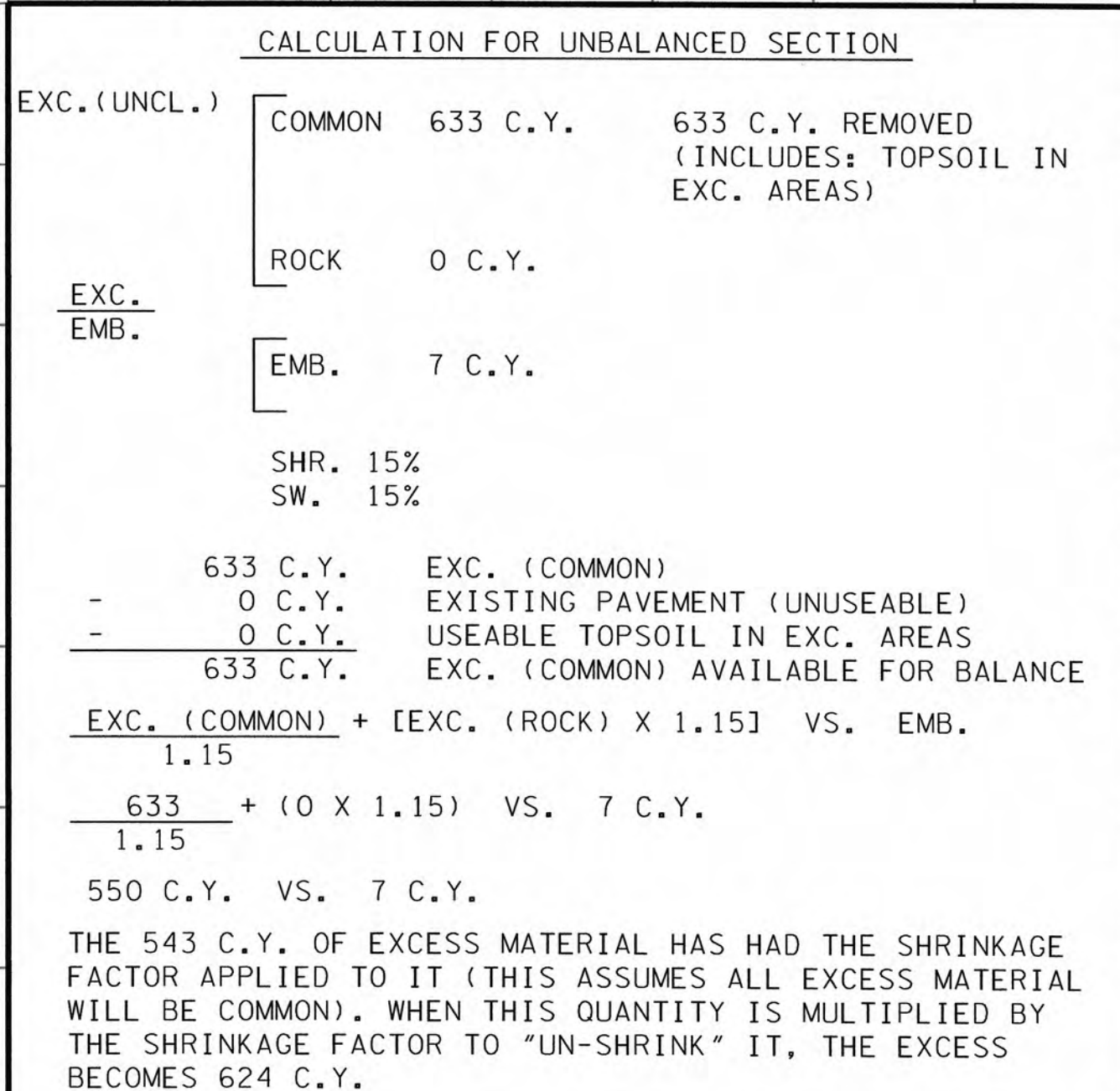




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MAINLINE
PROFILE

STA. 402+00.00 TO
STA. 413+99.99

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

TENNESSEE D.O.T.
DESIGN DIVISION

FILE NO.

2/11/2015 14:01:02 PM
Z:\00212-0819\Transportation\SpineRidge\Sections.sht

R.O.W.
PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1(329)	15
S.R.1		ROANE COUNTY	

830

820

810

22+56

B

F.G. 815.47

830

820

810

22+50

B

F.G. 815.77

END AREAS (SF)	VOLUMES (CY)	ACCUMULATED VOLUMES (CY)
CUT 0	CUT 0	CUT 183.5
FILL 0	FILL 0	FILL 0.5

830

820

810

END AREAS (SF)	VOLUMES (CY)	ACCUMULATED VOLUMES (CY)
CUT 0	CUT 0	CUT 183.5
FILL 0	FILL 0	FILL 0.5

830

820

810

SOUTH PINE RIDGE ROAD

BEGIN STA. 22+50
END STA. 22+54

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

-140

-120

-100

-80

-60

-40

-20

0

20

40

60

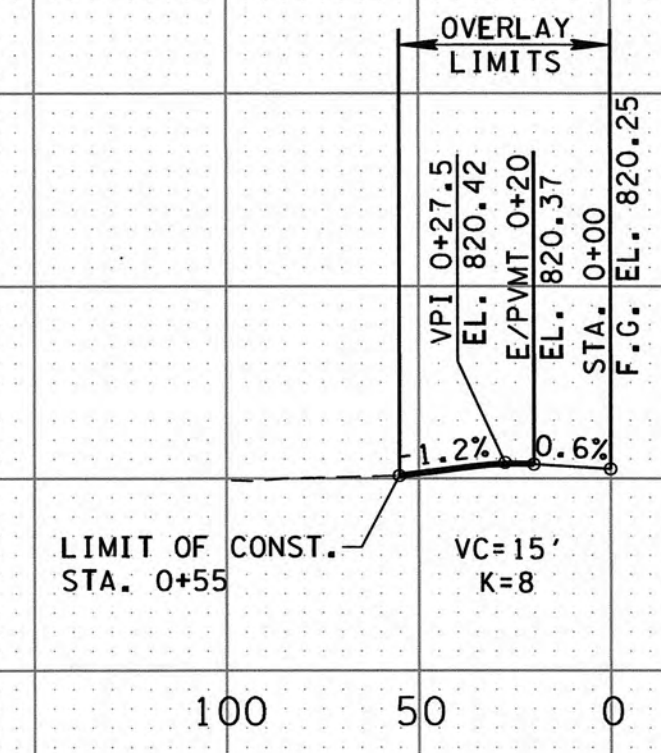
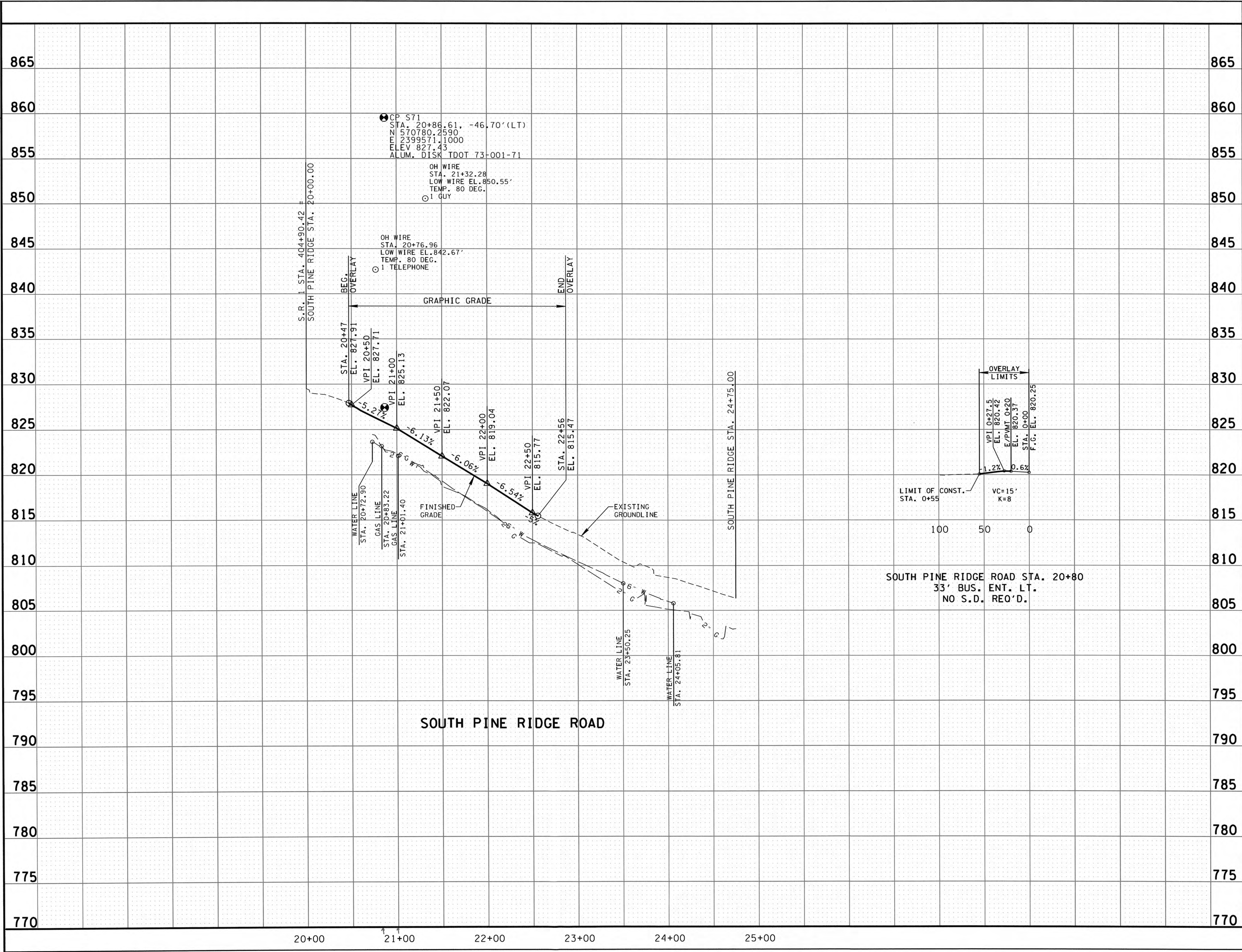
80

100

120

140

2/12/2015 14:43:13 PM
Z:\0022-08.19 Transportation\004E.shx



SOUTH PINE RIDGE ROAD STA. 20+80
33' BUS. ENT. LT.
NO S.D. REQ'D.

