MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

CAMDEN COUNTY

SECTIONS 25 & 26, T38N, R17W

DESIGN DESIGNATION

A.A.D.T. - 2024 = 10,246
A.A.D.T. - 2044 = 12,104
D.H.V. = 7.6%
T = 8.5%
V = 30-50 M.P.H.
D = 50.1%/49.9%

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NORMAL ACCESS HIGHWAY

ROUTE 54 FROM STA. 548+69.58 TO STA. 610+03.32 SHALL BE A NORMAL ACCESS HIGHWAY.

NORMAL R/W

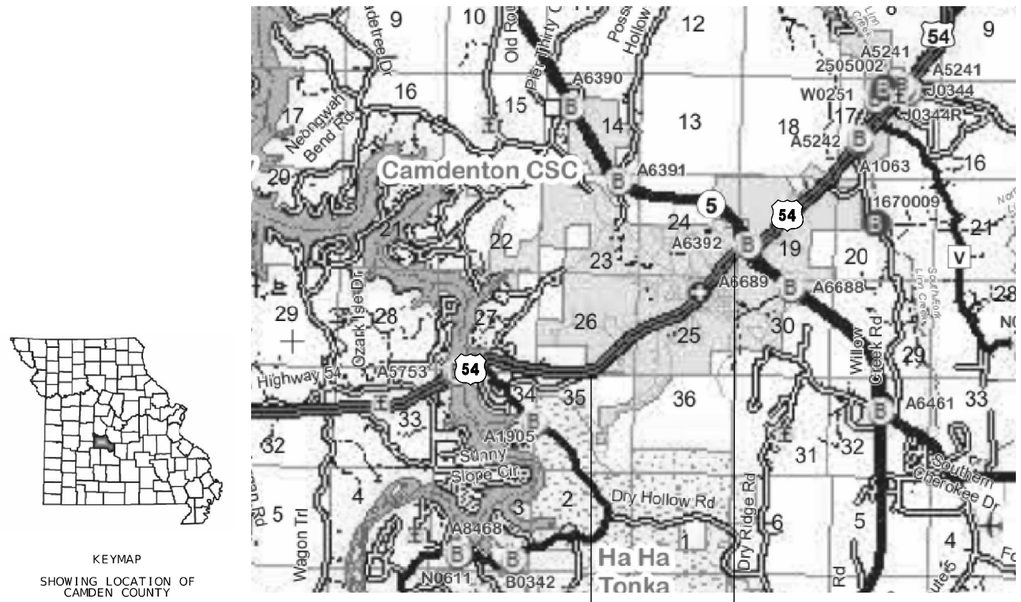
ACQUISITION OF NORMAL ACCESS RIGHT-OF-WAY IS NECESSARY FOR CONSTRUCTION OF THIS PROJECT.

CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	FO
OVERHEAD CABLE TV	-OTV-	OTV
UNDERGROUND CABLE TV	-UTV-	UTV
OVERHEAD TELEPHONE	-OT-	OT
UNDERGROUND TELEPHONE	-UT-	UT
OVERHEAD POWER	-OE-	OE
UNDERGROUND POWER	-UE-	UE
SANITARY SEWER	-S-	S
STORM SEWER	-SS-	SS
GAS	-G-	G
WATER	-W-	W
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	
REMOVE		R
REMOVE AND RELOCATE		R&REL
TO BE REMOVED BY OTHERS		TBRBO
TO BE ABANDONED AND FILLED		TBA&F
USE IN PLACE		UIP
DO NOT DISTURB		DND
ADJUST TO GRADE		ATG
ADJUST TO GRADE BY OTHERS		ATGBO

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



KEYMAP

SHOWING LOCATION OF CAMDEN COUNTY

END PROJECT STA. 73+96.20

BEGIN PROJECT STA. 12+63.70

J5P3573
ROUTE 54
WIDENING, MILL AND OVERLAY
DRAINAGE

NOT TO SCALE

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THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

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EROSION CONTROL SHEETS (EC)	131-154
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CROSS SECTIONS (XS)	1-56

LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 12+63.70

END OF PROJECT STA. 73+96.20

APPARENT LENGTH 6132.50 FEET

EQUATIONS AND EXCEPTIONS:

ROUTE 54 PROJECT BASELINE: STA. 12+63.70 AH = ROUTE 54 RECORD BASELINE STA. 548+69.58 AH

ROUTE 54 PROJECT BASELINE: STA. 73+96.20 AH = ROUTE 54 RECORD BASELINE STA. 609+99.12 AH

ROUTE 54 RECORD BASELINE:
STA. 591+88.72 BK = 591+90.10 AH
CORRECTIONS -1.38 FEET

0.95 HORIZONTAL OFFSET
STA. 591+90.10 BK = 591+83.02 AH
CORRECTIONS 7.08 FEET

TOTAL CORRECTIONS 5.70 FEET
NET LENGTH OF PROJECT 6126.8 FEET
STATE LENGTH 1.16 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 9.6 ACRES

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:09:19 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	1

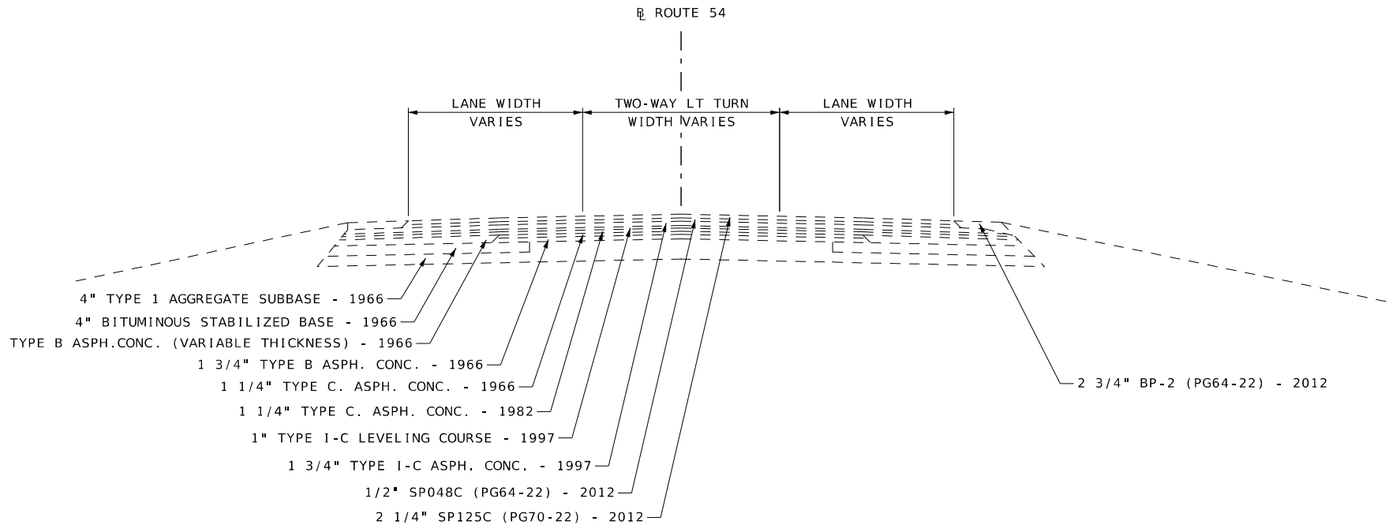
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



EXISTING TYPICAL SECTION - ROUTE 54 PAVEMENT HISTORY

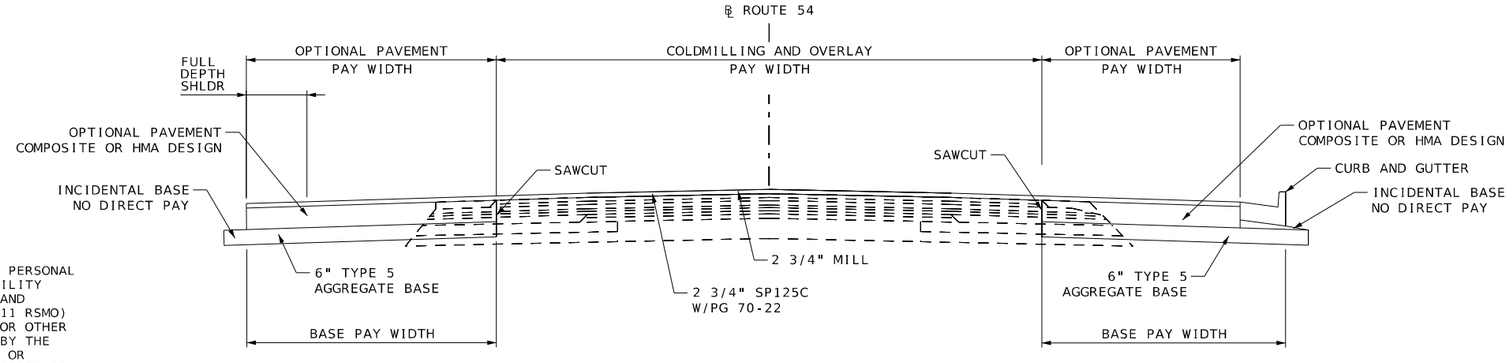
EQUIVALENT PAVEMENT DESIGNS

LOCATION	BASE TYPE	COMPOSITE DESIGN	HMA DESIGN
ROUTE 54 WIDENING STA. 12+63.70 TO STA. 73+96.20	6" TYPE 5	2.75" SP125C w/PG 70-22 OVER 8"PCCP 10' JOINTS AND 1.25" DOWELS	11.5" HMA 2.75" SP125C w/PG 70-22 OVER 2" SP125C w/PG 70-22 OVER 6.75" SP250C w/PG 64-22
LOCATION	SURFACE PREP	MAINLINE AND INSIDE SHOULDER TREATMENT	OUTSIDE SHOULDERS
RTE. 54 STA. 12+63.70 TO STA. 73+96.20	MILL 2.75" FROM MAINLINE AND SHOULDER PAVEMENTS; PAVEMENT REPAIRS AS NEEDED	2.75" SP125C w/PG 70-22	SAME AS MAINLINE

APPLICATION RATES

ASPHALTIC CONCRETE PAVEMENT:
TYPE SP125C MIX: 1.927 TONS/CY
TYPE SP250 C MIX: 1.946 TONS/CY
BITUMINOUS PAVEMENT MIXTURE BP-1 MIX: 1.948 TONS/CY
BITUMINOUS BASE (BB) MIX: 1.943 TONS/CY

TACK COAT:
NEW ASPHALT SURFACE: 0.05 GAL/SY
EXIST ASPHALT OR CONCRETE SURFACE: 0.08 GAL/SY
COLDMILLED ASPHALT OR CONCRETE SURFACES: 0.10 GAL/SY



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TYPICAL SECTION
SHEET 1 OF 6

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EMILY S. BURKART
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PROFESSIONAL ENGINEER
04/14/2025 7:18:16 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	2

COUNTY
CAMDEN

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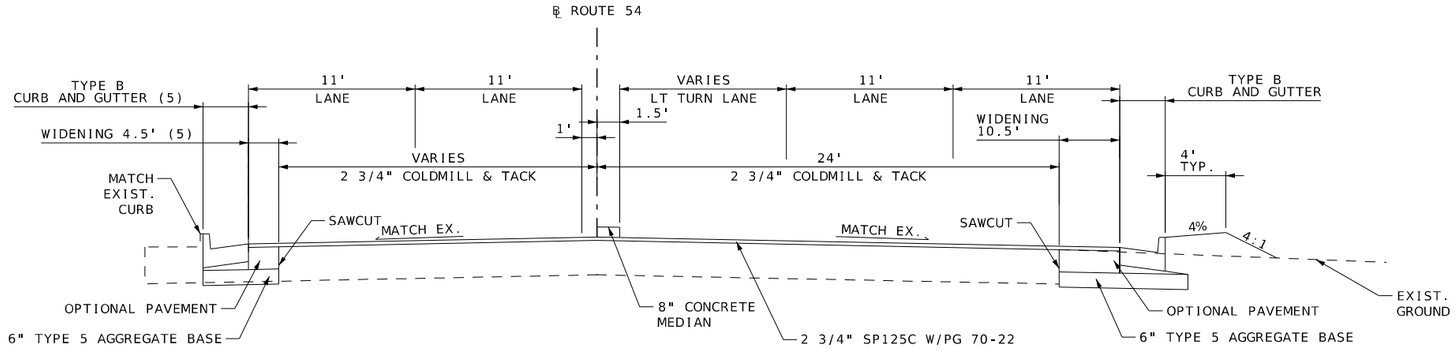
CORPORATE LICENSE #2002006608

GENERAL NOTES:

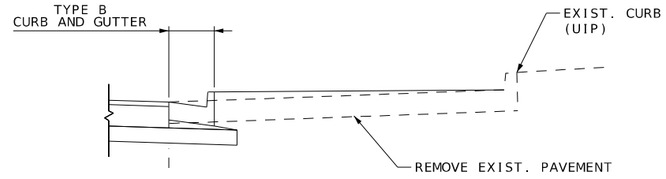
1. TYPICAL SECTIONS SHOWN ARE NOT TO SCALE.
2. FOR PAVEMENT WIDTH VARIES SEE PLANS AND CROSS SECTIONS.
3. FOR CURB LIMITS SEE PLAN SHEETS.
4. FOR SIDE SLOPE VARIES SEE CROSS SECTIONS.
5. TYPE S CURB TO BE USED WITH ASPHALT PAVEMENT, TYPE A CURB TO BE USED WITH CONCRETE PAVEMENT.
6. THE THINNER PAVEMENT THICKNESS WAS USED FOR THE EARTHWORK COMPUTATION FOR THIS PROJECT.



PROPOSED TYPICAL SECTION - ROUTE 54

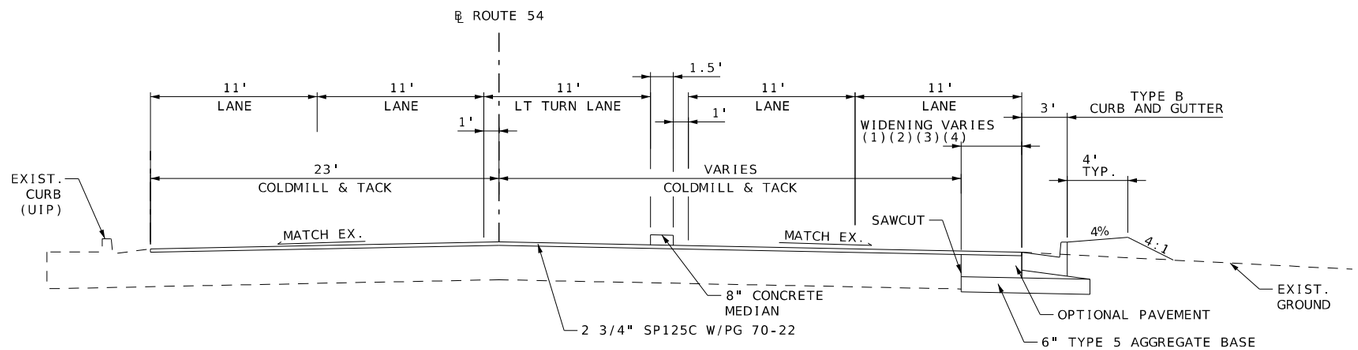
STA. 15+93.05 TO STA. 17+08.82

(5) BEGIN WIDENING AND CURB AND GUTTER STA 16+47.32



EXIST PAVEMENT DETAIL RIGHT

STA. 15+24.34 TO STA. 17+52.01



PROPOSED TYPICAL SECTION - ROUTE 54

STA. 12+63.70 TO STA. 15+93.05
(1) 4.5' WIDE STA. 12+63.70 TO STA. 13+20.00
(2) VARIES BETWEEN 7.5' & 4.5' STA. 13+20.00 TO STA 14+91.41
(3) 10.5' WIDE STA. 14+91.41 TO STA. 15+93.05
(4) WIDENING 10.5' WIDE STA. 14+91.41 TO STA 17+08.82

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Emily S. Burkart
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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
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CD	2

COUNTY
CAMDEN

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J5P3573

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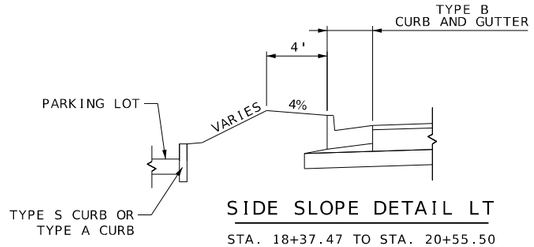
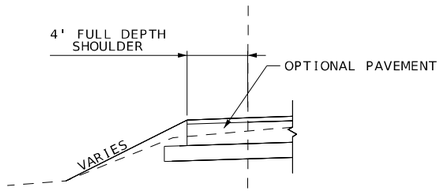


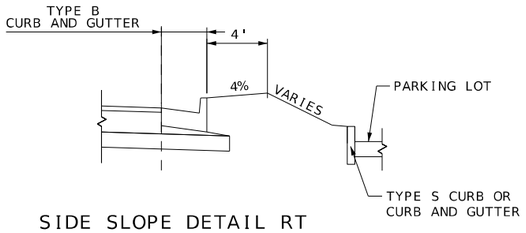
SIDE SLOPE DETAIL LT

STA. 18+37.47 TO STA. 20+55.50
STA. 45+27.76 TO STA. 45+85.92
STA. 52+39.27 TO STA. 52+67.38
STA. 55+46.70 TO STA. 55+80.59



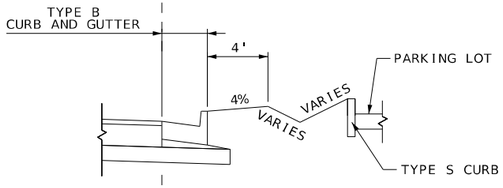
SHOULDER DETAIL LT

STA. 47+43.23 TO STA. 49+40.12



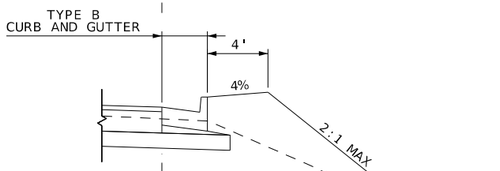
SIDE SLOPE DETAIL RT

STA. 52+38.72 TO STA. 52+98.16



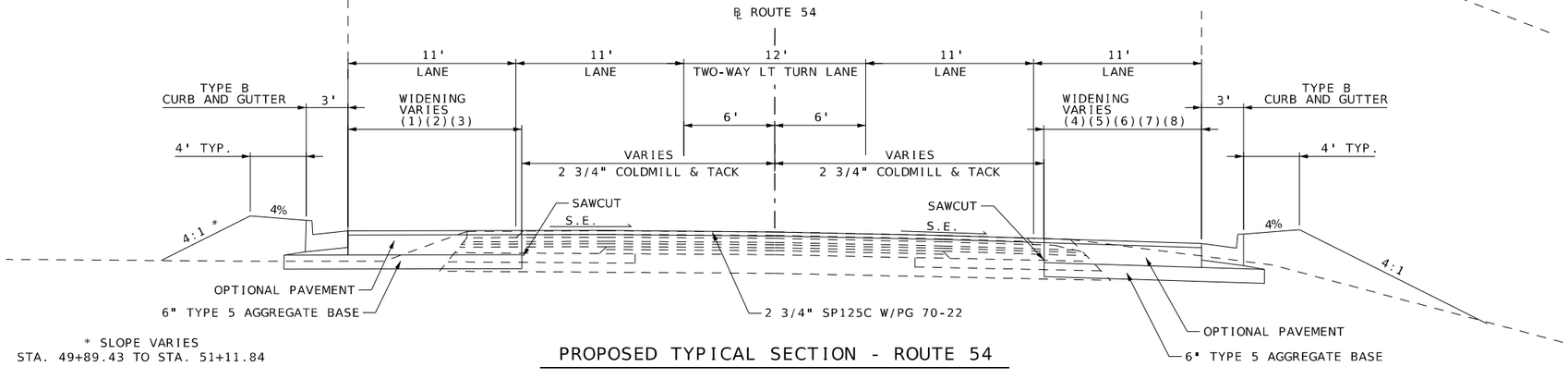
SIDE SLOPE DETAIL RT

STA. 46+71.47 TO STA. 47+91.41



SIDE SLOPE DETAIL RT

STA. 22+45.90 TO STA. 23+94.04



* SLOPE VARIES
STA. 49+89.43 TO STA. 51+11.84

PROPOSED TYPICAL SECTION - ROUTE 54

STA. 17+08.82 TO STA. 23+05.89
STA. 44+92.61 TO STA. 55+87.41

(1) 4.5' WIDE STA. 17+08.82 TO 18+02.00
(2) VARIES BETWEEN 4.5' AND 22.4 STA. 18+02.00 TO STA. 23+05.89
(3) 11.0' WIDE STA. 44+92.61 TO STA. 55+87.41

(4) 10.5' WIDE STA 17+08.82 TO STA. 17+41.70
(5) VARIES BETWEEN 11.2' AND 5.3' WIDE STA. 17+41.70 TO STA. 19+99.97
(6) WIDTH VARIES BETWEEN 5.3' AND 4.5' WIDE STA. 19+99.97 TO STA. 20+78.52
(7) 4.5' WIDE STA. 20+78.52 TO STA. 23+05.89
(8) 11.0 WIDE STA. 49+29.61 TO STA. 55+87.41

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SUPERELEVATION ROUTE 54

℄	
N.C.	N.C.
STA. 16+78.52	
℄	
0.0%	N.C.
STA. 17+50.93	
℄	
2.0%	N.C.
STA. 18+23.34	
℄	
2.8%	2.8%
STA. 18+52.31	
℄	
2.8%	2.8%
STA. 26+76.78	
℄	
2.0%	N.C.
STA. 27+14.67	
℄	
2.0%	N.C.
STA. 27+56.35	
℄	
0.0%	N.C.
STA. 28+41.90	
℄	
MATCH EX	N.C.
STA. 28+80.45	

TYPICAL SECTION
SHEET 3 OF 6

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:18:16 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
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COUNTY
CAMDEN

JOB NO.
J5P3573

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PROJECT NO.

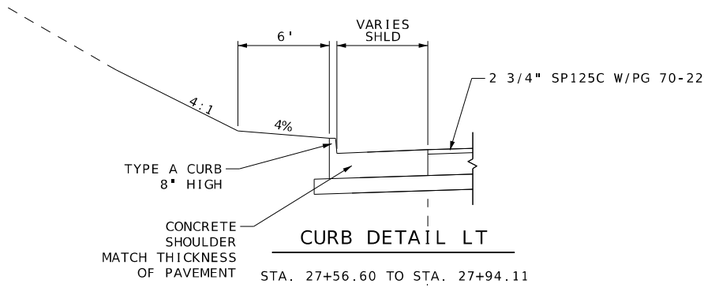
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

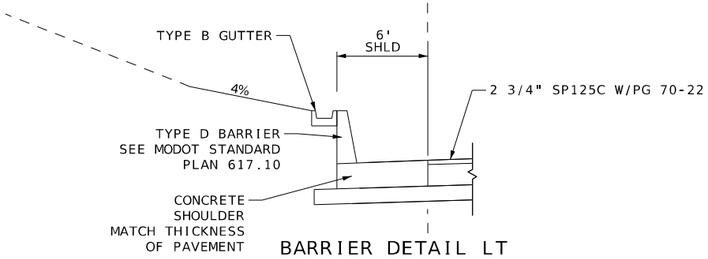
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



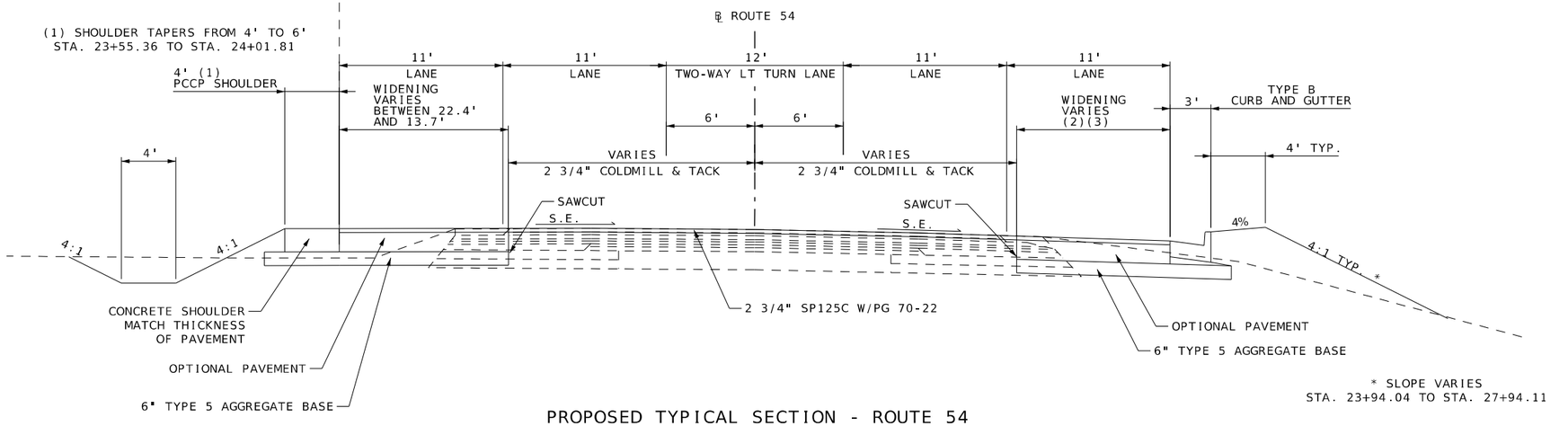
CURB DETAIL LT

STA. 27+56.60 TO STA. 27+94.11



BARRIER DETAIL LT

STA. 24+01.81 TO STA. 27+56.60



PROPOSED TYPICAL SECTION - ROUTE 54

STA. 23+05.89 TO STA. 27+94.11

* SLOPE VARIES
STA. 23+94.04 TO STA. 27+94.11

(2) 4.5' WIDE STA. 23+05.89 TO STA. 26+75.00
(3) WIDTH VARIES BETWEEN 4.5' AND 8.3' STA. 26+75.00 TO STA. 27+56.62

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TYPICAL SECTION
SHEET 4 OF 6

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:18:16 AM
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ROUTE	STATE
54	MO
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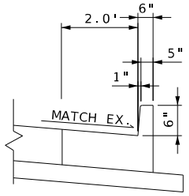
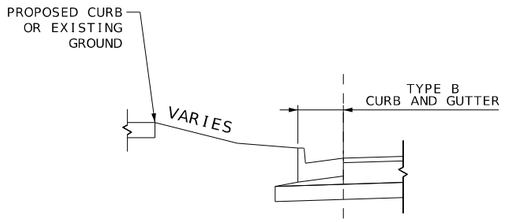
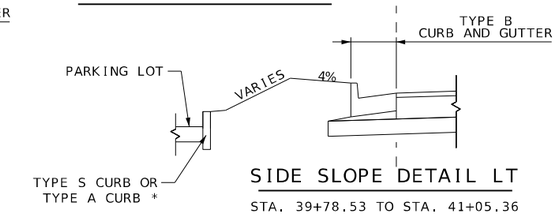


MODIFIED CURB AND GUTTER DETAIL



SIDE SLOPE DETAIL LT

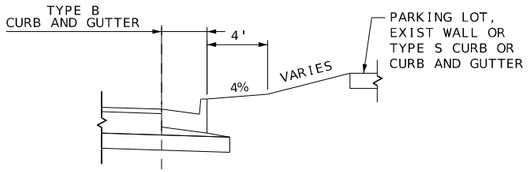
STA. 62+94.85 TO STA. 63+46.20



SIDE SLOPE DETAIL LT

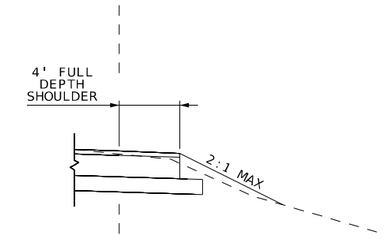
STA. 39+78.53 TO STA. 41+05.36
STA. 41+46.31 TO STA. 42+97.22
STA. 43+38.05 TO STA. 44+86.27
STA. 58+50.82 TO STA. 58+98.93

* MODIFIED CURB
STA. 40+05.26 TO
STA. 40+42.82



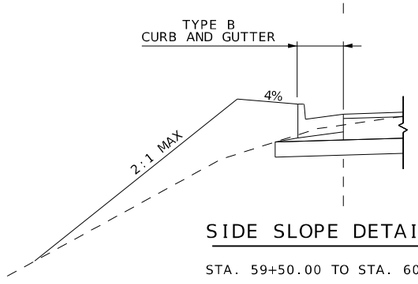
SIDE SLOPE DETAIL RT

STA. 35+04.76 TO STA. 36+64.59
STA. 36+99.21 TO STA. 38+33.17
STA. 38+82.77 TO STA. 39+31.03



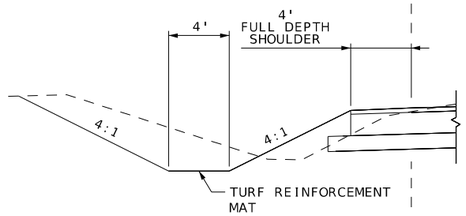
SHOULDER DETAIL RT

STA. 69+88.45 TO STA. 71+15.00



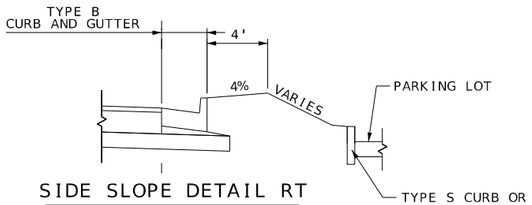
SIDE SLOPE DETAIL LT

STA. 59+50.00 TO STA. 60+67.44



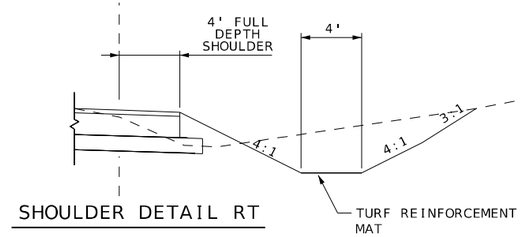
SHOULDER DETAIL LT

STA. 31+28.24 TO STA. 38+04.85
STA. 71+78.24 TO STA. 73+96.20



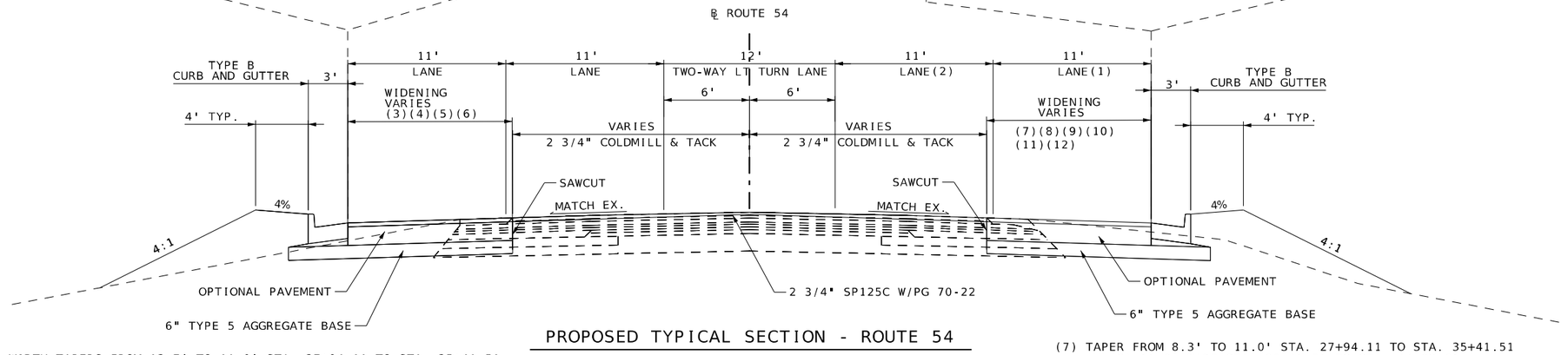
SIDE SLOPE DETAIL RT

STA. 30+62.55 TO STA. 31+47.92
STA. 39+84.41 TO STA. 41+11.68
STA. 63+13.80 TO STA. 64+51.06



SHOULDER DETAIL RT

STA. 56+59.40 TO STA. 62+26.89



PROPOSED TYPICAL SECTION - ROUTE 54

STA. 27+94.11 TO STA. 44+92.61
STA. 55+87.41 TO STA. 73+96.20

(1) LANE TAPERS FROM 11' TO 0' STA. 65+50.00 TO STA. 71+00.00
(2) MILL AND OVERLAY RIGHT SIDE FROM STA. 71+15.00 TO END

(3) WIDTH TAPERS FROM 13.7' TO 11.0' STA. 27+94.11 TO STA. 35+41.51
(4) 11.0' WIDE STA. 35+41.51 TO STA. 44+92.61
(5) 11.0' STA. 55+87.41 TO STA. 71+00.00
(6) VARIES BETWEEN 11.0' AND 4.5' STA. 71+00.00 TO STA. 73+96.20

(7) TAPER FROM 8.3' TO 11.0' STA. 27+94.11 TO STA. 35+41.51
(8) 11.0' WIDE STA. 35+41.51 TO STA. 44+92.61
(9) 11.0' WIDE STA. 55+87.41 TO STA. 65+50.00
(10) TAPER FROM 11.0' TO 4.5' STA. 65+50.00 TO STA. 68+74.96
(11) 4.5' WIDE STA. 68+74.96 TO STA. 69+88.47
(12) TAPER FROM 4.5 TO 0.5' STA. 69+88.47 TO STA. 71+15.00

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

TYPICAL SECTION
SHEET 5 OF 6

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:18:16 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	2

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

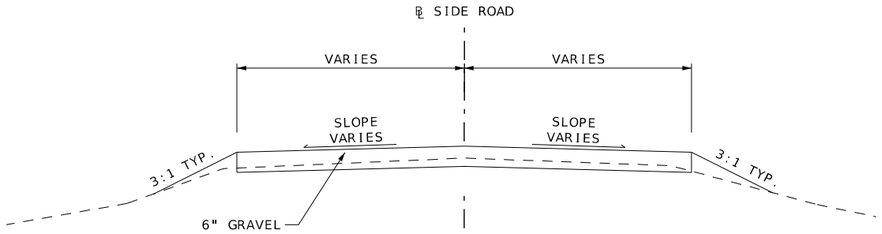
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

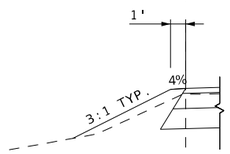
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen®



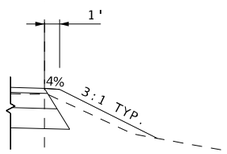
PROPOSED TYPICAL SECTION - SIDE ROAD

MITCHELL ROAD - STA. 27+03.47 TO STA. 27+26.15



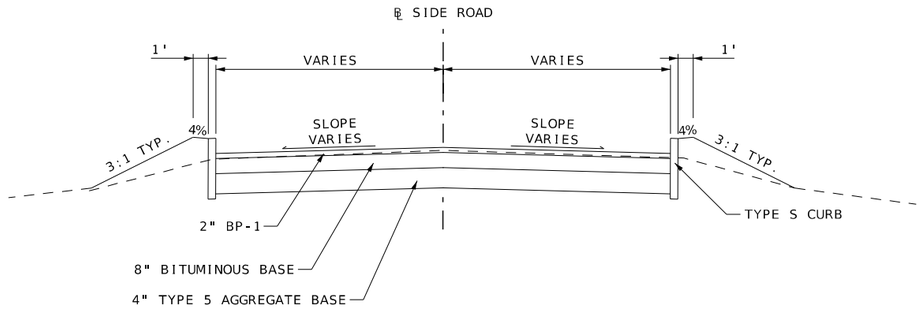
DETAIL LT

LAKE ROAD - STA. 290+49.51 TO STA. 291+00.00
LA DR - STA. 300+63.44 TO STA. 300+76.59



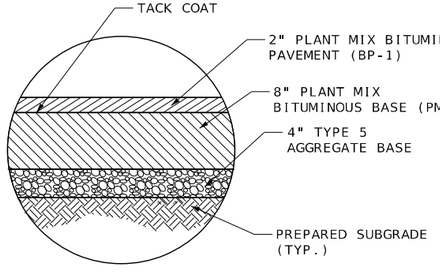
DETAIL RT

LAKE ROAD - STA. 290+42.20 TO STA. 291+00.00
LA DR - STA. 300+43.66 TO STA. 300+76.59

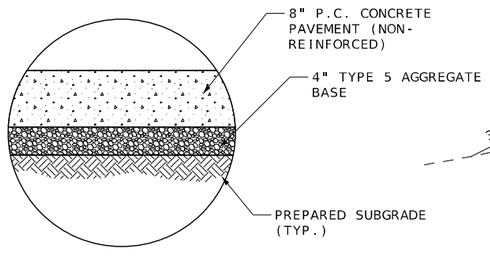


PROPOSED TYPICAL SECTION - SIDE ROAD

COURT CIRCLE SW - STA. 200+45.91 TO STA. 200+69.81
COURT CIRCLE NW - STA. 220+45.15 TO STA. 220+62.80
HA HA TONKA CUT THRU - STA. 24+046.91 TO STA. 240+88.97
MITCHELL ROAD - 270+38.00 TO STA. 271+03.47
LAKE ROAD - STA. 290+38.58 TO STA. 291+00.00
LA DR - STA. 300+38.05 TO STA. 300+76.59
WHISPERING PINES - STA. 319+07.50 TO STA. 319+62.00



ASPHALT DRIVEWAY EXTENSION



CONCRETE DRIVEWAY EXTENSION AND PAVED APPROACH

DISCLAIMER
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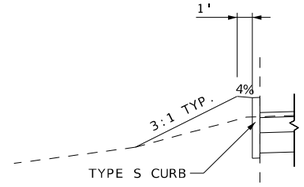
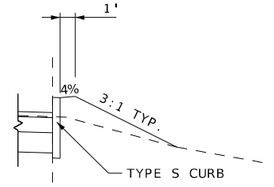


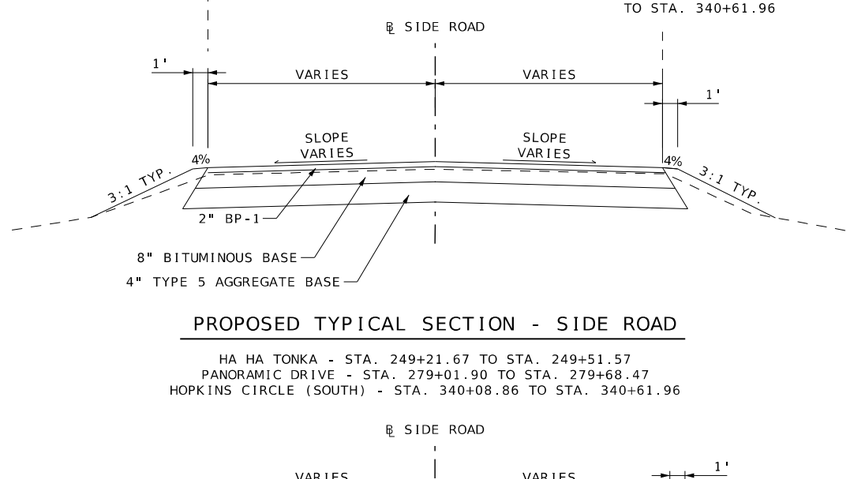
CURB DETAIL LT

HOPKINS CIRCLE (SOUTH) -
STA. 340+38.25 TO STA. 340+61.96



CURB DETAIL RT

HA HA TONKA - STA. 249+53.73
TO STA. 249+64.83
HOPKINS CIRCLE (SOUTH) - STA. 340+41.63
TO STA. 340+61.96

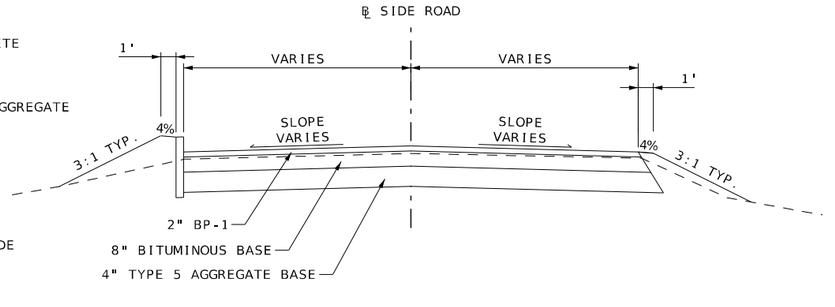


PROPOSED TYPICAL SECTION - SIDE ROAD

HA HA TONKA - STA. 249+21.67 TO STA. 249+51.57
PANORAMIC DRIVE - STA. 279+01.90 TO STA. 279+68.47
HOPKINS CIRCLE (SOUTH) - STA. 340+08.86 TO STA. 340+61.96

PROPOSED TYPICAL SECTION - SIDE ROAD

POPLAR STREET - STA. 229+44.42 TO STA. 299+61.43
MORGAN STREET - STA. 259+29.61 STA. 259+60.09
BLAIR AVE - STA. 310+38.01 TO STA. 310+59.18



PROPOSED TYPICAL SECTION - SIDE ROAD

POPLAR STREET - STA. 229+44.42 TO STA. 299+61.43
MORGAN STREET - STA. 259+29.61 STA. 259+60.09
HOPKINS CIRCLE (NORTH) - STA. 339+39.86 TO STA. 339+61.76

TYPICAL SECTION
SHEET 6 OF 6

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:18:17 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	2

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

PAVEMENT REMOVAL - FOR INFORMATION ONLY

SHEET	STATION	STATION	ROUTE	LOCATION	PAVEMENT REMOVAL (SY)	REMARKS
4	12+64	14+91	RTE54	RT	132	MAINLINE PAVEMENT
4	14+91	18+08	RTE54	RT	1115	PAVEMENT AND EXIST PARKING SPACES BETWEEN
						BETWEEN COURT CIR SW AND COURT CIR NW
5	16+42	27+71	RTE54	LT	570	MAINLINE PAVEMENT
5	17+54		RTE54	LT	118	ILLINOIS STREET PAVEMENT
5	18+08	27+71	RTE54	RT	983	MAINLINE PAVEMENT
5	18+21		RTE54	LT	181	ENTRANCE PAVEMENT FOR 18+20.61 AND 18+85.7
5	18+60		RTE54	RT	73	ENTRANCE PAVEMENT
5	19+58		RTE54	LT	443	ENTRANCE PAVEMENT FOR 19+58.12 AND 20+18.85
5	19+92		RTE54	RT	42	ENTRANCE PAVEMENT
6	20+50	21+17	RTE54	LT	193	ENTRANCE PAVEMENT
6	21+52		RTE54	LT	163	POPLAR STREET PAVEMENT
6	22+25		RTE54	RT	164	HAHA TONKA CUT THRU PAVEMENT
6	22+39		RTE54	LT	201	HAHA TONKA
6	23+09	23+55	RTE54	LT	43	APPROACH
6	24+44		RTE54	RT	75	ENTRANCE PAVEMENT
6	24+81		RTE54	RT	100	ENTRANCE PAVEMENT
7	27+09		RTE54	RT	101	ENTRANCE PAVEMENT
7	27+71	44+00	RTE54	LT	1120	MAINLINE PAVEMENT
7	27+71	44+00	RTE54	RT	998	MAINLINE PAVEMENT
7	28+17		RTE54	LT	143	MORGAN STREET PAVEMENT
7	30+10		RTE54	LT	166	ENTRANCE PAVEMENT
7	30+48		RTE54	RT	288	ENTRANCE PAVEMENT
8	30+84		RTE54	LT	138	ENTRANCE PAVEMENT
8	31+87		RTE54	RT	109	ENTRANCE PAVEMENT
8	33+18		RTE54	RT	115	ENTRANCE PAVEMENT
8	33+75		RTE54	RT	99	ENTRANCE PAVEMENT
8	34+85		RTE54	RT	74	ENTRANCE PAVEMENT
8-9	35+47		RTE54	LT	99	ENTRANCE PAVEMENT FOR 35+46.60 AND 35+46.74
9	36+85		RTE54	RT	248	ENTRANCE
9	37+28		RTE54	LT	233	PANORAMIC DRIVE PAVEMENT
9	38+54		RTE54	RT	232	ENTRANCE PAVEMENT
9	39+48		RTE54	RT	346	ENTRANCE PAVEMENT
9	39+55		RTE54	LT	132	ENTRANCE PAVEMENT
9-10	39+89	40+69	RTE54	RT	170	EXISTING APPROACH
10	41+26		RTE54	LT	595	ENTRANCE PAVEMENT FOR 41+26.31 AND 43+17.64
10	41+44		RTE54	RT	199	ENTRANCE PAVEMENT
10	42+31		RTE54	RT	450	ENTRANCE PAVEMENT FOR 42+30.52 AND 43+71.01
10-16	44+00	71+15	RTE54	RT	1514	MAINLINE PAVEMENT
10-16	44+00	73+96	RTE54	LT	1947	MAINLINE PAVEMENT
10	44+71		RTE54	RT	165	ENTRANCE PAVEMENT
11	45+07		RTE54	LT	406	ENTRANCE PAVEMENT FOR 45+06.72 AND 46+10.74
11	46+50		RTE54	RT	222	
11	48+16		RTE54	RT	295	LAKE ROAD PAVEMENT
11	49+31		RTE54	RT	302	ENTRANCE PAVEMENT
11-12	50+47	50+89	RTE54	LT	92	CONCRETE SLAB PARCEL 20
12	50+51		RTE54	RT	437	ENTRANCE PAVEMENT FOR 50+51.10 AND 51+79.94
12	51+53		RTE54	LT	33	ENTRANCE PAVEMENT
12	52+23		RTE54	LT	355	ENTRANCE PAVEMENT FOR 52+22.55 AND 52+85.93
12	53+12		RTE54	RT	177	LA DR
12	54+16		RTE54	LT	144	ENTRANCE PAVEMENT
12	54+87		RTE54	LT	61	ENTRANCE PAVEMENT
12	55+10		RTE54	RT	21	ENTRANCE PAVEMENT
13	56+20		RTE54	RT	122	BLAIR AVE
13	58+37		RTE54	LT	136	ENTRANCE PAVEMENT
13	59+14		RTE54	LT	164	ENTRANCE PAVEMENT
13	59+22		RTE54	RT	135	ENTRANCE PAVEMENT
14	61+10		RTE54	LT	201	ENTRANCE PAVEMENT
14	62+73		RTE54	LT	192	ENTRANCE PAVEMENT
14	62+73		RTE54	RT	164	LAKEVIEW DR
14	63+65		RTE54	LT	195	HOPKINS CIR
14	64+65		RTE54	RT	222	ENTRANCE PAVEMENT
15	66+17		RTE54	RT	283	ENTRANCE PAVEMENT
15	66+74		RTE54	LT	204	HOPKINS CIR
15	69+46		RTE54	LT	127	ENTRANCE PAVEMENT
15	69+88		RTE54	LT	111	ENTRANCE PAVEMENT
16	71+05		RTE54	LT	157	ENTRANCE PAVEMENT
			TOTAL		19235	

NOTE: NO DIRECT PAY WILL BE MADE FOR PAVEMENT REMOVAL. PAVEMENT REMOVAL IS INCLUDED IN THE LUMP SUM COST FOR REMOVAL OF IMPROVEMENTS.

SAWCUT - FOR INFORMATION ONLY

SHEET	STATION	STATION	ROUTE	LOCATION	FULL DEPTH SAWCUT (LF)	REMARKS
4	12+63.70	12+63.70	RTE54	RT	4.5	CURB/MEDIAN
4	12+63.70	13+20.00	RTE54	RT	55	OFFSET 31.30' TO 33.06'
4	12+63.70	13+20.00	RTE54	RT	55	OFFSET 35.80' TO 37.56' RT
4	13+20.00	13+20.00	RTE54	RT	3	OFFSET 33.00 TO 30.06'
4	13+20.00	14+91.41	RTE54	RT	172	OFFSET 30.00'
4	13+20.00	13+69.00	RTE54	RT	51	OFFSET 36.56' INCLUDES 2' SAWCUT EXIST. CURB
4	14+91.41	14+91.41	RTE54	RT	6	OFFSET 30.00' TO 24.00'
4-5	14+91.41	17+41.70	RTE54	RT	250	OFFSET 24.00'
5	16+42.32	16+42.32	RTE54	LT	7.5	OFFSET 18.50' TO 26.00'
5	16+42.32	18+02.00	RTE54	LT	160	OFFSET 18.50' TO 26.00'
5	17+41.70	19+99.97	RTE54	RT	256	R1892.28' OFFSET 24.00 TO 24.65'
5	18+02.00	19+00.65	RTE54	LT	100	R1931.61' OFFSET 18.50' TO 12.32'
5-7	19+00.65	27+71.10	RTE54	LT	875	R1930.48' OFFSET 12.32' TO 14.19'
5-6	19+99.97	20+78.52	RTE54	RT	79	R1931.61' OFFSET 24.65' TO 23.50'
6-7	20+78.52	26+75.00	RTE54	RT	588	R1931.61' OFFSET 23.50'
6-7	26+75.00	27+71.10	RTE54	RT	96	OFFSET 23.50' TO 19.81'
7-8	27+71.10	35+41.45	RTE54	LT	770	OFFSET 14.19' TO 17.00'
7-8	27+71.10	35+41.51	RTE54	RT	770	OFFSET 19.81' TO 17.00'
7-16	35+41.51	68+74.96	RTE54	RT	3334	OFFSET 17.00'
7-16	35+41.45	71+00.00	RTE54	LT	3552	OFFSET 17.00'
15	68+74.96	69+88.44	RTE54	RT	114	OFFSET 17.00' TO 14.50'
15-16	69+88.44	71+00.00	RTE54	RT	112	OFFSET 14.50 TO 16.50'
16	71+00.00	71+15.00	RTE54	RT	15	OFFSET 16.50'
16	71+00.00	73+96.20	RTE54	LT	297	OFFSET 17.00' TO 22.00'
16	71+15.00	71+15.00	RTE54	RT	4.5	OFFSET 16.50 TO 21.00'
16	73+96.20	73+96.20	RTE54	LT	4.7	OFFSET 22.00' TO 26.70'
4-16	BOP	EOP	RTE54	BOTH	3879.8	SEE SIDEROADS AND ENTRANCE QUANTITY TABLE
				TOTAL	15611	

NOTE: NO DIRECT PAY WILL BE MADE FOR SAWCUT. SAWCUT IS INCLUDED IN THE LUM SUM COST FOR REMOVAL OF IMPROVEMENTS.

CURB REMOVAL - FOR INFORMATION ONLY

SHEET	STATION	STATION	ROUTE	LOCATION	ITEM TO BE REMOVED
4	12+64	13+19	RTE54	RT	55 LF CONCRETE MEDIAN
4	13+69	14+99	RTE54	RT	159 LF CURB AND GUTTER
4	15+23	15+38	RTE54	RT	23 LF CURB AND GUTTER
5	15+78	17+32	RTE54	RT	154 CURB AND GUTTER
5	16+42	17+08	RTE54	LT	66 LF CURB AND GUTTER
5	17+82	18+52	RTE54	RT	92 LF CURB AND GUTTER
6	21+82	22+30	RTE54	RT	66 LF CURB AND GUTTER
8	30+62	31+47	RTE54	RT	95 LF CURB
8	30+81	30+89	RTE54	LT	20 LF CURB
8	31+74		RTE54	RT	16 LF CURB AND GUTTER
8	31+99		RTE54	RT	16 LF CURB AND GUTTER
8	33+05		RTE54	RT	17 LF CURB
8	33+30		RTE54	RT	17 LF CURB
9	37+75	38+42	RTE54	RT	67 LF CURB
9	38+86	39+33	RTE54	RT	47 LF CURB
9	39+84	40+02	RTE54	RT	39 LF CURB
10	40+59	41+11	RTE54	RT	94 LF CURB
10	41+69	42+06	RTE54	RT	74 LF CURB
10	42+56	43+44	RTE54	RT	140 LF CURB
10	43+95	44+05	RTE54	RT	32 LF CURB
10	44+45	44+56	RTE54	RT	40 LF CURB
10	44+88	44+95	RTE54	RT	39 LF CURB
11	45+53	45+86	RTE54	LT	48 LF CURB
11	48+23	49+08	RTE54	RT	91 LF CURB AND GUTTER
11	48+97	49+24	RTE54	RT	37 LF CURB AND GUTTER
11	50+19	50+31	RTE54	RT	35 LF CURB AND FLUME
12	50+69	51+64	RTE54	RT	142 LF CURB
12	51+97	52+04	RTE54	RT	23 LF CURB
12	53+04	53+25	RTE54	LT	23 LF CURB
14	319+07	319+63	WHISPERING PINES	RT	56 LF CURB
14	319+07	319+65	WHISPERING PINES	LT	57 LF CURB
15	65+96	66+05	RTE54	RT	20 LF CURB
15	66+28	66+37	RTE54	RT	23 LF CURB
15	69+32		RTE54	LT	19 LF CURB
15	69+59		RTE54	LT	14 LF CURB
16	71+00	71+36	RTE54	LT	57 LF CURB
16	71+57	71+75	RTE54	LT	31 LF CURB

NOTE: NO DIRECT PAY WILL BE MADE FOR CURB REMOVAL. CURB REMOVAL IS INCLUDED IN THE LUMP SUM COST FOR REMOVAL OF IMPROVEMENTS.

SUMMARY OF QUANTITIES
SHEET 1 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/17/2025 5:56:14 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen®

SIGN REMOVAL - FOR INFORMATION ONLY

SHEET	STATION	ROUTE	LOCATION	REMARKS
155	11+85	RTE54	RT	REMOVE SIGN AND POST (LANE ENDS, MERGE LT)
155	15+42	RTE54	RT	REMOVE SIGN AND POST (30 MIN PARKING)
155	15+84	RTE54	RT	REMOVE SIGN AND POST (NO PARKING, OBJECT MARKER, ONE HOUR PARKING)
155	16+67	RTE54	RT	REMOVE SIGN AND POST (NO PARKING, ONE HOUR PARKING)
155	16+79	RTE54	LT	REMOVE SIGNS AND POST (NO PARKING, TWO HOUR PARKING) - RELOCATE TO SAME LOCATION ON NEW POST
155	17+19	RTE54	LT	REMOVE SIGN AND POST (OBJECT MARKER)
155	17+27	RTE54	RT	REMOVE SIGN AND POST (DO NOT ENTER, ONE HOUR PARKING)
155	17+78	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 4
155	17+87	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 30)
155	17+90	RTE54	RT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 6
155	21+24	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 8
155	21+27	RTE54	RT	REMOVE SIGN AND POST (SPEED LIMIT 30)
156	22+16	RTE54	RT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 9
156	22+34	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 10
156	25+02	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 30)
156	26+05	RTE54	RT	REMOVE SIGN AND POST (SPEED LIMIT 40)
156	28+16	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 11
156	28+42	RTE54	RT	REMOVE SIGN AND POST (KEEP OUT) - RELOCATE TO POST 12
156	28+49	RTE54	RT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 13
156	33+60	RTE54	LT	REMOVE SIGN AND POST (ADOPT-A-HIGHWAY)
156	34+05	RTE54	RT	REMOVE SIGN AND POST (ADOPT-A-HIGHWAY)
156	34+59	RTE54	LT	REMOVE BUSINESS SIGN, DISCONNECT EXISTING ELECTRIC CONNECTION AND PULL BACK FOR FUTURE USE BY PROPERTY OWNER.
156	35+03	RTE54	LT	REMOVE SIGN POST
157	37+26	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 18
157	37+38	RTE54	RT	REMOVE SIGN AND POST (CENTER LANE LEFT ONLY)
157	37+66	RTE54	RT	REMOVE BUSINESS SIGN
157	39+31	RTE54	RT	REMOVE SIGN POST
157	43+94	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 40)
157	44+51	RTE54	RT	REMOVE SIGN AND POST (NO TRUCKS) - RELOCATE TO POST 21
157	44+91	RTE54	RT	REMOVE SIGN AND POST (NO TRUCKS) - RELOCATE TO POST 22
157	47+84	RTE54	RT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 23
157	48+21	RTE54	RT	REMOVE SIGN AND POST (STOP)
158	52+92	RTE54	RT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 24
158	53+27	RTE54	RT	REMOVE SIGN AND POST (STOP)
158	55+94	RTE54	RT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 26
158	56+38	RTE54	RT	REMOVE SIGN AND POST (STOP)
158	56+39	RTE54	RT	REMOVE AND RELOCATE CEMETARY SIGN
158	56+65	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 40)
158	56+96	RTE54	LT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 28
158	57+61	RTE54	RT	REMOVE SIGN AND POST (CENTER LANE LEFT ONLY)
158	57+80	RTE54	LT	REMOVE SIGN AND POST (CENTER LANE LEFT ONLY)
158	58+71	RTE54	RT	REMOVE SIGN AND POST (SPEED LIMIT 40)
158	60+89	RTE54	LT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 32
158	61+77	RTE54	RT	REMOVE SIGN AND POST (ADOPT-A-HIGHWAY)
158	61+81	RTE54	LT	REMOVE SIGN AND POST (ADOPT-A-HIGHWAY)
159	62+93	RTE54	RT	REMOVE SIGN AND POST (STREET) - RELOCATE TO POST 35
159	62+98	RTE54	RT	REMOVE SIGN AND POST (STOP)
159	63+41	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 36
159	64+52	RTE54	LT	REMOVE SIGN AND POST (NOISE ORDINANCE) - RELOCATE TO POST 37
159	65+48	RTE54	RT	REMOVE SIGN AND POST (SPEED LIMIT 50)
159	65+59	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 40)
159	66+56	RTE54	LT	REMOVE SIGNS AND POST (STOP, STREET) - RELOCATE STREET SIGN TO POST 39
159	71+12	RTE54	LT	REMOVE SIGN AND POST (STOP)
159	72+31	RTE54	LT	REMOVE SIGN AND POST (SPEED LIMIT 50)
159	72+85	RTE54	LT	REMOVE SIGN AND POST (OBJECT MARKER)
159	73+72	RTE54	LT	REMOVE SIGN AND POST (CENTER LANE LEFT ONLY)
159	73+80	RTE54	LT	REMOVE SIGN AND POST (OBJECT MARKER)

NOTE: NO DIRECT PAY WILL BE MADE FOR SIGN REMOVAL. SIGN REMOVAL IS INCLUDED IN THE LUMP SUM COST FOR REMOVAL OF IMPROVEMENTS.

MISCELLANEOUS REMOVAL - FOR INFORMATION ONLY

SHEET	STATION	ROUTE	LOCATION	OFFSET	ITEM TO BE REMOVED
4	14+90	RTE54	RT	56.0	16 SY SIDEWALK
4	15+33	RTE54	RT	56.5	4 SY SIDEWALK
5	19+12	RTE54	LT	44.0	RELOCATE 3 CURB BLOCKS
7	30+24	RTE54	RT	55.0	RAILROAD TIES
8	34+15	RTE54	RT	45.2	CONCRETE PILLAR
9	36+05	RTE54	LT	50.0	CONCRETE BLOCKS - REMOVE AND RETAIN
9	39+32	RTE54	LT	39.9	20 LF CONC WALL
9	39+74	RTE54	LT	39.3	14 LF CONC WALL
10	41+02	RTE54	LT	32.8	13 LF CONC WALL
10	41+40	RTE54	LT	34.8	8 LF CONC WALL
11-12	50+41 TO 50+98	RTE54	LT	76.0	57 LF EXIST FOUNDATION AND RAILING
12	50+98	RTE54	LT	59.8	39 LF CONC WALL
14	63+97	RTE54	LT	41.5	GRINDER PUMP

NOTE: NO DIRECT PAY WILL BE MADE FOR MISCELLANEOUS REMOVAL.
MISC. REMOVAL IS INCLUDED IN THE LUMP SUM COST FOR REMOVAL OF IMPROVEMENTS.

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EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 5:09:22 PM
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HRGreen®

DRAINAGE REMOVAL - FOR INFORMATION ONLY

SHEET	STATION	STATION	ROUTE	LOCATION	ITEM TO BE REMOVED
5	17+17	17+80	RTE54	LT	64 FEET of 15" CMP
5	17+31		RTE54	RT	GRATE INLET
5	17+31		RTE54	RT	GRATE INLET
5	17+32	18+03	RTE54	RT	72 FEET of 15" CMP
5	17+99	18+40	RTE54	LT	42 FEET OF 12" CMP
5	18+47	18+89	RTE54	RT	42 FEET OF 18" CMP
5	18+66	19+07	RTE54	LT	42 FEET OF 12" CMP
5	19+38	19+80	RTE54	LT	42 FEET OF 15" CMP
5	19+67	20+09	RTE54	RT	41 FEET OF 15" CMP
5	20+02	20+41	RTE54	LT	39 FEET OF 15" CMP
6	20+71	21+12	RTE54	LT	42 FEET OF 15" CMP
6	21+20	21+72	RTE54	LT	52 FEET OF 24" CMP
6	21+48	22+11	RTE54	RT	61 FEET OF 18" CMP
6	22+29	22+81	RTE54	LT	52 FEET OF 24" CMP
6	23+09	23+51	RTE54	LT	42 FEET OF 15" CMP
7	27+99	28+51	RTE54	LT	52 FEET OF 12" CMP
7	29+79		RTE54	LT	FLARED END SECTION
7	29+80	30+41	RTE54	LT	61 FEET OF 15" CMP
7	30+42		RTE54	LT	FLARED END SECTION
8	30+59	31+25	RTE54	LT	66 FEET OF 12" CMP
8	31+56		RTE54	RT	FLARED END SECTION
8	31+57	32+19	RTE54	RT	62 FEET OF 18" CMP
8	32+20		RTE54	RT	FLARED END SECTION
8	32+95		RTE54	RT	FLARED END SECTION
8	32+96	33+44	RTE54	RT	48 FEET OF 18" CMP
8	33+45		RTE54	RT	FLARED END SECTION
8	33+55	33+97	RTE54	RT	42 FEET OF 12" CMP
8	34+61	35+02	RTE54	RT	41 FEET OF 15" CMP
8-9	34+98	35+64	RTE54	LT	66 FEET OF 15" CMP
9	35+65	35+93	RTE54	RT	28 FEET OF 15" CMP
9	36+28	36+56	RTE54	LT	28 FEET OF 12" CMP
9	38+36	38+75	RTE54	RT	39 FEET OF 15" CMP
9	39+28	39+68	RTE54	RT	40 FEET OF 12" CMP
9-10	39+93	40+67	RTE54	RT	74 FEET OF 12" CMP
10	41+00	41+40	RTE54	LT	39 FEET OF 12" CMP
10	41+00	41+70	RTE54	RT	69 FEET OF 12" CMP
10	41+71		RTE54	RT	DROP INLET
10	41+71	42+58	RTE54	RT	87 FEET OF 12" CMP
10	42+59		RTE54	RT	DROP INLET
10	42+60	43+95	RTE54	RT	135 FEET OF 12" CMP
10	43+96		RTE54	RT	DROP INLET
10	43+97	44+17	RTE54	RT	20 FEET OF 12" CMP
10	44+50	44+92	RTE54	RT	42 FEET OF 18" CMP
10	44+86	45+28	RTE54	LT	42 FEET OF 12" CMP
11	45+80	46+43	RTE54	LT	63 FEET OF 12" CMP
11	46+24	46+82	RTE54	RT	58 FEET OF 18" CMP
11	47+36	47+37	RTE54	LT/RT	69 FEET OF 24" RCP
11	48+62	49+01	RTE54	RT	40 FEET OF 12" CMP
11	49+06	50+12	RTE54	RT	107 FEET OF 18" CMP
12	51+94		RTE54	RT	DROP INLET
12	51+95	52+32	RTE54	RT	37 FEET OF 18" CMP
12	52+64	53+06	RTE54	LT	42 FEET OF 18" CMP
12	52+89	53+28	RTE54	RT	40 FEET OF 18" CMP
12	53+36	53+68	RTE54	RT	32 FEET OF 24" CMP
12	53+74	54+35	RTE54	LT	61 FEET OF 18" CMP
12	54+14	54+46	RTE54	RT	31 FEET OF 18' CMP
12	54+70	55+37	RTE54	LT	66 FEET OF 15" CMP
12	54+96	55+24	RTE54	RT	29 FEET OF 18" CMP
13	55+88	56+39	RTE54	RT	50 FEET OF 18" CMP
13	57+16	57+44	RTE54	RT	28 FEET OF 15" CMP
13	58+98	59+39	RTE54	RT	40 FEET OF 12" CMP
13	59+87	60+29	RTE54	RT	42 FEET OF 12" CMP
13-14	60+32	60+60	RTE54	RT	28 FEET OF 12" CMP
14	60+88	61+33	RTE54	LT	45 FEET OF 15" CMP
14	62+53	63+04	RTE54	LT	51 FEET OF 12" CMP
15	66+43	67+09	RTE54	LT	66 FEET OF 12" CMP
15	66+59	67+01	RTE54	RT	42 FEET OF 12" CMP
15	67+32	67+74	RTE54	RT	42 FEET OF 12" CMP
15	68+30	68+73	RTE54	LT	42 FEET OF 12" CMP
15	68+33	68+60	RTE54	RT	27 FEET OF 12" CMP
15	68+64	69+07	RTE54	RT	43 FEET OF 12" CMP
15	69+12	69+64	RTE54	LT	52 FEET OF 12" CMP
15	69+37	69+79	RTE54	RT	42 FEET OF 12" CMP
15	69+91	70+41	RTE54	LT	50 FEET OF 15" CMP
16	70+86	71+87	RTE54	LT	101 FEET OF 18" CMP

NOTE: NO DIRECT PAY WILL BE MADE FOR DRAINAGE REMOVAL. DRAINAGE REMOVAL IS INCLUDED IN THE LUMP SUM COST FOR REMOVAL OF IMPROVEMENTS.

CLEARING AND GRUBBING

STATION	STATION	ROUTE	LOCATION	CLEARING AND GRUBBING AC
23+96	26+57	RTE54	LT	0.33
27+21	29+55	RTE54	RT	0.17
27+32	27+91	RTE54	LT	0.04
27+98	28+25	RTE54	LT	0.02
35+71	37+65	RTE54	LT	0.07
37+84	38+40	RTE54	LT	0.02
47+23	47+50	RTE54	LT	0.04
53+98	54+15	RTE54	RT	0.004
55+56	55+72	RTE54	RT	0.005
55+91	56+10	RTE54	RT	0.007
56+86	58+38	RTE54	RT	0.12
59+36	59+83	RTE54	RT	0.03
59+64	59+89	RTE54	LT	0.01
60+75	61+01	RTE54	LT	0.01
			TOTAL	1

MODIFIED LINEAR GRADING - CLASS 2

STATION	STATION	ROUTE	LOCATION	MODIFIED LINEAR GRADING STA	REMARKS
44+00.00	73+96.02	RTE54	LT	30	PHASE 1 - STAGE 1
16+42.32	44+00.00	RTE54	LT	27.6	PHASE 1 - STAGE 2
12+65.00	43+00.00	RTE54	RT	30.4	PHASE 2 - STAGE 1
43+00.00	73+15.00	RTE54	RT	30.2	PHASE 2 -STAGE 2
		TOTAL		118.2	

COMPACTING IN CUT

SHEET	STATION	STATION	ROUTE	LOCATION	COMPACTING IN CUT STA	REMARKS
6-7	24+15	27+98	RTE54	LT	3.8	
9	37+02	38+32	RTE54	RT	1.3	
13-14	59+80	60+60	RTE54	RT	0.8	
15	67+30	68+68	RTE54	RT	1.4	
15	68+95	69+88	RTE54	RT	0.9	
				TOTAL	8.2	

REMOVAL OF IMPROVEMENTS	1 LUMP SUM
MOBILIZATION	1 LUMP SUM
CONTRACTOR FURNISHED SURVEYING AND STAKING	1 LUMP SUM
RELOCATION OF EXISTING SIGN	1 LUMP SUM

MAILBOXES REMOVE AND RELOCATE - 22 EACH

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ST. LOUIS, MISSOURI 63141
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OPTIONAL PAVEMENT - 10.75 IN COMPOSITE VS 11.5 IN HMA

SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH FT	AVG WIDTH * FT	OPTIONAL PAVEMENT SY	REMARKS
4	12+63.70	13+20.00	RTE54	RT	56.3	4.5	28.2	
4	13+20.00	14+91.41	RTE54	RT	171.4	VAR.	103.9	
4-5	14+91.41	17+41.70	RTE54	RT	250.3	10.5	292.0	
5	16+42.32	18+02.00	RTE54	LT	159.7	4.5	79.9	
5-7	17+41.70	27+71.10	RTE54	RT	1029.4	VAR.	653.3	VARIES BETWEEN 4.5' AND 11.2'
5-6	18+02.00	23+05.89	RTE54	LT	503.9	VAR.	978.3	VARIES BETWEEN 4.5' AND 22.4'
6-7	23+05.89	27+94.10	RTE54	LT	488.2	VAR.	1035.0	VARIES BETWEEN 13.7' AND 22.4'
7-8	27+71.10	35+41.51	RTE54	RT	770.4	9.6	821.8	TAPER FROM 8.2' TO 11.0'
7-8	27+94.10	31+29.23	RTE54	LT	335.1	13.1	487.8	TAPER FROM 13.7 TO 12.5'
8	31+29.23	35+41.45	RTE54	LT	412.2	11.8	540.4	TAPER FROM 12.5' TO 11.0'
8-9	31+29.23	37+02.48	RTE54	LT	573.3	4.0	254.8	FULL DEPTH SHOULDER
8-10	35+41.51	44+00.00	RTE54	RT	858.5	11.0	1049.3	
8-9	35+41.45	37+02.48	RTE54	LT	161.0	11.0	196.8	
9-10	37+02.48	44+00.00	RTE54	LT	697.5	11.0	852.5	
10-13	44+00.00	56+58.85	RTE54	RT	1258.9	11.0	1538.7	
10-11	44+00.00	47+43.23	RTE54	LT	343.2	11.0	419.5	
11	47+43.23	49+40.12	RTE54	LT	196.9	11.0	240.7	
11	47+43.23	49+40.12	RTE54	LT	196.9	4.0	87.5	FULL DEPTH SHOULDER
11-16	49+40.12	71+00.00	RTE54	LT	2159.9	11.0	2639.9	
13-14	56+58.85	62+28.80	RTE54	RT	570.0	11.0	696.7	
13-14	56+58.85	62+28.80	RTE54	RT	570.0	4.0	253.3	FULL DEPTH SHOULDER
14	62+28.80	65+50.00	RTE54	RT	321.2	11.0	392.6	
15	65+50.00	68+74.96	RTE54	RT	325.0	VAR.	279.9	TAPER 11.0' TO 4.5'
15	68+74.96	69+88.44	RTE54	RT	113.5	4.6	58.0	TAPER FROM 4.5' TO 4.7'
15-16	69+88.44	71+15.00	RTE54	RT	126.6	VAR.	89.4	TAPER FROM 8.3' TO 4.5', INCLUDES SHLDR
16	71+00.00	71+78.24	RTE54	LT	78.2	10.0	86.9	TAPER FROM 11.0' TO 8.6'
16	71+78.24	73+96.20	RTE54	LT	218.0	VAR.	222.3	VARIES BETWEEN 12.6' AND 4.6', INCLUDES SHLDR
						TOTAL	14379.4	

*WIDTH VARIES - THE SY QUANTITY SHOWN IS A MEASURED AREA.

PCCP SHOULDER

SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH FT	AVG WIDTH * FT	PCCP SHOULDER SY	REMARKS
6	23+05.89	23+55.36	RTE54	LT	49.5	4.0	22.0	
6	23+55.36	24+01.81	RTE54	LT	46.4	5.0	25.8	TAPER 4.0' TO 6.0'
6-7	24+01.81	27+56.60	RTE54	LT	354.8	6.0	236.5	
7	27+56.60	27+94.10	RTE54	LT	37.5	5.0	20.8	TAPER 6.0' TO 4.0'
						TOTAL	305.1	

ASPHALT PAVEMENT

SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH FT	AVG WIDTH FT	THICKNESS IN	AREA SY	ASPHALT CONCRETE MIXTURE PG70-22 (SP125C MIX) 1.927 TONS/CY TONS	TACK COAT GAL	REMARKS
4	12+63.70	15+50.00	RTE54	RT/LT	286.3	VAR.	2.75	1622	239	162	VARIES 45.0' TO 57.3'
5	15+50.00	20+50.00	RTE54	RT/LT	500.0	VAR.	2.75	2255	332	226	VARIES 36.6'-45.0'
6	20+50.00	25+13.43	RTE54	RT/LT	463.4	VAR.	2.75	1832	270	183	VARIES 33.0' TO 34.0'
6-10	25+13.43	44+00.00	RTE54	RT/LT	1886.6	34	2.75	7127	1049	713	
10-16	44+00.00	70+50.00	RTE54	RT/LT	2650.0	34	2.75	10011	1474	1001	
16	70+50.00	73+96.17	RTE54	RT/LT	346.2	VAR.	2.75	1353	199	135	VARIES 34.0' TO 36.3'
								TOTAL	3563	2420	

*WIDTH VARIES - THE SY QUANTITY SHOWN IS A MEASURED AREA.

SUMMARY OF QUANTITIES
SHEET 4 OF 19

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PROFESSIONAL ENGINEER

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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

TYPE 5 AGGREGATE BASE

SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH FT	AVG WIDTH * FT	6" THICK SY	4" THICK SY	REMARKS
BASE UNDER OPTIONAL PAVEMENT, FULL DEPTH SHOULDER AND CURB AND GUTTER									
4	12+63.70	13+20.00	RTE54	RT	56.3	4.5	29		
4	13+20.00	14+91.41	RTE54	RT	171.4	7.6	145		
4-5	14+91.41	17+41.70	RTE54	RT	250.3	13.5	376		
5	16+42.32	18+02.00	RTE54	LT	159.7	7.5	134		INCLUDES BASE UNDER CURB AND GUTTER
5-7	17+41.70	27+71.10	RTE54	RT	1029.4	VAR.	992		VARIES BETWEEN 7.5' AND 14.2' - INCLUDES BASE UNDER CURB AND GUTTER
5-6	18+02.00	23+05.89	RTE54	LT	503.9	VAR.	1150		VARIES BETWEEN 7.5' AND 25.4' - INCLUDES BASE UNDER CURB AND GUTTER
6-7	23+05.89	27+94.10	RTE54	LT	488.2	VAR.	1035		VARIES BETWEEN 14.2' AND 23.9'
7-8	27+71.10	35+41.51	RTE54	RT	770.4	12.6	1079		TAPER FROM 11.2' TO 14.0' - INCLUDES BASE UNDER CURB AND GUTTER
7-8	27+94.10	31+29.23	RTE54	LT	335.1	16.1	600		TAPER FROM 16.7 TO 15.5'
8	31+29.23	35+41.45	RTE54	LT	412.2	11.8	541		TAPER FROM 12.5' TO 11.0'
8-9	31+29.23	37+02.48	RTE54	LT	573.3	4.0	255		BASE UNDER SHOULDER
8-10	35+41.51	44+00.00	RTE54	RT	858.5	14.0	1336		INCLUDES BASE UNDER CURB AND GUTTER
8-9	35+41.45	37+02.48	RTE54	LT	161.0	11.0	197		
9-10	37+02.48	44+00.00	RTE54	LT	697.5	14.0	1085		INCLUDES BASE UNDER CURB AND GUTTER
10-13	44+00.00	56+58.85	RTE54	RT	1258.9	14.0	1959		INCLUDES BASE UNDER CURB AND GUTTER
10-11	44+00.00	47+43.23	RTE54	LT	343.2	14.0	534		INCLUDES BASE UNDER CURB AND GUTTER
11	47+43.23	49+40.12	RTE54	LT	196.9	11.0	241		
11	47+43.23	49+40.12	RTE54	LT	196.9	4.0	88		BASE UNDER SHOULDER
11-16	49+40.12	71+00.00	RTE54	LT	2159.9	14.0	3360		INCLUDES BASE UNDER CURB AND GUTTER
13-14	56+58.85	62+28.80	RTE54	RT	570.0	11.0	697		
13-14	56+58.85	62+28.80	RTE54	RT	570.0	4.0	254		BASE UNDER SHOULDER
14	62+28.80	65+50.00	RTE54	RT	321.2	14.0	500		INCLUDES BASE UNDER CURB AND GUTTER
15-16	65+50.00	68+74.96	RTE54	RT	325.0	10.8	390		INCLUDES BASE UNDER CURB AND GUTTER
15	68+74.96	69+88.44	RTE54	RT	113.5	7.6	96		INCLUDES BASE UNDER CURB AND GUTTER
15-16	69+88.44	71+15.00	RTE54	R	126.6	VAR.	90		INCLUDES BASE UNDER SHOULDER
16	71+00.00	71+78.24	RTE54	LT	78.2	13.0	113		TAPER FROM 14.0' TO 12.9' - INCLUDES BASE UNDER CURB AND GUTTER
16	71+78.24	73+96.20	RTE54	LT	218.0	VAR.	223		VARIES BETWEEN 12.6' AND 4.7' - BASE UNDER SHOULDER
						SUBTOTAL	17499		
BASE UNDER PCCP SHOULDER									
6	23+05.89	23+55.36	RTE54	LT	49.5	4.0	22		
6	23+55.36	24+01.81	RTE54	LT	46.4	5.0	26		TAPER 4.0' TO 6.0'
6-7	24+01.81	27+56.60	RTE54	LT	354.8	6.0	237		
7	27+56.60	27+94.10	RTE54	LT	37.5	5.0	21		TAPER 6.0' TO 4.0'
						SUBTOTAL	306		
BASE UNDER SIDEROAD AND ENTRANCES									
4-16	BOP	EOP	RTE54	RT/LT					FROM SIDEROAD AND ENTRANCE QUANTITY TABLE
						SUBTOTAL		11443.0	
BASE UNDER SIDEWALK									
4	14+83	15+38	RTE54	RT					FROM SIDEWALK QUANTITY TABLE
						SUBTOTAL		23.6	
						TOTAL	17805	11467	

*WIDTH VARIES - THE SY QUANTITY SHOWN IS A MEASURED AREA.
6 INCH TYPE 5 AGGREGATE SHALL CONTINUE THROUGH PAVED APPROACH FOR A WIDTH OF 3 FEET ON ALL APPLICABLE SIDEROAD AND ENTRANCES.
4 INCH TYPE 5 AGGREGATE UNDER PAVED APPROACHES IS SHOWN ON SIDEROAD AND ENTRANCES TABLE.

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING

SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH FT	AVG WIDTH FT	DEPTH IN	COLDMILLING BITUMINOUS PAVEMENT (3 IN OR LESS) SY	REMARKS
4	12+63.70	15+50.00	RTE54	RT/LT	286.3	VAR.	2.75	1622	VARIES 45.0' TO 57.3'
5	15+50.00	20+50.00	RTE54	RT/LT	500.0	VAR.	2.75	2255	VARIES 36.6'-45.0'
6	20+50.00	25+13.43	RTE54	RT/LT	463.4	VAR.	2.75	1832	VARIES 33.0' TO 34.0'
6-10	25+13.43	44+00.00	RTE54	RT/LT	1886.6	34	2.75	7128	
10-16	44+00.00	70+50.00	RTE54	RT/LT	2650.0	34	2.75	10012	
16	70+50.00	73+96.17	RTE54	RT/LT	346.2	VAR.	2.75	1353	VARIES 34.0' TO 36.3'
							TOTAL	24202	

*WIDTH VARIES - THE SY QUANTITY SHOWN IS A MEASURED AREA.

