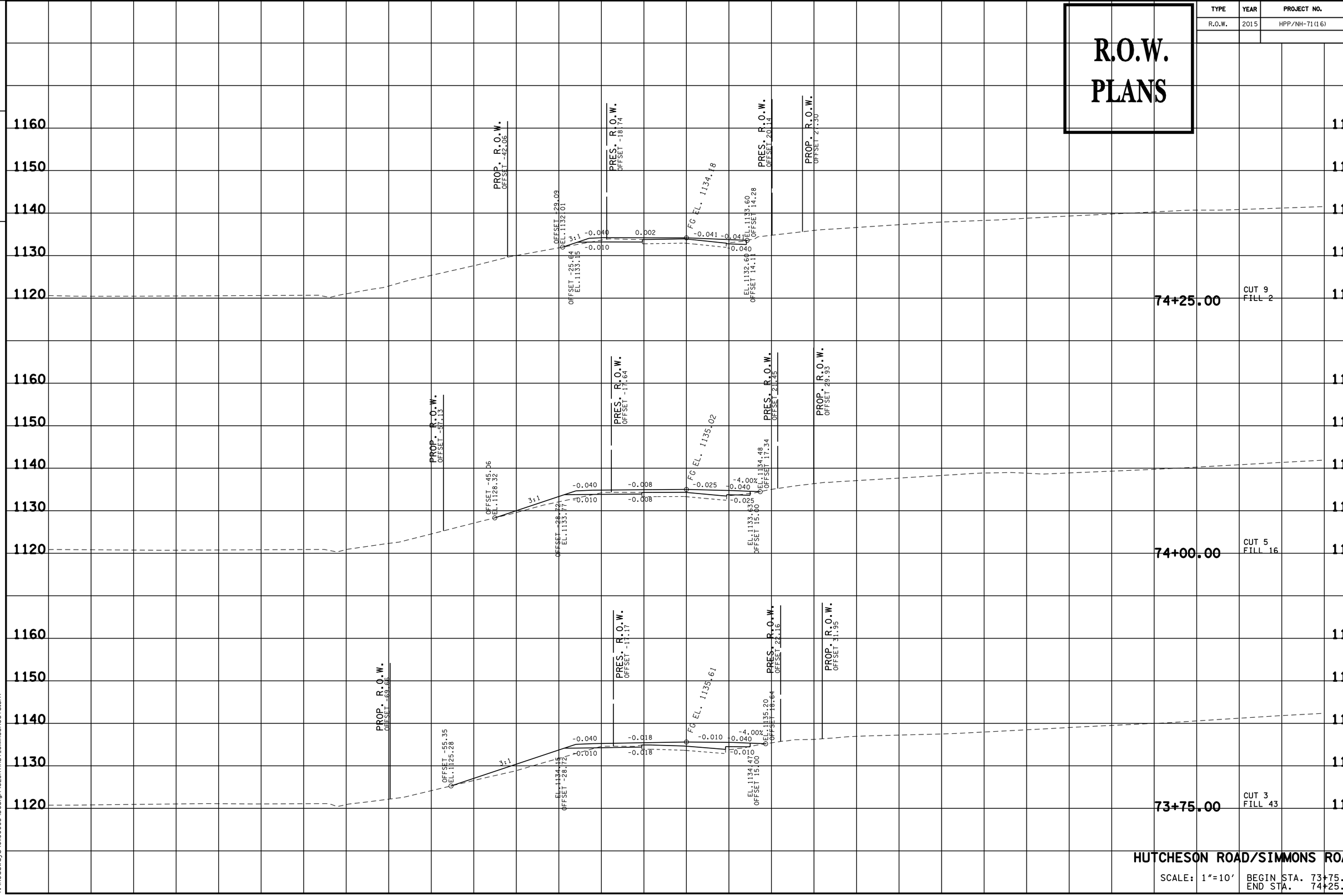
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	122

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10'