R.O.W. PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDEROAD PROFILE AND BUSINESS ENTRANCE

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

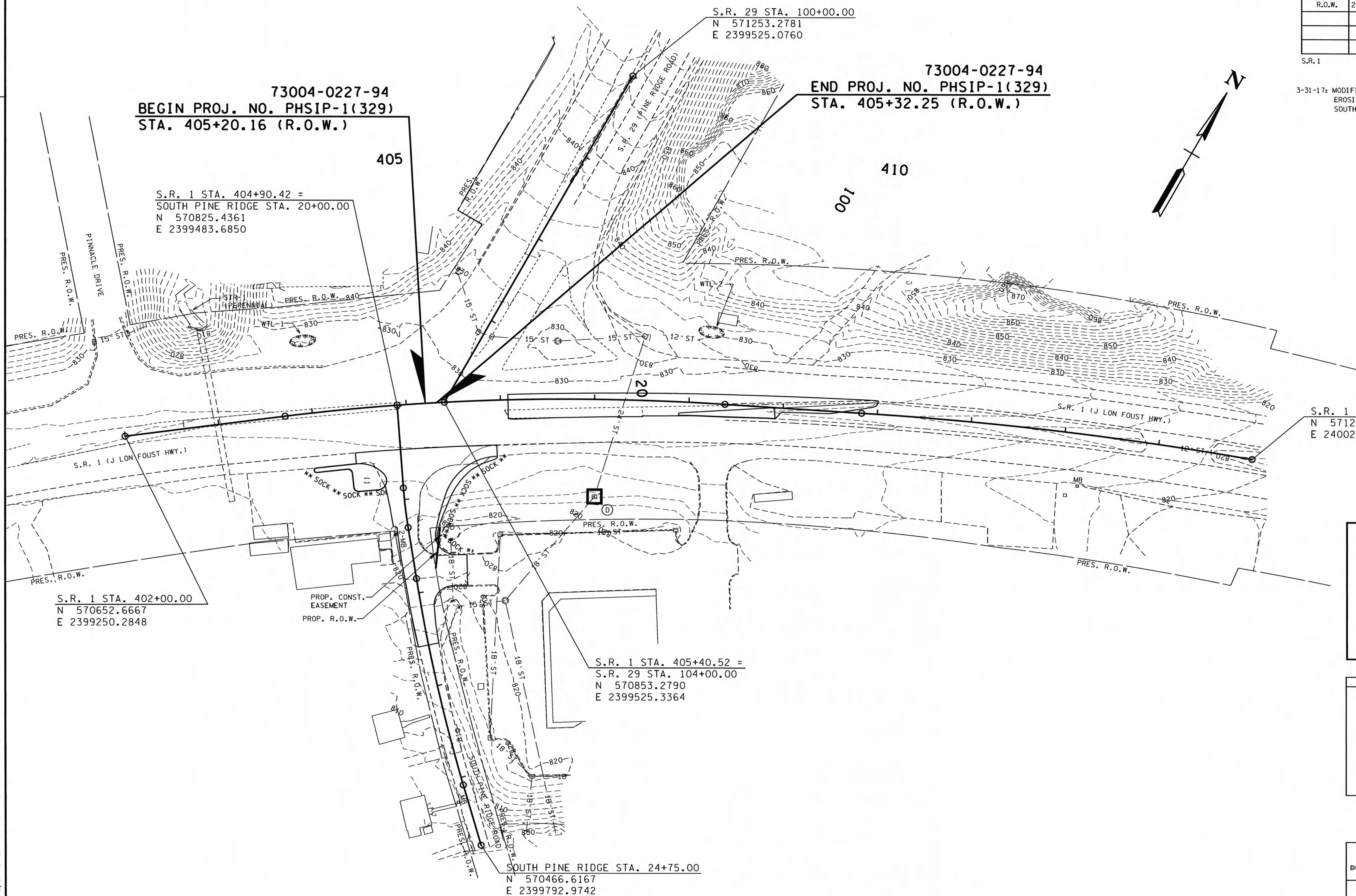
S.R. 1	ROANE COUNTY
--------	--------------

PHASE 1
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1 (329)	6A

S.R. 1	ROANE COUNTY
--------	--------------

3-31-17: MODIFIED CONCRETE ISLAND AND
EROSION CONTROL MEASURES ON
SOUTHWEST CORNER OF INTERSECTION.



R.O.W.
PLANS

SEALED BY

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN**

PHASE 2
SCALE: 1" = 50'

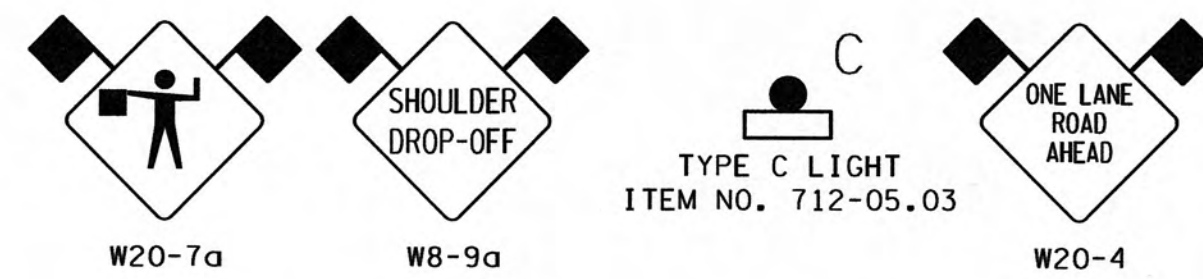
TRAFFIC CONTROL NOTES

THE CONSTRUCTION SIGNING PLANS ARE TO SERVE AS A GUIDE ONLY. OTHER SIGNS MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.

THIS TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."

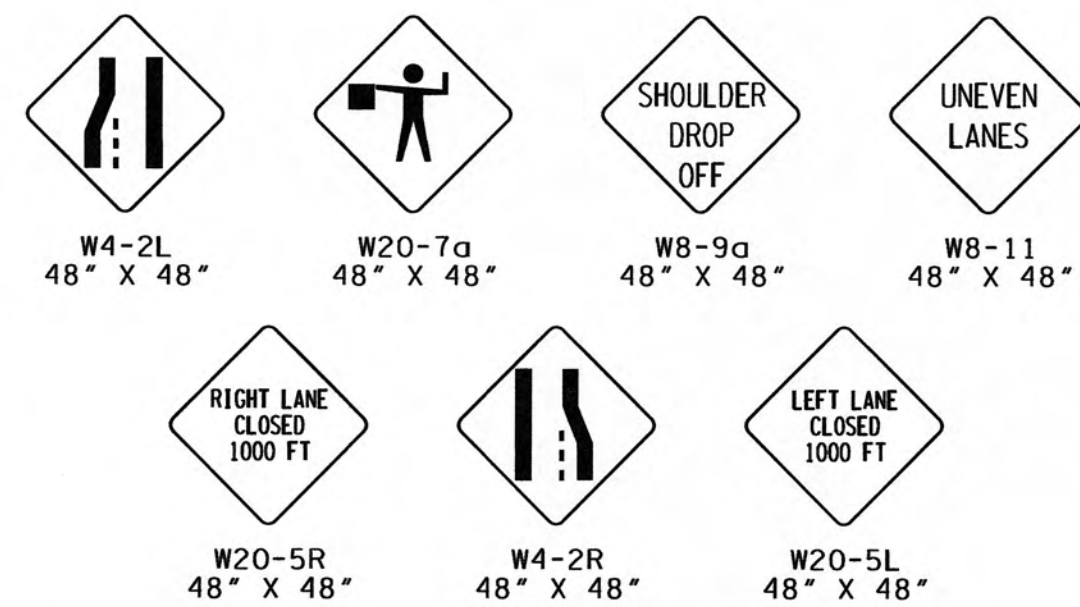
THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL LOCAL PROPERTY OWNERS.

THE CONTRACTOR IS TO HAVE TWO FLAGGERS ON THE PROJECT ANY TIME TRAFFIC NEEDS TO BE RESTRICTED TO ONE LANE. COST OF THE FLAGGERS IS TO BE INCLUDED IN THE COST OF ITEM NO. 712-01, TRAFFIC CONTROL (LUMP SUM).

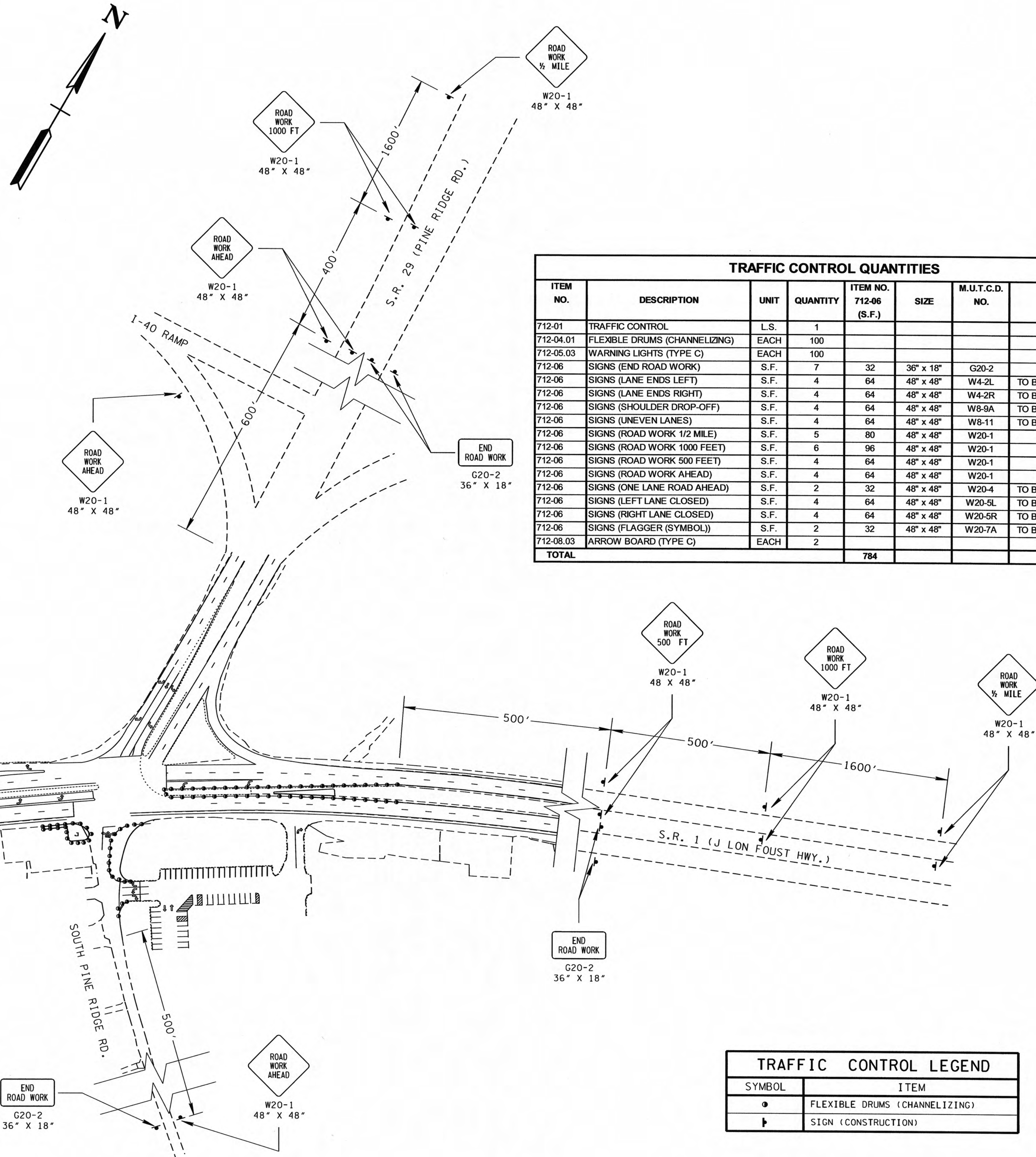


FLAGMAN AHEAD SIGNS, SHOULDER DROP-OFF SIGNS, AND ONE LANE ROAD AHEAD SIGNS ARE TO BE USED WHEN CONSTRUCTION OPERATIONS WARRANT, TO BE LOCATED AS DIRECTED BY THE T.D.O.T. SUPERVISOR. COST IS TO BE INCLUDED IN THE COST OF ITEM 712-06.