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 5:57:24 PM
Emily S. Burkart - Civil
MO PE-2011015708

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SUITE 100
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PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

SIDEROAD AND ENTRANCES

SHEET	STATION	ROUTE	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	GRAVEL A (6 IN. THICK) SY	PAVED APPROACH 7 IN. SY	PAVED APPROACH 8 IN. SY	10 INCHES, BITUMINOUS PAVEMENT SY	CONCRETE PAVEMENT (8 IN. NON-REINF.) SY	SAWCUT (FOR INFORMATION ONLY) LF	REMARKS
4		COURT CIR1	RT	116			65.9	73.5		26.3	
5	16+13.50	RTE54	RT	50			36.3		31	16.4	
5		ILLINOIS ST	LT	116			140.4			66.9	
5		COURT CIR2	RT	109			69.5	63.9		30.7	
5	18+20.61	RTE54	LT	70			37.8	49.5		115.5	
5	18+59.73	RTE54	RT	71		46.6		46.1		27.1	
5	18+85.37	RTE54	LT	80			31.9	62.6		5.0	
5	19+58.12	RTE54	LT	124			33.7	105.2		135.5	
5	19+91.73	RTE54	RT	44		33.1		25.7		24.9	
5-6	20+18.85	RTE54	LT	131			32.0	99.0		75.4	
6		POPLAR		95			64.1	54.7		25.1	
6		HAHATONKART		223			100.4	159.7		28.6	
6		HAHATONKALT		137			75.5	89.9		20.6	
6	24+44.16	RTE54	RT	99			43.4	75.5		33.7	
6	24+81.06	RTE54	RT	113			43.5		86.6	38.5	
7	26+91.09	RTE54	RT	263			51.1	234.7			
7		MORGAN ST		104			51.2	71.4		20.0	
7		MITCHELL ROAD		262	44		62.5	222.5			
7	30+10.36	RTE54	LT	34			53.3			39.4	
7	30+47.83	RTE54	RT	242			40.2	219.9		88.0	
8	30+84.42	RTE54	LT	107			60.1	68.7		27.8	
8	31+86.55	RTE54	RT	133			52.8	104.4		56.1	
8	33+17.94	RTE54	RT	92			59.1	55.2		26.0	
8	33+75.40	RTE54	RT	83			40.9	61.2		57.2	
8	34+85.15	RTE54	RT	67			42.6	44.9		26.1	
8	35+46.60, 35+46.74	RTE54	LT	233			74.7		157.6	79.3	
9	35+75.87	RTE54	RT	94			37.4	74.3			
9	36+42.92	RTE54	LT	91		27.0		63.4		17.5	
9	36+85.06	RTE54	RT	263			43.2	240.3		161.1	
9		PANORAMIC	LT	224			90.9	163.6		20.0	
9	38+54.24	RTE54	RT	171			47.5		140.8	120.1	
9	39+47.97	RTE54	RT	292			46.8	267.0		120.8	
9	39+54.59	RTE54	LT	480			67.4	443.2			
10	41+26.31	RTE54	LT	152			59.2	120.4		267.0	INCLUDES SAW CUT ON EACH SIDE OF ENTRANCE
10	41+44.17	RTE54	RT	151			85.8	95.2		200.2	INCLUDES SAW CUT BETWEEN ENTRANCES
10	42+30.52	RTE54	RT	157			77.4		106.1	63.8	
10	43+17.64	RTE54	LT	157			59.9		124.8	217.8	INCLUDES SAW CUT BETWEEN ENTRANCES
10	43+71.01	RTE54	RT	161			78.8		107.3	64.1	
10	44+71.35	RTE54	RT	144			66.7	108.2		32.9	
10	45+06.72	RTE54	LT	90			59.4	57.3		100.2	INCLUDES SAW CUT BETWEEN ENTRANCES
11	46+10.74	RTE54	LT	120			54.3		89.6	55.0	
11	46+49.93	RTE54	RT	171			55.9	142.0		165.7	
11		LAKE ROAD		268			60.2	230.3		18.5	
11	49+31.35	RTE54	RT	245			51.8	216.0		135.8	
11	49+72.22	RTE54	LT	257			75.2	279.5			
12	50+51.10	RTE54	RT	131			55.6		99.9	56.5	
			SUBTOTAL 1	7017	44	106.7	2536.3	4488.9	943.7	2907.1	

RIGHT OF WAY AND PERMANENT EASEMENT MARKERS - FOR INFORMATION ONLY

STATION	STATION	ROUTE	LOCATION	2 IN. ALUMINUM CAP W/ MODOT R/W IMPRINT EA	6 FT. WHITE CARSONITE POST W/ MODOT R/W STICKER EA	24" SURVEY PIN EA	REMARKS
22+26	74+00.00	RTE54	LT	55	5	55	
23+90.00	70+00.00	RTE54	RT	40		40	
		TOTAL		95	5	95	

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 5:09:23 PM
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CORPORATE LICENSE #2002006608
HRGreen®

SIDEROAD AND ENTRANCES - CONTINUED

SHEET	STATION	ROUTE	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	GRAVEL A (6 IN. THICK) SY	PAVED APPROACH 7 IN. SY	PAVED APPROACH 8 IN. SY	10 INCHES, BITUMINOUS PAVEMENT SY	CONCRETE PAVEMENT (8 IN. NON-REINF.) SY	SAWCUT (FOR INFORMATION ONLY) LF	REMARKS
12	51+53.90	RTE54	LT	132			60.0	98.2		41.1	
12	51+79.94	RTE54	RT	86			44.3		61.8	46.8	
12	52+22.55	RTE54	LT	135			35.2	115.4		73.8	
12	52+45.88	RTE54	RT	311			41.8	289.1			
12	52+85.93	RTE54	LT	96			48.5	64.6		70.6	INCLUDES SAW CUT ON EACH SIDE OF ENTRANCE
12		LA DR		151			69.9	107.3		21.3	
12	54+16.32	RTE54	LT	58			40.4	36.6		59.3	INCLUDES SAW CUT BETWEEN ENTRANCES
12	54+28.76	RTE54	RT	97		30.6		80.7			
12	54+86.92	RTE54	LT	39			40.1		17.7	30.0	
12	55+09.79	RTE54	RT	75		27.4			60.0		
12	55+33.44	RTE54	LT	58			36.3	38.6			
13		BLAIR AVE		111			72.4	65.4		22.2	
13	57+10.48	RTE54	LT	77		30.4		61.5			
13	57+32.11	RTE54	RT	67			15.2	51.6			
13	58+36.75	RTE54	LT	378			45.2	353.3			
13	59+13.70	RTE54	LT	371			41.2	349.2			
13	59+22.00	RTE54	RT	110			26.9	82.9		19.7	
14		WHISPERING PINES		206			74.0	159.8		23.9	
14	62+72.60	RTE54	LT	107			43.7		82.6	115.9	
14		LAKEVIEW	RT	83			111.2			33.8	
14		HOPKINS CIR1	LT	150			84.3	96.5		32.0	
14	64+65.16	RTE54	RT	353			34.0	335.1		212.9	INCLUDES SAW CUT BETWEEN ENTRANCES
14	65+19.21	RTE54	LT	144			50.9	111.2			
15	66+16.50	RTE54	RT	260			38.5	238.6		82.9	
15		HOPKINS CIR2	LT	196			73.2	150.5		21.9	
15	66+79.81	RTE54	RT	181			40.3	158.8			
15	68+86.63	RTE54	RT	54		35.2		35.0			
15	69+45.77	RTE54	LT	100			55.4	65.9		34.7	
15	PARKER AVE	RTE54	LT	89			55.9	53.9			STA. 69+87.62
16	71+04.59	RTE54	LT	151			60.5	116.7		29.9	
			SUBTOTAL (2)	4426	0	123.6	1339.3	3316.4	222.1	972.7	
			SUBTOTAL (1)	7017	44	106.7	2536.3	4488.9	943.7	2907.1	
			TOTAL	*	44	230.3	3875.6	7805.3	1165.8	**	

*SEE TYPE 5 AGGREGATE TABLE

**SEE SAW CUT REMOVALS TABLE

CONCRETE SIDEWALK

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE SIDEWALK, 4 IN. SY	CONCRETE CURB RAMP SY	TRUNCATED DOMES SF	TYPE 5 AGGREGATE BASE (4" THICK) SY	REMARKS
4	14+83	14+98	RTE54	RT	5.9	10.1	10.0	15.9	
4	15+28	15+38	RTE54	RT	4.1	3.6	10.0	7.7	
				TOTAL	10.0	13.7	20.0	*	

*SEE TYPE 5 AGGREGATE TABLE

CONCRETE TRAFFIC BARRER

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE TRAFFIC BARRIER, TYPE D (RETAINING WALL) LF	REMARKS
6-7	24+01.81	27+56.60	RTE54	LT	361	
				TOTAL	361	

CONCRETE MEDIAN

SHEET	STATION	STATION	ROUTE	LOCATION	8 IN. CONCRETE MEDIAN STRIP SY	REMARKS
4	12+63.64	13+18.08	RTE54	RT	12.1	
4-5	13+17.33	17+08.64	RTE54	RT/LT	65.6	
				TOTAL	77.7	

SUMMARY OF QUANTITIES
SHEET 7 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/21/2025 7:36:32 AM
Emily S. Burkart - Civil
MO PE-2011015708

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HRGreen

ADJUSTMENTS

SHEET	STATION	ROUTE	OFFSET	SIDE	ADJUSTING WATER VALVE OR METERS EA	ADJUSTING MANHOLE EA	ADJUSTING BASIN OR INLET EA	REMARKS
4	15+35	ROUTE 54	46.1	RT	1			
4	15+36	ROUTE 54	50.7	RT	1			
4	15+38	ROUTE 54	44.1	RT	1			
5	17+15	ROUTE 54	27.0	LT			1	A08-GI-EX
5	17+15	ROUTE 54	24.5	LT			1	A07-GI-EX
6	20+59	ROUTE 54	33.6	LT	1			
6	22+55	ROUTE 54	41.9	LT	1			
6	22+55	ROUTE 54	27.5	LT		1		
6	25+02	ROUTE 54	51.9	RT	1			
7	28+33	ROUTE 54	34.3	RT		1		
7	28+56	ROUTE 54	50.2	LT	1			
8	30+54	ROUTE 54	43.8	LT	1			
8	30+57	ROUTE 54	44.2	LT	1			
8	30+59	ROUTE 54	44.8	LT	1			
8	30+68	ROUTE 54	45.7	LT		1		
8	30+85	ROUTE 54	44.0	RT	1			
8	31+35	ROUTE 54	33.2	LT	1			
8	32+26	ROUTE 54	37.1	RT		1		
8	32+69	ROUTE 54	47.0	LT		1		
8	32+80	ROUTE 54	41.2	LT	1			
8	32+83	ROUTE 54	33.1	RT		1		
8	33+50	ROUTE 54	33.6	RT	1			
8	33+65	ROUTE 54	34.2	RT	1			
8	33+69	ROUTE 54	43.0	LT		1		
8	33+90	ROUTE 54	41.2	RT	1			
9	36+24	ROUTE 54	36.4	RT				
9	37+38	ROUTE 54	43.4	LT		1		
9	37+44	ROUTE 54	44.2	RT	1			
9	37+55	ROUTE 54	36.6	LT	1			
9	38+10	ROUTE 54	43.8	RT	1			
9	39+12	ROUTE 54	42.3	RT	1			
9	40+23	ROUTE 54	36.7	RT		1		
10	41+65	ROUTE 54	37.2	LT	1			
10	43+97	ROUTE 54	35.0	LT	2			
10	43+98	ROUTE 54	47.4	RT	2			
10	44+26	ROUTE 54	35.5	RT		1		
11	47+98	ROUTE 54	40.3	RT		1		
11	48+13	ROUTE 54	25.7	LT	1			
11	48+67	ROUTE 54	38.2	LT	1			
11	49+17	ROUTE 54	50.6	RT		1		
11	49+26	ROUTE 54	41.0	RT		1		
11	49+29	ROUTE 54	35.3	LT	1			
11	49+76	ROUTE 54	49.4	RT	1			
12	52+13	ROUTE 54	36.8	RT		1		
12	52+93	ROUTE 54	49.7	RT	1			
12	53+06	ROUTE 54	54.0	RT	1			
12	53+55	ROUTE 54	40.6	LT	1			
12	53+69	ROUTE 54	42.1	RT	1			
12	54+13	ROUTE 54	42.0	RT	1			
12	54+37	ROUTE 54	40.7	LT	2			
12	54+60	ROUTE 54	37.5	RT		1		
12	55+42	ROUTE 54	36.4	LT	1			
13	56+12	ROUTE 54	35.5	RT		1		
13	56+33	ROUTE 54	50.6	RT	2			
13	56+39	ROUTE 54	38.4	LT	1			
13	56+75	ROUTE 54	43.9	RT	1			
13	58+09	ROUTE 54	45.3	RT	1			
13	58+62	ROUTE 54	39.9	LT	1			
14	60+87	ROUTE 54	38.6	LT	1			
14	61+78	ROUTE 54	36.0	RT		1		
14	62+05	ROUTE 54	39.9	LT	1			
14	62+74	ROUTE 54	34.7	LT	1			
14	63+21	ROUTE 54	39.0	RT	1			
14	64+34	ROUTE 54	47.2	RT	1			
14	64+36	ROUTE 54	35.0	RT		1		
14	64+41	ROUTE 54	44.7	RT	1			
15	65+63	ROUTE 54	35.7	RT		1		
15	65+99	ROUTE 54	40.5	RT	1			
15	66+09	ROUTE 54	46.2	RT	1			
15	66+58	ROUTE 54	39.6	LT	1			
15	69+24	ROUTE 54	34.1	RT		1		
15	69+68	ROUTE 54	43.1	LT	1			
16	71+17	ROUTE 54	50.6	LT		1		
				TOTAL	53	21	2	

SUMMARY OF QUANTITIES
SHEET 8 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/17/2025 5:09:23 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

CURBS

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S LF	CURB AND GUTTER TYPE B LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A LF	REMARKS
4	13+69.58	14+77.40	RTE54	RT		109		
4	200+45.51	200+69.69	COURT CIR	LT	26			
4	200+45.52	200+69.69	COURT CIR	RT	25			
5	15+48.57	15+86.79	RTE54	RT		39		
5	16+13.50		RTE54	RT			33	BOTH SIDES OF ENTRANCE
5	16+40.25	17+32.07	RTE54	RT		92		
4	16+42.32	17+16.88	RTE54	LT		75		
5	220+44.97	220+62.23	COURT CIR	LT	20			
5	220+45.32	220+62.80	COURT CIR	RT	19			
5	18+07.59	18+36.31	RTE54	RT		28		
5	18+20.61		RTE54	LT	26			BOTH SIDES OF ENTRANCE
5	18+43.48	18+63.76	RTE54	LT	21			BEYOND ENTRANCE
5	18+43.75	18+64.03	RTE54	LT		21		
5	18+85.37		RTE54	LT	26			BOTH SIDES OF ENTRANCE
5	19+03.33	19+64.52	RTE54	RT		60		
5	19+06.69	19+35.37	RTE54	LT	30			BEYOND ENTRANCE
5	19+06.97	19+35.65	RTE54	LT		29		
5	19+58.12		RTE54	LT	26			BOTH SIDES OF ENTRANCE
5	19+80.43	19+97.23	RTE54	LT		17		BEYOND ENTRANCE
5	19+80.69	19+97.48	RTE54	LT		17		
5-6	20+12.20	21+32.63	RTE54	RT		119		
5	20+18.85		RTE54	LT	26			BOTH SIDES OF ENTRANCE
5-6	20+40.40	21+10.59	RTE54	LT		72		
5-6	20+41.14	20+52.35	RTE54	LT	13			BEYOND ENTRANCE
6	229+45.87	229+64.73	POPLAR	LT	21			
6	21+83.28	22+22.31	RTE54	LT		40		
6	240+34.49	240+88.97	HHT CT	LT	55			
6	240+73.81	240+88.97	HHT CT	RT	27			
6	249+53.78	249+64.84	HHT RD	RT	11			
6	22+45.90	23+95.12	RTE54	RT		150		
6	24+44.16		RTE54	RT	46			BOTH SIDES OF ENTRANCE
6	24+80.21		RTE54	RT			52	BOTH SIDES OF ENTRANCE
6-7	25+18.08	26+54.45	RTE54	RT		134		
7	26+91.09		RTE54	RT	141			BOTH SIDES OF ENTRANCE
7	27+27.19	27+91.43	RTE54	RT		65		
7	27+56.60	27+94.10	RTE54	LT			38	
7	259+36.70	259+56.35	MORGAN ST	LT	20			
7	259+47.42	259+65.20	MORGAN ST	RT	19			
7	270+38.00	271+03.47	MITCHELL RD	RT	67			
7	270+38.00	271+03.47	MITCHELL RD	LT	67			
7	28+51.80	29+79.00	RTE54	LT		129		
7	28+62.43	30+13.79	RTE54	RT		152		
7-8	30+39.46	30+62.81	RTE54	LT		24		
7	30+47.83		RTE54	RT	41			BOTH SIDES OF ENTRANCE
8	30+70.05	31+49.05	RTE54	RT		79		
8	30+84.42		RTE54	LT	28			
8	31+86.55		RTE54	RT	124			BOTH SIDES OF ENTRANCE
8	32+24.05	32+79.96	RTE54	RT		56		
8	33+17.94		RTE54	RT	39			BOTH SIDES OF ENTRANCE
8	33+47.65	33+52.65	RTE54	RT		5		
8	33+75.87		RTE54	RT	39			
8	34+08.45	34+54.65	RTE54	RT		47		
8	34+85.15		RTE54	RT	17			
8-9	35+16.06	35+52.23	RTE54	RT		37		
9	36+05.78	36+51.09	RTE54	RT		46		
9	36+85.06		RTE54	RT	13			
9	37+14.59	38+21.24	RTE54	RT		107		
9	38+04.04	39+07.32	RTE54	LT		104		
9	38+54.24		RTE54	RT			84	BOTH SIDES OF ENTRANCE
9	38+82.77	39+27.05	RTE54	RT	45			BEYOND ENTRANCE
9	38+88.51	39+18.05	RTE54	RT		30		
9	39+02.74	39+27.50	RTE54	LT	26			BEYOND ENTRANCE
9	39+47.97		RTE54	RT	39			BOTH SIDES OF ENTRANCE
9	39+54.59		RTE54	LT	30			BOTH SIDES OF ENTRANCE
9	39+66.47	39+83.25	RTE54	RT	17			BEYOND ENTRANCE
9-10	39+80.23	41+04.59	RTE54	LT	125			BEYOND ENTRANCE
9-10	39+84.28	41+05.90	RTE54	RT	122			BEYOND ENTRANCE
9-10	39+84.47	40+96.89	RTE54	RT		113		
9-10	39+99.85	40+84.97	RTE54	LT		86		
9	40+05.26	40+42.82	RTE54	LT		38		MODIFIED
				SUBTOTAL (1)	1437	2120	207	

SUMMARY OF QUANTITIES
SHEET 9 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/21/2025 7:37:42 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/21/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen®

CURBS - CONTINUED

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S LF	CURB AND GUTTER TYPE B LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A LF	REMARKS
10	41+26.31		RTE54	LT	31			BOTH SIDES OF ENTRANCE
10	41+44.17		RTE54	RT	24			BOTH SIDES OF ENTRANCE
10	41+48.02	42+90.51	RTE54	LT	143			BEYOND ENTRANCE
10	41+67.64	42+75.89	RTE54	LT		109		
10	42+30.52		RTE54	RT			45	BOTH SIDES OF ENTRANCE
10	42+68.89	43+31.20	RTE54	RT		63		
10	43+17.64		RTE54	LT			41	BOTH SIDES OF ENTRANCE
10	43+39.76	44+84.79	RTE54	LT	140			BEYOND ENTRANCE
10	43+59.38	44+65.17	RTE54	LT		106		
	43+71.01		RTE54	RT	10.00		45	
10	44+15.00	44+25.45	RTE54	RT		11		
10	44+71.35		RTE54	RT	57			BOTH SIDES OF ENTRANCE
10	45+06.72		RTE54	LT	31			BOTH SIDES OF ENTRANCE
10-11	45+18.01	46+11.64	RTE54	RT		95		
10-11	45+28.87	45+84.42	RTE54	LT	55			BEYOND ENTRANCE
10-11	45+48.84	45+71.37	RTE54	LT		23		
11	46+10.74		RTE54	LT			13	
11	46+45.23	47+43.24	RTE54	LT		97		
11	46+49.93		RTE54	RT	25			BOTH SIDES OF ENTRANCE
11	46+76.40	47+69.58	RTE54	RT	90			BEYOND ENTRANCE
11	46+88.27	47+72.34	RTE54	RT		85		
11	290+36.06	290+49.51	LAKE	LT	15			
11	290+42.20	290+60.88	LAKE	RT	48			
11	290+88.00	290+92.70	LAKE	RT	9			
11	48+41.32	49+02.31	RTE54	RT		62		
11	48+94.93	49+20.83	RTE54	RT		27		MODIFIED/ BEYOND ENTRANCE
11	49+31.35		RTE54	RT	35			BOTH SIDES OF ENTRANCE
11	49+57.90	49+70.62	RTE54	RT	13			BEYOND ENTRANCE
11	49+67.68	50+06.04	RTE54	RT		39		
11-12	50+08.16	51+13.60	RTE54	LT		105		
12	50+51.10		RTE54	RT			44	BOTH SIDES OF ENTRANCE
12	50+81.35	51+52.16	RTE54	RT		72		
12	51+79.94		RTE54	RT			36	BOTH SIDES OF ENTRANCE
12	51+93.66	51+98.23	RTE54	LT	5			BEYOND ENTRANCE
12	51+95.55	51+98.23	RTE54	LT		3		
12	52+08.94	52+29.49	RTE54	RT	21			BEYOND ENTRANCE
12	52+12.44	52+16.84	RTE54	RT		5		
12	52+22.55		RTE54	LT	32			BOTH SIDES OF ENTRANCE
12	52+45.88		RTE54	RT	27			BOTH SIDES OF ENTRANCE
12	52+46.87	52+59.77	RTE54	LT		13		
12	52+46.87	52+59.77	RTE54	LT	13			BEYOND ENTRANCE
12	52+62.27	52+98.71	RTE54	RT	58			BEYOND ENTRANCE
12	52+85.93		RTE54	LT	26			BOTH SIDES OF ENTRANCE
12	300+36.98	300+55.94	LA DR	RT	8			
12	300+39.06	300+63.44	LA DR	LT	28			
12	53+12.06	53+82.80	RTE54	LT		70		
12	53+55.02	54+07.15	RTE54	RT		53		
12	54+16.32		RTE54	LT	12			
12	54+40.64	54+52.50	RTE54	LT		12		
12	54+50.33	54+89.58	RTE54	RT		40		
12	54+86.92		RTE54	LT			7	
12-13	55+29.00	55+77.30	RTE54	RT		49		
12	55+33.44		RTE54	LT	13			
13	55+61.52	56+85.78	RTE54	LT		124		
13	310+38.49	310+58.15	BLAIR AVE	RT	23			
13	57+31.05	57+96.90	RTE54	LT		66		
13	58+36.75		RTE54	LT	21			
13	58+60.32	58+89.43	RTE54	LT		30		
13	58+60.32	58+89.43	RTE54	LT	30			BEYOND ENTRANCE
13	59+13.70		RTE54	LT	21			
13-14	59+47.43	60+67.44	RTE54	LT		120		
14	319+07.32	319+62.00	WHISPERING PINES	RT	58			
14	319+07.67	319+62.00	WHISPERING PINES	LT	58			
14	61+52.44	62+42.69	RTE54	LT		91		
14	62+72.60		RTE54	LT			26	BOTH SIDES OF ENTRANCE
14	63+01.33	63+44.73	RTE54	LT			49	BEYOND ENTRANCE
14	63+01.35	63+24.16	RTE54	LT		23		
14	63+13.80	64+39.24	RTE54	RT		126		
				SUBTOTAL (2)	1170	1719	306	

SUMMARY OF QUANTITIES
SHEET 10 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/21/2025 7:39:48 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/21/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

CURBS - CONTINUED

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S LF	CURB AND GUTTER TYPE B LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A LF	REMARKS
14	339+52.66	339+58.50	HOPKINS	LT	9			
14	339+58.09	339+64.61	HOPKINS	RT	4			
14	64+18.44	64+92.52	RTE54	LT		74		
14-15	64+87.59	65+88.61	RTE54	RT		101		
14-15	65+47.87	66+34.00	RTE54	LT		86		
15	66+16.50		RTE54	RT	36			BOTH SIDES OF ENTRANCE
15	66+43.61	66+48.61	RTE54	RT		5		
15	340+38.25	340+60.94	HOPKINS	LT	27			
15	340+41.63	340+62.90	HOPKINS	RT	24			
15	67+04.50	68+57.43	RTE54	RT		153		
15	67+18.27	69+11.82	RTE54	LT		194		
15	69+08.47	69+88.46	RTE54	RT		80		
15	69+45.77		RTE54	LT	43			BOTH SIDES OF ENTRANCE
15	69+75.25	69+85.48	RTE54	LT		11		
15	69+87.62		RTE54	LT	34			
15-16	70+48.99	70+96.99	RTE54	LT		48		
16	71+04.59		RTE54	LT	63			BOTH SIDES OF ENTRANCE
				SUBTOTAL (3)	240	752	0	
				SUBTOTAL (2)	1170	1719	306	
				SUBTOTAL (1)	1437	2120	207	
				TOTAL	2847	4591	513	

GUTTER

SHEET	STATION	STATION	ROUTE	LOCATION	CONCRETE GUTTER TYPE A LF	CONCRETE GUTTER TYPE B LF	REMARKS
6	24+11.01	27+56.60	RTE54	LT		365	
11	49+93.97		RTE54	RT	10		
11	50+19.55		RTE54	RT	10		
13	59+61.54		RTE54	LT	10		
				TOTAL	30	365	

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/21/2025 7:40:30 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/21/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

PERMANENT PAVEMENT MARKING

SHEET	STATION	STATION	ROUTE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24 IN. WHITE LF	PREFORMED THERMOPLASTIC PAVEMENT MARKING LT/RT ARROW EACH	4 IN. YELLOW HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	6 IN. YELLOW HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	6 IN. WHITE HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	LANE REDUCTION ARROW EACH	REMARKS
163	-	11+67	RTE54		1					LEFT ARROW
163	11+98	15+50	RTE54					88		LANE LINE
163	11+98	13+17	RTE54			477				(2) DOUBLE CENTER LINE
163	-	12+92	RTE54		1					LEFT ARROW
163	13+17	14+60	RTE54					285		(2) LANE LINE
163	14+60	15+50	RTE54					23		LANE LINE
163	15+50	20+50	RTE54					250		LANE LINE
163	15+93	17+23	RTE54				130	130		LANE LINE
163	-	15+93	RTE54		1					LEFT ARROW
163	-	17+01	RTE54		1					LEFT ARROW
163	-	17+23	RTE54	12						STOP BAR
163	17+73	20+50	RTE54			553				SOLID CENTER
163	17+73	20+50	RTE54			138				INTER. CENTER
163	-	17+86	RTE54		1					LEFT ARROW
163	-	18+67	RTE54		1					LEFT ARROW
163	-	18+93	RTE54		1					LEFT ARROW
164	23+06	25+50	RTE54					250		EDGE LINE
164	20+50	25+50	RTE54					250		LANE LINE
164	20+50	25+50	RTE54			1000				SOLID CENTER
164	20+50	25+50	RTE54			250				INTER. CENTER
164	-	23+17	RTE54		1					LEFT ARROW
164	-	23+43	RTE54		1					LEFT ARROW
164	25+50	27+94	RTE54					245		EDGE LINE
164	25+50	30+50	RTE54					250		LANE LINE
164	25+50	30+50	RTE54			1000				SOLID CENTER
164	25+50	30+50	RTE54			250				INTER. CENTER
164	-	28+17	RTE54		1					LEFT ARROW
164	-	28+43	RTE54		1					LEFT ARROW
165	31+29	35+50	RTE54					421		EDGE LINE
165	30+50	35+50	RTE54					250		LANE LINE
165	30+50	35+50	RTE54			1000				SOLID CENTER
165	30+50	35+50	RTE54			250				INTER. CENTER
165	-	33+17	RTE54		1					LEFT ARROW
165	-	33+43	RTE54		1					LEFT ARROW
165	35+50	37+02	RTE54					152		EDGE LINE
165	35+50	40+50	RTE54					250		LANE LINE
165	35+50	40+50	RTE54			1000				SOLID CENTER
165	35+50	40+50	RTE54			250				INTER. CENTER
165	-	38+17	RTE54		1					LEFT ARROW
165	-	38+43	RTE54		1					LEFT ARROW
166	40+50	45+50	RTE54					250		LANE LINE
166	40+50	45+50	RTE54			1000				SOLID CENTER
166	40+50	45+50	RTE54			250				INTER. CENTER
166	-	43+17	RTE54		1					LEFT ARROW
166	-	43+43	RTE54		1					LEFT ARROW
166	47+43	49+40	RTE54					197		EDGE LINE
166	45+50	50+50	RTE54					250		LANE LINE
166	45+50	50+50	RTE54			1000				SOLID CENTER
166	45+50	50+50	RTE54			250				INTER. CENTER
166	-	48+17	RTE54		1					LEFT ARROW
166	-	48+43	RTE54		1					LEFT ARROW
167	50+50	55+50	RTE54					250		LANE LINE
167	50+50	55+50	RTE54			1000				SOLID CENTER
167	50+50	55+50	RTE54			250				INTER. CENTER
167	-	53+17	RTE54		1					LEFT ARROW
167	-	53+43	RTE54		1					LEFT ARROW
167	56+59	60+50	RTE54					391		EDGE LINE
167	55+50	60+50	RTE54					125		LANE LINE
167	55+50	60+26	RTE54					119		LANE LINE
167	55+50	60+50	RTE54			1000				SOLID CENTER
167	55+50	60+50	RTE54			250				INTER. CENTER
167	-	58+17	RTE54		1					LEFT ARROW
167	-	58+43	RTE54		1					LEFT ARROW
167	-	60+01	RTE54						1	
			SUBTOTAL (1)	12	23	11168	130	4426	1	

SUMMARY OF QUANTITIES
SHEET 12 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 5:09:23 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

PERMANENT PAVEMENT MARKING - CONTINUED

SHEET	STATION	STATION	ROUTE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24 IN. WHITE LF	PREFORMED THERMOPLASTIC PAVEMENT MARKING LT/RT ARROW EACH	4 IN. YELLOW HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	6 IN. YELLOW HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	6 IN. WHITE HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS LF	LANE REDUCTION ARROW EACH	REMARKS
168	60+50	62+29	RTE54					180		EDGE LINE
168	60+50	65+50	RTE54					125		LANE LINE
168	60+50	65+50	RTE54			1000				SOLID CENTER
168	60+50	65+50	RTE54			250				INTER. CENTER
168	-	63+17	RTE54		1					LEFT ARROW
168	-	63+43	RTE54		1					LEFT ARROW
168	-	65+03	RTE54						1	
168	69+88	70+50	RTE54					62		EDGE LINE
168	65+50	70+50	RTE54					125		LANE LINE
168	65+50	70+50	RTE54			1000				SOLID CENTER
168	65+50	70+50	RTE54			250				INTER. CENTER
168	-	68+17	RTE54		1					LEFT ARROW
168	-	68+43	RTE54		1					LEFT ARROW
169	70+50	73+96	RTE54					346		EDGE LINE
169	70+97	73+96	RTE54					299		EDGE LINE
169	70+50	73+96	RTE54					87		LANE LINE
169	70+50	73+96	RTE54			692				SOLID CENTER
169	70+50	73+96	RTE54			173				INTER. CENTER
169	-	73+17	RTE54		1					LEFT ARROW
169	-	73+43	RTE54		1					LEFT ARROW
			SUBTOTAL (2)	0	6	3365	0	1224	1	
			SUBTOTAL (1)	12	23	11168	130	4426	1	
			TOTAL	12	29	14533	130	5650	2	

36 IN. SURFACE-MOUNT DELINEATOR POST

SHEET	STATION	STATION	ROUTE	LOCATION	36 IN. SURFACE-MOUNT DELINEATOR POST EA	REMARKS
155	13+18		RTE54	RT	1	MEDIAN NOSE
155	14+56		RTE54	RT	1	CURB CUT
155	14+62		RTE54	RT	1	CURB CUT
155	14+97	15+22	RTE54	RT	6	5' SPACING
155	15+94		RTE54	RT	1	BREAK POINT
155	17+08		RTE54	RT	1	MEDIAN NOSE
				TOTAL	11	

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 5:09:23 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

DRAINAGE STRUCTURES

SHEET	ROUTE	STRUCTURE	STATION	OFFSET	SIDE	DEPTH	CLASS 3 EXCAV CY	CURVED VANE GRATE & FRAME 2'X2' EA	PRECAST CONC. DROP INLET 2'X2' LF	GRATE & BEARING PLATE 3'X2' TYPE S EA	PRECAST CONC. DROP INLET 3'X2' LF	GRATE & BEARING PLATE 5'X3' TYPE S EA	PRECAST CONC. DROP INLET 5'X3' LF	PRECAST CONC. DROP INLET 3'X3' LF	MANHOLE FRAME & COVER TYPE 1-B EA	PRECAST CONCRETE MANHOLE 48 IN. LF	PRECAST CONCRETE MANHOLE 60 IN. LF	PRECAST CONCRETE MANHOLE 72 IN. LF	GROUP B FES 15" EA	GROUP B FES 18" EA	GROUP B FES 24" EA	GROUP B FES 30" EA	PIPE COLLAR TYPE A EA	REMARKS
5	ROUTE 54	A13-GI	17+30.57	35.50	RT	5	9	1	5															
5	ROUTE 54	A12-GI	18+34.75	35.60	RT	5	8	1	5															
5	ROUTE 54	A15-FES	18+34.89	41.00	RT	0	0												1					
5	ROUTE 54	A11-GI	19+62.95	32.39	RT	4	7	1	4															
5	ROUTE 54	A14-FES	19+63.20	42.00	RT	0	0												1					
5	ROUTE 54	A06-GI	19+89.11	27.78	LT	5	7	1	5															
6	ROUTE 54	A10-GI	21+31.10	29.50	RT	5	8	1	5															
6	ROUTE 54	A09-MH	22+11.25	55.05	RT	6	15								1	6								
6	ROUTE 54	A05-GI	22+06.10	29.50	LT	5	13	1																**
6	ROUTE 54	A19-DI	22+06.09	37.00	LT	5	9			1	5													
6	ROUTE 54	A04-DI	23+02.23	42.32	LT	5	14					1	5											
6	ROUTE 54	A03-TR	23+02.31	18.76	LT	0	0																1.0	
6	ROUTE 54	A01-MH	23+03.00	36.00	RT	13	40								1		13							
6	ROUTE 54	A02-GI	23+13.73	29.50	RT	5	10	1	5															
6	ROUTE 54	A17-GI	23+38.18	29.50	RT	5	9	1	5															
6	ROUTE 54	A18-GI	23+62.49	29.50	RT	5	9	1	5															
6	ROUTE 54	A19-GI	25+19.61	29.50	RT	4	8	1	4															
7	ROUTE 54	B14-GI	26+52.93	29.50	RT	5	5	1	5															
7	ROUTE 54	B24-CI	27+60.50	34.88	LT	5	9							5										
7	ROUTE 54	B13-GI	27+89.93	29.50	RT	6	5	1	6															
7	ROUTE 54	B23-GI	28+67.00	29.50	LT	4	7	1	4															
7	ROUTE 54	B12-GI	30+12.29	29.50	RT	5	8	1	5															
8	ROUTE 54	B25-DI	30+57.53	38.16	LT	4	9			1	4													
8	ROUTE 54	B22-GI	30+59.88	29.50	LT	5	12	1																**
8	ROUTE 54	B21-FES	31+36.19	44.69	LT	0	0															1		
8	ROUTE 54	B11-GI	31+47.55	29.50	RT	5	7	1	5															
8	ROUTE 54	B10-GI	32+78.47	29.50	RT	5	5	1	5															
8	ROUTE 54	B16-DI	33+50.15	41.00	RT	4	8			1	4													
8	ROUTE 55	B09A-GI	33+50.15	29.50	RT	5	5	1	5															
8	ROUTE 54	B09-GI	34+53.15	29.50	RT	5	6	1	5															
8	ROUTE 54	B15-DI	34+53.15	41.00	RT	3	6			1	3													
8	ROUTE 54	B20-FES	34+90.34	49.32	LT	0	0															1		
9	ROUTE 54	B08-GI	35+50.73	29.50	RT	4	5	1	4															
9	ROUTE 54	B19-FES	35+84.57	52.19	LT	0	0															1		
9	ROUTE 54	B18-FES	36+23.92	52.00	LT	0	0															1		
9	ROUTE 54	B07-GI	36+56.82	30.13	RT	3	2	1																**
9	ROUTE 54	B17-FES	36+61.92	52.00	LT	0	0															1		
9	ROUTE 54	B04-MH	37+11.46	34.73	LT	5	5								1	5								
9	ROUTE 54	C11-GI	37+16.09	29.50	RT	4	6	1	4															
9	ROUTE 54	B03-FES	37+23.30	57.63	LT	0	0													1				
9	ROUTE 54	C10-GI	38+19.74	29.50	RT	4	6	1	4															
9	ROUTE 54	C15-GI	39+05.82	29.50	LT	5	7	1	5															
9	ROUTE 54	C09-GI	39+16.55	29.50	RT	5	6	1	5															
9	ROUTE 54	C08-GI	39+85.97	29.50	RT	5	6	1	5															
10	ROUTE 54	C14-GI	40+83.47	29.50	LT	5	8	1	5															
10	ROUTE 54	C07-GI	40+95.39	29.50	RT	5	6	1	5															
10	ROUTE 54	C06-GI	41+87.59	29.50	RT	6	10	1	6															
10	ROUTE 54	C13-GI	42+74.39	29.50	LT	6	9	1	6															
10	ROUTE 54	C05-GI	43+29.70	29.50	RT	6	10	1	6															
10	ROUTE 54	C04-GI	44+23.95	29.50	RT	7	9	1	7															
10	ROUTE 54	C19-FES	44+23.95	36.64	RT	0	0												1					
10	ROUTE 54	C12-GI	44+63.67	29.50	LT	5	7	1	5															
11	ROUTE 54	C18-FES	46+04.73	37.03	RT	0	0												1					
11	ROUTE 54	C03-GI	46+07.40	29.50	RT	8	14	1																**
11	ROUTE 54	C02-GI	47+36.03	29.50	RT	8	12	1																**
11	ROUTE 54	C01-GI	47+36.63	29.50	LT	9	11	1																**
11	ROUTE 54	C00-FES	47+36.68	67.08	LT	0	0																1	
11	ROUTE 54	C02A-GI	47+70.85	29.50	RT	7	6	1	7															
11	ROUTE 54	C16-DI	47+79.78	41.45	RT	6	6			1	6													
11	ROUTE 54	C17-FES	47+85.23	88.32	RT	0	0												1					
					SUBTOTAL (1)		409	37	157	5	22	1	5	5	3	11	13	0	5	1	5	1	1	

** SEE MISC. DRAINAGE STRUCTURES

SUMMARY OF QUANTITIES
SHEET 14 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 5:58:55 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

DRAINAGE STRUCTURES - CONTINUED

SHEET	ROUTE	STRUCTURE	STATION	OFFSET	SIDE	DEPTH	CLASS 3 EXCAV CY	CURVED VANE GRATE & FRAME 2'X2' EA	PRECAST CONC. DROP INLET 2'X2' LF	GRATE & BEARING PLATE 3'X2' TYPE S EA	PRECAST CONC. DROP INLET 3'X2' LF	GRATE & BEARING PLATE 5'X3' TYPE S EA	PRECAST CONC. DROP INLET 5'X3' LF	PRECAST CONC. DROP INLET 3'X3' LF	MANHOLE FRAME & COVER TYPE 1-B EA	PRECAST CONCRETE MANHOLE 48 IN. LF	PRECAST CONCRETE MANHOLE 60 IN. LF	PRECAST CONCRETE MANHOLE 72 IN. LF	GROUP B FES 15" EA	GROUP B FES 18" EA	GROUP B FES 24" EA	GROUP B FES 30" EA	PIPE COLLAR TYPE A EA	REMARKS
12	ROUTE 54	E01A-GI	50+09.67	29.50	LT	4	4	1	4															
12	ROUTE 54	E01-GI	50+93.02	29.50	LT	7	8	1	7															
12	ROUTE 54	E00-FES	51+02.63	105.76	LT	0	0												1					
12	ROUTE 54	E02-GI	53+13.58	29.50	LT	4	6	1	4															
12	ROUTE 54	F02-GI	53+56.50	29.50	RT	5	7	1	5															
12	ROUTE 54	F03-GI	54+52.00	29.50	RT	5	6	1	6															
12	ROUTE 54	F10-FES	54+52.00	34.00	RT	0	0												1					
12	ROUTE 54	F04-GI	55+30.48	29.50	RT	7	6	1	7															
12	ROUTE 54	F11-FES	55+30.50	36.00	RT	0	0												1					
13	ROUTE 54	E03-GI	55+63.04	29.50	LT	4	7	1	4															
13	ROUTE 54	F04A-MH	56+48.00	30.90	RT	9	13								1			9						
13	ROUTE 54	F05-DI	56+48.00	46.00	RT	7	13			1	7													
13	ROUTE 54	F06-FES	57+18.08	46.00	RT	0	0													1				
13	ROUTE 54	F07-FES	57+46.08	46.00	RT	0	0													1				
13	ROUTE 54	F08-FES	59+03.00	45.00	RT	0	0													1				
13	ROUTE 54	F09-FES	59+41.00	45.00	RT	0	0													1				
15	ROUTE 54	G10-GI	65+87.09	28.76	RT	5	6	1	5															
15	ROUTE 54	G07-GI	66+32.50	29.50	LT	4	5	1	4															
15	ROUTE 54	G14-DI	66+32.50	41.00	LT	5	11			1	5													
15	ROUTE 54	G06-GI	67+19.77	29.50	LT	5	7	1	5															
15	ROUTE 54	G09-GI	67+35.93	25.78	RT	5	8	1	5															
15	ROUTE 54	G05-GI	68+15.05	29.50	LT	4	6	1	4															
15	ROUTE 54	G08-GI	68+55.91	23.38	RT	5	8	1	5															
15	ROUTE 54	G04-GI	69+10.32	29.50	LT	4	6	1	4															
15	ROUTE 54	G15-DI	69+10.32	43.00	LT	4	9			1	4													
15	ROUTE 54	G03-GI	69+83.98	29.50	LT	4	6	1	4															
15	ROUTE 54	G12-FES	70+47.60	36.00	LT	0	0												1					
15	ROUTE 54	G02-GI	70+47.61	29.50	LT	4	4	1	4															
15	ROUTE 54	G01-MH	70+47.66	21.06	RT	8	32								1			8						
16	ROUTE 54	G11-DI	71+78.24	39.00	LT	4	6			1	4													
					SUBTOTAL (2)		184	16	77	4	20	0	0	0	2	0	0	17	4	4	0	0	0	
					SUBTOTAL (1)		409	37	157	5	22	1	5	5	3	11	13	0	5	1	5	1	1	
						TOTAL	*	53	234	9	42	1	5	5	5	11	13	17	9	5	5	1	1	

* SEE DRAINAGE PIPES FOR CLASS 3 EXCAVATION TOTAL

MISCELLANEOUS DRAINAGE STRUCTURES

SHEET	ROUTE	STRUCTURE	STATION	OFFSET	SIDE	CLASS B-1 CONCRETE CY	REINF. STEEL LBS	REMARKS
6	ROUTE 54	A05-GI	22+06.10	29.50	LT	2.4	260	CONCRETE MANHOLE D = 5 FT
8	ROUTE 54	B22-GI	30+59.88	29.50	LT	2.4	260	CONCRETE MANHOLE D = 5 FT
9	ROUTE 54	B07-GI	36+56.82	30.13	RT	2.7	260	CONCRETE MANHOLE D = 3 FT
11	ROUTE 54	C03-GI	46+07.40	29.50	RT	3.4	330	CONCRETE MANHOLE D = 8 FT
11	ROUTE 54	C02-GI	47+36.03	29.50	RT	4.3	370	CONCRETE MANHOLE D = 9 FT
11	ROUTE 54	C01-GI	47+36.63	29.50	LT	4.1	360	CONCRETE MANHOLE D = 8 FT
					TOTAL	19.3	1840	

SUMMARY OF QUANTITIES
SHEET 15 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 5:59:28 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen®

DRAINAGE PIPES

SHEET	ROUTE	FROM STRUCTURE	TO STRUCTURE	START STATION	OFFSET	SIDE	CLASS 3 EXCAVATION CY	GROUP A PIPE 15" LF	GROUP A PIPE 18" LF	GROUP A PIPE 24" LF	GROUP A PIPE 30" LF	GROUP B PIPE 15"	GROUP B PIPE 18"	GROUP B PIPE 30"	REMARKS
5	ROUTE 54	A07-GI-EX	A06-GI	17+15.38	24.50	LT	186	275							
5	ROUTE 54	A13-GI	A12-GI	17+30.57	35.50	RT	79	102							
5	ROUTE 54	A12-GI	A11-GI	18+34.75	35.60	RT	85	124							
5	ROUTE 54	A15-FES	A12-GI	18+34.89	41.00	RT	2					5			
5	ROUTE 54	A11-GI	A10-GI	19+62.95	32.39	RT	109	163							
5	ROUTE 54	A14-FES	A11-GI	19+63.20	42.00	RT	2					9			
5-6	ROUTE 54	A06-GI	A05-GI	19+89.11	27.78	LT	144	219							
6	ROUTE 54	A10-GI	A09-MH	21+31.10	29.50	RT	62	80							
6	ROUTE 54	A05-GI	A04-DI	22+06.10	29.50	LT	91			98					
6	ROUTE 54	A19-DI	A05-GI	22+06.09	37.00	LT	1						5		
6	ROUTE 54	A04-DI	A03-TR	23+02.23	42.32	LT	20				20				
6	ROUTE 54	A02-GI	A01-MH	23+13.73	29.50	RT	5	9							
6	ROUTE 54	A17-GI	A02-GI	23+38.18	29.50	RT	17	22							
6	ROUTE 54	A18-GI	A17-GI	23+62.49	29.50	RT	16	22							
6	ROUTE 54	A19-GI	A18-GI	25+19.61	29.50	RT	114	153							
7	ROUTE 54	B14-GI	B13-GI	26+52.93	29.50	RT	110	134							
7	ROUTE 54	B13-GI	B12-GI	27+89.93	29.50	RT	177	221							
7	ROUTE 54	B24-CI	B23-GI	27+60.50	34.88	LT	81	105							
7-8	ROUTE 54	B23-GI	B22-GI	28+67.00	29.50	LT	135	191							
7	ROUTE 54	B12-GI	B11-GI	30+12.29	29.50	RT	91	134							
8	ROUTE 54	B25-DI	B22-GI	30+57.53	38.16	LT	2						8		
8	ROUTE 54	B22-GI	B21-FES	30+59.88	29.50	LT	58			77					
8	ROUTE 54	B11-GI	B10-GI	31+47.55	29.50	RT	76	129							
8	ROUTE 54	B10-GI	B09A-GI	32+78.47	29.50	RT	48	72							
8	ROUTE 54	B16-DI	B09A-GI	33+50.15	41.00	RT	4					10			
8	ROUTE 54	B09A-GI	B09-GI	33+50.15	29.50	RT	64	103							
8	ROUTE 54	B09-GI	B08-GI	34+53.15	29.50	RT	54	96							
8	ROUTE 54	B15-DI	B09-GI	34+53.15	41.00	RT	4					10			
8	ROUTE 54	B20-FES	B19-FES	34+90.34	49.32	LT	66			95					
8	ROUTE 54	B08-GI	B07-GI	35+50.73	29.50	RT	41		105						
9	ROUTE 54	B18-FES	B17-FES	36+23.92	52.00	LT	26			38					
9	ROUTE 54	B04-MH	B03-FES	37+11.46	34.73	LT	10						26		
9	ROUTE 54	C11-GI	C10-GI	37+16.09	29.50	RT	56	102							
9	ROUTE 54	C10-GI	C09-GI	38+19.74	29.50	RT	56	95							
9-10	ROUTE 54	C15-GI	C14-GI	39+05.82	29.50	LT	120	176							
9	ROUTE 54	C09-GI	C08-GI	39+16.55	29.50	RT	44	68							
9-10	ROUTE 54	C08-GI	C07-GI	39+85.97	29.50	RT	86		108						
10	ROUTE 54	C14-GI	C13-GI	40+83.47	29.50	LT	152	189							
10	ROUTE 54	C07-GI	C06-GI	40+95.39	29.50	RT	85		91						
10	ROUTE 54	C06-GI	C05-GI	41+87.59	29.50	RT	142		141						
10	ROUTE 54	C13-GI	C12-GI	42+74.39	29.50	LT	148	188							
10	ROUTE 54	C05-GI	C04-GI	43+29.70	29.50	RT	95		93						
10	ROUTE 54	C04-GI	C03-GI	44+23.95	29.50	RT	182		183						
10	ROUTE 54	C19-FES	C04-GI	44+23.95	36.64	RT	5					7			
10-11	ROUTE 54	C12-GI	C01-GI	44+63.67	29.50	LT	196	269							
11	ROUTE 54	C18-FES	C03-GI	46+04.73	37.03	RT	3					8			
11	ROUTE 54	C03-GI	C02-GI	46+07.40	29.50	RT	127			128					
11	ROUTE 54	C02-GI	C01-GI	47+36.03	29.50	RT	67				57				
11	ROUTE 54	C01-GI	C00-FES	47+36.63	29.50	LT	32							37	
11	ROUTE 54	C02A-GI	C02-GI	47+70.85	29.50	RT	28		34						
11	ROUTE 54	C16-DI	C02A-GI	47+79.78	41.45	RT	10	14							
11	ROUTE 54	C17-FES	C16-DI	47+85.23	88.32	RT	25	47							
12	ROUTE 54	E01-GI	E00-FES	50+93.02	29.50	LT	58					76			
12	ROUTE 54	E01A-GI	E01-GI	50+09.67	29.50	LT	53					81			
12	ROUTE 54	E02-GI	E01-GI	53+13.58	29.50	LT	146	217							
12	ROUTE 54	F02-GI	F01-GI-EX	53+56.50	29.50	RT	69		162						
12	ROUTE 54	F03-GI	F02-GI	54+52.00	29.50	RT	52		95						
12	ROUTE 54	F10-FES	F03-GI	54+52.00	34.00	RT	2					4			
12	ROUTE 54	F04-GI	F03-GI	55+30.48	29.50	RT	54		78						
12	ROUTE 54	F11-FES	F04-GI	55+30.50	36.00	RT	3					6			
12-13	ROUTE 54	E03-GI	E02-GI	55+63.04	29.50	LT	150	245							
13	ROUTE 54	F04A-MH	F04-GI	56+48.00	30.90	RT	130		116						
13	ROUTE 54	F05-DI	F04A-MH	56+48.00	46.00	RT	14		13						
13	ROUTE 54	F07-FES	F06-FES	57+46.08	46.00	RT	27		28						
13	ROUTE 54	F09-FES	F08-FES	59+41.00	45.00	RT	30		38						
						SUBTOTAL (1)	4427	3964	1285	436	77	216	39	37	

NO DIRECT PAY FOR TYING INTO STRUCTURES.

SUMMARY OF QUANTITIES
SHEET 16 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 5:09:23 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\003_QU_J5P3573_I1.dgn 4:56:15 PM 4/17/2025

DRAINAGE PIPES - CONTINUED

SHEET	ROUTE	FROM STRUCTURE	TO STRUCTURE	START STATION	OFFSET	SIDE	CLASS 3 EXCAVATION CY	GROUP A PIPE 15" LF	GROUP A PIPE 18" LF	GROUP A PIPE 24" LF	GROUP A PIPE 30" LF	GROUP B PIPE 15" LF	GROUP B PIPE 18" LF	GROUP B PIPE 30" LF	REMARKS
15	ROUTE 54	G10-GI	G09-GI	65+87.09	28.76	RT	96	147							
15	ROUTE 54	G07-GI	G06-GI	66+32.50	29.50	LT	66	86							
15	ROUTE 54	G14-DI	G07-GI	66+32.50	41.00	LT	4					10			
15	ROUTE 54	G06-GI	G05-GI	67+19.77	29.50	LT	53	94							
15	ROUTE 54	G09-GI	G08-GI	67+35.93	25.78	RT	85	118							
15	ROUTE 54	G05-GI	G04-GI	68+15.05	29.50	LT	59	94							
15	ROUTE 54	G08-GI	G01-MH	68+55.91	23.38	RT	146	191							
15	ROUTE 54	G04-GI	G03-GI	69+10.32	29.50	LT	51		72						
15	ROUTE 54	G15-DI	G04-GI	69+10.32	43.00	LT	4					12			
15	ROUTE 54	G03-GI	G02-GI	69+83.98	29.50	LT	45		62						
15	ROUTE 54	G12-FES	G02-GI	70+47.60	36.00	LT	1					6			
15-16	ROUTE 54	G11-DI	G02-GI	71+78.24	39.00	LT	67		129						
					SUBTOTAL (2)		677	730	263	0	0	28	0	0	
					SUBTOTAL (1)		4427	3964	1285	436	77	216	39	37	
				SUBTOTAL DRAINAGE STRUCTURES			593	-	-	-	-	-	-	-	
						TOTAL	5697	4694	1548	436	77	244	39	37	

NO DIRECT PAY FOR TYING INTO STRUCTURES.

DRAINAGE EROSION CONTROL - PERMANENT

SHEET	ROUTE	STATION	STATION	OFFSET	SIDE	FURNISHING TYPE 2 ROCK DITCH LINER CY	PLACING TYPE 2 ROCK DITCH LINER CY	ROCK LINING FOR CULVERT OUTLET CY	TYPE 1 TURF REINFORCEMENT MAT SY	REMARKS
6	ROUTE 54	22+63	23+94		RT				218	
8	ROUTE 54	31+36	34+90		LT				877	
8	ROUTE 54	31+36		44.7	LT			3		B21-FES
9	ROUTE 54	35+85	36+24	52.2	LT	29	29			B19-FES
9	ROUTE 54	36+62	37+30		LT				171	
9	ROUTE 54	36+62		52.0	RT			3		B17-FES
9	ROUTE 54	37+23		57.6	LT			2		B03-FES
11	ROUTE 54	47+37		70.5	LT			5		C00-FES
11	ROUTE 54	50+00	50+24		RT			10		GUTTER FLUMES
12	ROUTE 54	51+09		107.2	LT			2		E00-FES
13	ROUTE 54	57+18		43.0	RT			2		F06-FES
13	ROUTE 54	59+03		43.0	RT			2		F08-FES
13	ROUTE 54	56+53	57+18		RT				98	
13	ROUTE 54	57+46	59+03		RT				263	
13	ROUTE 54	59+60			LT			6		TYPE B GUTTER FLUME
13-14	ROUTE 54	59+35	60+97		LT				339	
					TOTAL	29	29	35	1966	

SEEDING

SHEET	STATION	STATION	ROUTE	LOCATION	SLOPE AREA SF	SEEDING - WARM SEASON GRASSES ACRE	TEMPORARY SEEDING ACRE	MULCHING ACRE	ADDITIONAL MOBILIZATION FOR SEEDING EA	REMARKS
95	13+72	15+53	RTE54	RT/LT	832	0.02	0.00	0.02	4	
96	15+25	20+93	RTE54	RT/LT	11709	0.27	0.10	0.27		
97	20+93	26+33	RTE54	RT/LT	16394	0.38	0.10	0.38		
98	26+33	31+73	RTE54	RT/LT	12644	0.29	0.10	0.29		
99	31+73	37+13	RTE54	RT/LT	22079	0.51	0.20	0.51		
100	37+13	42+53	RTE54	RT/LT	12890	0.30	0.10	0.30		
101	42+53	47+93	RTE54	RT/LT	15178	0.35	0.10	0.35		
102	47+93	53+33	RTE54	RT/LT	8326	0.19	0.10	0.19		
103	53+33	58+73	RTE54	RT/LT	18089	0.42	0.10	0.42		
104	58+73	64+13	RTE54	RT/LT	15535	0.36	0.10	0.36		
105	64+13	69+53	RTE54	RT/LT	10268	0.24	0.10	0.24		
106	69+53	73+96	RTE54	RT/LT	8207	0.19	0.10	0.19		
					TOTAL	3.5	1.2	3.5	4	

SUMMARY OF QUANTITIES
SHEET 17 OF 19

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

04/21/2025 8:10:09 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/21/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

TEMPORARY EROSION CONTROL

SHEET	STATION	STATION	ROUTE	SEDIMENT REMOVAL CY	SILT FENCE LF	SEDIMENT TRAP ROCK CY	ROCK DITCH CHECK LF	CURB INLET CHECK EA	REMARKS
83	13+75	15+53	RTE54	1	126.52				
84	15+53	20+93	RTE54	2	194.43			5	
85	20+93	26+33	RTE54	11	517.06		96	9	
86	26+33	31+73	RTE54	16	1389.12		40	8	
87	31+73	37+13	RTE54	20	364.32		200	4	
88	37+13	42+53	RTE54	16	490.53	2	12	8	
89	42+53	47+93	RTE54	20	626.05	2	56	8	
90	47+93	53+33	RTE54	19	856.34	2		6	
91	53+33	58+73	RTE54	11	703.4		48	8	
92	58+73	64+13	RTE54	9	397.81		60	3	
93	64+13	69+53	RTE54	9	896.88			8	
94	69+53	73+96	RTE54	16	412.83	2	24	2	
			TOTAL	150	6975	8	536	69	

TEMPORARY TRAFFIC CONTROL

SHEET	STATION	STATION	ROUTE	PAVEMENT EDGE TREATMENT LF	DIRECTION	REMARKS
97	44+00	50+63	RTE 54	663	EAST	PHASE 1 STAGE 1
98	50+63	64+13	RTE 54	1350	EAST	
99	64+13	74+00	RTE 54	987	EAST	
101	14+25	23+63	RTE 54	938	EAST	PHASE 1 STAGE 2
102	23+63	37+13	RTE 54	1350	EAST	
103	37+13	44+00	RTE 54	687	EAST	
107	12+65	23+63	RTE 54	1098	WEST	PHASE 2 STAGE 1
108	23+63	37+13	RTE 54	1350	WEST	
109	37+13	43+00	RTE 54	587	WEST	
115	43+00	50+63	RTE 54	763	WEST	PHASE 2 STAGE 2
116	50+63	64+13	RTE 54	1350	WEST	
117	64+13	71+15	RTE 54	702	WEST	
			SUBTOTAL	23650		

* FOR INFORMATION ONLY

TEMPORARY TRAFFIC CONTROL

SHEET	STATION	STATION	ROUTE	4 IN. SOLID WHITE, TEMPORARY LF	4 IN. SOLID YELLOW, TEMPORARY LF	SOLID WHITE REMOVAL LF	SOLID YELLOW REMOVAL LF	DASHED YELLOW REMOVAL LF	REMARKS
97	38+60	50+63	RTE 54	1203	2406		1350	1350	PHASE 1 STAGE 1
98	50+63	64+13	RTE 54	1350	2700		1350	1350	
99	64+13	77+63	RTE 54	1350	2700		1350	1350	
100	77+63	88+20	RTE 54	1057	2114		1057	1057	
101	13+50	23+63	RTE 54	1013	2026		1173	1173	PHASE 1 STAGE 2
102	23+63	37+13	RTE 54	1350	2700		1350	1350	
103	37+13	50+63	RTE 54	1350	2700				
104	50+63	64+13	RTE 54	1350	2700				
105	64+13	74+00	RTE 54	987	1974				
107	11+65	23+63	RTE 54	2396	2396		1198	1198	PHASE 2 STAGE 1
108	23+63	37+13	RTE 54	2700	2700		1350	1350	
109	37+13	50+63	RTE 54	2700	2700		1350	1350	
110	50+63	64+13	RTE 54	2700	2700		1350	1350	
111	64+13	74+00	RTE 54	1974	1974		987	987	
113	11+90	23+63	RTE 54	2346	2346		1173	1173	PHASE 2 STAGE 2
114	23+63	37+13	RTE 54	2700	2700		1350	1350	
115	37+13	50+63	RTE 54	2700	2700		1350	1350	
116	50+63	64+13	RTE 54	2700	2700		1350	1350	
117	64+13	76+55	RTE 54	2484	2484		1242	1242	
119	12+65	23+63	RTE 54	1098			1098		PHASE 3 STAGE 1
120	23+63	37+13	RTE 54	1350			1350		
121	37+13	50+63	RTE 54	1350			1350		
122	50+63	64+13	RTE 54	1350			1350		
123	64+13	77+63	RTE 54	1350			1350		
124	77+63	85+70	RTE 54	807			807		
125	12+65	23+63	RTE 54	1098	1098	2196	1098		PHASE 3 STAGE 2
126	23+63	37+13	RTE 54	1350	1350	2700	1350		
127	37+13	50+63	RTE 54	1350	1350	2700	1350		
128	50+63	64+13	RTE 54	1350	1350	2700	1350		
129	64+13	77+63	RTE 54	1350	1350	2700	1350		
130	77+63	85+80	RTE 54	817	817	1634	817		
			SUBTOTAL	51030	54735	14630	34950	5083	
			TOTAL *	105765		54663			

* FOR INFORMATION ONLY

SUMMARY OF QUANTITIES
SHEET 18 OF 19

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart
04/21/2025 8:10:47 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/21/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00	1	16	3	48	15	REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00	1	16	3	48	15	REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00	1	16			6A	MERGE (LEFT)
WO4-1aR	48X48	16.00	1	16			6A	MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	4	64	16	256	36	UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	15	240	8	128	2	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	1	16	2	32	5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	4	64	4	64	6	RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16			26	END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64			55	POINT OF PRESENCE
CONST-8	48X36	12.00	2	24			57	WORK ZONE NO PHONE ZONE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	552

616-10.10 RELOCATED SIGNS	TOTAL
	576

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008	6	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	1041	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	1	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	4	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6205902A		WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
6205903A		YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
6207002		PAVEMENT MARKING (SYMBOLS)
6207001	54663	PAVEMENT MARKING REMOVAL
6191000	23650	PAVEMENT EDGE TREATMENT (LF)
6208076	105765	TEMPORARY PAVEMENT MARKING PAINT (LF)

TRAFFIC CONTROL - CHANNELIZERS
- LANE TRANSITION = 121 TOTAL
- 10 CHANNELIZERS / PER DRIVEWAY = 760 TOTAL
- 10 CHANNELIZERS / PER INTERSECTION = 160 TOTAL
TOTAL = 1041 CHANNELIZERS

SUMMARY OF QUANTITIES
SHEET 19 OF 19

EFFECTIVE: 07-01-2024

DESCRIPTION

DATE

DESCRIPTION

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

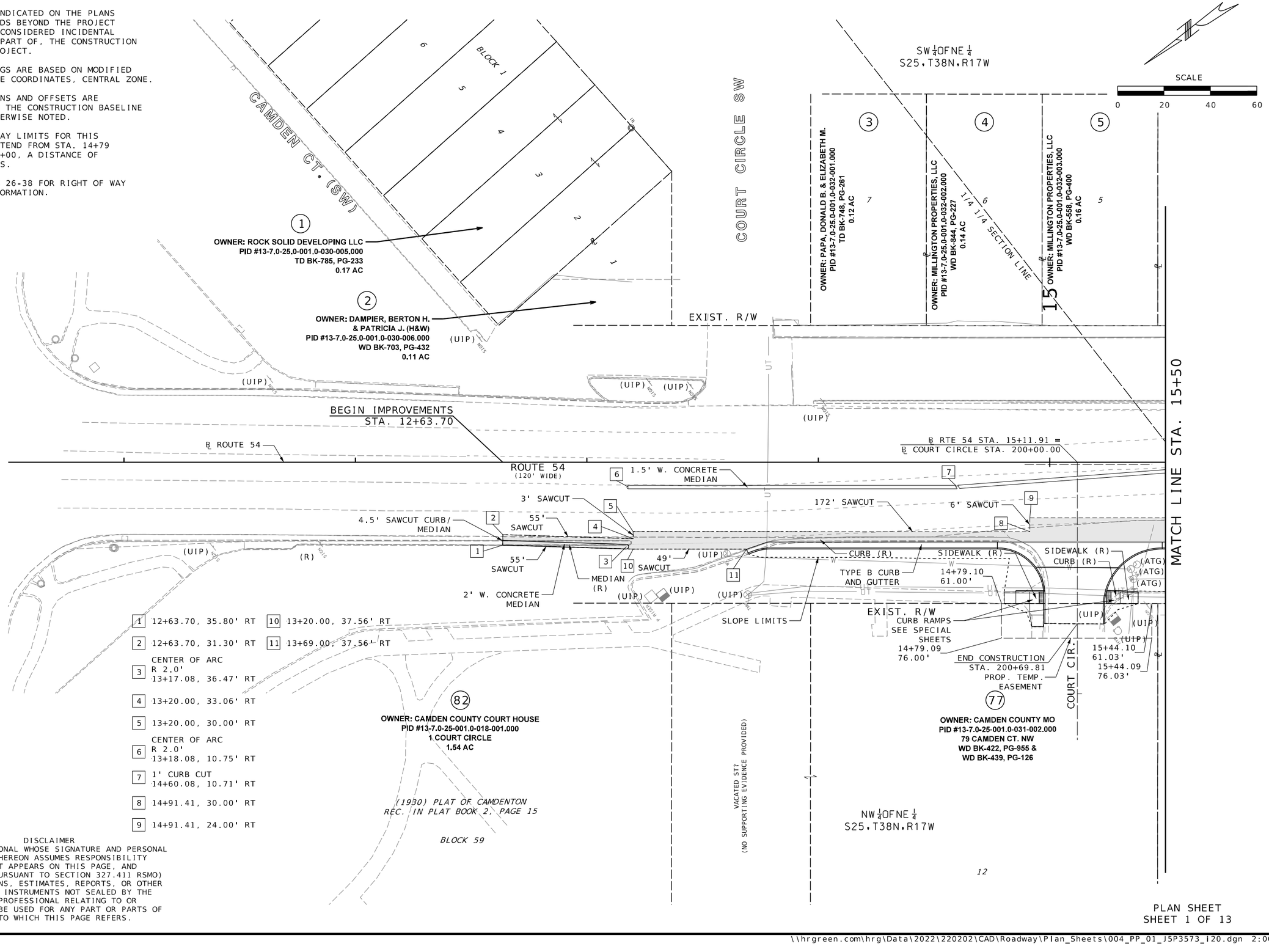
ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO, AND A PART OF, THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS ARE BASED ON MODIFIED STATE PLANE COORDINATES, CENTRAL ZONE.

ALL STATIONS AND OFFSETS ARE GIVEN FROM THE CONSTRUCTION BASELINE UNLESS OTHERWISE NOTED.

RIGHT-OF-WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 14+79 TO STA. 74+00, A DISTANCE OF 1.121 MILES.

SEE SHEETS 26-38 FOR RIGHT OF WAY TAKING INFORMATION.



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PLAN SHEET
SHEET 1 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:14:55 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	4

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

SW¼OF NE¼
S25, T38N, R17W

OWNER: DOBBINS, G. RICHARD & KAREN SUE (WHITWORTH) (H&W)
(1/2 INT. & LISA DAWN (WHITWORTH) VAN HOOK (1/2 INT.)
PID #13-7.0-25.0-001.0-045-002.000
WD BK-731, PG-701
0.61 AC

SCALE
0 20 40 60

BLOCK 2 | BLOCK 5

6
OWNER: DEE DESIGN, LLC
PID #13-7.0-25.0-001.0-032-004.000
WD BK-767, PG-472
0.25 AC

7
OWNER: BOARDWALK ON 54 LLC
PID #13-7.0-25.0-001.0-032-005.000
WD BK-841, PG-247
0.17 AC

8
OWNER: CAMDENTON REORGANIZED SCHOOL DISTRICT R-III
PID #13-7.0-25.0-001.0-045-001.000
WD BK-480, PG-26
0.45 AC

9
OWNER: SAMUELSON, ROGER A. & JACQUELINE (H&W)
PID #13-7.0-25.0-001.0-045-001.001
WD BK-507, PG-759
0.46 AC

10

1 15+93.05, 1.50' RT
2 15+93.00, 0.00' RT
3 16+42.32, 18.50' LT
4 CENTER OF ARC R 2.0' 17+07.87, 0.77' RT
5 17+41.70, 24.00' RT
6 18+02.00, 18.50' LT
7 BEGIN TAPER 18+18.52, 34.50' RT
8 BEGIN TAPER 18+18.52, 23.00' LT
9 19+00.65, 12.32' LT
10 19+99.97, 24.65' RT

ILLINOIS ST.
℄ ILLINOIS ST.
EXIST. R/W
BEGIN CONSTRUCTION STA. 209+56.53
SLOPE LIMITS
STA. 16+42.32 BEGIN CURB AND GUTTER
CURB (R)
7.5' SAWCUT
TYPE B CURB AND GUTTER
160' SAWCUT
℄ RTE 54 STA. 17+54.42 = ℄ ILLINOIS STREET STA. 210+00.00
℄ ROUTE 54
PC STA 18+18.52
100' SAWCUT
1.5' W. CONCRETE MEDIAN
24'
10.5'
250' SAWCUT
CURB AND GUTTER (R)
℄ RTE 54 STA. 17+68.45 = ℄ COURT CIRCLE STA. 220+00.00
TYPE B CURB AND GUTTER
EXIST. R/W
ROUTE 54
(120' WIDE)
TYPE B CURB AND GUTTER
256' SAWCUT
79' SAWCUT
MATCH LINE STA. 15+50
MATCH LINE STA. 20+50

PAVED APPROACH
STA. 18+20.61 LT
30.2' W. ASPHALT
EXIST. GRADE 1.60%
PROP. GRADE 2.05%

PAVED APPROACH
STA. 18+85.37 LT
30.4' W. ASPHALT
EXIST. GRADE 4.00%
PROP. GRADE 3.60%

PROP. TEMP. EASEMENT
RELOCATE 3 CURB BLOCKS
19+16.09
59.51'
19+15.95
54.51'

PAVED APPROACH
STA. 19+58.12 LT
32.5' W. ASPHALT
EXIST. GRADE -1.06%
PROP. GRADE -1.20%

PAVED APPROACH
STA. 20+18.85 LT
30.4' W. ASPHALT
EXIST. GRADE 1.02%
PROP. GRADE -1.75%

TYPE S CURB
(SIGN TBRBO)
MAILBOX (R)
A06-GI
A08-GI-EX
A07-GI-EX
A12-GI
A11-GI
A13-GI
A15-FES
A14-FES
CURB (R)
17+95.63 61.69'
17+95.25 76.69'
17+48.10 61.12'
17+48.09 76.12'
PROP. TEMP. EASEMENT
℄ COURT CIR. NW
END CONSTRUCTION STA. 220+62.80

PAVED APPROACH
STA. 16+13.50 RT
14.0' W. CONCRETE
EXIST. GRADE 4.50%
PROP. GRADE 8.77%

PAVED APPROACH
STA. 18+59.73 RT
29.3' W. ASPHALT
SKEW 15.0° AH. RT.
EXIST. GRADE -7.02%
PROP. GRADE -5.58%

PAVED APPROACH
STA. 19+91.73 RT
30.0' W. ASPHALT
SKEW 4.8° BK. RT.
EXIST. GRADE -6.55%
PROP. GRADE -7.55%

80
OWNER: COUNTY OF CAMDEN / COMMISIONER STEVE WEST
PID# 13-7.0-25.0-001.0-031-009.000
ADDRESS: 113W. U.S. HWY 54
DEED BK-481, PG-911
0.26 AC

79
OWNER: EILEEN V. BUTTS (TRUSTEE)
PID# 13-7.0-25.0-001.0-031-008.000
ADDRESS: 133R W. U.S. HWY 54
WD BK-339, PG-619
0.09 AC

78
OWNER: LIGHTHOUSE ASSETS, LLC
PID# 13-7.0-25.0-001.0-031-007.000
ADDRESS: 145 W. U.S. HWY 54
WD BK-863, PG-343
0.34 AC

77
OWNER: CAMDEN COUNTY MO
PID #13-7.0-25.0-001.0-031-002.000
ADDRESS: CAMDEN COUNTY COURTHOUSE
WD BK-422, PG-955 &
WD BK-439, PG-126
3.94 AC

76
OWNER: VICTORIA E. ICENOGLE
PID# 13-7.0-25.0-001.0-031-005.000
ADDRESS: 181 W. U.S. HWY 54
WD BK-429, PG-836
0.21 AC

75
OWNER: STRAFFORD APARTMENTS, LLC
PID #13-7.0-25.0-001.0-031-004.000
ADDRESS: 40 HA HA TONKA CUT THRU
WD BK-792, PG-60
0.44 AC

NW¼OF NE¼
S25, T38N, R17W

1/4 1/4 SECTION LINE

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PLAN SHEET
SHEET 2 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:16:27 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	5

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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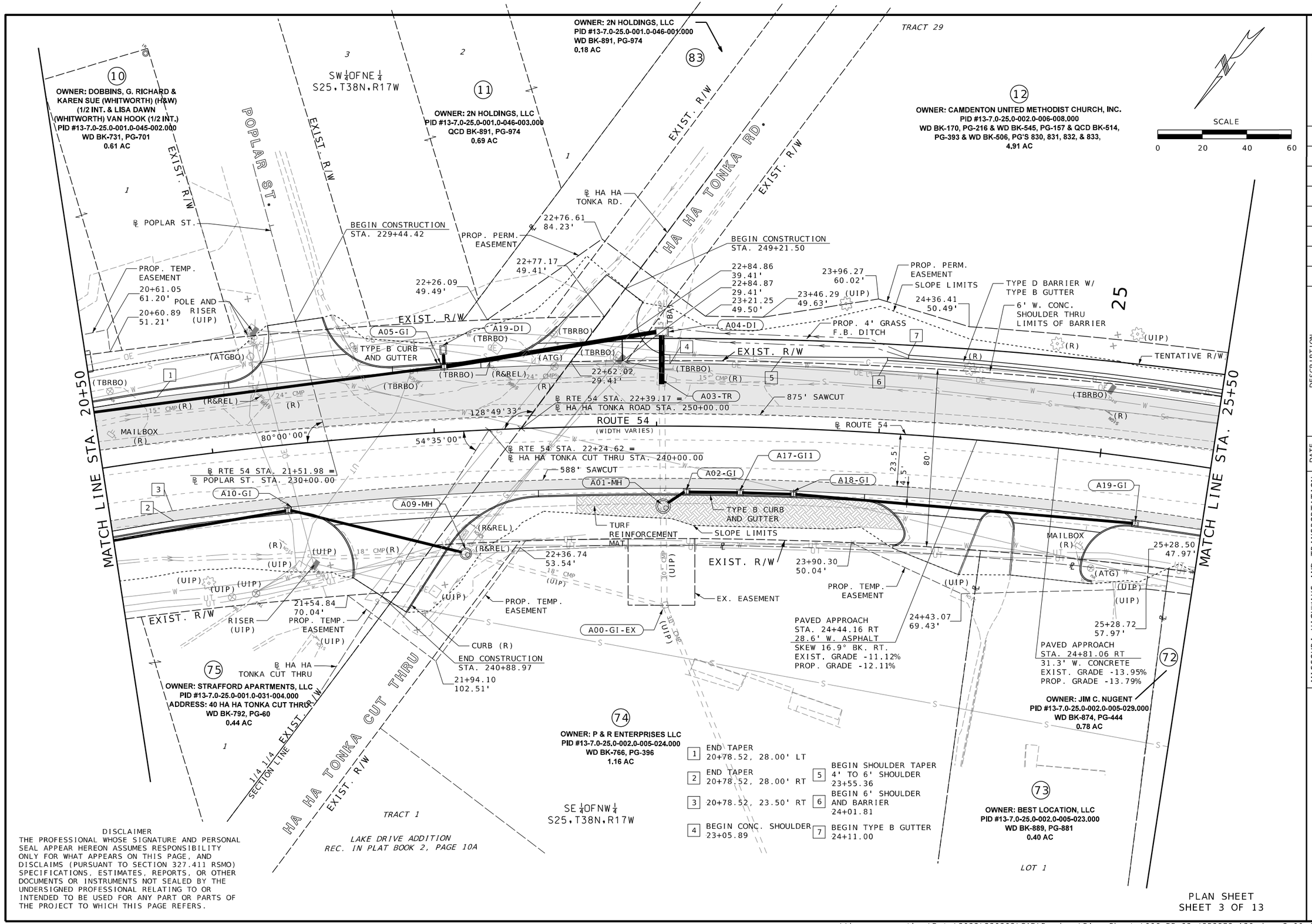

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PLAN SHEET
SHEET 3 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:17:21 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/17/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 6
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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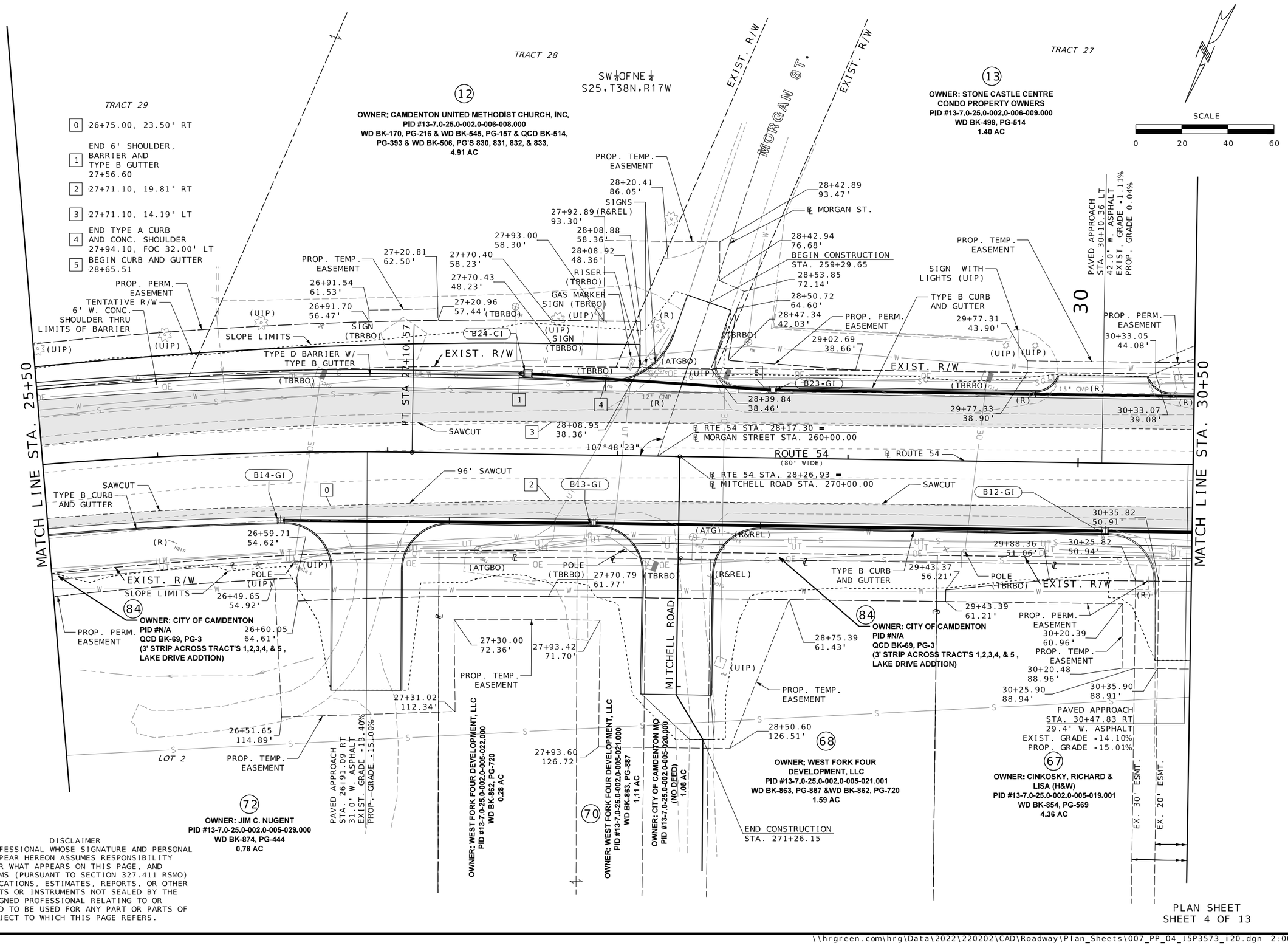

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PLAN SHEET
SHEET 4 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:18:39 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	7

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
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CORPORATE LICENSE #2002006608

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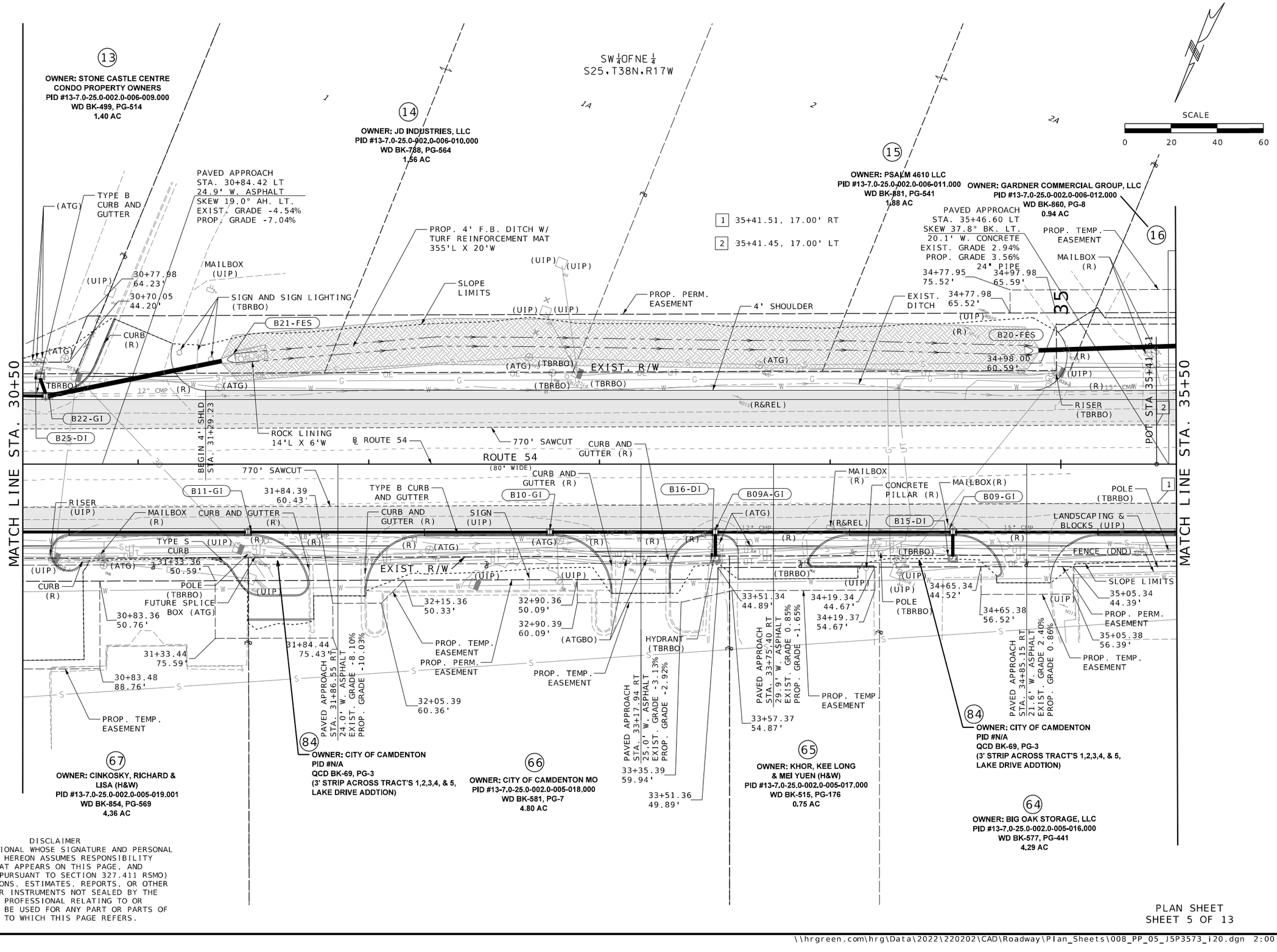

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PLAN SHEET
SHEET 5 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:19:44 PM
Emily S. Burkart - Civil
MO PE-2011015708

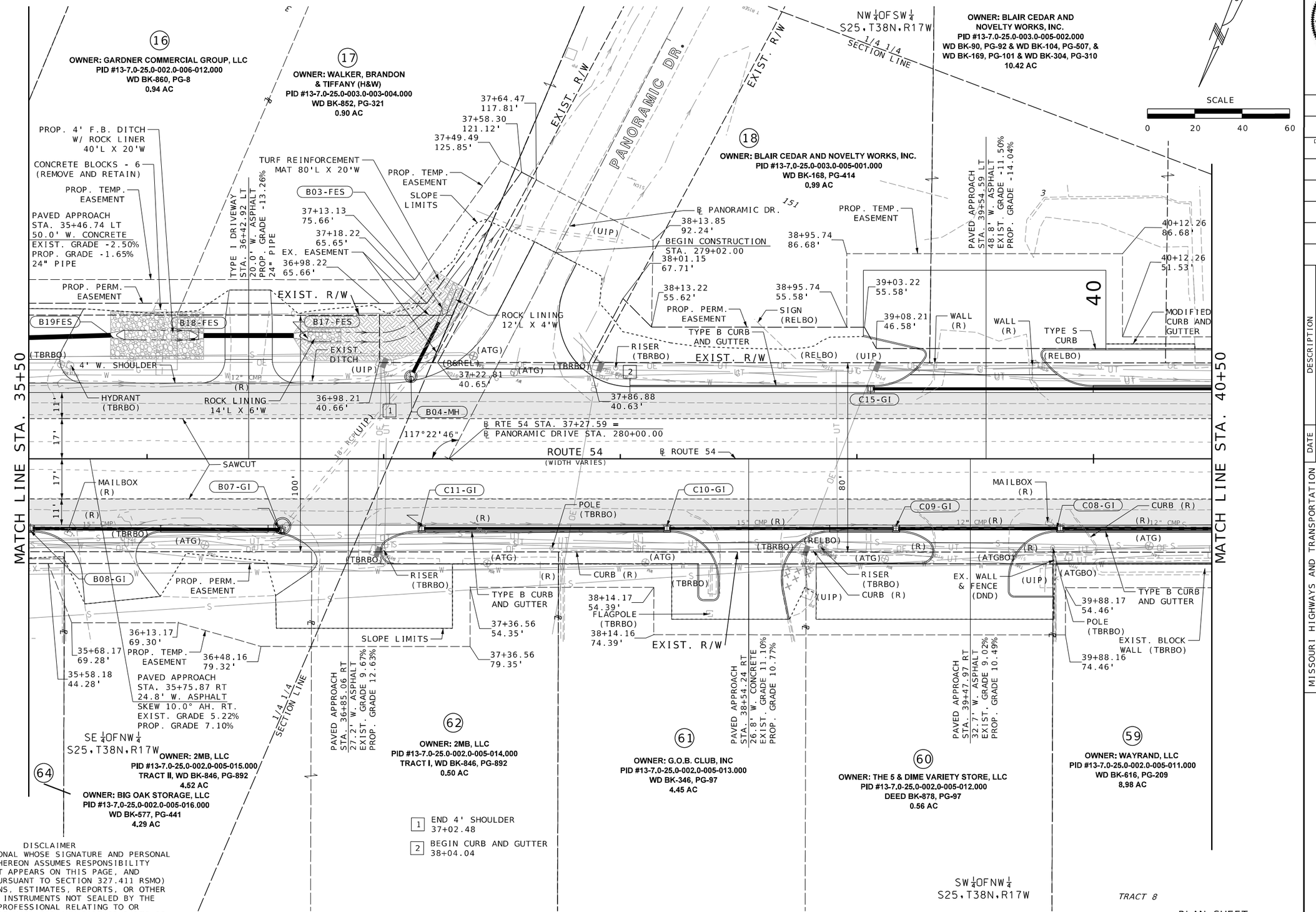
DATE PREPARED 4/17/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 8
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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PLAN SHEET
SHEET 6 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:21:32 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	9

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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JEFFERSON CITY, MO 65102
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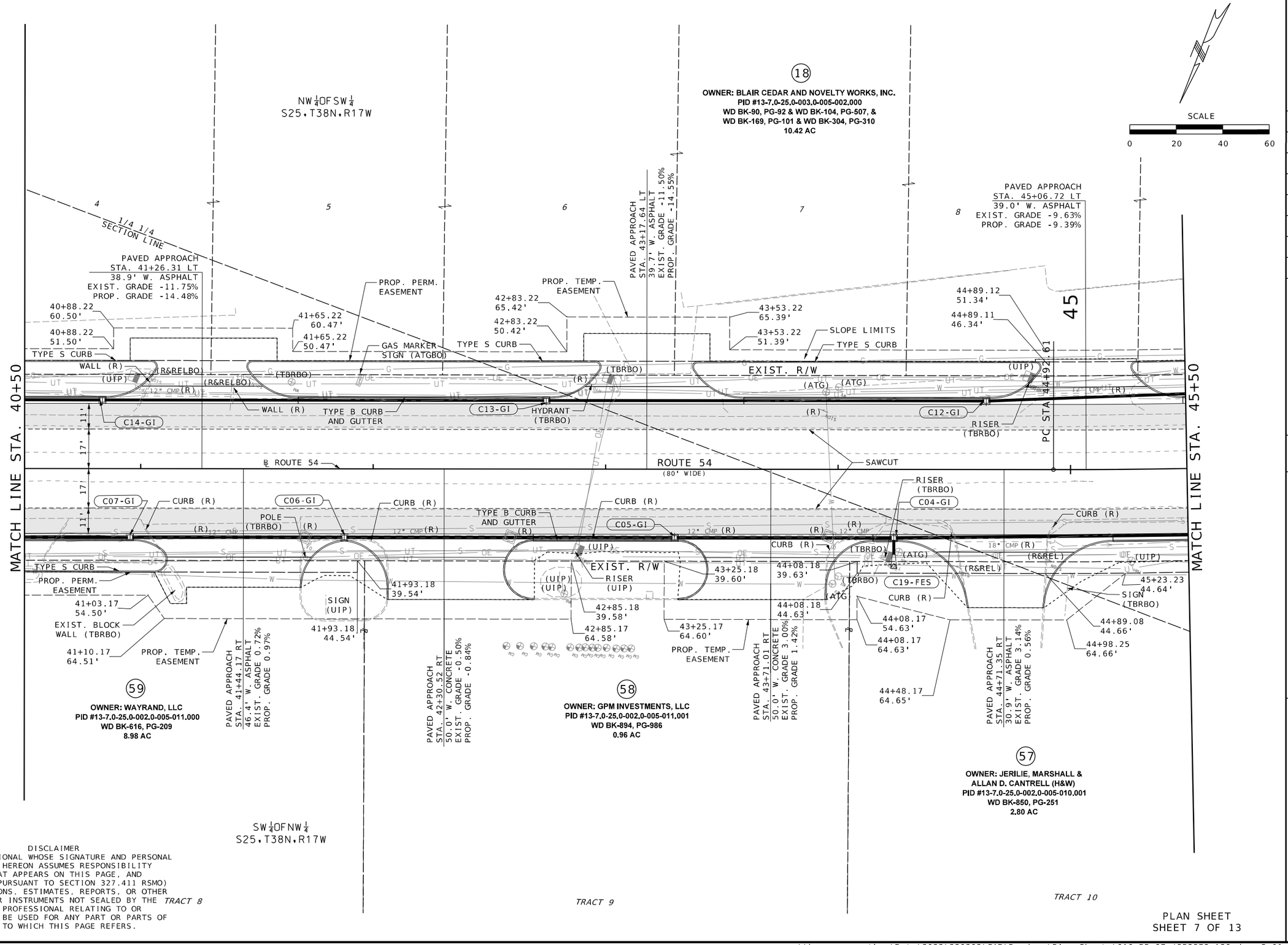

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PLAN SHEET
SHEET 7 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:22:17 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	10

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

NW¼OF SW¼
S25, T38N, R17W

SCALE
0 20 40 60

1 END CURB AND GUTTER
BEGIN SHOULDER
47+43.23

2 END 4' SHOULDER
49+40.12

3 BEGIN CURB AND GUTTER
50+08.16

18
OWNER: BLAIR CEDAR AND NOVELTY WORKS, INC.
PID #13-7.0-25.0-003.0-005-002.000
WD BK-90, PG-92 & WD BK-104, PG-507, &
WD BK-169, PG-101 & WD BK-304, PG-310
10.42 AC

20
OWNER: JOHN B. OWENS
PID #13-7.0-25.0-003.0-005-004.000
WD BK-625, PG-470
1.04 AC

57
OWNER: JERILIE, MARSHALL & ALLAN D. CANTRELL (H&W)
PID #13-7.0-25.0-002.0-005-010.001
WD BK-850, PG-251
2.80 AC

56
OWNER: HINRICHS, MARC & KELLY (H&W)
PID #13-7.0-25.0-003.0-004-001.000
WD BK-811, PG-79
0.69 AC

55
OWNER: CAMDENTON AREA CHAMBER OF COMMERCE, INC.
PID #13-7.0-25.0-003.0-004-002.000
WD BK-600, PG-918
0.39 AC

54
OWNER: DULLE, JIM & CHRISTY (H&W)
PID #13-7.0-25.0-003.0-004-003.000
WD BK-554, PG-222
0.60 AC

OWNER: DULLE, JIM & CHRISTY (H&W)
PID #13-7.0-26.0-004.0-001-001.000
WD BK-550, PG-758
2.10 AC

53
OWNER: CASEY'S MARKETING COMPANY
PID #13-7.0-26.0-004.0-001-001.001
WD BK-554, PG-223 & WD BK-411, PG-588
0.87 AC

MATCH LINE STA. 45+50

MATCH LINE STA. 50+50

ROUTE 54
(80' WIDE)

℄ RTE 54 STA. 48+15.85 =
℄ LAKE ROAD STA. 290+00.00

℄ ROUTE 54

80°00'00"

SAWCUT

EXIST. R/W

LAKE ROAD

EXIST. R/W

1/4 1/4 SECTION LINE

SW¼OF NW¼
S25, T38N, R17W

12-B

A RESUBDIVISION OF LOT 12
OF ARNOLD'S SUBD.
REC. IN PB-A, PG-120

PAVED APPROACH
STA. 46+10.74 LT
53.0' W. CONCRETE
EXIST. GRADE -6.30%
PROP. GRADE -9.22%

PAVED APPROACH
STA. 46+49.93 RT
43.1' W. ASPHALT
EXIST. GRADE -3.47%
PROP. GRADE -4.64%

PAVED APPROACH
STA. 49+31.35 RT
42.6' W. ASPHALT
EXIST. GRADE -9.20%
PROP. GRADE -12.00%

PAVED APPROACH
STA. 49+72.22 LT
27.3' W. ASPHALT
EXIST. GRADE -13.60%
PROP. GRADE -12.82%

ROCK LINING
16'L X 7'W

ROCK LINING
29 SY

47+30.61
136.89'

47+60.02
129.45'

47+20.80
100.48'

47+51.89
100,48'

47+20.97
70.48'

47+51.72
70.48'

47+51.64
55.53'

47+51.61
50.53'

47+21.07
51.51'

47+21.05
55.51'

47+21.13
40.51'

47+51.56
40.53'

47+72.70
44.45'

47+87.58
44.44'

47+58.89
54.46'

47+63.30
89.46'

47+79.34
100.18'

47+86.54
99.29'

47+93.74
98.42'

48+03.31
104.34'

48+14.34
106.33'

48+33.29
59.41'

48+85.30
59.38'

48+85.31
79.38'

49+86.94
120.68'

49+44.45
55.66'

49+68.31
44.33'

50+10.32
49.30'

50+24.32
44.29'

50+16.07
79.30'

50+18.34
91.30'

50+32.34
88.29'

50+35.33
59.29'

46+05.24
44.58'

46+05.25
54.58'

45+78.16
60.40'

45+78.17
51.40'

46+29.17
60.44'

46+30.17
52.94'

46+43.18
52.95'

46+43.18
46.45'

PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
EX. EASEMENT
GAS MARKER SIGN (ATG)
SLOPE LIMITS
4' W. SHOULDER
TYPE B CURB AND GUTTER
TYPE S CURB
CURB (R)
CURB (UIP)
TYPE A GUTTER
RISER (TBRBO)
POLE (TBRBO)
METER (ATG)
HYDRANT (TBRBO)
MAILBOX (R)
EXTEND CURB AND GUTTER
END CONSTRUCTION STA. 291+00.00
EXIST. R/W (TBRBO)
C00-FES
C01-GI
C02-GI
C02A-GI
C03-GI
C16-DI
C17-FES
C18-FES
E01A-GI

DISCLAIMER
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PLAN SHEET
SHEET 8 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:23:20 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	11

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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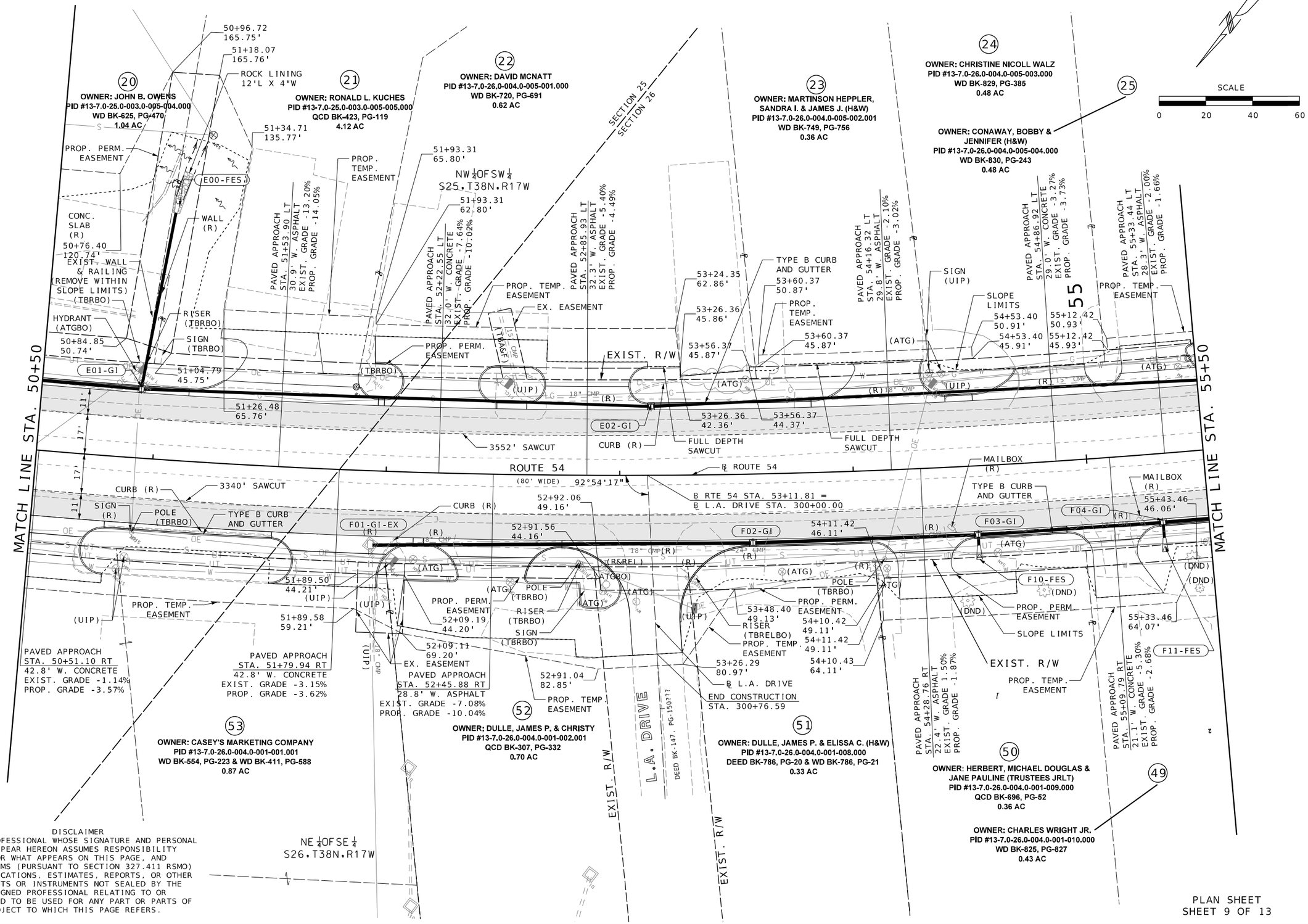

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PLAN SHEET
SHEET 9 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:24:52 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	12

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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SCALE
0 20 40 60

(25)
OWNER: CONAWAY, BOBBY & JENNIFER (H&W)
PID #13-7.0-26.0-004.0-005-004.000
WD BK-830, PG-243
0.48 AC

(26)
OWNER: ZAF GROUP MO, L.L.C.
PID #13-7.0-26.0-004.0-005-005.000
WD BK-865, PG-205 & WD BK-868, PG-377
0.48 AC

OWNER: ZAF GROUP MO LLC
PID #13-7.0-26.0-004.0-005-006.000
WD BK-868, PG-377
0.48 AC

(28)
OWNER: SHARON A. HALTERMAN
PID #13-7.0-26.0-004.0-005-007.000
QCD BK-453, PG-437
0.58 AC

(29)
OWNER: TWENTER PROPERTIES, LLC
PID #13-7.0-26.0-004.0-005-008.000
WD BK-682, PG-57
9.80 AC

PAVED APPROACH
STA. 57+10.48 LT
14.1' W. ASPHALT
SKEW 3.3° BK. LT.
EXIST. GRADE -5.23%
PROP. GRADE -5.18%

PAVED APPROACH
STA. 58+36.75 LT
38.3' W. ASPHALT
EXIST. GRADE -7.84%
PROP. GRADE -7.26%

PAVED APPROACH
STA. 59+13.70 LT
37.5' W. ASPHALT
EXIST. GRADE -13.37%
PROP. GRADE -15.00%

58+17.06
106.00'
58+16.68
96.35'
58+09.39
96.00'
59+30.06
106.03'
59+30.06
96.03'
59+35.93
96.03'
59+49.39
61.00'
59+29.39
51.03'
59+29.39
46.03'
55+87.17
50.95'
55+87.17
45.95'
56+89.39
75.97'
57+19.39
75.98'
57+29.39
50.98'
57+99.39
51.00'
56+74.39
45.97'
56+09.39
45.96'
55+87.41
55+87.20
46.05'
55+78.47
46.05'
56+30.09
46.04'
56+30.09
64.04'
57+09.39
64.02'
57+19.39
74.02'
57+49.39
69.01'
57+44.39
74.01'
58+89.39
68.98'
59+04.39
78.98'
59+39.39
78.97'
59+59.39
63.97'
59+69.39
58.97'
60+44.39
58.95'
60+44.39
68.95'

PROP. TEMP. EASEMENT
RISER (UIP)
PROP. PERM. EASEMENT
EXIST. R/W
SLOPE LIMITS
PROP. TEMP. EASEMENT
TYPE S CURB (DND)
ROCK LINING 12'L X 4'W
TYPE A GUTTER
TURF REINFORCEMENT MAT
TYPE B CURB AND GUTTER
SAWCUT
ROUTE 54 (80' WIDE)
℄ RTE 54 STA. 56+19.70 = ℄ BLAIR AVENUE STA. 310+00.00
℄ ROUTE 54
℄ BLAIR AVE.
PROP. 4' F.B. DITCH W/ TURF REINFORCEMENT MAT 65'L X 16'W
4' W. SHOULDER
POLE (TBRBO)
RISER (TBRBO)
F04A-MH
F05-DI
F06-FES
F07-FES
F08-FES
F09-FES
END CONSTRUCTION STA. 310+59.18
PROP. TEMP. EASEMENT (TREE REMOVAL)
PROP. 4' GRASS F.B. DITCH
TYPE I DRIVEWAY
STA. 57+32.11 RT
13.4' W. ASPHALT
EXIST. GRADE 7.50%
PROP. GRADE 8.91%
18" PIPE
TYPE I DRIVEWAY
STA. 59+22.00 RT
20.0' W. CONCRETE
EXIST. GRADE 7.53%
PROP. GRADE 9.10%
18" PIPE
PROP. 4' F.B. DITCH W/ TURF REINFORCEMENT MAT 157'L X 16'W
PT STA 55+87.41
MATCH LINE STA. 55+50
MATCH LINE STA. 60+50
BLAIR AVE.
EXIST. R/W
88°42'21"
17'
11'

(49)
OWNER: CHARLES WRIGHT JR.
PID #13-7.0-26.0-004.0-001-010.000
WD BK-825, PG-827
0.43 AC

(48)
OWNER: FORESIGHT MANAGEMENT, L.L.C.
PID #13-7.0-26.0-004.0-002-006.000
WD BK-766, PG-109
0.50 AC

(47)
OWNER: KREHBIEL, DAVID G. & DANA K. (TRUSTEE'S)
PID #13-7.0-26.0-004.0-002-005.000
WD BK-764, PG-69
0.53 AC

(46)
OWNER: FORESIGHT MANAGEMENT, L.L.C.
PID #13-7.0-26.0-004.0-002-007.000
WD BK-536, PG-357
3.88 AC

(45)
OWNER: MATTERHORN CAPITAL LLC
PID #13-7.0-26.0-004.0-002-008.000
WD BK-847, PG-329
2.34 AC

NE ¼ OF SE ¼
S26, T38N, R17W

1 END CURB AND GUTTER 55+77.30
2 BEGIN 4' SHOULDER 56+58.85
3 55+56.46 46.06'
4 55+72.47 46.05'
5 55+72.47 64.05'
6 55+56.47 64.06'

TRACT 17

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PLAN SHEET
SHEET 10 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:25:49 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	13

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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NE ¼ OF SE ¼
S26, T38N, R17W

SE ¼ OF SE ¼
S26, T38N, R17W

(VACATED BY ORDINANCE 1895-02 AS REC. IN BOOK 537, PAGE 724)

21

22

1

SCALE
0 20 40 60

TOWER ST.