BEGIN STA. 73+75.00
END STA. 74+25.00

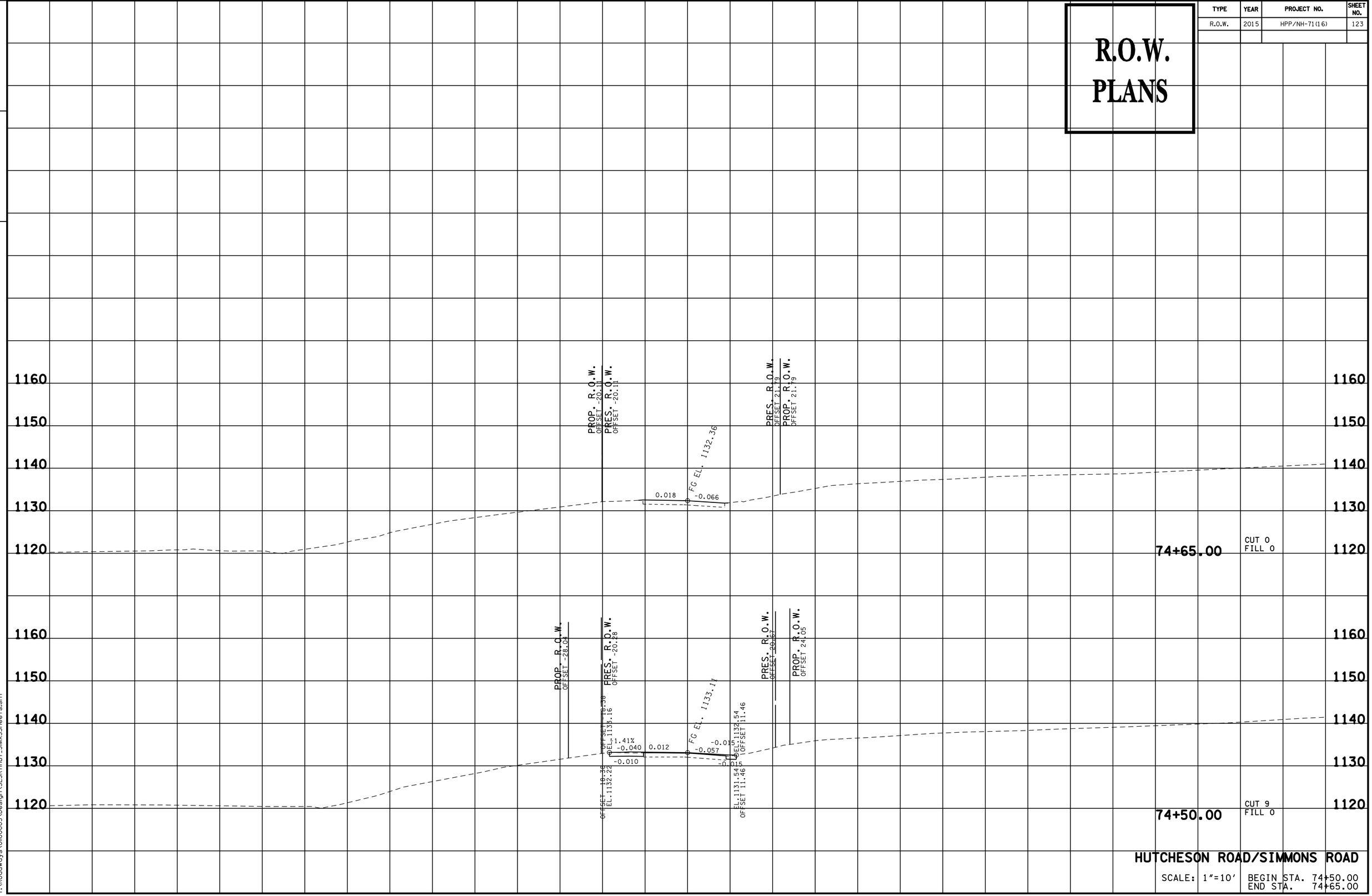
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TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HPP/NH-71(16)	123

R.O.W. PLANS



HUTCHESON ROAD/SIMMONS ROAD

SCALE: 1"=10' BEGIN STA. 74+50.00
END STA. 74+65.00

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