2 FLAGS ARE TO BE MOUNTED ON EACH ADVANCE WARNING SIGN. FLAGS ARE TO BE 1.5 FT. X 1.5 FT. AND FLUORESCENT RED-ORANGE IN COLOR. COST OF THE FLAGS ARE TO BE INCLUDED IN THE COST OF ITEM 712-06.



SIGNS SHOWN ABOVE ARE TO BE USED WHEN CONSTRUCTION OPERATIONS WARRANT, TO BE USED AS DIRECTED BY THE T.D.O.T. SUPERVISOR.



TRAFFIC CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ITEM NO. 712-06 (S.F.)	SIZE	M.U.T.C.D. NO.	REMARKS
712-01	TRAFFIC CONTROL	L.S.	1				
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100				
712-05.03	WARNING LIGHTS (TYPE C)	EACH	100				
712-06	SIGNS (END ROAD WORK)	S.F.	7	32	36" x 18"	G20-2	
712-06	SIGNS (LANE ENDS LEFT)	S.F.	4	64	48" x 48"	W4-2L	TO BE USED AS NEEDED
712-06	SIGNS (LANE ENDS RIGHT)	S.F.	4	64	48" x 48"	W4-2R	TO BE USED AS NEEDED
712-06	SIGNS (SHOULDER DROP-OFF)	S.F.	4	64	48" x 48"	W8-9A	TO BE USED AS NEEDED
712-06	SIGNS (UNEVEN LANES)	S.F.	4	64	48" x 48"	W8-11	TO BE USED AS NEEDED
712-06	SIGNS (ROAD WORK 1/2 MILE)	S.F.	5	80	48" x 48"	W20-1	
712-06	SIGNS (ROAD WORK 1000 FEET)	S.F.	6	96	48" x 48"	W20-1	
712-06	SIGNS (ROAD WORK 500 FEET)	S.F.	4	64	48" x 48"	W20-1	
712-06	SIGNS (ROAD WORK AHEAD)	S.F.	4	64	48" x 48"	W20-1	
712-06	SIGNS (ONE LANE ROAD AHEAD)	S.F.	2	32	48" x 48"	W20-4	TO BE USED AS NEEDED
712-06	SIGNS (LEFT LANE CLOSED)	S.F.	4	64	48" x 48"	W20-5L	TO BE USED AS NEEDED
712-06	SIGNS (RIGHT LANE CLOSED)	S.F.	4	64	48" x 48"	W20-5R	TO BE USED AS NEEDED
712-06	SIGNS (FLAGGER (SYMBOL))	S.F.	2	32	48" x 48"	W20-7A	TO BE USED AS NEEDED
712-08.03	ARROW BOARD (TYPE C)	EACH	2				
TOTAL				784			

R.O.W.
PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATIONTRAFFIC
CONTROL
PLAN

SCALE: 1"=100'

S.R. 1

ROANE COUNTY

3-31-17: MODIFIED CONCRETE ISLAND AND
TRAFFIC CONTROL MEASURES ON
SOUTHWEST CORNER OF INTERSECTION.

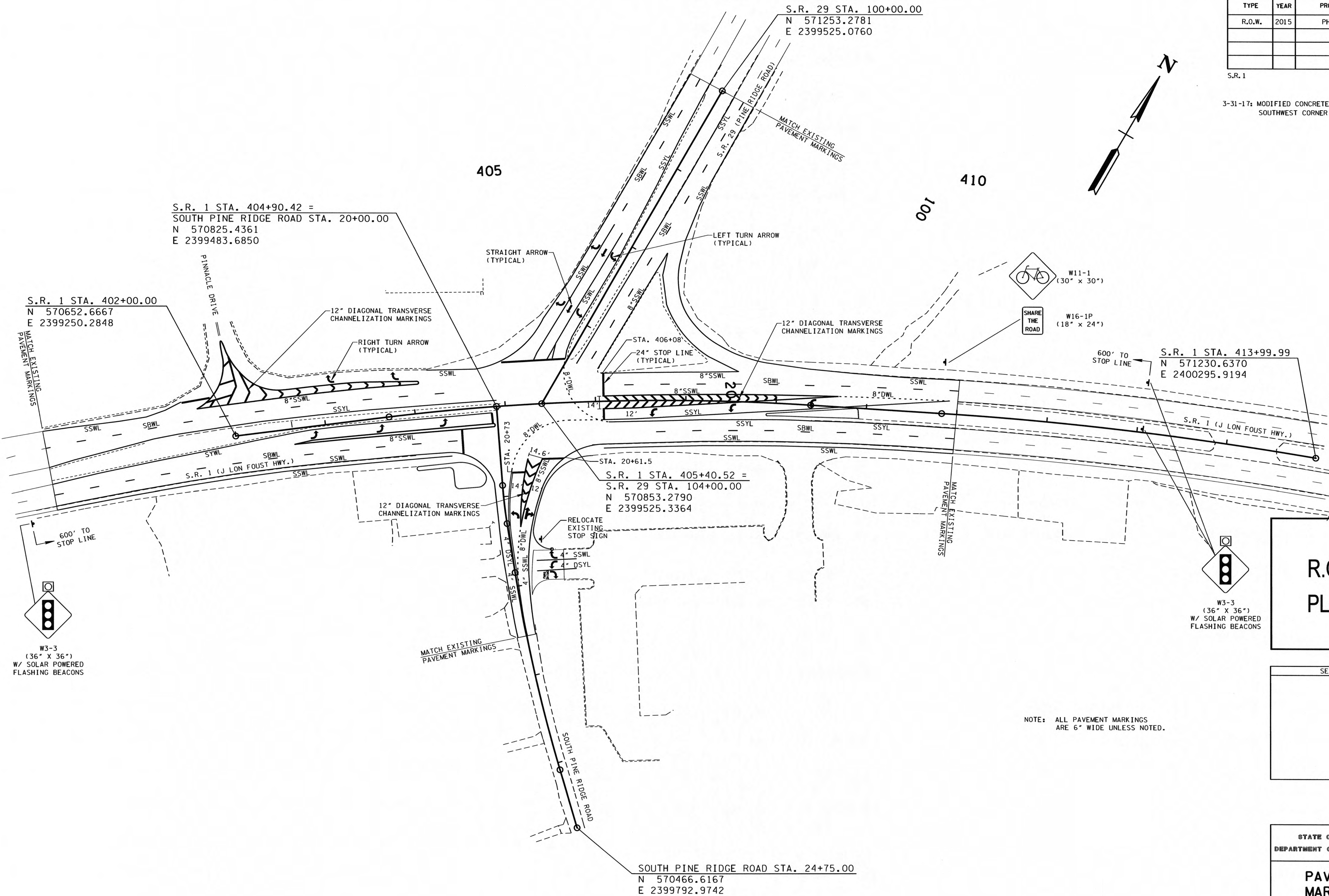
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1 (329)	8

S.R. 1

ROANE COUNTY

3-31-17: MODIFIED CONCRETE ISLAND ON

SOUTHWEST CORNER OF INTERSECTION.



R.O.W.
PLANS

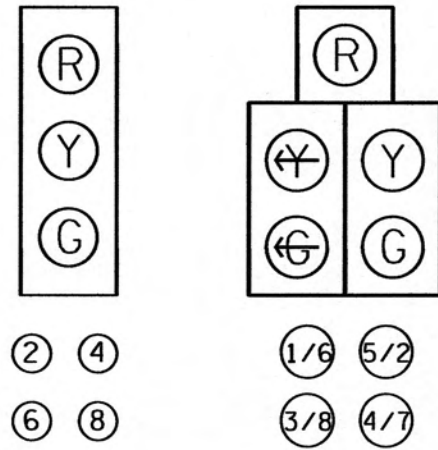
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKINGS
AND
SIGNING PLAN

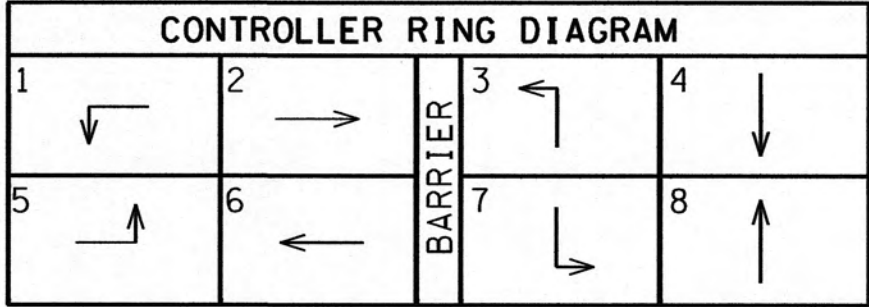
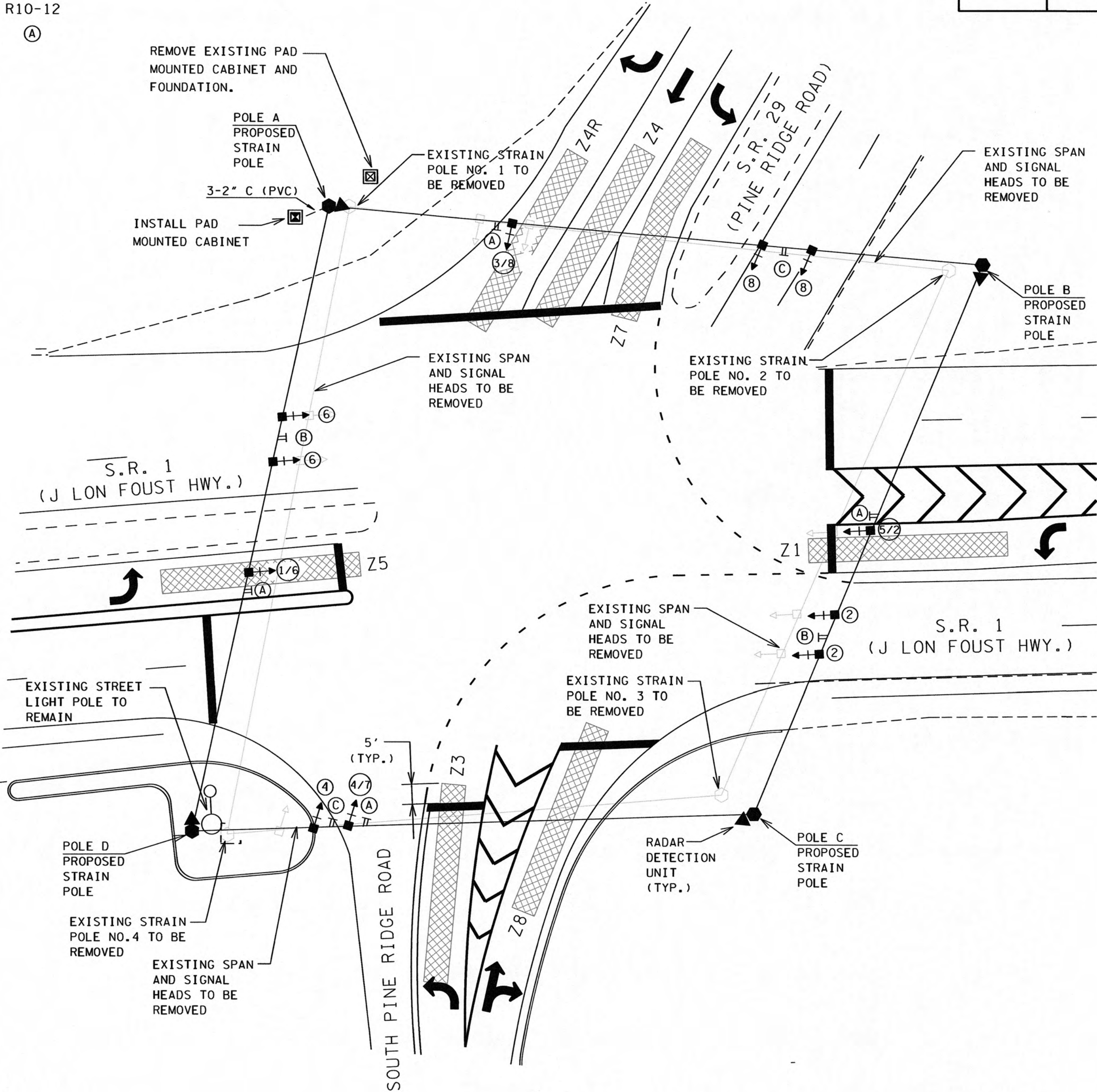
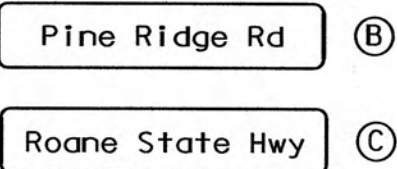
SCALE: 1" = 50'