HOPKINS AVE.

1/4 1/4 SECTION LINE

EXIST. R/W

EXIST. R/W

WHISPERING PINES DRIVE

MATCH LINE STA. 60+50

MATCH LINE STA. 65+50

29
OWNER: TWENTER PROPERTIES, LLC
PID #13-7,0-26,0-004.0-005-008.000
WD BK-682, PG-57
9.80 AC

30
OWNER: MUDITA, LLC
PID #13-7.0-26.0-004.0-005-009.005
WD BK-763, PG-852
0.29 AC

OWNER: DENSIL DENNY, SR.
PID #13-7.0-26.0-004.0-005-009.000
WD BK-XXX, PG-XXX

31
OWNER: LAURIE AMOCO INC.
PID #13-7.0-26.0-004.0-005-013.000
WD BK-527, PG-456
0.81 AC

℄ WHISPERING PINES DRIVE

60+87.06
101.06'

61+27.06
101.07'

(DND)

BEGIN CONSTRUCTION
STA. 319+07.47

PROP. TEMP. EASEMENT

60+73.45
61.06'

61+39.39
61.07'

PROP. PERM. EASEMENT

SLOPE LIMITS

61+74.39
46.08'

62+42.39
46.09'

TYPE B CURB AND GUTTER

RISER (UIP)

(UIP)

(TBRBO)

62+42.39
56.09'

PAVED APPROACH
STA. 62+72.60 LT
42.0' W. ASPHALT
EXIST. GRADE 3.33%
PROP. GRADE 1.24%

63+39.39
66.11'

PROP. TEMP. EASEMENT

63+29.39
56.11'

℄ HOPKINS AVE.

BEGIN CONSTRUCTION
STA. 339+39.86

GRINDER PUMP
(R)

64+19.77
66.13'

64+19.78
46.13'

64+49.39
46.14'

64+69.39
66.14'

PROP. TEMP. EASEMENT

PAVED APPROACH
STA. 65+19.21 LT
54.0' W. ASPHALT
EXIST. GRADE 1.93%
PROP. GRADE 3.78%

PROP. PERM. EASEMENT

(UIP)

(TBRBO)

PULLBOX (ATGBO)

(ATG)

12" CMP (R)

(R&REL)

TYPE B CURB AND GUTTER

MAILBOX (R)

CURB (R)

CURB (R)

℄ RTE 54 STA. 62+72.68 =
℄ LAKEVIEW DRIVE STA. 333+00.00

ROUTE 54
(80' WIDE)

96°28'44"

℄ ROUTE 54

SAWCUT

℄ RTE 54 STA. 61+10.14 =
℄ WHSIPERING PINES DR STA. 320+00.00

62+37.22
44.91'

℄ RTE 54 STA. 63+65.20 =
℄ HOPKINS AVENUE STA. 340+00.00

4' SHOULDER

1

TYPE B CURB AND GUTTER

PULLBOX (ATGBO)

RISER (UIP)

(TBRBO)

GAS MARKER SIGN (TBRBO)

POLE (TBRBO)

POLE (UIP)

61+02.09
53.94'

EXIST. R/W

PROP. 4' GRASS F.B. DITCH

61+32.09
53.93'

SLOPE LIMITS

61+02.10
58.94'

61+32.10
58.93'

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

61+32.10
68.93'

62+37.22
58.91'

℄ LAKEVIEW DR.

63+04.36
48.89'

63+04.36
58.89'

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

END CONSTRUCTION
STA. 333+45.95

64+07.09
48.87'

PROP. TEMP. EASEMENT

64+07.10
78.87'

HYDRANT (UIP)

VALVES (ATG)

64+42.10
78.86'

64+52.10
88.86'

65+27.10
58.85'

65+27.10
88.85'

STA. 65+50
BEGIN 50:1 TAPER

PAVED APPROACH
STA. 64+65.16 RT
32.6' W. ASPHALT
EXIST. GRADE -10.70%
PROP. GRADE -13.29%

45
OWNER: MATTERHORN CAPITAL LLC
PID #13-7.0-26.0-004,0-002-008.000
WD BK-847, PG-329
2.34 AC

44
OWNER: STONEBROWN, LLC
PID #13-7.0-26.0-004.0-004-001.000
WD BK-847, PG-917
0.78 AC

OWNER: THE CITY OF CAMDENTON, MO
PID #13-7.0-26.0-004,0-004-008,001
WD BK-340, PG-857
0.72 AC

42
OWNER: DEN HARTOG PROPERTIES, LLC
PID #13-7,0-26,0-004,0-004-041.000
WD BK-767, PG-26
1.34 AC

1 END 4' SHOULDER
62+28.80

EXIST. R/W

LAKEVIEW DR.

EXIST. R/W

TRACT 18

LOT 1

LOT 1

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PLAN SHEET
SHEET 11 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:26:31 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	14

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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(VACATED BY ORDINANCE 1895-02 AS REC. IN BOOK 537, PAGE 724)

SE ¼ OF SE ¼
S26, T38N, R17W

TOWER ST.

EXIST. R/W

HOPKINS AVE

(31)
OWNER: LAURIE AMOCO INC.
PID #13-7.0-26.0-004.0-005-013.000
WD BK-527, PG-456
0.81 AC

(32)
OWNER: FERRELL GAS, L.P.
PID #13-7.0-26.0-004.0-005-009.008
WD BK-775, PG-21
0.12 AC

(33)
OWNER: TONKA TOWERS ESTATES LLC
PID #13-7.0-26.0-004.0-005-009.000
DEED BK-885, PG-265
21.60 AC

(34)
OWNER: BIG OAK STORAGE, LLC
PID #13-7.0-26.0-004.0-005-014.000
WD BK-877, PG-291
1.15 AC

SCALE
0 20 40 60

66+53.77
97.90'
BEGIN CONSTRUCTION
STA. 340+02.92

67+01.78
94.47'

67+01.86
46.19'
EXIST. R/W

℄ HOPKINS AVE.
SLOPE LIMITS
PROP. TEMP. EASEMENT
65+69.39
66.16'
66+53.84
57.13'
65+84.39
46.17'
66+34.39
46.18'

69+19.39
67.00'
68+94.39
46.23'
PROP. PERM. EASEMENT
TYPE B CURB AND GUTTER

PAVED APPROACH
STA. 69+45.77 LT
34.7' W. ASPHALT
EXIST. GRADE 4.45%
PROP. GRADE 5.05%

PAVED APPROACH
STA. 69+87.62 LT
19.1' W. ASPHALT
SKEW 40.0° AH. LT.
EXIST. GRADE 2.95%
PROP. GRADE 1.12%

70+49.39
51.27'
70+49.39
46.27'
PROP. TEMP. EASEMENT
69+59.39
61.00'
70+29.39
70.00'
69+84.39
46.25'

G14-DI
G15-DI
G06-GI
G05-GI
G04-GI
G03-GI
G12-FES
G02-GI
G07-GI
G09-GI
G08-GI
G10-GI
G01-MH
G00-HW-EX

(UIP) (TBRBO) (RCREL) (R) 12" CMP (ATG) (R) 18" RCP (UIP)

TYPE B CURB AND GUTTER
SAWCUT
CURB (R)
POLE (TBRBO)
MAILBOX (R)
CURB (R)
CURB (R)

℄ RTE 54 STA. 66+73.51 =
℄ HOPKINS AVENUE STA. 341+00.00
92°32'00"
℄ ROUTE 54
ROUTE 54
(80' WIDE)
17'
11'

MATCH LINE STA. 65+50
MATCH LINE STA. 70+50

50:1 TAPER
EXIST. R/W

65+67.10
58.84'
65+67.10
73.84'
PROP. PERM. EASEMENT
PROP. TEMP. EASEMENT
67+47.09
44.80'
67+47.10
73.80'
TYPE B CURB AND GUTTER
SLOPE LIMITS
68+67.39
44.77'
68+67.39
48.77'
POLE (UIP)
69+02.39
44.76'
69+02.39
48.76'
PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
69+99.39
38.74'
69+99.39
44.74'
POLE (UIP)
RISER (UIP)
EX. EASEMENT

114' SAWCUT
BEGIN 4' SHOULDER
STA. 69+88.44 RT
112' SAWCUT

PAVED APPROACH
STA. 66+16.50 RT
23.9' W. ASPHALT
EXIST. GRADE -11.00%
PROP. GRADE -11.99%

PAVED APPROACH
STA. 66+79.81 RT
36.8' W. ASPHALT
SKEW 5.9° AH. RT.
EXIST. GRADE -13.00%
PROP. GRADE -10.93%

PAVED APPROACH
STA. 68+86.63 RT
20.0' W. ASPHALT
SKEW 5.0° BK. RT.
EXIST. GRADE -17.35%
PROP. GRADE -12.87%

1 68+74.96, 17.00' RT

2 69+88.00, 14.50' RT

(41)
OWNER; LAKE AREA TRADING, LLC
PID #13-7.0-26.0-004.0-004-039.000
WD BK-880, PG-770
1.97 AC

(38)
OWNER: DAVID LUKOSIUS
PID #13-7.0-26.0-004.0-004-039.001
WD BK-581, PG-54
5.22 AC

OWNER: DAVID LUKOSIUS
PID #13-7.0-26.0-004.0-004-038.000
DEED BK-588, PG-856
4.96 AC

1/4 1/4 SECTION LINE

TRACT 21

SW ¼ OF SE ¼
S26, T38N, R17W

TRACT 22

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PLAN SHEET
SHEET 12 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:27:26 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	15

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

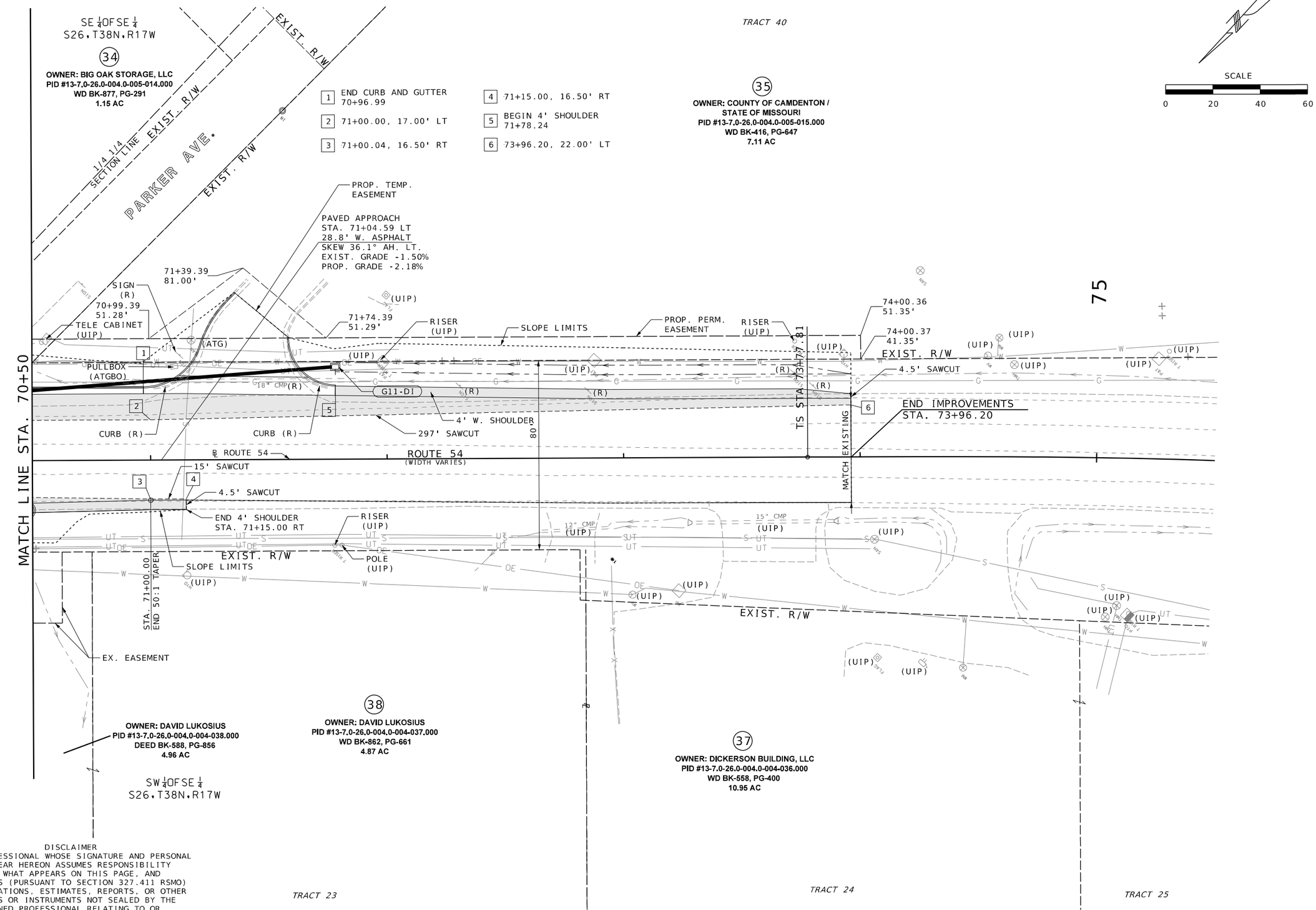
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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PLAN SHEET
SHEET 13 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:28:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	16

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

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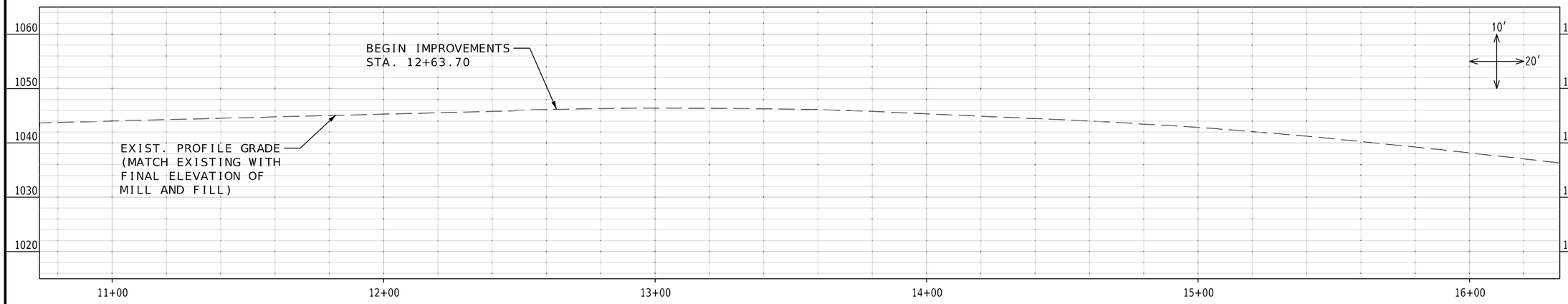
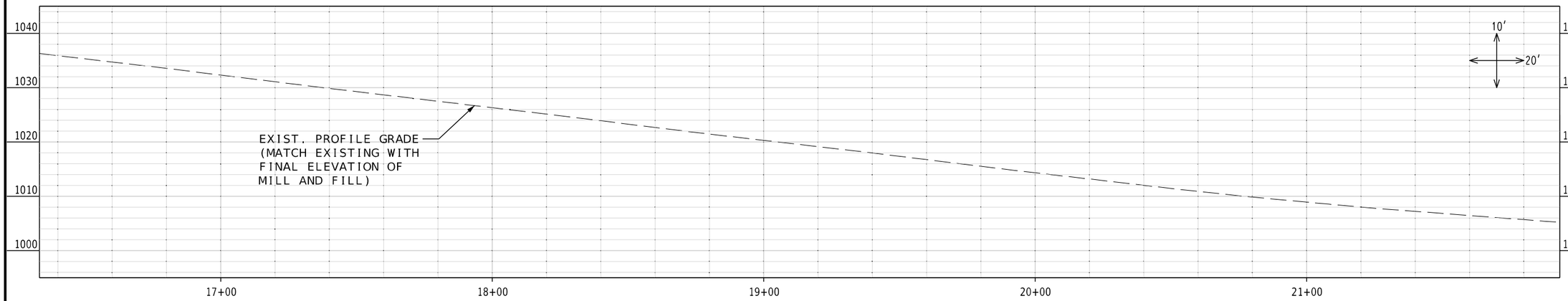
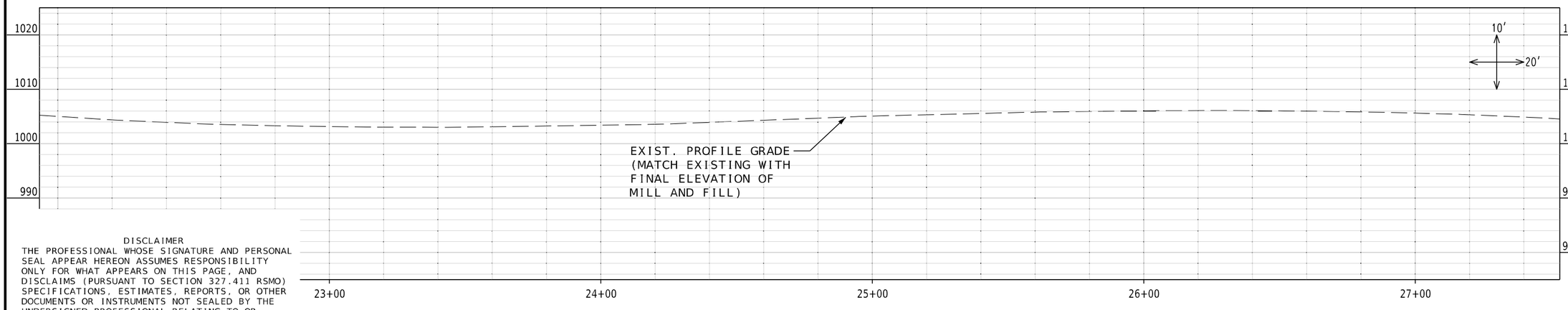
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\016_PP_13_J5P3573_i20.dgn 2:01:23 PM 4/17/2025







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MAINLINE PROFILE
SHEET 1 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:34 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	17

COUNTY
CAMDEN

JOB NO.
J5P3573

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SUITE 100
ST. LOUIS, MISSOURI 63141
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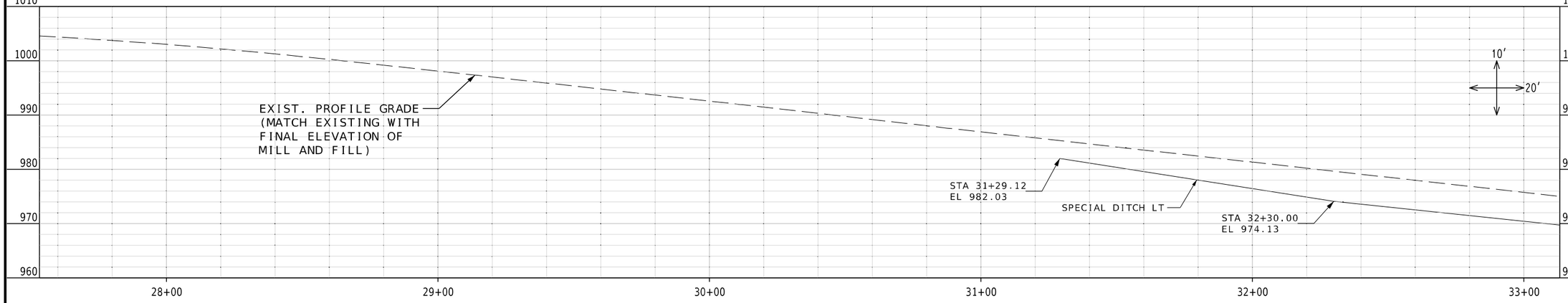

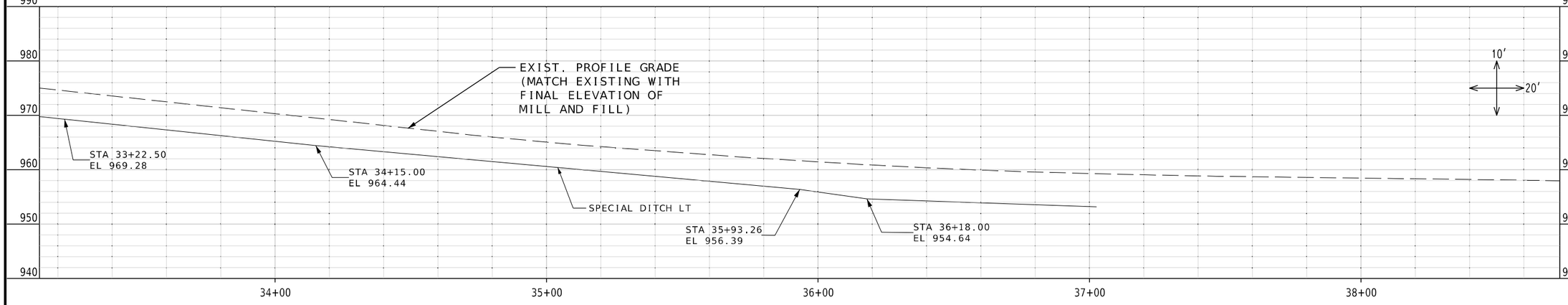

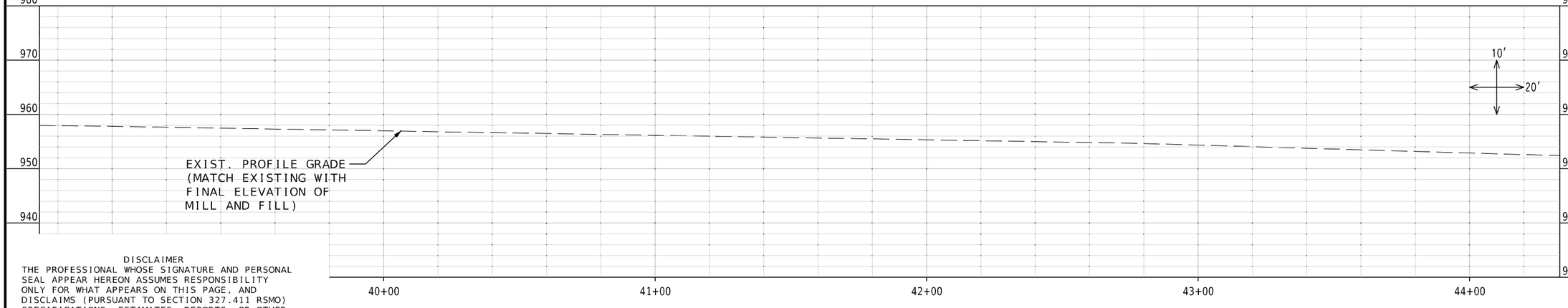

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MAINLINE PROFILE
SHEET 2 OF 5

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PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	18

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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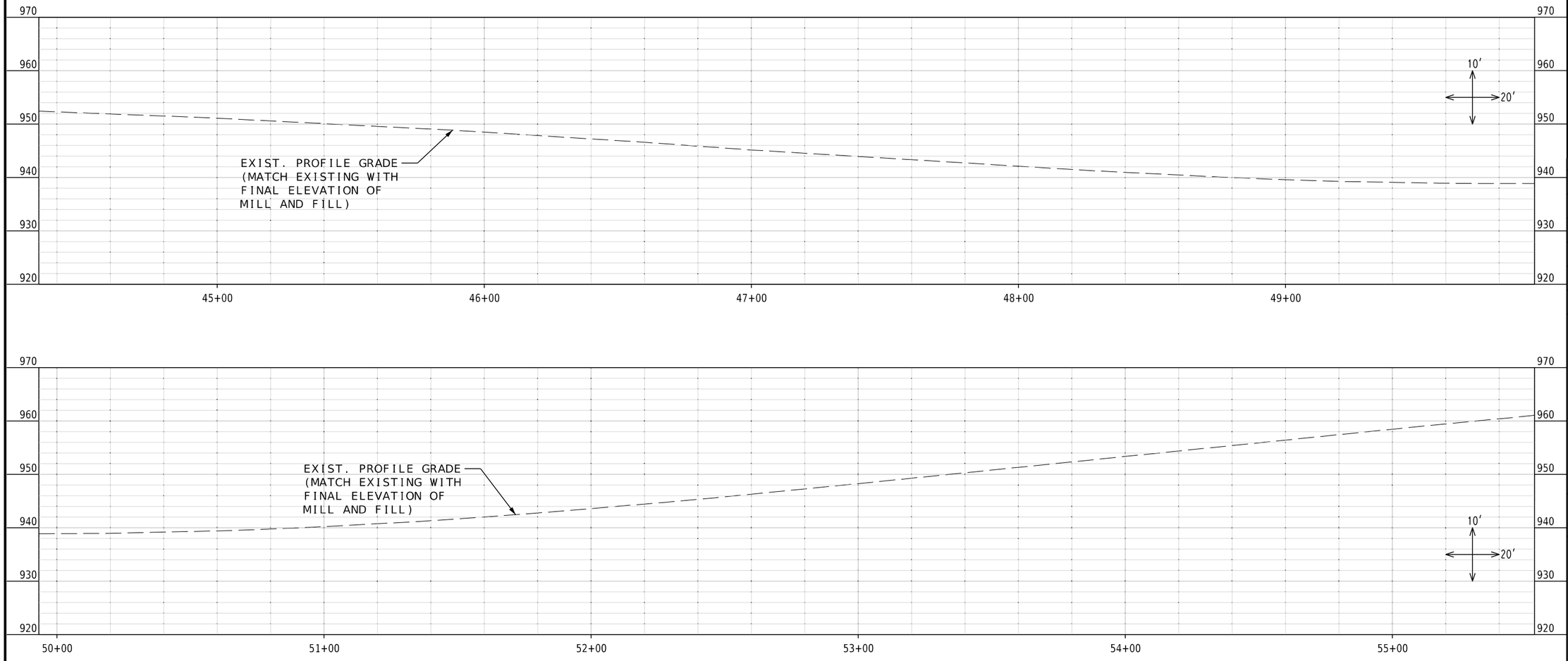

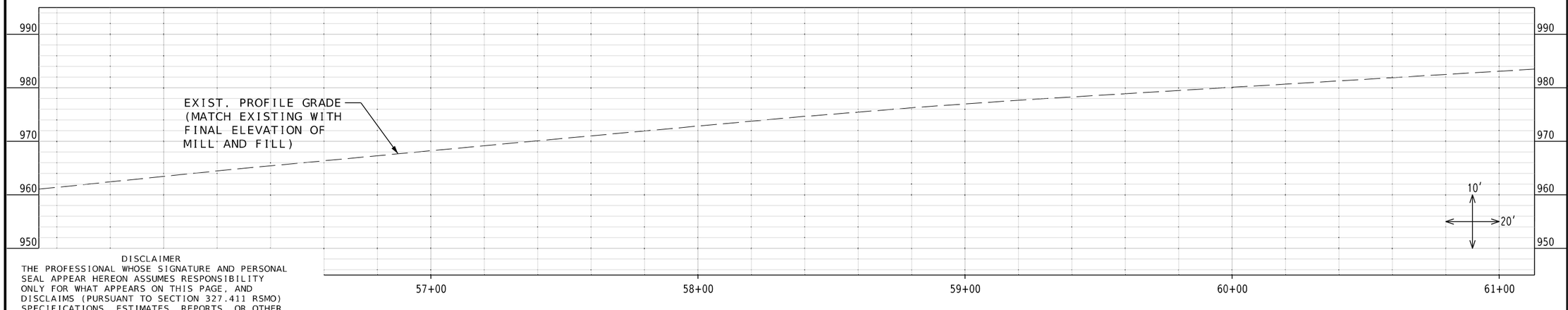

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MAINLINE PROFILE
SHEET 3 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:34 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	19

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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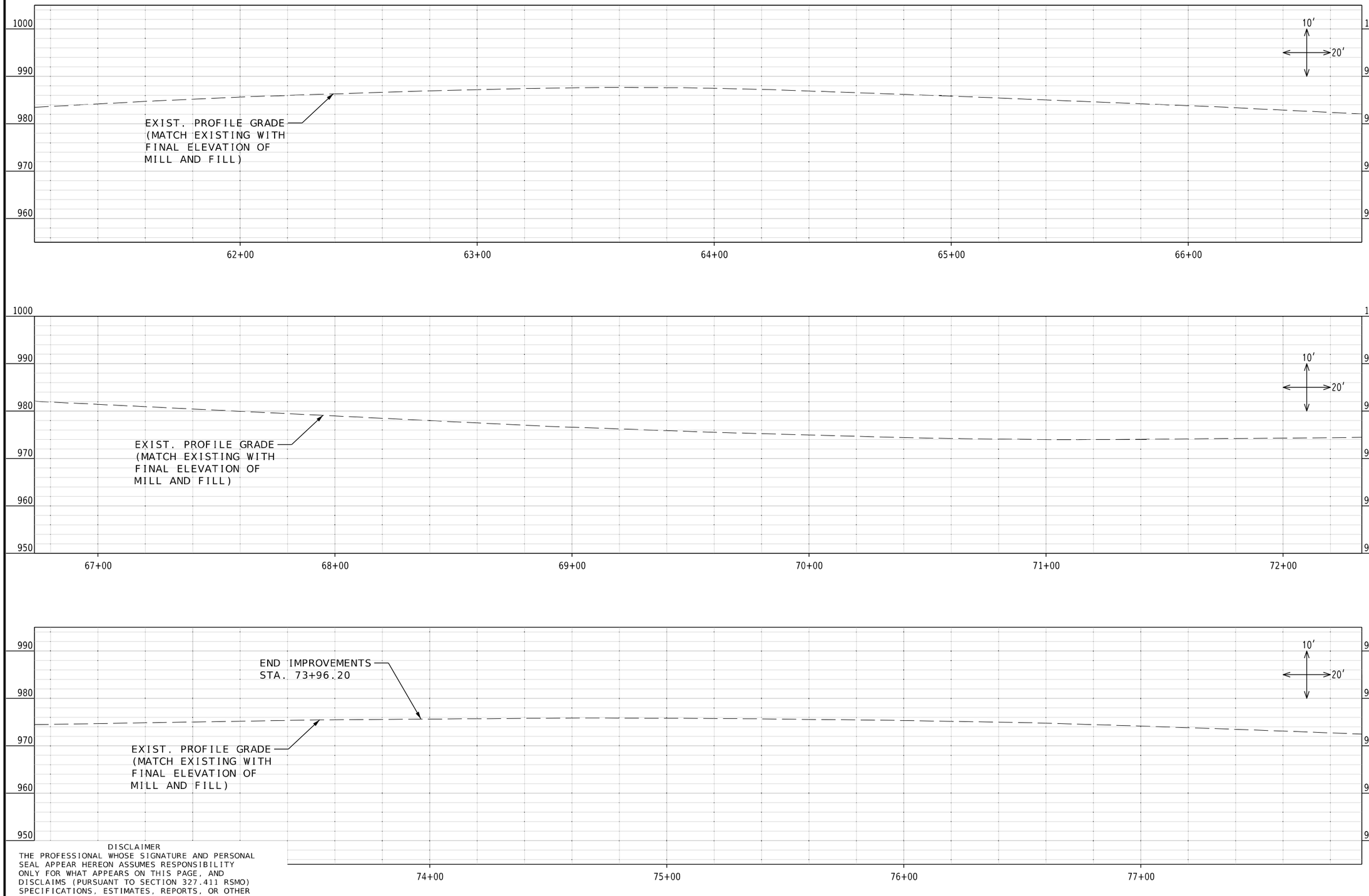

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MAINLINE PROFILE
SHEET 4 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:34 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	20

COUNTY
CAMDEN

JOB NO.
J5P3573

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PROJECT NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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SUITE 100
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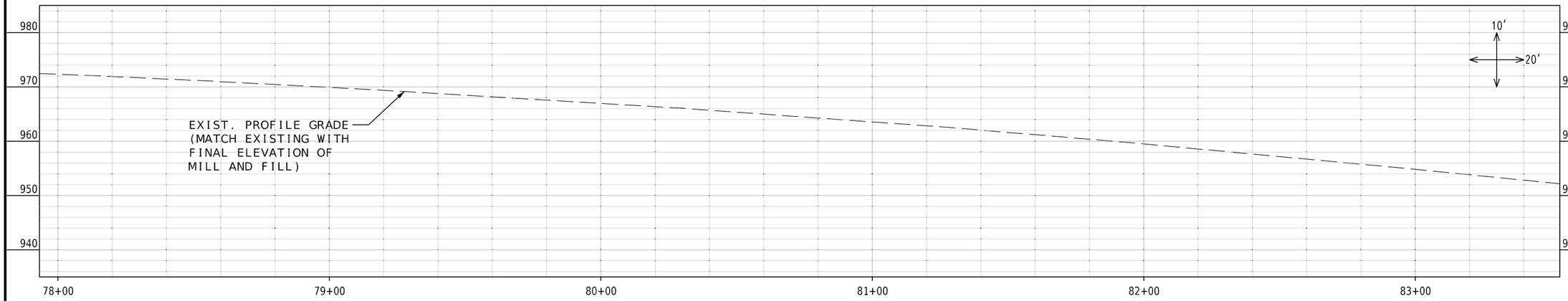
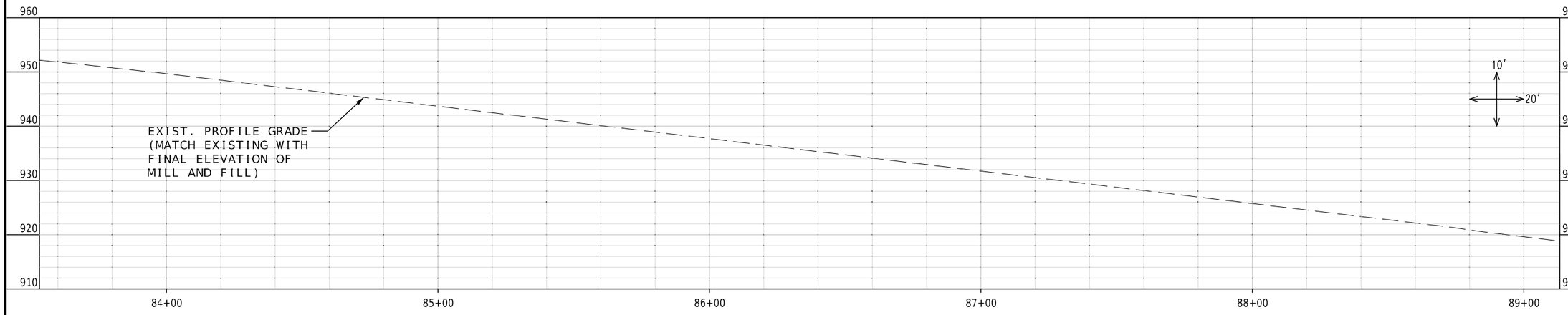
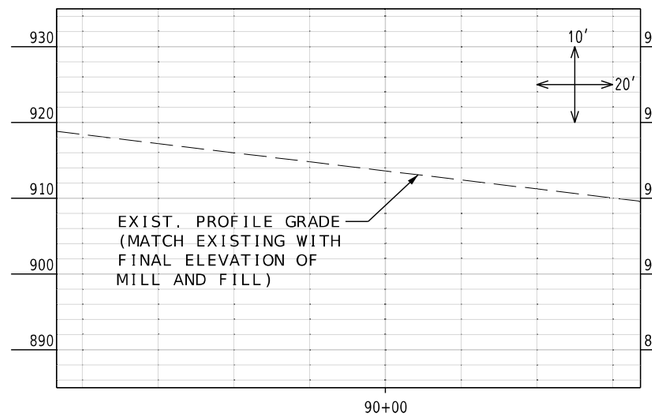
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen







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MAINLINE PROFILE
SHEET 5 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:34 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	21

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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HR GREEN, INC.
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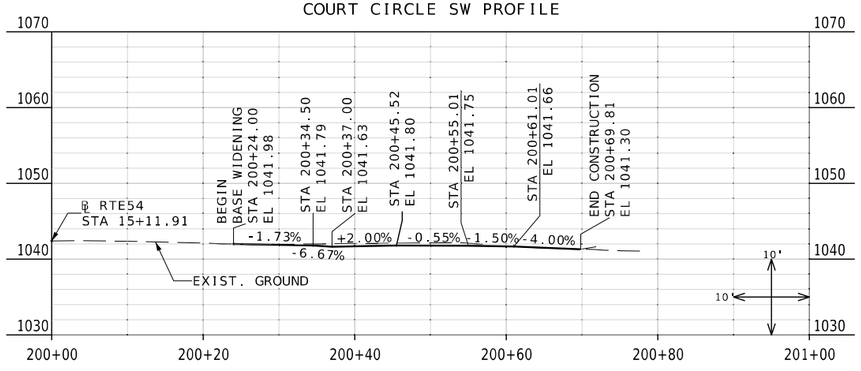
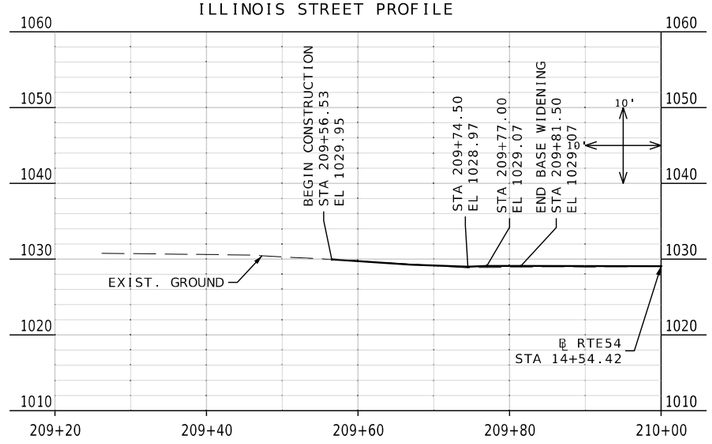
COURT CIRCLE SW PROFILE



ILLINOIS STREET PROFILE



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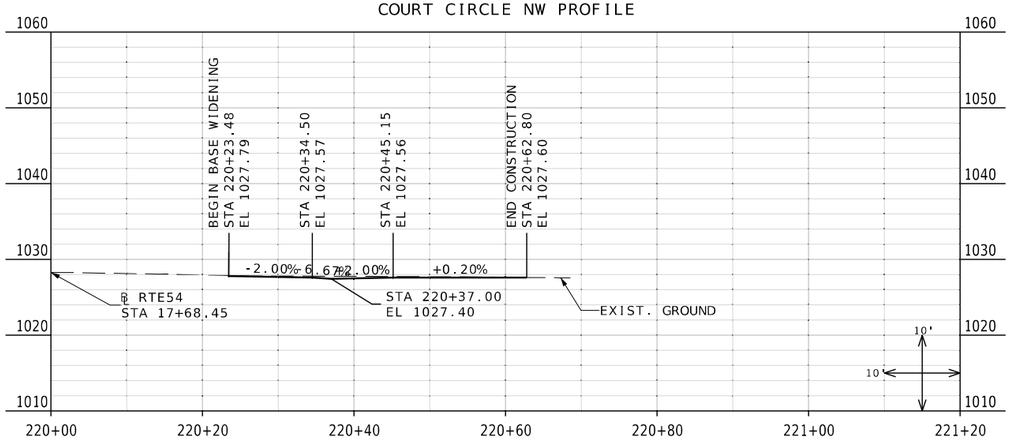

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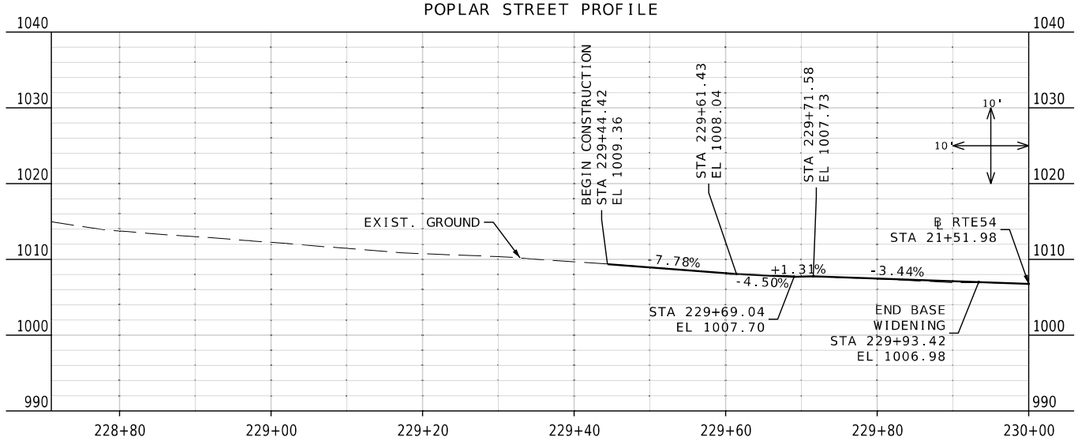

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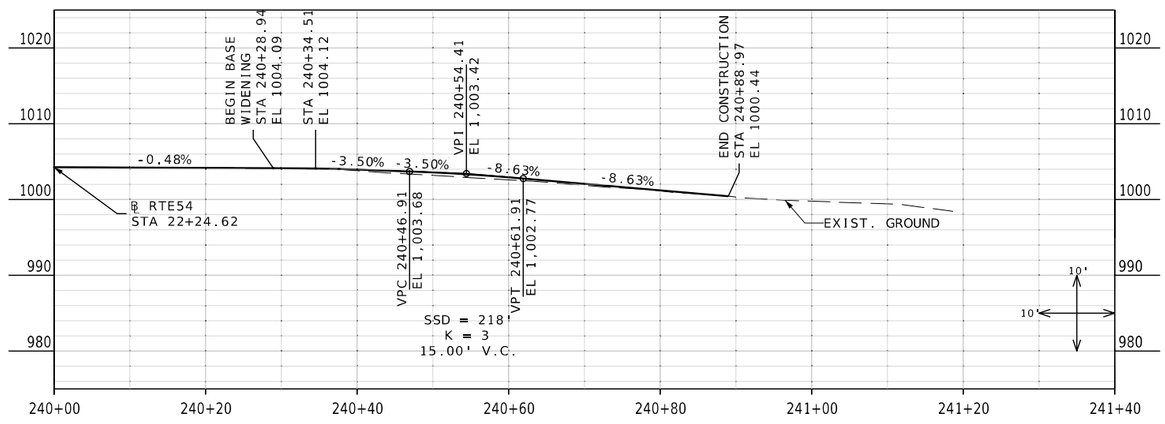

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SIDEROAD PROFILE
SHEET 1 OF 4

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:35 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	22

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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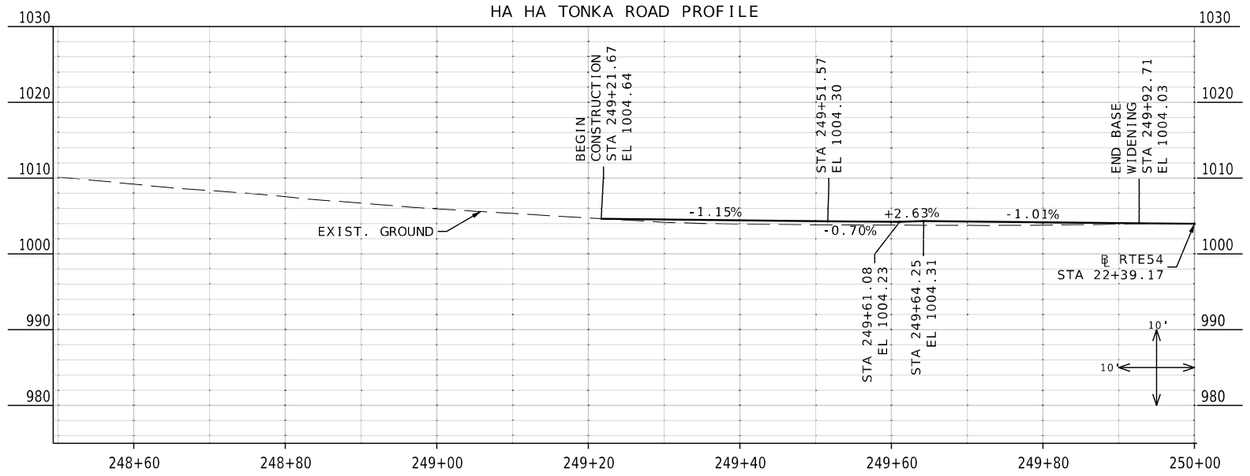

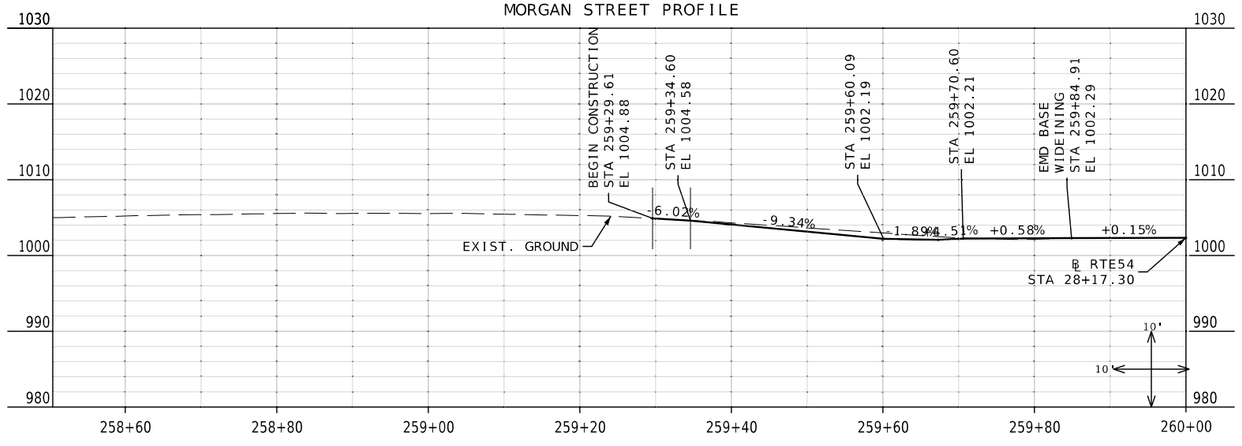

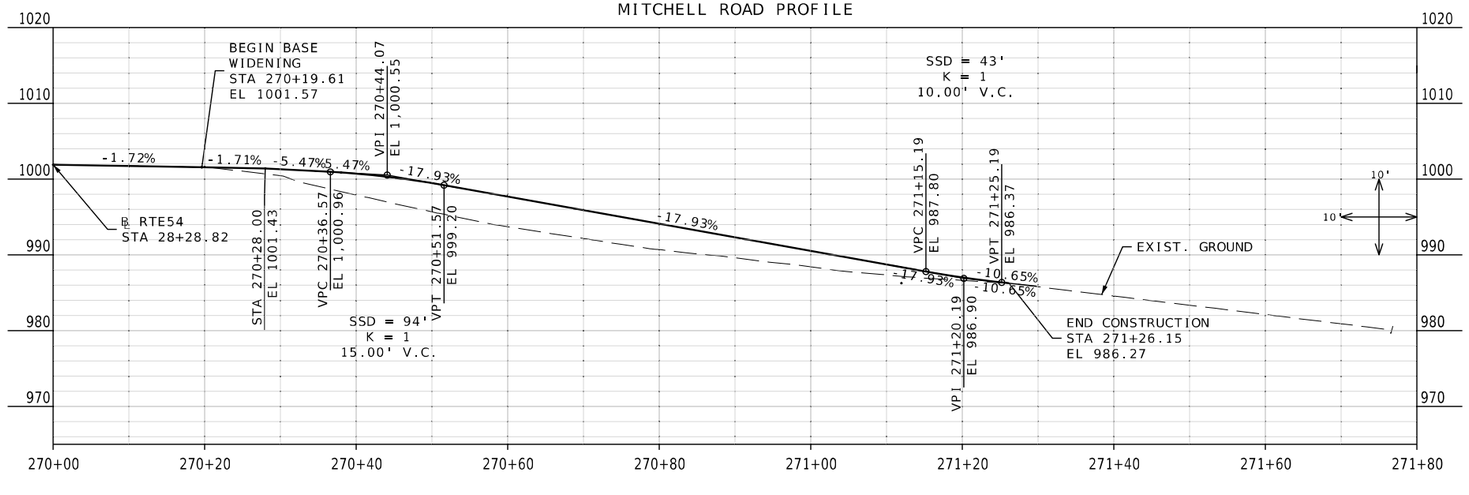

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SIDEROAD PROFILE
SHEET 2 OF 4

STATE OF MISSOURI
EMILY S. BURKART
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Emily S. Burkart
04/14/2025 7:19:35 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
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54	MO
DISTRICT	SHEET NO.
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CAMDEN

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PHONE: (636) 519.0990
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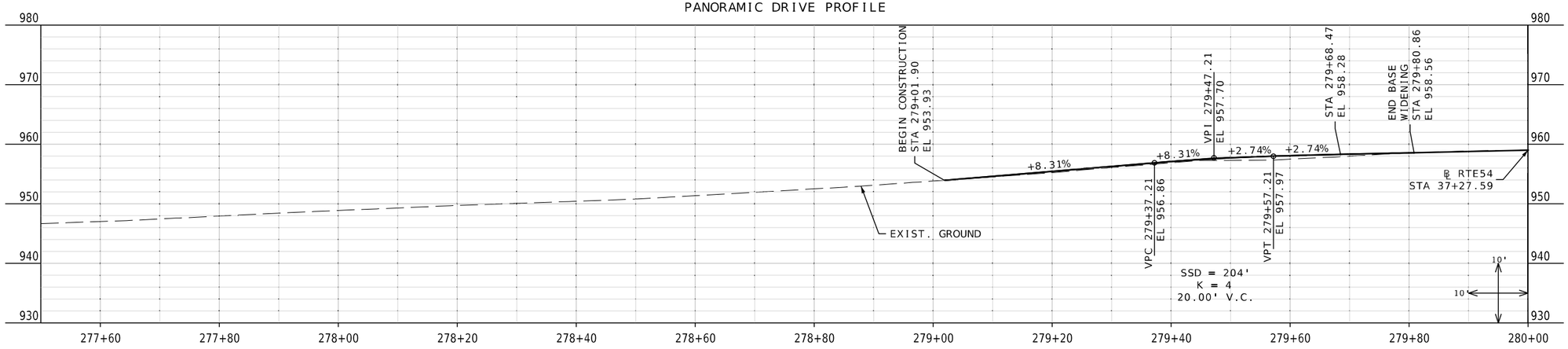
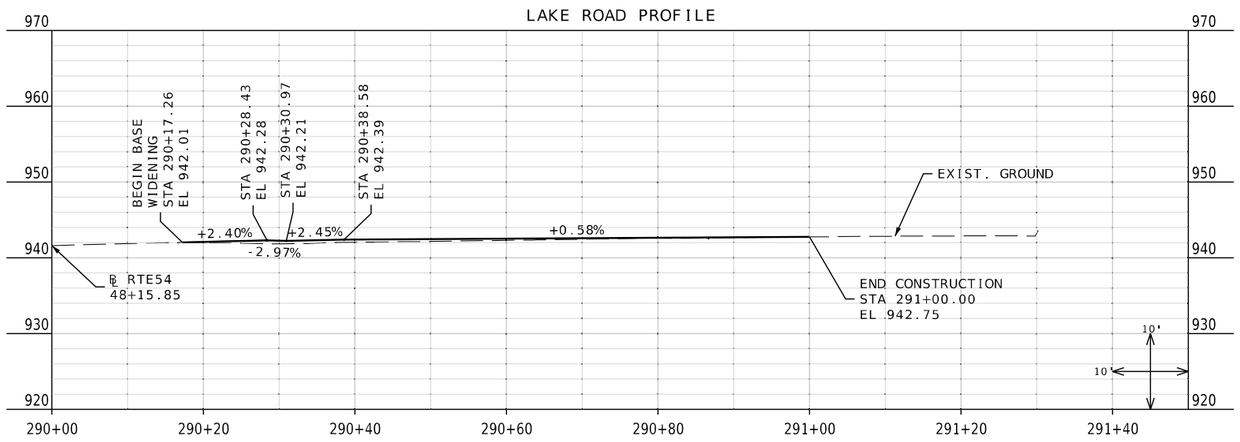
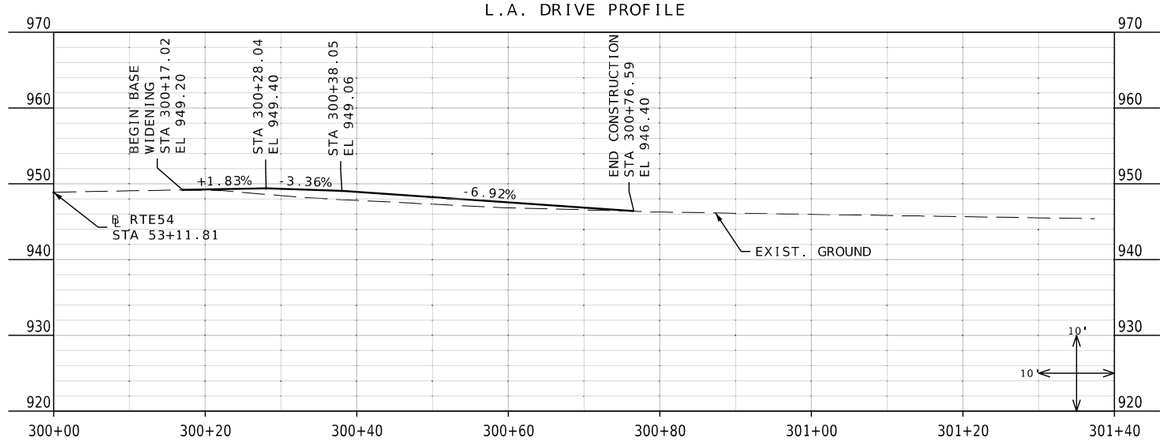
PANORAMIC DRIVE PROFILE



LAKE ROAD PROFILE



L.A. DRIVE PROFILE



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SIDEROAD PROFILE
SHEET 3 OF 4

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:35 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	24

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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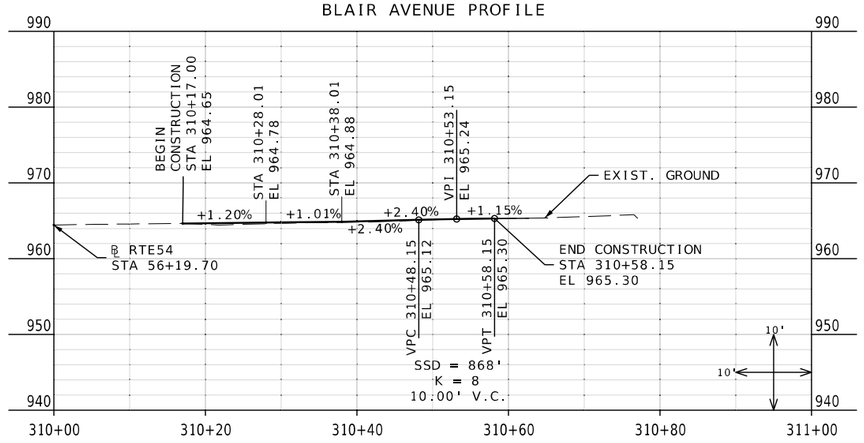
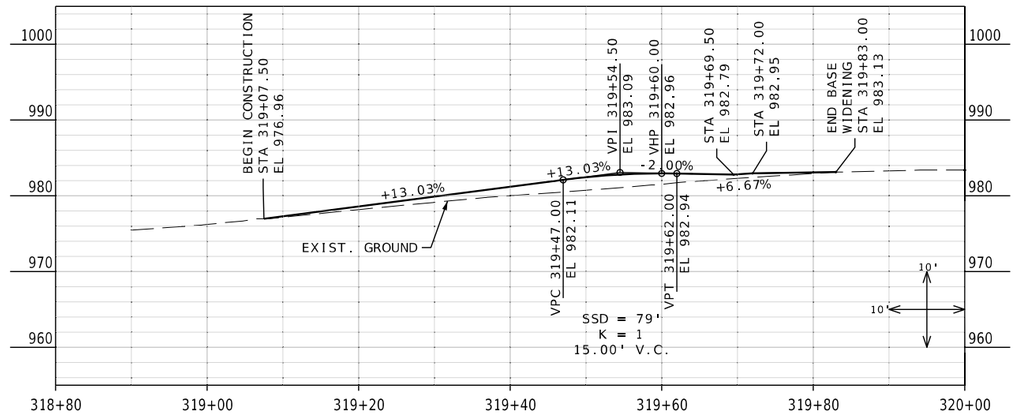
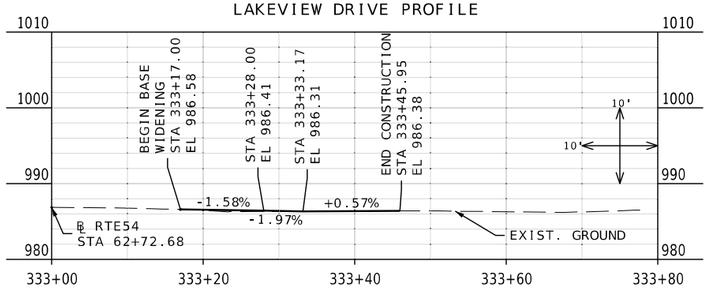
BLAIR AVENUE PROFILE



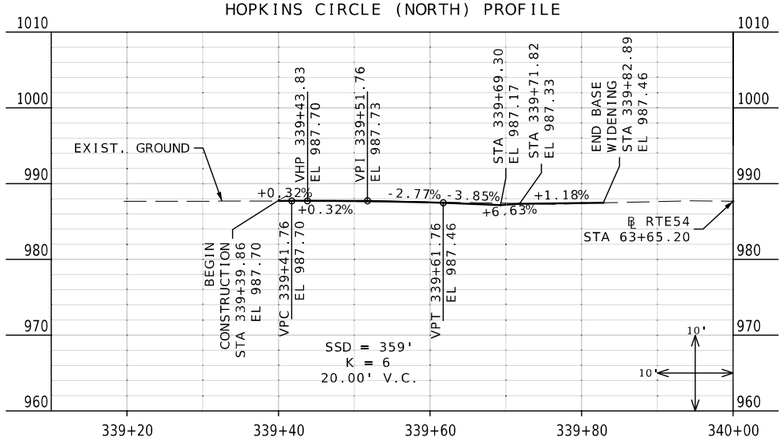
WHISPERING PINES DRIVE PROFILE



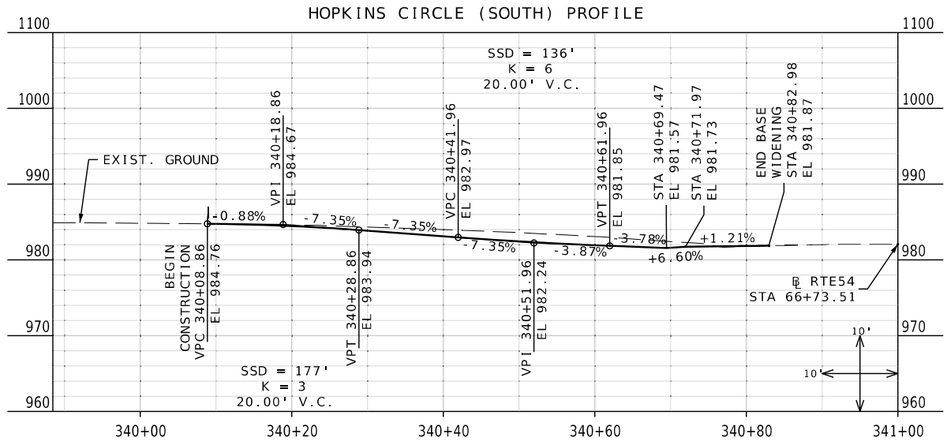
LAKEVIEW DRIVE PROFILE



HOPKINS CIRCLE (NORTH) PROFILE



HOPKINS CIRCLE (SOUTH) PROFILE



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SIDEROAD PROFILE
SHEET 4 OF 4

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	25

COUNTY
CAMDEN

JOB NO.
J5P3573

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PROJECT NO.

BRIDGE NO.

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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

NOTES:

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO, AND A PART OF, THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS ARE BASED ON MODIFIED STATE PLANE COORDINATES, CENTRAL ZONE.

ALL STATIONING AND OFFSETS FOR RIGHT-OF-WAY AND EASEMENT TAKING ARE GIVEN FROM BOTH THE RECORD CENTERLINE STATIONING AND THE CONSTRUCTION BASELINE.

FOR CONSTRUCTION BASELINE (STATIONING BETWEEN 10+00 AND 75+00) ALIGNMENT INFORMATION SEE CONSTRUCTION PLANS.

RIGHT-OF-WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 550+85 TO STA. 610+03, A DISTANCE OF 1.121 MILES.

ALL TEMPORARY EASEMENT TO BE CLASSIFIED FOR CONSTRUCTION PURPOSES. ALL PERMANENT EASEMENT TO BE CLASSIFIED FOR SLOPE AND UTILITY PURPOSES UNLESS OTHERWISE NOTED.

FOR CITY/COUNTY SIDE ROADS SEE PROFILE SHEETS 22-25

SCALE
0 20 40 60

CAMDEN CT. (SW)

BLOCK 1

COURT CIRCLE SW

SW¼OFNE¼ S25,T38N,R17W

1
OWNER: ROCK SOLID DEVELOPING LLC
PID #13-7.0-25.0-001.0-030-005.000
TD BK-785, PG-233
0.17 AC
NO TAKING

2
OWNER: DAMPIER, BERTON H. & PATRICIA J. (H&W)
PID #13-7.0-25.0-001.0-030-006.000
WD BK-703, PG-432
0.11 AC
NO TAKING

3
OWNER: PAPA, DONALD B. & ELIZABETH M.
PID #13-7.0-25.0-001.0-032-001.000
TD BK-748, PG-261
0.12 AC
NO TAKING

4
OWNER: MILLINGTON PROPERTIES, LLC
PID #13-7.0-25.0-001.0-032-002.000
WD BK-844, PG-227
0.14 AC
NO TAKING

5
OWNER: MILLINGTON PROPERTIES, LLC
PID #13-7.0-25.0-001.0-032-003.000
WD BK-568, PG-400
0.16 AC
NO TAKING

1/4 1/4 SECTION LINE

550

15

EXIST. R/W

CENTER OF SECTION 25
T38N, R17W
DOC #600-43574
SAID CORNER LIES S23°24'07"W, 1680.63' FROM RECORD ℄ ROUTE 54
STA. 548+69.58 BEGIN PROJECT

SLOPE LIMITS

BEGIN IMPROVEMENTS
STA. 12+63.70

ROUTE 54
(120' WIDE)

CONSTRUCTION ℄ ROUTE 54

S38°19'07"W

BEGIN PROJECT
STA. 548+69.58

RECORD ℄ (FAP-328 E - 1931)

MATCH LINE STA. 15+50

550+85.00
60.00'
14+79.10
61.00'

551+50.00
60.00'
15+44.10
61.03'

EXIST. R/W

550+85.00
75.00'
14+79.09
76.00'

551+50.00
75.00'
15+44.09
76.03'

PROP. TEMP. EASEMENT

COURT CIR.

77
OWNER: CAMDEN COUNTY MO
PID #13-7.0-25-001.0-031-002.000
79 CAMDEN CT. NW
WD BK-422, PG-955 &
WD BK-439, PG-126
TAKING ON SHEET 27

82
OWNER: CAMDEN COUNTY COURT HOUSE
PID #13-7.0-25-001.0-018-001.000
1 COURT CIRCLE
1.54 AC
NO TAKING

(1930) PLAT OF CAMDENTON
REC. IN PLAT BOOK 2, PAGE 15

BLOCK 59

VACATED ST?
(NO SUPPORTING EVIDENCE PROVIDED)

NW¼OFNE¼ S25,T38N,R17W

LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

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ROW PLAN
SHEET 1 OF 13

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DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	26

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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HR GREEN, INC.
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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen®

NOTES:

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ALL PERMANENT EASEMENT TO BE CLASSIFIED FOR SLOPE AND UTILITY PURPOSES UNLESS OTHERWISE NOTED.

SW¼OFNE¼
S25,T38N,R17W

LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

SCALE 0 20 40 60

BLOCK 2 4 3 2 1

6
OWNER: DEE DESIGN, LLC
PID #13-7.0-25.0-001.0-032-004.000
WD BK-767, PG-472
0.25 AC
NO TAKING

7
OWNER: BOARDWALK ON 54 LLC
PID #13-7.0-25.0-001.0-032-005.000
WD BK-841, PG-247
0.17 AC
NO TAKING

℄ ILLINOIS ST.
EXIST. R/W
ILLINOIS ST.
EXIST. R/W

553+56.83
60.00'
17+50.98
58.88'

PAVED APPROACH
STA. 18+20.61 LT
30.2' W. ASPHALT
EXIST. GRADE 1.60%
PROP. GRADE 2.05%

BLOCK 6 5 4

8
OWNER: CAMDENTON REORGANIZED SCHOOL DISTRICT R-III
PID #13-7.0-25.0-001.0-045-001.000
WD BK-480, PG-26
0.45 AC
NO TAKING

PAVED APPROACH
STA. 18+85.37 LT
30.4' W. ASPHALT
EXIST. GRADE 4.00%
PROP. GRADE 3.60%

555+20.00
65.00'
19+16.09
59.51'

555+20.00
60.00'
19+15.95
54.51'

9
OWNER: SAMUELSON, ROGER A| & JACQUELINE (H&W)
PID #13-7.0-25.0-001.0-045-001.001
WD BK-507, PG-759
0.46 AC
415 SF TEMP ESMT
0.46 AC REM PROP

PAVED APPROACH
STA. 19+58.12 LT
32.5' W. ASPHALT
EXIST. GRADE -1.06%
PROP. GRADE -1.20%

PROP. TEMP. EASEMENT

555
20

OWNER: DOBBINS, G. RICHARD & KAREN SUE (WHITWORTH) (H&W)
(1/2 INT. & LISA DAWN (WHITWORTH) VAN HOOK (1/2 INT.)
PID #13-7.0-25.0-001.0-045-002.000
WD BK-731, PG-701
0.61 AC

BLOCK 5 4 3

10
TAKING ON NEXT SHEET

PAVED APPROACH
STA. 20+18.85 LT
30.4' W. ASPHALT
EXIST. GRADE 1.02%
PROP. GRADE -1.75%

SLOPE LIMITS

PC STA. 553+56.83

CONSTRUCTION ℄ ROUTE 54

ROUTE 54
(120' WIDE)

S38°19'07"W

CURVE CL_1
CURVE 1

RECORD ℄
(FAP-328 E - 1931)

MATCH LINE STA. 15+50

MATCH LINE STA. 20+50

553+56.83
60.00'
17+50.93
61.12'

554+03.00
60.00'
17+95.63
61.69'

553+54.00
60.00'
17+48.10
61.12'

554+03.00
75.00'
17+95.25
76.69'

553+54.00
75.00'
17+48.09
76.12'

553+56.83
75.00'
17+50.92
76.12'

PROP. TEMP. EASEMENT

℄ COURT CIR. NW

COURT CIR. NW

PAVED APPROACH
STA. 16+13.50 RT
14.0' W. CONCRETE
EXIST. GRADE 4.50%
PROP. GRADE 8.77%
NO TAKING

80
OWNER: COUNTY OF CAMDEN / COMMISIONER STEVE WEST
PID# 13-7.0-25.0-001.0-031-009.000
ADDRESS: 113W. U.S. HWY 54
DEED BK-481, PG-911
0.26 AC

NW¼OFNE¼
S25,T38N,R17W

79
OWNER: EILEEN V. BUTTS (TRUSTEE)
PID# 13-7.0-25.0-001.0-031-008.000
ADDRESS: 133R W. U.S. HWY 54
WD BK-339, PG-619
0.09 AC
NO TAKING

1/4 1/4 SECTION LINE

78
OWNER: LIGHTHOUSE ASSETS, LLC
PID# 13-7.0-25.0-001.0-031-007.000
ADDRESS: 145 W. U.S. HWY 54
WD BK-863, PG-343
0.34 AC
NO TAKING

77
OWNER: CAMDEN COUNTY MO
PID #13-7.0-25.0-001.0-031-002.000
ADDRESS: CAMDEN COUNTY COURTHOUSE
WD BK-422, PG-955 &
WD BK-439, PG-126
3.94 AC
1685 SF TEMP ESMT
3.94 AC REM PROP

76
OWNER: VICTORIA E. ICENOGLE
PID# 13-7.0-25.0-001.0-031-005.000
ADDRESS: 181 W. U.S. HWY 54
WD BK-429, PG-836
0.21 AC
NO TAKING

PAVED APPROACH
STA. 18+59.73 RT
29.3' W. ASPHALT
SKEW 15.0° AH. RT.
EXIST. GRADE -7.02%
PROP. GRADE -5.58%

CURVE CL_1
PI 558+77.17
PC 553+56.83
PT 563+72.40
Δ 30°45'51.5" (RT)
D 3°1'45.4"
L 1,015.57' (ARC)
T 520.34'
R 1,891.40'

PAVED APPROACH
STA. 19+91.73 RT
30.0' W. ASPHALT
SKEW 4.8° BK. RT.
EXIST. GRADE -6.55%
PROP. GRADE -7.55%

75
OWNER: STRAFFORD APARTMENTS, LLC
PID #13-7.0-25.0-001.0-031-004.000
ADDRESS: 40 HA HA TONKA CUT THRU
WD BK-792, PG-60
0.44 AC
131 SF TEMP ESMT
0.44 AC REM PROP

BLOCK 10 9 8 7 6 5 4 3 2

NO TAKING

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ROW PLAN
SHEET 2 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:35 AM
Emily S. Burkart - Civil
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DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	27

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CORPORATE LICENSE #2002006608

HRGreen

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NOTES:

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SCALE 0 20 40 60

LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

(10) OWNER: DOBBINS, G. RICHARD & KAREN SUE (WHITWORTH) (H&W) (1/2 INT. & LISA DAWN (WHITWORTH) VAN HOOK (1/2 INT.)
PID #13-7.0-25.0-001.0-045-002.000
WD BK-731, PG-701
0.61 AC
565 SF TEMP ESMT
0.61 AC REM PROP

OWNER: 2N HOLDINGS, LLC
PID #13-7.0-25.0-001.0-046-001.000
WD BK-891, PG-974
0.18 AC
506 SF PERM ESMT
0.18 AC REM PROP

(11) OWNER: 2N HOLDINGS, LLC
PID #13-7.0-25.0-001.0-046-003.000
QCD BK-891, PG-974
0.69 AC
NO TAKING

(12) OWNER: CAMDENTON UNITED METHODIST CHURCH, INC.
PID #13-7.0-25.0-002.0-006-008.000
WD BK-170, PG-216 & WD BK-545, PG-157 & QCD BK-514, PG-393 & WD BK-506, PG'S 830, 831, 832, & 833,
4.91 AC
0.1 AC (5197 SF) TENT R/W
0.1 AC (5742 SF) PERM ESMT
896 SF TEMP ESMT
4.91 AC REM PROP

SW¼OF NE¼ S25, T38N, R17W

SE¼OF NW¼ S25, T38N, R17W

TRACT 1

LAKE DRIVE ADDITION
REC. IN PLAT BOOK 2, PAGE 10A

(75) OWNER: STRAFFORD APARTMENTS, LLC
PID #13-7.0-25.0-001.0-031-004.000
ADDRESS: 40 HA HA TONKA CUT THRU
WD BK-792, PG-60
0.44 AC
TAKING ON PREVIOUS SHEET

(74) OWNER: P & R ENTERPRISES LLC
PID #13-7.0-25.0-002.0-005-024.000
WD BK-766, PG-396
1.16 AC
609 SF TEMP ESMT
1.16 AC REM PROP

OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5, LAKE DRIVE ADDTION)
3486 SF PERM ESMT
8 SF TEMP ESMT
0.1 AC REM PROP

(73) OWNER: BEST LOCATION, LLC
PID #13-7.0-25.0-002.0-005-023.000
WD BK-889, PG-881
0.40 AC
63 SF PERM ESMT
910 SF TEMP ESMT
0.40 AC REM PROP

(72) OWNER: JIM C. NUGENT
PID #13-7.0-25.0-002.0-005-029.000
WD BK-874, PG-444
0.78 AC
TAKING ON NEXT SHEET

PAVED APPROACH
STA. 24+44.16 RT
28.6' W. ASPHALT
SKEW 16.9° BK. RT.
EXIST. GRADE -11.12%
PROP. GRADE -12.11%

PAVED APPROACH
STA. 24+81.06 RT
31.3' W. CONCRETE
EXIST. GRADE -13.95%
PROP. GRADE -13.79%

CURVE CL_1
PI 558+77.17
PC 553+56.83
PT 563+72.40
Δ 30°45'51.5" (RT)
D 3°1'45.4"
L 1,015.57' (ARC)
T 520.34'
R 1,891.40'

ROUTE 54 (WIDTH VARIES)
CONSTRUCTION ℄ ROUTE 54
RECORD ℄ (FAP-328 E - 1931)
CURVE CL_1
℄ HA HA TONKA RD.
℄ HA HA TONKA CUT THRU
℄ POPLAR ST.
HA HA TONKA RD.
HA HA TONKA CUT THRU
POPLAR ST.
EXIST. R/W
TENTATIVE R/W
SLOPE LIMITS
PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
EX. EASEMENT
EXIST. BUSINESS SIGN (UIP)
(UIP)
(R)
1/4 1/4 SECTION LINE
MATCH LINE STA. 20+50
MATCH LINE STA. 25+50

556+65.00 70.00' 20+61.05 61.20'
556+65.00 60.00' 20+60.89 51.21'
557+60.00 60.00' 21+54.84 70.04'
557+99.04 92.16' 21+94.10 102.51'
558+30.00 60.00' 22+26.09 49.49'
558+43.39 40.00' 22+39.23 50.55'
558+80.44 94.83' 22+76.61 84.23'
558+84.87 29.41' 558+88.67 40.00'
558+88.67 50.00' 22+84.86 39.41'
559+25.00 60.00' 23+21.25 49.50'
559+50.00 60.00' 23+46.29 49.63'
559+93.00 40.00' 23+90.30 50.04'
560+00.00 70.00' 23+96.27 60.02'
560+40.00 60.00' 24+36.41 50.49'
560+45.00 60.00' 24+43.07 69.43'
561+30.00 40.00' 25+28.50 47.97'
561+30.00 50.00' 25+28.72 57.97'

128°49'33" 80°00'00" 54°35'00"

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Emily S. Burkart - Civil
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DATE PREPARED 4/13/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 28
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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CORPORATE LICENSE #2002006608

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NOTES:

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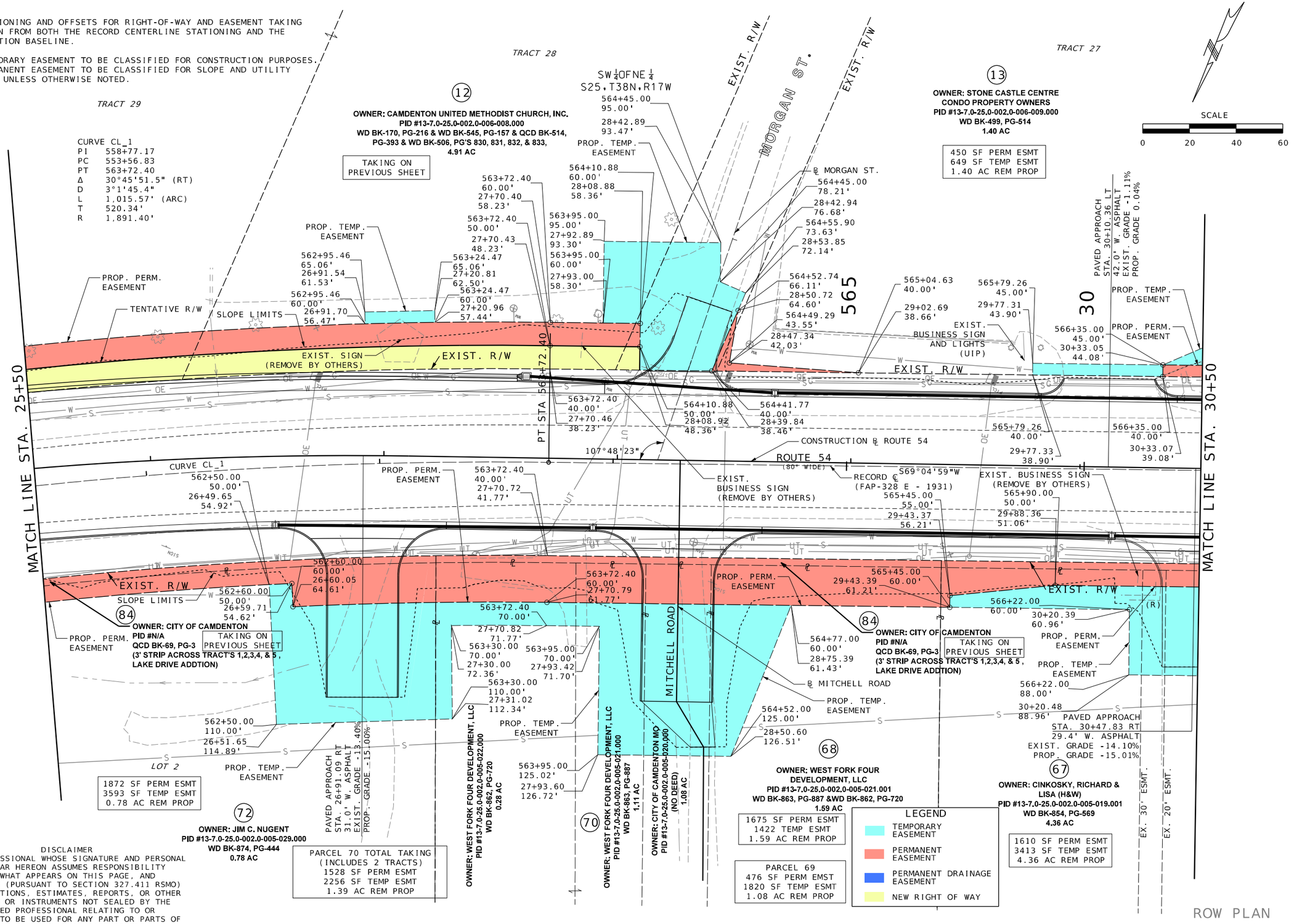

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ROW PLAN
SHEET 4 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:35 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	29

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

NOTES:

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LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

SCALE 0 20 40 60

13
OWNER: STONE CASTLE CENTRE CONDO PROPERTY OWNERS
PID #13-7.0-25.0-002.0-006-009.000
WD BK-499, PG-514
1.40 AC
TAKING ON PREVIOUS SHEET

566+80.00 65.00' 30+77.98 64.23'

PAVED APPROACH STA. 30+84.42 LT 24.9' W. ASPHALT SKEW 19.0° AH. LT. EXIST. GRADE -4.54% PROP. GRADE -7.04%

SW¼OFNE¼ S25.T38N.R17

14
OWNER: JD INDUSTRIES, LLC
PID #13-7.0-25.0-002.0-006-010.000
WD BK-738, PG-564
1.56 AC
0.1 AC (5383 SF) PERM ESMT
1.92 AC REM PROP
(INCLUDES 2 TRACTS)

15
OWNER: PSALM 4610 LLC
PID #13-7.0-25.0-002.0-006-011.000
WD BK-881, PG-541
1.88 AC
0.1 AC (5190 SF) PERM ESMT
383 SF TEMP ESMT
1.88 AC REM PROP

OWNER: GARDNER COMMERCIAL GROUP, LLC
PID #13-7.0-25.0-002.0-006-012.000
WD BK-860, PG-8
0.94 AC
TAKING ON NEXT SHEET

16

PAVED APPROACH STA. 35+46.60 LT SKEW 37.8° BK. LT. 20.1' W. CONCRETE EXIST. GRADE 2.94% PROP. GRADE 3.56% 24" PIPE

EXIST. BUSINESS SIGN (UIP)

PROP. TEMP. EASEMENT

EXIST. BUSINESS SIGN AND LIGHTS (REMOVE BY OTHERS)

SLOPE LIMITS

PROP. PERM. EASEMENT

570+80.00 75.00' 34+77.95 75.52'

EXIST. BUSINESS SIGN (REMOVE)

566+72.00 45.00' 30+70.05 44.20'

EXIST. R/W

570+80.00 65.00' 34+77.98 65.52'

CONCRETE PILLAR (R)

EXIST. BUSINESS SIGN (UIP)

CONSTRUCTION ℄ ROUTE 54

ROUTE 54 (80' WIDE)

RECORD ℄ (FAP-328 E - 1931) S69°04'59"W

567+86.00 60.00' 31+84.39 60.43'

567+86.00 75.00' 31+84.44 75.43'

569+53.00 45.00' 33+51.34 44.89'

569+53.00 50.00' 33+51.36 49.89'

570+21.00 45.00' 34+19.34 44.67'

570+67.00 45.00' 34+65.34 44.52'

571+07.00 45.00' 35+05.34 44.39'

FENCE

MATCH LINE STA. 30+50

MATCH LINE STA. 35+50

EXIST. R/W

566+85.00 50.00' 30+83.36 50.76'

567+35.00 50.00' 31+33.36 50.59'

566+85.00 88.00' 30+83.48 88.76'

567+35.00 75.00' 31+33.44 75.59'

PROP. TEMP. EASEMENT

PAVED APPROACH STA. 31+86.55 RT 24.0' W. ASPHALT EXIST. GRADE -8.10% PROP. GRADE -10.03%

568+17.00 50.00' 32+15.36 50.33'

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

568+92.00 50.00' 32+90.36 50.09'

568+92.00 60.00' 32+90.39 60.09'

PROP. TEMP. EASEMENT

568+07.00 60.00' 32+05.39 60.36'

PAVED APPROACH STA. 33+17.94 RT 25.0' W. ASPHALT EXIST. GRADE -3.13% PROP. GRADE -2.92%

569+37.00 60.00' 33+35.39 59.94'

PROP. PERM. EASEMENT

PAVED APPROACH STA. 33+75.40 RT 29.9' W. ASPHALT EXIST. GRADE 0.85% PROP. GRADE -1.65%

570+21.00 55.00' 34+19.37 54.67'

PROP. TEMP EASEMENT

569+59.00 55.00' 33+57.37 54.87'

570+67.00 57.00' 34+65.38 56.52'

PAVED APPROACH STA. 34+85.15 RT 21.6' W. ASPHALT EXIST. GRADE 2.40% PROP. GRADE 0.86%

571+07.00 57.00' 35+05.38 56.39'

SLOPE LIMITS

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

EX. BUSINESS SIGN (UIP)

84
OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5, LAKE DRIVE ADDTION)
TAKING ON SHEET 28

67
OWNER: CINKOSKY, RICHARD & LISA (H&W)
PID #13-7.0-25.0-002.0-005-019.001
WD BK-854, PG-569
4.36 AC
TAKING ON PREVIOUS SHEET

66
OWNER: CITY OF CAMDENTON MO
PID #13-7.0-25.0-002.0-005-018.000
WD BK-581, PG-7
4.80 AC
1435 SF PERM ESMT
1809 SF TEMP ESMT
4.80 AC REM PROP

65
OWNER: KHOR, KEE LONG & MEI YUEN (H&W)
PID #13-7.0-25.0-002.0-005-017.000
WD BK-515, PG-176
0.75 AC
130 SF PERM ESMT
630 SF TEMP ESMT
0.75 AC REM PROP

84
OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5, LAKE DRIVE ADDTION)
TAKING ON SHEET 28

64
OWNER: BIG OAK STORAGE, LLC
PID #13-7.0-25.0-002.0-005-016.000
WD BK-577, PG-441
4.29 AC
288 SF PERM ESMT
538 SF TEMP ESMT
4.29 AC REM PROP

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SHEET 5 OF 13

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DATE PREPARED 4/13/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 30
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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HRGreen

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(16)
OWNER: GARDNER COMMERCIAL GROUP, LLC
PID #13-7.0-25.0-002.0-006-012.000
WD BK-860, PG-8
0.94 AC

501 SF PERM ESMT
1004 SF TEMP ESMT
0.94 AC REM PROP

(17)
OWNER: WALKER, BRANDON & TIFFANY (H&W)
PID #13-7.0-25.0-003.0-003-004.000
WD BK-852, PG-321
0.90 AC

1749 SF PERM ESMT
(530 SF EXIST ESMT INCLUSIVE IN PERM ESMT)
1636 SF TEMP ESMT
0.90 AC REM PROP

(18)
OWNER: BLAIR CEDAR AND NOVELTY WORKS, INC.
PID #13-7.0-25.0-003.0-005-001.000
WD BK-168, PG-414
0.99 AC

PARCEL 18 TOTAL TAKING
(INCLUDES 2 TRACTS)
0.2 AC (9565 SF) PERM ESMT
(900 SF EXIST ESMT INCLUSIVE IN PERM ESMT)
1881 SF PERM DRAINAGE ESMT
0.3 AC (11260 SF) TEMP ESMT
11.41 AC REM PROP

OWNER: BLAIR CEDAR AND NOVELTY WORKS, INC.
PID #13-7.0-25.0-003.0-005-002.000
WD BK-90, PG-92 & WD BK-104, PG-507, &
WD BK-169, PG-101 & WD BK-304, PG-310
10.42 AC

NW¼OFSW¼ S25, T38N, R17W
1/4 1/4 SECTION LINE

SCALE
0 20 40 60

PANORAMIC DR.
EXIST. R/W
℄ PANORAMIC DR.
573+66.22 117.18'
37+64.47 117.81'
573+60.05 120.48'
37+58.30 121.12'
573+51.24 125.21'
37+49.49 125.85'
PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
573+20.00 65.00'
37+18.22 65.65'
573+14.90 75.00'
37+13.13 75.66'
PROP. TEMP. EASEMENT
PAVED APPROACH STA. 35+46.74 LT 50.0' W. CONCRETE EXIST. GRADE -2.50% PROP. GRADE -1.65% 24" PIPE
TYPE I DRIVEWAY STA. 36+42.92 LT 20.0' W. ASPHALT PROP. GRADE -13.26% 24" PIPE
PROP. PERM. EASEMENT
EX. EASEMENT EXIST. R/W
573+30.79 60.00'
37+29.01 60.65'
573+00.00 60.00'
36+98.22 60.66'
573+00.00 40.00'
36+98.21 40.66'
573+22.26 40.00'
37+20.47 40.65'
573+24.60 40.00'
37+22.81 40.65'
117°22'46"
S69°04'59"W
574+15.62 91.62'
38+13.85 92.24'
PROP. TEMP. EASEMENT
574+02.92 67.09'
38+01.15 67.71'
PROP. PERM. EASEMENT
SLOPE LIMITS
573+88.67 40.00'
37+86.88 40.63'
574+15.00 55.00'
38+13.22 55.62'
EXIST. R/W
151
PROP. TEMP. EASEMENT
574+97.51 86.10'
38+95.74 86.68'
574+97.52 55.00'
38+95.74 55.58'
575
575+05.00 55.00'
39+03.22 55.58'
575+10.00 46.00'
39+08.21 46.58'
EXIST. BILLBOARD (REL BY OTHERS)
PAVED APPROACH STA. 39+54.59 LT 48.8' W. ASPHALT EXIST. GRADE -11.50% PROP. GRADE -14.04%
576+14.03 86.15'
40+12.26 86.68'
576+14.04 51.00'
40+12.26 51.53'
40
RECORD ℄ (FAP-328 E - 1931)
MATCH LINE STA. 35+50
MATCH LINE STA. 40+50
ROUTE 54
(WIDTH VARIES)
CONSTRUCTION ℄ ROUTE 54
EXIST. BUSINESS SIGN (REMOVE)
EXIST. BUSINESS SIGN (REMOVE BY OTHERS)
EXIST. BUSINESS SIGN (UIP)
EXIST. WALL & FENCE (DND)
EXIST. BLOCK WALL (REMOVE BY OTHERS)
(DND)
PROP. PERM. EASEMENT
572+15.00 70.00' 36+13.17 69.30'
572+50.00 80.00' 36+48.06 79.32'
571+70.00 70.00' 35+68.17 69.28'
571+60.00 45.00' 35+58.18 44.28'
PROP. TEMP. EASEMENT
PAVED APPROACH STA. 35+75.87 RT 24.8' W. ASPHALT SKEW 10.0° AH. RT. EXIST. GRADE 5.22% PROP. GRADE 7.10%
PAVED APPROACH STA. 36+85.06 RT 27.2' W. ASPHALT EXIST. GRADE 9.67% PROP. GRADE 12.63%
573+38.38 55.00' 37+36.56 54.35'
573+38.39 80.00' 37+36.56 79.35'
SLOPE LIMITS
574+16.00 55.00' 38+14.17 54.39'
EXIST. FLAGPOLE (REMOVE BY OTHERS)
574+16.00 75.00' 38+14.16 74.39'
EXIST. R/W
PAVED APPROACH STA. 38+54.24 RT 26.8' W. CONCRETE EXIST. GRADE 11.10% PROP. GRADE 10.77%
PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
PAVED APPROACH STA. 39+47.97 RT 32.7' W. ASPHALT EXIST. GRADE 9.02% PROP. GRADE 10.49%
PROP. TEMP. EASEMENT
575+90.00 55.00' 39+88.17 54.46'
PROP. PERM. EASEMENT
575+90.00 75.00' 39+88.16 74.46'
1/4 1/4 SECTION LINE
SE¼OFNW¼ S25, T38N, R17W
SW¼OFNW¼ S25, T38N, R17W
TRACT 8

(64)
OWNER: 2MB, LLC
PID #13-7.0-25.0-002.0-005-015.000
TRACT II, WD BK-846, PG-892
4.52 AC
OWNER: BIG OAK STORAGE, LLC
PID #13-7.0-25.0-002.0-005-016.000
WD BK-577, PG-441
4.29 AC
TAKING ON PREVIOUS SHEET

(62)
OWNER: 2MB, LLC
PID #13-7.0-25.0-002.0-005-014.000
TRACT I, WD BK-846, PG-892
0.50 AC
PARCEL 62 TOTAL TAKING
(INCLUDES 2 TRACTS)
1044 SF PERM ESMT
0.1 AC (5708 SF) TEMP ESMT
5.02 AC REM PROP

(61)
OWNER: G.O.B. CLUB, INC
PID #13-7.0-25.0-002.0-005-013.000
WD BK-346, PG-97
4.45 AC
523 SF PERM ESMT
2333 SF TEMP ESMT
4.45 AC REM PROP

(60)
OWNER: THE 5 & DIME VARIETY STORE, LLC
PID #13-7.0-25.0-002.0-005-012.000
DEED BK-878, PG-97
0.56 AC
522 SF PERM ESMT
3131 SF TEMP ESMT
0.56 AC REM PROP

(59)
OWNER: WAYRAND, LLC
PID #13-7.0-25.0-002.0-005-011.000
WD BK-616, PG-209
8.98 AC
TAKING ON NEXT SHEET

LEGEND
TEMPORARY EASEMENT
PERMANENT EASEMENT
PERMANENT DRAINAGE EASEMENT
NEW RIGHT OF WAY

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ROW PLAN
SHEET 6 OF 13

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04/14/2025 7:19:35 AM
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DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	31

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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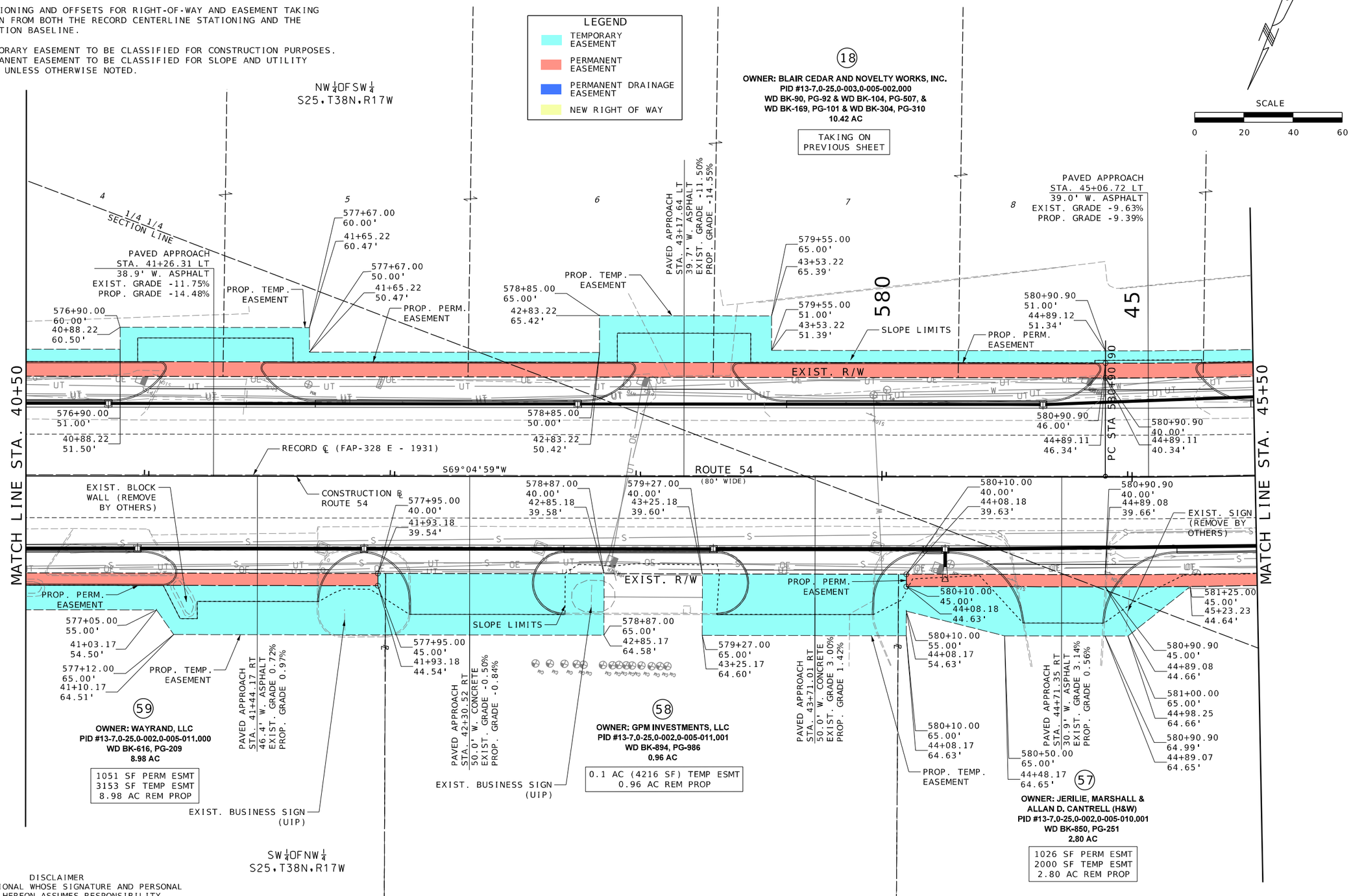

576+90.00 60.00' 40+88.22 60.50'
576+90.00 51.00' 40+88.22 51.50'
577+05.00 55.00' 41+03.17 54.50'
577+12.00 65.00' 41+10.17 64.51'
577+67.00 60.00' 41+65.22 60.47'
577+67.00 50.00' 41+65.22 50.47'
577+95.00 40.00' 41+93.18 39.54'
577+95.00 45.00' 41+93.18 44.54'
578+85.00 65.00' 42+83.22 65.42'
578+85.00 50.00' 42+83.22 50.42'
578+87.00 40.00' 42+85.18 39.58'
578+87.00 65.00' 42+85.17 64.58'
579+27.00 40.00' 43+25.18 39.60'
579+27.00 65.00' 43+25.17 64.60'
579+55.00 65.00' 43+53.22 65.39'
579+55.00 51.00' 43+53.22 51.39'
580+10.00 40.00' 44+08.18 39.63'
580+10.00 45.00' 44+08.18 44.63'
580+10.00 55.00' 44+08.17 54.63'
580+10.00 65.00' 44+08.17 64.63'
580+50.00 65.00' 44+48.17 64.65'
580+90.90 51.00' 44+89.12 51.34'
580+90.90 46.00' 44+89.11 46.34'
580+90.90 40.00' 44+89.11 40.34'
580+90,90 40.00' 44+89.08 39.66'
580+90.90 45.00' 44+89.08 44.66'
580+90.90 64.99' 44+89.07 64.65'
581+00.00 65.00' 44+98.25 64.66'
581+25.00 45.00' 45+23.23 44.64'

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ROW PLAN
SHEET 7 OF 13

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ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 32
COUNTY CAMDEN
JOB NO. J5P3573
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PROJECT NO.
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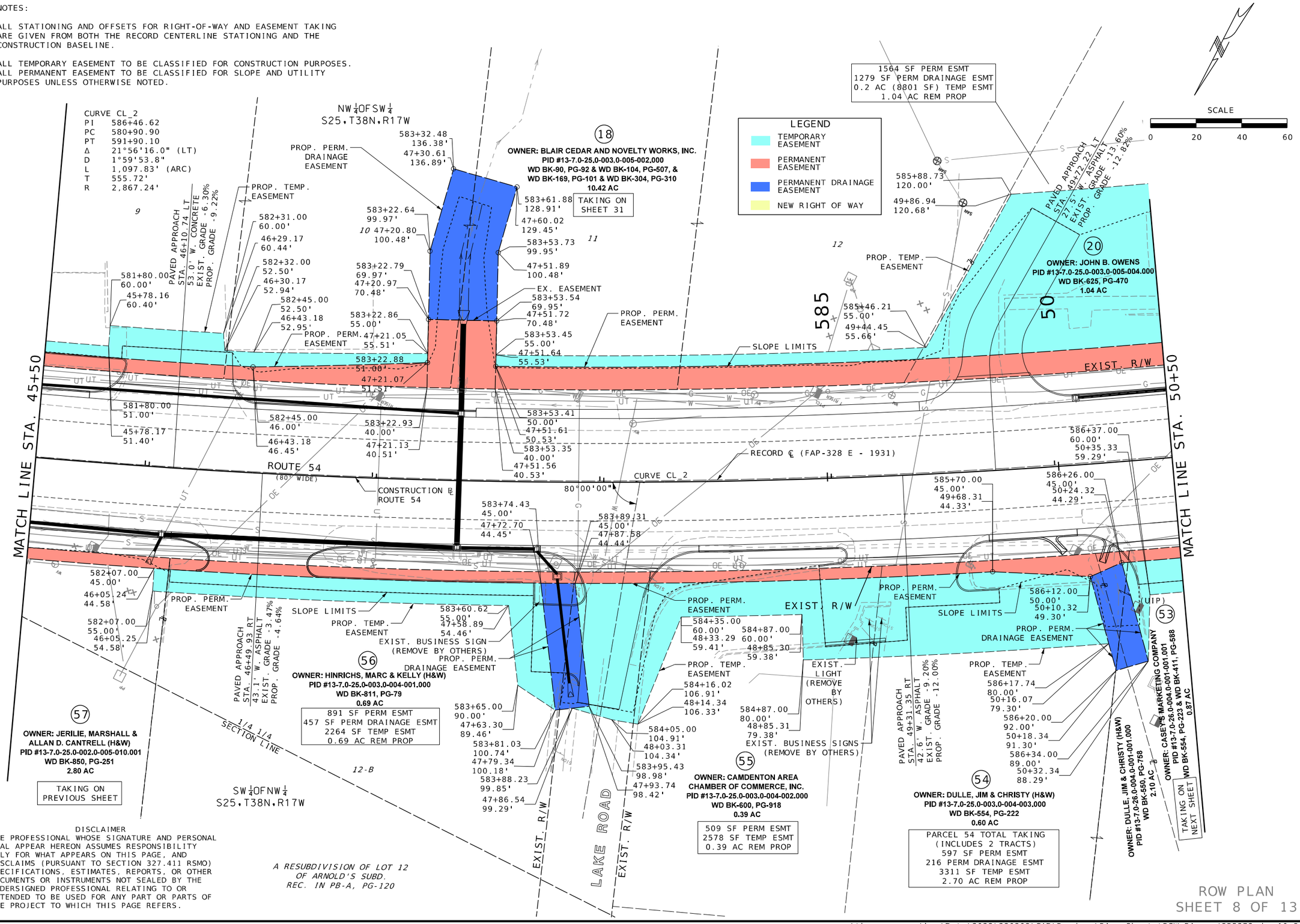

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A RESUBDIVISION OF LOT 12 OF ARNOLD'S SUBD. REC. IN PB-A, PG-120

ROW PLAN
SHEET 8 OF 13

STATE OF MISSOURI
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen.

NOTES:

ALL STATIONING AND OFFSETS FOR RIGHT-OF-WAY AND EASEMENT TAKING ARE GIVEN FROM BOTH THE RECORD CENTERLINE STATIONING AND THE CONSTRUCTION BASELINE.

ALL TEMPORARY EASEMENT TO BE CLASSIFIED FOR CONSTRUCTION PURPOSES.
ALL PERMANENT EASEMENT TO BE CLASSIFIED FOR SLOPE AND UTILITY PURPOSES UNLESS OTHERWISE NOTED.

SCALE 0 20 40 60

586+98.51
165.00'
50+96.73
165.75'

587+19.85
165.00'
51+18.07
165.76'

444 SF PERM ESMT
1084 SF PERM DRAINAGE ESMT
3257 SF TEMP ESMT
4.12 AC REM PROP

20
OWNER: JOHN B. OWENS
PID #13-7.0-25.0-003.0-005-004.000
WD BK-625, PG-470
1.04 AC

21
OWNER: RONALD L. KUCHES
PID #13-7.0-25.0-003.0-005-005.000
QCD BK-423, PG-119
4.12 AC

22
OWNER: DAVID MCNATT
PID #13-7.0-26,0-004.0-005-001.000
WD BK-720, PG-691
0.62 AC

775 SF PERM ESMT
(51 SF EXIST ESMT INCLUSIVE IN PERM ESMT)
2286 SF TEMP ESMT
0.62 AC REM PROP

376 SF PERM ESMT
95 SF TEMP ESMT
0.48 AC REM PROP

23
OWNER: MARTINSON HEPPLER, SANDRA I. & JAMES J. (H&W)
PID #13-7.0-26.0-004.0-005-002.001
WD BK-749, PG-756
0.36 AC

371 SF PERM ESMT
363 SF TEMP ESMT
0.36 AC REM PROP

24
OWNER: CHRISTINE NICOLL WALZ
PID #13-7.0-26.0-004.0-005-003.000
WD BK-829, PG-385
0.48 AC

25
OWNER: CONAWAY, BOBBY & JENNIFER (H&W)
PID #13-7.0-26.0-004.0-005-004.000
WD BK-830, PG-243
0.48 AC

TAKING ON PREVIOUS SHEET

TAKING ON NEXT SHEET

586+78.16
120.00'
50+76.40
120.74'

CONC. SLAB (R)

EXIST. WALL & RAILING (REMOVE WITHIN SLOPE LIMITS)

PROP. PERM. DRAINAGE EASEMENT

587+36.46
135.00'
51+34.71
135.77'

587+95.00
65.00'
51+93.31
65.80'

587+95.00
62.00'
51+93.31
62.80'

$NW\frac{1}{4}OFSW\frac{1}{4}$
S25,T38N,R17W

SECTION 25
SECTION 26

PROP. TEMP. EASEMENT

PAVED APPROACH
STA. 51+53.90 LT
30.9' W. ASPHALT
EXIST. GRADE -13.20%
PROP. GRADE -14.05%

PAVED APPROACH
STA. 52+22.55 LT
32.0' W. CONCRETE
EXIST. GRADE -7.64%
PROP. GRADE -10.02%

PAVED APPROACH
STA. 52+85.93 LT
32.3' W. ASPHALT
EXIST. GRADE -5.40%
PROP. GRADE -4.49%

CURVE CL_2
PI 586+46.62
PC 580+90.90
PT 591+90.10
Δ 21°56'16.0" (LT)
D 1°59'53.8"
L 1,097.83' (ARC)
T 555.72'
R 2,867.24'

PAVED APPROACH
STA. 54+16.32 LT
29.8' W. ASPHALT
EXIST. GRADE -2.10%
PROP. GRADE -3.02%

PAVED APPROACH
STA. 54+86.92 LT
29.0' W. CONCRETE
EXIST. GRADE -3.27%
PROP. GRADE -3.73%

PAVED APPROACH
STA. 55+33.44 LT
28.3' W. ASPHALT
EXIST. GRADE -2.00%
PROP. GRADE -1.66%

590

55

587+28.20
65.00'
51+26.48
65.76'

PROP. PERM. EASEMENT

EX. EASEMENT

589+26.00
62.00'
53+24.35
62.86'

589+58.00
45.00'
53+56.37
45.87'

589+62.00
50.00'
53+60.37
50.87'

PROP. TEMP. EASEMENT

EXIST. BUSINESS SIGN (UIP)

SLOPE LIMITS
590+55.00
50.00'
54+53.40
50.91'

PROP. TEMP. EASEMENT
591+14.00
50.00'
55+12.42
50.93'

EXIST. R/W

589+28.00
45.00'
53+26.36
45.86'

589+28.00
41.50'
53+26.36
42.36'

589+58.00
43.50'
53+56.37
44.37'

589+62.00
45.00'
53+60.37
45.87'

590+55.00
45.00'
54+53.40
45.91'

591+14.00
45.00'
55+12.42
45.93'

MATCH LINE STA. 50+50

MATCH LINE STA. 55+50

586+86.57
50.00'

50+84.85
50.74'

587+06.50
45.00'

51+04.79
45.75'

EXIST. SIGN (REMOVE BY OTHERS)

CURVE CL_2

EXIST. BUSINESS SIGN (REMOVE BY OTHERS)

ROUTE 54
(80' WIDE)
92°54'17"

RECORD ℄ (FAP-328 E - 1931)

CONSTRUCTION ℄ ROUTE 54

587+91.14
45.00'
51+89.50
44.21'

588+10.83
45.00'
52+09.19
44.20'

588+93.17
45.00'
52+91.56
44.16'

590+13.00
47.00'
54+11.42
46.11'

590+13.00
50.00'
54+11.42
49.11'

590+12.00
50.00'
54+10.42
49.11'

(DND)

EXIST. BUSINESS SIGN (REMOVE BY OTHERS)

EXIST. BUSINESS SIGN (UIP)

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT
588+10.73
70.00'
52+09.11
69.20'

588+93.67
50.00'
52+92.06
49.16'

PROP. PERM. EASEMENT
589+50.00
50.00'
53+48.40
49.13'

PROP. TEMP. EASEMENT

589+27.88
81.83'
53+26.29
80.97'

℄ L.A. DRIVE

DEED BK-147, PG-150??

EXIST. R/W

EXIST. R/W

SLOPE LIMITS
PROP. TEMP. EASEMENT

EXIST. R/W
PROP. PERM. EASEMENT

591+35.00
65.00'
55+33.46
64.07'

591+45.00
47.00'
55+43.46
46.06'

PAVED APPROACH
STA. 50+51.10 RT
42.8' W. CONCRETE
EXIST. GRADE -1.14%
PROP. GRADE -3.57%

PAVED APPROACH
STA. 51+79.94 RT
42.8' W. CONCRETE
EXIST. GRADE -3.15%
PROP. GRADE -3.62%

587+90.00
60.00'
51+88.37
59.21'

PAVED APPROACH
STA. 52+45.88 RT
28.8' W. ASPHALT
EXIST. GRADE -7.08%
PROP. GRADE -10.04%

588+92.64
83.69'
52+91.04
82.85'

PAVED APPROACH
STA. 54+28.76 RT
22.4' W. ASPHALT
EXIST. GRADE 1.50%
PROP. GRADE -1.87%

PAVED APPROACH
STA. 55+09.79 RT
21.1' W. CONCRETE
EXIST. GRADE -5.30%
PROP. GRADE -2.68%

590+12.00
65.00'
54+10.43
64.11'

642 SF PERM ESMT
1593 SF TEMP ESMT
0.36 AC REM PROP

53
OWNER: CASEY'S MARKETING COMPANY
PID #13-7.0-26.0-004.0-001-001.001
WD BK-554, PG-223 & WD BK-411, PG-588
0.87 AC

968 SF PERM ESMT
(60 SF EXIST ESMT INCLUSIVE IN PERM ESMT)
433 SF PERM DRAINAGE ESMT
2884 SF TEMP ESMT
0.87 AC REM PROP

52
OWNER: DULLE, JAMES P. & CHRISTY
PID #13-7.0-26.0-004.0-001-002.001
QCD BK-307, PG-332
0.70 AC

447 SF PERM ESMT
(40 SF EXIST ESMT
NCLUSIVE IN PERM ESMT)
2810 SF TEMP ESMT
0.70 AC REM PROP

51
OWNER: DULLE, JAMES P. & ELISSA C. (H&W)
PID #13-7.0-26.0-004.0-001-008.000
DEED BK-786, PG-20 & WD BK-786, PG-21
0.33 AC

802 SF PERM ESMT
230 SF TEMP ESMT
0.33 AC REM PROP

50
OWNER: HERBERT, MICHAEL DOUGLAS & JANE PAULINE (TRUSTEES JRLT)
PID #13-7.0-26.0-004.0-001-009.000
QCD BK-696, PG-52
0.36 AC

49
OWNER: CHARLES WRIGHT JR.
PID #13-7.0-26.0-004.0-001-010.000
WD BK-825, PG-827
0.43 AC

TAKING ON NEXT SHEET

LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

DISCLAIMER
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$NE\frac{1}{4}OFSE\frac{1}{4}$
S26,T38N,R17W

ROW PLAN
SHEET 9 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:12:16 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	34

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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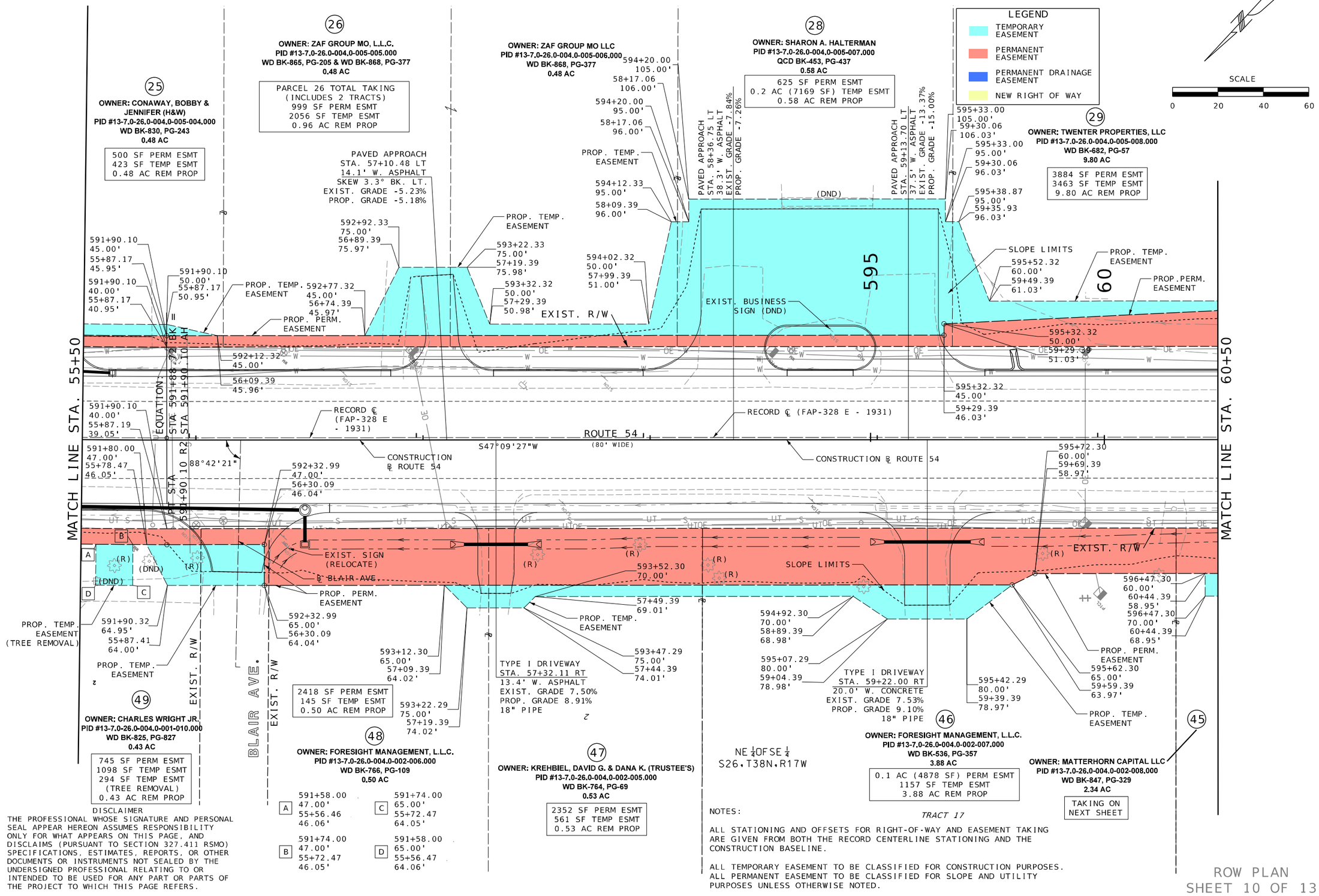

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ROW PLAN
SHEET 10 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/13/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 35
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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NOTES:

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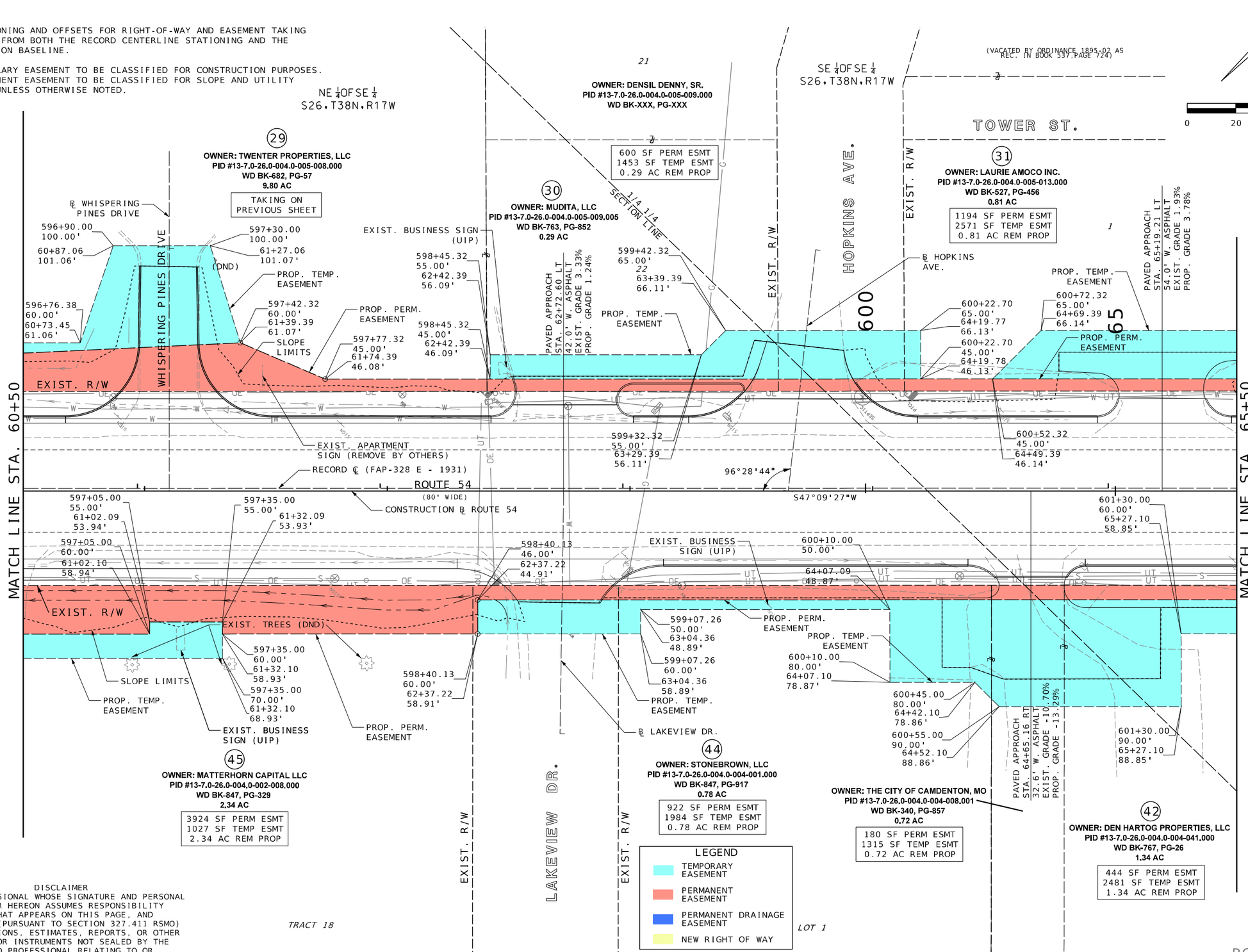

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ROW PLAN
SHEET 11 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	36

COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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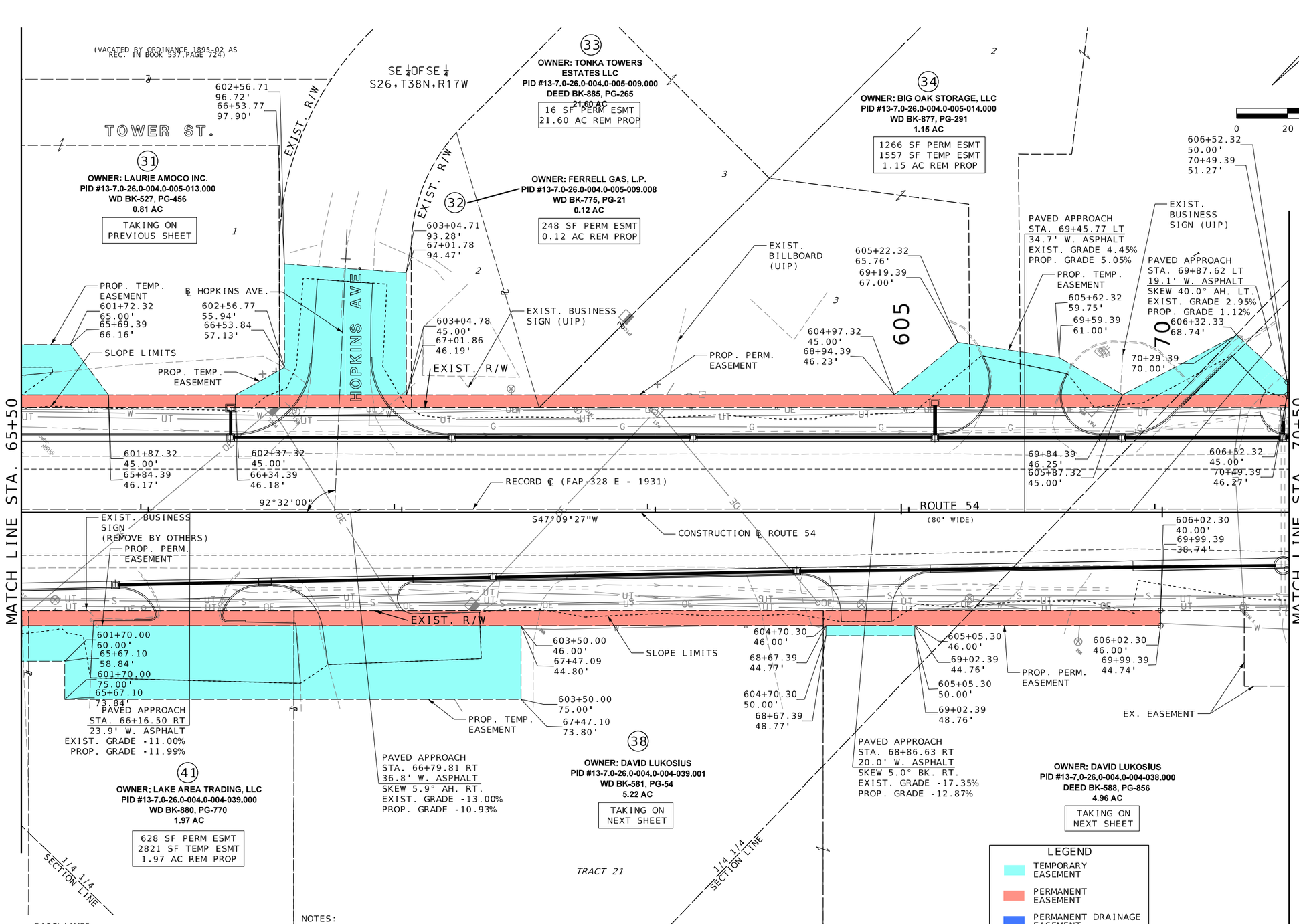

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ROW PLAN
SHEET 12 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	37

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

NOTES:

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LEGEND
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PERMANENT DRAINAGE EASEMENT
- NEW RIGHT OF WAY

SCALE
0 20 40 60

SE ¼ OF SE ¼
S26, T38N, R17W

(34)
OWNER: BIG OAK STORAGE, LLC
PID #13-7.0-26.0-004.0-005-014.000
WD BK-877, PG-291
1.15 AC

TAKING ON PREVIOUS SHEET

1/4 1/4 SECTION LINE EXIST. R/W

PARKER AVE.

EXIST. R/W

EXIST. R/W

607+42.33
79.71'
71+39.39
81.00'

PROP. TEMP. EASEMENT

PAVED APPROACH
STA. 71+04.59 LT
28.8' W. ASPHALT
SKEW 36.1° AH. LT.
EXIST. GRADE -1.50%
PROP. GRADE -2.18%

607+02.32
50.00'
70+99.39
51.28'

607+77.32
50.00'
71+74.39
51.29'

EXIST. BUSINESS SIGN (UIP)

CENTER OF SECTION 25
T38N, R17W
DOC #600-43574
SAID CORNER LIES N66°39'44"E,
4687.78' FROM RECORD ℄ ROUTE 54
STA. 610+03.32 END PROJECT

SLOPE LIMITS

PROP. PERM. EASEMENT

610+03.32
50.00'
74+00.36
51.35'

610+03.32
40.00'
74+00.37
41.35'

610

75

MATCH LINE STA. 70+50

EXIST. R/W

SEE BLOW-UP

END IMPROVEMENTS
STA. 73+96.20

RECORD ℄ (FAP-328 E - 1931)

ROUTE 54
(WIDTH VARIES)

S47°09'27"W

CONSTRUCTION ℄ ROUTE 54

END PROJECT
STA. 610+03.32 (1931 ℄)
STA. 74+00.40 (RTE 54 ℄)

SLOPE LIMITS

EXIST. R/W

EXIST. R/W

EX. EASEMENT

TRACT 40

(35)
OWNER: COUNTY OF CAMDENTON / STATE OF MISSOURI
PID #13-7.0-26.0-004.0-005-015.000
WD BK-416, PG-647
7.11 AC

3454 SF PERM ESMT
1114 SF TEMP ESMT
7.11 AC REM PROP

TRACT 25

(38)
OWNER: DAVID LUKOSIUS
PID #13-7.0-26.0-004.0-004-037.000
WD BK-862, PG-661
4.87 AC

PARCEL 38 TOTAL TAKING
(INCLUDES 4 TRACTS)
2051 SF PERM ESMT
2738 SF TEMP ESMT
27.05 AC REM PROP

OWNER: DAVID LUKOSIUS
PID #13-7.0-26.0-004.0-004-038.000
DEED BK-588, PG-856
4.96 AC

SW ¼ OF SE ¼
S26, T38N, R17W

TRACT 23

(37)
OWNER: DICKERSON BUILDING, LLC
PID #13-7.0-26.0-004.0-004-036.000
WD BK-558, PG-400
10.95 AC

NO TAKING

TRACT 24

RECORD ℄ (FAP-328 E - 1931)

END PROJECT
STA. 610+03.32 (1931 ℄)

N42°51'17"W
1.35'

CONSTRUCTION ℄ ROUTE 54

STA. 74+00.40 (RTE 54 ℄)

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ROW PLAN
SHEET 13 OF 13

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	38

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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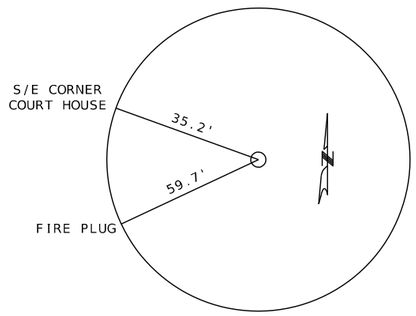
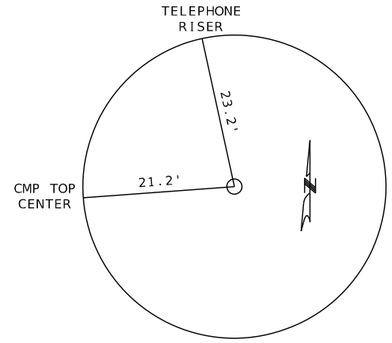
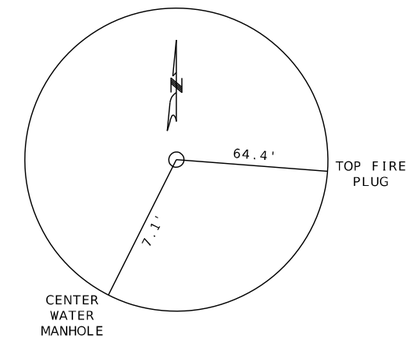


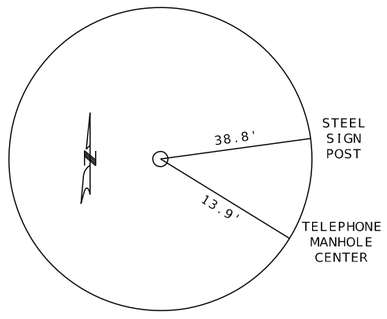
PT 801
STA:
OFFSET:
N: 1569782.094
E:791634.858
(MODIFIED STATE PLANE COORDINATES)
ELEV: 1043.56
REBAR AND CAP BURIED
0.20' BELOW GROUND SURFACE
13' WEST OF W.E.P. RTE 54
460' SOUTH OF JNCT. RTE 54 AND BUSS RTE 5



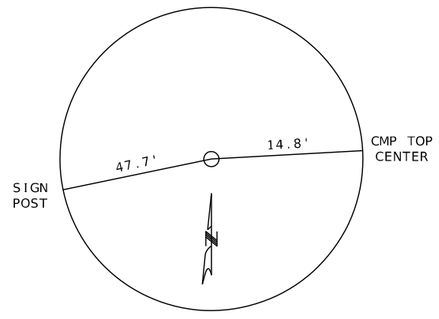
PT 802
STA:
OFFSET:
N: 1569274.120
E:790977.836
(MODIFIED STATE PLANE COORDINATES)
ELEV: 1002.43
REBAR AND CAP BURIED
0.20' BELOW GROUND SURFACE
36' EAST OF E.E.P. RTE 54
1290' SOUTH OF JNCT. RTE 54 AND BUSS RTE 5



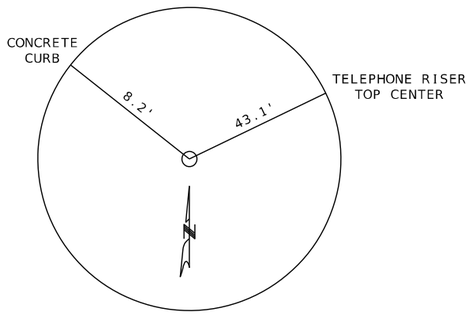
PT 803
STA:
OFFSET:
N: 1568775.539
E:790731.650
(MODIFIED STATE PLANE COORDINATES)
ELEV: 1003.13
REBAR AND CAP BURIED
0.20' BELOW GROUND SURFACE
29' SOUTH OF S.E.P. RTE 54
10' WEST OF W.E.P. MORGAN ST



PT 804
STA:
OFFSET:
N: 1567168.136
E:790215.128
(MODIFIED STATE PLANE COORDINATES)
ELEV: 950.418
REBAR AND CAP BURIED
0.20" BELOW GROUND SURFACE
29' NORTH OF N.E.P. RTE 54
49' WEST OF W.E.P. McCRORY DR



PT 805
STA:
OFFSET:
N: 1565748.185
E:789148.623
(MODIFIED STATE PLANE COORDINATES)
ELEV: 985.760
REBAR AND SPIKE BURIED
0.20" BELOW GROUND SURFACE
17' NORTH OF N.E.P. RTE 54
23' WEST OF W.E.P. LAKEVIEW DR



PT 806
STA:
OFFSET:
N: 1564871.921
E:788236.307
(MODIFIED STATE PLANE COORDINATES)
ELEV: 976.59
REBAR AND CAP BURIED
0.20" BELOW GROUND SURFACE
17' SOUTH OF S.E.P. RTE 54
245' EAST OF E.E.P.HOLDEN DR

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REFERENCE POINTS
SHEET 1 OF 1

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	39

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	G2018U7
ELEVATIONS DETERMINED BY	GNSS OBSERVATION
PROJECT PROJECTION FACTOR	1.0000944

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
CONTROL STATION	XX
DESIGNATION	MODOT CAMDENTON CORS ARP
CORS_ID	MOCD
PID	DM4114
LATITUDE	380209
LONGITUDE	924623
NORTHING (M)	244457
EASTING (M)	476027
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.9999056

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #801
N 1569782.094 X 0.9999056 = N 1569633.907
E 791634.858 X 0.9999056 = E 791560.128

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO.	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
PROJECT CONTROL POINTS							
801				1569782.094	791634.858	1043.56	
802				1569274.120	790977.836	1002.43	
803				1568775.539	790731.650	1003.13	
804				1567168.136	790215.128	950.418	
805				1565748.185	789148.623	985.76	
806				1564871.921	788236.307	976.59	
ALIGNMENTS							
54_SURVEYRW	546+18.88 R1			791976.6160	1570102.0616		START
	553+56.83 R1			791397.6389	1569644.5075		PC
	558+77.17 R1			790989.3896	1569321.8763		HPI
	563+72.40 R1			790803.6180	1568835.8233		PT
	580+90.90 R1			790190.0853	1567230.5757		PC
	586+46.62 R1			789991.6842	1566711.4787		HPI
	591+90.10 R2			789613.7148	1566304.0921		PT
	613+83.90 R2			788121.6159	1564695.8634		END
RTE54	10+13.00 R1			791976.1343	1570102.6772		START
	18+18.52 R1			791343.9159	1569603.5234		PC
	22+75.73 R1			790985.0614	1569320.1979		HPI
	27+10.57 R1			790823.2104	1568892.5836		PT
	35+41.51 R1			790529.0677	1568115.4510		HPI
	44+92.61 R1			790189.1399	1567227.1668		PC
	50+46.78 R1			789991.0794	1566709.6041		HPI
	55+87.41 R1			789614.2552	1566303.2758		PT
	73+77.81 R1			788396.8138	1564990.5131		TS
	75+77.81 R1			788263.4129	1564841.5351		SC
	82+53.16 R1			787830.7288	1564322.9950		HPI
	88+76.09 R1			787820.1845	1563647.7261		CS
	90+76.09 R1			787824.0423	1563447.7877		ST
	107+04.33 R1			787883.8591	1561820.6451		END

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COORDINATE POINT
SHEET 1 OF 2

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	40

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen®

COORDINATE POINT LISTING

SHEET NO.	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
ALIGNMENTS							
CourtCir1	200+00.00 R1			791584.5576	1569793.5167		START
	201+20.00 R1			791658.9180	1569699.3332		END
IllinoisSt	208+80.00 R1			791319.86410	1569737.42690		START
	210+00.00 R1			791394.22450	1569643.24350		END
CourtCir2	220+00.00 R1			791383.2091	1569634.5465		START
	221+20.00 R1			791457.5696	1569540.3630		END
PoplarSt	228+71.01 R1			791022.0872	1569470.929		START
	230+00.00 R1			791104.7792	1569371.931		END
HaHaTonkaRT	240+00.00 R1			791059.1980	1569315.3753		START
	241+40.00 R1			791199.0958	1569310.0273		END
HaHaTonkaLT	248+49.37 R1			790899.8108	1569299.2757		START
	250+00.00 R1			791050.3708	1569303.8103		END
MorganSt	258+50.46 R1			790636.0837	1568800.3988		START
	260+00.00 R1			790785.4303	1568792.7675		END
MitchellRd	270+00.00 R1			790782.0194	1568783.7557		START
	271+03.47 R1			790878.7941	1568747.1267		HPI
	271+26.15 R1			790892.5732	1568729.1242		HPI
	271+83.39 R1			790945.9279	1568708.3746		END
PanoramicDrt	277+50.00 R1			790214.1397	1567913.6286		START
	280+00.00 R1			790462.5628	1567941.6633		END
LakeRd	290+00.00 R1			790056.8417	1566932.4326		START
	291+50.00 R1			790199.9721	1566887.5584		END
LaDr	300+00.00 R1			789791.6556	1566514.0518		START
	301+38.79 R1			789897.6134	1566424.4034		END
BlairAve	310+00.00 R1			789592.3011	1566279.6028		START
	311+00.00 R1			789667.1408	1566213.2777		END
Whisp	318+60.00 R1			789156.1598	1566015.2000		START
	320+00.00 R1			789258.8114	1565920.0021		END
LakeviewDr	333+00.00 R1			789148.2843	1565800.8211		START
	334+00.00 R1			789222.6393	1565733.9531		END
HopkinsCir1	339+00.00 R1			789004.8457	1565792.2746		START
	340+00.00 R1			789085.3728	1565732.9838		END
HopkinsCir2	339+88.45 R1			788790.6572	1565579.0841		START
	341+00.00 R1			788875.7232	1565506.9195		END
DRWY_49+72.22	0+00.00			789838.3441	1566820.5181		START
	0+82.19			789920.4694	1566823.8531		PC
	0+93.94			789932.2024	1566824.3296		HPI
	1+05.04			789942.3311	1566818.3882		PT
	1+50.00			789981.1145	1566795.6382		END

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STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/14/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	41

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
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SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
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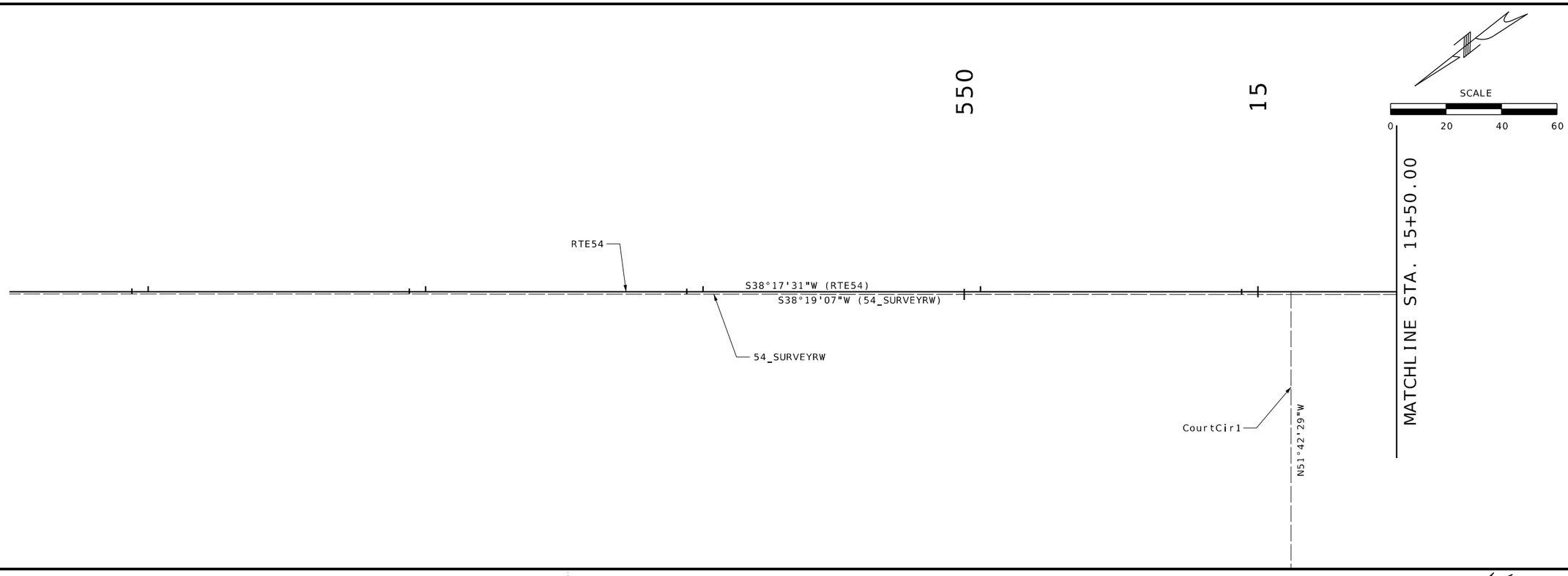

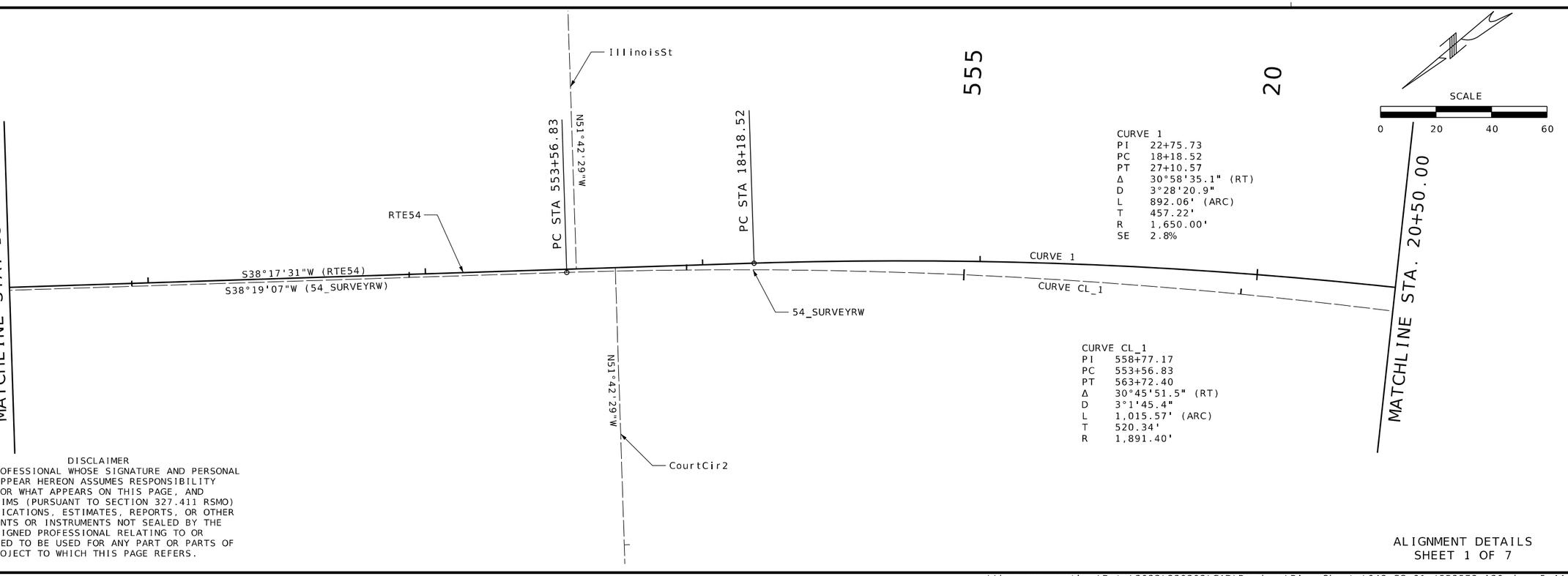

CURVE 1
PI 22+75.73
PC 18+18.52
PT 27+10.57
Δ 30°58'35.1" (RT)
D 3°28'20.9"
L 892.06' (ARC)
T 457.22'
R 1,650.00'
SE 2.8%

CURVE CL_1
PI 558+77.17
PC 553+56.83
PT 563+72.40
Δ 30°45'51.5" (RT)
D 3°1'45.4"
L 1,015.57' (ARC)
T 520.34'
R 1,891.40'

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ALIGNMENT DETAILS
SHEET 1 OF 7

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PE-2011015708
PROFESSIONAL ENGINEER
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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	42

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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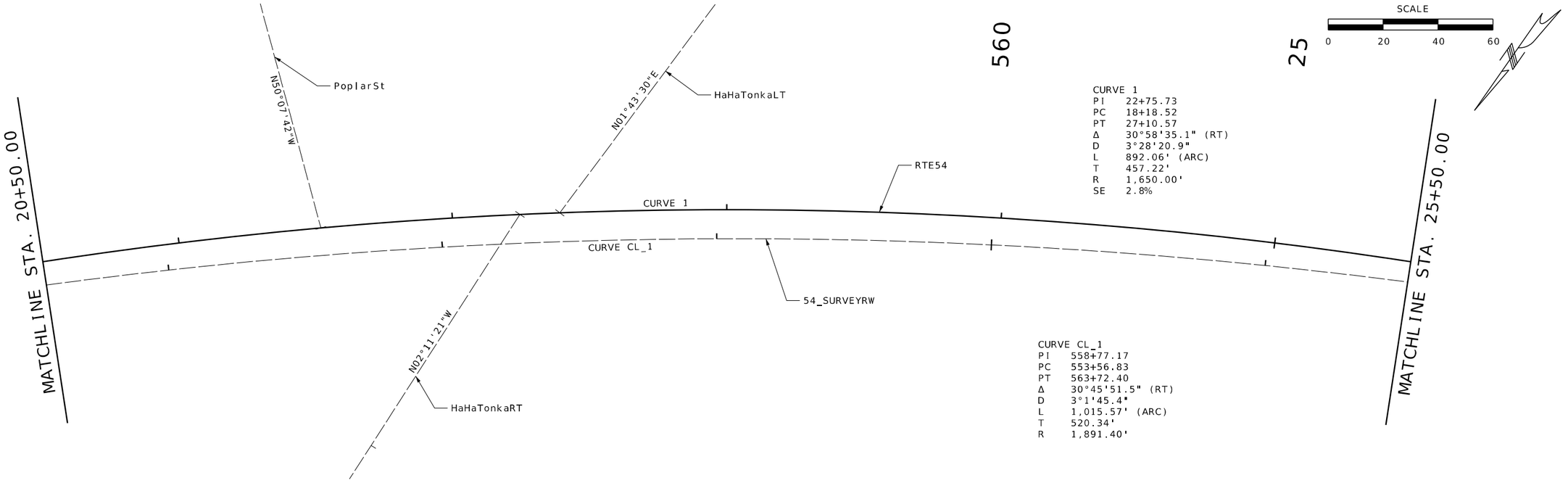

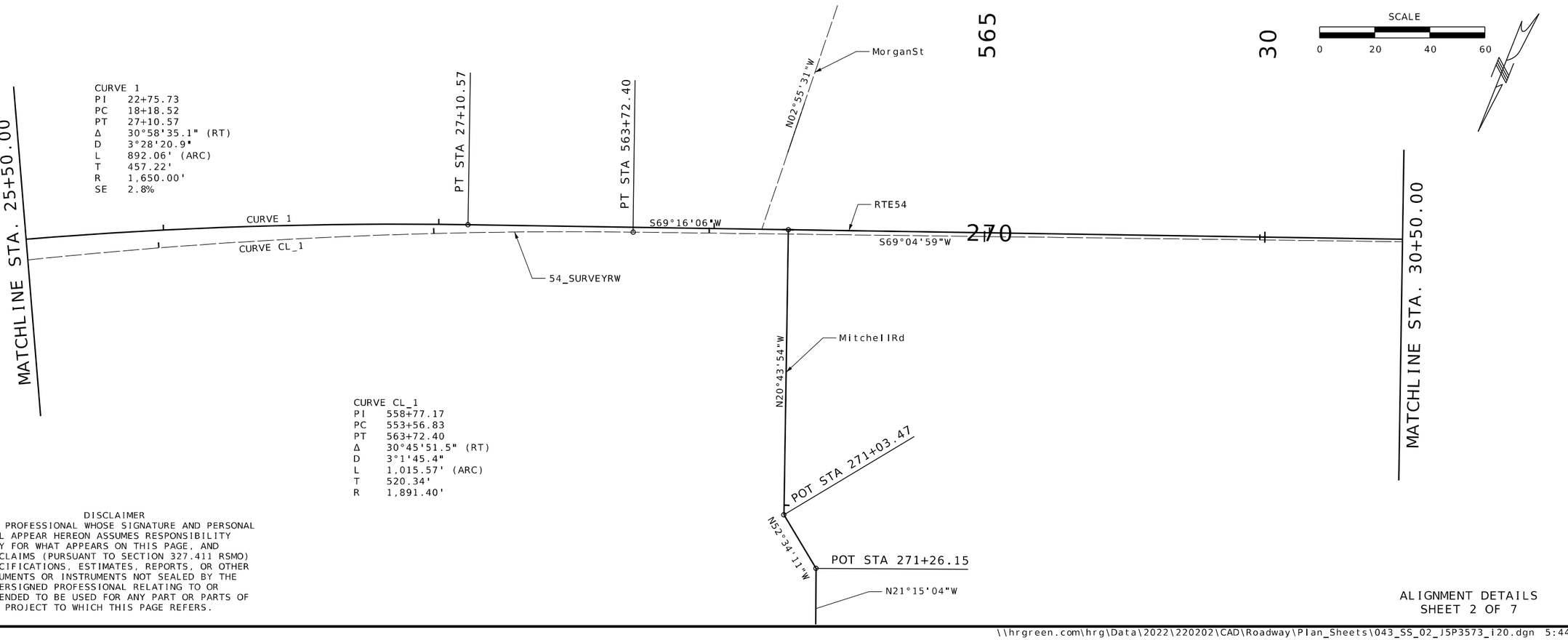

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ALIGNMENT DETAILS
SHEET 2 OF 7

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EMILY S. BURKART
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Emily S. Burkart
04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	43

COUNTY
CAMDEN

JOB NO.
J5P3573

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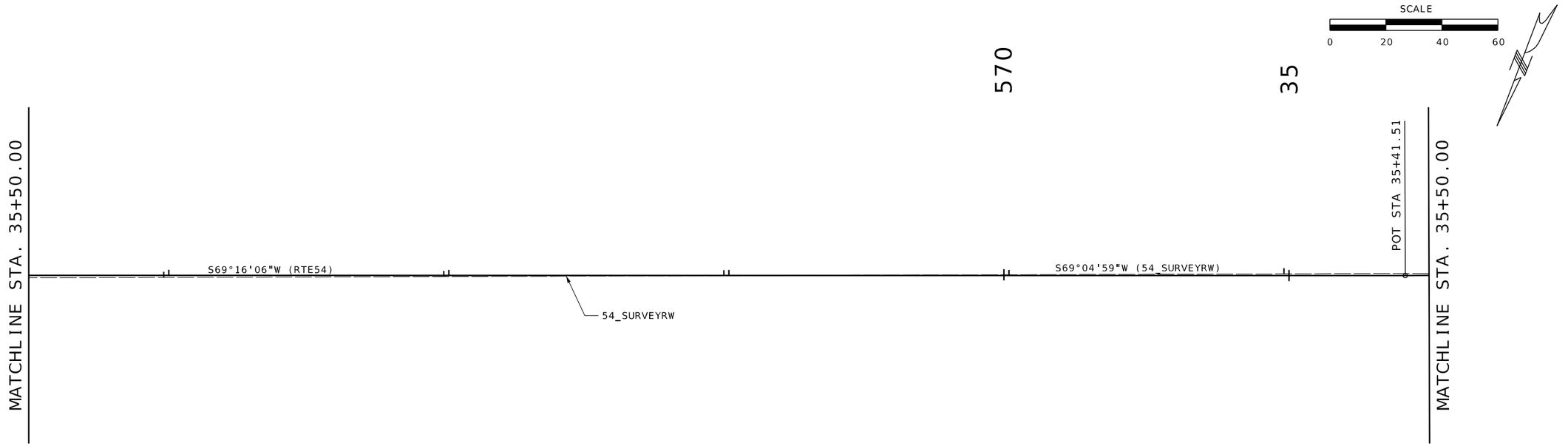
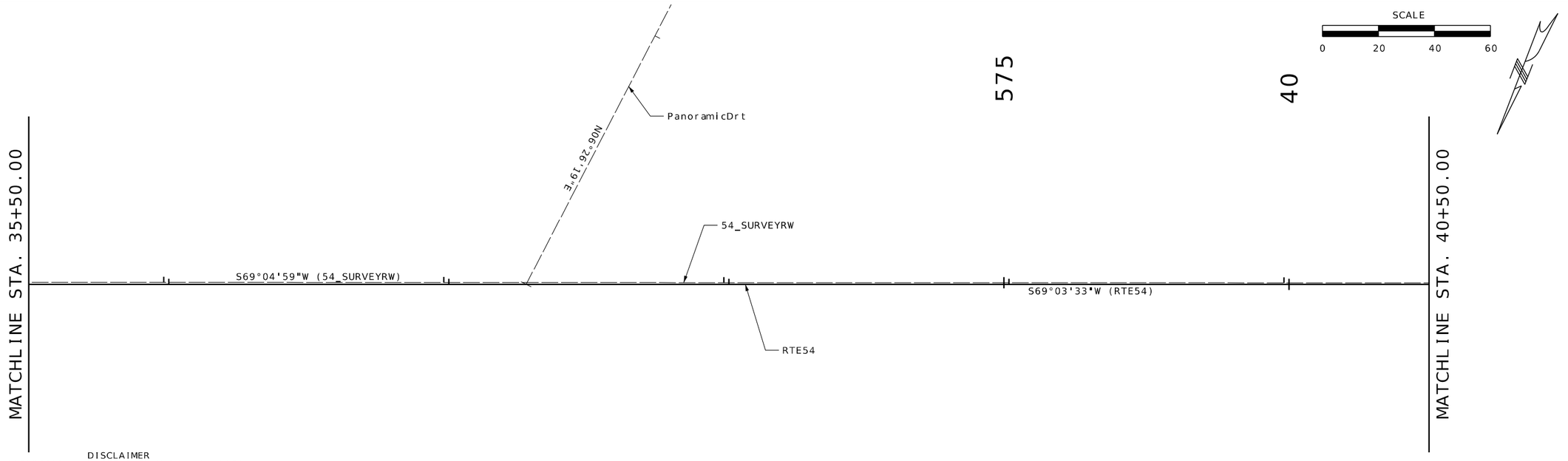
HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\043_SS_02_J5P3573_i20.dgn 5:44:15 PM 4/13/2025





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ALIGNMENT DETAILS
SHEET 3 OF 7

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04/14/2025 7:19:36 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	44

COUNTY
CAMDEN

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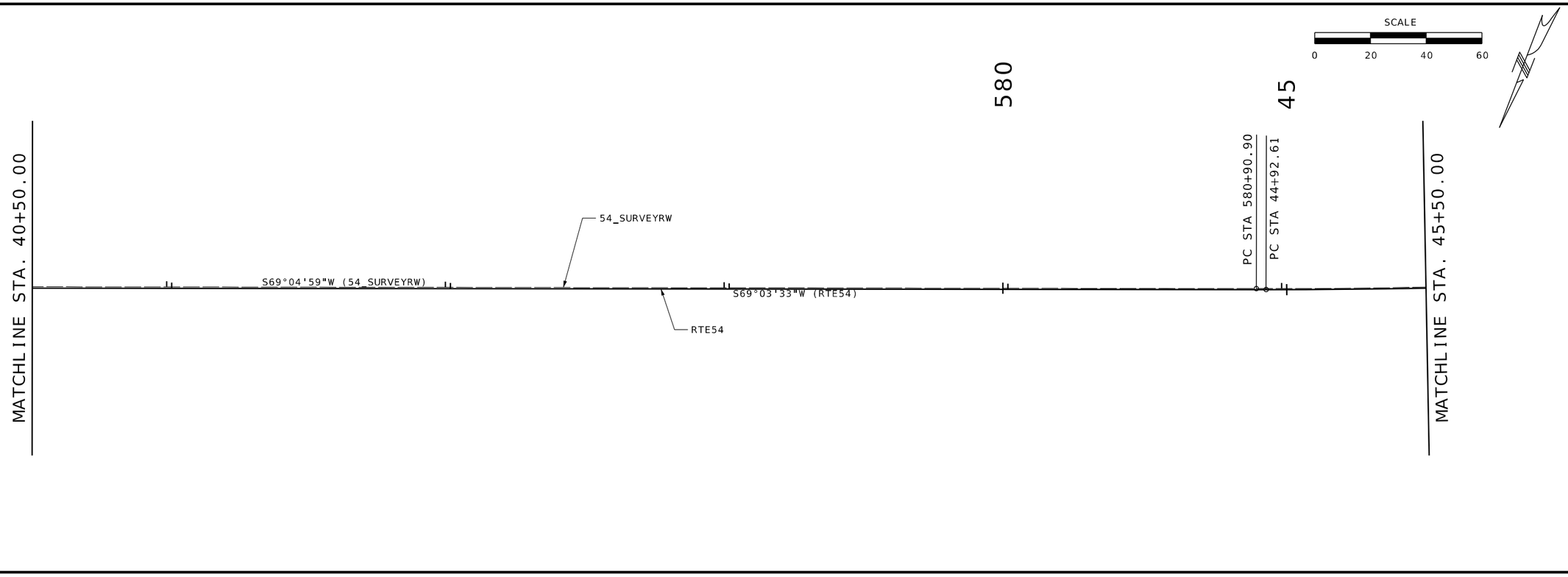

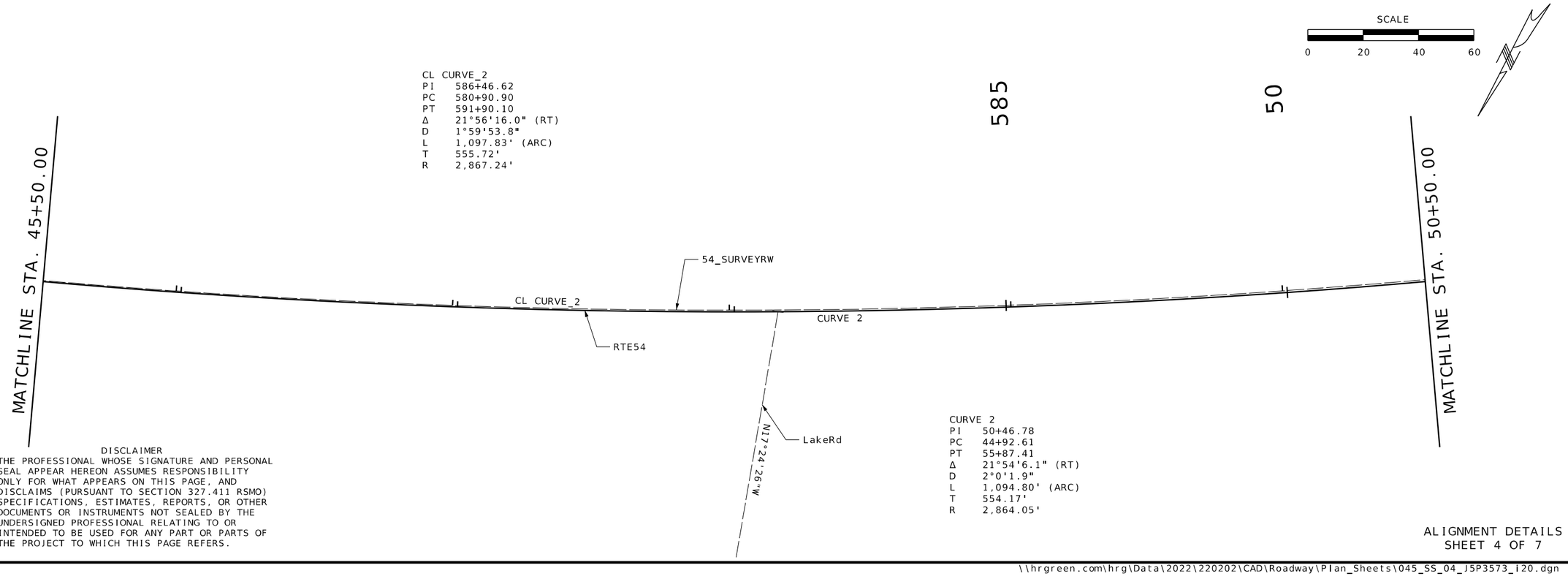

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ALIGNMENT DETAILS
SHEET 4 OF 7

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PE-2011015708
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Emily S. Burkart
04/14/2025 7:19:36 AM
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MO PE-2011015708

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4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	45

COUNTY
CAMDEN

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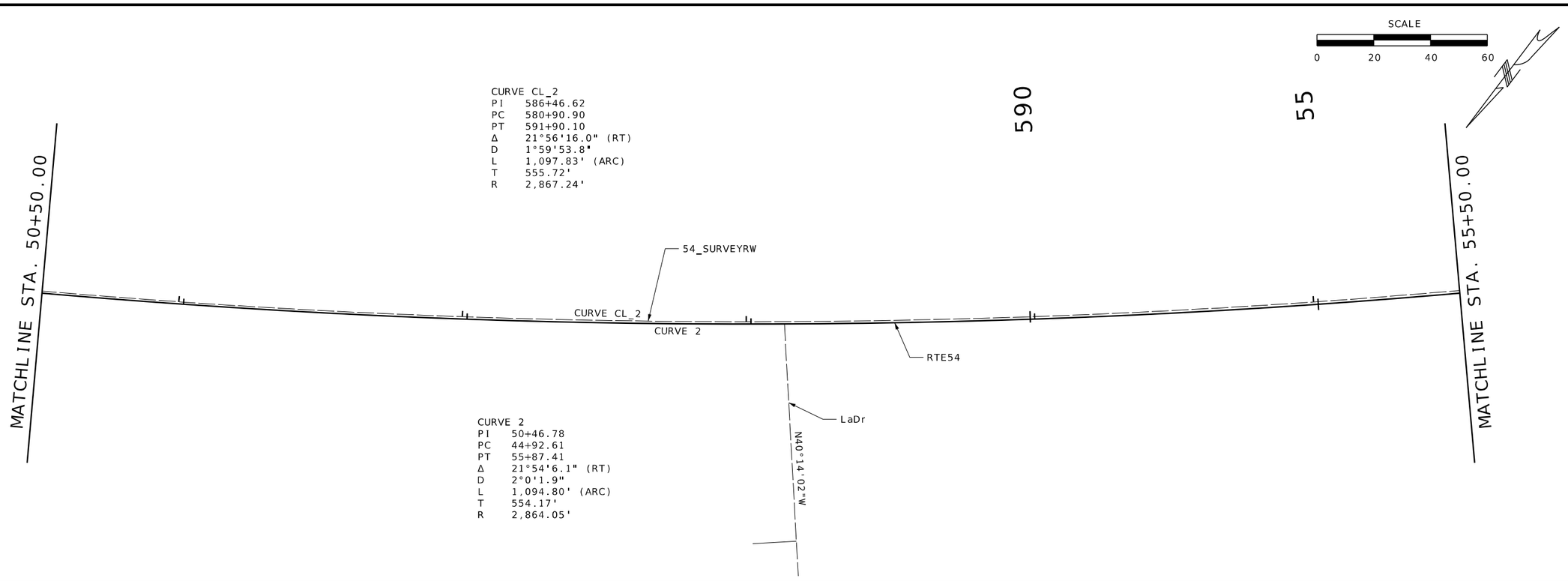
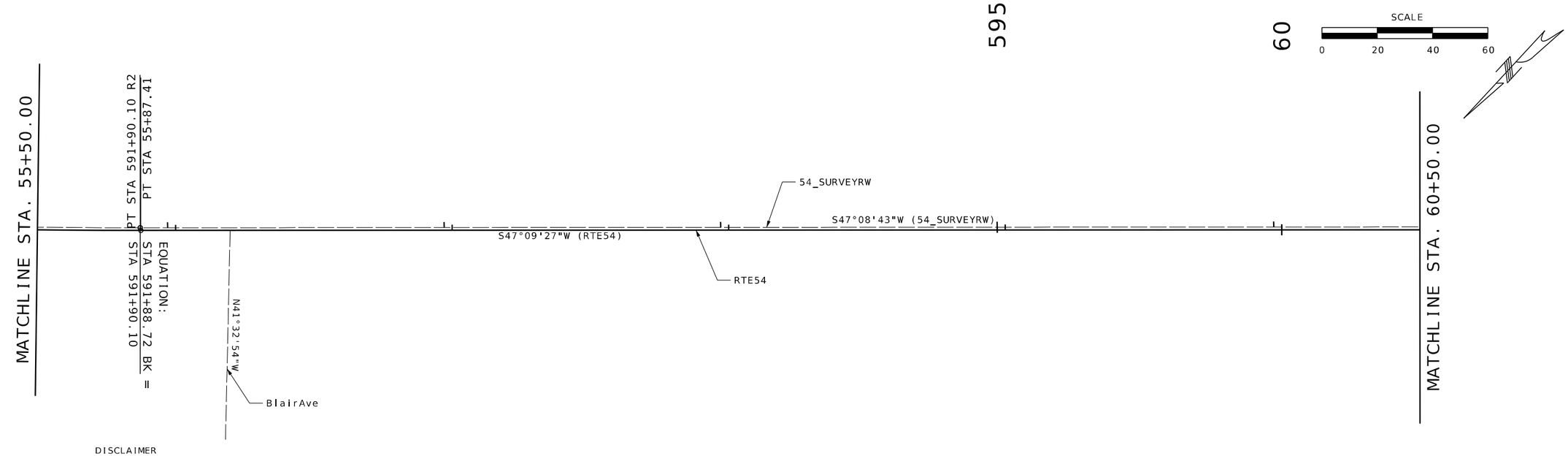
CORPORATE LICENSE #2002006608





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ALIGNMENT DETAILS
SHEET 5 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:37 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	46

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

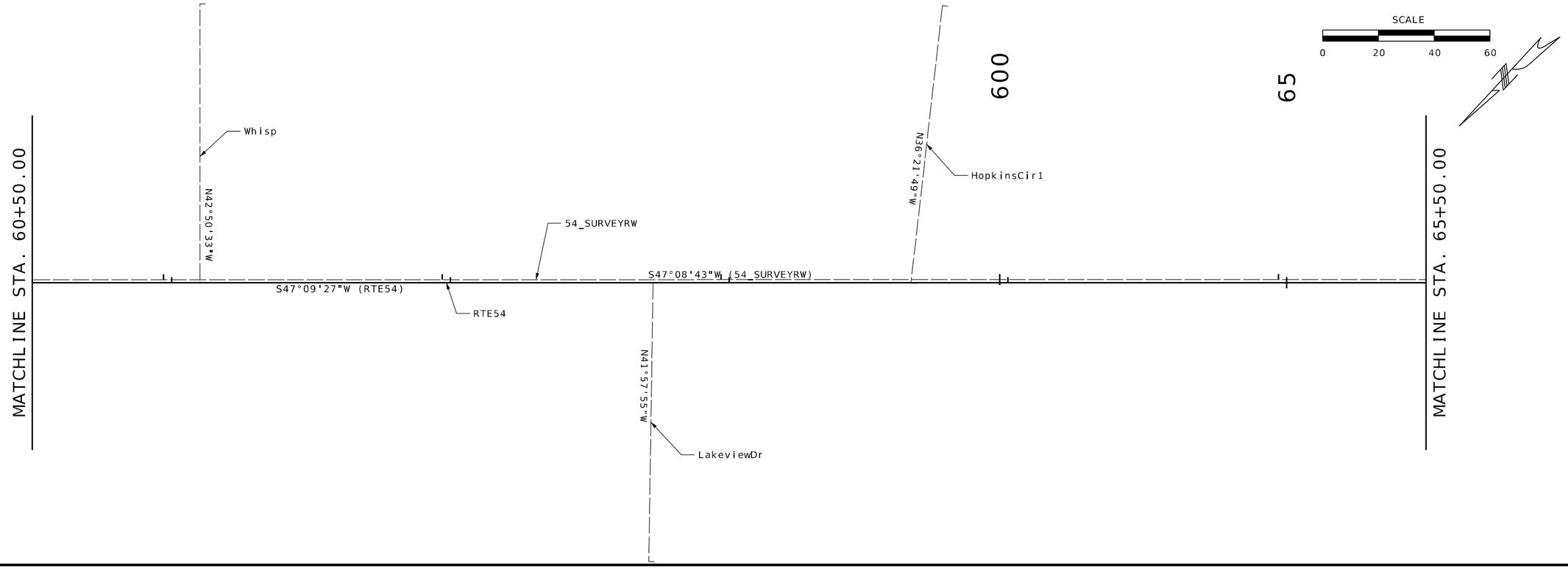
DESCRIPTION	DATE

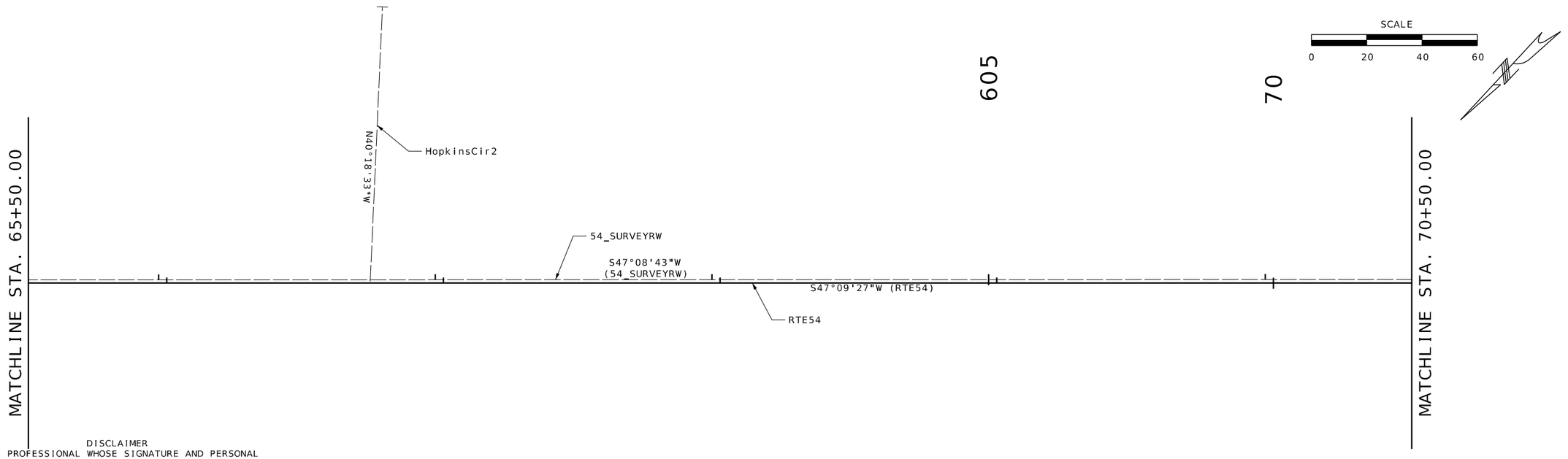
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen





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ALIGNMENT DETAILS
SHEET 6 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:37 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	47

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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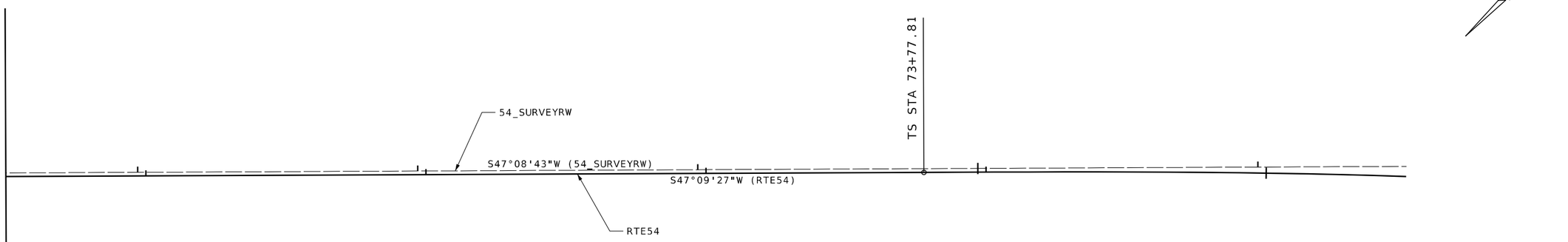
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\047_SS_06_JP53573_i20.dgn 5:44:19 PM 4/13/2025



PI 75+11.16
Ls 200.00'
Ys 3.49'
Xs 199.95'
LT 133.35'
ST 66.68'

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ALIGNMENT DETAILS
SHEET 7 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:19:37 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	48

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

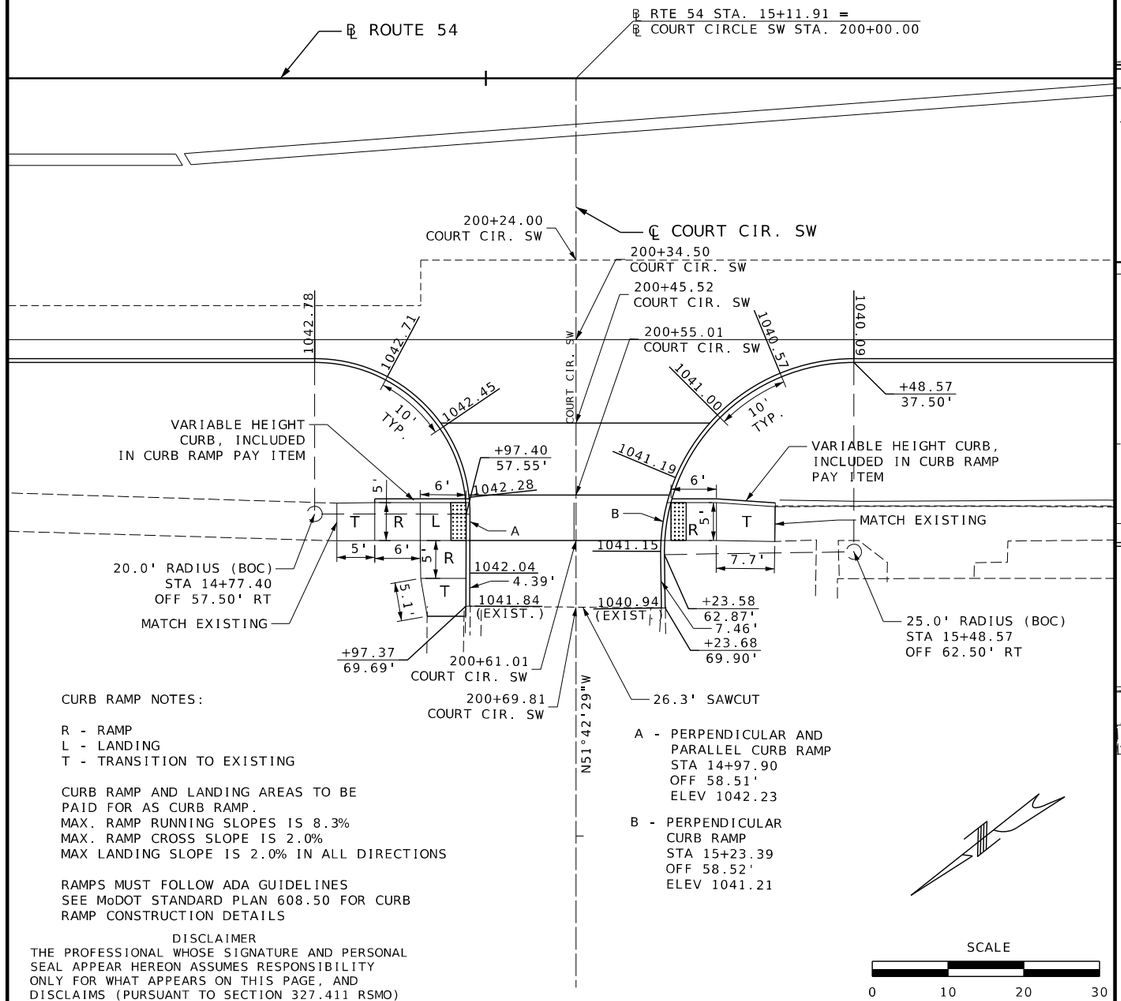
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

GENERAL NOTES:

1. ALL STATION/OFFSET/ELEVATIONS ARE REFERENCED TO ROUTE 54 UNLESS OTHERWISE NOTED.
2. ALL STATIONS AND OFFSETS ARE GIVEN FROM THE CONSTRUCTION BASELINE, AND ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
3. ELEVATIONS ARE SHOWN AT FACE OF CURB OR EDGE OF PAVEMENT
4. BOC - BACK OF CURB
   EOP - EDGE OF PAVEMENT
5. ALL ENTRANCES ARE PERPENDICULAR TO THE CONSTRUCTION BASELINE (90°) UNLESS OTHERWISE NOTED.



CURB RAMP NOTES:

R - RAMP
L - LANDING
T - TRANSITION TO EXISTING

CURB RAMP AND LANDING AREAS TO BE PAID FOR AS CURB RAMP.
MAX. RAMP RUNNING SLOPES IS 8.3%
MAX. RAMP CROSS SLOPE IS 2.0%
MAX LANDING SLOPE IS 2.0% IN ALL DIRECTIONS

RAMPS MUST FOLLOW ADA GUIDELINES
SEE MoDOT STANDARD PLAN 608.50 FOR CURB RAMP CONSTRUCTION DETAILS

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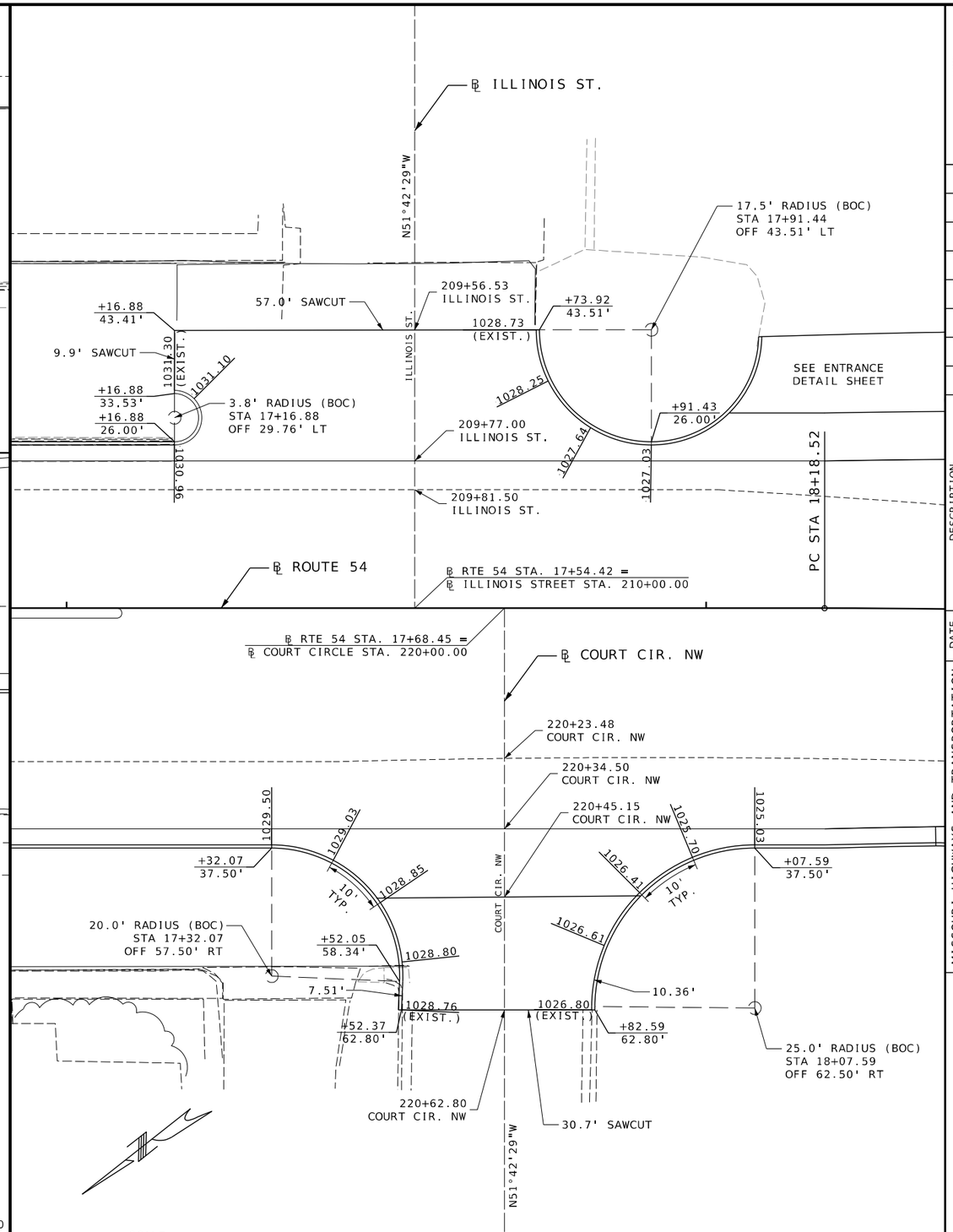

WARPING SHEET
SHEET 1 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:05 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED: 4/17/2025
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 49
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

50.0' RADIUS (BOC)
STA 22+22.31
OFF 81.00' LT.

20.6' SAWCUT

+78.38
68.24'

249+21.62
HHT RD.

+94.20
55.79'

15.0' RADIUS (EOP)
STA 23+05.99
OFF 47.00' LT.

30.0' RADIUS (BOC)
STA 21+83.28
OFF 61.00' LT.

25.1' SAWCUT

229+44.45
POPLAR ST.

+54.80
55.49'

2.00'

+29.74
54.09'

20.0' RADIUS (BOC)
STA 21+10.59
OFF 51.00' LT.

1008.78 (EXIST.)
1008.61
0.00 (EXIST.)
10' TYP.
1008.76
R 30.5'
1007.85
R 20.5'
229+61.43 POPLAR ST.
1007.22
10' TYP.
+83.28
31.00'
+22.31
31.00'
11.12'
+56.16
45.44'
1004.67
1004.68
1004.67
HA HA TONKA RD.
1004.13
0.00 (EXIST.)
2.79'
1004.14
10' TYP.
+05.89
32.00'
1003.82
1004.01
1004.66
1004.72
1005.06
1006.31
1006.72
1008.85
249+51.57
HHT RD.
+10.59
31.00'
1009.19
1008.99
1008.81
5.27'
229+71.58
POPLAR ST.
249+64.25
HHT RD.