PROPOSED SIGNAL HEAD DETAILS



ALL SIGNAL HEADS SHALL BE BLACK 12 INCH LED TYPE WITH SAFETY BACKPLATES.

PROPOSED SIGNS



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1 (329)	9
S.R. 1			

3-31-17: MOVED SIGNAL POLE D. ADDED SIGNAL CABINET.

R.O.W.
PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
SIGNAL
PLAN

SCALE: 1"= 20'

RADAR DETECTION ZONE SCHEDULE					
ZONE NO.	ZONE DIMENSIONS (FT.)	ASSOC. PHASE	AMP MODE	COMMENTS	
Z1	50	1	PRES.	DELAY/NORMAL W/ 3 SEC. DELAY**	
Z3	50	3	PRES.	DELAY/NORMAL W/ 3 SEC. DELAY**	
Z4	50	4	PRES.	DELAY/NORMAL W/ 3 SEC. DELAY**	
Z4R	50	4	PRES.	DELAY/NORMAL W/ 10 SEC. DELAY**	
Z5	50	5	PRES.	DELAY/NORMAL W/ 3 SEC. DELAY**	
Z7	50	7	PRES.	DELAY/NORMAL W/ 3 SEC. DELAY**	
Z8	50	8	PRES.	DELAY/NORMAL W/ 10 SEC. DELAY**	

* DETECTORS SPECIFIED AS DELAY/NORMAL SHALL HAVE A TIME DELAYED OUTPUT WHEN ASSOCIATED PHASE NOT GREEN. DELAY SETTINGS AS SPECIFIED. OUTPUT SHALL BE NORMAL WHEN ASSOCIATED PHASE IS GREEN.

LEGEND	
	PROPOSED STRAIN POLE
	PROPOSED SIGNAL HEAD
	DETECTION ZONE
	RADAR DETECTOR
	PULL BOX
	CONDUIT
	EXISTING STRAIN POLE
	EXISTING SIGNAL HEAD

[illegible]

TENNESSEE D.O.T. DESIGN DIVISION		FILE NO.											TYPE		YEAR	PROJECT NO.		SHEET NO.		
													R.O.W.		2015	PHSIP-1(329)		11		
													S.R.1				ROANE COUNTY			
840																	840			
830																	830			
820													END AREAS (SF) CUT : 38.4 FILL : 0		VOLUMES (CY) CUT : 71.3 FILL : 0		ACCUMULATED VOLUMES (CY) CUT : 132.5 FILL : 0		820	
			407+00																	
840																	840			
830																	830			
820													END AREAS (SF) CUT : 38.6 FILL : 0		VOLUMES (CY) CUT : 35.7 FILL : 0		ACCUMULATED VOLUMES (CY) CUT : 61.2 FILL : 0		820	
			406+50																	
840																	840			
830																	830			
820													END AREAS (SF) CUT : 0 FILL : 0		VOLUMES (CY) CUT : 0 FILL : 0		ACCUMULATED VOLUMES (CY) CUT : 25.5 FILL : 0		820	
			406+00																	
840																	840			
830																	830			
820													END AREAS (SF) CUT : 0 FILL : 0		VOLUMES (CY) CUT : 0 FILL : 0		ACCUMULATED VOLUMES (CY) CUT : 25.5 FILL : 0		820	
			405+50																	
840																	840			
830																	830			
820													END AREAS (SF) CUT : 0 FILL : 0		VOLUMES (CY) CUT : 0 FILL : 0		ACCUMULATED VOLUMES (CY) CUT : 25.5 FILL : 0		820	
			END PROJ. NO. PHSIP-1(329) STA. 405+32.25 (R.O.W.)																	
																	S.R. 1			
													SCALE: 1" = 10'		HORIZ. & VERT.		BEGIN STA. 405+50 END STA. 407+00			

[illegible]

Index Of Sheets

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS AND PAVEMENT SCHEDULE
3	PROPERTY MAP
3A	R.O.W. NOTES, R.O.W. ACQUISITION TABLE, UTILITY OWNERS & UTILITY NOTES
4	PRESENT LAYOUT
4A	EXISTING UTILITY CHARTS
4B	R.O.W. DETAILS
4C	PROPOSED LAYOUT
4D	MAINLINE PROFILE
4E	SIDEROAD PROFILE AND BUSINESS ENTRANCE
5	DRAINAGE MAP
6	EROSION PREVENTION AND SEDIMENT CONTROL PLAN - PHASE 1
6A	EROSION PREVENTION AND SEDIMENT CONTROL PLAN - PHASE 2
7	TRAFFIC CONTROL PLAN
8	PAVEMENT MARKINGS AND SIGNING PLAN
9	TRAFFIC SIGNAL PLAN
10-15	ROADWAY CROSS-SECTIONS

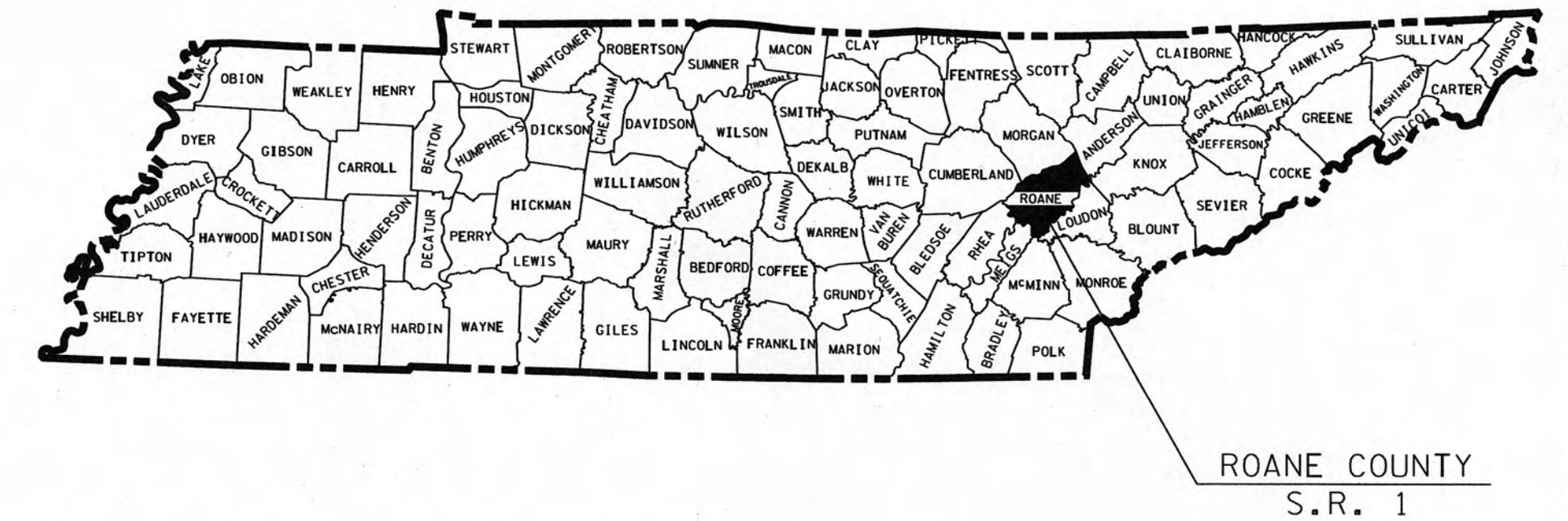
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

ROANE COUNTY

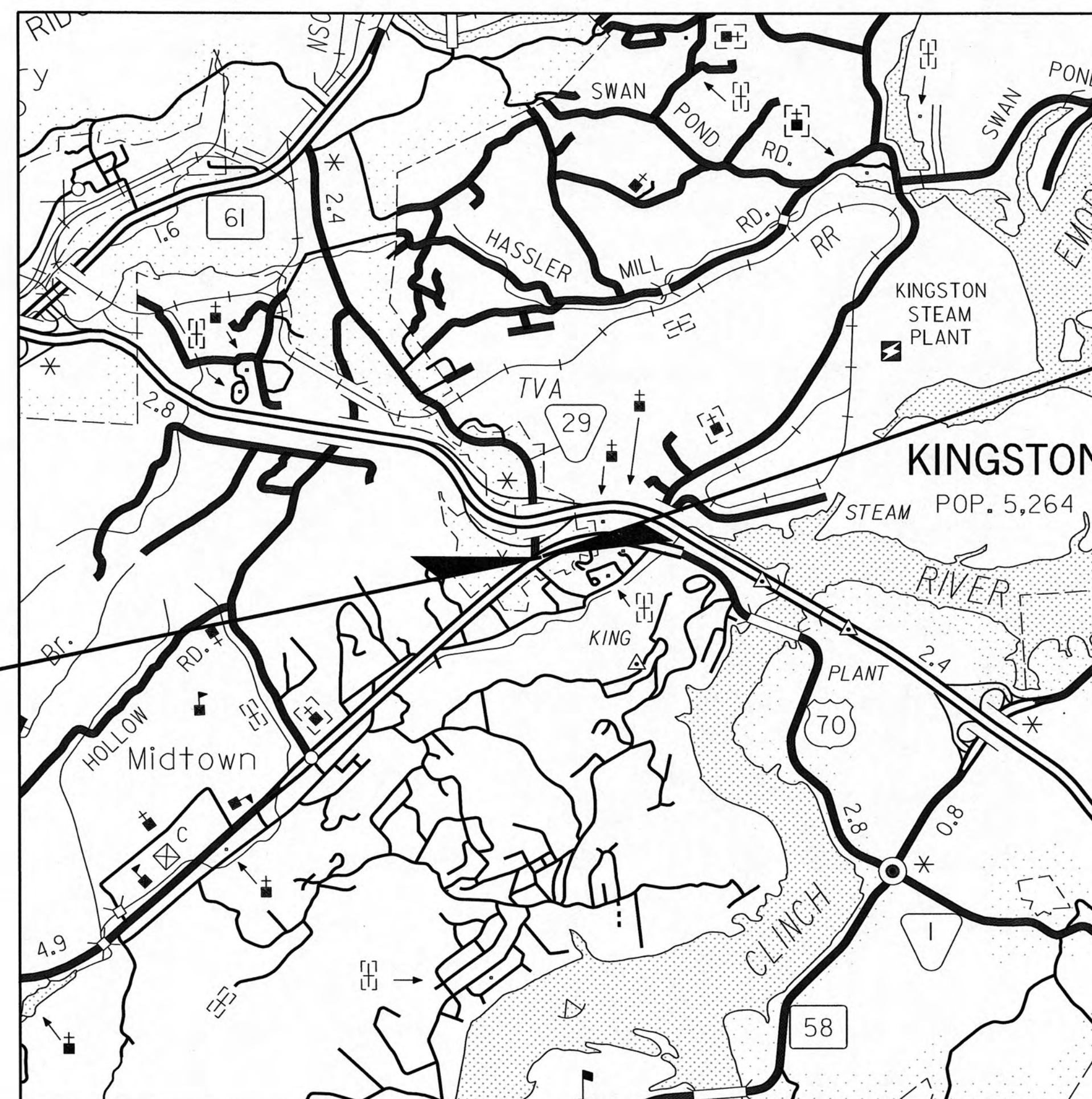
SR-1, INTERSECTION AT SR-29
(PINE RIDGE ROAD) IN HARRIMAN