℄ POPLAR ST.

SAWCUT

229+93.42
POPLAR ST.

249+92.71
HHT RD.

℄ RTE 54 STA. 22+39.17 =
℄ HA HA TONKA ROAD STA. 250+00.00

80°00'00"

128°49'33"

54°35'00"

℄ RTE 54 STA. 21+51.98 =
℄ POPLAR ST. STA. 230+00.00

℄ ROUTE 54

℄ RTE 54 STA. 22+24.62 =
℄ HA HA TONKA CUT THRU STA. 240+00.00

240+28.94
HHT CT.

℄ HA HA TONKA CUT THRU

SAWCUT

1006.57
1006.05
1005.35
+32.63
31.00'
10' TYP.
1004.09
240+34.51
HHT CT.
1003.02
1003.04
1002.94
1002.87
3.33'
+45.90
31.00'
240+46.91
HHT CT.
1002.96
1002.71
1002.11
+03.43
52.02'
25.0' RADIUS (BOC)
STA 21+32.63
OFF 56.00' RT.
+57.71
62.35'
1002.24
6.79'
0.00 (EXIST.)
HA HA TONKA CUT THRU
1001.33
1000.55
240+88.97
HHT C.T.
0.00 (EXIST.)
10' TYP.
+82.00
79.81'
28.6' SAWCUT
50.0' RADIUS (BOC)
STA 22+45.90
OFF 81.00' RT.

SCALE
0 10 20 30

WARPING SHEET
SHEET 2 OF 7

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STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:05 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	50

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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SCALE
0 10 20 30

259+29.62
MORGAN ST.

+29.15
70.23'

20.0' SAWCUT

30.0' RADIUS (BOC)
STA 27+94.64
OFF 62.50' LT.

0.00 (EXIST.)
0.00 (EXIST.)

+48.13
63.90'

+23.20
53.33'

1004.69
1003.48
1003.93
1002.05
1003.31
1003.22
1001.27
1003.78
1003.52
1000.57

MORGAN ST.

10.0' RADIUS (BOC)
STA 28+51.80
OFF 40.99' LT.

+41.80
44.21'

6.90'

259+60.09
MORGAN ST.

259+70.59
MORGAN ST.

259+84.91
MORGAN ST.

℄ MORGAN ST.

107°48'23"

℄ RTE 54 STA. 28+17.30 =
℄ MORGAN STREET STA. 260+00.00

℄ ROUTE 54

℄ RTE 54 STA. 28+26.93 =
℄ MITCHELL ROAD STA. 270+00.00

℄ MITCHELL RD.

270+19.61
MITCHELL RD.

270+28.00
MITCHELL RD.

1002.61
1002.67
999.64
999.99
999.96

+91.43
31.00'

10' TYP.

+62.43
31.00'

6.00

28+26.93
MITCHELL RD.

SEE ENTRANCE
DETAIL SHEET

12.32'

12.44'

999.83
998.73

+11.43
51.00'

+42.43
51.00'

20.0' RADIUS (BOC)
STA 27+91.43
OFF 51.00' RT.

20.0' RADIUS (BOC)
STA 28+62.43
OFF 51.00' RT.

997.96
997.04

MITCHELL RD.

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SCALE
0 10 20 30

279+01.90
PANORAMIC RD.

+63.82
91.71'

20.0' SAWCUT

50.0' RADIUS (EOP)
STA 37+02.48
OFF 82.00' LT.

10' TYP.

953.44 (EXIST.)
953.11 (EXIST.)

+81.56
82.52'

954.14
954.26
955.00
955.35
955.87
956.44
956.74
957.32
957.56
957.72
957.79
958.10
958.32
958.44
958.60

10.68'

+77.27
74.04'

30.0' RADIUS (EOP)
STA 38+04.01
OFF 60.50' LT.

+46.88
59.01'

PANORAMIC RD.

+02.48
32.00'

11.47'

279+57.21
PANORAMIC RD.

279+68.47
PANORAMIC RD.

+04.04
31.00'

957.77

279+80.86
PANORAMIC RD.

℄ PANORAMIC RD.

117°22'46"

℄ ROUTE 54

℄ RTE 54 STA. 37+27.59 =
℄ PANORAMIC DRIVE STA. 280+00.00

WARPING SHEET
SHEET 3 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:05 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	51

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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℄ RTE 54 STA. 48+15.85 =
℄ LAKE ROAD STA. 290+00.00

℄ ROUTE 54

80°00'00"

℄ LAKE RD.

290+17.26
LAKE RD.

290+28.43
LAKE RD.

290+38.58
LAKE RD.

+41.32
31.00'

4.88'

+72.34
31.00'

10' TYP.

0.5'

+69.58
46.00'

+91.80
48.17'

+86.78
53.86'

+17.37
50.57'

20.0' RADIUS (BOC)
STA 47+72.34
OFF 51.00' RT.

30.0' RADIUS (BOC)
STA 48+41.32
OFF 56.00' RT.

STA. 290+60.88
OFF 37.09' RT.
LAKE ROAD
943.64

STA. 290+90.12
OFF 33.12' RT.
LAKE ROAD
944.56

+84.21
84.30'

+88.92
89.41'

8.11'

+88.83
96.74'

18.5' SAWCUT

+06.49
99.84'

291+00.00
LAKE RD.

10' TYP.

943.34
943.11
943.02
943.01
942.86
942.74
942.69
942.66
942.62 (EXIST.)
942.28
942.23
942.16
942.12
942.13
942.25
942.40 (EXIST.)
941.83
941.52
941.41

LAKE RD.

SCALE
0 10 20 30

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℄ RTE 54 STA. 53+11.81 =
℄ L.A. DRIVE STA. 300+00.00

℄ ROUTE 54

92°54'17"

℄ L.A. DR.

300+17.02
L.A. DR.

300+28.04
L.A. DR.

300+38.05
L.A. DR.

+74.32
31.00'

10' TYP.

0.5'

+83.24
46.00'

+98.71
44.16'

+83.81
54.40'

+91.79
56.62'

+85.68
56.32'

+55.02
31.00'

2.82'

+25.71
62.82'

30.0' RADIUS (BOC)
STA 52+74.32
OFF 61.00' RT.

30.0' RADIUS (BOC)
STA 53+55.02
OFF 61.00' RT.

STA. 300+68.48
OFF 34.84' RT.
LA DR
944.02

STA. 300+75.92
OFF 34.68' RT.
LA DR
943.82

3.61'

+05.33
77.03'

300+76.59
L.A. DR.

+26.06
75.98'

21.3' SAWCUT

10' TYP.

947.41
947.87
948.08
947.66
946.94
946.18
945.61
945.49 (EXIST.)
950.75
951.32
951.46
950.04
949.08
948.12
947.34
946.89 (EXIST.)

L.A. DR.

SCALE
0 10 20 30

WARPING SHEET
SHEET 4 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/17/2025 3:30:05 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	52

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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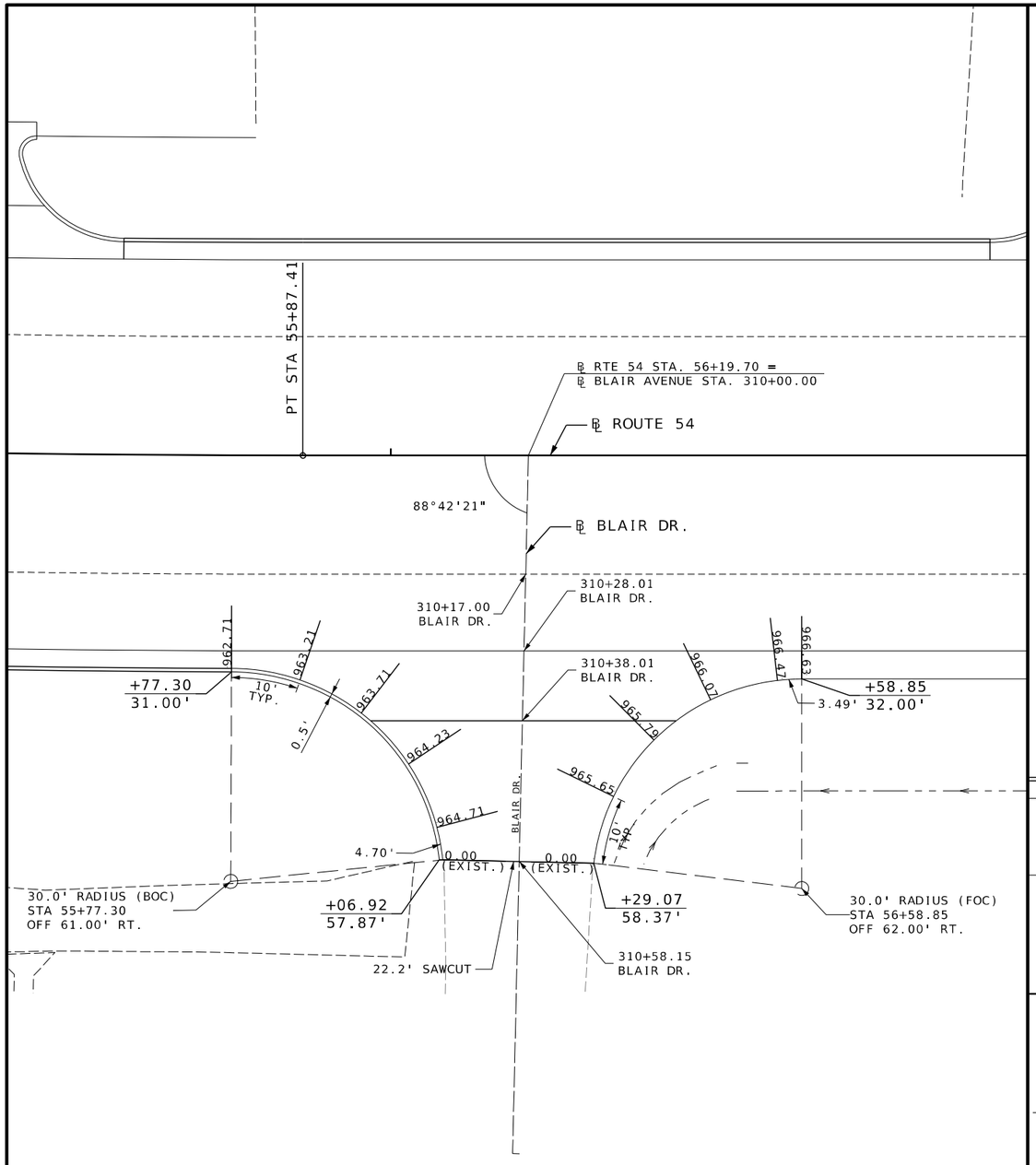
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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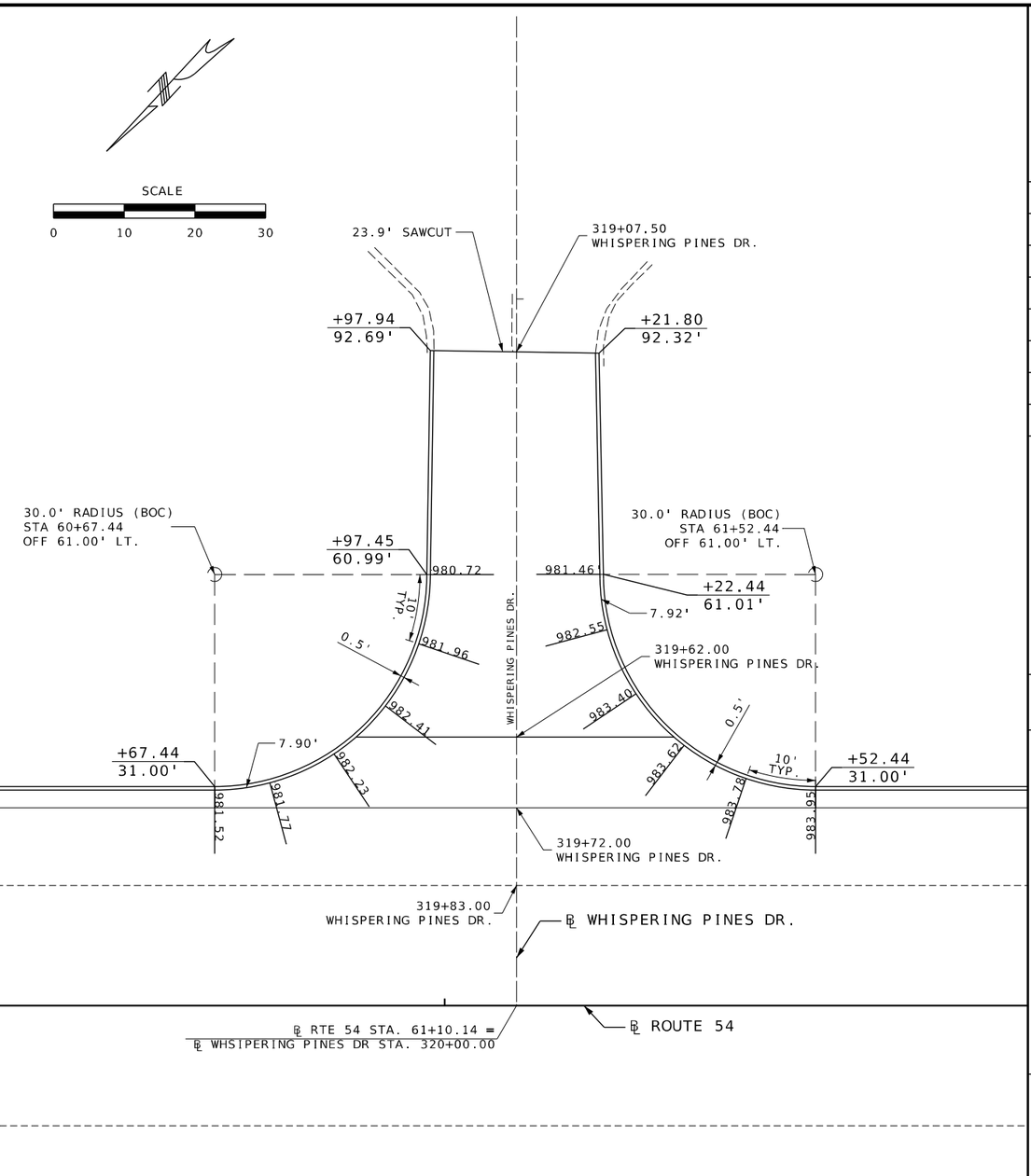
SCALE
0 10 20 30



SCALE
0 10 20 30

WARPING SHEET
SHEET 5 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:05 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	53

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

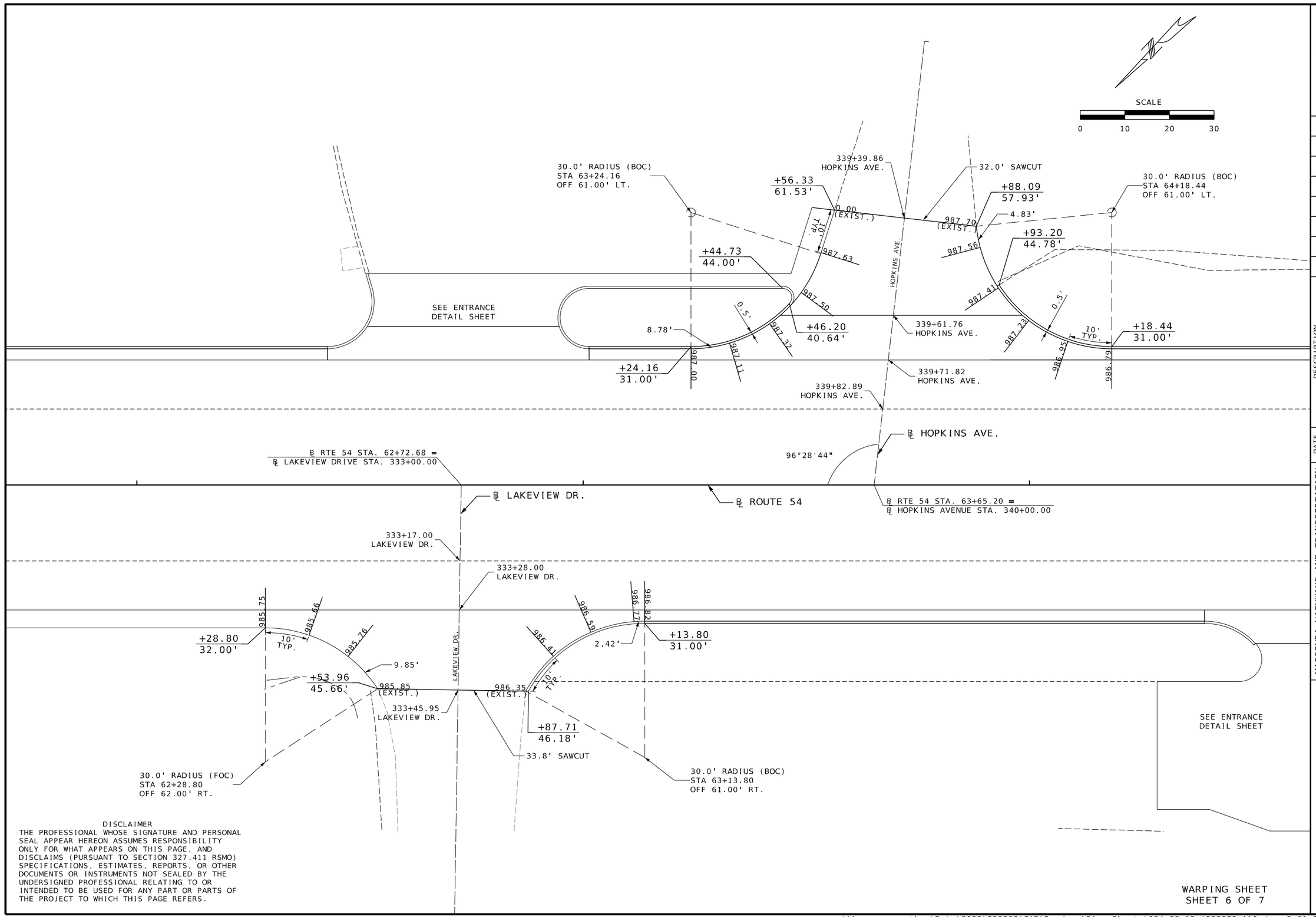
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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WARPING SHEET
SHEET 6 OF 7

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DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	54

COUNTY
CAMDEN

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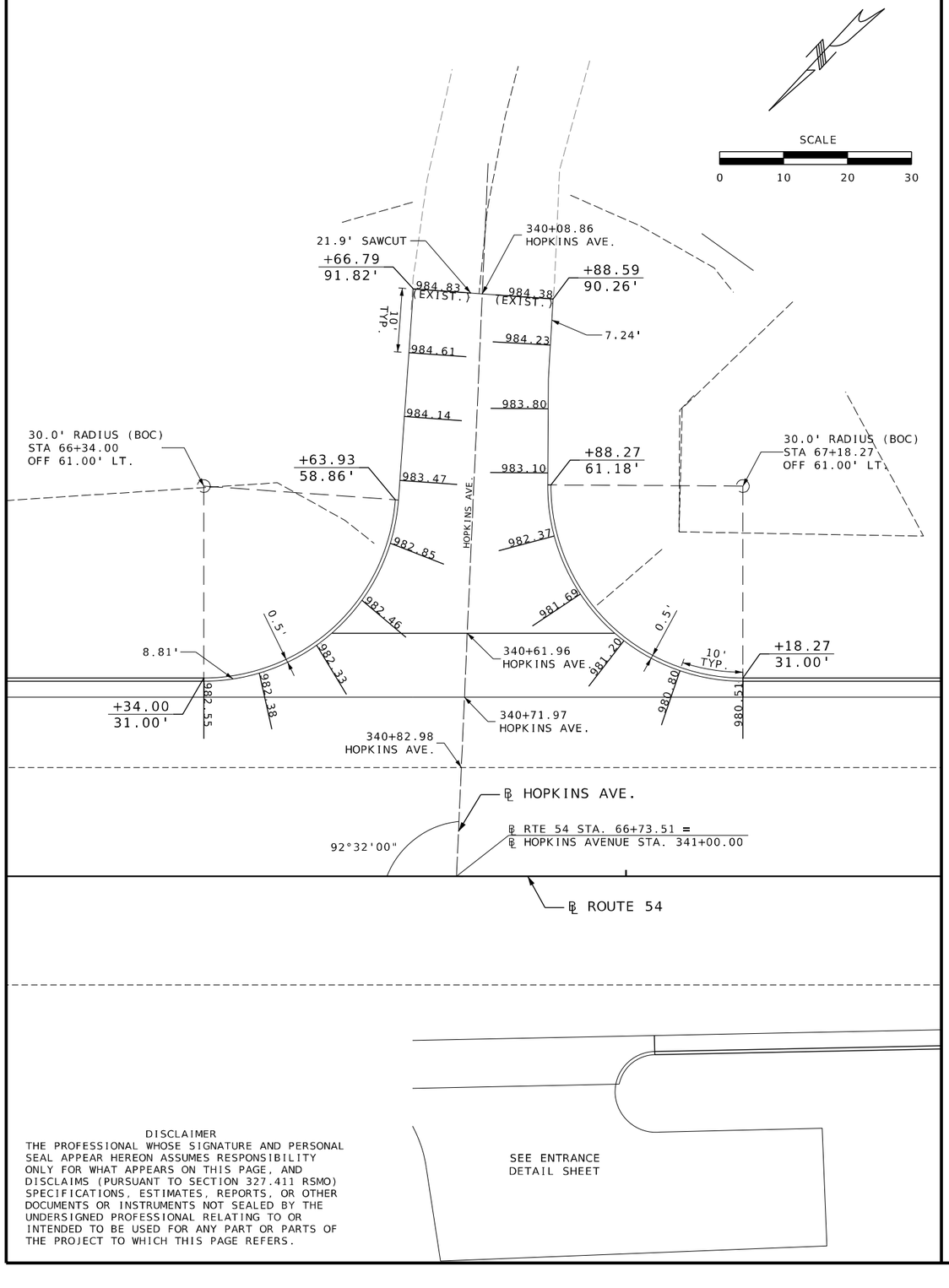
HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\054_SS_13_J5P3573_i10.dgn 2:01:36 PM 4/17/2025



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WARPING SHEET
SHEET 7 OF 7

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DISTRICT	SHEET NO.
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SUITE 100
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PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO, AND A PART OF, THE CONSTRUCTION OF THIS PROJECT.

ALL STATIONS AND OFFSETS ARE GIVEN FROM THE CONSTRUCTION BASELINE, AND ARE TO THE BACK OF CURB, UNLESS OTHERWISE NOTED.

ALL ENTRANCES ARE PERPENDICULAR TO CONSTRUCTION BASELINE (90 DEGREES) UNLESS OTHERWISE NOTED.

PAVED APPROACH OFFSETS ON SKEWED ENTRANCES FOLLOW ENTRANCE BASELINE.

SCALE
0 20 40 60

OWNER: DOBBINS, G. RICHARD & KAREN SUE (WHITWORTH) (H&W)
(1/2 INT. & LISA DAWN (WHITWORTH) VAN HOOK (1/2 INT.)
PID #13-7.0-25.0-001.0-045-002.000
WD BK-731, PG-701
0.61 AC

BLOCK 5

7
OWNER: BOARDWALK ON 54 LLC
PID #13-7.0-25.0-001.0-032-005.000
WD BK-841, PG-247
0.17 AC

8
OWNER: CAMDENTON REORGANIZED SCHOOL DISTRICT R-III
PID #13-7.0-25.0-001.0-045-001.000
WD BK-480, PG-26
0.45 AC

9
OWNER: SAMUELSON, ROGER A. & JACQUELINE (H&W)
PID #13-7.0-25.0-001.0-045-001.001
WD BK-507, PG-759
0.46 AC

ILLINOIS ST.
(SEE SIDEROAD PROFILE/WARPING SHEETS)

PAVED APPROACH STA. 18+20.61 LT
30.2' W. ASPHALT
EXIST. GRADE 1.60%
PROP. GRADE 2.05%

PAVED APPROACH STA. 18+85.37 LT
30.4' W. ASPHALT
EXIST. GRADE 4.00%
PROP. GRADE 3.60%

PAVED APPROACH STA. 19+58.12 LT
32.5' W. ASPHALT
EXIST. GRADE -1.06%
PROP. GRADE -1.20%

PAVED APPROACH STA. 20+18.85 LT
30.4' W. ASPHALT
EXIST. GRADE 1.02%
PROP. GRADE -1.75%

115.5' SAWCUT
+08.20 42.42'
R 16.78'
+43.48 39.13'
+63.76 39.63'
R 6.32'
R 6.38'
+91.43 26.00'
END CONCRETE PAVED APPROACH OFF 30.5'
+43.75 26.48'
+64.03 26.87'
5.0'
END CONCRETE PAVED APPROACH OFF 33.2'
135.5' SAWCUT
+20.85 50.65'
SAWCUT
+20.96 45.64'
+06.34 45.27'
+35.37 41.42'
+06.69 40.71'
R 6.50'
R 6.59'
+06.97 27.70'
END CONCRETE PAVED APPROACH OFF 31.8'
+35.65 28.25'
+80.68 29.12'
+86.54 51.92'
END CONCRETE PAVED APPROACH OFF 34.4'
+80.44 42.12'
R 6.50'
R 6.50'
+97.24 42.44'
+97.48 29.44'
+40.15 43.27'
R 6.50'
+40.39 30.27'

ROUTE 54
(120' WIDE)

MATCH LINE STA. 20+50

END CONCRETE PAVED APPROACH OFF 42.2'
+36.33 37.06'
+03.33 35.38'
+64.52 33.85'
END CONCRETE PAVED APPROACH OFF 37.9'
+12.21 32.66'
R 20.00'
R 15.00'
R 10.00'
R 10.00'
+92.44 40.15'
+87.76 49.58'
+73.20 38.14'
+75.43 45.55'
+03.77 37.37'
+00.93 47.68'
24.9' SAWCUT
27.1' SAWCUT
+49.47 41.23'
+60.75 56.86'
+86.79 37.50'
R 18.50'
+40.25 37.50'
R 18.50'
+21.74 56.57'
END CONCRETE PAVED APPROACH OFF 42.0'
16.4' SAWCUT
+05.29 56.58'
PAVED APPROACH STA. 16+13.50 RT
14.0' W. CONCRETE
EXIST. GRADE 4.50%
PROP. GRADE 8.77%

PAVED APPROACH STA. 18+59.73 RT
29.3' W. ASPHALT
SKEW 15.0° AH. RT.
EXIST. GRADE -7.02%
PROP. GRADE -5.58%

PAVED APPROACH STA. 19+91.73 RT
30.0' W. ASPHALT
SKEW 4.8° BK. RT.
EXIST. GRADE -6.55%
PROP. GRADE -7.55%

(SEE SIDEROAD PROFILE/WARPING SHEETS)

COURT CIR. NW

80
OWNER: COUNTY OF CAMDEN / COMMISIONER STEVE WEST
PID# 13-7.0-25.0-001.0-031-009.000
ADDRESS: 113W. U.S. HWY 54
DEED BK-481, PG-911
0.26 AC

79
OWNER: EILEEN V. BUTTS (TRUSTEE)
PID# 13-7.0-25.0-001.0-031-008.000
ADDRESS: 133R W. U.S. HWY 54
WD BK-339, PG-619
0.09 AC

78
OWNER: LIGHTHOUSE ASSETS, LLC
PID# 13-7.0-25.0-001.0-031-007.000
ADDRESS: 145 W. U.S. HWY 54
WD BK-863, PG-343
0.34 AC

77
OWNER: CAMDEN COUNTY MO
PID #13-7.0-25.0-001.0-031-002.000
ADDRESS: CAMDEN COUNTY COURTHOUSE
WD BK-422, PG-955 &
WD BK-439, PG-126
3.94 AC

76
OWNER: VICTORIA E. ICENOGLE
PID# 13-7.0-25.0-001.0-031-005.000
ADDRESS: 181 W. U.S. HWY 54
WD BK-429, PG-836
0.21 AC

75
OWNER: STRAFFORD APARTMENTS, LLC
PID #13-7.0-25.0-001.0-031-004.000
ADDRESS: 40 HA HA TONKA CUT THRU
WD BK-792, PG-60
0.44 AC

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ENTRANCE DETAILS
SHEET 1 OF 12

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EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	56

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\056_SS_15_J5P3573_i20.dgn 2:02:00 PM 4/17/2025

OWNER: 2N HOLDINGS, LLC
PID #13-7.0-25.0-001.0-046-001.000
WD BK-891, PG-974
0.18 AC

TRACT 29

(10)
OWNER: DOBBINS, G. RICHARD & KAREN SUE (WHITWORTH) (H&W) (1/2 INT. & LISA DAWN (WHITWORTH) VAN HOOK (1/2 INT.)
PID #13-7.0-25.0-001.0-045-002.000
WD BK-731, PG-701
0.61 AC

(11)
OWNER: 2N HOLDINGS, LLC
PID #13-7.0-25.0-001.0-046-003.000
QCD BK-891, PG-974
0.69 AC

(12)
OWNER: CAMDENTON UNITED METHODIST CHURCH, INC.
PID #13-7.0-25.0-002.0-006-008.000
WD BK-170, PG-216 & WD BK-545, PG-157 & QCD BK-514, PG-393 & WD BK-506, PG'S 830, 831, 832, & 833,
4.91 AC

SCALE
0 20 40 60

POPLAR ST.

HA HA TONKA RD.

(SEE SIDEROAD PROFILE/WARPING SHEETS)

+52.18
53.17'
9.7' SAWCUT
26.7' SAWCUT
39.0' SAWCUT
+52.36
43.50'
+78.37
44.50'
+16.36
44.50'

128°49'33"
80°00'00"
54°35'00"

ROUTE 54
(WIDTH VARIES)

MATCH LINE STA. 20+50

MATCH LINE STA. 25+50

END CONCRETE PAVED APPROACH OFF 37.2'
+95.16
31.00'
R 20.00'
+13.94
42.82'
R 5.00'
+09.49
49.88'
+09.56
51.38'
33.7' SAWCUT

PAVED APPROACH
STA. 24+44.16 RT
28.6' W. ASPHALT
SKEW 16.9° BK. RT.
EXIST. GRADE -11.12%
PROP. GRADE -12.11%

+64.34
38.71'
R 7.61'
+49.07
36.44'
+41.35
61.12'
+64.67
59.03'

END CONCRETE PAVED APPROACH OFF 35.5'
+18.08
31.00'
R 20.00'
+97.53
52.89'
R 5.00'
+02.96
57.43'
+03.05
58.93'
38.5' SAWCUT

PAVED APPROACH
STA. 24+81.06 RT
31.3' W. CONCRETE
EXIST. GRADE -13.95%
PROP. GRADE -13.79%

(75)
OWNER: STRAFFORD APARTMENTS, LLC
PID #13-7.0-25.0-001.0-031-004.000
ADDRESS: 40 HA HA TONKA CUT THRU
WD BK-792, PG-60
0.44 AC

(SEE SIDEROAD PROFILE/WARPING SHEETS)

HA HA TONKA CUT THRU

(74)
OWNER: P & R ENTERPRISES LLC
PID #13-7.0-25.0-002.0-005-024.000
WD BK-766, PG-396
1.16 AC

(73)
OWNER: BEST LOCATION, LLC
PID #13-7.0-25.0-002.0-005-023.000
WD BK-889, PG-881
0.40 AC

(72)
OWNER: JIM C. NUGENT
PID #13-7.0-25.0-002.0-005-029.000
WD BK-874, PG-444
0.78 AC

TRACT 1

LAKE DRIVE ADDITION
REC. IN PLAT BOOK 2, PAGE 10A

LOT 1

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SHEET 2 OF 12

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MO PE-2011015708

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	57

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

TRACT 29

TRACT 28

TRACT 27

12

OWNER: CAMDENTON UNITED METHODIST CHURCH, INC.
PID #13-7.0-25.0-002.0-006-008.000
WD BK-170, PG-216 & WD BK-545, PG-157 & QCD BK-514, PG-393 & WD BK-506, PG'S 830, 831, 832, & 833,
4.91 AC

13

OWNER: STONE CASTLE CENTRE CONDO PROPERTY OWNERS
PID #13-7.0-25.0-002.0-006-009.000
WD BK-499, PG-514
1.40 AC

MORGAN ST.

SCALE
0 20 40 60

(SEE SIDEROAD PROFILE/WARPING SHEETS)

PAVED APPROACH
STA. 30+10.36 LT
42.0' W. ASPHALT
EXIST. GRADE -1.11%
PROP. GRADE 0.04%

30

+90.52
37.67'
R 10.00'

39.4' SAWCUT

+81.09
31.00'

+29.98
37.82'

END CONCRETE PAVED APPROACH OFF 35.5'

R 10.00'

+39.46
31.00'

MATCH LINE STA. 25+50

MATCH LINE STA. 30+50

107°48'23"

ROUTE 54
(80' WIDE)

END CONCRETE PAVED APPROACH OFF 35.5'

END CONCRETE PAVED APPROACH OFF 35.5'

+54.45
31.00'
R 20.00'

+75.09
51.32'

+27.19
31.00'
R 20.00'

+07.09
51.23'

+13.79
31.00'
R 20.00'

+33.79
50.73'

84

OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5 , LAKE DRIVE ADDTION)

84

OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5 , LAKE DRIVE ADDTION)

+74.55
103.47'

+07.63
103.47'

+34.75
85.34'

41.8' SAWCUT

PAVED APPROACH
STA. 30+47.83 RT
29.4' W. ASPHALT
EXIST. GRADE -14.10%
PROP. GRADE -15.01%

LOT 2

72

OWNER: JIM C. NUGENT
PID #13-7.0-25.0-002.0-005-029.000
WD BK-874, PG-444
0.78 AC

PAVED APPROACH
STA. 26+91.09 RT
31.0' W. ASPHALT
EXIST. GRADE -13.40%
PROP. GRADE -15.00%

OWNER: WEST FORK FOUR DEVELOPMENT, LLC
PID #13-7.0-25.0-002.0-005-022.000
WD BK-862, PG-720
0.28 AC

70

OWNER: WEST FORK FOUR DEVELOPMENT, LLC
PID #13-7.0-25.0-002.0-005-021.000
WD BK-863, PG-887
1.11 AC

OWNER: CITY OF CAMDENTON MO
PID #13-7.0-25.0-002.0-005-020.000
(NO DEED)
1.08 AC

(SEE SIDEROAD PROFILE/WARPING SHEETS)

68

OWNER: WEST FORK FOUR DEVELOPMENT, LLC
PID #13-7.0-25.0-002.0-005-021.001
WD BK-863, PG-887 &WD BK-862, PG-720
1.59 AC

67

OWNER: CINKOSKY, RICHARD & LISA (H&W)
PID #13-7.0-25.0-002.0-005-019.001
WD BK-854, PG-569
4.36 AC

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	58

COUNTY
CAMDEN

JOB NO.
J5P3573

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PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

SCALE
0 20 40 60

13
OWNER: STONE CASTLE CENTRE CONDO PROPERTY OWNERS
PID #13-7.0-25.0-002.0-006-009.000
WD BK-499, PG-514
1.40 AC

14
OWNER: JD INDUSTRIES, LLC
PID #13-7.0-25.0-002.0-006-010.000
WD BK-788, PG-564
1.56 AC

15
OWNER: PSALM 4610 LLC
PID #13-7.0-25.0-002.0-006-011.000
WD BK-881, PG-541
1.88 AC

OWNER: GARDNER COMMERCIAL GROUP, LLC
PID #13-7.0-25.0-002.0-006-012.000
WD BK-860, PG-8
0.94 AC

16

PAVED APPROACH
STA. 30+84.42 LT
24.9' W. ASPHALT
SKEW 19.0° AH. LT.
EXIST. GRADE -4.54%
PROP. GRADE -7.04%

PAVED APPROACH
STA. 35+46.74 LT
50.0' W. CONCRETE
EXIST. GRADE -2.75%
PROP. GRADE -1.65%
24" PIPE

PAVED APPROACH
STA. 35+46.60 LT
SKEW 37.8° BK. LT.
20.1' W. CONCRETE
EXIST. GRADE 2.94%
PROP. GRADE 3.56%
24" PIPE

END CONCRETE PAVED APPROACH OFF 42.0'

END CONCRETE PAVED APPROACH OFF 40.2'

END CONCRETE PAVED APPROACH OFF 49.5'

MATCH LINE STA. 30+50

MATCH LINE STA. 35+50

ROUTE 54
(80' WIDE)

END CONCRETE PAVED APPROACH OFF 35.5'

END CONCRETE PAVED APPROACH OFF 38.0'

END CONCRETE PAVED APPROACH OFF 35.5'

END CONCRETE PAVED APPROACH OFF 35.5'

84
OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5, LAKE DRIVE ADDTION)

66
OWNER: CITY OF CAMDENTON MO
PID #13-7.0-25.0-002.0-005-018.000
WD BK-581, PG-7
4.80 AC

65
OWNER: KHOR, KEE LONG & MEI YUEN (H&W)
PID #13-7.0-25.0-002.0-005-017.000
WD BK-515, PG-176
0.75 AC

84
OWNER: CITY OF CAMDENTON
PID #N/A
QCD BK-69, PG-3
(3' STRIP ACROSS TRACT'S 1,2,3,4, & 5, LAKE DRIVE ADDTION)

64
OWNER: BIG OAK STORAGE, LLC
PID #13-7.0-25.0-002.0-005-016.000
WD BK-577, PG-441
4.29 AC

67
OWNER: CINKOSKY, RICHARD & LISA (H&W)
PID #13-7.0-25.0-002.0-005-019.001
WD BK-854, PG-569
4.36 AC

PAVED APPROACH
STA. 31+86.55 RT
24.0' W. ASPHALT
EXIST. GRADE -8.10%
PROP. GRADE -10.03%

PAVED APPROACH
STA. 33+17.94 RT
25.0' W. ASPHALT
EXIST. GRADE -3.13%
PROP. GRADE -2.92%

PAVED APPROACH
STA. 33+75.40 RT
29.9' W. ASPHALT
EXIST. GRADE 0.85%
PROP. GRADE -1.65%

PAVED APPROACH
STA. 34+85.15 RT
21.6' W. ASPHALT
EXIST. GRADE 2.40%
PROP. GRADE 0.86%

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ENTRANCE DETAILS
SHEET 4 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	59

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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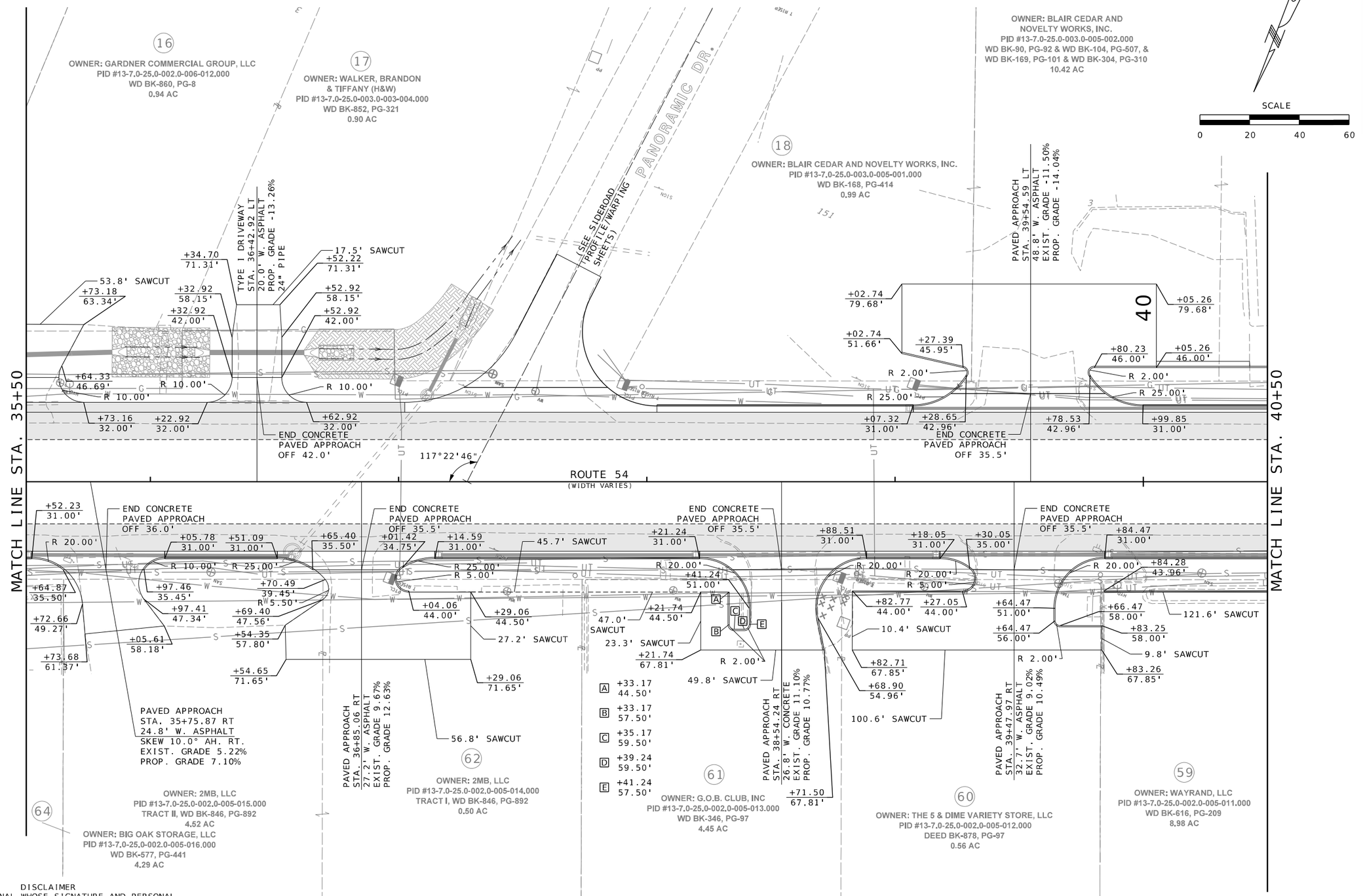

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ENTRANCE DETAILS
SHEET 5 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	60

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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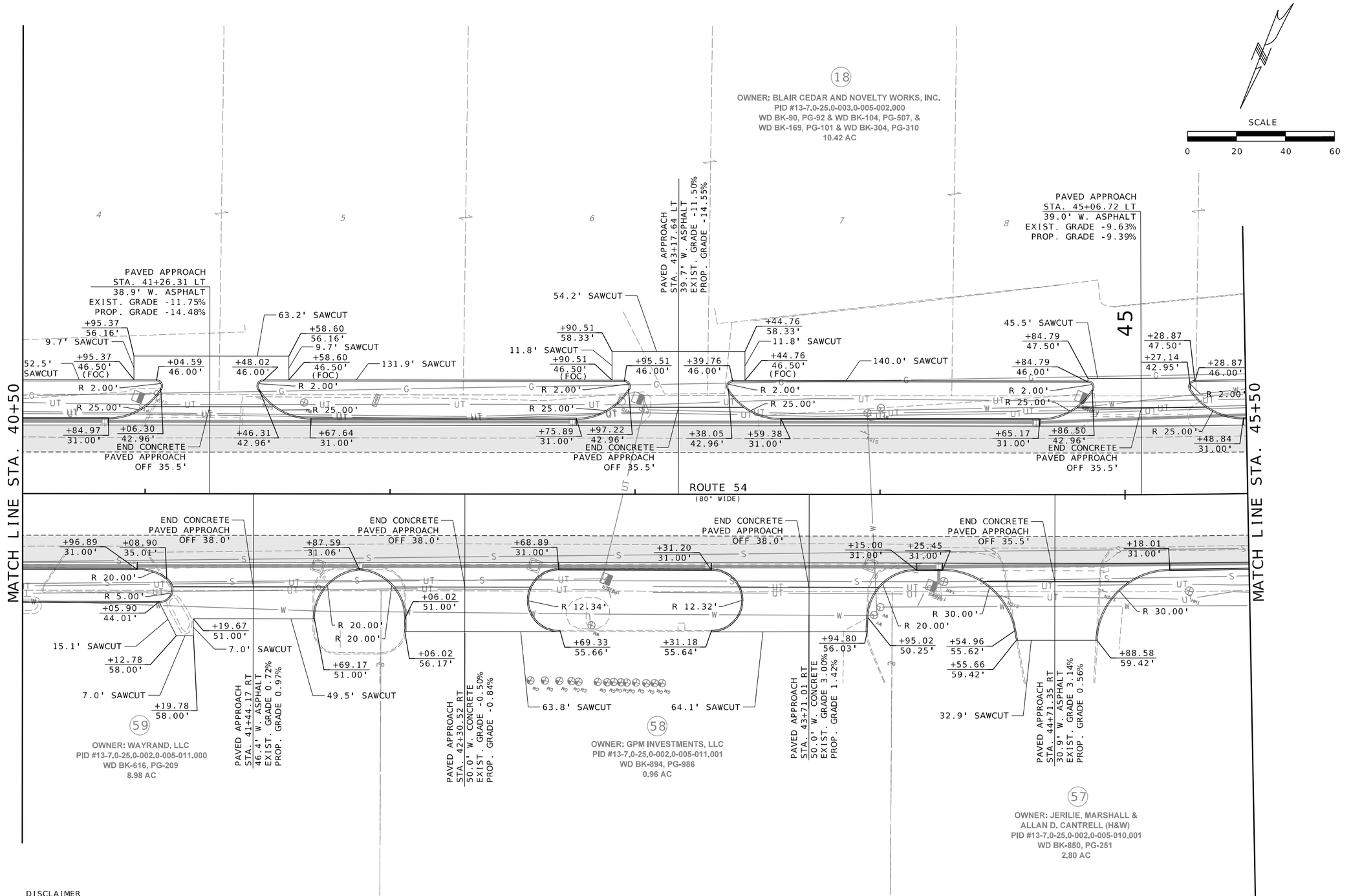

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ENTRANCE DETAILS
SHEET 6 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/17/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 61
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
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SCALE
0 20 40 60

MATCH LINE STA. 45+50

MATCH LINE STA. 50+50

ROUTE 54
(80' WIDE)

18
OWNER: BLAIR CEDAR AND NOVELTY WORKS, INC.
PID #13-7.0-25.0-003.0-005-002.000
WD BK-90, PG-92 & WD BK-104, PG-507, &
WD BK-169, PG-101 & WD BK-304, PG-310
10.42 AC

20
OWNER: JOHN B. OWENS
PID #13-7.0-25.0-003.0-005-004.000
WD BK-625, PG-470
1.04 AC

56
OWNER: HINRICHS, MARC & KELLY (H&W)
PID #13-7.0-25.0-003.0-004-001.000
WD BK-811, PG-79
0.69 AC

57
OWNER: JERILIE, MARSHALL &
ALLAN D. CANTRELL (H&W)
PID #13-7.0-25.0-002.0-005-010.001
WD BK-850, PG-251
2.80 AC

55
OWNER: CAMDENTON AREA
CHAMBER OF COMMERCE, INC.
PID #13-7.0-25.0-003.0-004-002.000
WD BK-600, PG-918
0.39 AC

54
OWNER: DULLE, JIM & CHRISTY (H&W)
PID #13-7.0-25.0-003.0-004-003.000
WD BK-554, PG-222
0.60 AC

53
OWNER: CASEY'S MARKETING COMPANY
PID #13-7.0-26.0-004.0-001-001.001
WD BK-554, PG-223 & WD BK-411, PG-588
0.87 AC

OWNER: DULLE, JIM & CHRISTY (H&W)
PID #13-7.0-26.0-004.0-001-001.000
WD BK-550, PG-758
2.10 AC

PAVED APPROACH
STA. 46+10.74 LT
53.0' W. CONCRETE
EXIST. GRADE -6.30%
PROP. GRADE -9.22%

PAVED APPROACH
STA. 46+49.93 RT
43.1' W. ASPHALT
EXIST. GRADE -3.47%
PROP. GRADE -4.64%

PAVED APPROACH
STA. 49+31.35 RT
42.6' W. ASPHALT
EXIST. GRADE -9.20%
PROP. GRADE -12.00%

PAVED APPROACH
STA. 48+72.22 LT
27.5' W. ASPHALT
EXIST. GRADE -13.60%
PROP. GRADE -12.82%

54.7' SAWCUT
7.3' SAWCUT
47.7' SAWCUT
160.1' SAWCUT
35.9' SAWCUT
7.5' SAWCUT
9.5' SAWCUT
14.4' SAWCUT
6.3' SAWCUT
41.3' SAWCUT

+84.42 46.00'
+84.33 51.92'
+86.42 43.69'
+33.64 52.23'
+36.59 35.76'
+45.23 31.00'
+71.37 31.00'
+11.64 31.00'
+25.80 34.68'
+88.27 31.00'
+74.20 34.63'
+76.56 44.02'
+76.37 50.00'
+12.17 50.13'
+23.42 44.06'
+02.31 31.00'
+02.65 36.98'
+93.28 38.08'
+94.96 73.93'
+20.83 72.79'
+30.12 72.44'
+95.89 28.00'
+68.56 73.07'
+60.40 50.12'
+96.14 114.06'
+16.90 100.75'
+90.70 62.29'
+90.00 42.00'
+08.16 31.00'
+06.04 31.00'
+67.68 31.00'
+87.80 31.00'
+98.39 31.00'
+16.37 33.31'
+21.74 36.75'
+52.98 47.37'
+57.90 51.90'
+30.07 58.01'
+70.63 51.88'
+70.57 58.13'
+30.52 54.36'

R 2.00'
R 15.00'
R 10.00'
R 30.00'
R 5.00'
R 3.00'
R 52.00'
R 20.00'
R 40.00'
R 20.00'
R 15.00'
R 5.00'
R 25.00'
R 25.00'

END CONCRETE PAVED APPROACH OFF 35.5'
END CONCRETE PAVED APPROACH OFF 42.0'
DRWY_49+72.22

80°00'00"

(SEE SIDEROAD PROFILE/WARPING SHEETS)

LAKE ROAD

A RESUBDIVISION OF LOT 12
OF ARNOLD'S SUBD.
REC. IN PB-A, PG-120

12-B

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ENTRANCE DETAILS
SHEET 7 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	62

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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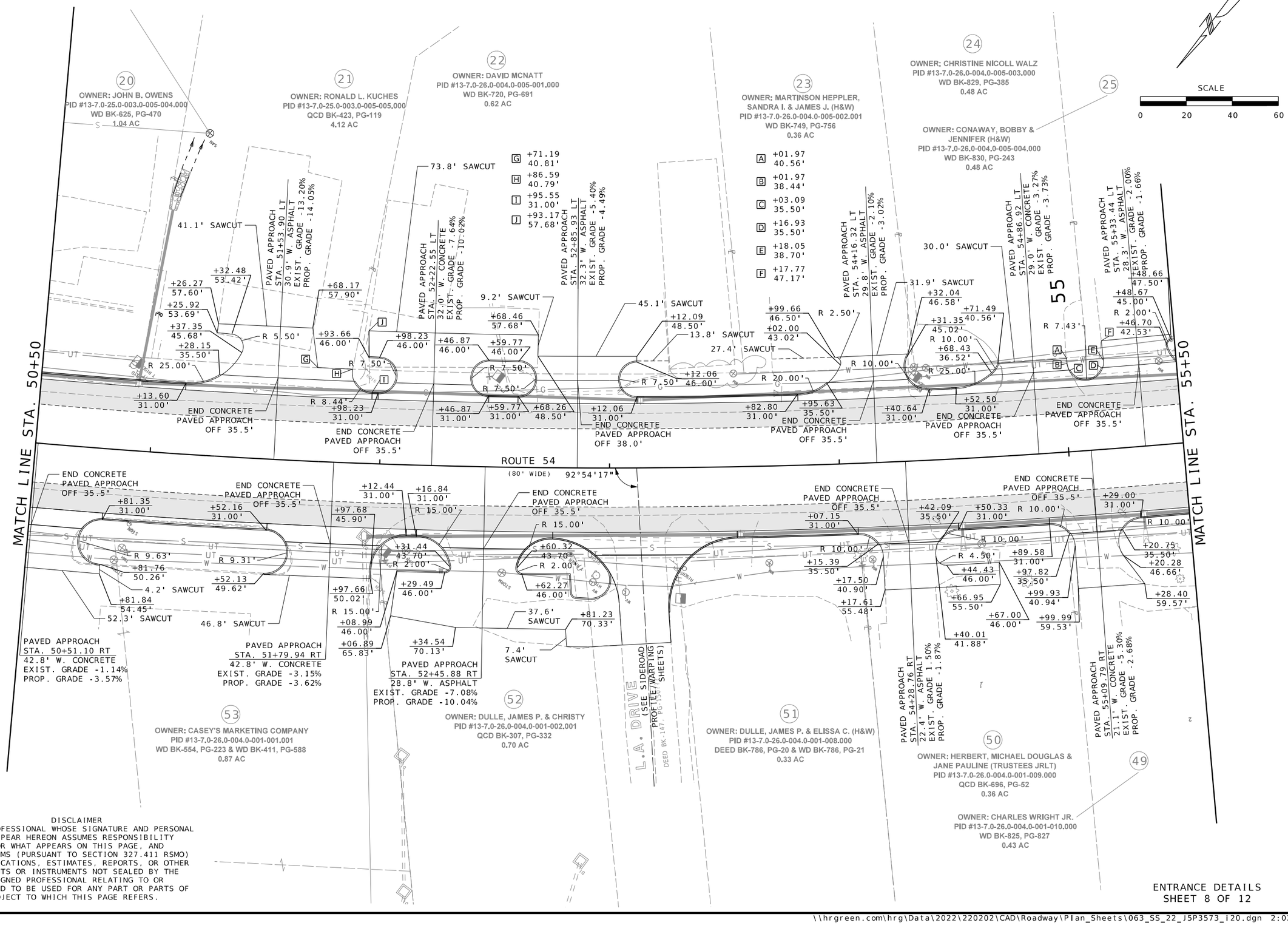

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ENTRANCE DETAILS
SHEET 8 OF 12

STATE OF MISSOURI
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PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	63

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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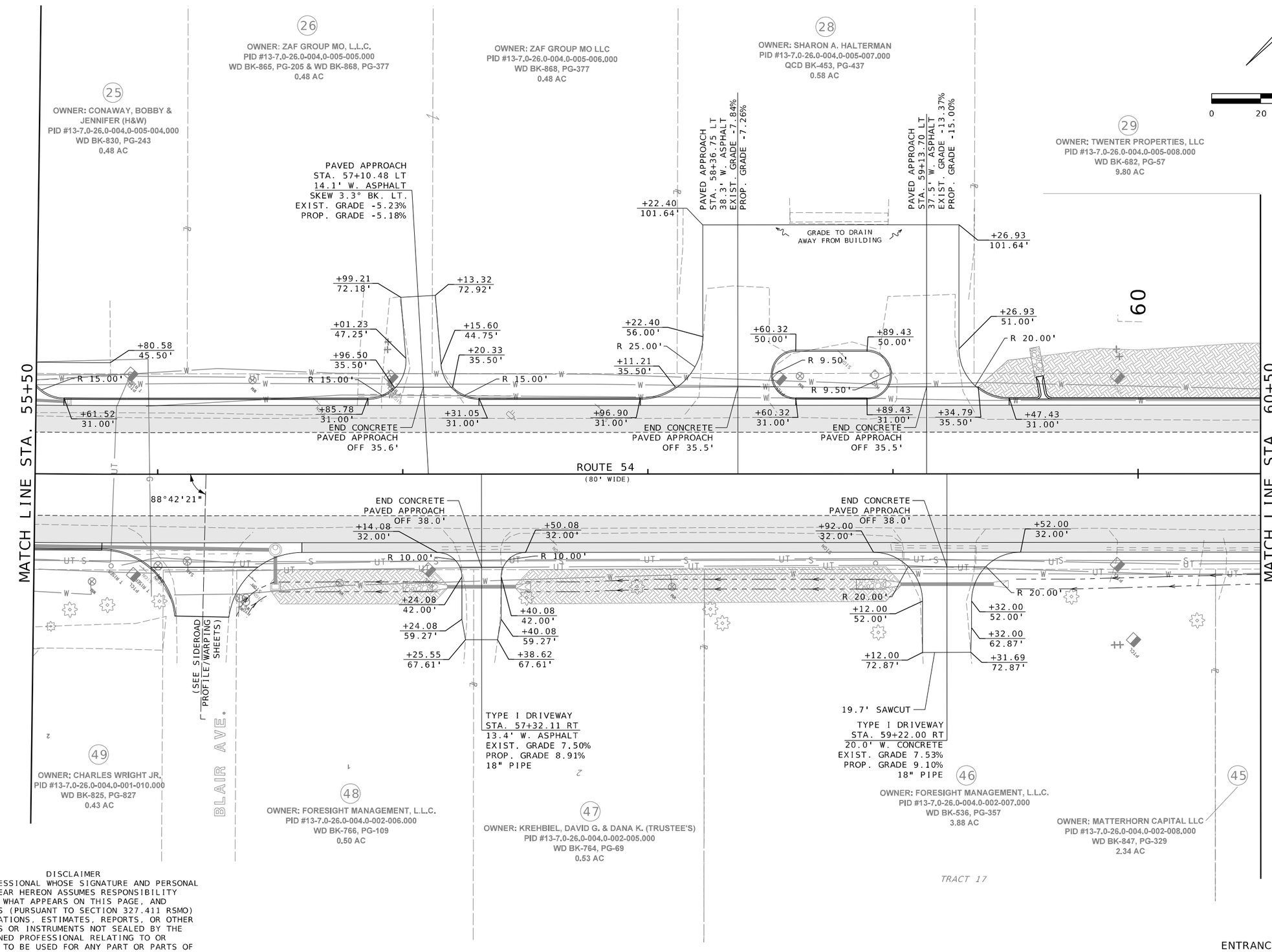

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ENTRANCE DETAILS
SHEET 9 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	64

COUNTY
CAMDEN
JOB NO.
J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
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SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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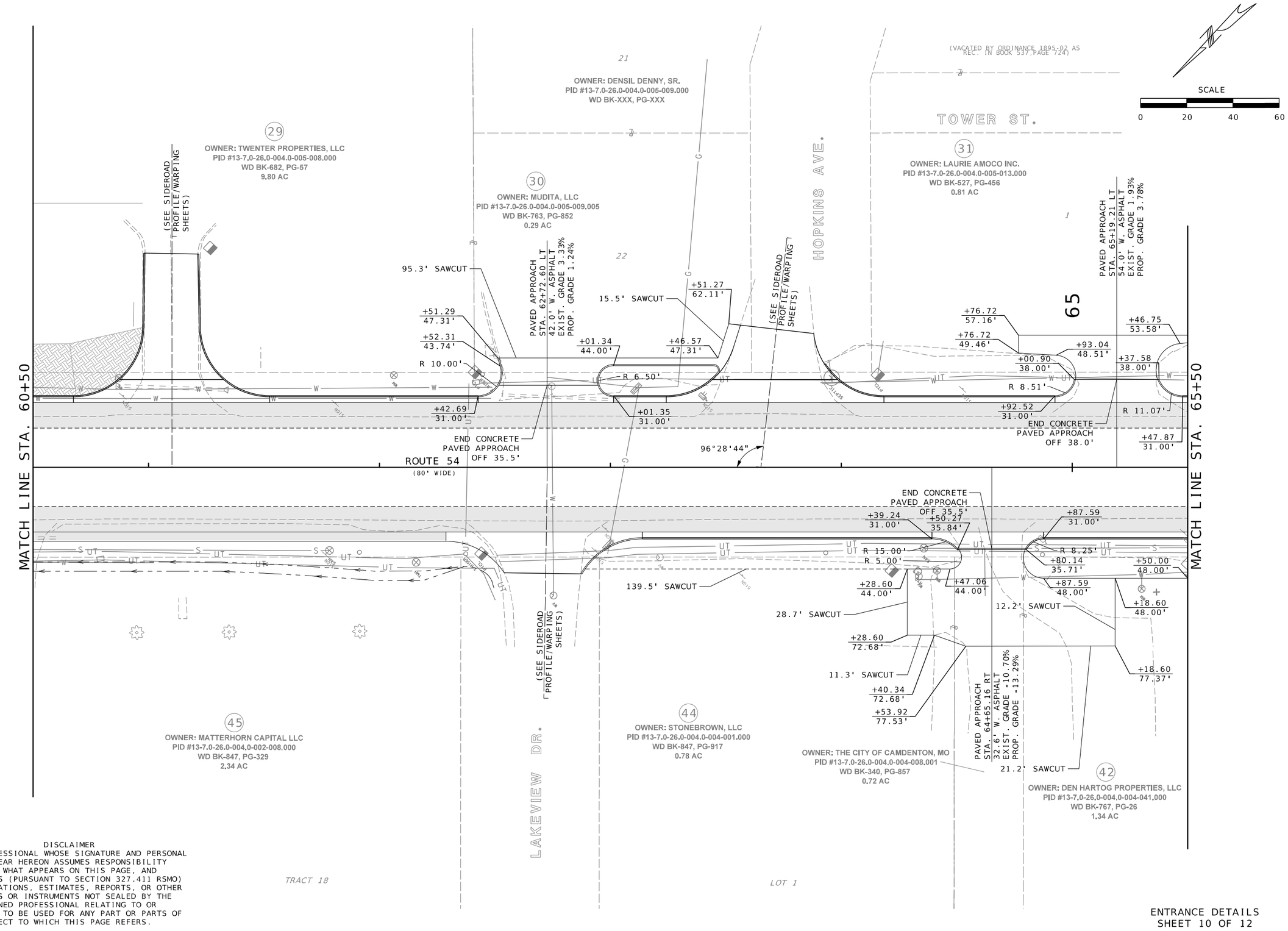

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ENTRANCE DETAILS
SHEET 10 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/17/2025
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 65
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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JEFFERSON CITY, MO 65102
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SUITE 100
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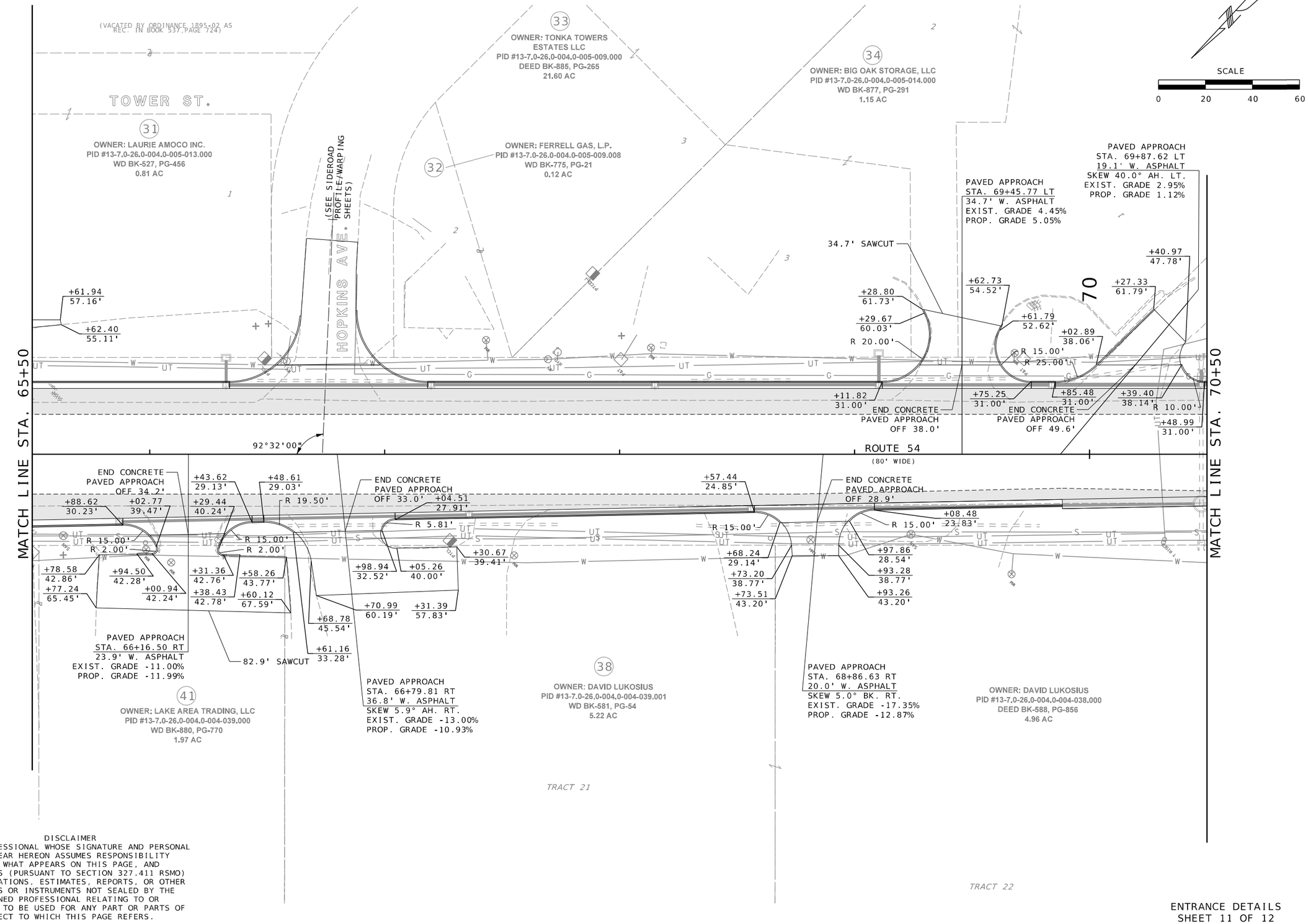

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ENTRANCE DETAILS
SHEET 11 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	66

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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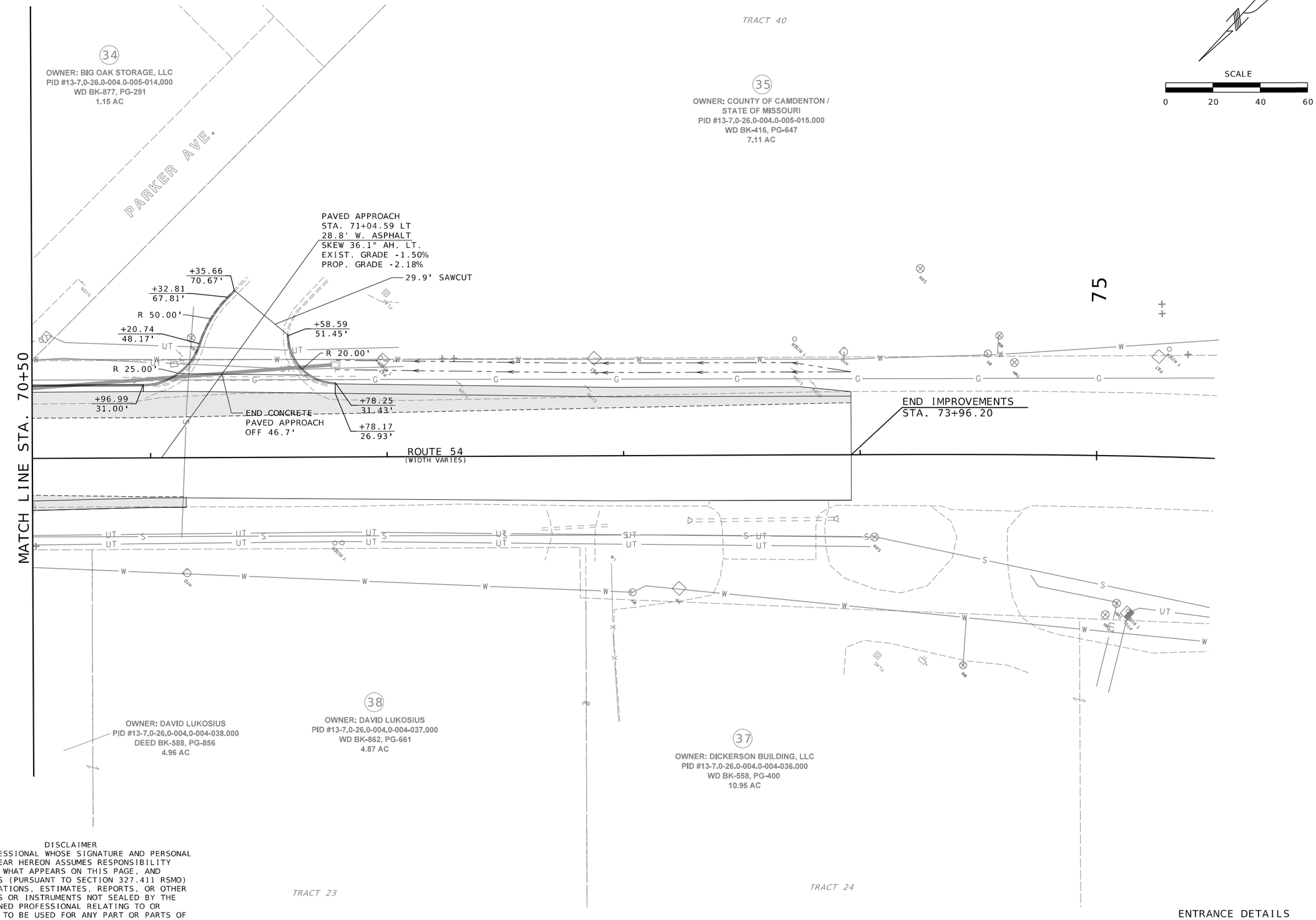

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ENTRANCE DETAILS
SHEET 12 OF 12

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/17/2025 3:30:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	67

COUNTY
CAMDEN

JOB NO.
J5P3573

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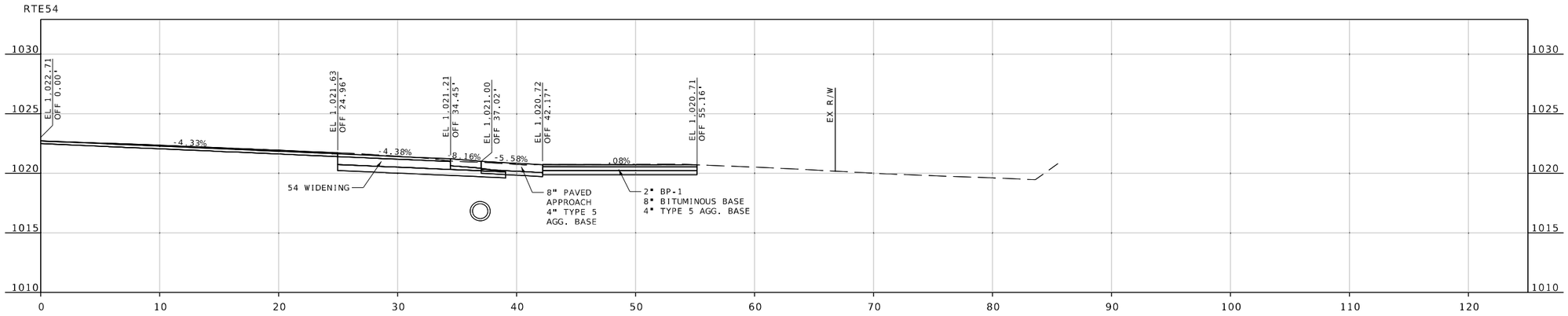
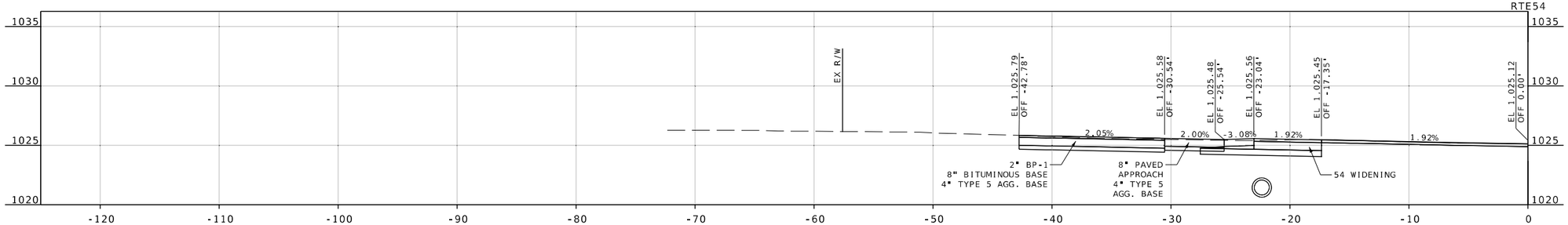
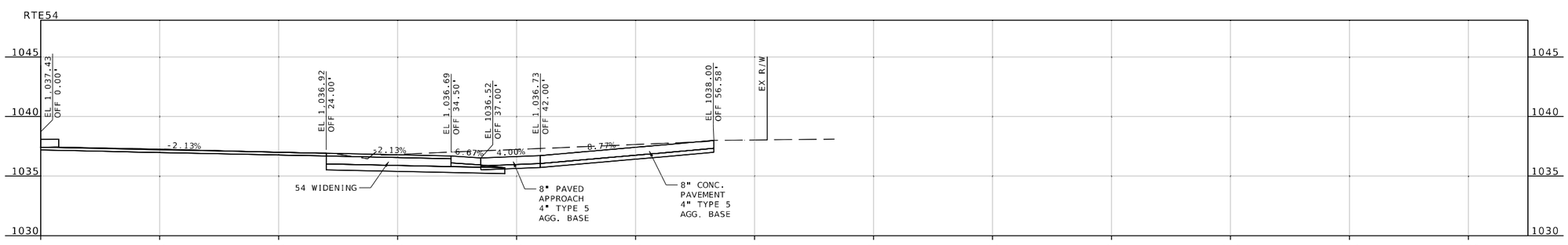


STA 18+59.73
SKEW 15.0° AH. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 18+20.61
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 16+13.50
PAVED APPROACH W/
CONCRETE DRIVEWAY

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ENTRANCE PROFILES
SHEET 1 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:38 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	68

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SUITE 100
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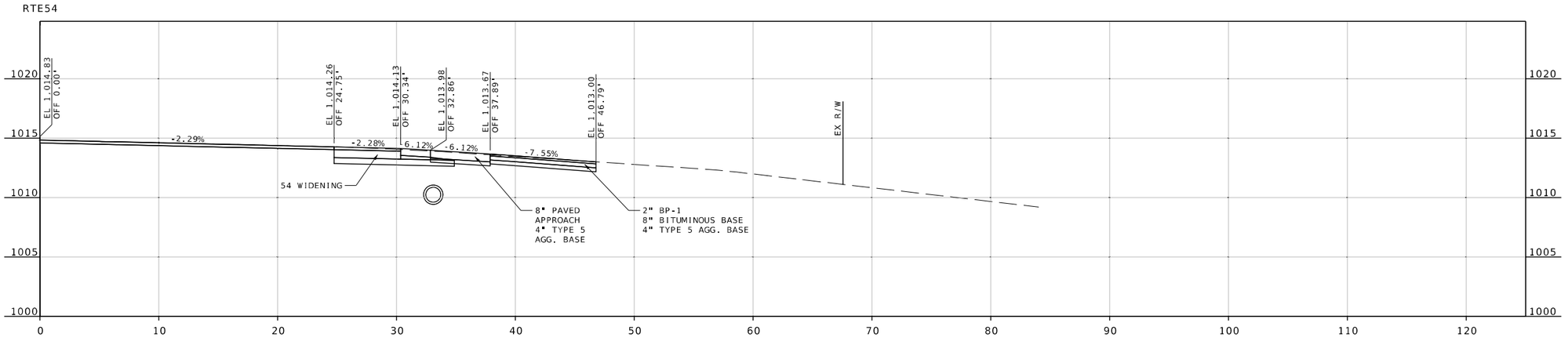
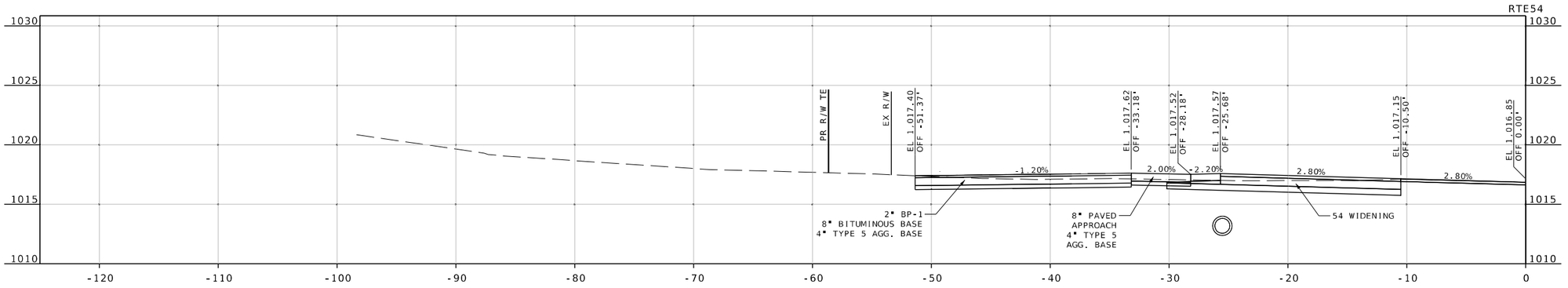
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 19+91.73
SKEW 4.8° BK. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 19+58.12
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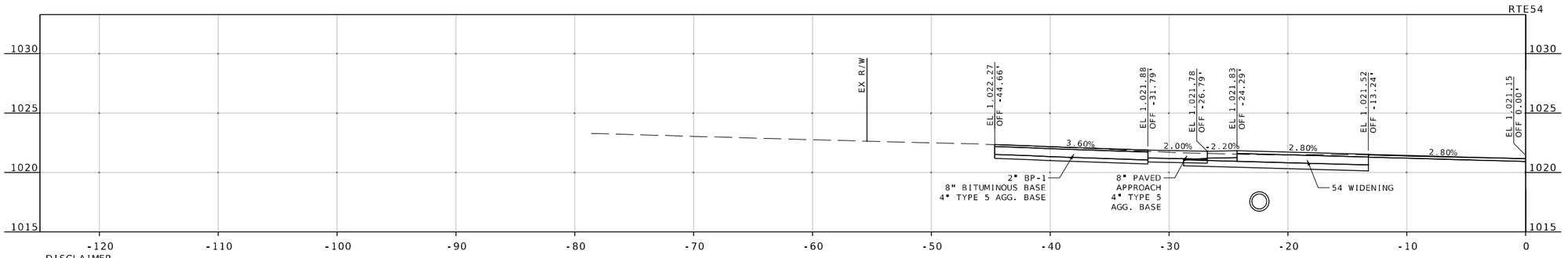
ASPHALT DRIVEWAY



STA 18+85.37
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 2 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	69

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

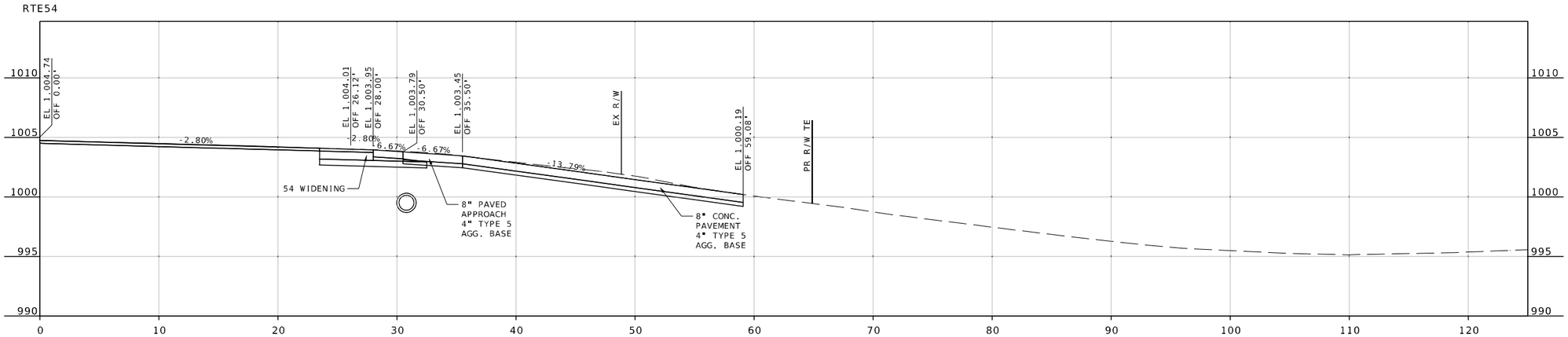
BRIDGE NO.

DESCRIPTION	DATE

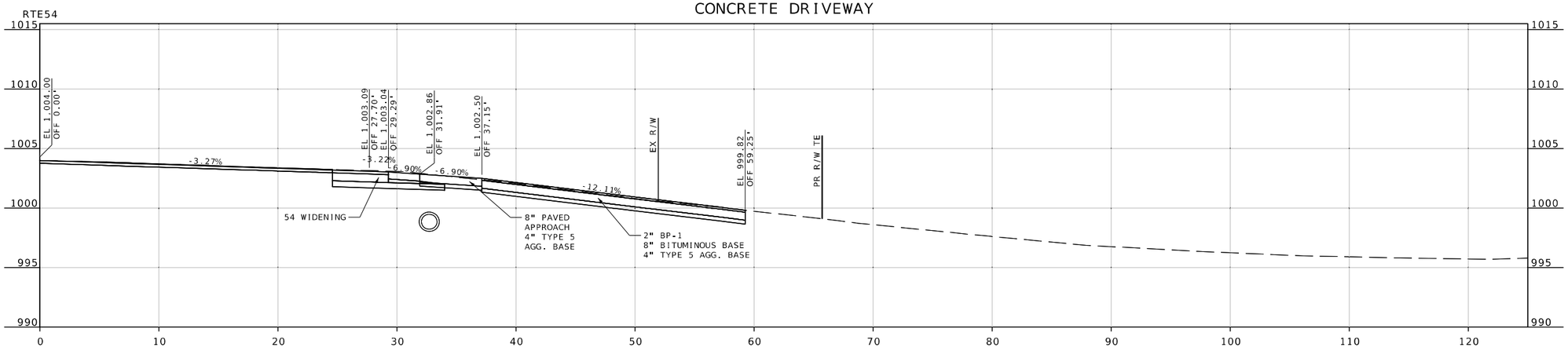
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 24+81.06
PAVED APPROACH W/
CONCRETE DRIVEWAY



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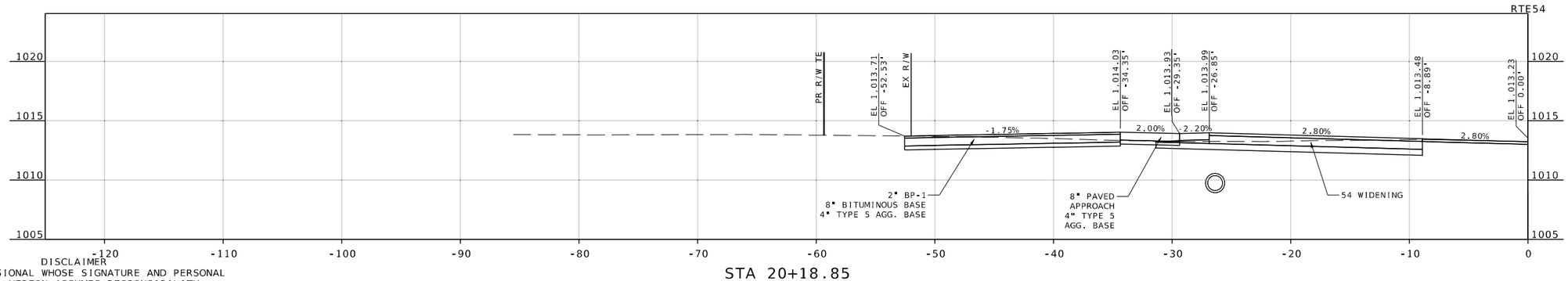
SKEW 16.9° BK. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 20+18.85
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 3 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	70

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

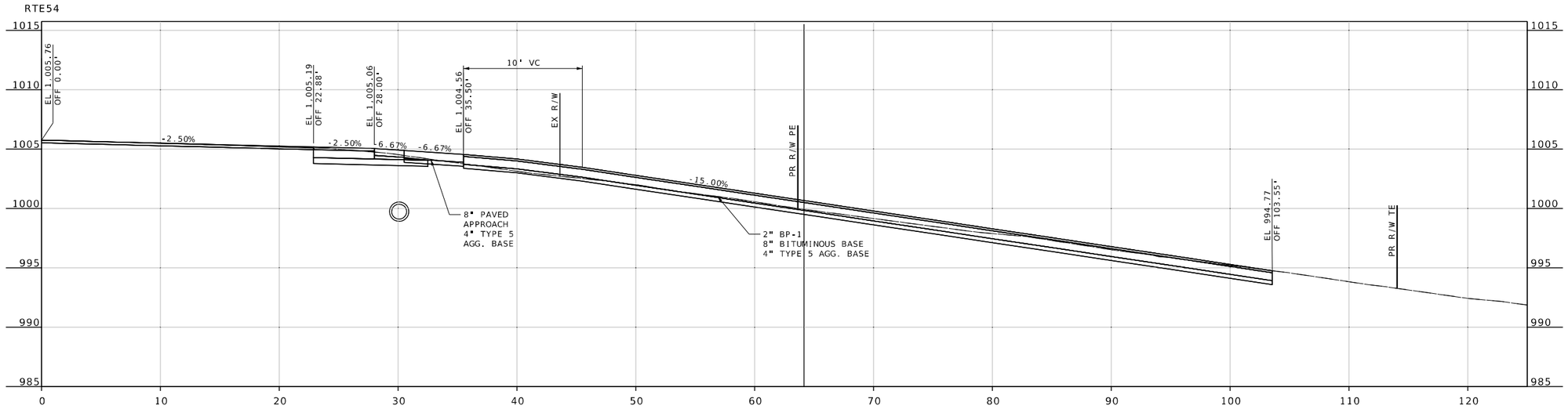
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 26+91.09
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 4 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	71

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

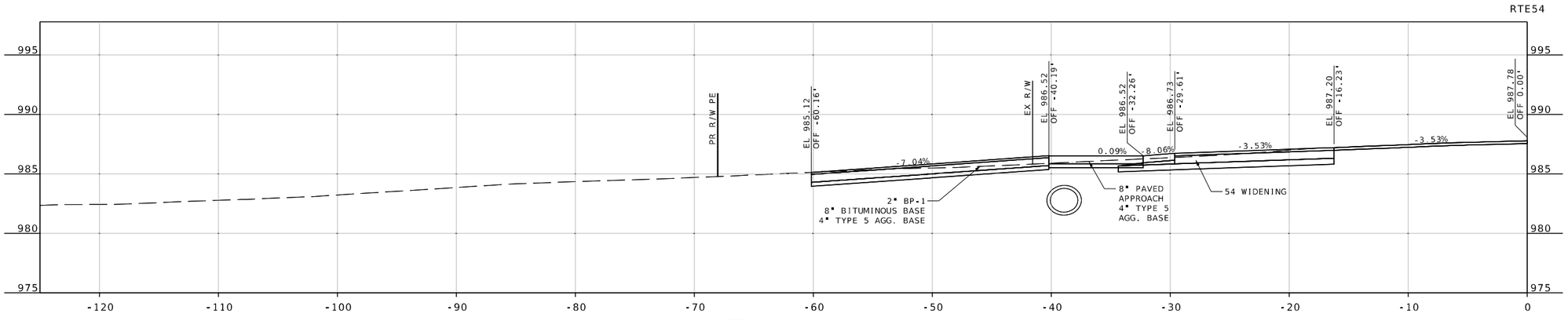
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

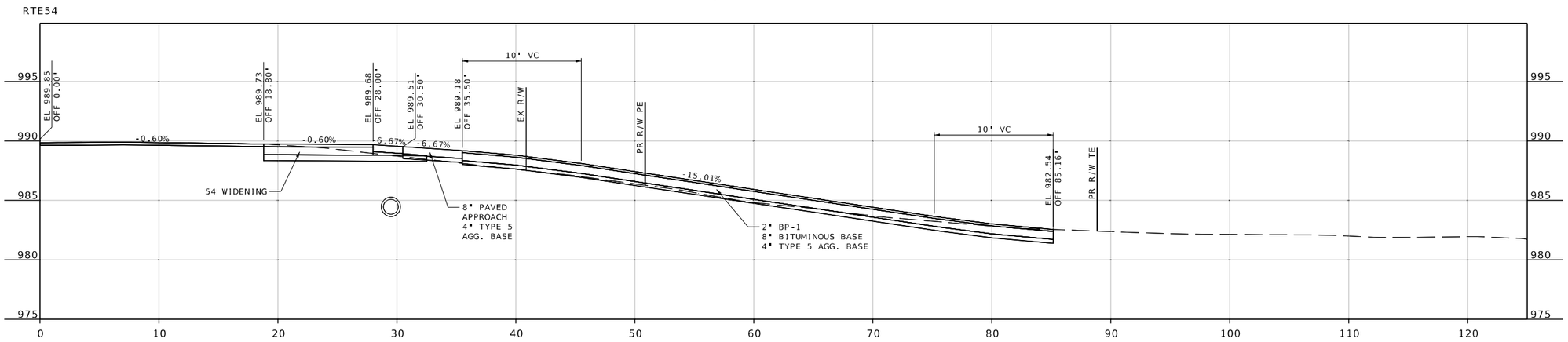
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

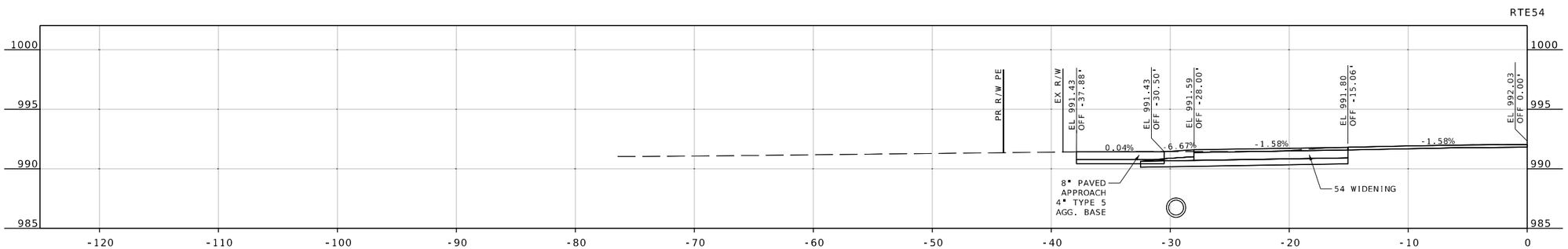
HRGreen



STA 30+84.42
SKEW 19.0° AH. LT.
PAVED APPROACH W/
ASPHALT PAVEMENT



STA 30+47.83
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 30+10.36
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 5 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	72

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

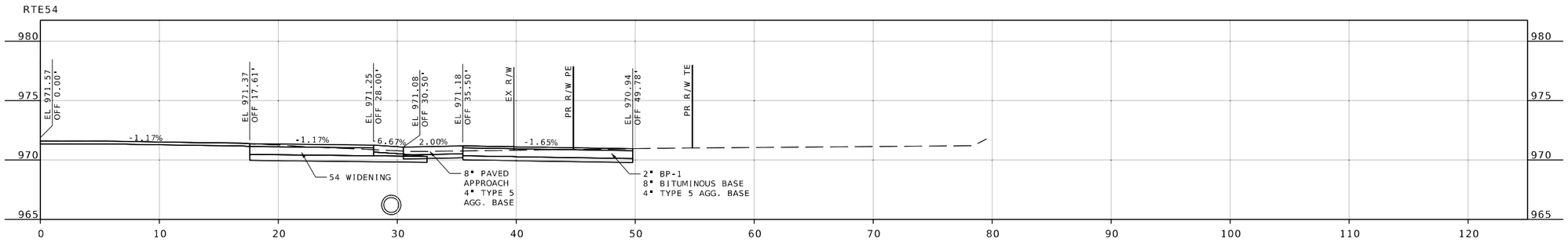
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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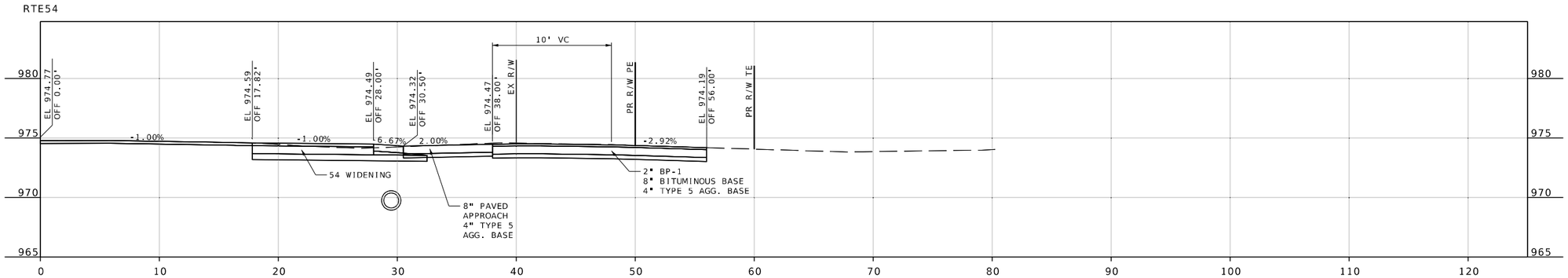
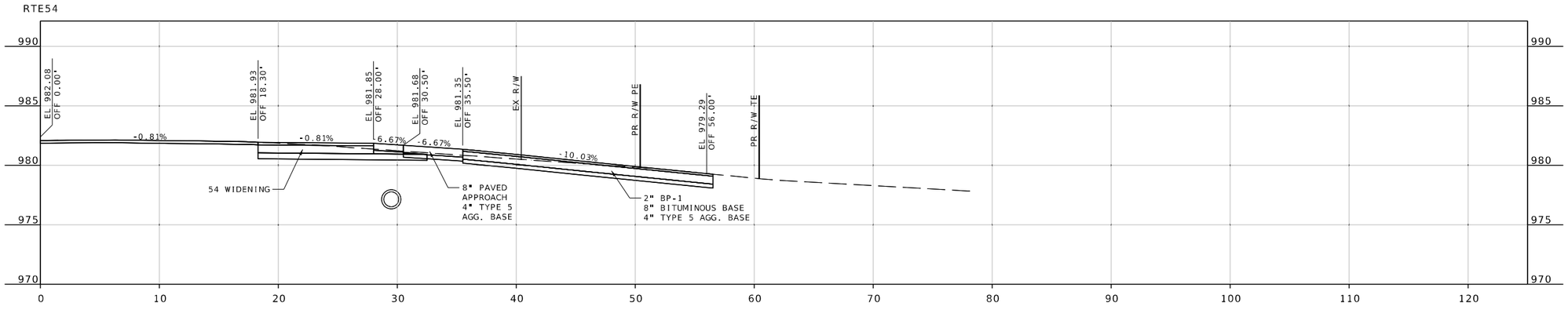
ASPHALT DRIVEWAY



STA 33+17.94
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 31+86.55
PAVED APPROACH W/
ASPHALT DRIVEWAY

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THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

ENTRANCE PROFILES
SHEET 6 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	73

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

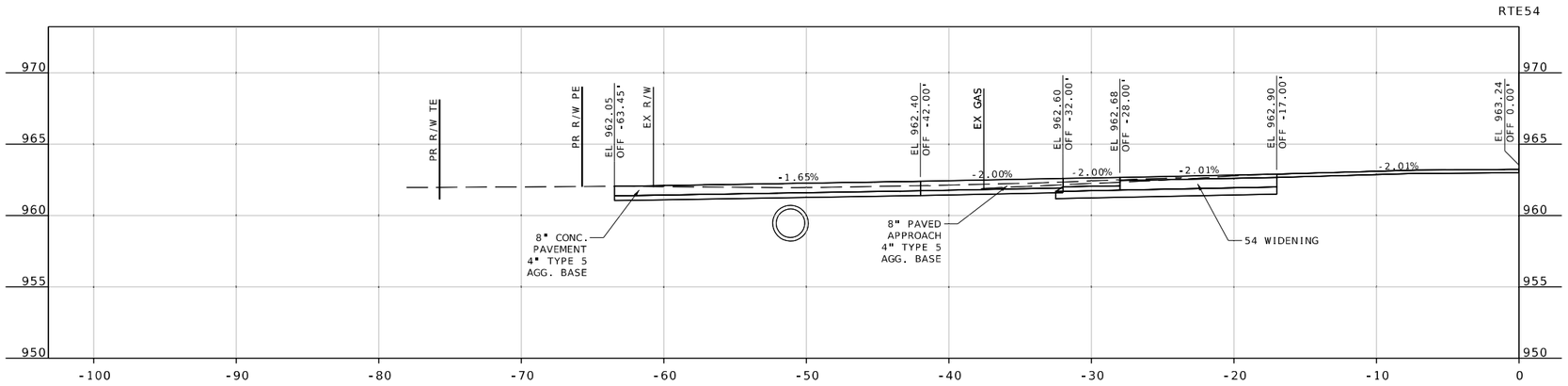
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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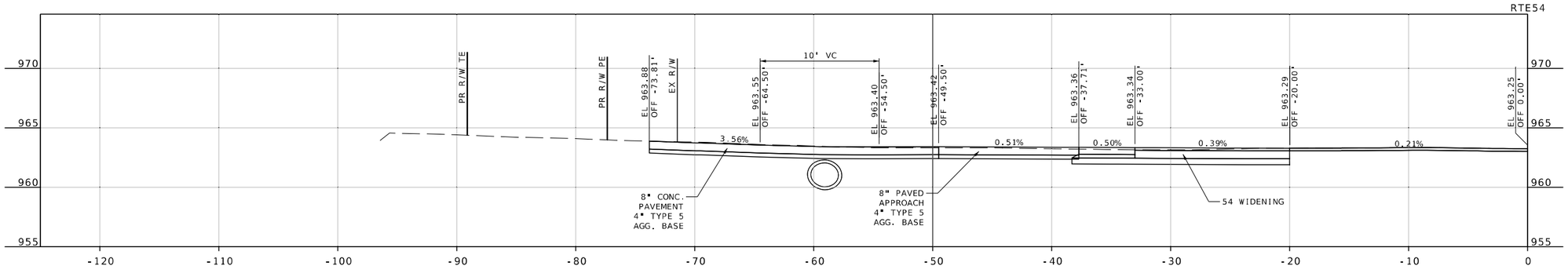
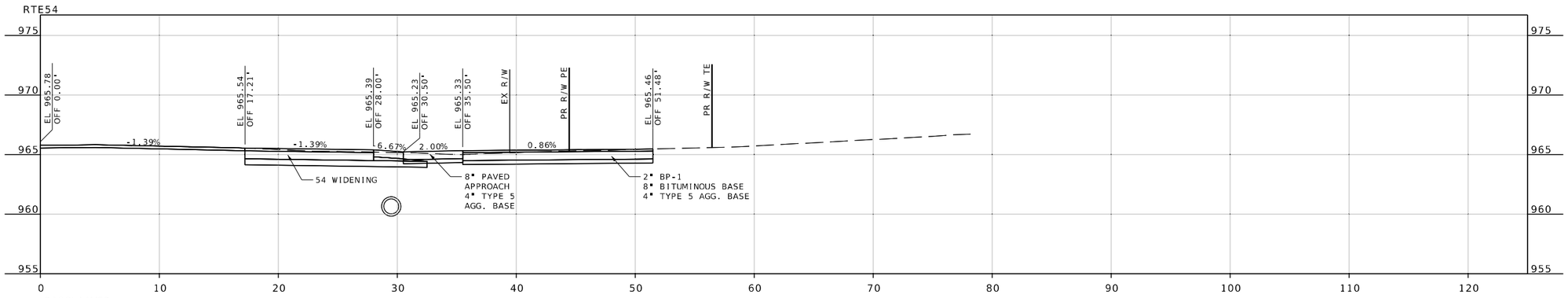
CONCRETE DRIVEWAY



STA 35+46.60
SKEW 37.8° BK. LT.
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 34+85.15
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 7 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	74

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

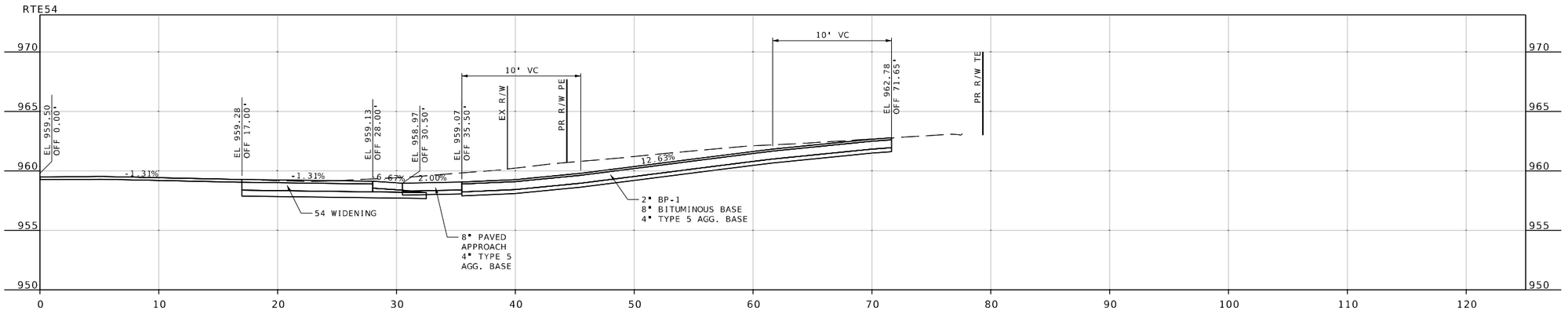
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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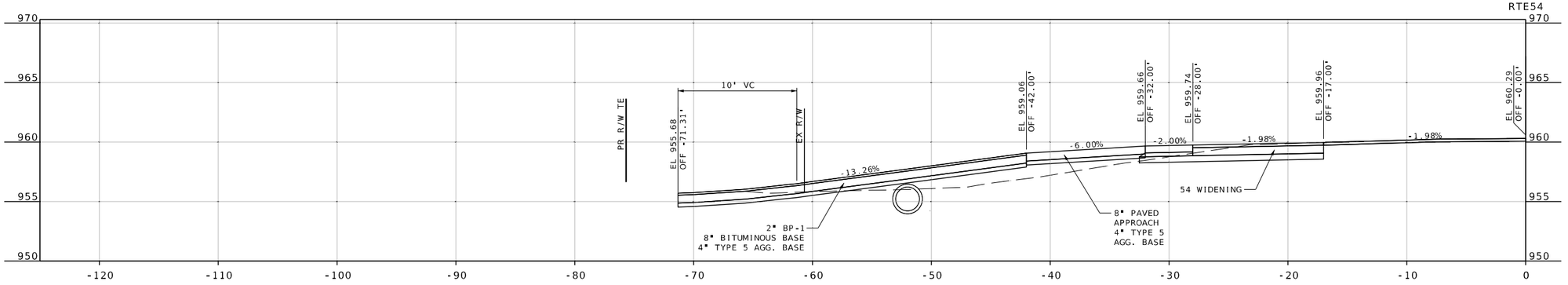
ASPHALT DRIVEWAY



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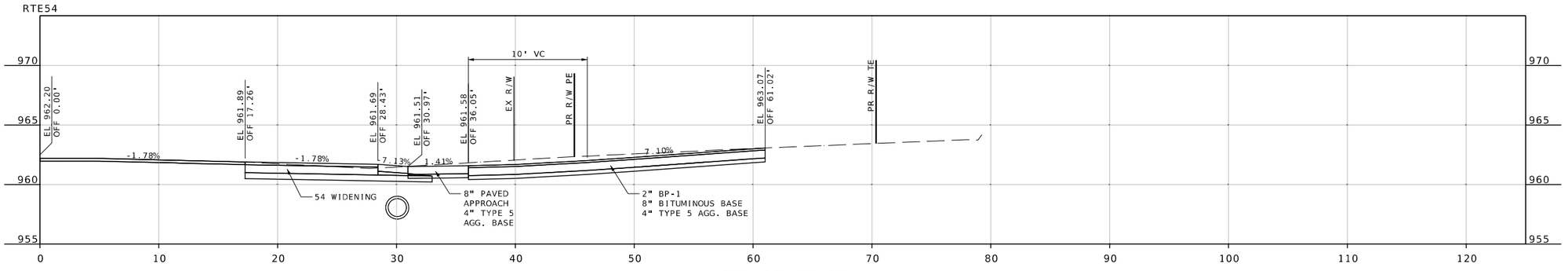
ASPHALT DRIVEWAY



STA 35+75.87
SKEW 10.0° AH. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

ENTRANCE PROFILES
SHEET 8 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	75

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

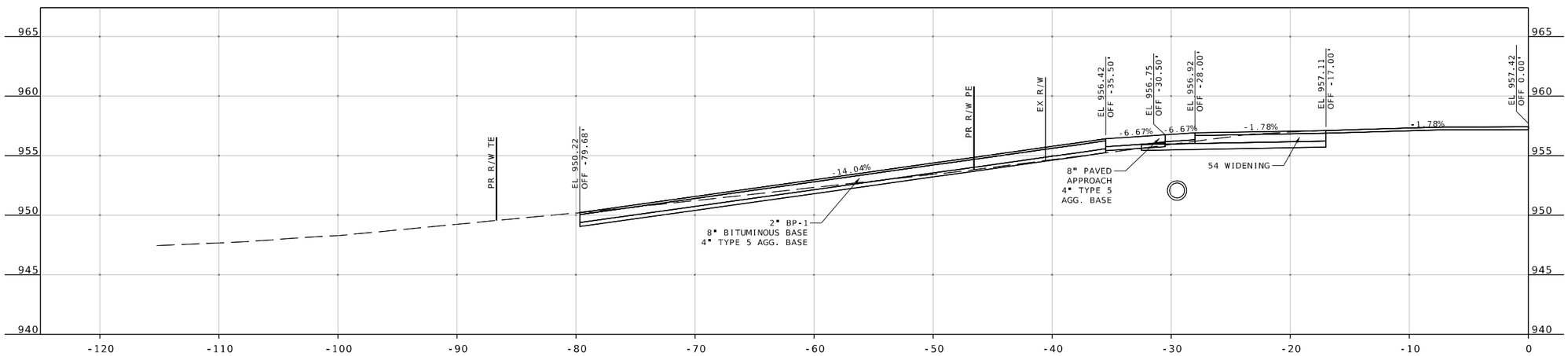
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

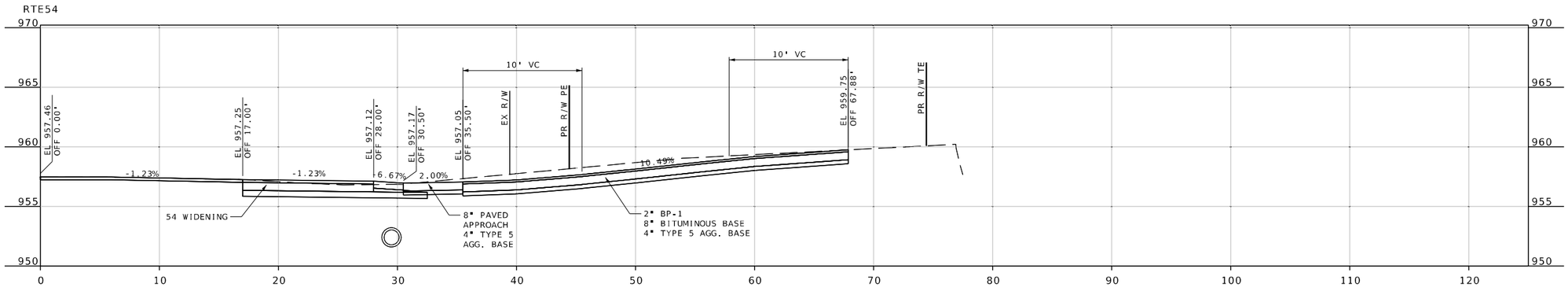
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



STA 39+54.59
PAVED APPROACH W/
ASPHALT PAVEMENT



STA 39+47.97
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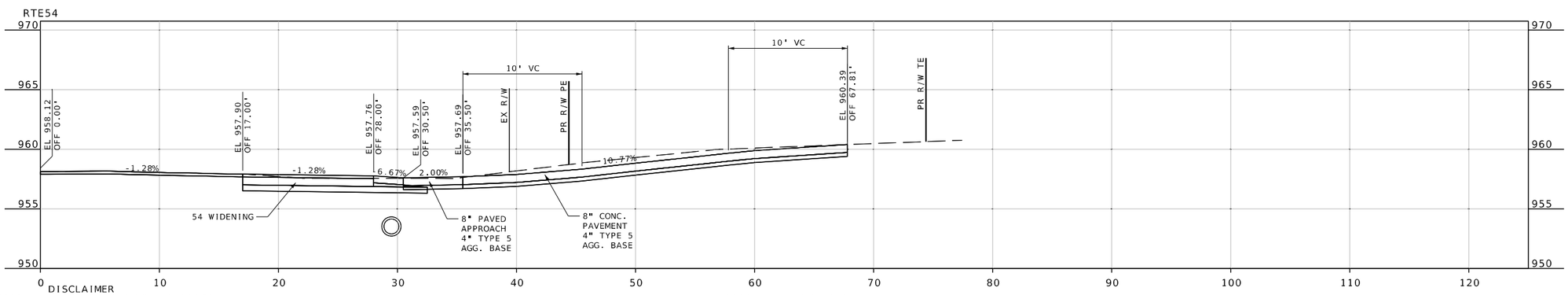
ASPHALT PAVEMENT



STA 38+54.24
PAVED APPROACH W/
CONCRETE DRIVEWAY

DISCLAIMER

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ENTRANCE PROFILES
SHEET 9 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	76

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

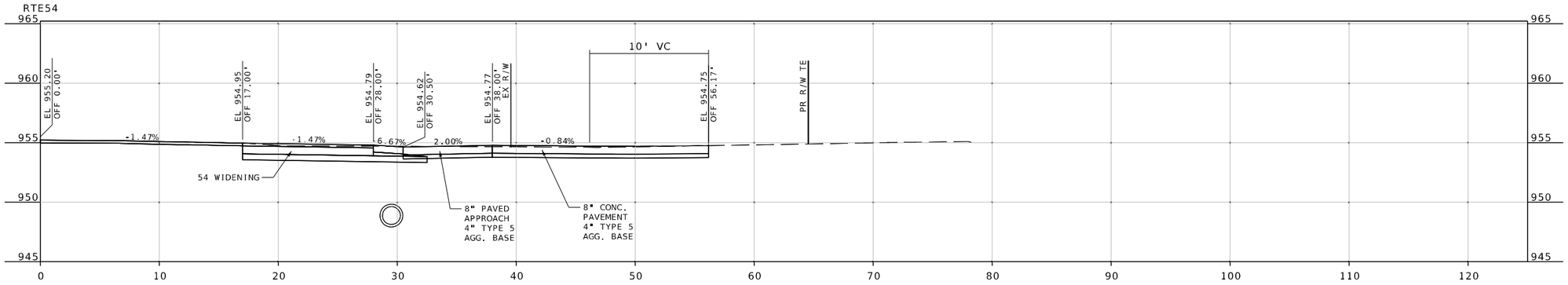
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

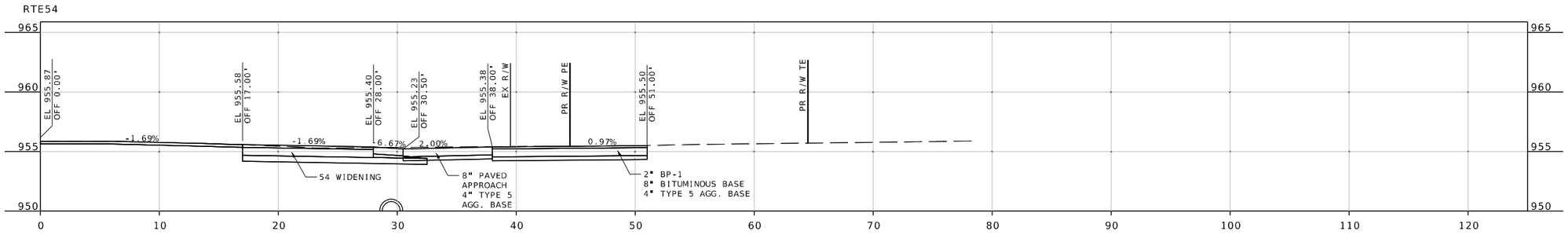
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

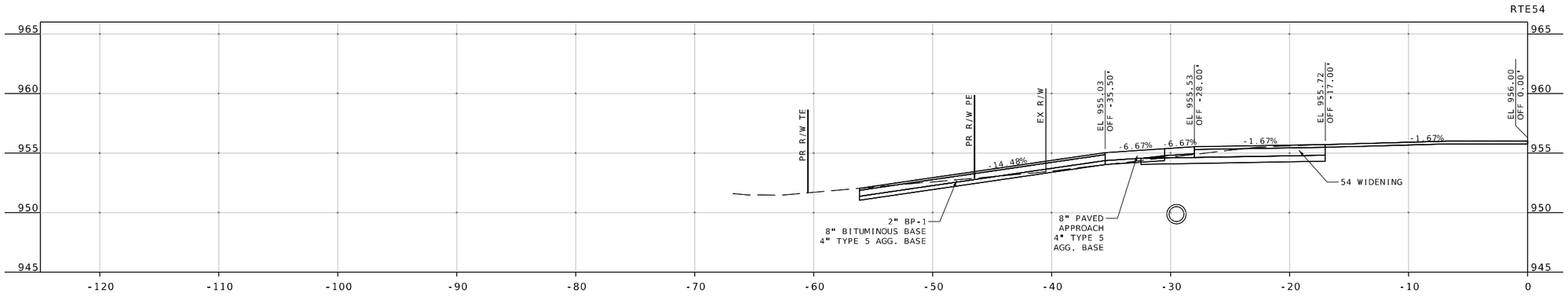
HRGreen



STA 42+30.52
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 41+44.17
PAVED APPROACH W/
ASPHALT PAVEMENT



STA 41+26.31
PAVED APPROACH W/
ASPHALT PAVEMENT

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ENTRANCE PROFILES
SHEET 10 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	77

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

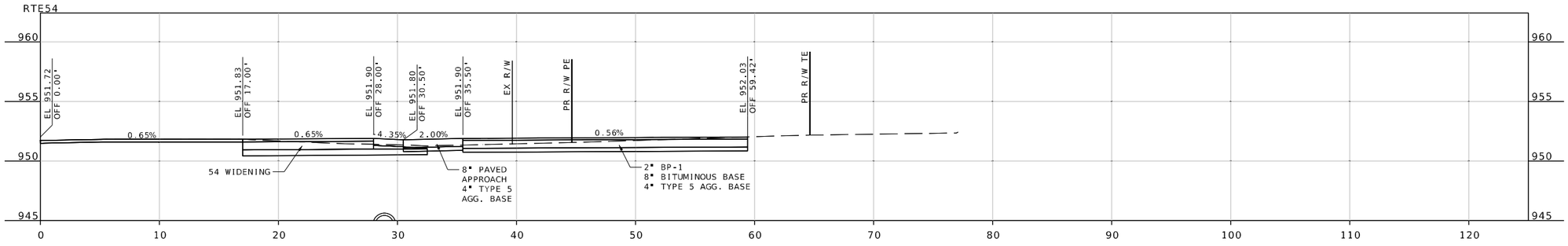
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



STA 44+71.35
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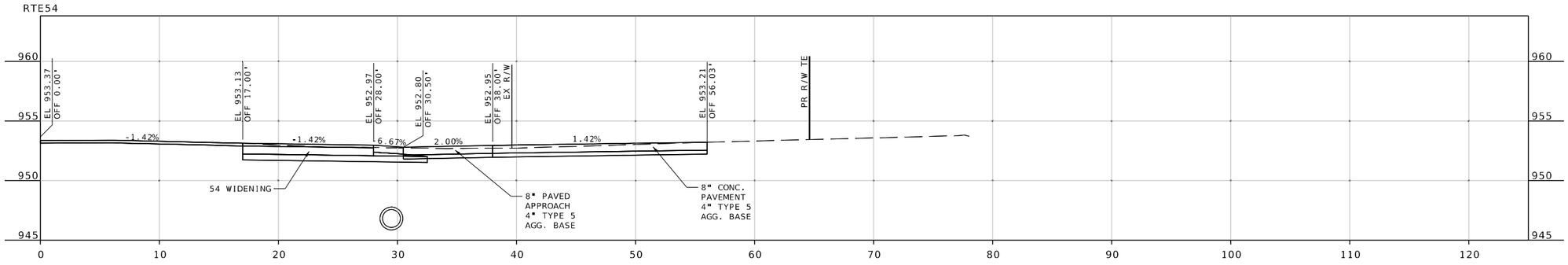
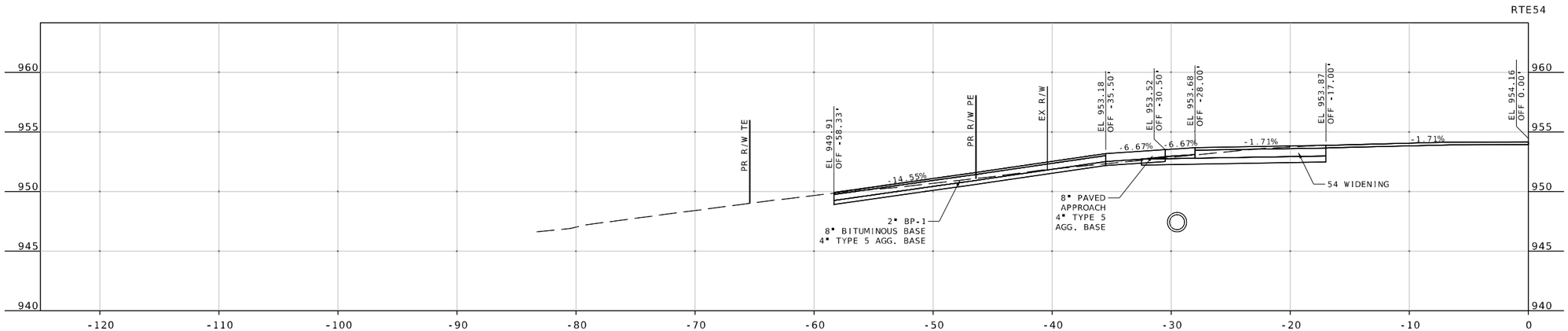
ASPHALT DRIVEWAY



STA 43+71.01
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 43+17.64
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 11 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	78

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

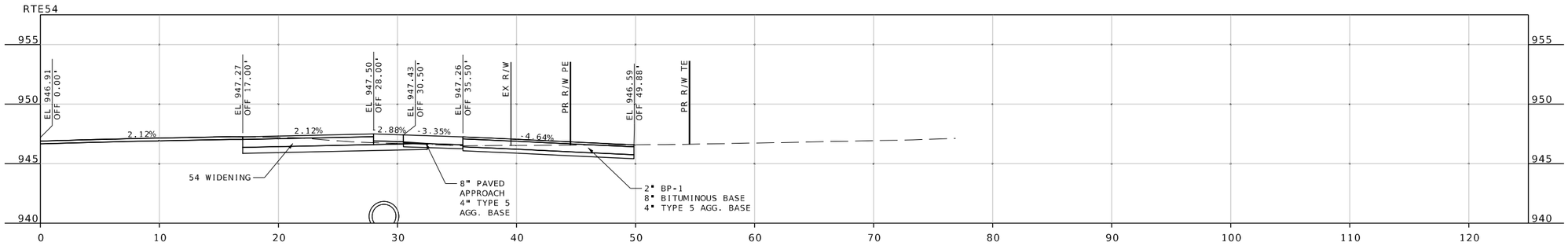
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

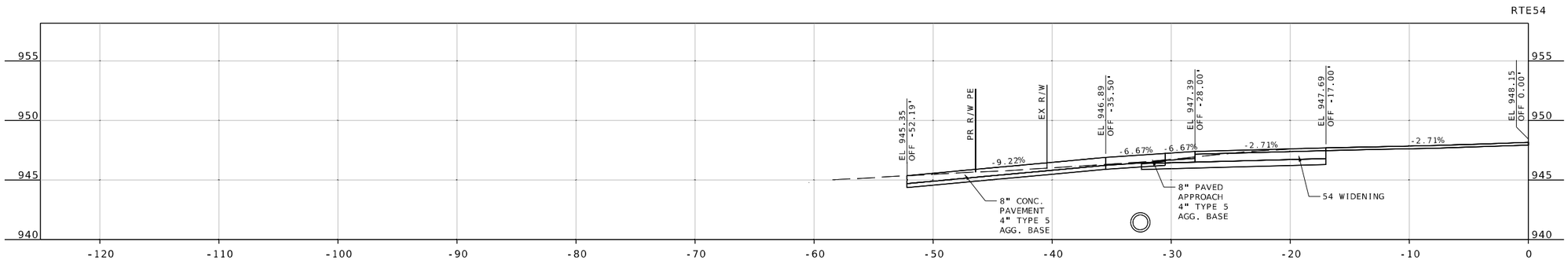
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

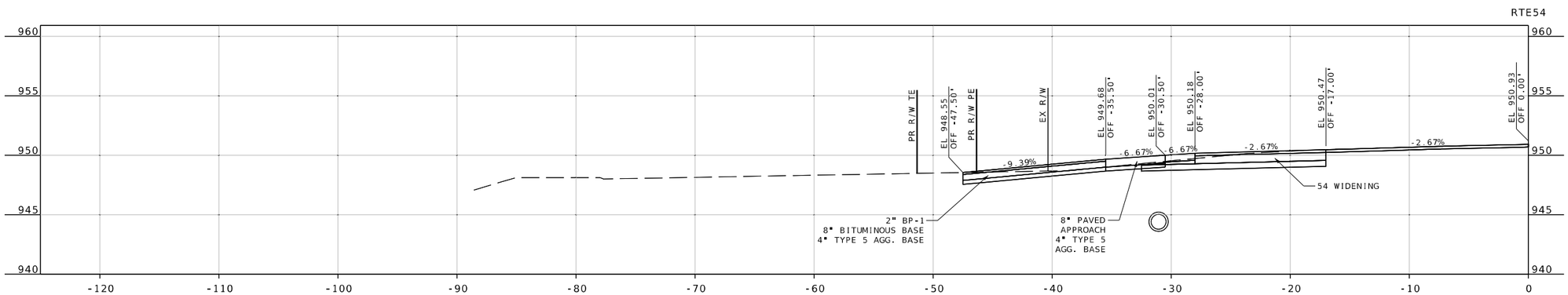
HRGreen



STA 46+49.93
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 46+10.74
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 45+06.72
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 12 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	79

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

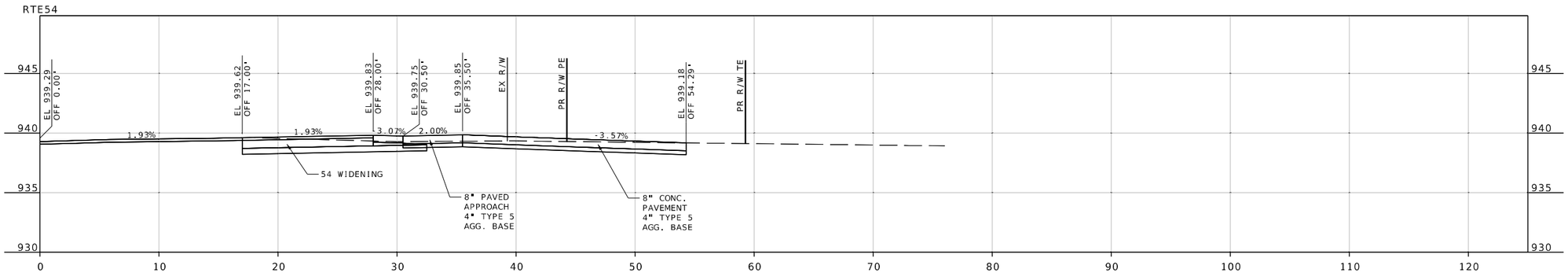
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

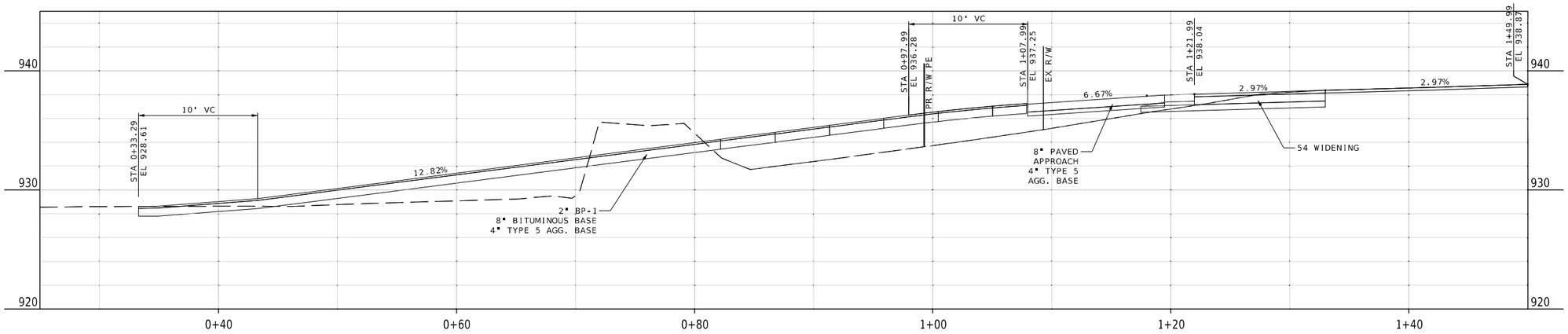
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

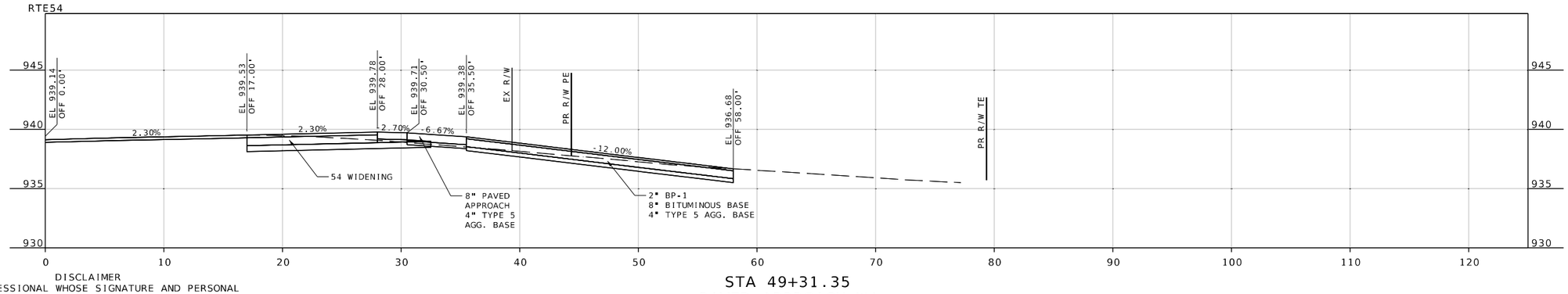
\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\XS_Ent_J5P3573.dgn 6:01:53 PM 4/13/2025



STA 50+51.10
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 49+72.22
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 49+31.35
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 13 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:39 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/14/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	80

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

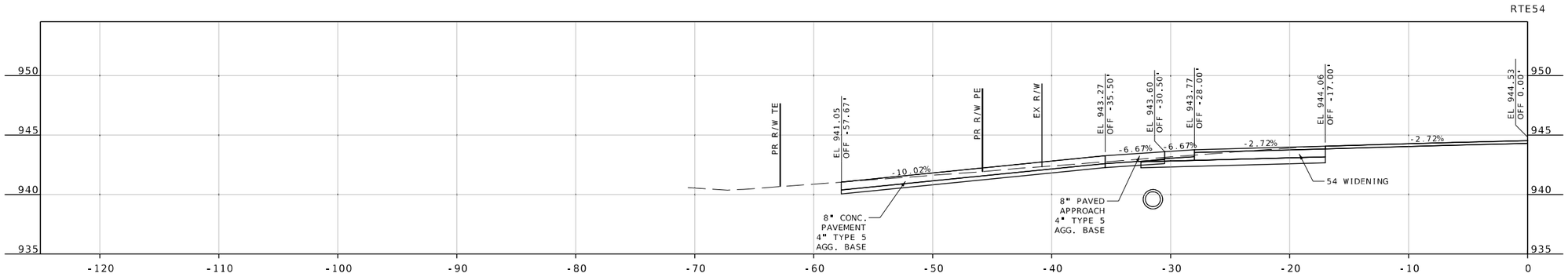
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



STA 52+22.55
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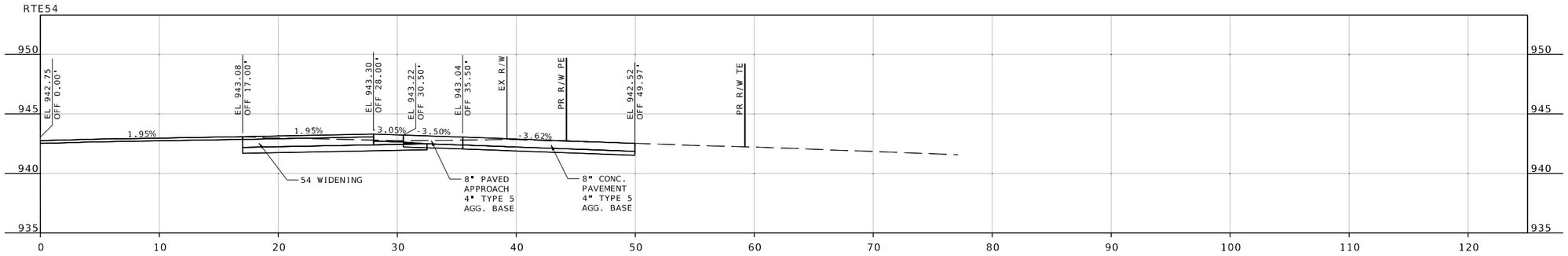
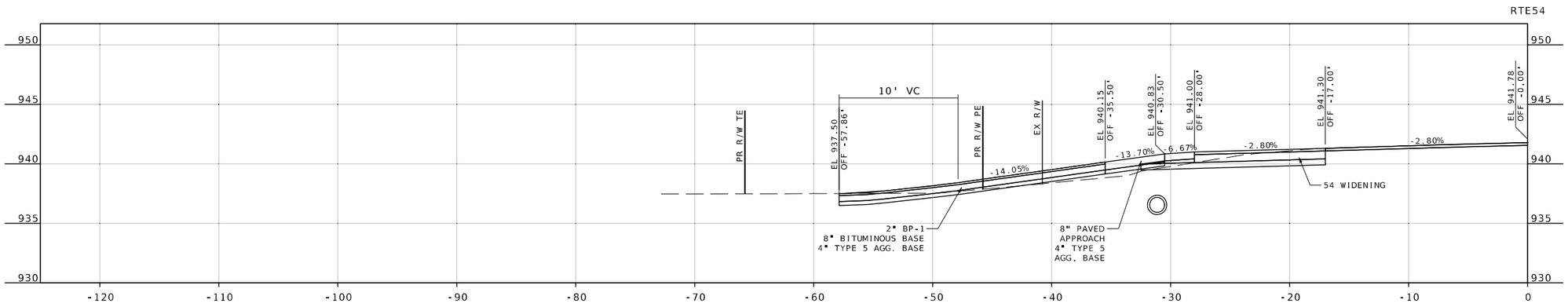
CONCRETE DRIVEWAY



STA 51+79.94
PAVED APPROACH W/
CONCRETE DRIVEWAY



STA 51+53.90
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 14 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	81

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

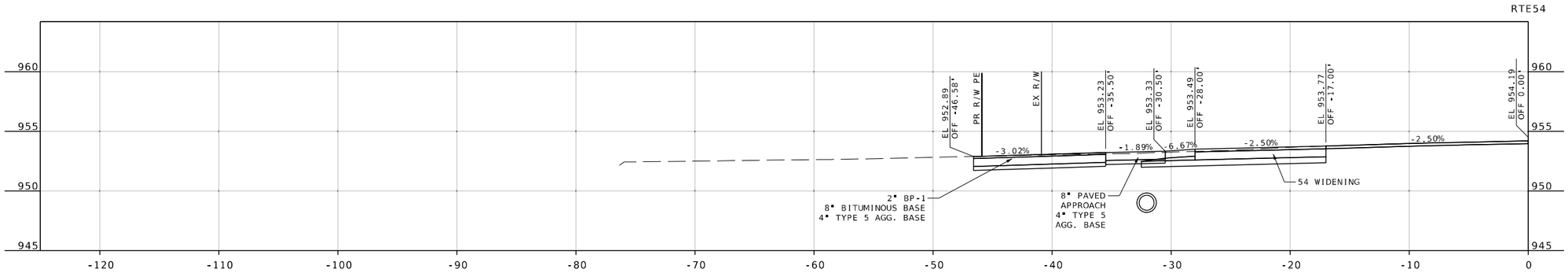
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

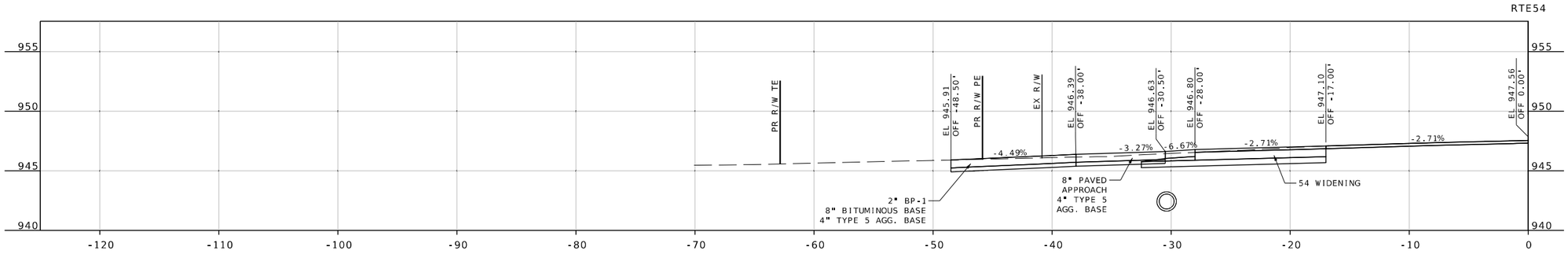
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\XS_Ent_J5P3573.dgn 6:02:24 PM 4/13/2025



STA 54+16.32
PAVED APPROACH W/
ASPHALT DRIVEWAY



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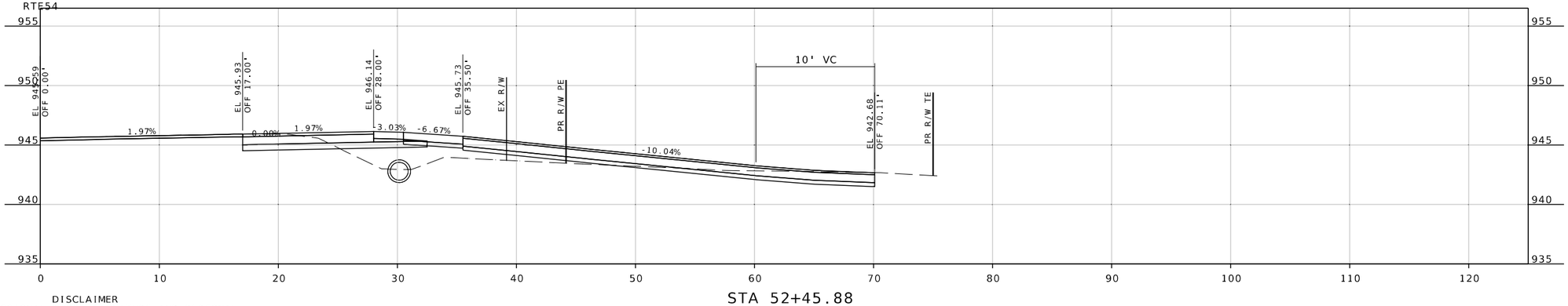
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 52+45.88
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 15 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	82

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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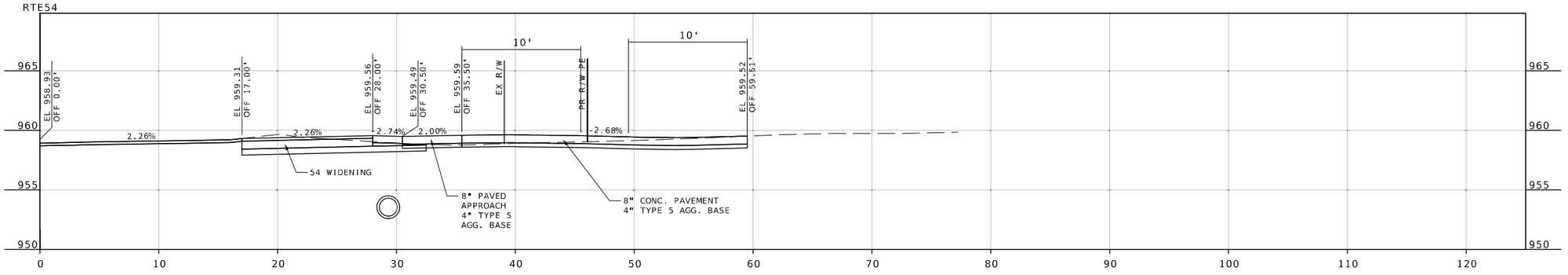
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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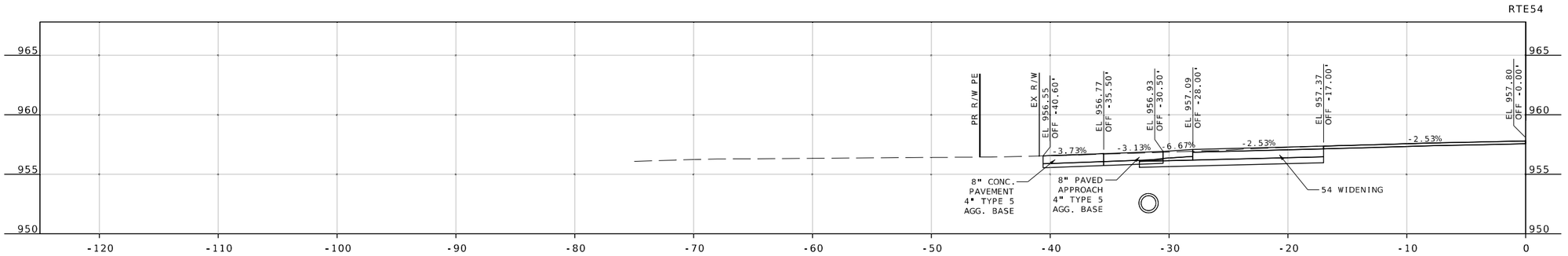
CONCRETE DRIVEWAY



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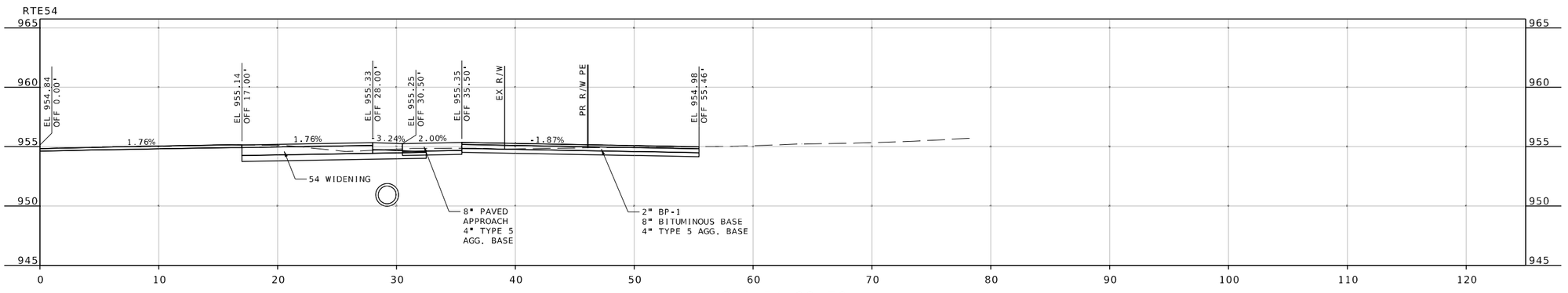
CONCRETE DRIVEWAY



STA 54+28.76
PAVED APPROACH W/
ASPHALT DRIVEWAY

ENTRANCE PROFILES
SHEET 16 OF 22

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

Emily S. Burkart

04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	83

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

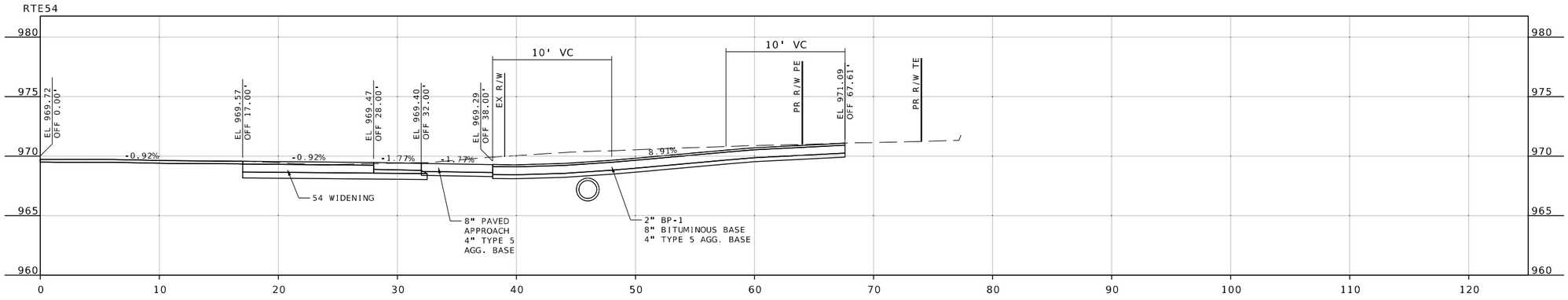
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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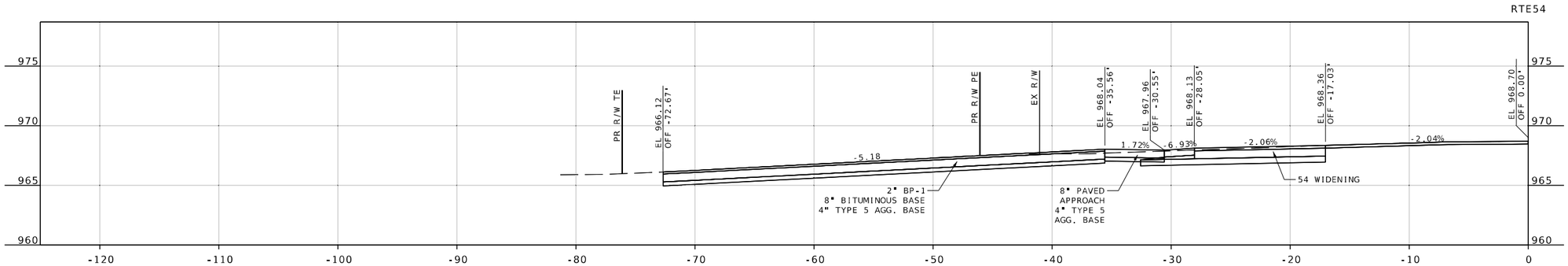
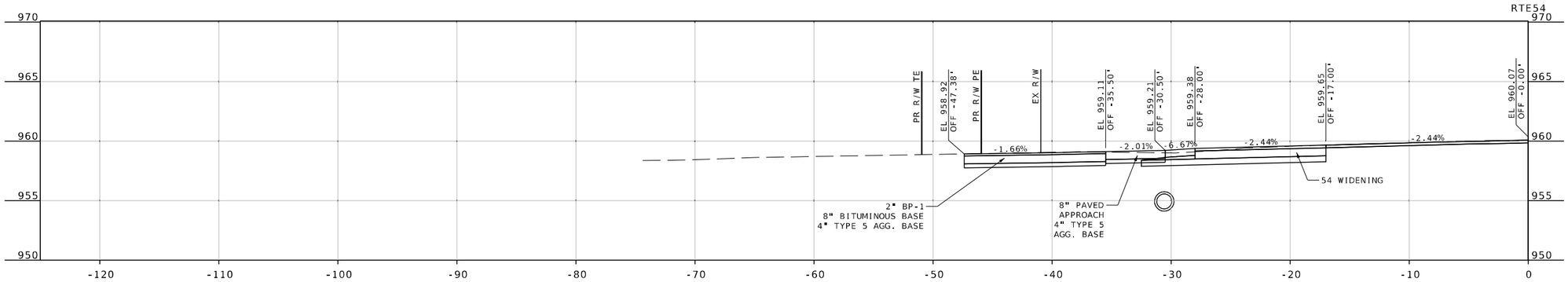
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 57+10.48
SKEW 3.3° BK. LT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 55+33.44
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 17 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	84

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

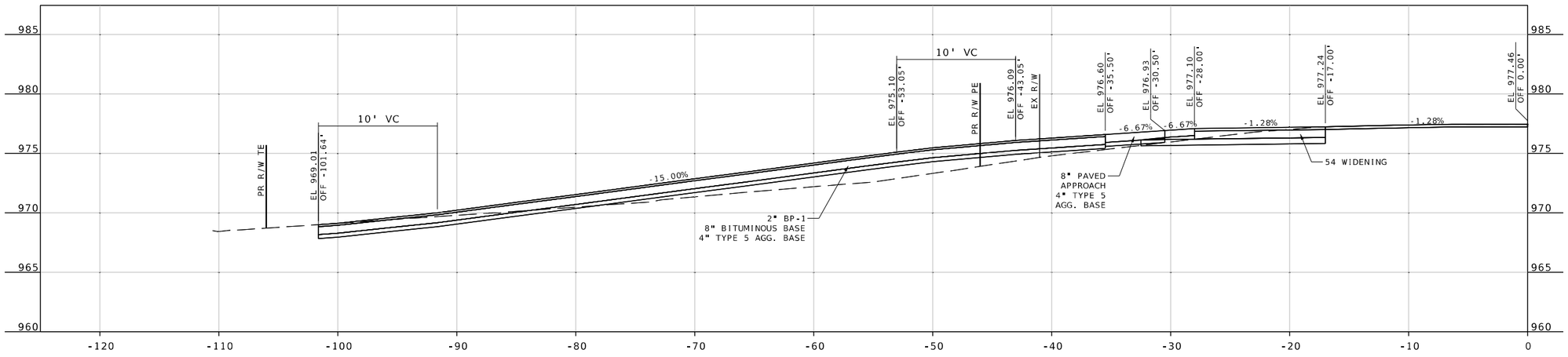
BRIDGE NO.

DESCRIPTION	DATE

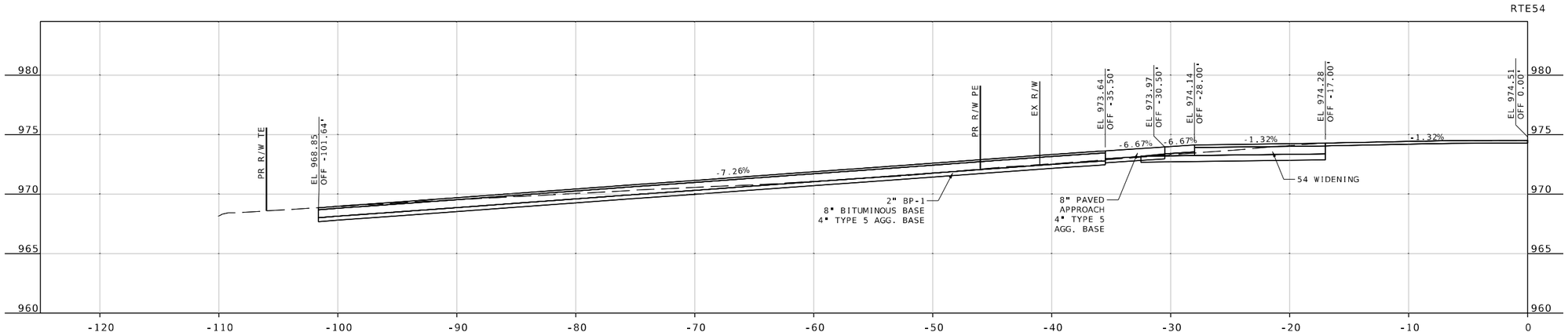
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 59+13.70
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 58+36.75
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 18 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	85

COUNTY
CAMDEN
JOB NO.
J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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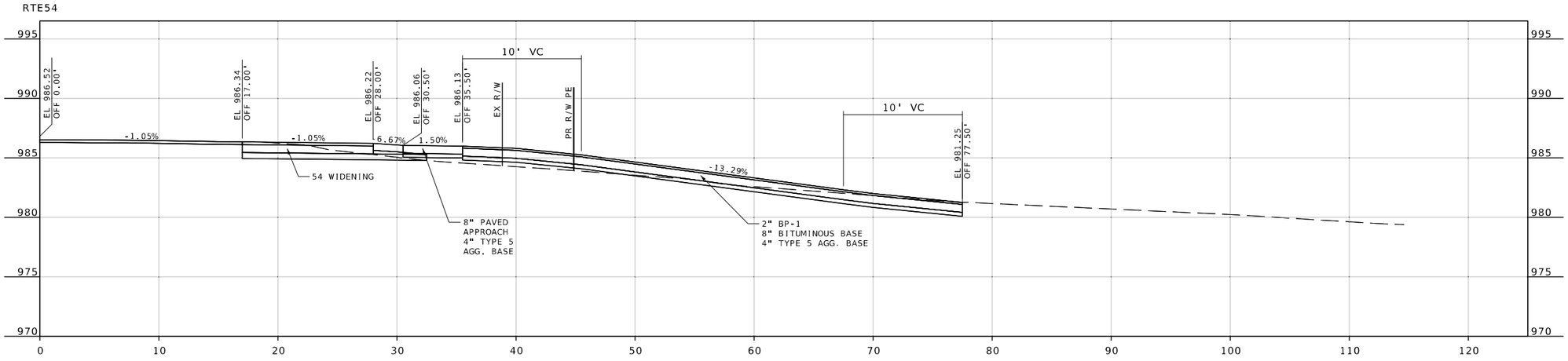
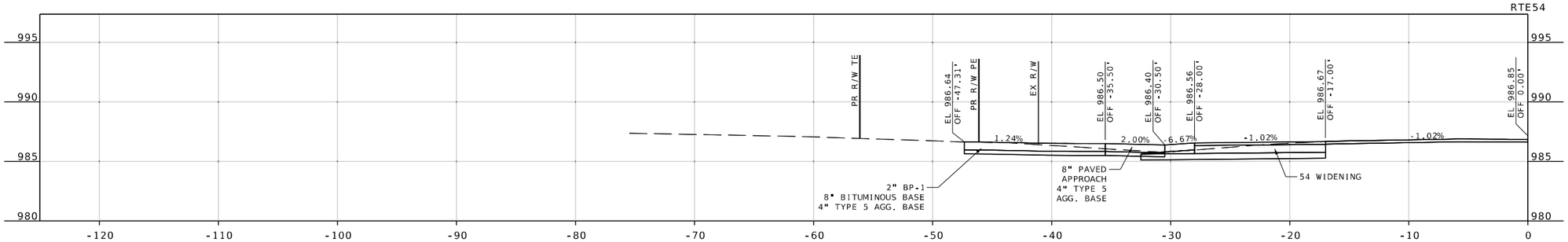
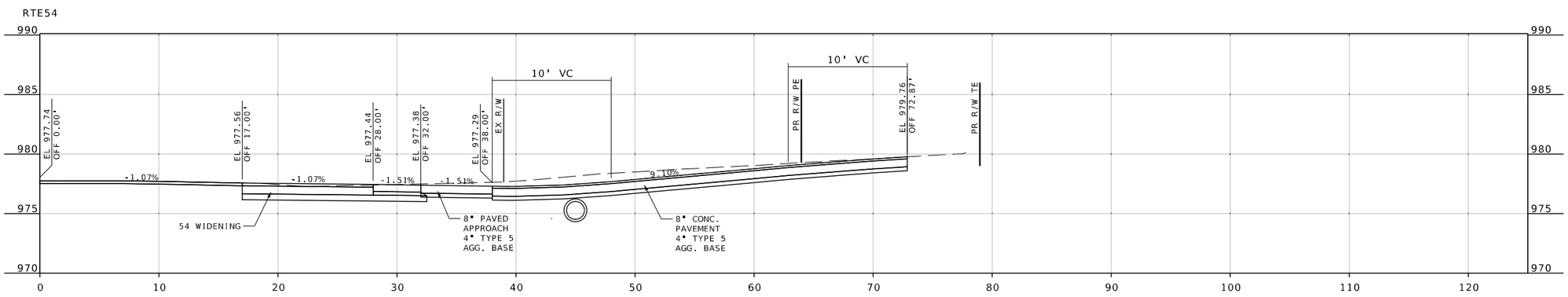
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 64+65.16
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 62+72.60
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 59+22.00
PAVED APPROACH W/
CONCRETE DRIVEWAY

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ENTRANCE PROFILES
SHEET 19 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	86

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

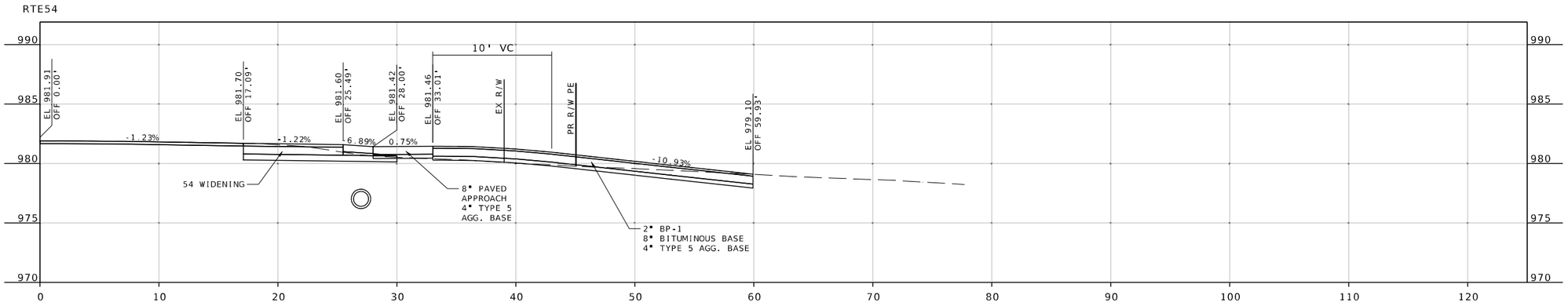
BRIDGE NO.

DESCRIPTION	DATE

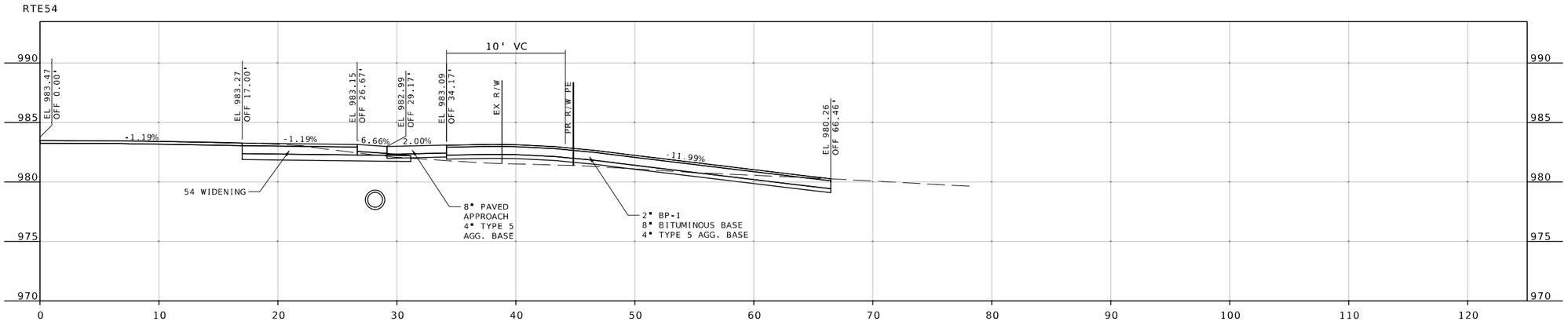
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

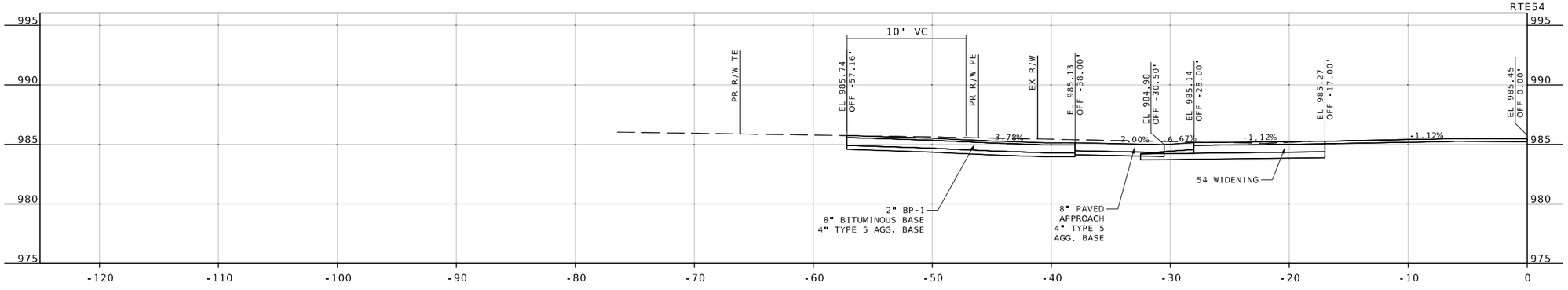
HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



STA 66+79.81
SKEW 5.9° AH. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 66+16.50
PAVED APPROACH W/
ASPHALT DRIVEWAY



STA 65+19.21
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 20 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	87

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
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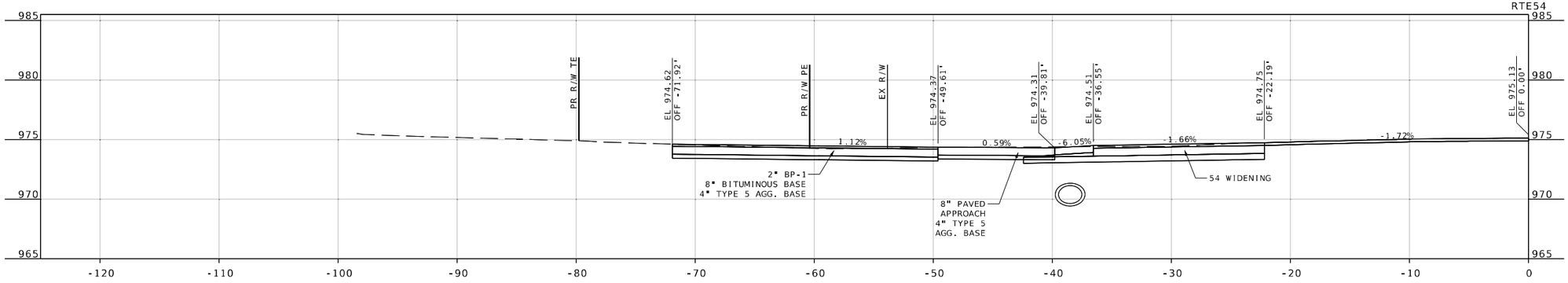
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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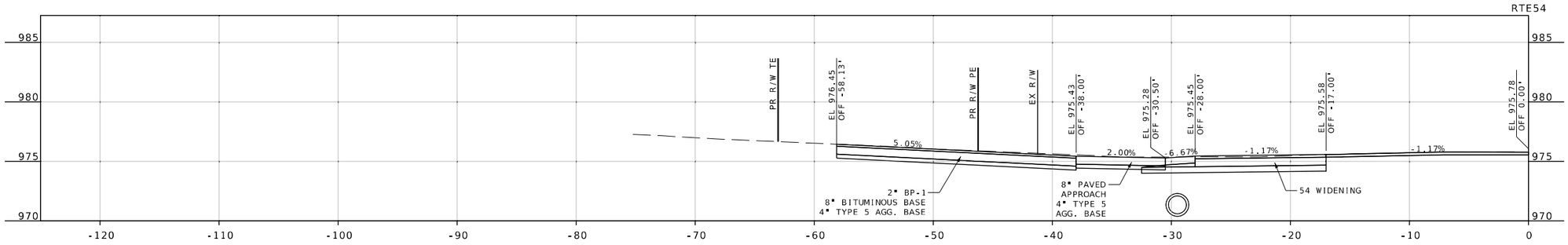
SKEW 40.0° AH. LT.
PAVED APPROACH W/
ASPHALT DRIVEWAY



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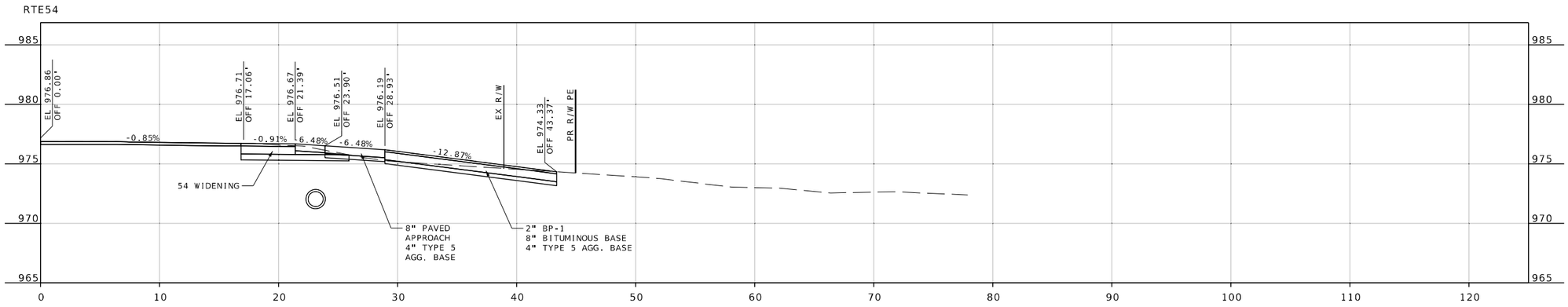
ASPHALT DRIVEWAY



STA 68+86.63
SKEW 5.0° BK. RT.
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 21 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	88

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

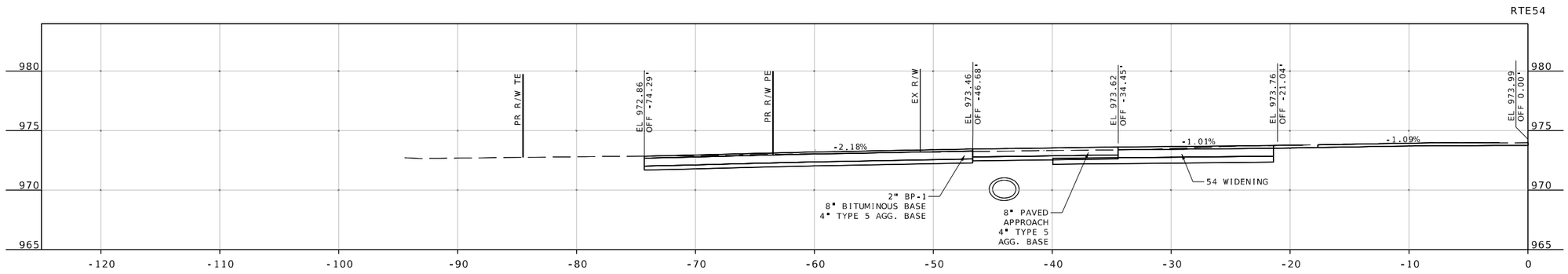
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



STA 71+04.59
SKEW 36.1° AH. LT.
PAVED APPROACH W/
ASPHALT DRIVEWAY

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ENTRANCE PROFILES
SHEET 22 OF 22

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	89

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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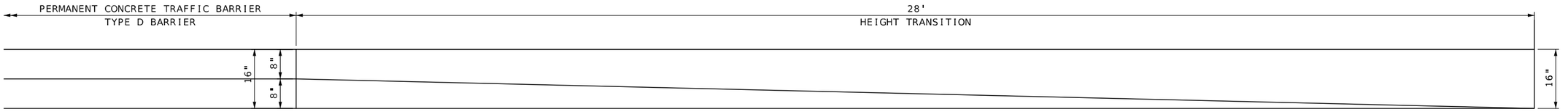
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

NOTES:

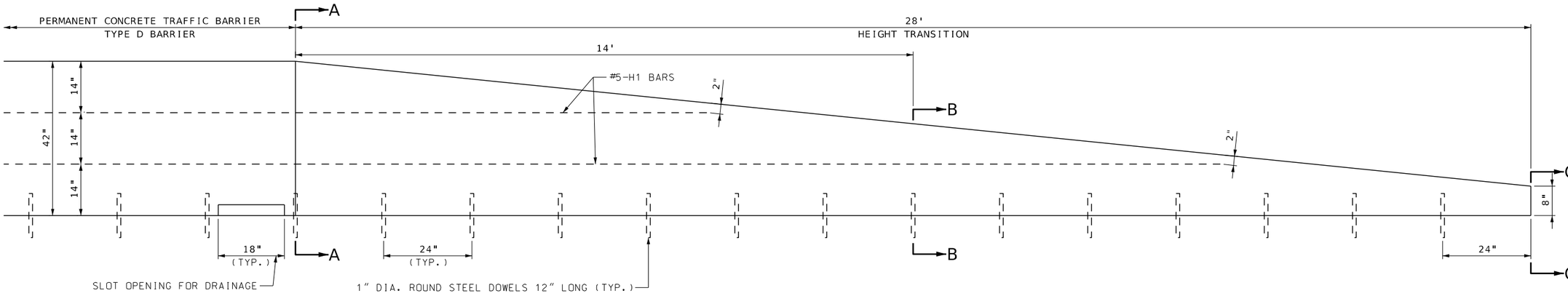
PERMANENT CONCRETE TRAFFIC BARRIER TYPE D AND HEIGHT TRANSITION SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 617 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND IN ACCORDANCE WITH MISSOURI STANDARD PLAN 617.10 EXCEPT AS MODIFIED BY THIS DRAWING.

PERMANENT CONCRETE TRAFFIC BARRIER, TYPE D HEIGHT TRANSITION TO BE PAID FOR AS CONCRETE TRAFFIC BARRIER, TYPE D (RETAINING WALL).

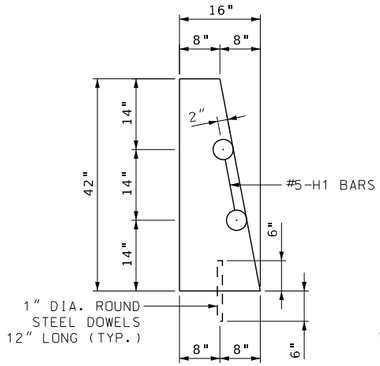
PAVEMENT THICKNESS UNDER BARRIER SHALL MATCH THICKNESS OF OPTIONAL PAVEMENT



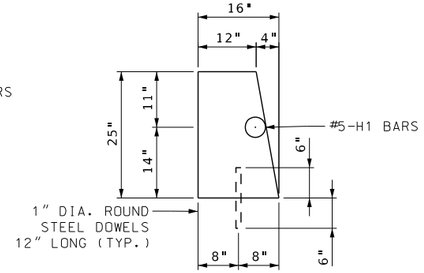
PERMANENT CONCRETE TRAFFIC BARRIER TYPE D HEIGHT TRANSITION - PLAN



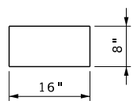
PERMANENT CONCRETE TRAFFIC BARRIER TYPE D HEIGHT TRANSITION - ELEVATION



SECTION A-A



SECTION B-B



SECTION C-C

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BARRIER DETAILS
SHEET 1 OF 1

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:40 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	90

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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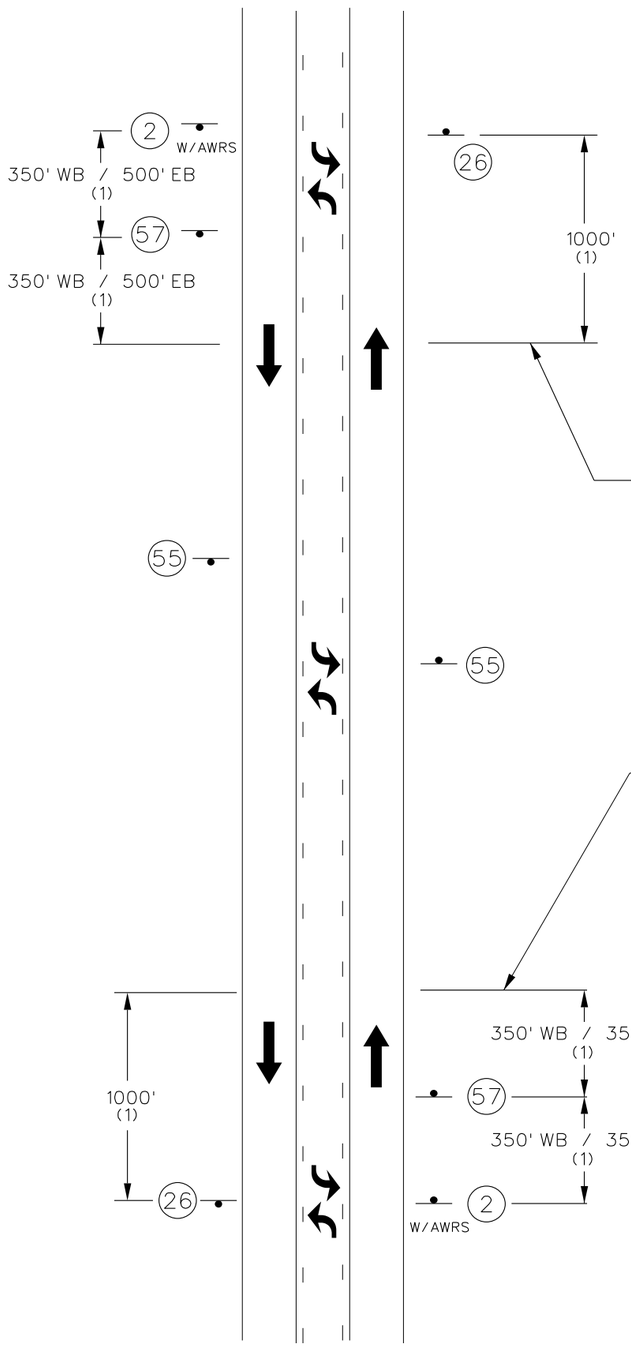
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



TWO-LANE UNDIVIDED

NOT TO SCALE

DISCLAIMER

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NOTES:

SIGNS ON THIS SHEET ARE TO BE POST MOUNTED AND IN PLACE FOR THE DURATION OF THIS PROJECT.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

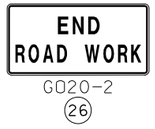
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

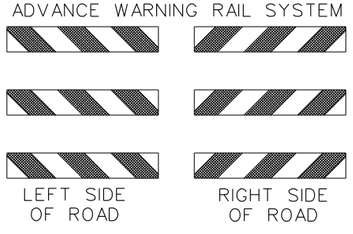
(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS.

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

TAPER LENGTH AND SPACING FOR CHANNELIZERS

PERMANENT POSTED SPEED	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
MPH	10'	11'	12'			THROUGH TAPER	THROUGH WORK
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'





BEGIN/END OF PROJECT SIGNING

RTE 54
TRAFFIC CONTROL
SHEET 1 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	91

COUNTY: CAMDEN

JOB NO.: J5P3573

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

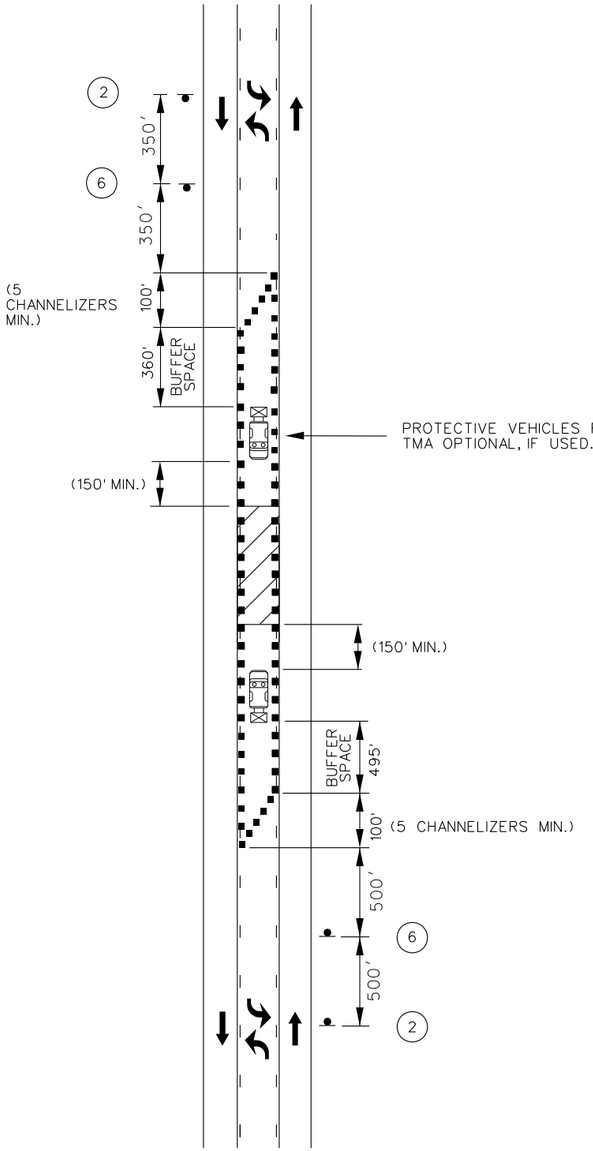
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300



OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS

NOT TO SCALE

WO20-1

(2)

WO20-6a

(6)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- PROTECTIVE VEHICLE

GENERAL NOTES FOR TRAFFIC CONTROL - ALL STAGES:

ALL SIGNS SHALL BE PORTABLE MOUNT, UNLESS OTHERWISE NOTED.

MAXIMUM SPACING BETWEEN CHANNELIZERS IN A TAPER SHOULD BE APPROX. EQUAL IN FEET TO THE SPEED LIMIT PRIOR TO WORK ZONE.

THE SPACING BETWEEN CHANNELIZERS ALONG WORK ZONE AND BUFFER AREA SHOULD BE APPROXIMATELY 80 FT. CHANNELIZERS SHOULD BE 5-10 FT APART AROUND SHORT RADII AT INTERSECTIONS AND DRIVEWAYS.

ALL EXISTING SIGNS THAT CONFLICT WITH THIS PLAN SHALL BE COVERED DURING OPERATION. ALL EXISTING PAVEMENT MARKING THAT IS IN CONFLICT WITH THIS PLAN SHALL BE REMOVED.

ALL STATIONS, SPACING AND DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THEY MAY BE REVISED AS DIRECTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS ON TEMPORARY TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SCHEMES THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS DIRECTED BY THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

WHEN SPEED IS REDUCED, SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT ½ MILE.

MINIMUM 10 FT LANE WIDTH SHALL BE MAINTAINED. UNLESS OTHERWISE NOTED, ACCESS TO RAMPS, SIDE ROADS, AND ENTRANCES SHALL BE MAINTAINED.

WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE ROADS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF WORK ZONE

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RTE 54
TRAFFIC CONTROL
SHEET 2 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 92
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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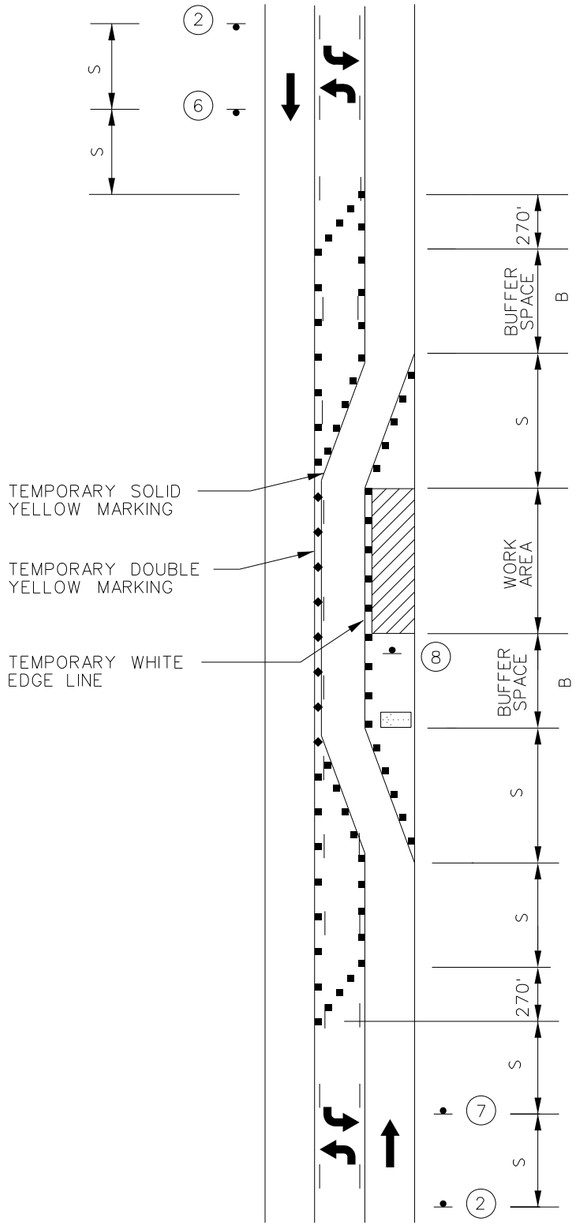

LANE CLOSURE
USING CENTER TURN LANE
LANE SHIFT

NOT TO SCALE

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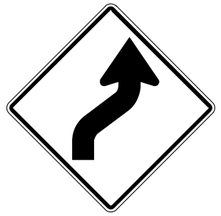
WO20-1
2

WO20-6a
6

WO1-4L
7



WO1-4R
8

SIGN SPACING		RECOMMENDED
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS (S)	BUFFER LENGTH (LF) (B)
0-35	200'	250'
40-45	350'	360'
50-55	500'	495'
60-70	1000'	730'

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- FLASHING ARROW PANEL
- WORK AREA

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015611
4/18/25

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 93
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

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RTE 54
TRAFFIC CONTROL
SHEET 3 OF 40

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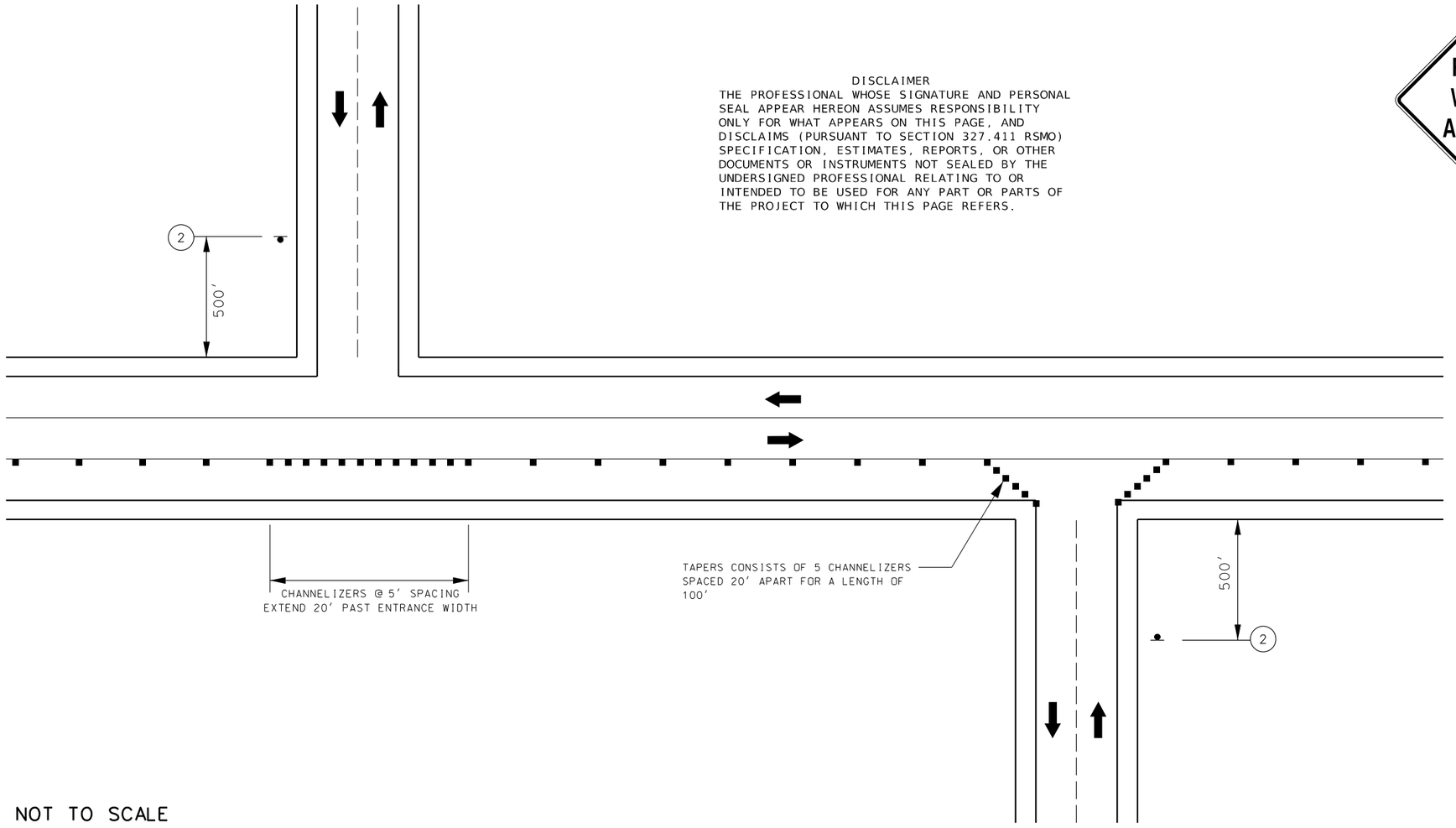

SIDE ROADS/ENTRANCES ENTERING
WORK ZONES

WO20-1
(2)

NOT TO SCALE

NOTES:

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE. GUIDANCE MAY RANGE FROM A ROAD WORK AHEAD SIGN, A FLAGGER AT AN INTERSECTION, OR USE OF A PILOT CAR.