RIGHT-OF-WAY

STATE HIGHWAY NO. 1 F.A.H.S. NO. 1



73004-0227-94
BEGIN PROJ. NO. PHSIP-1(329)
STA. 405+20.16 (R.O.W.)



SCALE: 1"= 1/2 MILE

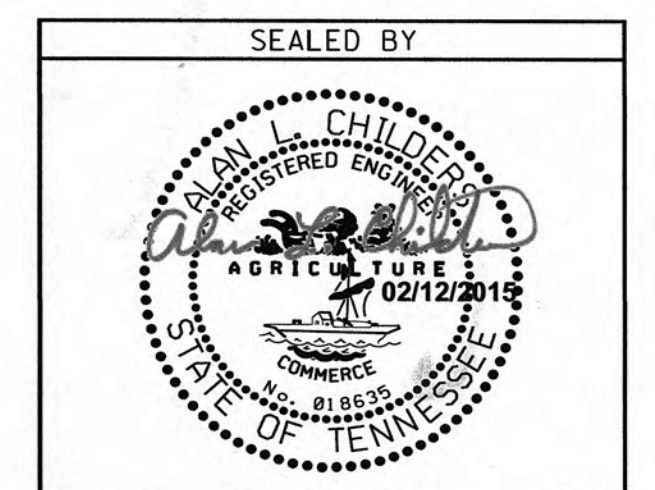
RIGHT-OF-WAY LENGTH

0.002 MILES

73004-0227-94
END PROJ. NO. PHSIP-1(329)
STA. 405+32.25 (R.O.W.)

NO EXCLUSIONS
NO EQUATIONS

TDOT
Intersection
Improv.
@ PineRidge/
S.R.1(US70)
Midtown



APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER
DATE: _____
APPROVED: John Schroer
JOHN SCHROER, COMMISSIONER

SPECIAL NOTES

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

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

TDOT C.E. MANAGER 1 OR
TDOT DESIGN MANAGER 1 DAVID MOSS, P.E.

DESIGNED BY CANNON & CANNON, INC.

DESIGNER ALAN CHILDERS, P.E. CHECKED BY REBECCA BOTTOMS, P.E.

P.E. NO. 73004-0227-94

PIN NO. 120388.00

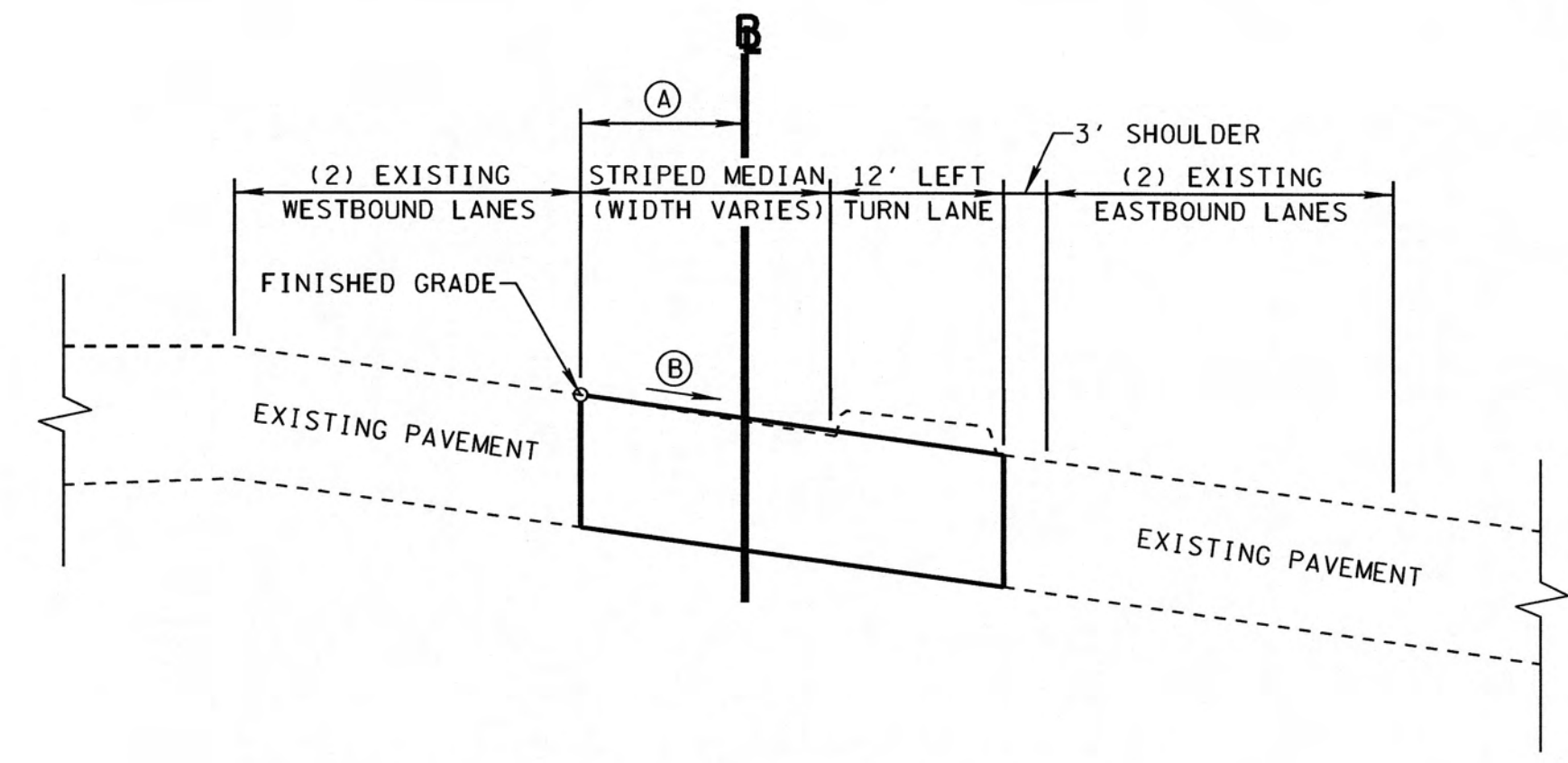
TRAFFIC DATA	
ADT (2015)	16,610
ADT (2035)	19,940
DHV (2035)	1,971
D	55 - 45
T (ADT)	6 %
T (DHV)	4 %
V	45 MPH

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

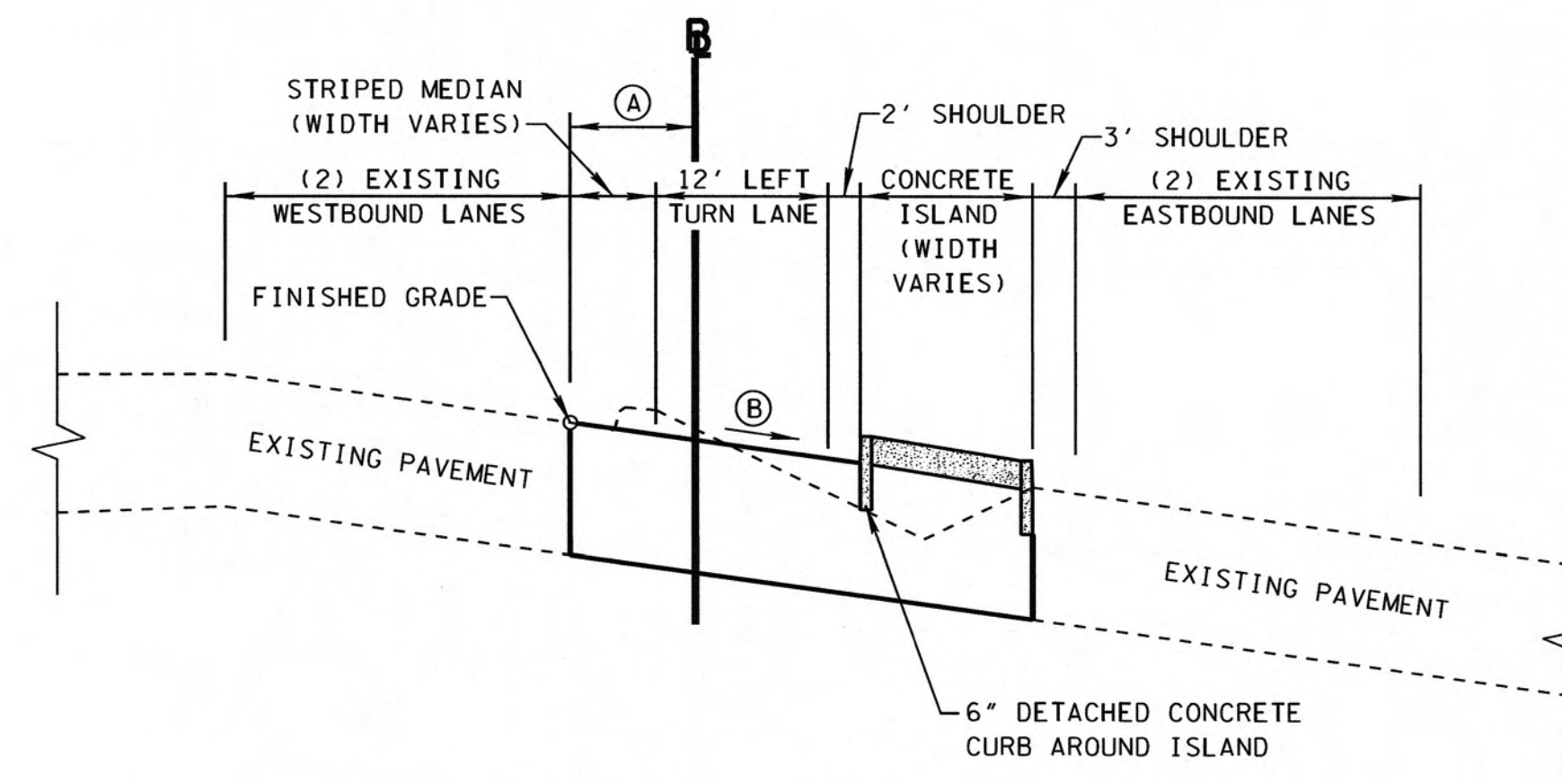
APPROVED: _____
DIVISION ADMINISTRATOR DATE