UPON THE DISCRETION OF THE ENGINEER, ADDITIONAL WARNING SIGNS MAY BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE.

SIGNS MAY BE EXCLUDED FOR ENTRANCES AND DRIVEWAYS

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)

RTE 54
TRAFFIC CONTROL
SHEET 4 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	94

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com

Missouri Cert. of Authority 2002010300

TREKK DESIGN GROUP, LLC

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

NOT TO SCALE

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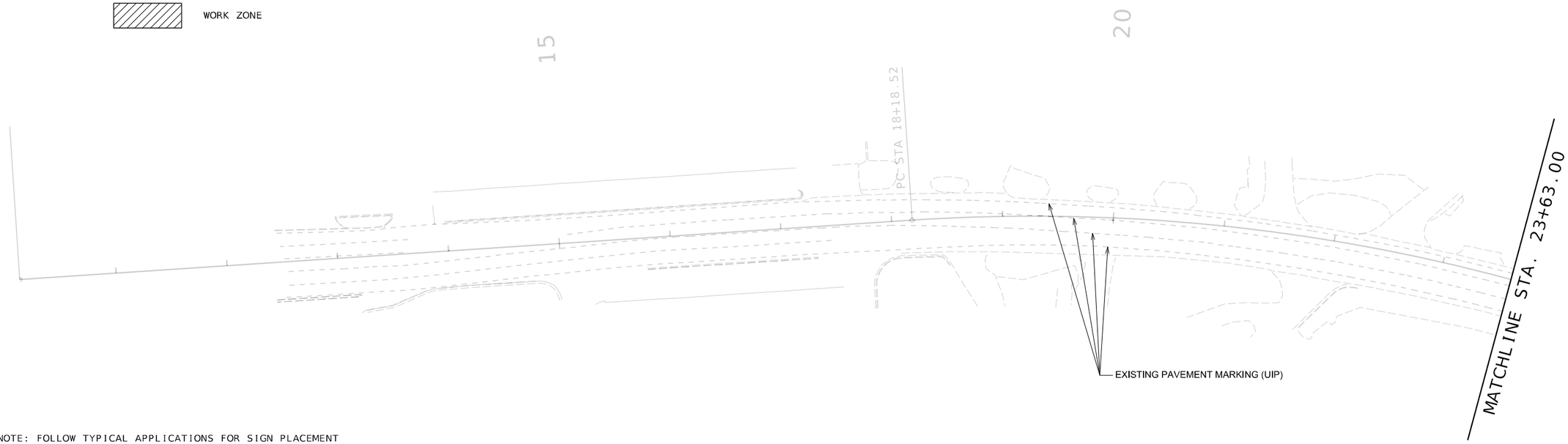
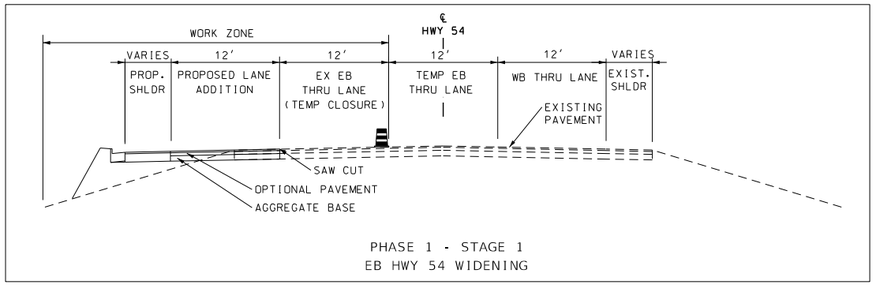


NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES



PHASE 1 - STAGE 1
EB HWY 54 WIDENING

PHASE 1 - STAGE 1

STA 44+00.00 TO STA 74+00.00
SAWCUT AND CONSTRUCT 12' PROPOSED LANE AND 5' SHOULDER ON SOUTH SIDE ALONG ROUTE 54
RECONSTRUCT EXISTING DRIVEWAYS/ENTRANCE

RTE 54
TRAFFIC CONTROL
SHEET 5 OF 40

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015611
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 95
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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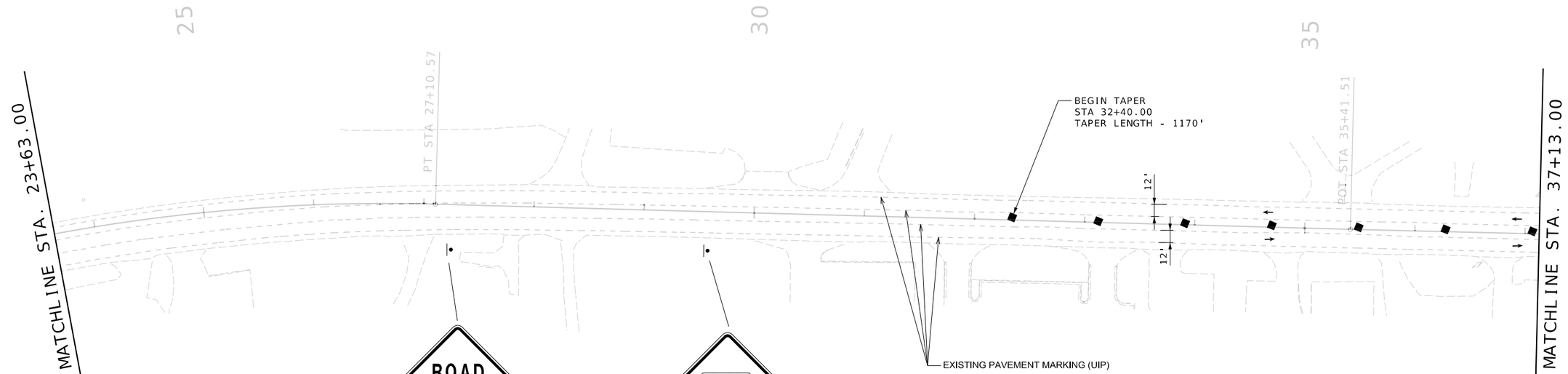

WO20-1
(2)

WO20-6a
(6)

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 1 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 6 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 96
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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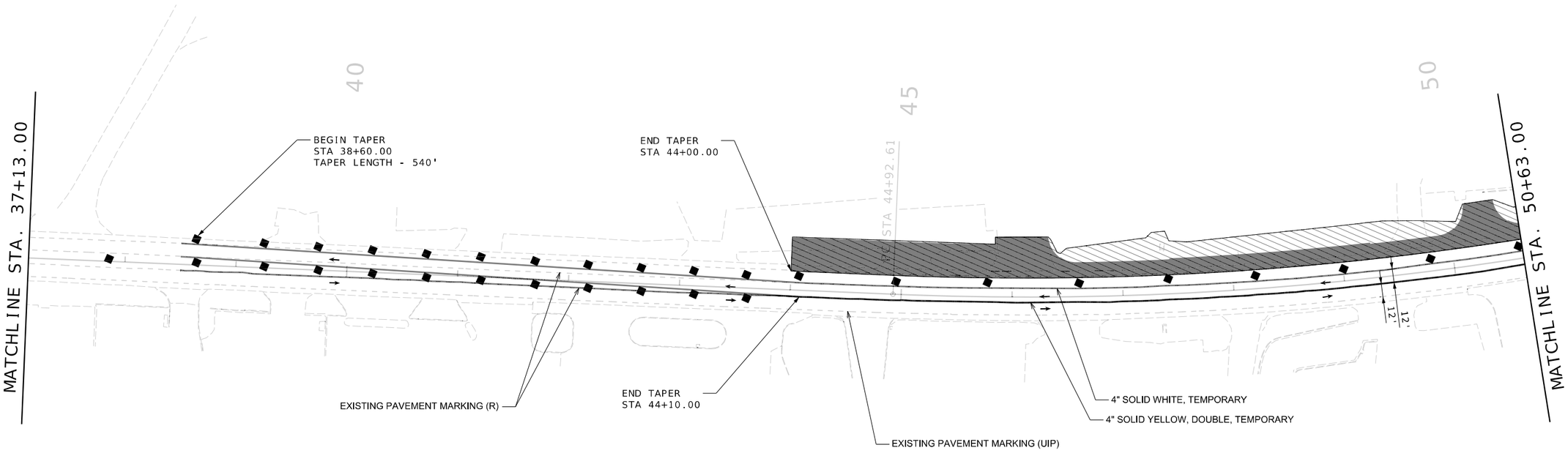

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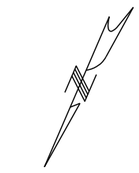

NOT TO SCALE

PHASE 1 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 7 OF 40

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015611
4/18/25

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 97
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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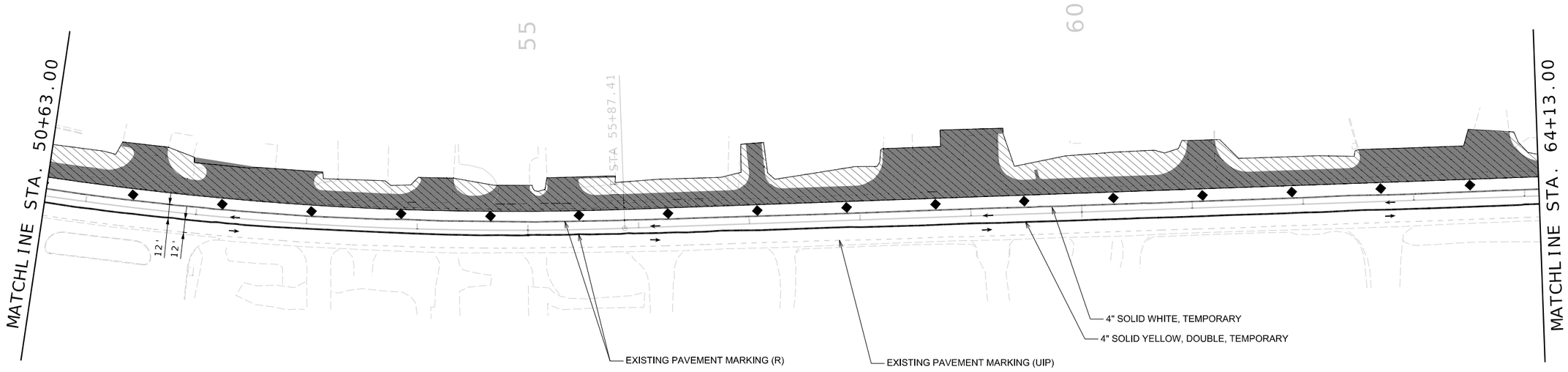

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PHASE 1 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 8 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015617
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	98

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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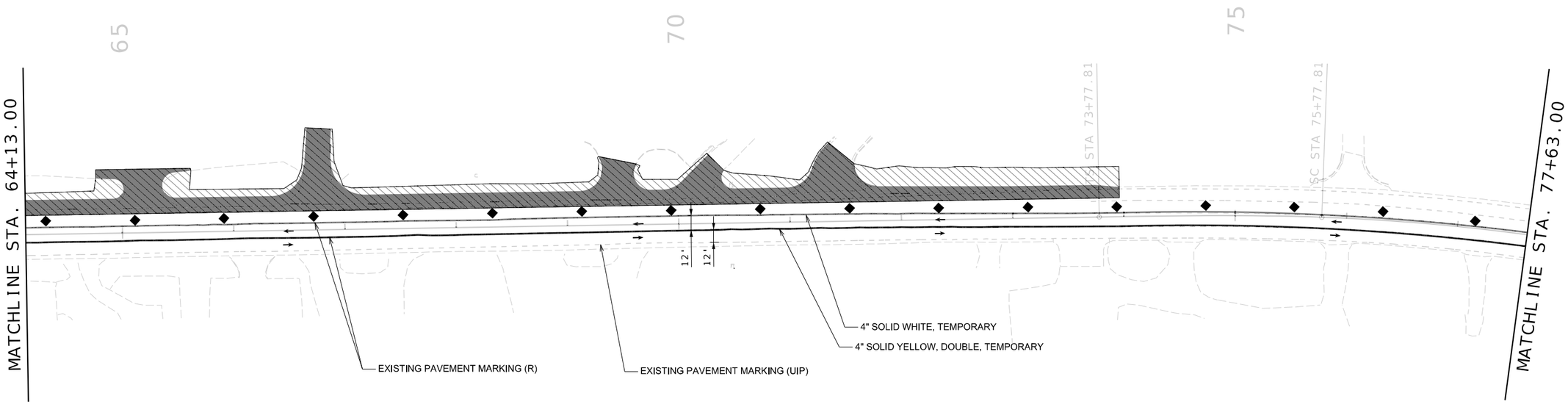

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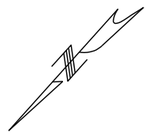

NOT TO SCALE

PHASE 1 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 9 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	99

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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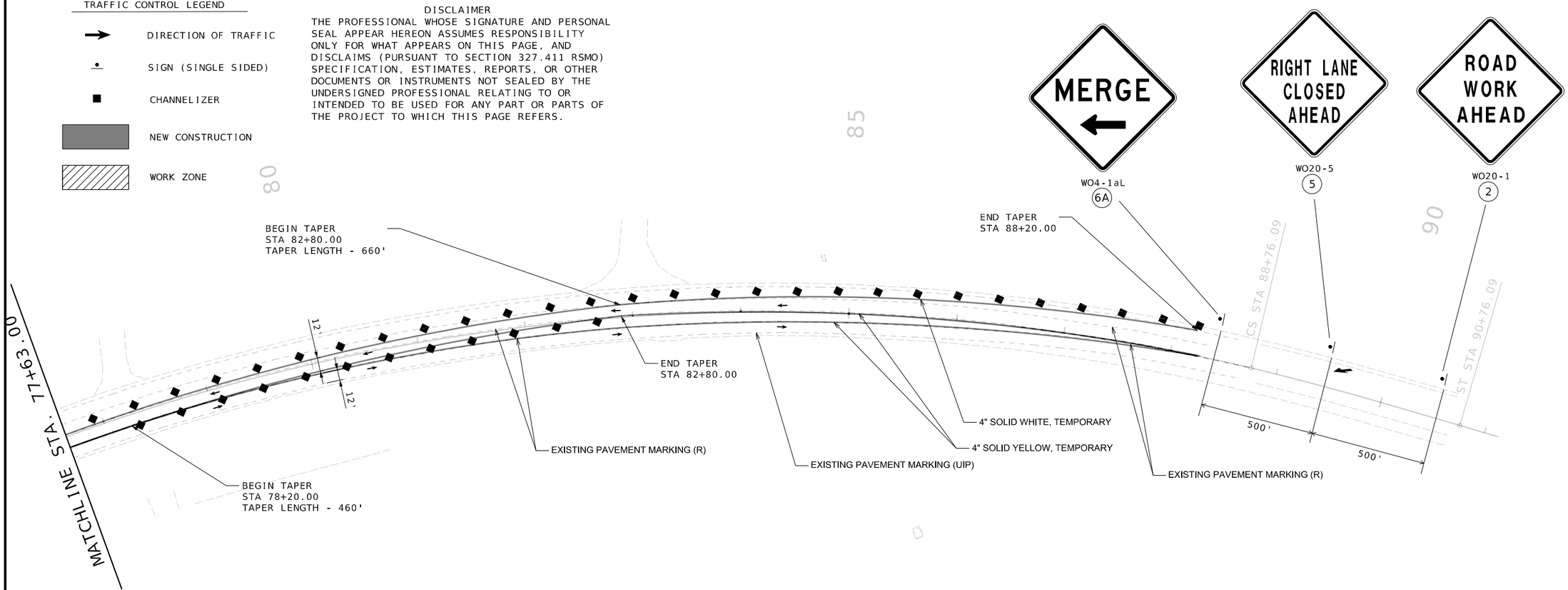

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NOT TO SCALE

PHASE 1 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 10 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 100
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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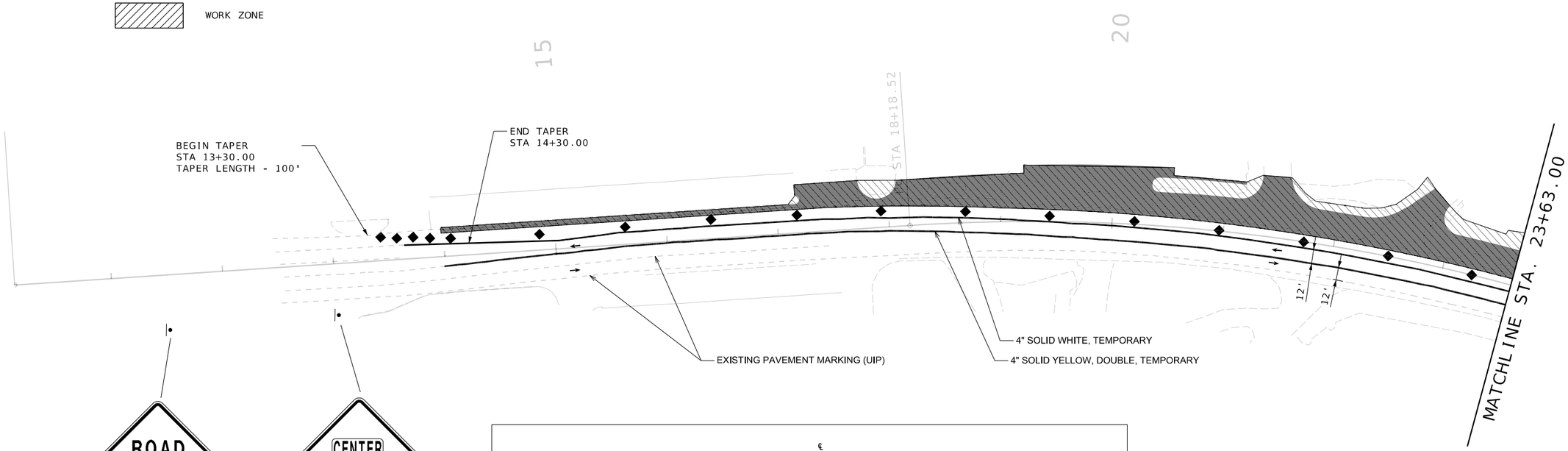

WO20-1
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WO20-6a
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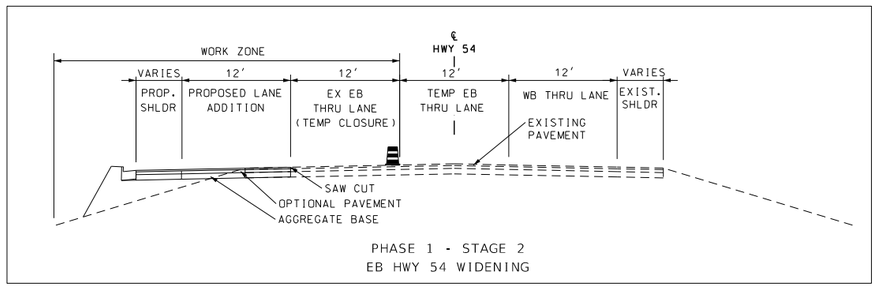

PHASE 1 - STAGE 2
EB HWY 54 WIDENING

NOT TO SCALE

PHASE 1 - STAGE 2

STA 14+00.00 TO STA 44+00.00
SAWCUT AND CONSTRUCT 12' PROPOSED LANE AND 5' SHOULDER ON SOUTH SIDE ALONG ROUTE 54
RECONSTRUCT EXISTING DRIVEWAYS/ENTRANCES

RTE 54
TRAFFIC CONTROL
SHEET 11 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 101
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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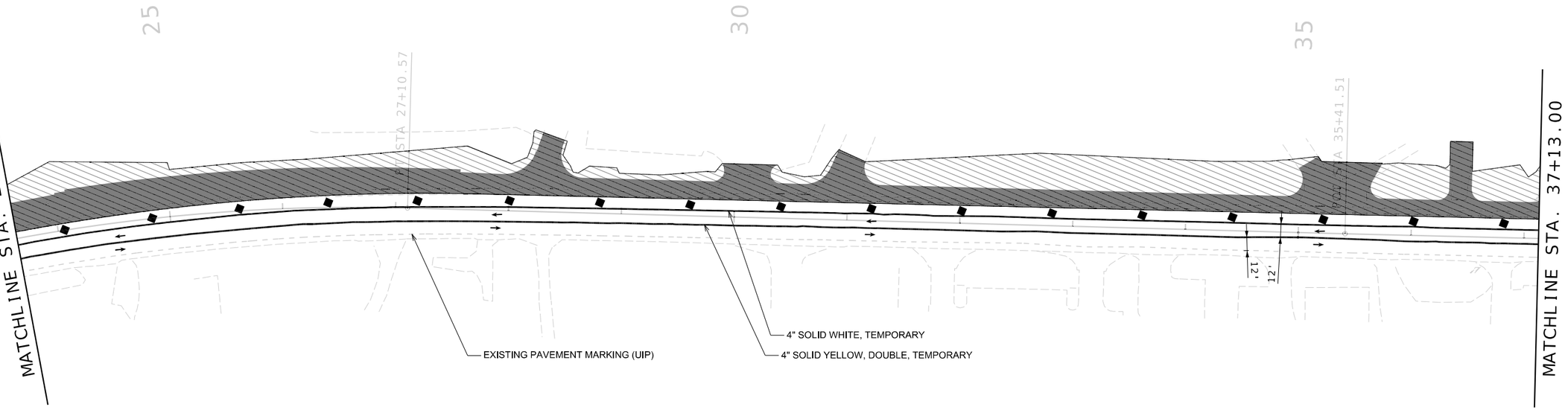

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NOT TO SCALE

PHASE 1 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 12 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 102
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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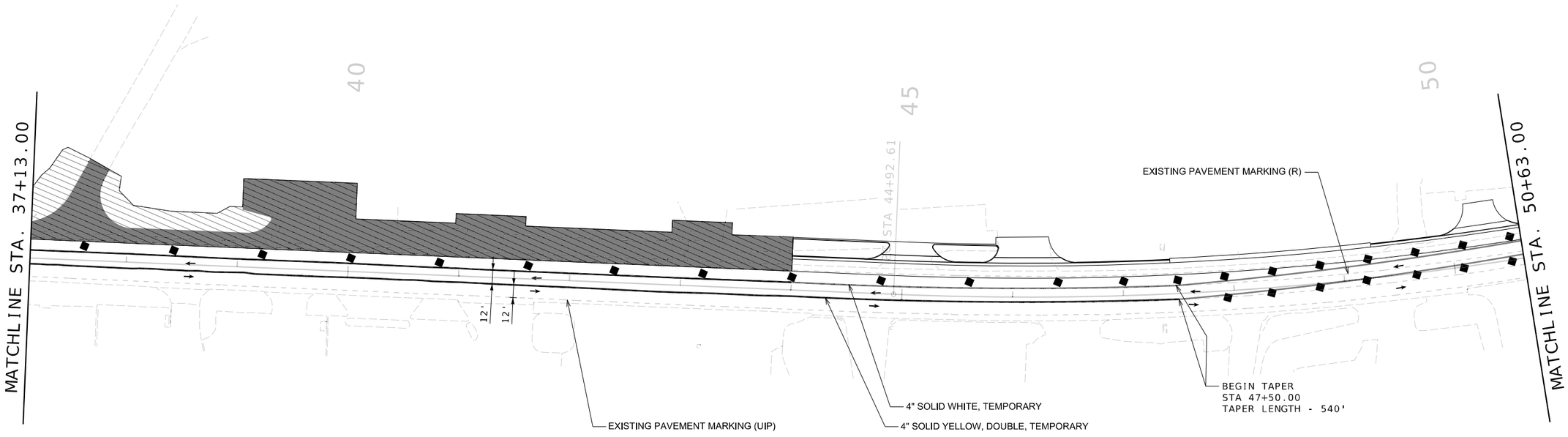

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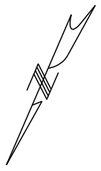

NOT TO SCALE

PHASE 1 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 13 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	103

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

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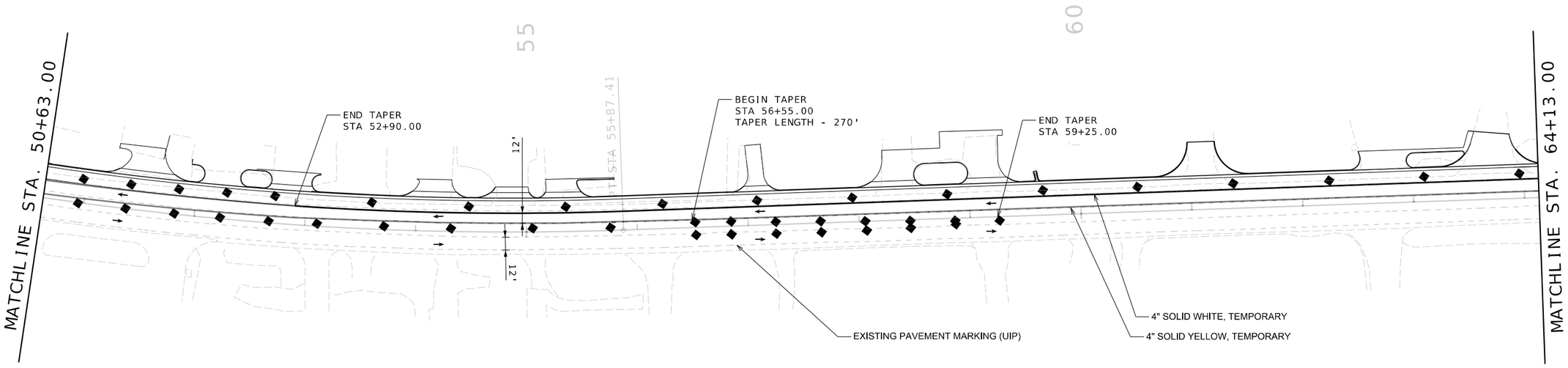

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NOT TO SCALE

PHASE 1 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 14 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	104

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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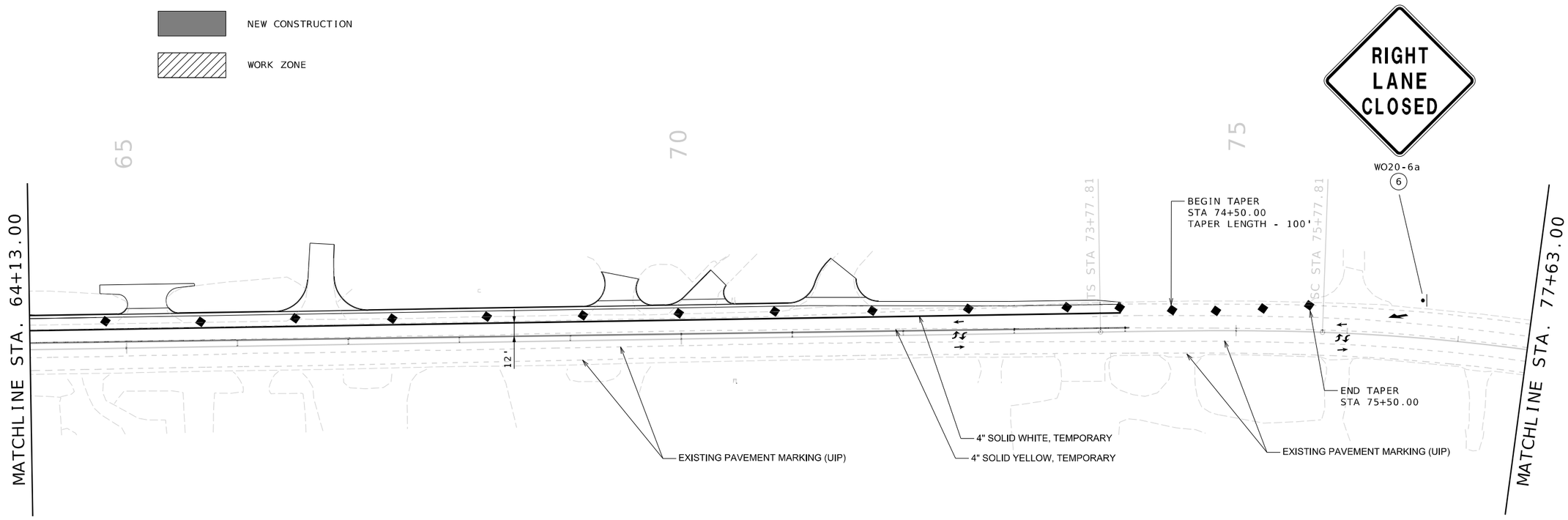

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 1 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 15 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	105

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

WO20-1
(2)

80

85

90

CS STA 88+76.09

ST STA 90+76.09

EXISTING PAVEMENT MARKING (UIP)

MATCHLINE STA. 77+63.00

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 1 - STAGE 2

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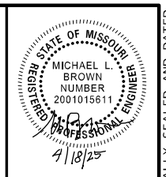

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 106
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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RTE 54
TRAFFIC CONTROL
SHEET 16 OF 40

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
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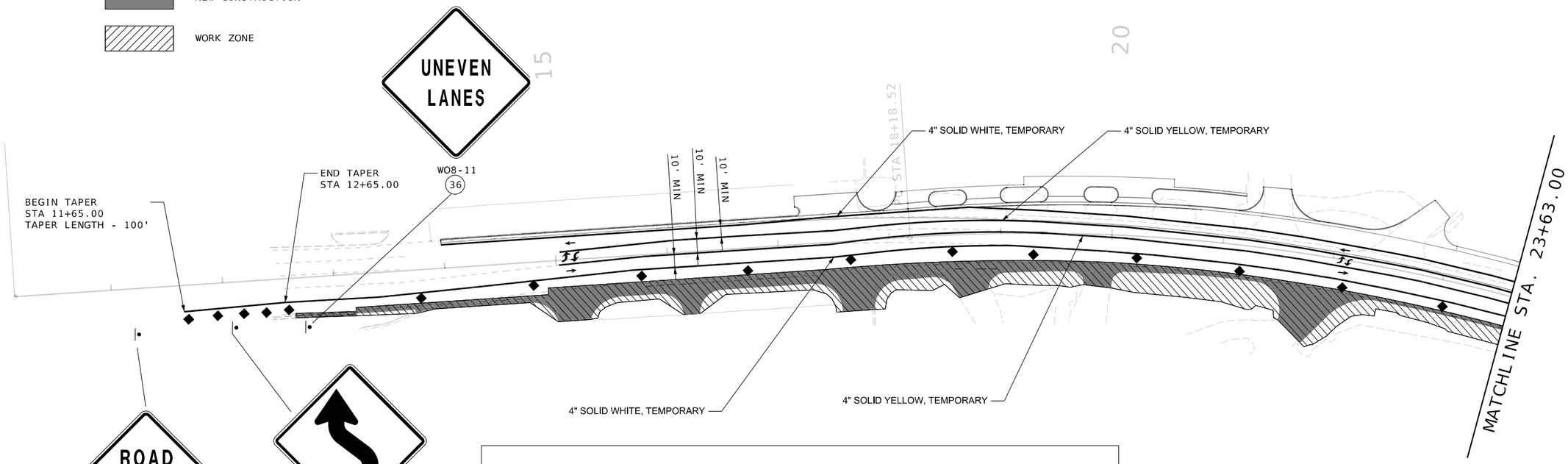

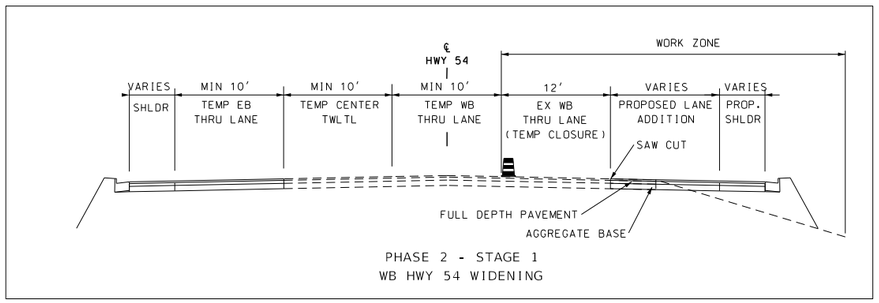

PHASE 2 - STAGE 1
WB HWY 54 WIDENING

NOT TO SCALE

PHASE 2 - STAGE 1

STA 12+65.00 TO STA 43+00.00
SAWCUT AND CONSTRUCT PROPOSED LANE AND SHOULDER ON NORTH SIDE ALONG ROUTE 54
RECONSTRUCT EXISTING DRIVEWAYS/ENTRANCES

RTE 54
TRAFFIC CONTROL
SHEET 17 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 107
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL LEGEND

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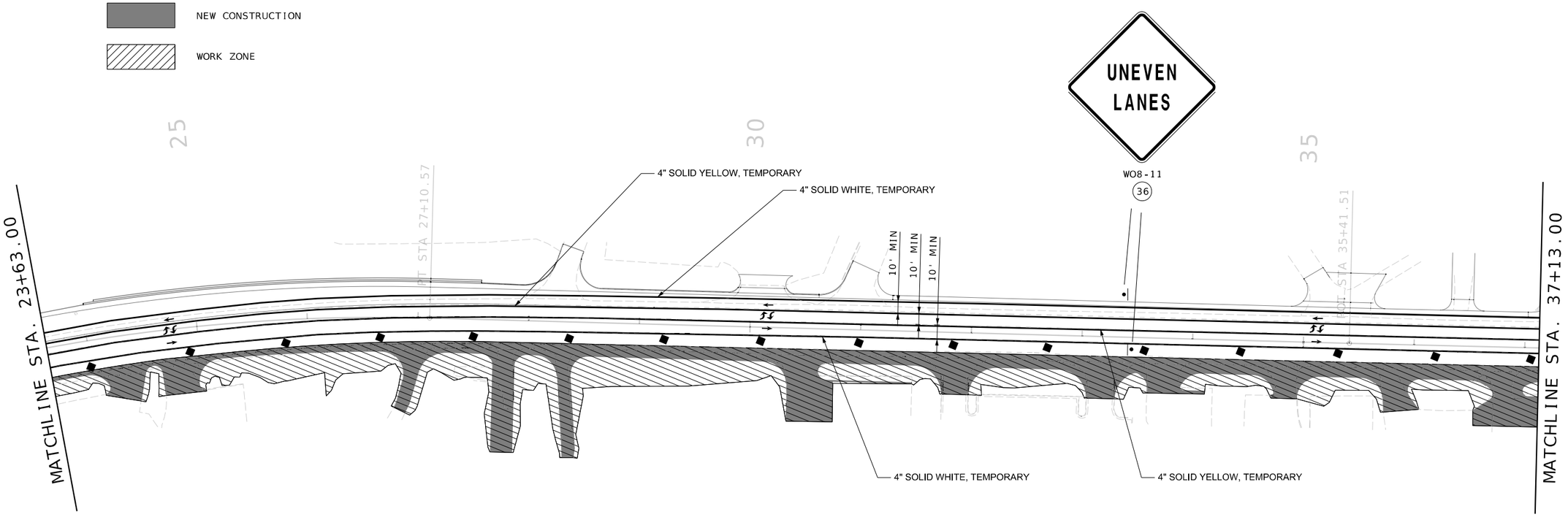

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 18 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	108

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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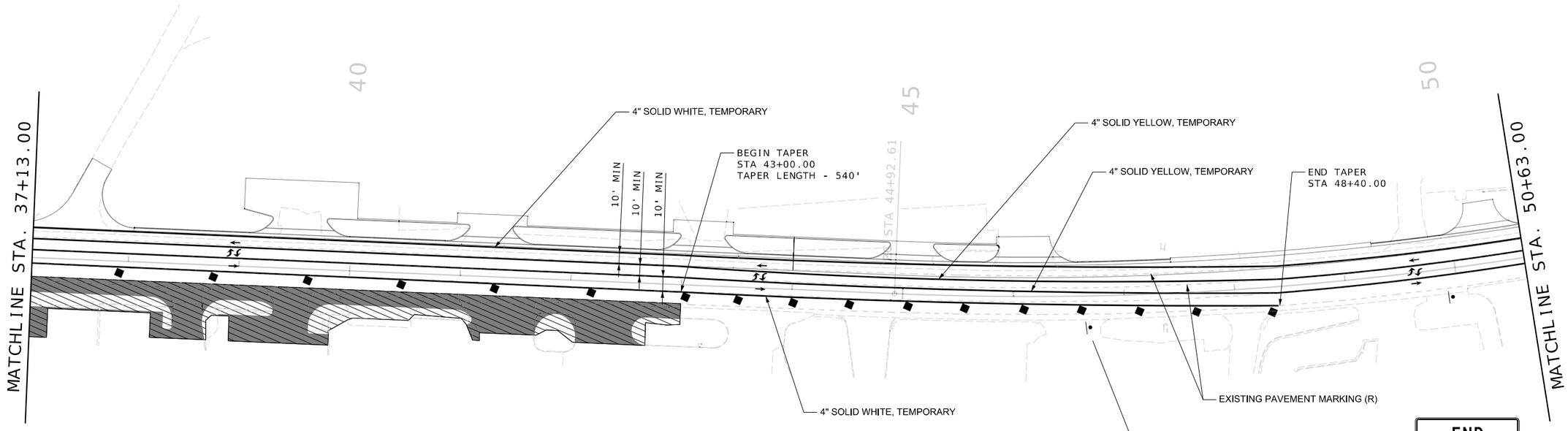

END ROAD WORK
G020-2
(26)

W01-4R
(15)

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 19 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 109
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

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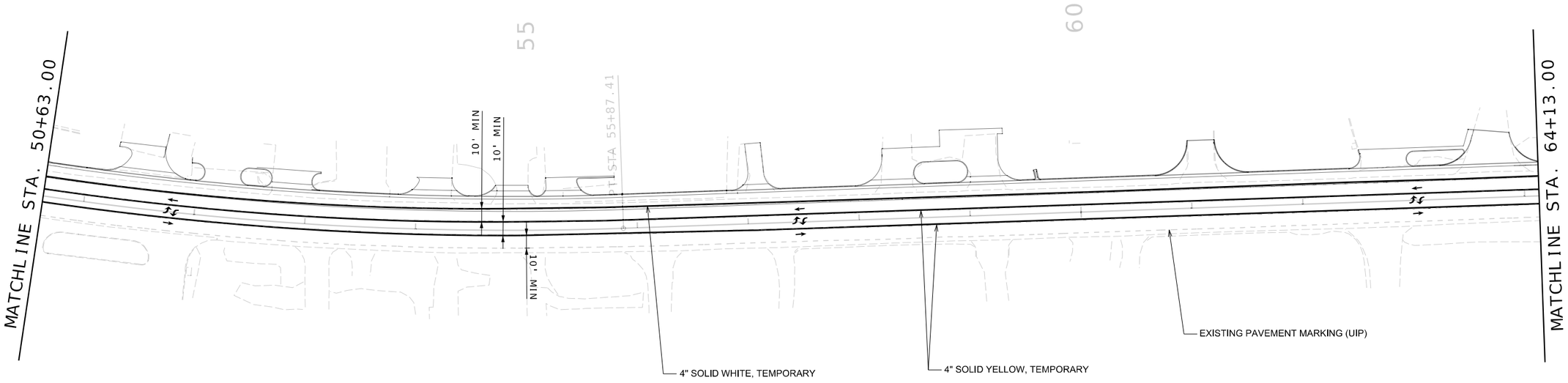

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NOT TO SCALE

PHASE 2 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 20 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	110

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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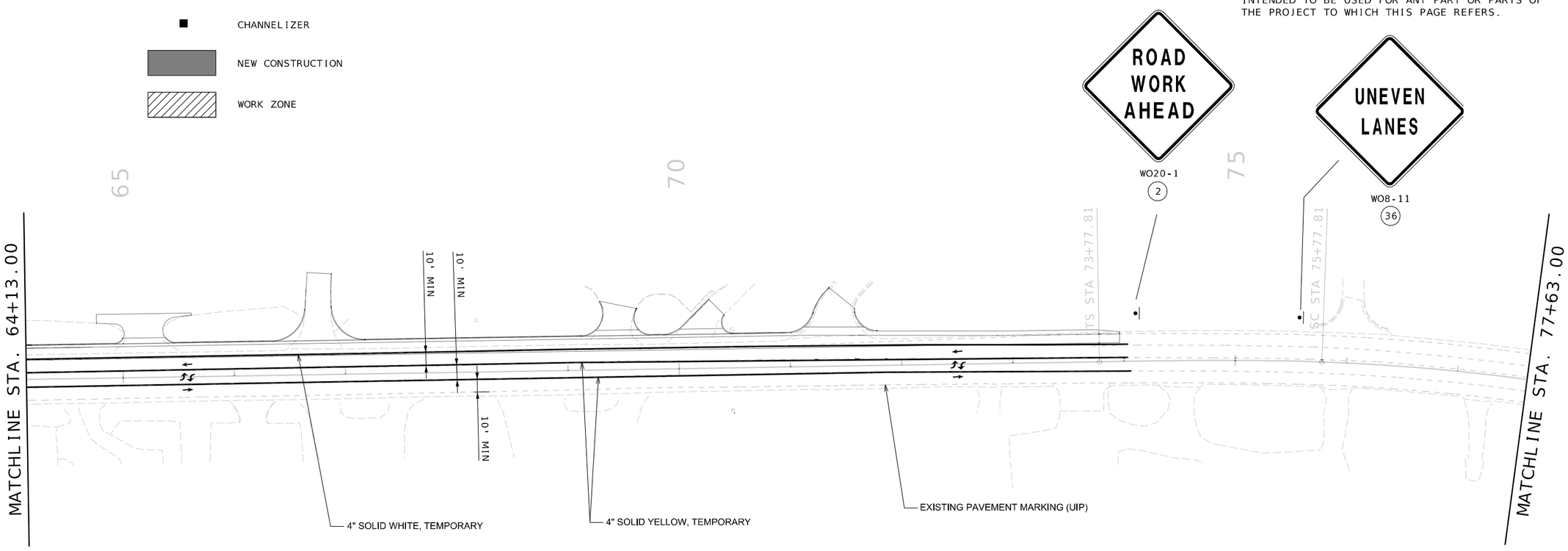

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ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 21 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	111

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL LEGEND

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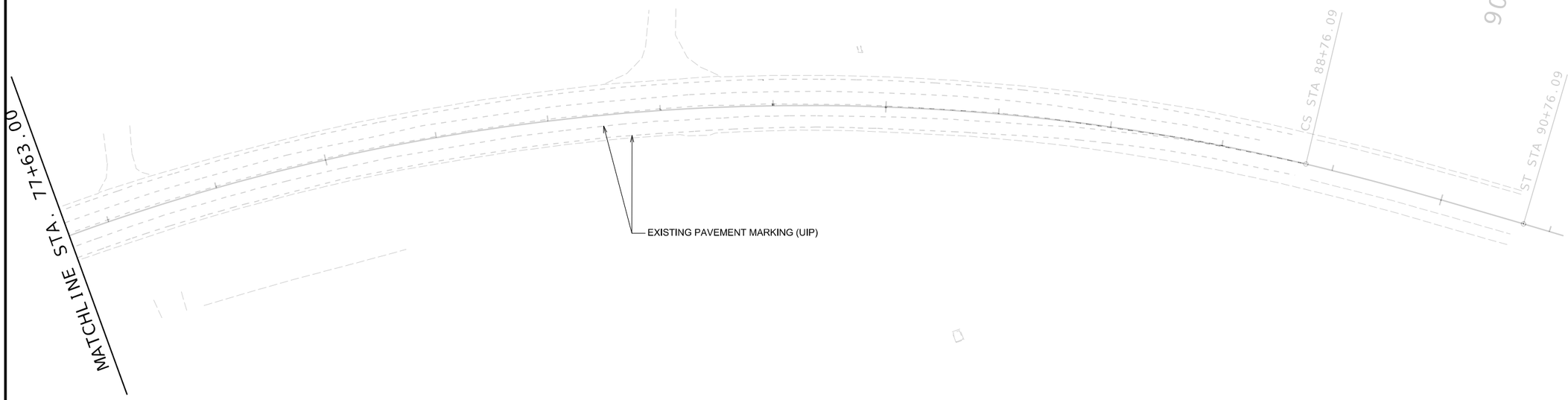

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FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 22 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 112
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL LEGEND

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- CHANNELIZER
- NEW CONSTRUCTION
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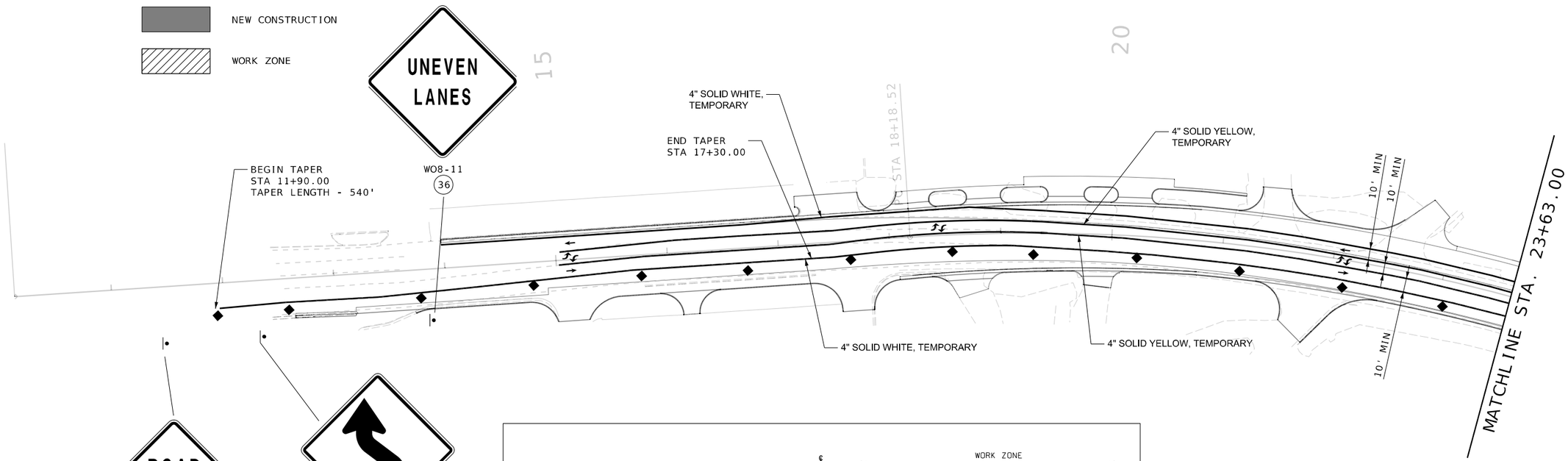

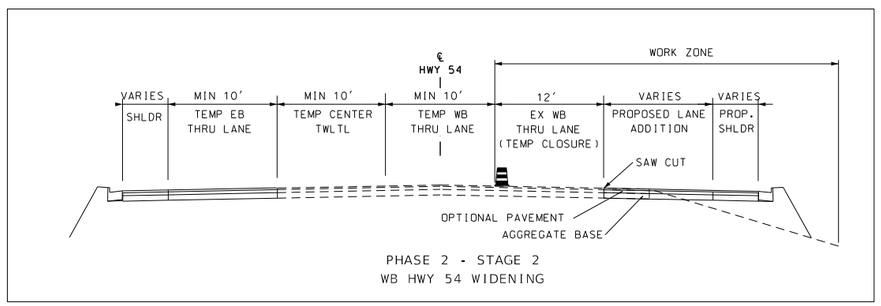

PHASE 2 - STAGE 2
WB HWY 54 WIDENING

NOT TO SCALE

PHASE 2 - STAGE 2

STA 43+00.00 TO STA 71+15.00
SAWCUT AND CONSTRUCT PROPOSED LANE AND SHOULDER ON NORTH SIDE ALONG ROUTE 54
RECONSTRUCT EXISTING DRIVEWAYS/ENTRANCES

RTE 54
TRAFFIC CONTROL
SHEET 23 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 113
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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JEFFERSON CITY, MO 65102
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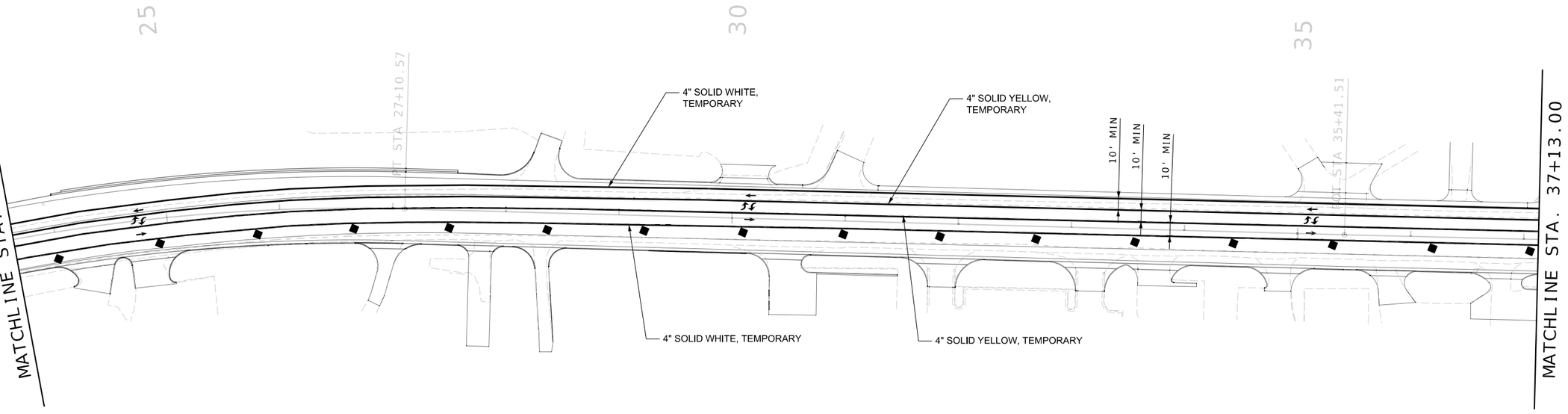

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
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ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 24 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 114
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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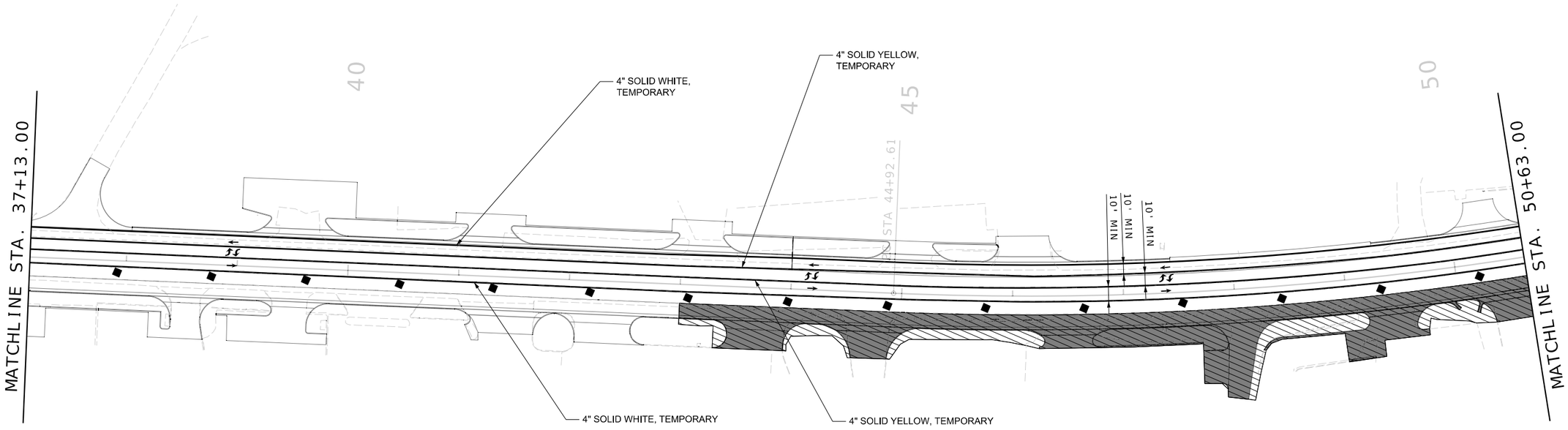

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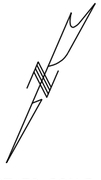

NOT TO SCALE

PHASE 2 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 25 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 115
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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- WORK ZONE

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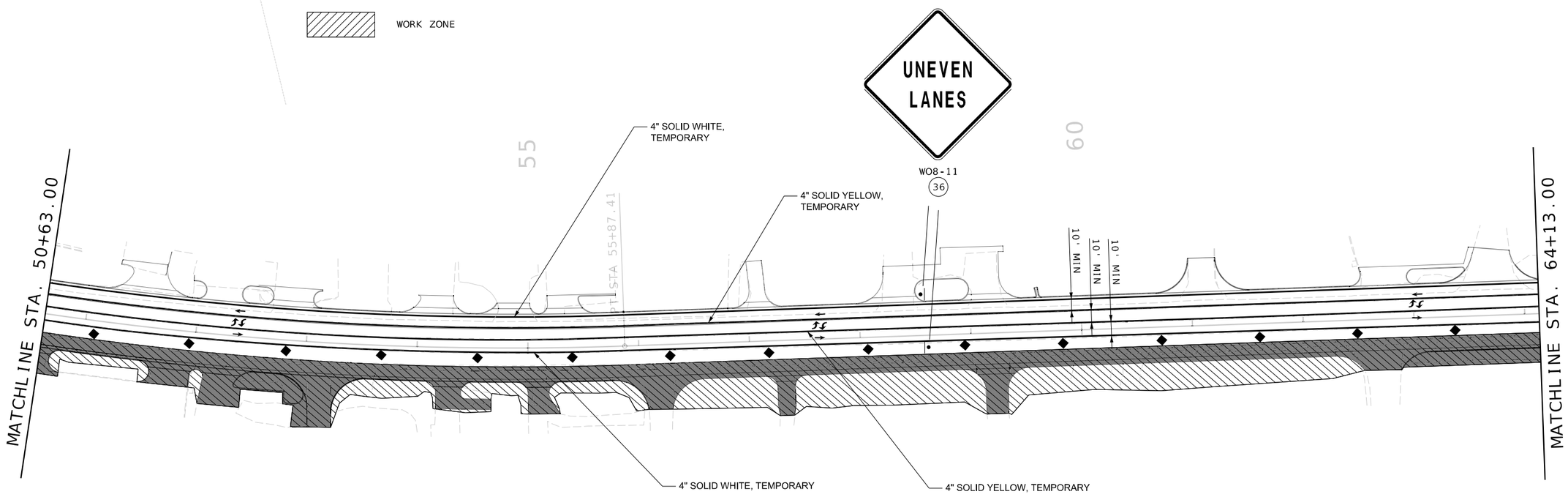
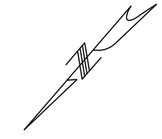


NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES



NOT TO SCALE

PHASE 2 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 26 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	116

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com

Missouri Cert. of Authority 2002010300

TREKK DESIGN GROUP, LLC

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

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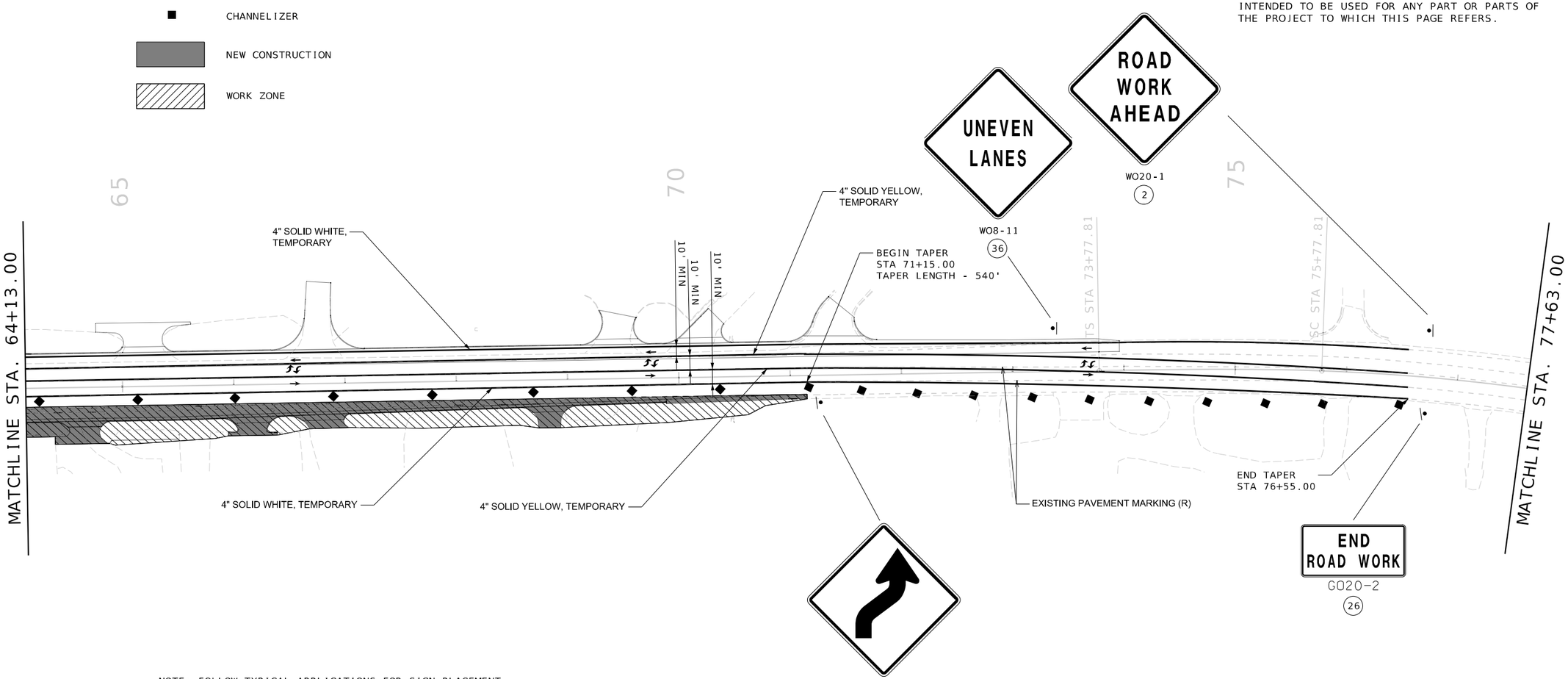

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 27 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 117
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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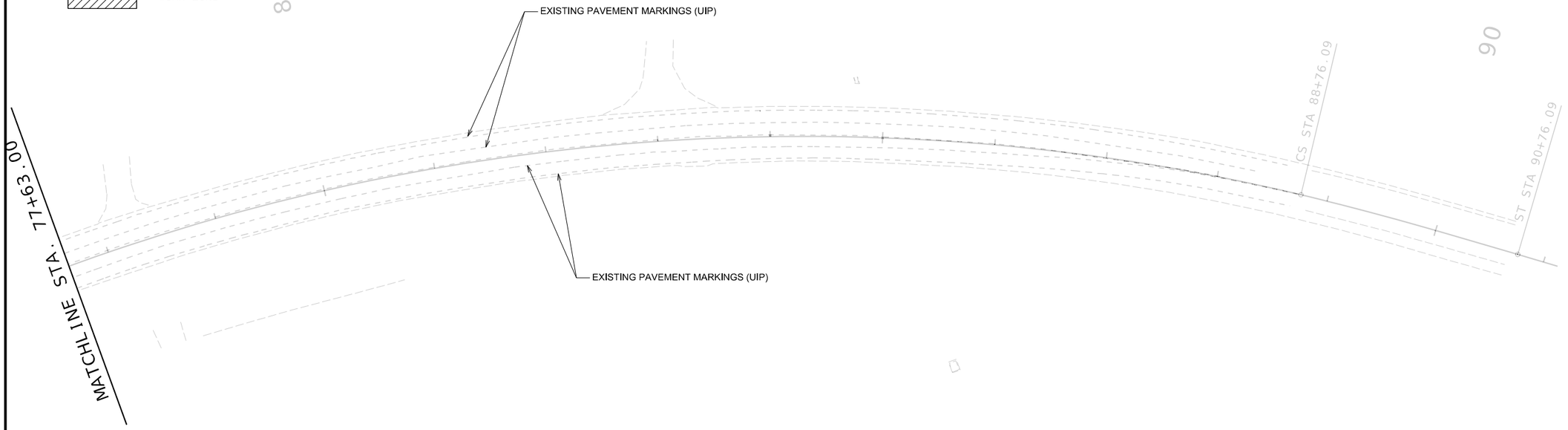
TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE



NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 2 - STAGE 2

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STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 118
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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RTE 54
TRAFFIC CONTROL
SHEET 28 OF 40

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES
MILL ONLY OVER EXISTING PAVEMENT

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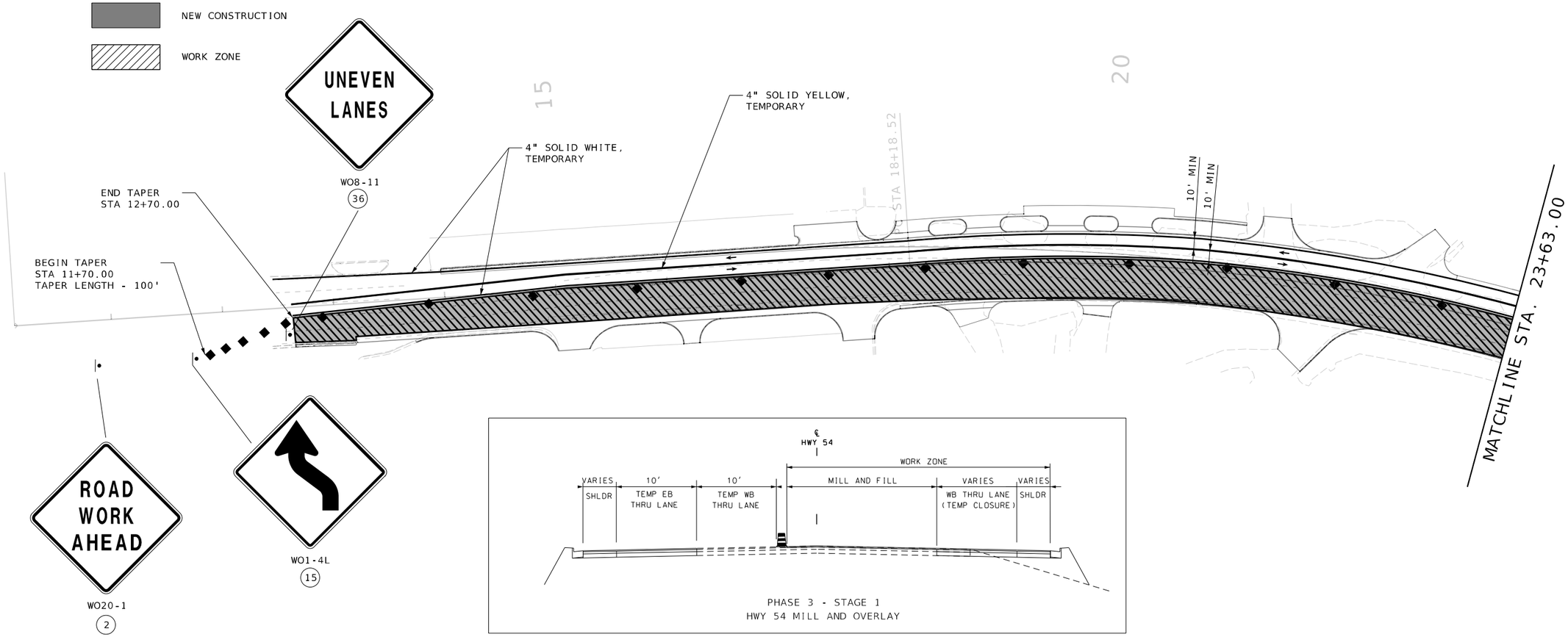

PHASE 3 - STAGE 1
HWY 54 MILL AND OVERLAY

PHASE 3 - STAGE 1

STA 12+65.00 TO STA 73+95.00
MILL EXISTING PAVEMENT AND OVERLAY ON NORTH SIDE ALONG ROUTE 54

RTE 54
TRAFFIC CONTROL
SHEET 29 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 119
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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TREKK DESIGN GROUP, LLC

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

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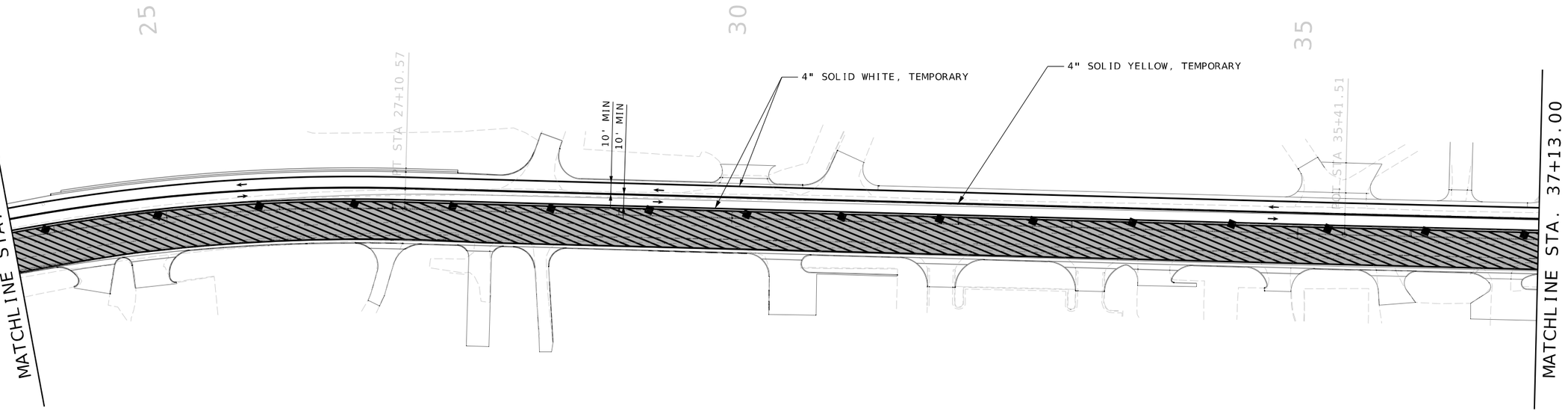
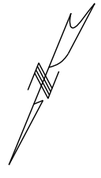


NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES



NOT TO SCALE

PHASE 3 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 30 OF 40

STATE OF MISSOURI
REGISTERED
MICHAEL L. BROWN
NUMBER 2001015611
PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	120

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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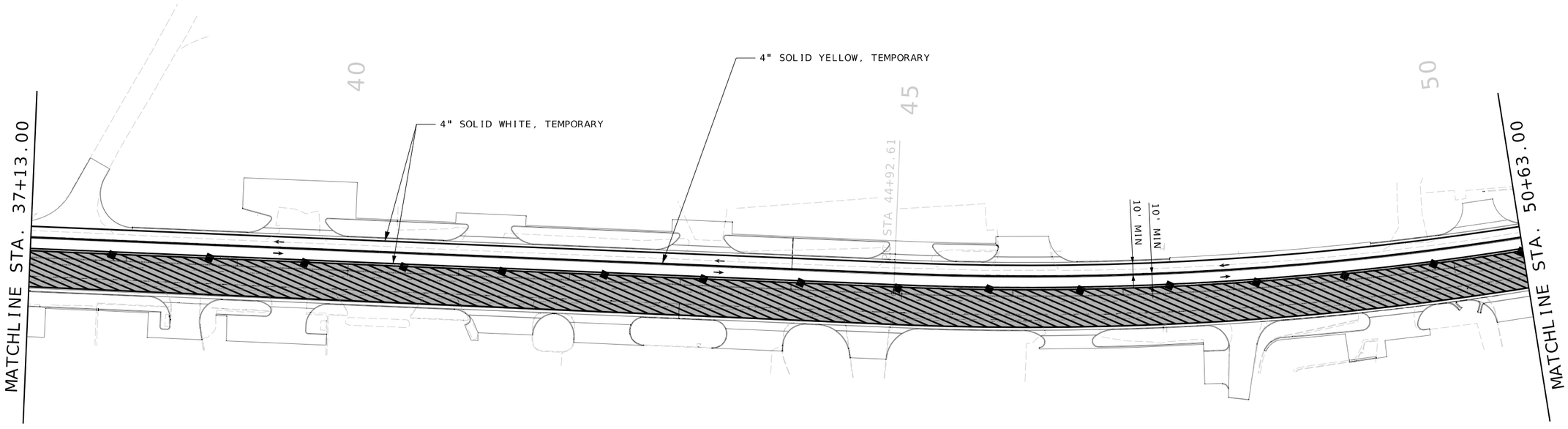
TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE



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FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 1

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STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 121
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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105 WEST CAPITOL
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Kansas City, MO 64131
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RTE 54
TRAFFIC CONTROL
SHEET 31 OF 40

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

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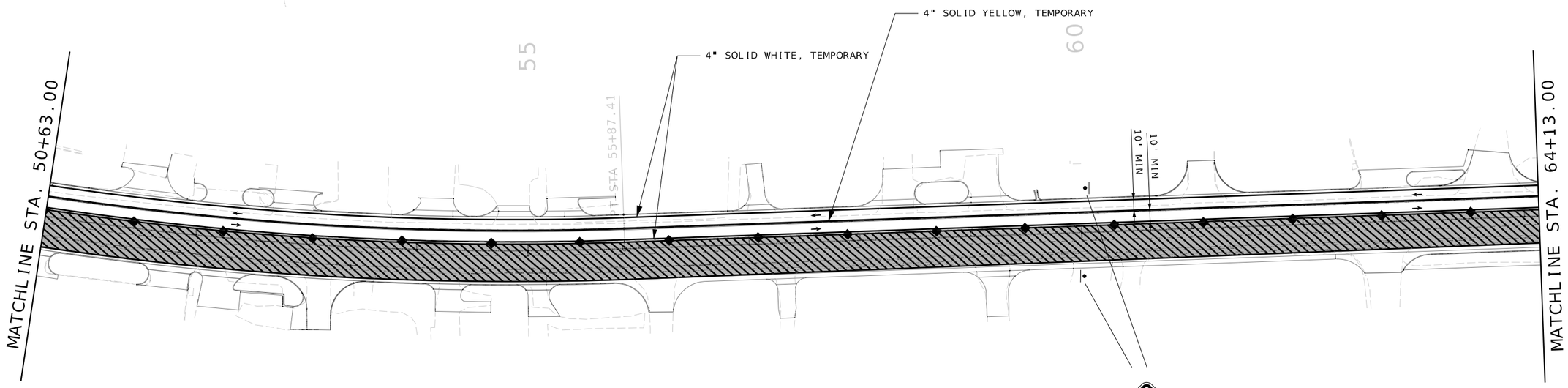

WO8-11
(36)

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 32 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 122
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of Authority 2002010300
TREKK DESIGN GROUP, LLC

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

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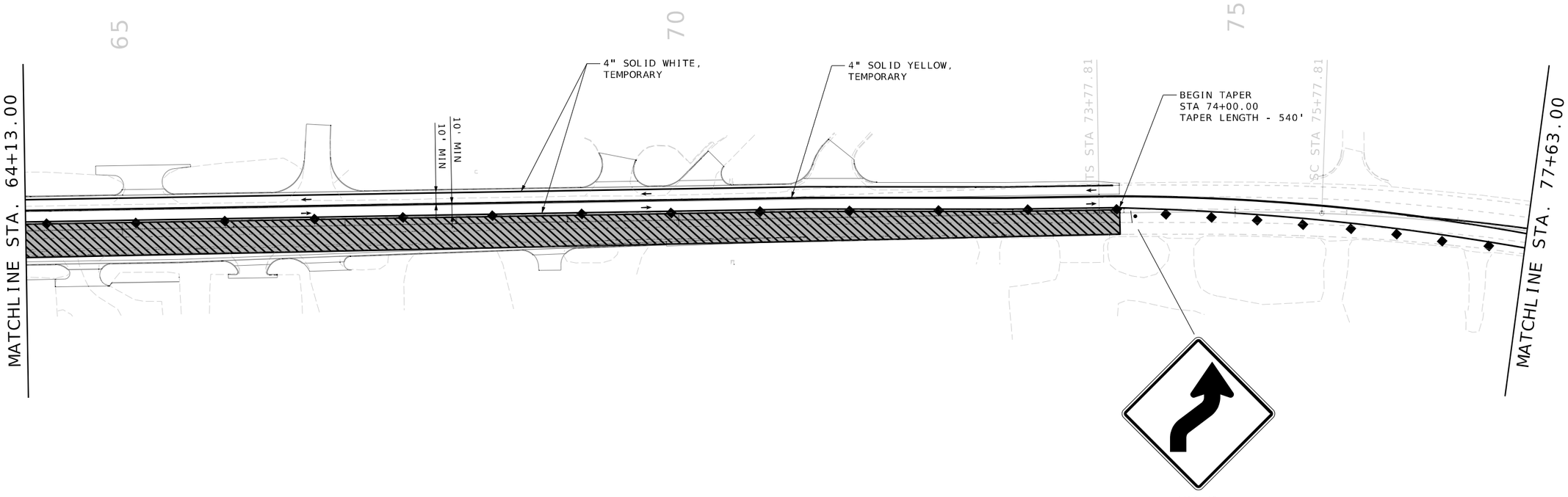

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FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 1

RTE 54
TRAFFIC CONTROL
SHEET 33 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 123
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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- CHANNELIZER
- NEW CONSTRUCTION
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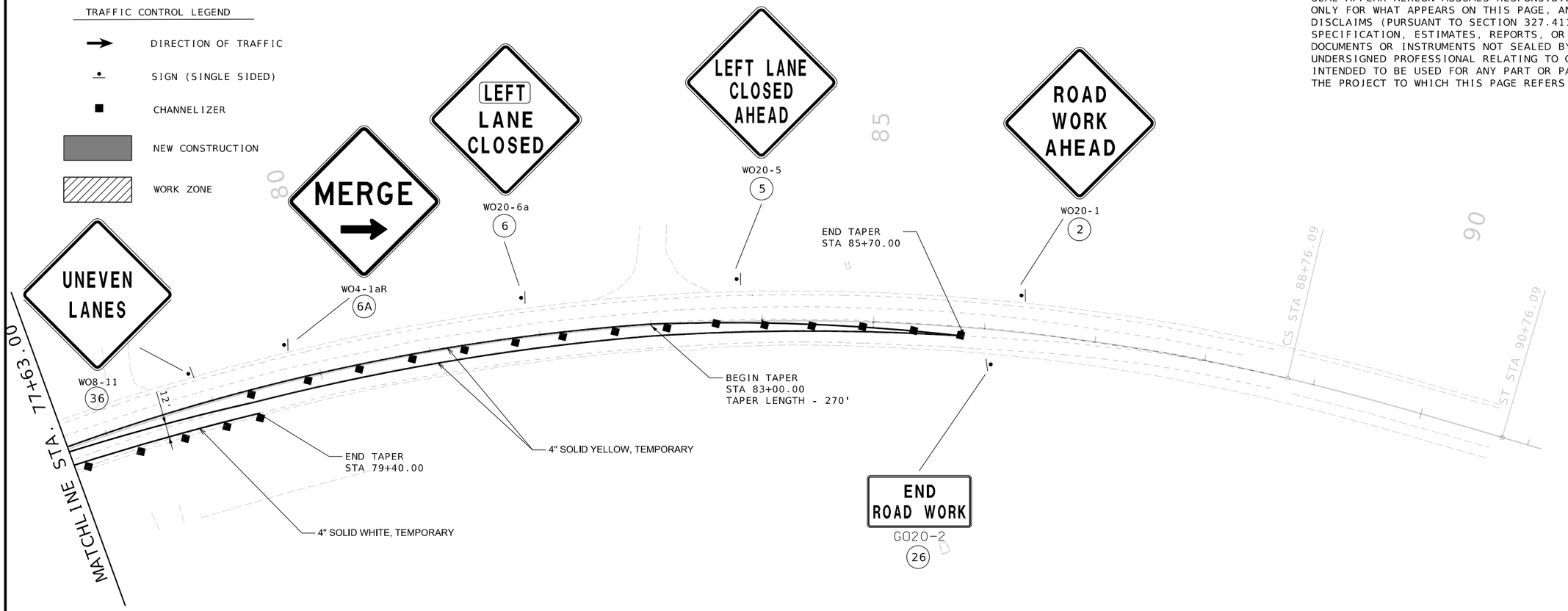

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PHASE 3 - STAGE 1

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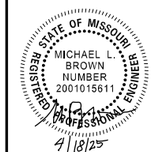

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/18/25
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 124
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Missouri Cert. of Authority 2002010300

RTE 54
TRAFFIC CONTROL
SHEET 34 OF 40

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES
MILL ONLY OVER EXISTING PAVEMENT

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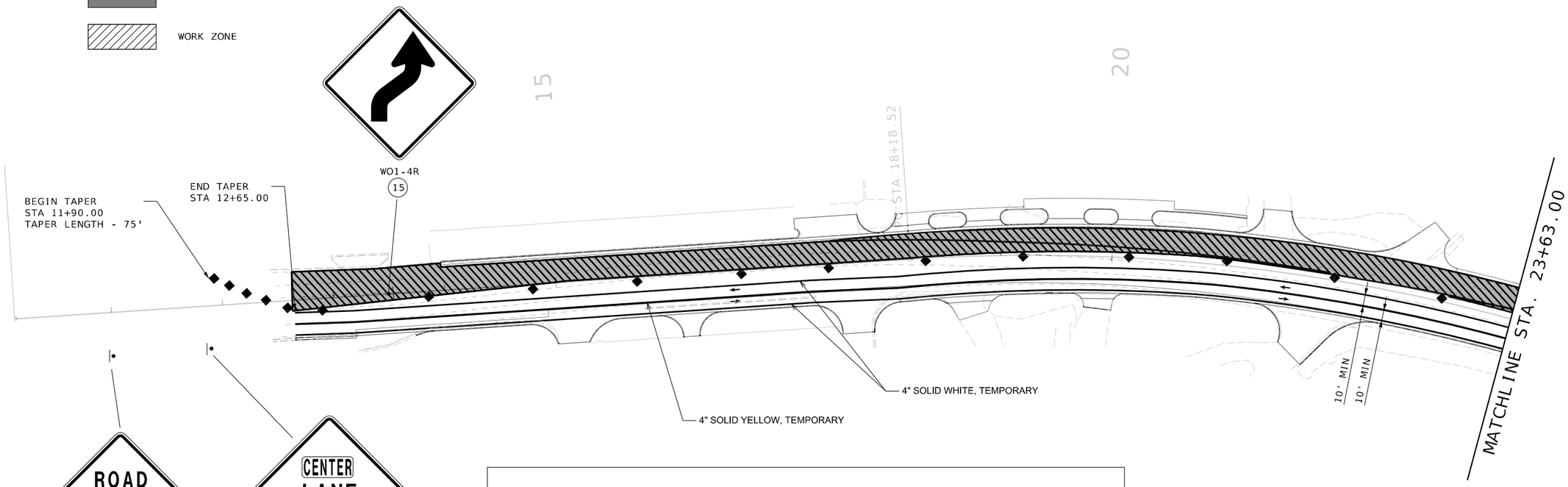
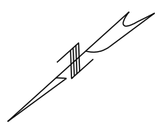


WO20-1
2

WO20-6a
6



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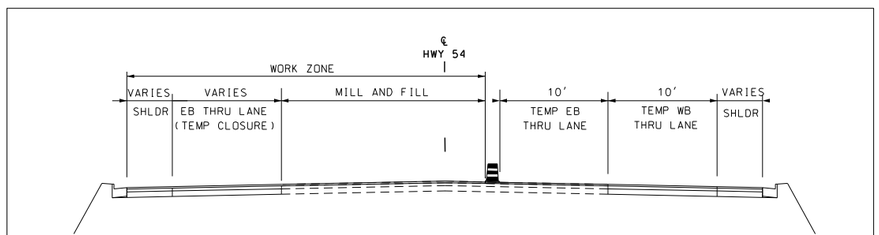

PHASE 3 - STAGE 2
HWY 54 MILL AND OVERLAY

PHASE 3 - STAGE 2

STA 12+65.00 TO STA 73+95.00
MILL EXISTING PAVEMENT AND OVERLAY ON SOUTH SIDE ALONG ROUTE 54

RTE 54
TRAFFIC CONTROL
SHEET 35 OF 40

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015617
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 125
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
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Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

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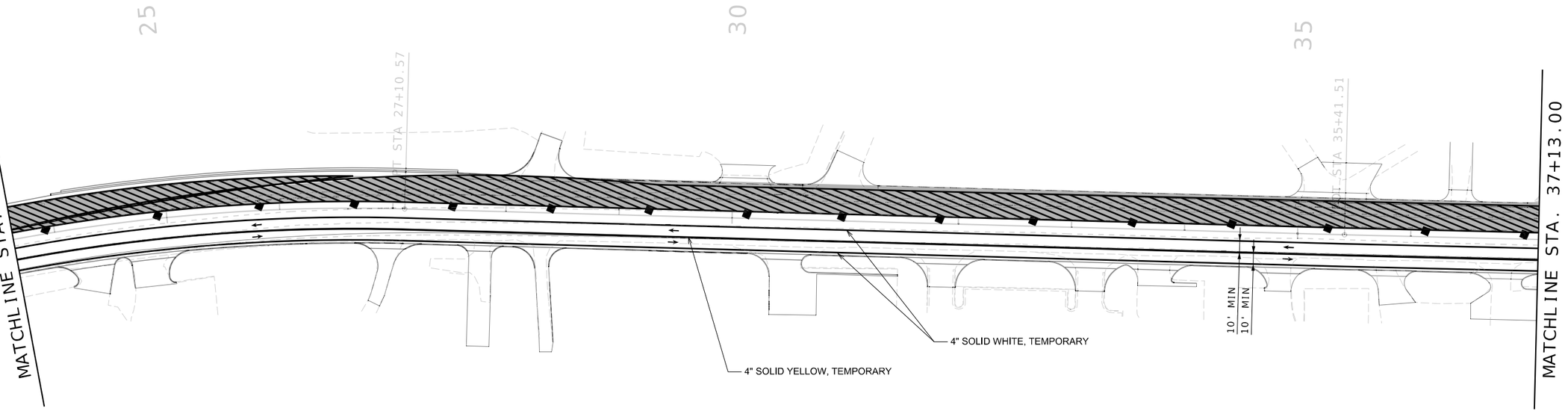

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
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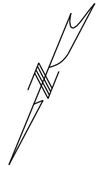

NOT TO SCALE

PHASE 3 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 36 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	126

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4855
Fax (816) 874-4875
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

TRAFFIC CONTROL LEGEND

- DIRECTION OF TRAFFIC
- SIGN (SINGLE SIDED)
- CHANNELIZER
- NEW CONSTRUCTION
- WORK ZONE

DISCLAIMER
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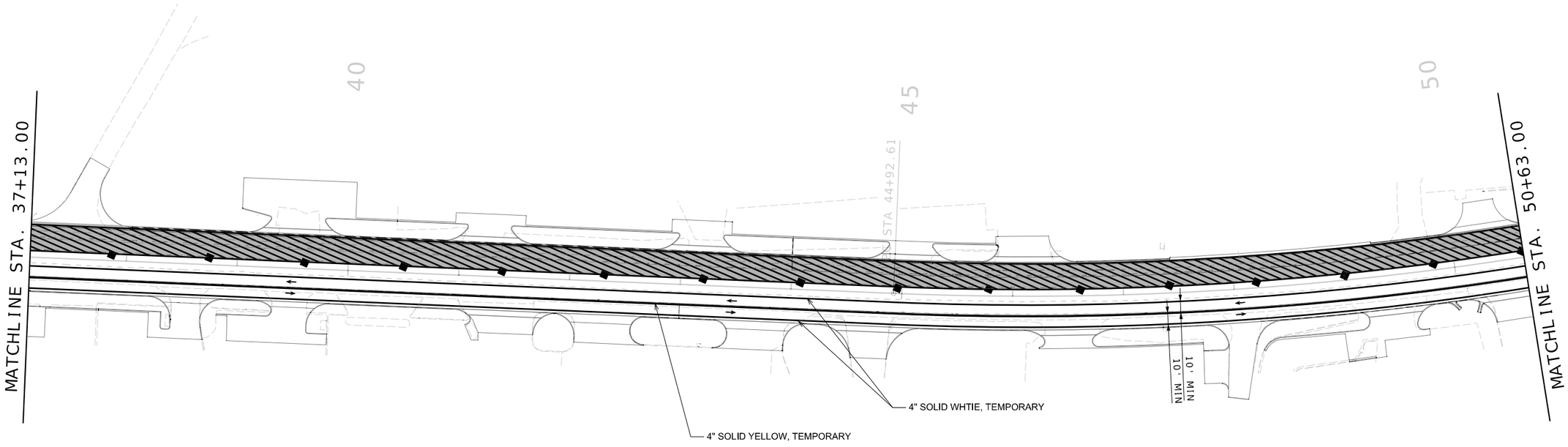
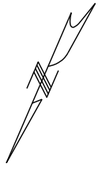


NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES



NOT TO SCALE

PHASE 3 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 37 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	127

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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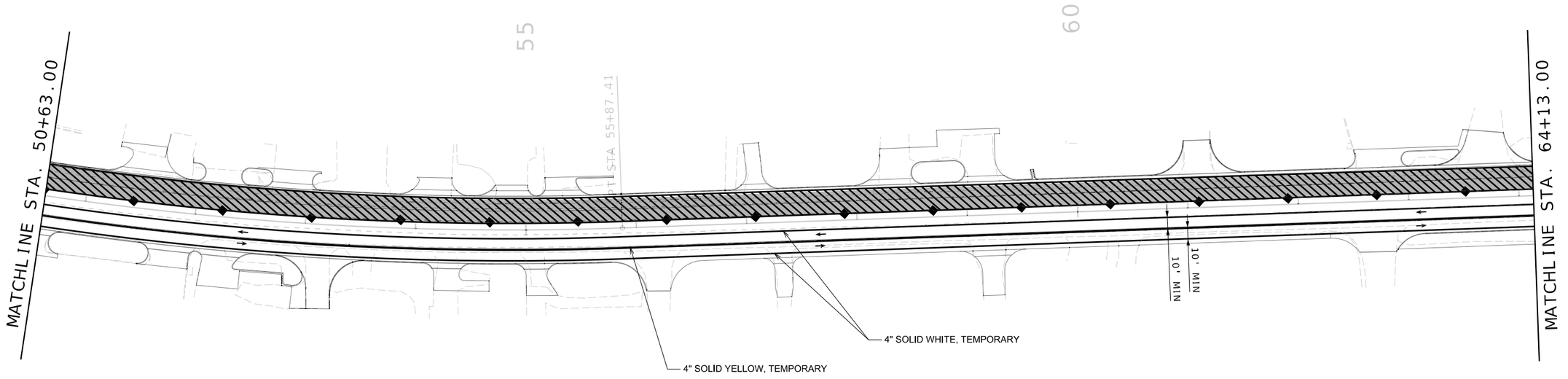

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FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 38 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	128

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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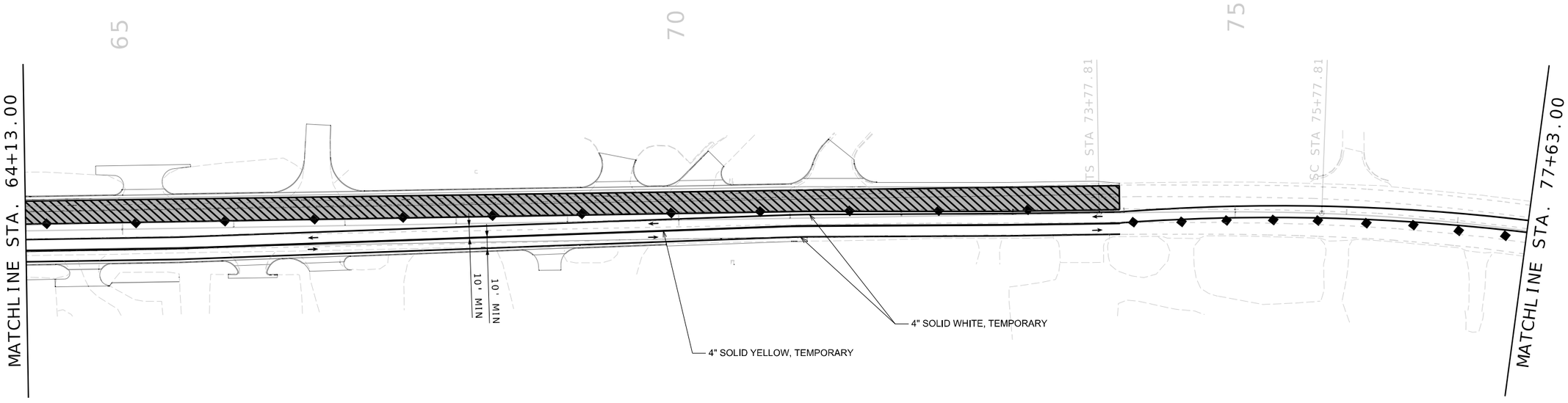

NOTE: FOLLOW TYPICAL APPLICATIONS FOR SIGN PLACEMENT
FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 39 OF 40

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	129

COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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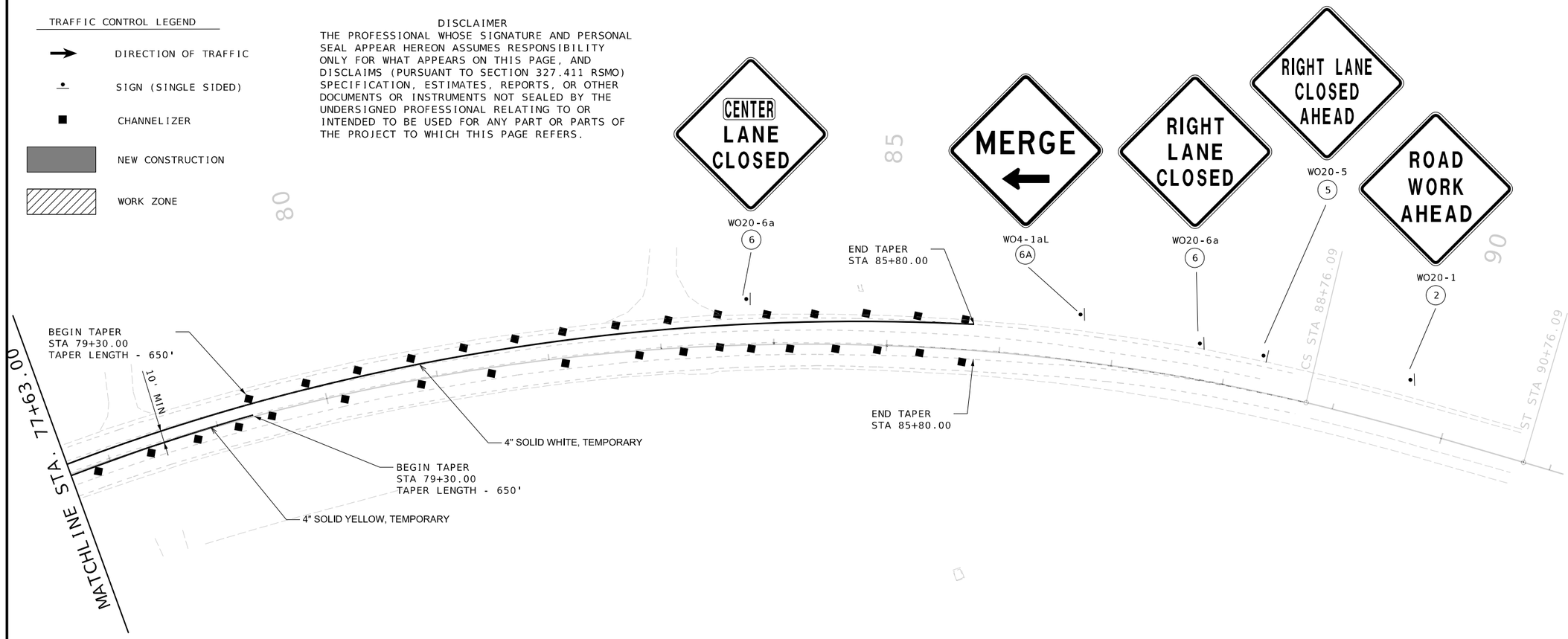

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FOLLOW TYPICAL APPLICATIONS FOR CHANNELIZER SPACING
ACCESS TO DRIVEWAYS AND SIDE STREETS TO BE MAINTAINED AT ALL TIMES

NOT TO SCALE

PHASE 3 - STAGE 2

RTE 54
TRAFFIC CONTROL
SHEET 40 OF 40

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25
ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 130
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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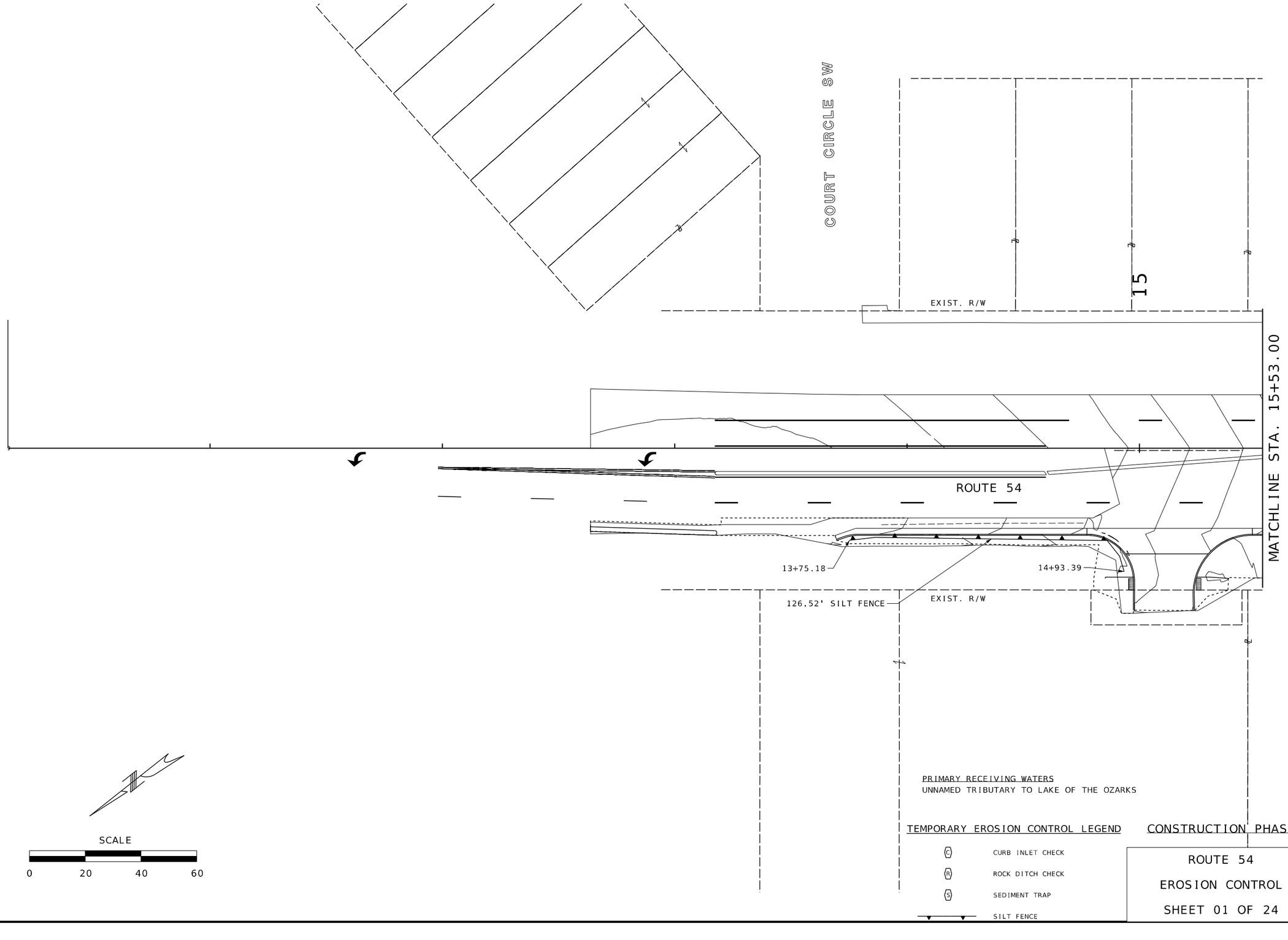

PRIMARY RECEIVING WATERS
UNNAMED TRIBUTARY TO LAKE OF THE OZARKS

TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

(R) ROCK DITCH CHECK

(S) SEDIMENT TRAP

SILT FENCE

CONSTRUCTION PHASE

ROUTE 54
EROSION CONTROL
SHEET 01 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	131

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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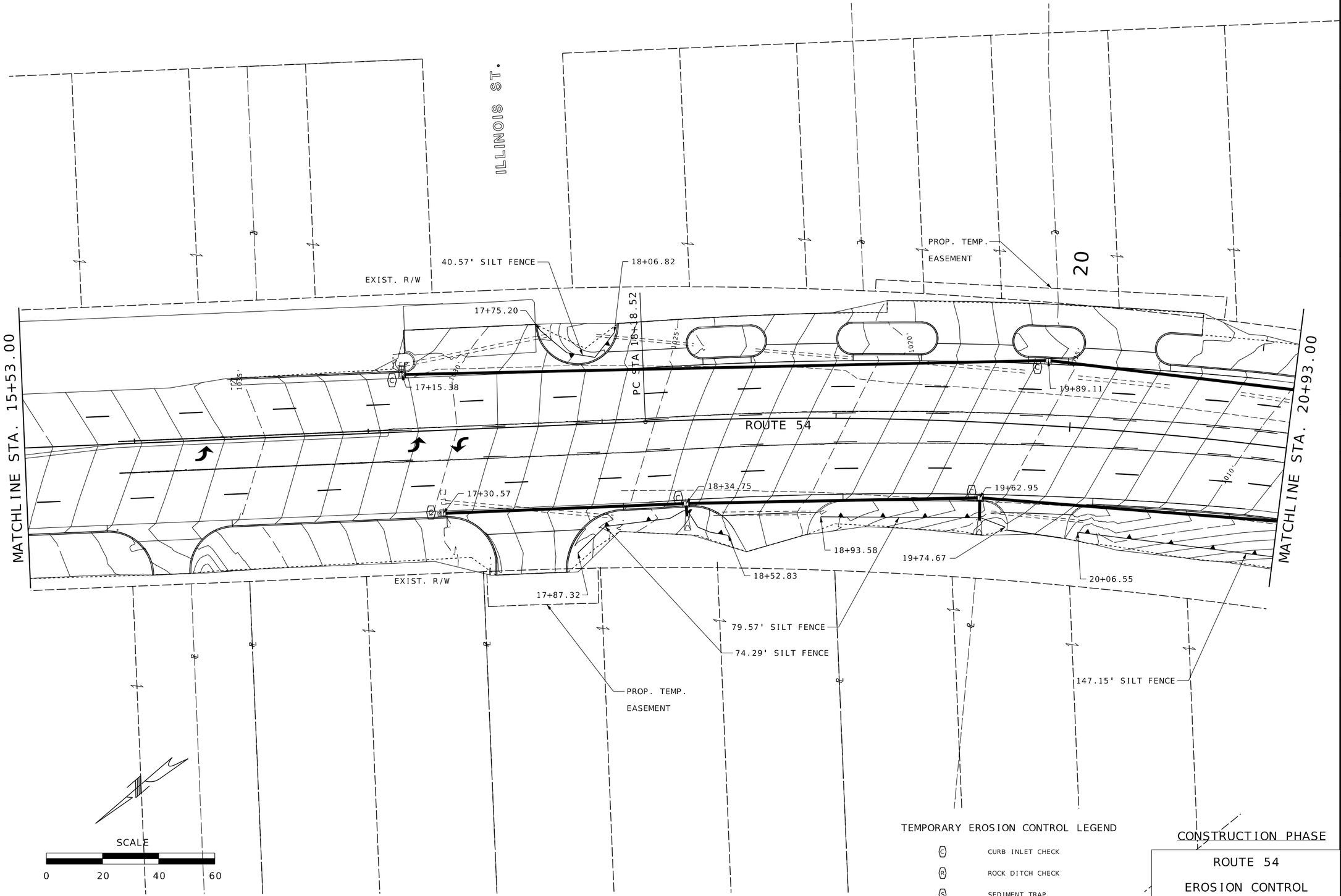

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 02 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	132

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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TREK DESIGN GROUP, LLC

POPLAR ST.