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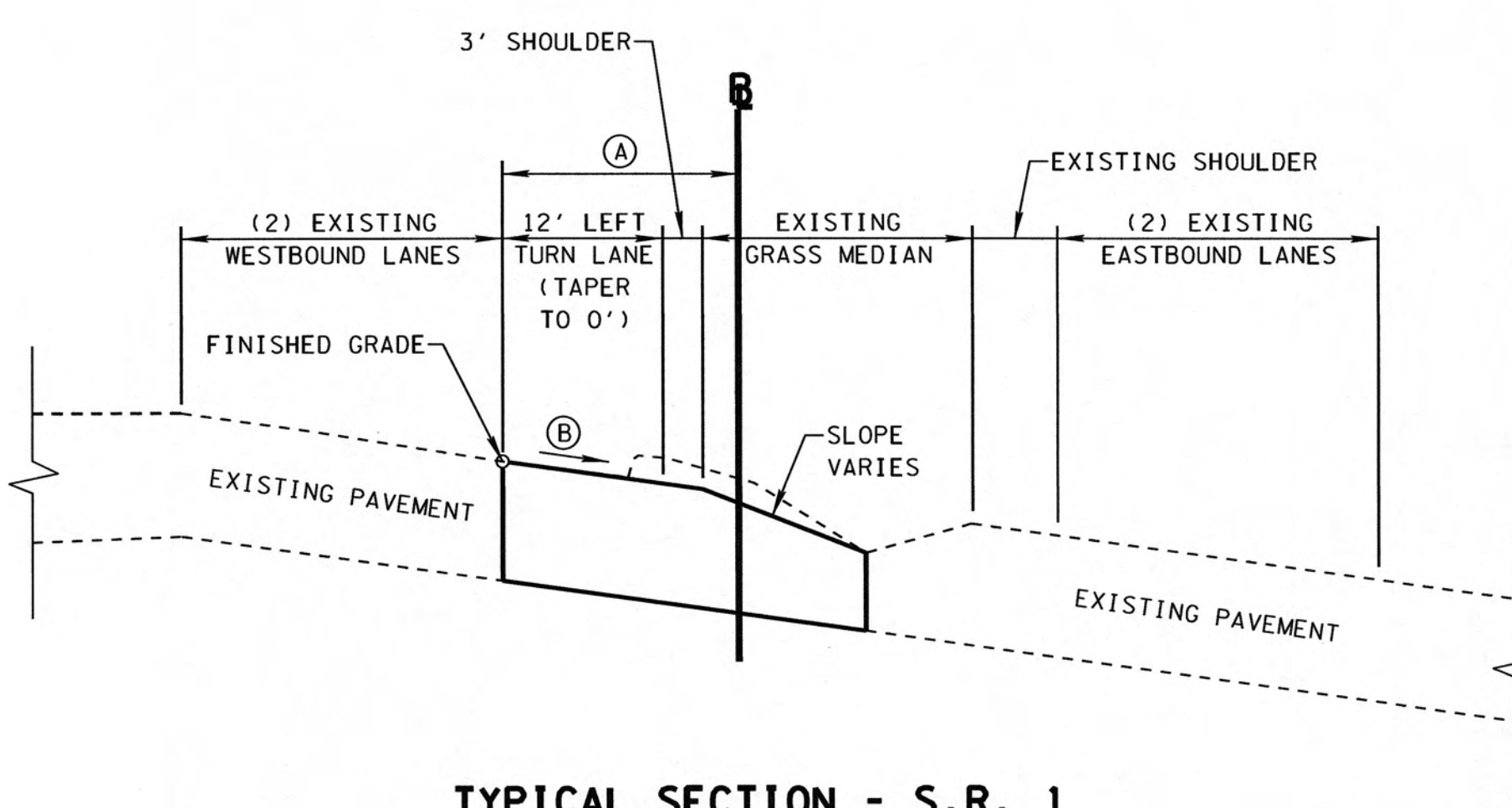
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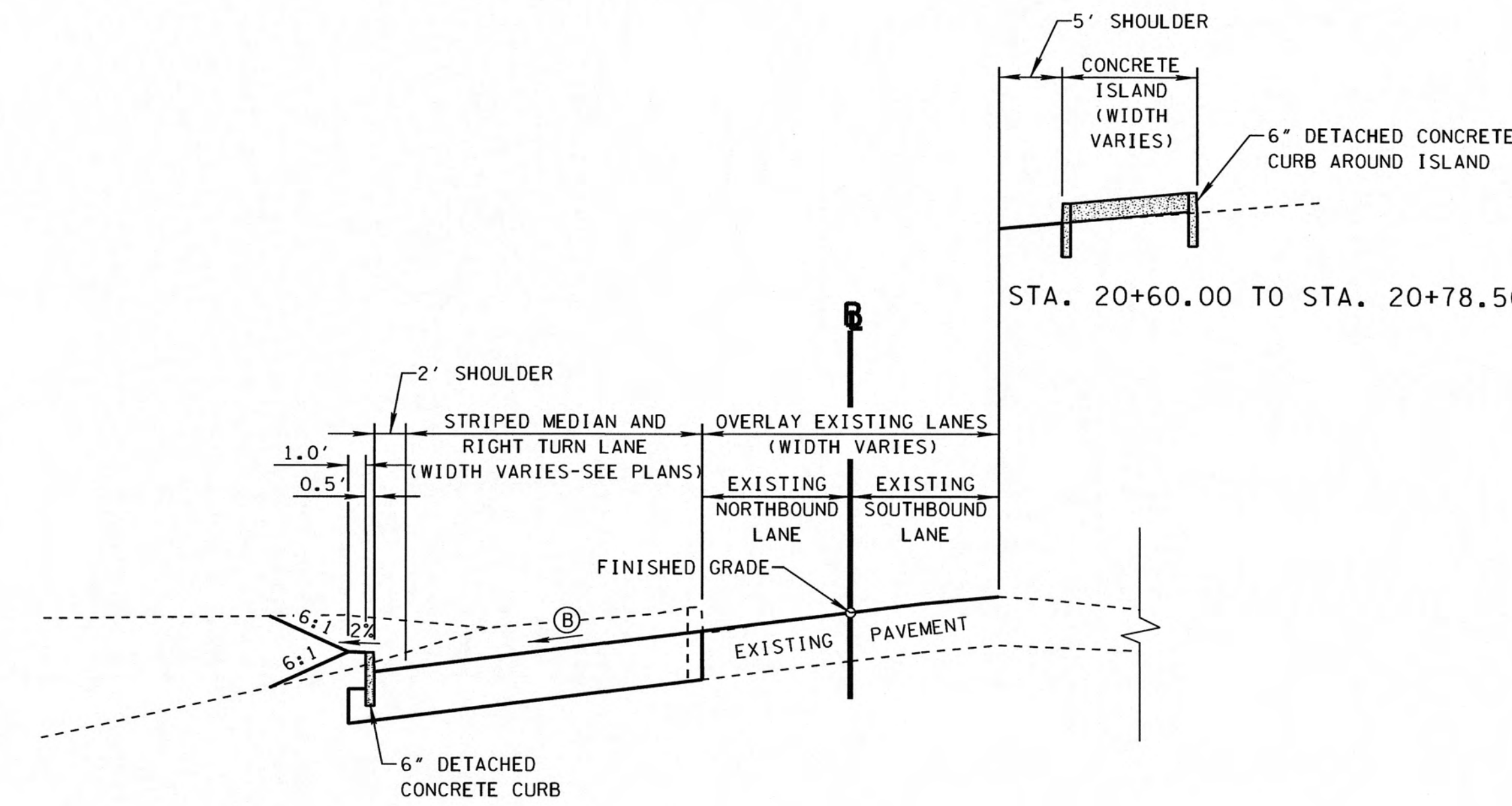
TYPICAL SECTION - S.R. 1
STA. 406+08.00 TO STA. 407+89.20



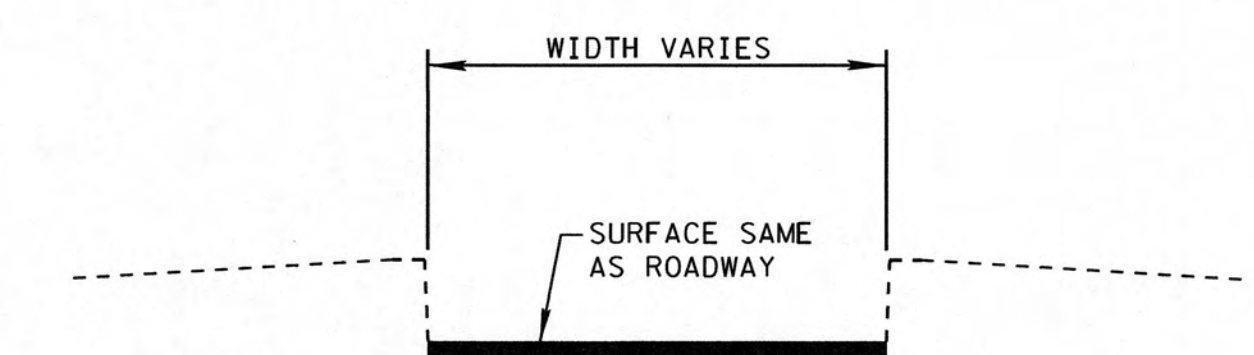
TYPICAL SECTION - S.R. 1
STA. 407+89.20 TO STA. 408+92.30



TYPICAL SECTION - S.R. 1
STA. 408+92.30 TO STA. 410+00.00



TYPICAL SECTION - SOUTH PINE RIDGE ROAD
STA. 20+60.00 TO STA. 22+56.00



TYPICAL SECTION
BUSINESS ENTRANCE
STA. 21+80 SOUTH PINE RIDGE ROAD

- GENERAL NOTES**
- Ⓐ DISTANCE FROM BASELINE AND FINISHED GRADE (LANE LINE) VARIES. REFER TO PROPOSED LAYOUT AND CROSS-SECTIONS.
 - Ⓑ MATCH EXISTING SUPERELEVATION RATE.

PROPOSED PAVEMENT SCHEDULE	
⊙	⊙
⊙	⊙
⊙	⊙

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1 (329)	2

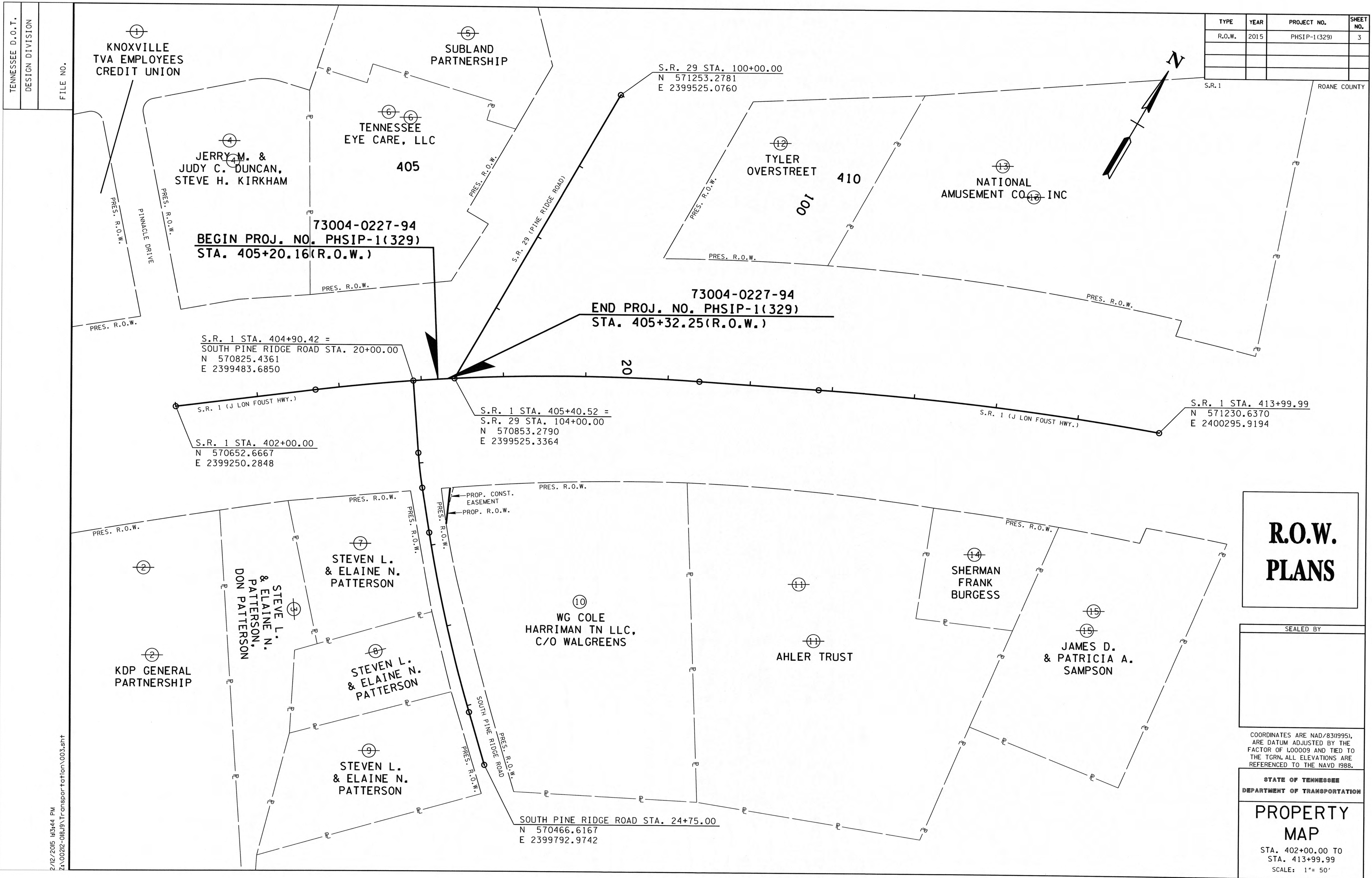
S.R. 1 ROANE COUNTY
3-31-17: UPDATED TYPICAL SECTION FOR SOUTH PINE RIDGE ROAD.

R.O.W.
PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS
AND
PAVEMENT
SCHEDULE



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1(329)	3

S.R. 1 ROANE COUNTY

**R.O.W.
PLANS**

SEALED BY

COORDINATES ARE NAD(83)(995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00009 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PROPERTY
MAP**
STA. 402+00.00 TO
STA. 413+99.99
SCALE: 1"= 50'

S.R. 1 ROANE COUNTY

SCALE: 1"=200'

TYPE	YEAR	PROJECT NO.	SHE NO.
R.O.W.	2015	PHSIP-1(329)	4

S.R. 1 / ROANE COUNTY

3-31-17: MOVED SIGNAL POLE D

ROANE COUNTY

S.R. 1 STA. 404+90.42	=	
SOUTH PINE RIDGE ROAD		STA. 20+00.00
N 570825.4361		
E 2399483.6850		

73004-0227-94
END PROJ. NO. PHSIP-1(329)
STA. 405+32.25 (R.O.W.)

S.R. 1 STA. 413+99.99
N 571230.6370
E 2400295.9194

S.R. 1 STA. 402+00.00
N 570652.6667
E 2399250.2848

PI NO. 1
PI 406+05.28
N 570,896.9801
E 2,399,573.6488
Δ 10°42'24" (RT)
D 2°17'31"
R 2,500.00'
L 467.17'
T 234.27'
PC 403+71.02
PT 408+38.18

PI NO. 2
PI 411+91.89
N 571,158.0972
E 2,400,100.4573
Δ 6°00'17" (RT)
D 1°26'29"
R 3,975.00'
L 416.60'
T 208.49'
PC 409+83.40
PT 413+99.99

04-11-2017
Amber Warren
is asking about
foundation @ TDO
of Signal diameter
Poles.

Sharron Deane
Vaughn *melton
(865) 546-5800
↑
Designer for W
Relocation

$$\begin{array}{r} 5+40.52 \\ \hline 04+00.00 \end{array}$$

PI NO. 4
PI 22+96.67
N 570,589.9862
E 2,399,663.8107
Δ 7°06'47" (LT)
D 3°10'59"
R 1,800.00'
L 223.47'
T 111.88'
PC 21+84.80
PT 24+08.26

00

SOUTH PINE RIDGE ROAD STA. 24+75.00
N 570466.6167
E 2399792.9742

R.O.W. PLANS

PROPERTY OWNERS	
TRACT	OWNER
1	KNOXVILLE TVA EMPLOYEES CREDIT UNION
2	KOP GENERAL PARTNERSHIP
3	STEVEN L. & ELAINE N. PATTERSON, DON PATTERS
4	JERRY M. & JUDY C. DUNCAN, STEVE H. KIRKHA
5	SUBLAND PARTNERSHIP
6	TENNESSEE EYE CARE, LLC
7	STEVEN L. & ELAINE N. PATTERSON
8	STEVEN L. & ELAINE N. PATTERSON
9	STEVEN L. & ELAINE N. PATTERSON
10	WG COLE HARRIMAN TN LLC, C/O WALGREENS
11	AHLER TRUST
12	TYLER OVERSTREET
13	NATIONAL AMUSEMENT CO., INC
14	SHERMAN FRANK BURGESS
15	JAMES D. & PATRICIA A. SAMPSON

SEALD B

COORDINATES ARE NAD/83(1995)
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00009 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 402+00.00 TO
STA. 413+99.99
SCALE: 1"= 50'

CONTROL POINTS							
POINT	NORTH	EAST	ELEV.	STATION	OFFSET	FEATURE	DESCRIPTION
S14	572049.0330	2399545.8730	888.28	410+68.32	1045.69' (LT)		73-29-14
S15	571940.3000	2399414.5150	881.84	409+24.67	1005.46' (LT)	XCP	73-29-15
S70	571081.7320	2399525.9820	836.21	406+57.12	193.76' (LT)	XCP	73-001-70
S71	570780.2590	2399571.1000	827.43	405+38.79	86.16' (RT)	XCP	73-001-71
S72	570997.5360	2399924.1040	826.54	409+62.57	65.54' (RT)	XCP	73-001-72

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1 (329)	4A

S.R. 1

ROANE COUNTY

STORM CATCH BASINS						
NO.	STATION	OFFSET	NORTHING	EASTING	TOP ELEV.	INV. ELEV.
①	401+79.86	103.39' LT.	570723.0150	2399171.8890	829.62	821.62
②	402+15.71	107.68' LT.	570748.0500	2399197.9070	829.35	820.75 (SW) 820.68 (NE)
③	103+17.16	6.12' LT.	570936.1180	2399519.1610	830.51	827.63
④	103+14.31	8.59' RT.	570938.9720	2399533.8710	830.7	827.05
⑤	406+61.38	61.79' LT.	570970.2484	2399596.7533	829.18	826.28
⑥	407+51.56	68.34' LT.	571021.3580	2399674.1590	827.46	824.16 (SW) 822.26 (NE) 819.31 (SE)
⑦	407+00.59	103.10' RT.	570846.8370	2399712.8100	824.23	800.93
⑧	21+52.96	95.22' RT.	570761.5350	2399646.7700	819.06	813.96
⑨	22+24.46	88.86' RT.	570703.8918	2399686.1083	820.18	815.38 (SW) 798.63 (NW) 798.63 (SE)
⑩	23+67.59	40.78' RT.	570569.9835	2399744.4480	817.33	811.73
⑪	24+20.07	72.71' RT.	570557.1354	2399803.4742	819.91	811.03 (SW) 810.77 (NE) 810.77 (NW)
⑫	407+91.82	136.21' RT.	570859.1510	2399804.9510	818.97	815.02

SANITARY SEWER MANHOLES							
NO.	STATION	OFFSET	NORTHING	EASTING	TOP ELEV.	INV. ELEV.	NOTES
①	401+77.51	65.10' LT.	570691.0494	2399193.0923	828.96	813.86 (NW) 813.74 (SW) 813.68 (NE)	
②	404+69.48	83.07' LT.	570881.7584	2399419.0163	829.58	811.55 (SW) 811.48 (NE)	
③	103+07.23	82.27' RT.	570945.9954	2399443.0013	832.07	827.17 826.12	TOP OF FM BOTTOM OF BOX
④	101+93.89	93.52' LT.	571059.4454	2399618.7173	833.46	810.31 (SW) 810.26 (SE)	
⑤	407+60.85	90.06' LT.	571045.0254	2399672.3233	831.23	809.47 (NW) 809.43 (SE)	
⑥	407+36.80	126.66' RT	570843.0534	2399754.4463	820.26	N/A	
⑦	407+43.80	125.13' RT.	570847.5824	2399759.5563	820.45	N/A	
⑧	410+11.34	74.58' RT.	571010.7744	2399971.3873	826.14	820.51	
⑨	410+12.10	64.76' LT.	571136.3884	2399911.0763	829.20	808.52 (NW) 808.44 (SE)	
⑩	413+10.38	72.93' RT.	571130.7300	2400239.1761	819.91	815.33 (NW) 815.24 (SE)	
⑪	N/A	N/A	571193.1254	2400379.0553	815.72	807.57 (NW) 807.47 (SE)	

SIGNS					
NO.	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
①	400+80.92	58.57' RT.	570534.0945	2399195.3935	I-40
②	400+81.18	55.82' RT.	570536.3408	2399193.7859	NORTH 29
③	401+66.40	65.24' LT.	570684.1595	2399183.8135	STOP
④	21+60.50	27.28' RT.	570712.7465	2399598.8825	STOP
⑤	22+25.99	141.48' RT.	570736.9699	2399727.0629	HANDICAP PARKING
⑥	22+38.17	127.25' RT.	570719.1471	2399723.6232	HANDICAP PARKING
⑦	22+54.98	124.72' RT.	570705.7095	2399732.0174	HANDICAP PARKING
⑧	102+44.23	51.87' RT.	571008.9915	2399473.3615	CAMPING
⑨	102+43.04	47.28' RT.	571010.2085	2399477.9555	HOSPITAL
⑩	102+32.97	59.68' RT.	571020.2710	2399465.5460	FOOD
⑪	101+65.93	53.04' RT.	571087.3160	2399472.1450	KINGSTON
⑫	101+65.65	47.60' RT.	571087.6005	2399477.5795	HWY 70
⑬	100+17.69	52.43' RT.	571235.5538	2399472.6548	LANE DIRECTION
⑭	100+16.47	9.14' RT.	571236.7985	2399515.9515	LANE DIRECTION
⑮	101+25.36	61.94' LT.	571127.9630	2399587.0940	KNOXVILLE/NASHVILLE
⑯	101+97.02	74.90' LT.	571056.3032	2399600.1008	YIELD
⑰	406+13.70	39.12' LT.	570925.7905	2399566.7095	I-40
⑱	406+14.65	36.20' LT.	570923.7979	2399569.0545	NORTH 29
⑲	407+11.43	50.13' LT.	570985.6015	2399646.9465	I-40
⑳	407+11.81	45.06' LT.	570981.3675	2399649.7585	NORTH 29
㉑	408+47.14	85.97' RT.	570927.9675	2399829.7525	STOP
㉒	410+29.03	52.17' LT.	571132.5365	2399932.0225	BIKE ROUTE
㉓	411+85.72	50.44' LT.	571196.9805	2400077.0635	I-40

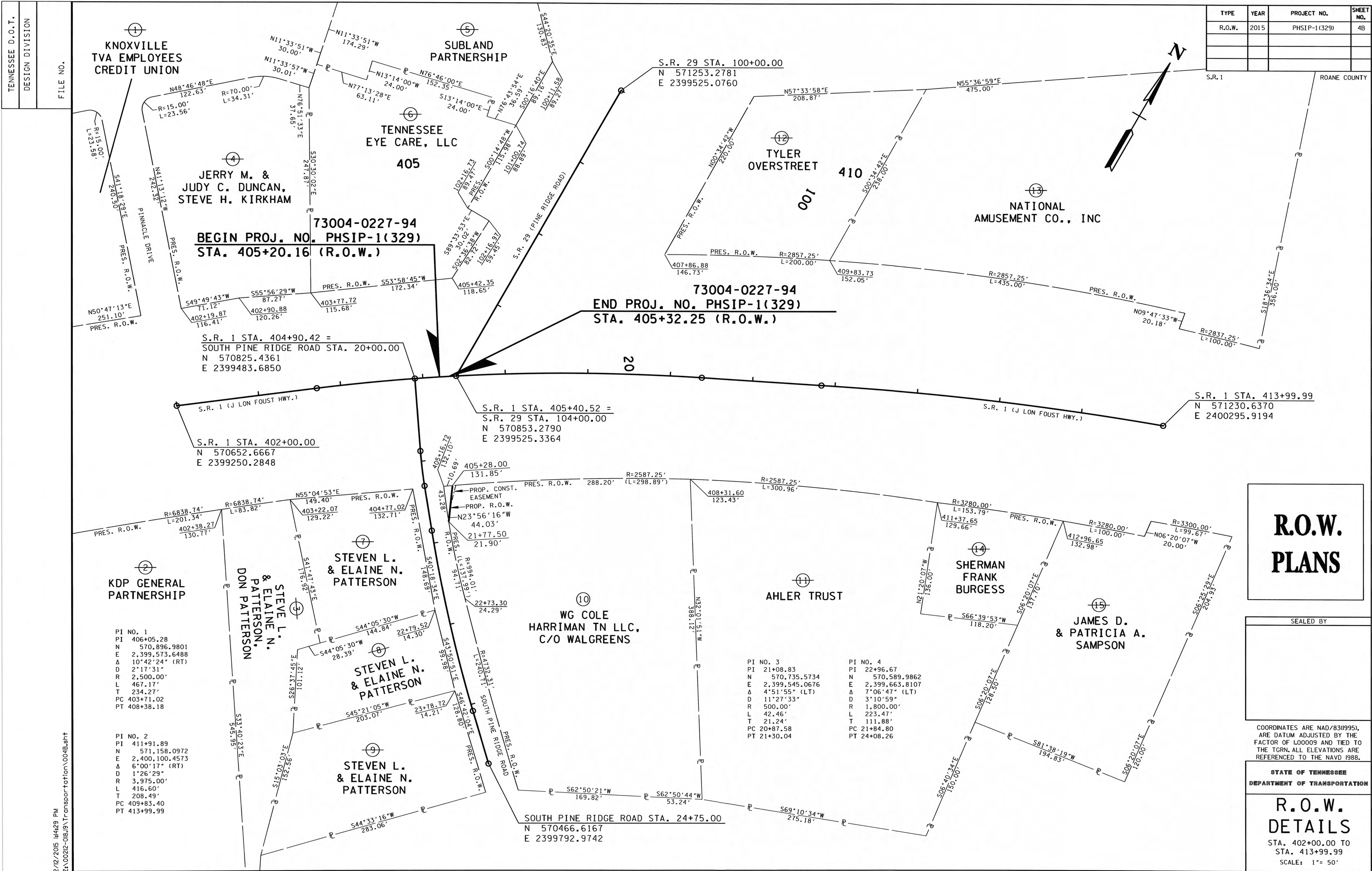
R.O.W.

PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EXISTING
UTILITY
CHARTS



**R.O.W.
PLANS**

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00009 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**R.O.W.
DETAILS**

STA. 402+00.00 TO
STA. 413+99.99
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	PHSIP-1(329)	4C

S.R. 1 ROANE COUNTY

3-31-17: MODIFIED CONCRETE ISLAND ON
SOUTHWEST CORNER OF INTERSECTION.

73004-0227-94
BEGIN PROJ. NO. PHSIP-1(329)
STA. 405+20.16 (R.O.W.)

73004-0227-94
END PROJ. NO. PHSIP-1(329)
STA. 405+32.25 (R.O.W.)

S.R. 1 STA. 404+90.42 =
SOUTH PINE RIDGE STA. 20+00.00
N 570825.4361
E 2399483.6850

S.R. 1 STA. 402+00.00
N 570652.6667
E 2399250.2848

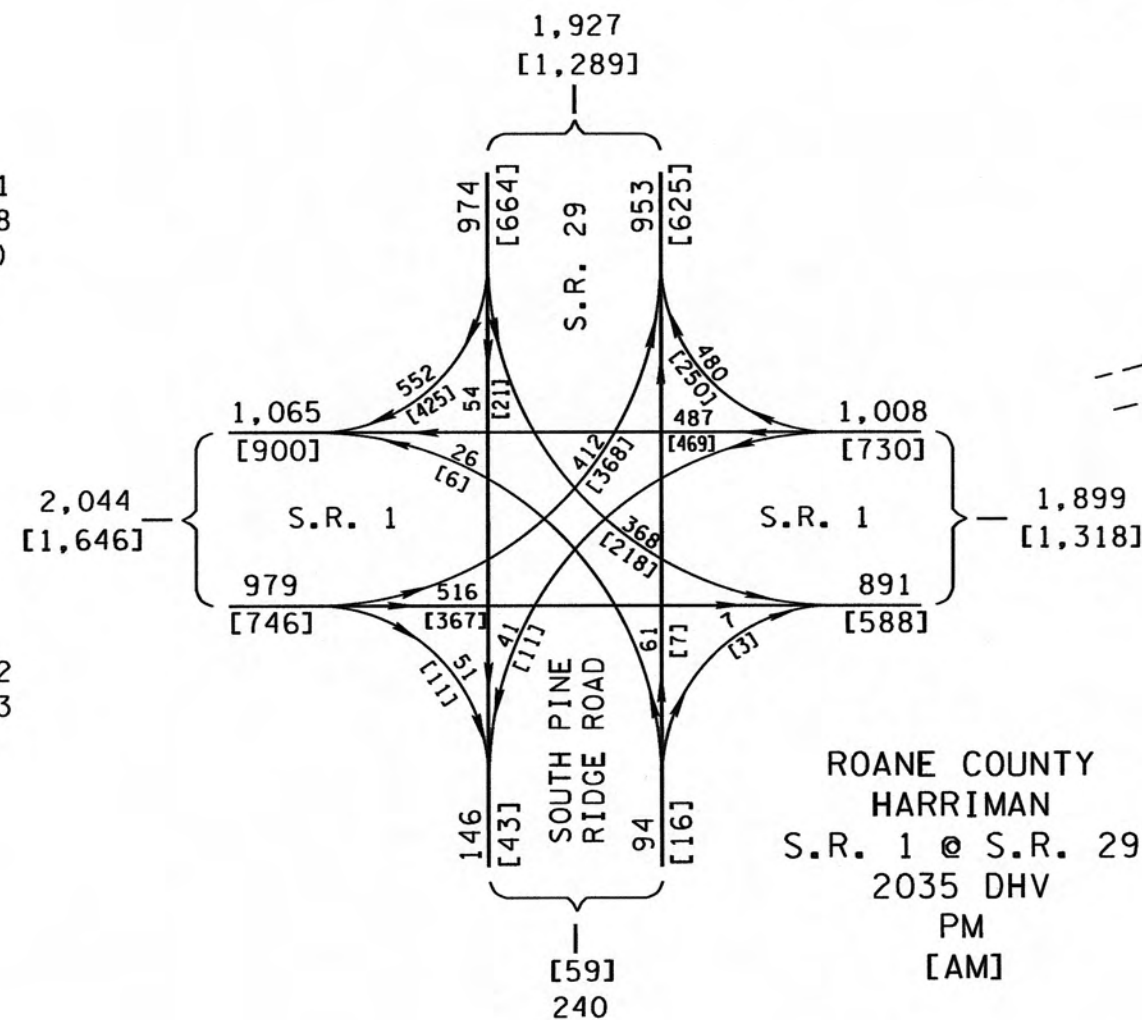
S.R. 1 STA. 413+99.99
N 571230.6370
E 2400295.9194

S.R. 1 STA. 405+40.52 =
S.R. 29 STA. 104+00.00
N 570853.2790
E 2399525.3364

SOUTH PINE RIDGE STA. 24+75.00
N 570466.6167
E 2399792.9742

PI NO. 1
PI 406+05.28
N 570,896.9801
E 2,399,573.6488
A 10°42'24" (RT)
D 2°17'31"
R 2,500.00'
L 467.17'
T 234.27'
PC 403+71.02
PT 408+38.18

PI NO. 2
PI 411+91.89
N 571,158.0972
E 2,400,100.4573
A 6°00'17" (RT)
D 1°26'29"
R 3,975.00'
L 416.60'
T 208.49'
PC 409+83.40
PT 413+99.99



ROANE COUNTY
HARRIMAN
S.R. 1 @ S.R. 29
2035 DHV
PM
[AM]

OVERLAY LIMITS
FULL PAVEMENT LIMITS
CONCRETE ISLAND LIMITS

EXISTING CONCRETE MEDIAN AND CURB
BETWEEN APPROX. STA. 406+04 AND
STA. 407+50 SHALL BE DEMOLISHED.

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00009 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT
STA. 402+00.00 TO
STA. 413+99.99
SCALE: 1"= 50'