HA HA TONKA RD.

ROCK DITCH CHECK
(DROP INLET)
133.28' SILT FENCE

EXIST. R/W

22+71.45

23+05.65

ROCK DITCH CHECK (DROP INLET)
DITCH @ 3.71% GRADE

3 ROCK DITCH CHECK @ 38' SPACING

23+99.35

PROP. NEW R/W

PROP. PERM.
EASEMENT

441.00' SILT FENCE

25

22+06.10

24+11.00

21+58.94

ROUTE 54

MATCHLINE STA. 20+93.00

MATCHLINE STA. 26+33.00

23+13.73

23+37.58

23+62.49

24+13.03

24+48.25

24+67.15

25+19.61

21+31.10

EXIST. R/W

24+07.46

236.63' SILT FENCE

25+04.38

PROP. TEMP.
EASEMENT

209.97'
SILT FENCE

PROP. TEMP.
EASEMENT

ROCK DITCH CHECK (DROP INLET)

PROP. PERM.
EASEMENT

21+57.45

147.15'
SILT FENCE

21+84.17

HA HA TONKA CUT THRU

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

C	CURB INLET CHECK
R	ROCK DITCH CHECK
S	SEDIMENT TRAP
	SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 03 OF 24

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015611
4/18/25

DATE PREPARED	4/18/25
ROUTE	54
STATE	MO
DISTRICT	CD
SHEET NO.	133
COUNTY	CAMDEN
JOB NO.	J5P3573
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREKK DESIGN GROUP, LLC
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MATCHLINE STA. 26+33.00

MATCHLINE STA. 31+73.00

MORGAN ST.

441.00' SILT FENCE

PROP. TEMP. EASEMENT

ROCK DITCH CHECK (DROP INLET)

PROP. R/W

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

116.32' SILT FENCE

DITCH @ 5.91% GRADE

13 ROCK DITCH CHECK @ 25' SPACING

SEE PLAN SHEETS FOR DETAIL

31+41.65

30+87.26

54.02' SILT FENCE

ROCK DITCH CHECK (DROP INLET)

30+35.27

28+20.82

28+68.93

29+81.94

PT. STA. 27+10.57

EXIST. R/W

28+67.01

29+91.17

30+59.88

ROUTE 54

27+95.63

26+52.95

27+27.74

30+12.29

31+47.55

EXIST. R/W

204.06' SILT FENCE

268.19' SILT FENCE

30+71.46

30+30.12

95.56' SILT FENCE

26+73.78

27+09.81

PROP. TEMP. EASEMENT

209.97' SILT FENCE

28+45.01

31+65.34

PROP. PERM. EASEMENT

EX. 30' ESMT.

EX. 20' ESMT.

PROP. TEMP. EASEMENT

28+27.27

PROP. TEMP. EASEMENT

TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

(R) ROCK DITCH CHECK

(S) SEDIMENT TRAP

SILT FENCE

SCALE

0 20 40 60

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 04 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	134

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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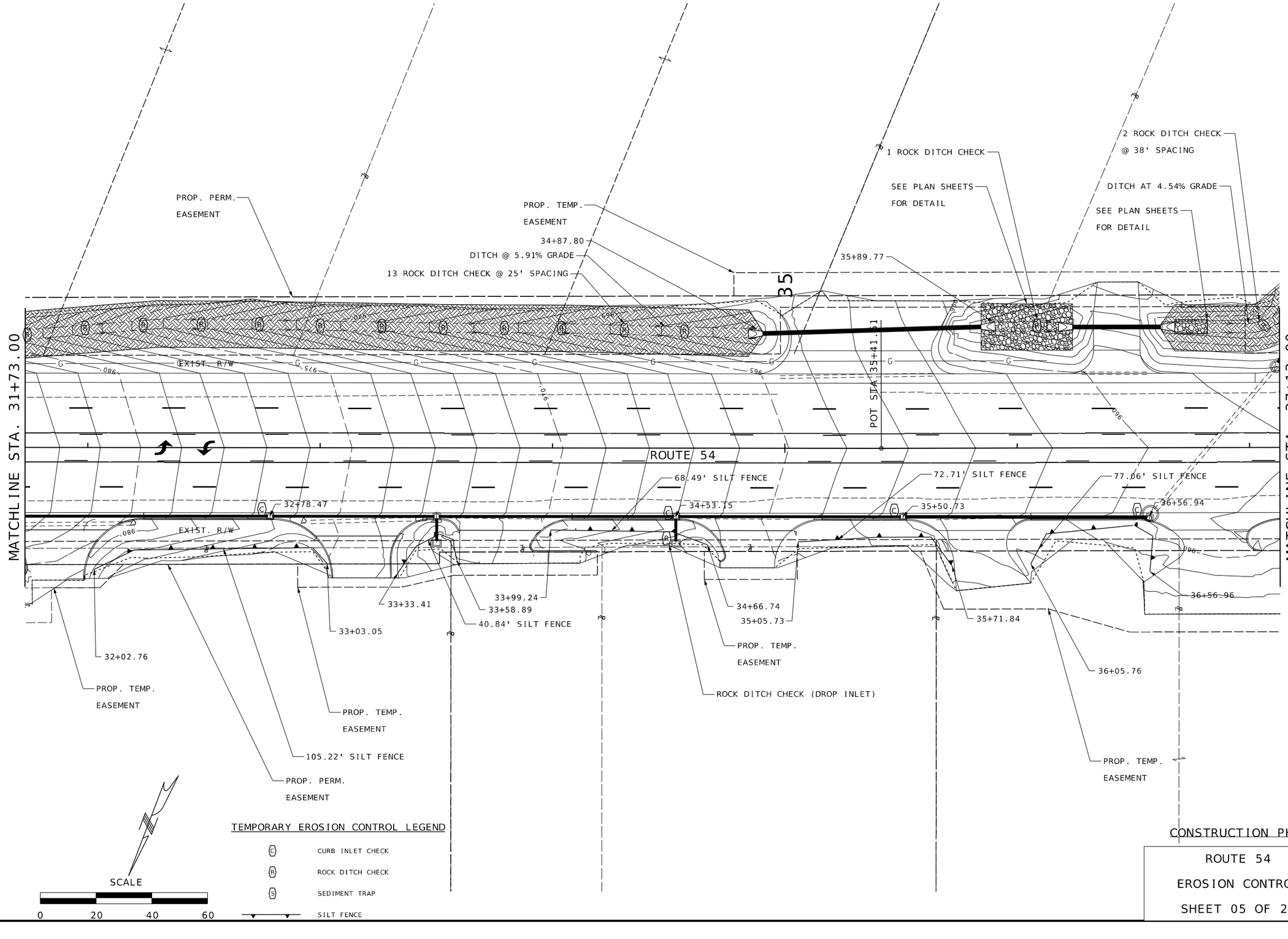

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 05 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	135

COUNTY: CAMDEN

JOB NO.: J5P3573

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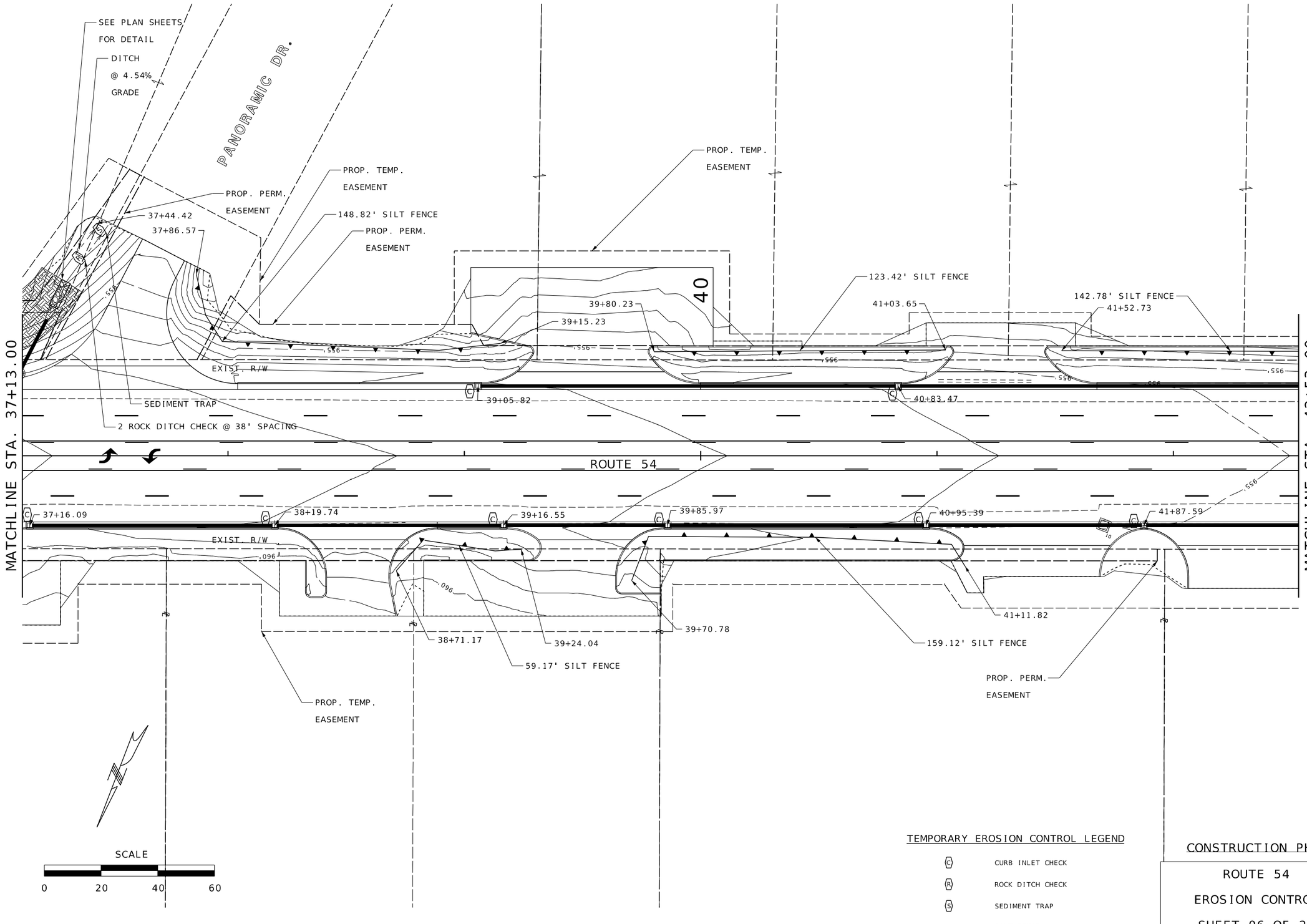

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 06 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	136

COUNTY CAMDEN

JOB NO. J5P3573

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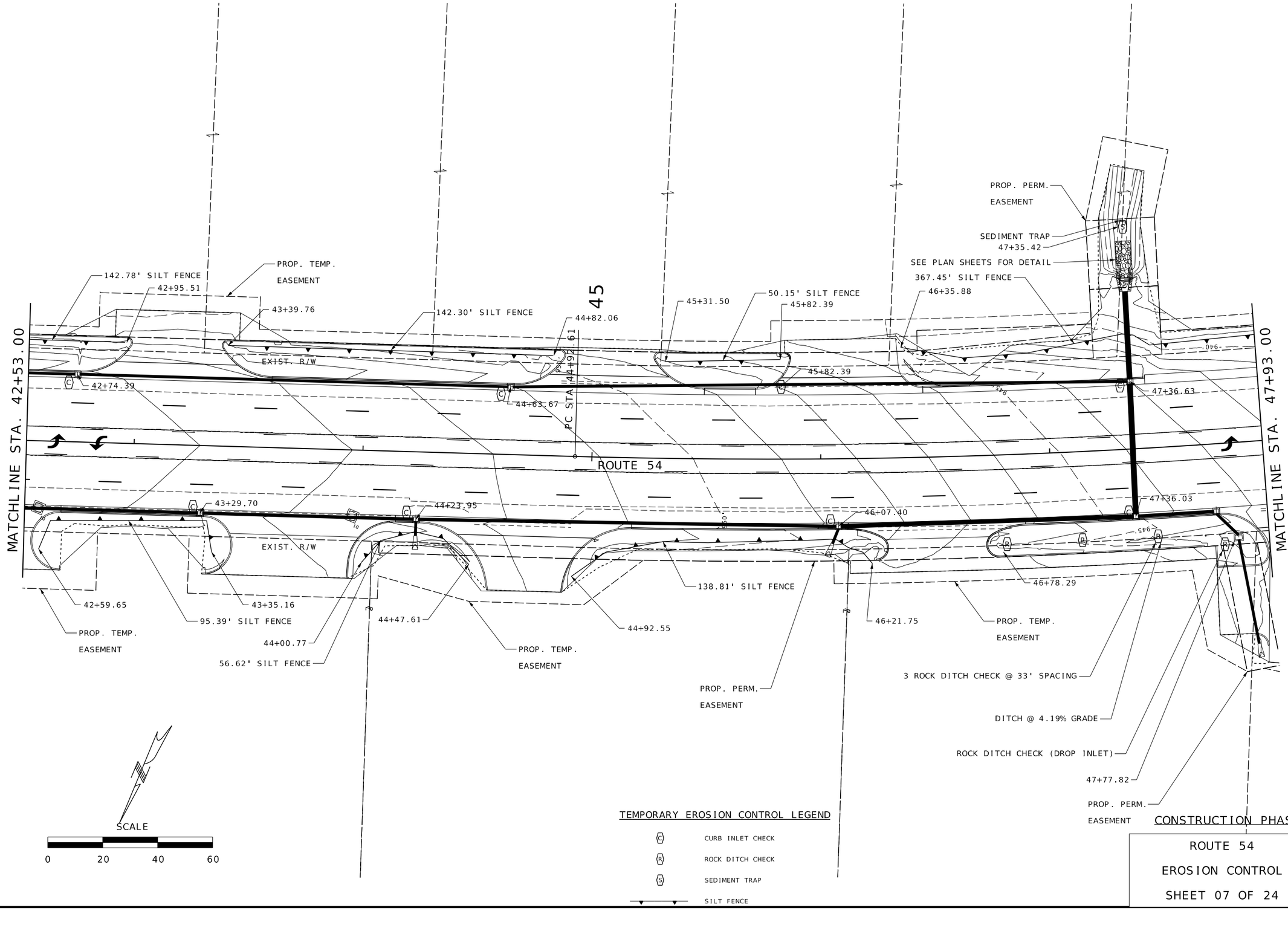

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CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 07 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED	4/18/25
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	137
COUNTY	CAMDEN
JOB NO.	J5P3573
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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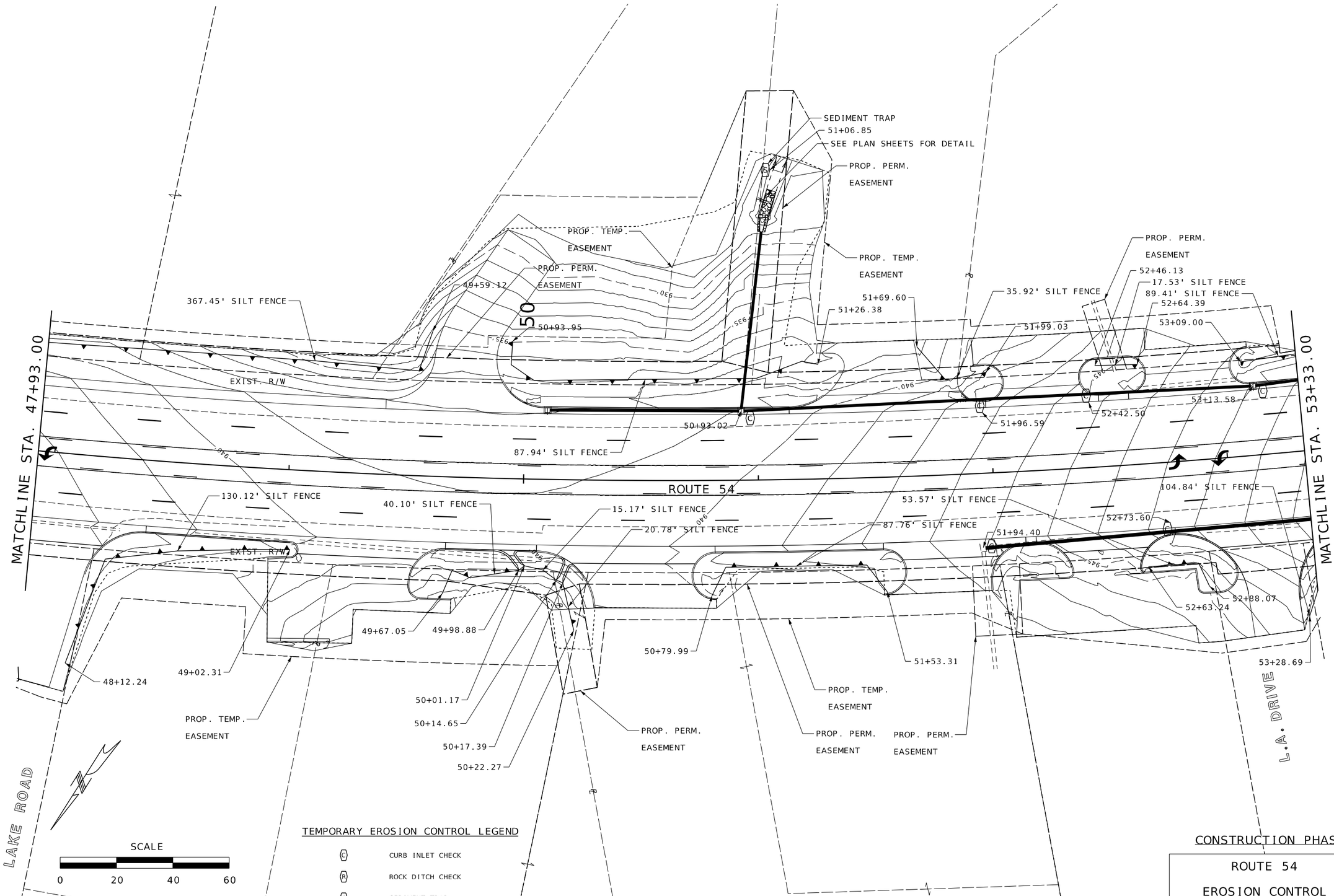

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 08 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015617
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	138

COUNTY: CAMDEN

JOB NO.: J5P3573

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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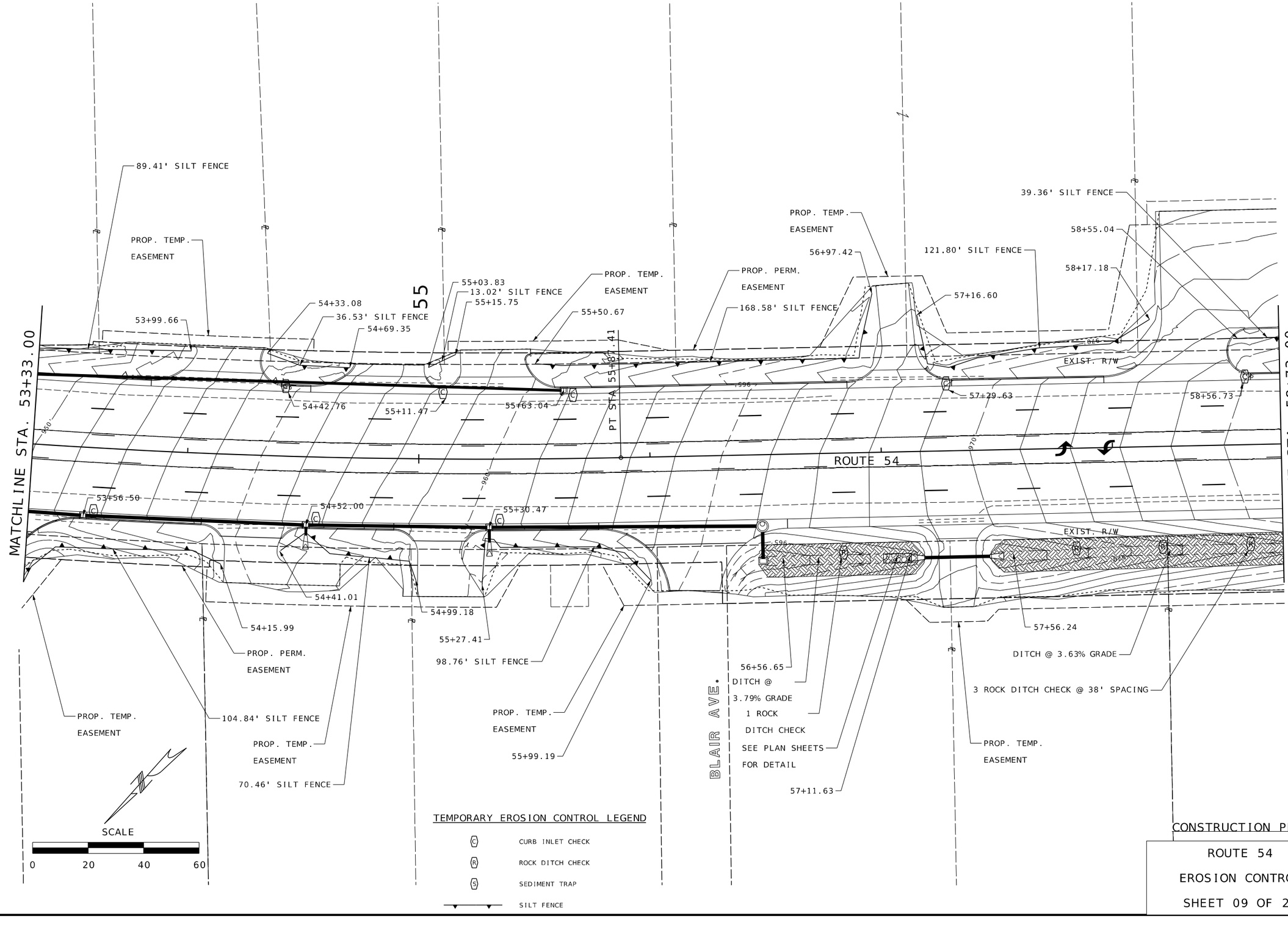
TREK DESIGN GROUP, LLC



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- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 09 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED	
4/18/25	
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	139

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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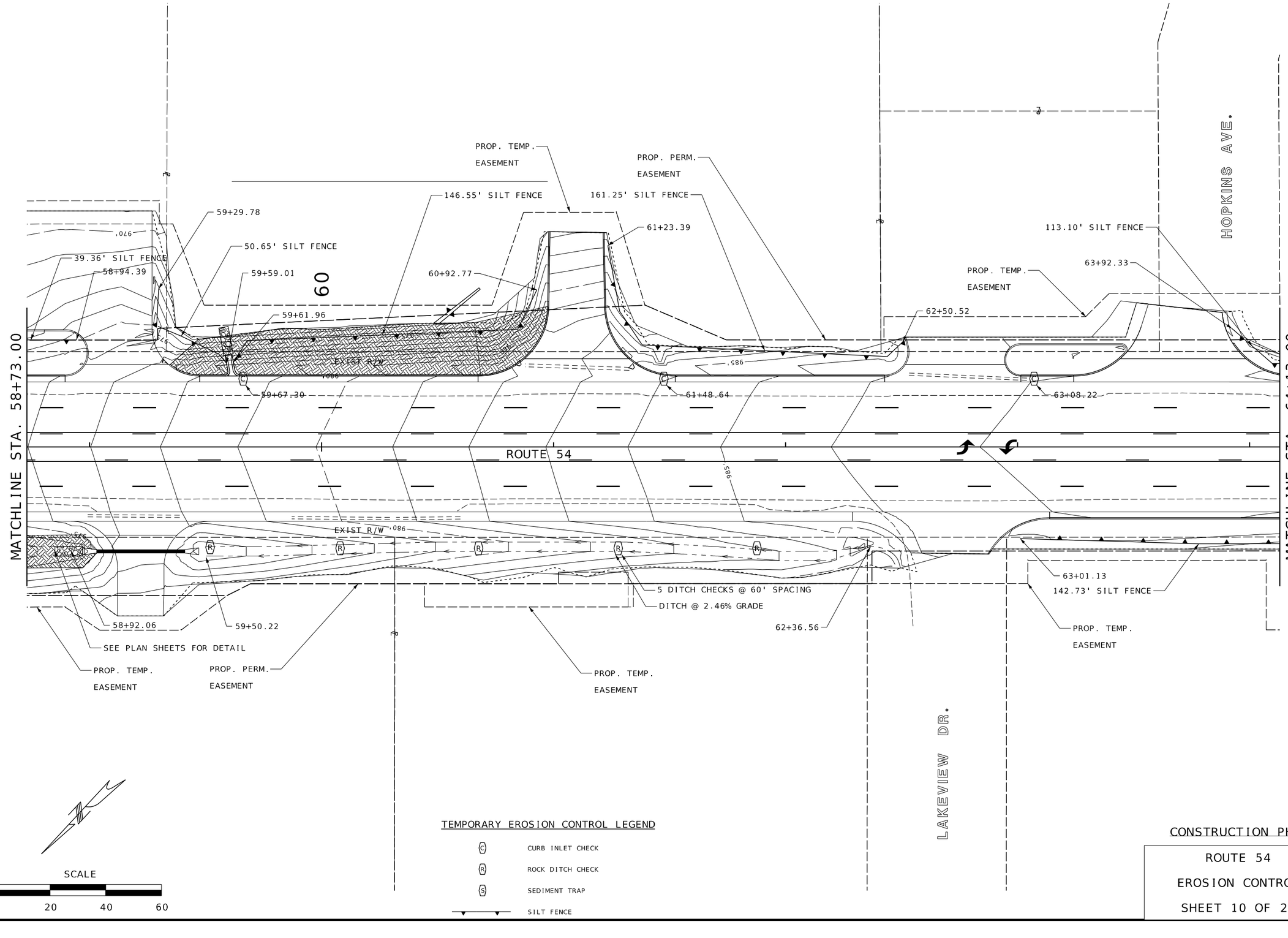


TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 10 OF 24

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
MICHAEL L. BROWN
NUMBER 2001015611
4/18/25

DATE PREPARED	4/18/25
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	140
COUNTY	CAMDEN
JOB NO.	J5P3573
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

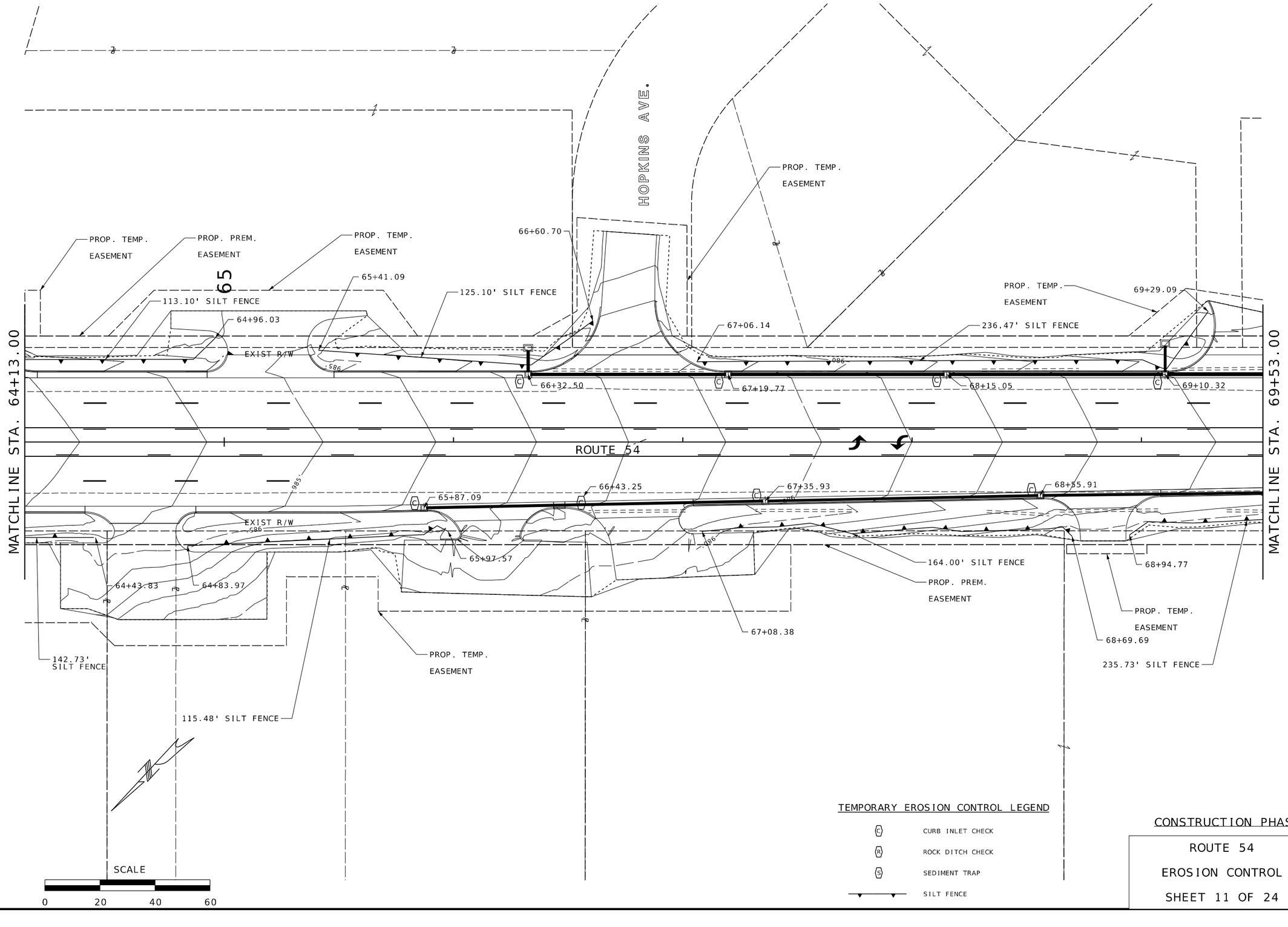
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of Authority 2002010300



TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 11 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	141

COUNTY: CAMDEN

JOB NO.: J5P3573

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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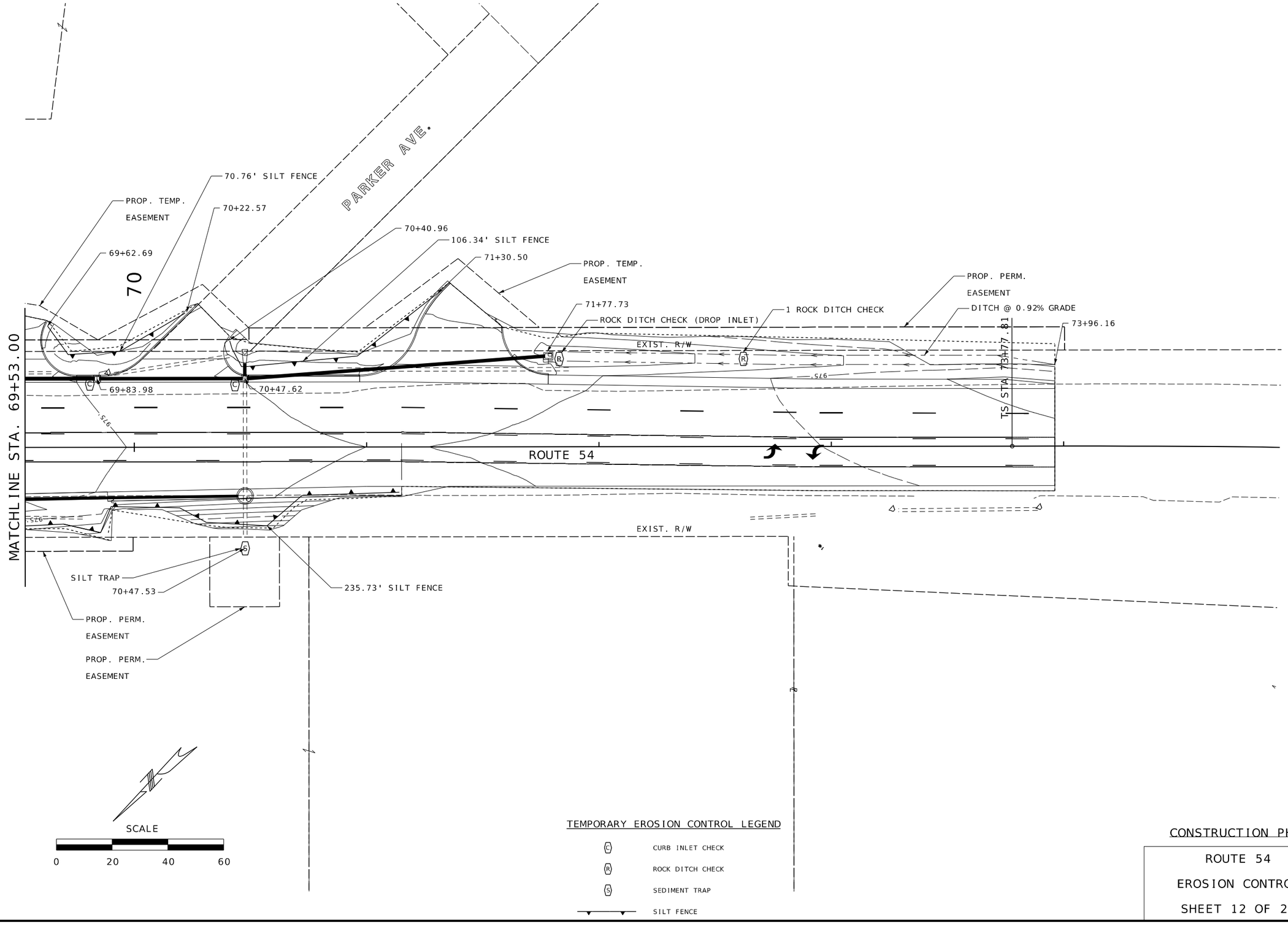

CONSTRUCTION PHASE

ROUTE 54

EROSION CONTROL

SHEET 12 OF 24

REGISTERED STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	142

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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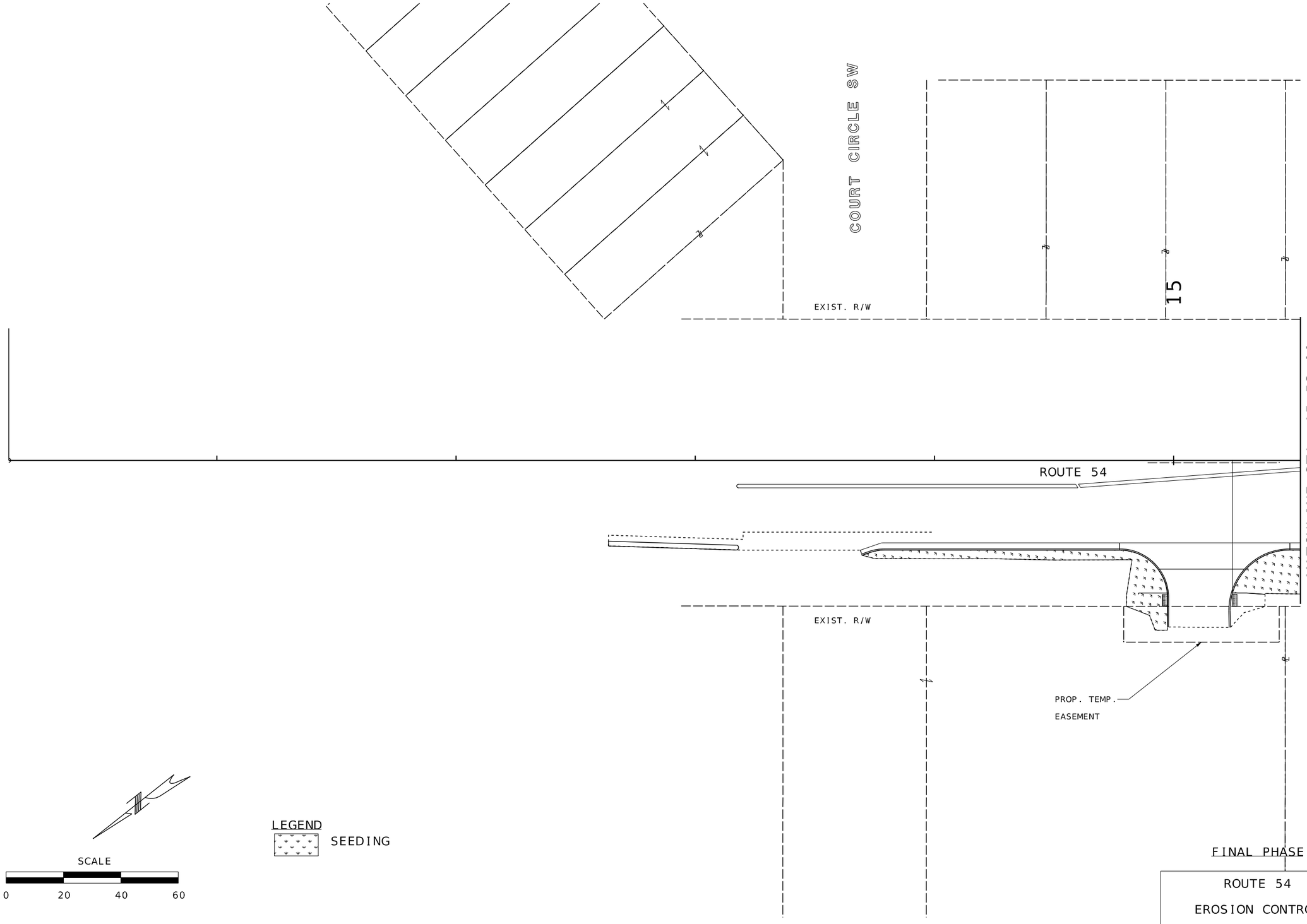

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED	4/18/25
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	143
COUNTY	CAMDEN
JOB NO.	J5P3573
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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TREK DESIGN GROUP, LLC

ILLINOIS ST.

PROP. TEMP.
EASEMENT

EXIST. R/W

PC STA 18+18.52

ROUTE 54

MATCHLINE STA. 15+53.00

MATCHLINE STA. 20+93.00

EXIST. R/W

PROP. TEMP.
EASEMENT

COURT CIR. NW

LEGEND

SEEDING

SCALE

0 20 40 60

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 14 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED	4/18/25
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	144
COUNTY	CAMDEN
JOB NO.	J5P3573
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

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1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com

Missouri Cert. of Authority 2002010300

POPLAR ST.

HA HA TONKA RD.

PROP. R/W

PROP. TEMP. EASEMENT

EXIST. ROW

STA. 20+93.00

ROUTE 54

STA. 26+33.00

MATCHLINE STA. 25

MATCHLINE STA. 25

EXIST. ROW

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

HA HA TONKA CUT THRU

LEGEND

SEEDING

SCALE

0 20 40 60

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 15 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	145

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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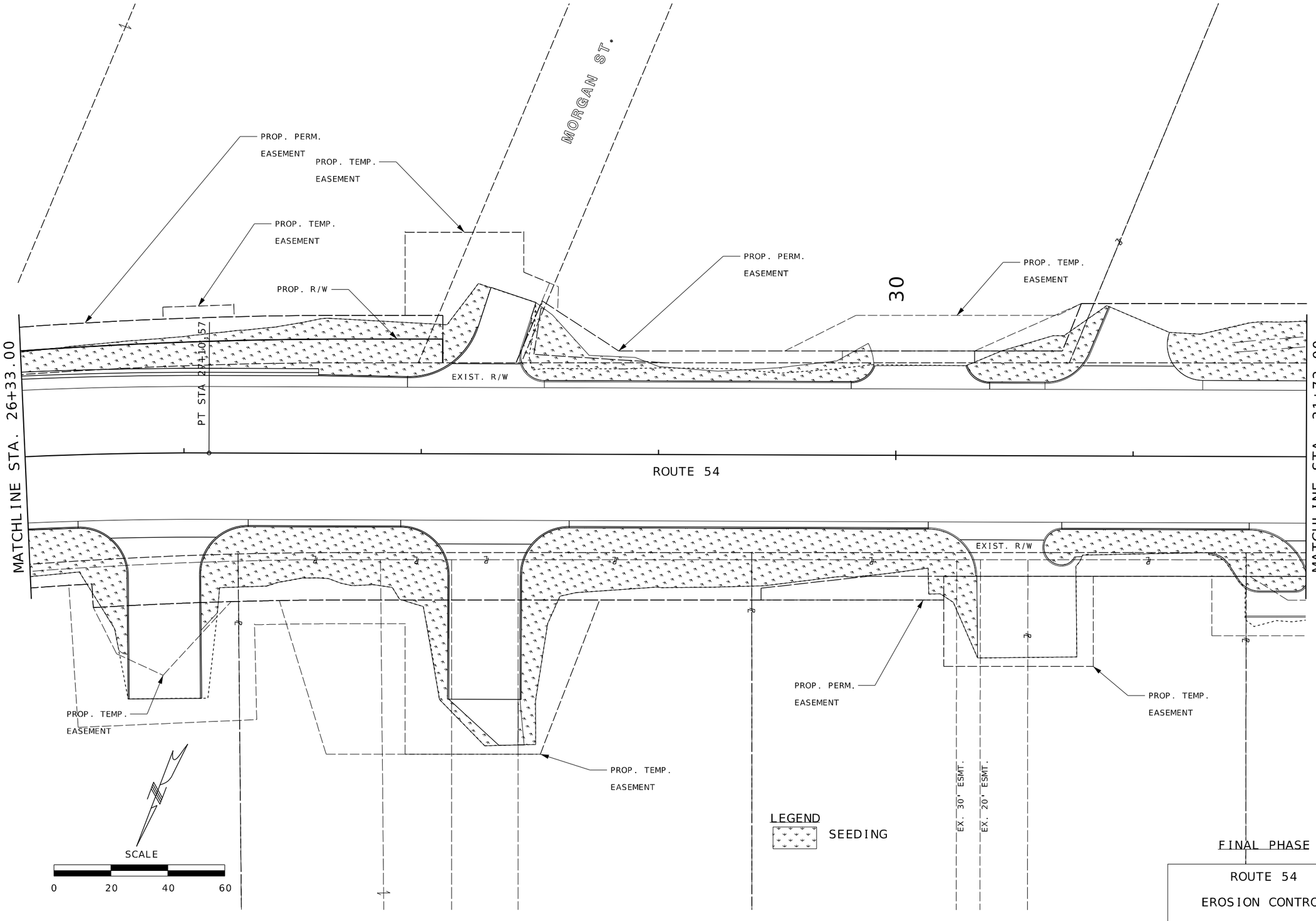

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 16 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	146

COUNTY: CAMDEN

JOB NO.: J5P3573

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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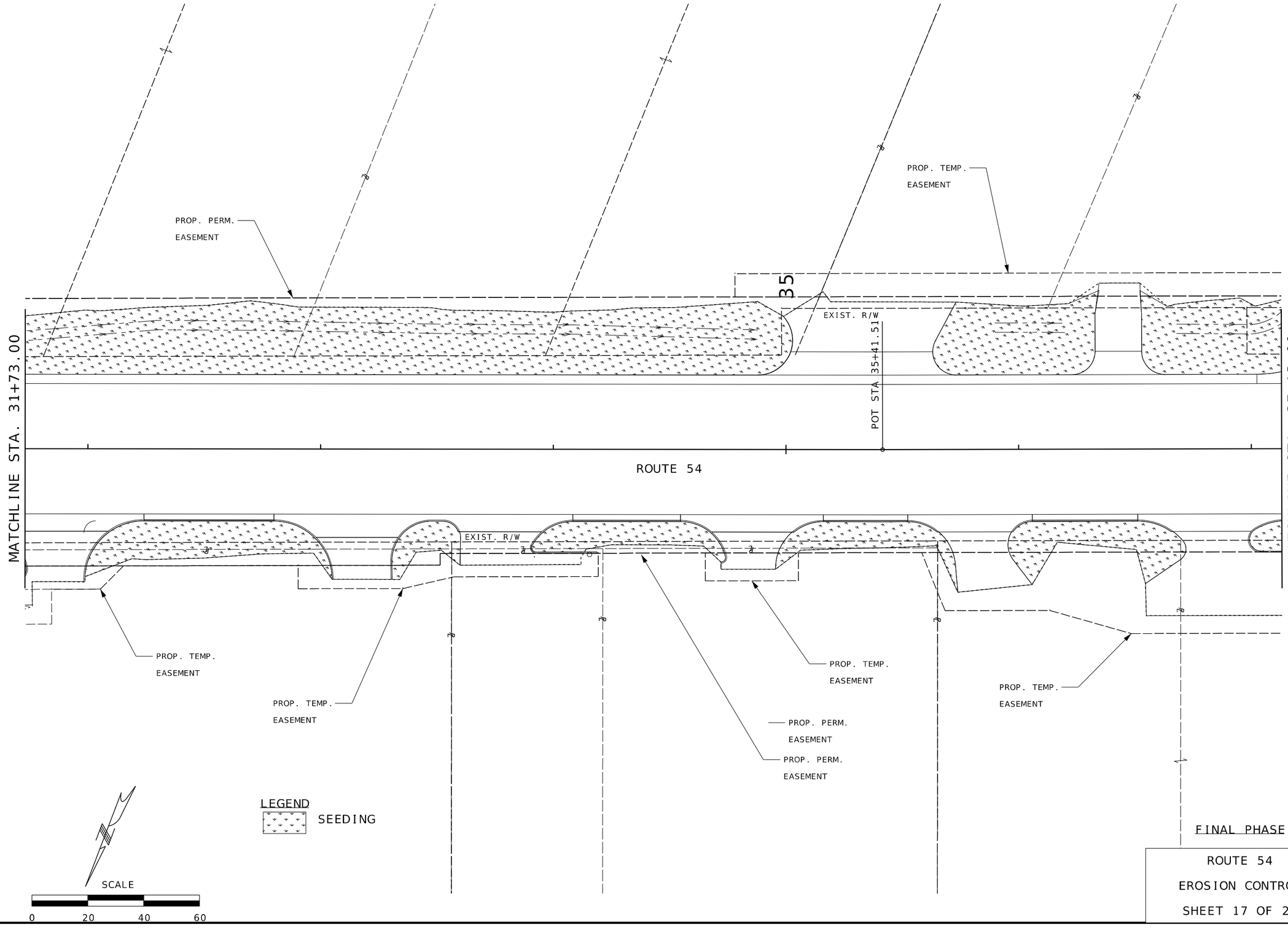

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 17 OF 24

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	147

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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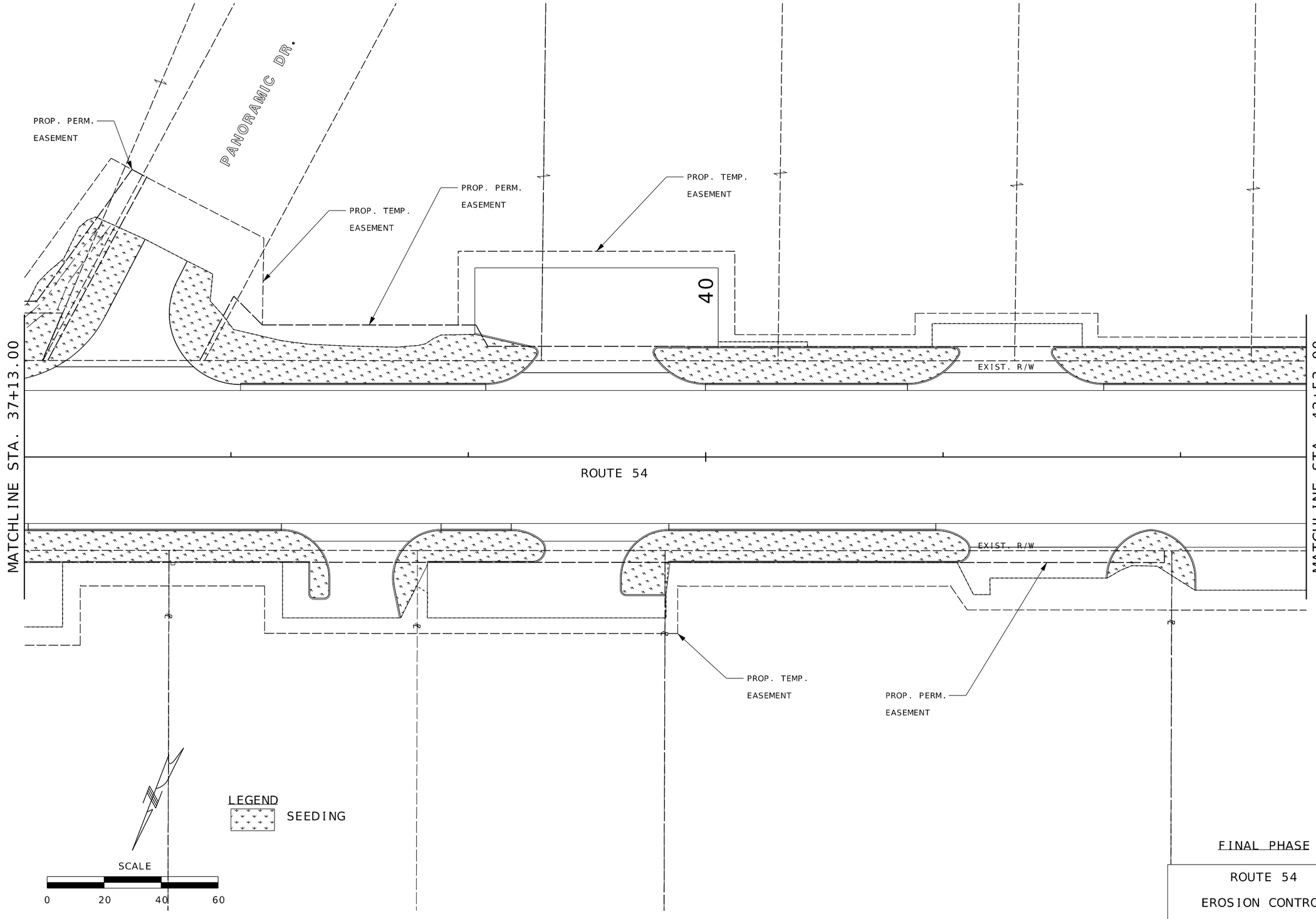
TREKK DESIGN GROUP, LLC



FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 18 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	148

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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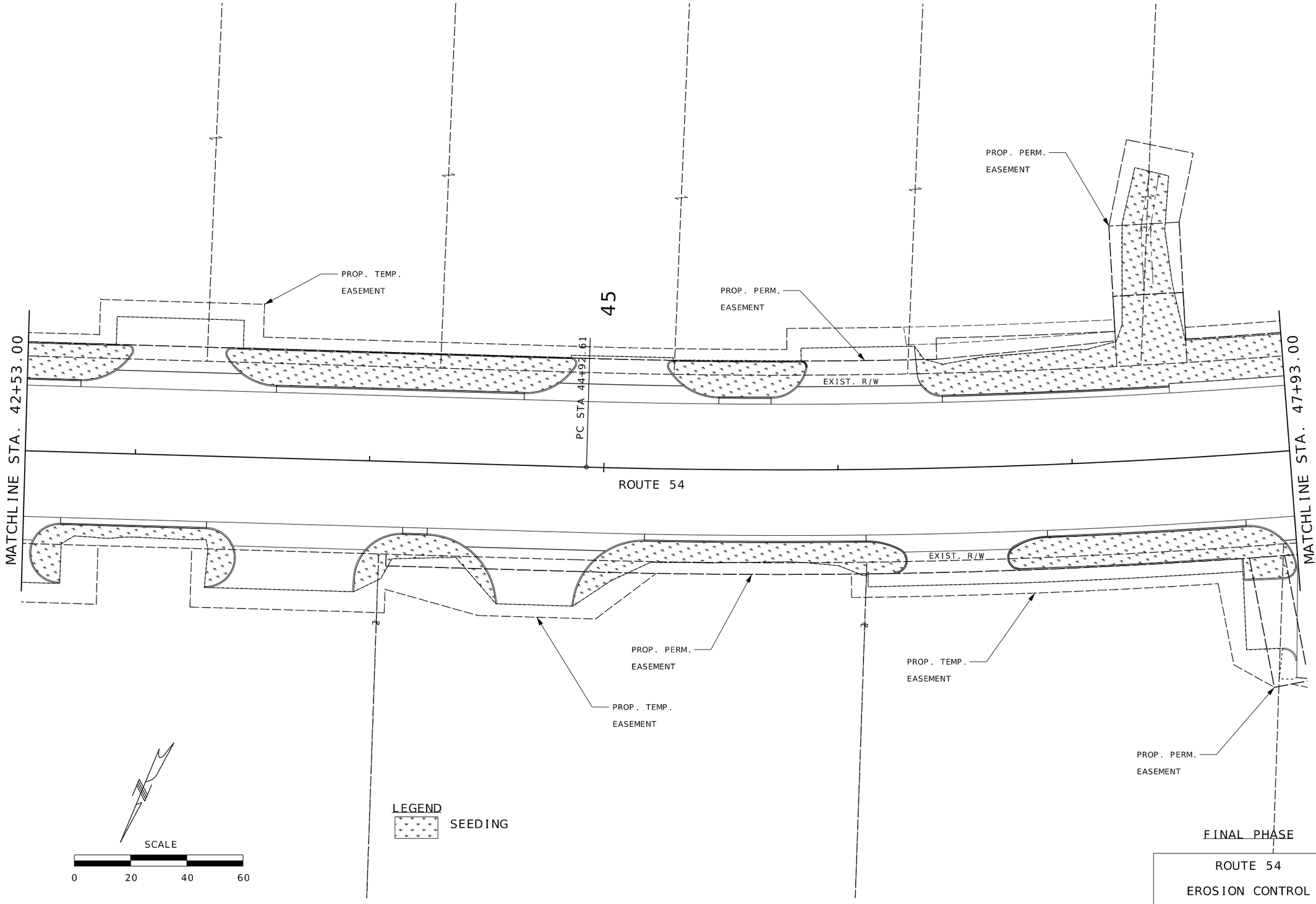

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 19 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	149

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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www.trekkdesigngroup.com

Missouri Cert. of Authority 2002010300

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. PERM. EASEMENT

50

EXIST. R/W

MATCHLINE STA. 47+93.00

MATCHLINE STA. 53+33.00

ROUTE 54

EXIST. R/W

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. PERM. EASEMENT

PROP. TEMP. EASEMENT

PROP. PERM. EASEMENT

PROP. PERM. EASEMENT

L.A. DRIVE

LAKE ROAD

LEGEND

SEEDING

SCALE

0 20 40 60

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 20 OF 24

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	150

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TREKK DESIGN GROUP, LLC
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Kansas City, MO 64131
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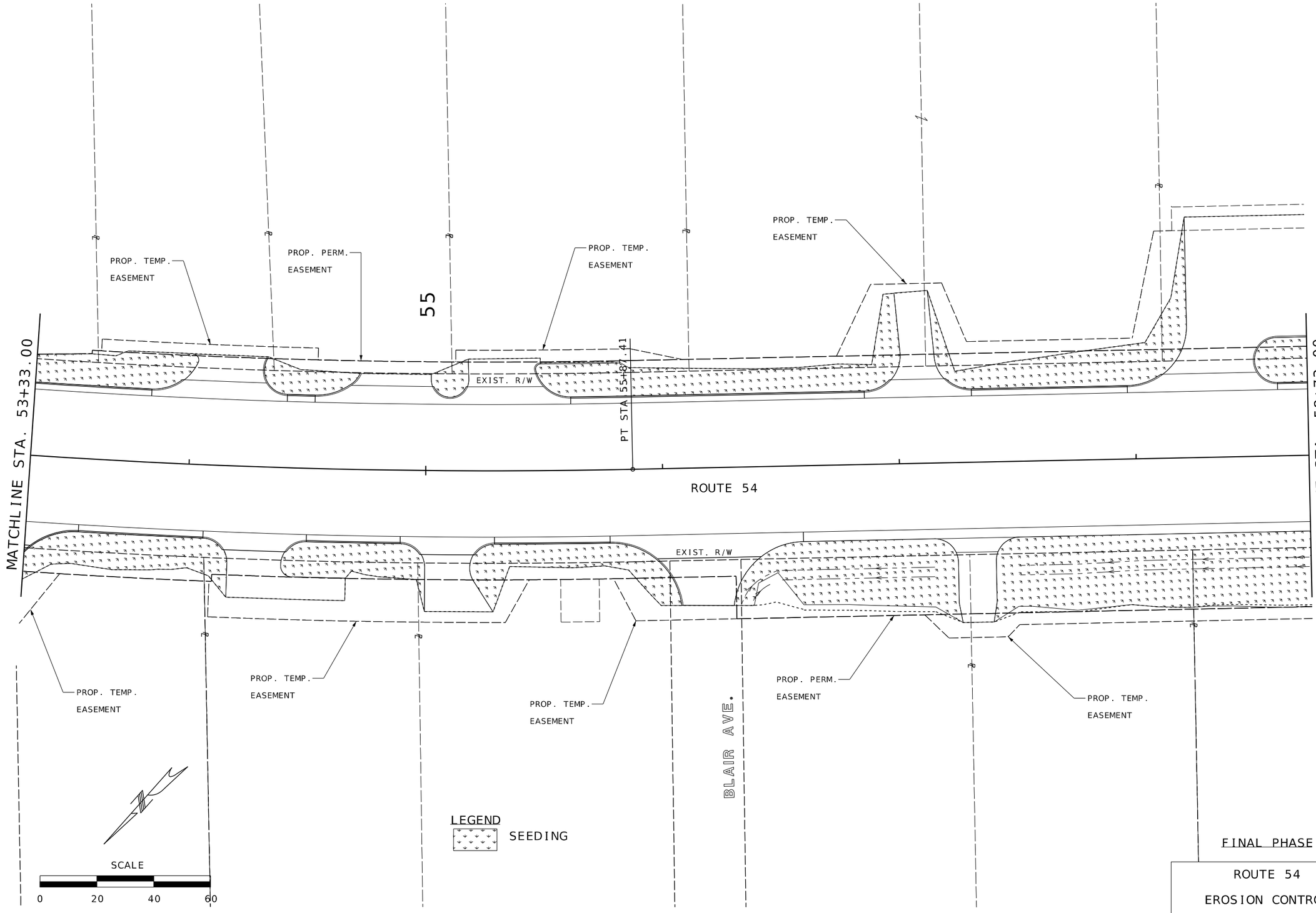

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 21 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	151

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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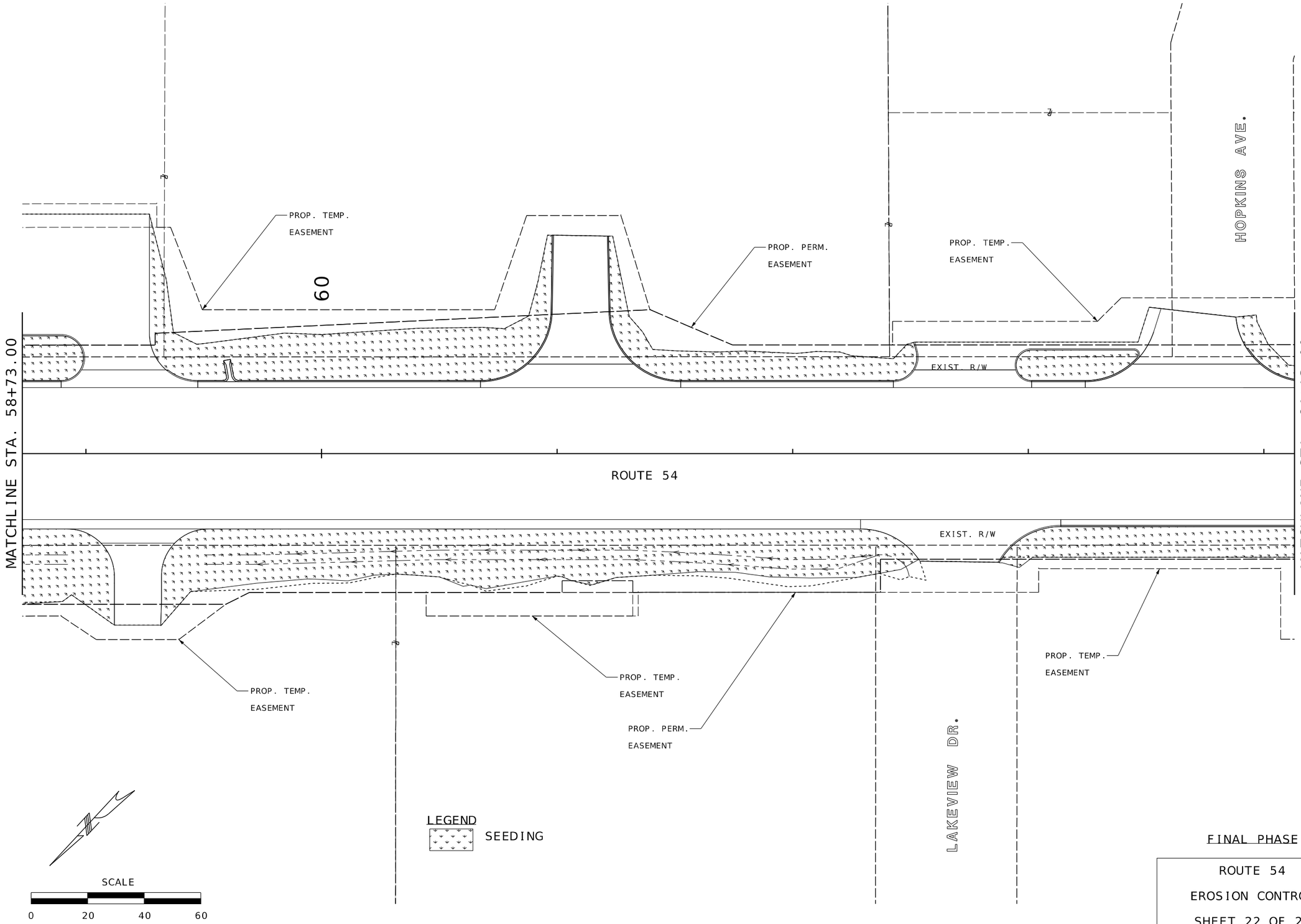

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 22 OF 24

STATE OF MISSOURI
MICHAEL L BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED
4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	152

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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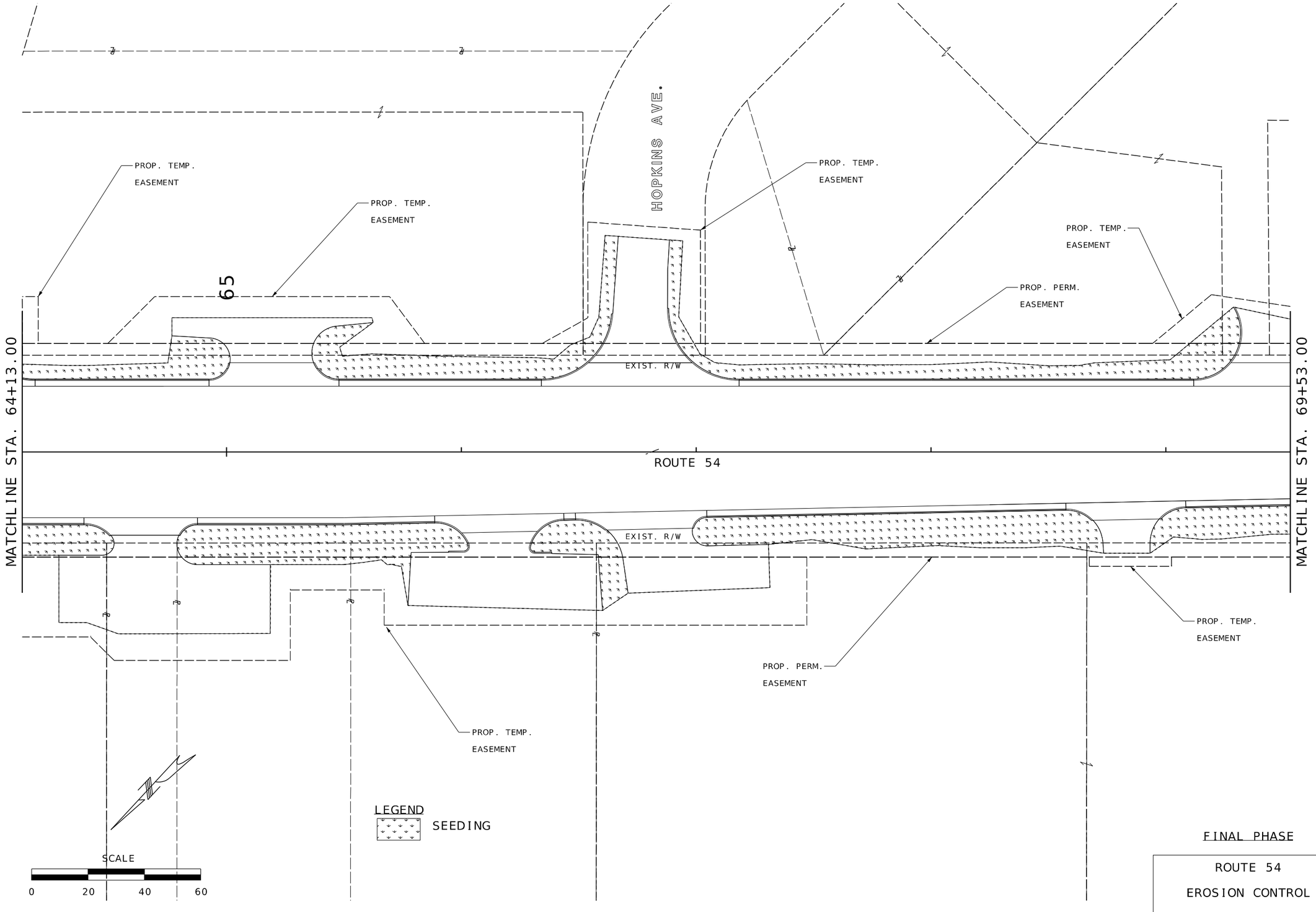
TREK DESIGN GROUP, LLC



FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 23 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED 4/18/25

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	153

COUNTY: CAMDEN

JOB NO.: J5P3573

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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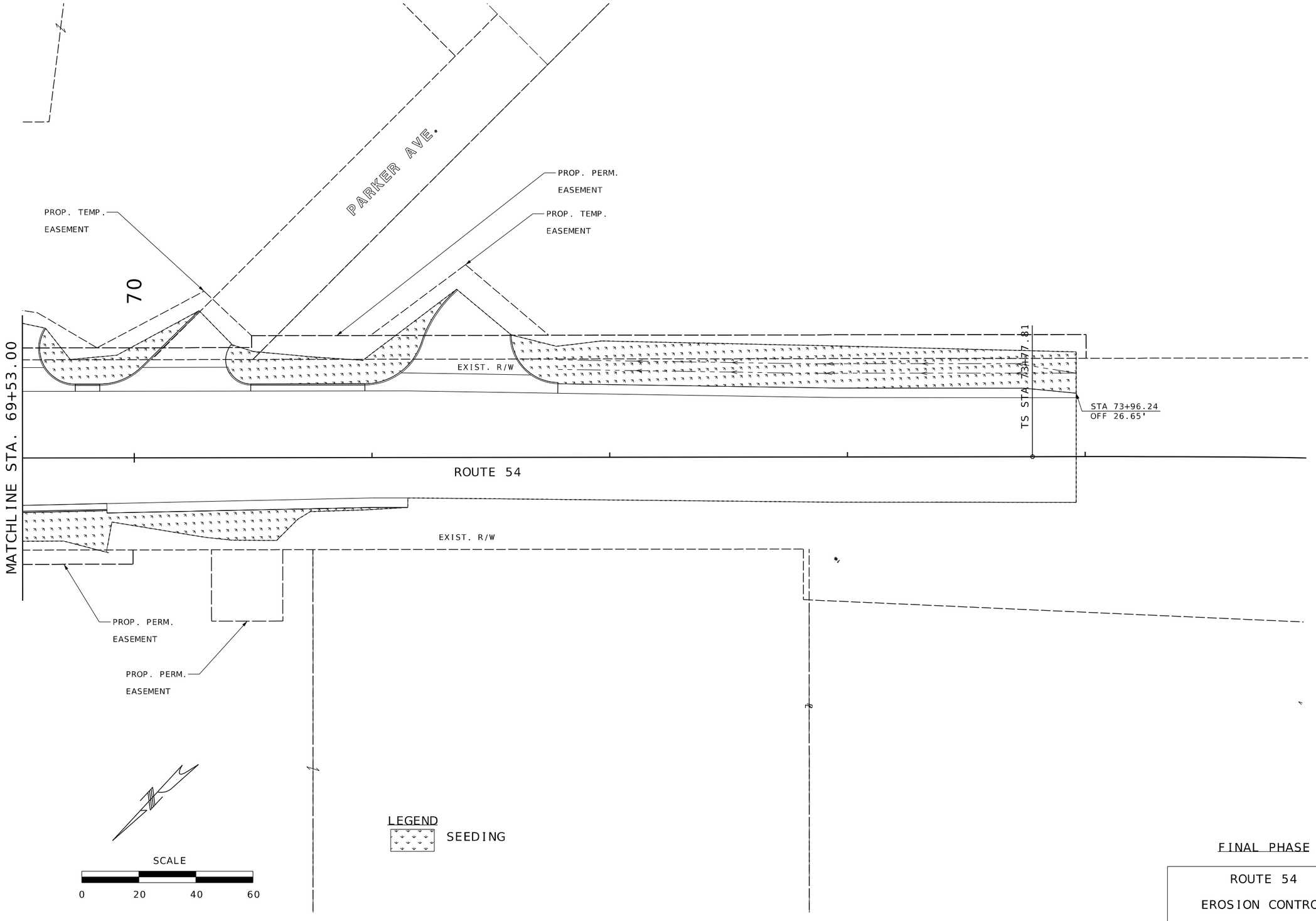

FINAL PHASE

ROUTE 54

EROSION CONTROL

SHEET 24 OF 24

STATE OF MISSOURI
MICHAEL L. BROWN
NUMBER 2001015611
REGISTERED PROFESSIONAL ENGINEER
4/18/25

DATE PREPARED	
4/18/25	
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	154

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Missouri Cert. of Authority 2002010300

TREK DESIGN GROUP, LLC

ILLINOIS ST SW

STOP
R1-1
36" x 36"
STA 17+81
RTE 54

EX. CITY PARKING LOT SIGN, TWO ILLEGIBLE SIGNS & ACCESS DESCRIPTION SIGN; (UIP)
STA 14+02

EX. STREET NAME SIGN, ONE-WAY ARROW SIGN, STOP SIGN & NO LEFT TURN SIGN; R6-1, R1-1 & R3-2 (UIP)

EX. DESTINATION MILEAGE SIGN; D2-3 (UIP)

EX. PARKING LOT TRAFFIC DIRECTION SIGN; (UIP)

EX. U.S. ROUTE SIGN & STRAIGHT AHEAD ARROW SIGN; M1-4 & M6-3 (UIP)

EX. WEST SIGN & U.S. ROUTE SIGN; M3-4 & M1-4 (UIP)
STA 11+85

EX. LANE ENDS SIGN; W4-2 (R)

36 INCH SURFACE-MOUNT DELINEATOR POST

36 INCH SURFACE-MOUNT DELINEATOR POST 6 AT 5' SPACING

EX. 30 MINUTE PARKING SIGN (R)
STA 15+42

EX. NO PARKING ANY TIME SIGN, OBJECT MARKER SIGN & ONE-HOUR PARKING SIGN; OM3-R (R)
STA 15+84

EX. NO PARKING ANY TIME SIGN & ONE-HOUR PARKING SIGN; (R)
STA 16+67

EX. DO NOT ENTER EXIT ONLY SIGN & OBJECT MARKER SIGN; OM3-R (R)
STA 17+27

EX. BUSINESS SIGN; (UIP)

EX. STOP SIGN (R) STREET NAME SIGN (R&REL TO POST 6)
STA 17+90

15

OM3-R
12" x 36"
STA 17+14
RTE 54

EX. OBJECT MARKER SIGN; OM3-R (R)

EX. NO PARKING SIGN & TWO-HOUR PARKING SIGN; R7-108 (R&REL TO POST 2)
STA 16+79

EX. STOP SIGN (R) STREET NAME SIGN (R&REL TO POST 4)
STA 17+19

STA 17+78

EX. SPEED LIMIT SIGN; R2-1 (R)
STA 17+87

SPEED LIMIT 30
R2-1
36" x 48"
STA 17+95
RTE 54

ILLINOIS ST.

TEMPORARY SIGN (R&REL BY OTHERS)

EX. SIGN (UIP)

EX. STOP SIGN (R) STREET NAME SIGN (R&REL TO POST 8)
STA 21+24

POPLAR ST

STOP
R1-1
36" x 36"
STA 21+22
RTE 54

20

POPLAR ST.

MATCH LINE STA. 22+00

ROUTE 54

EX. CENTER LANE LEFT TURN ONLY SIGN; R3-9b (UIP)

SPEED LIMIT 30
R2-1
36" x 48"
STA 21+16
RTE 54

HA HA TONKA CUT THRU

STA 21+27

EX. SPEED LIMIT SIGN; R2-1 (R)

EX. SPEED LIMIT SIGN; R2-1 (UIP)

COURT CIR.

COURT CIR. NW

COURT CIRCLE NW

STOP
R1-1
36" x 36"
STA 17+98
RTE 54

NOTS

SCALE
0 50 100 150

DISCLAIMER
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SIGNING PLAN
SHEET 1 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 1:11:19 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	155

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

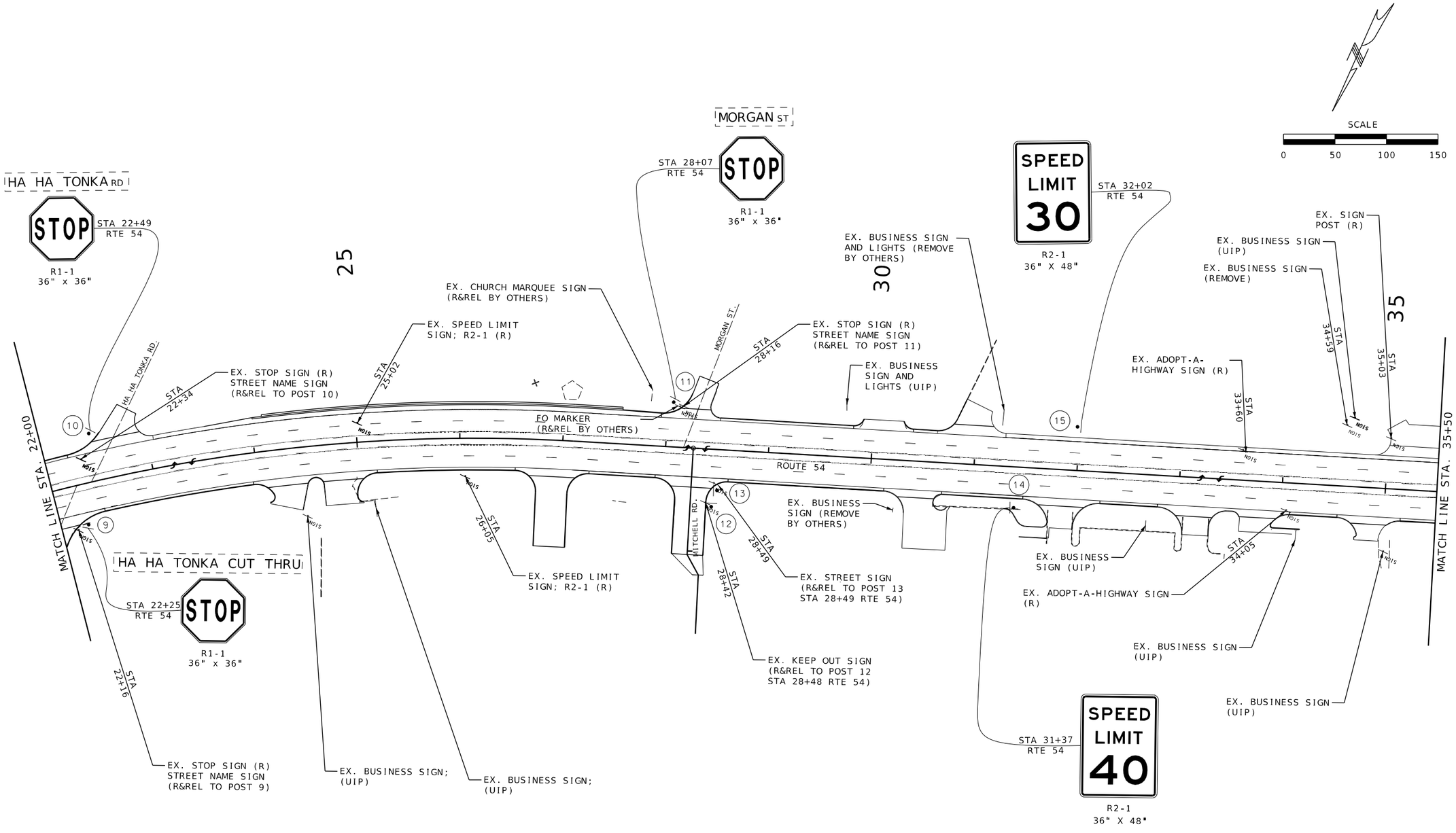
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE, SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen®



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SIGNING PLAN
SHEET 2 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 1:09:40 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	156

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

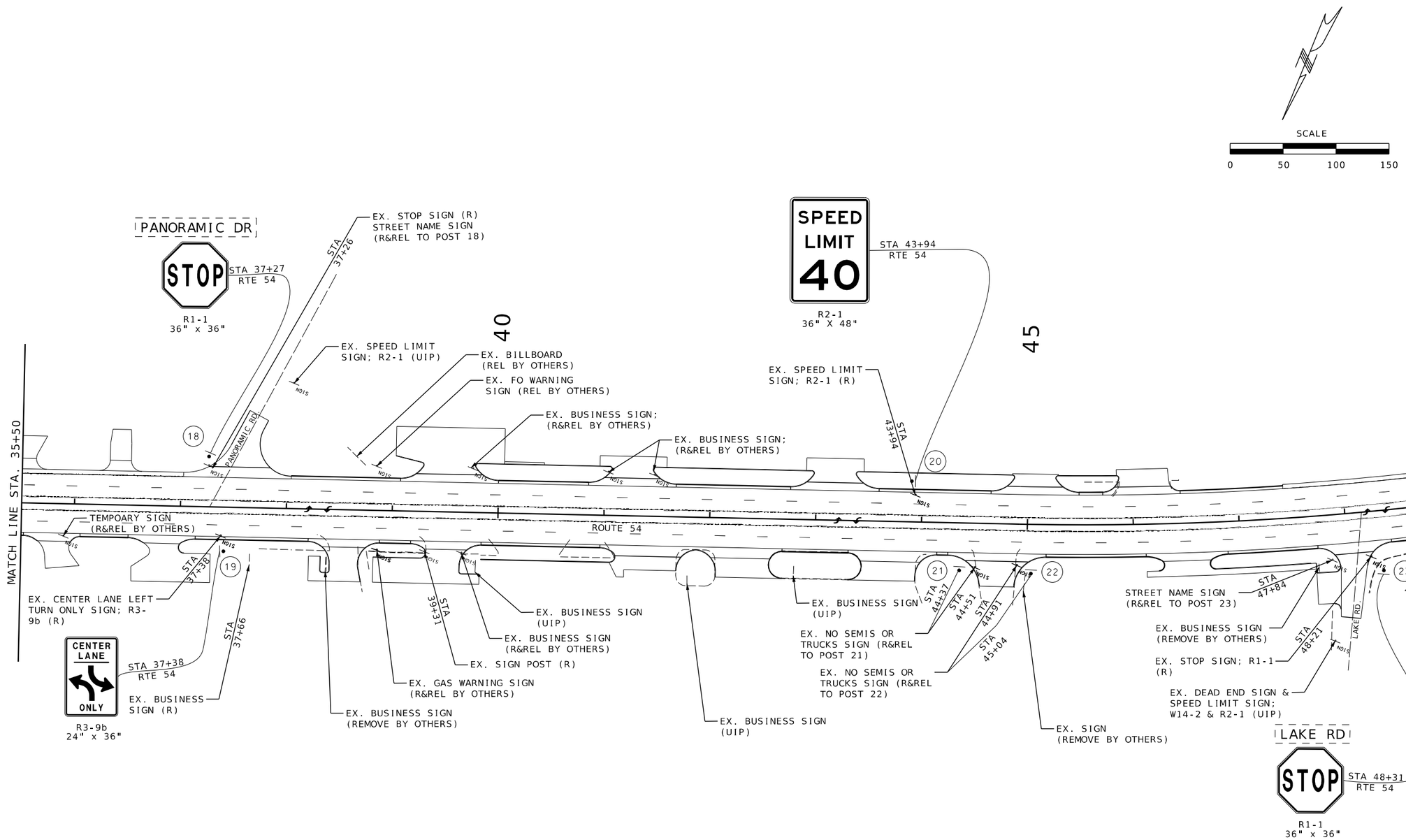
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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SIGNING PLAN
SHEET 3 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 1:07:41 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	157

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

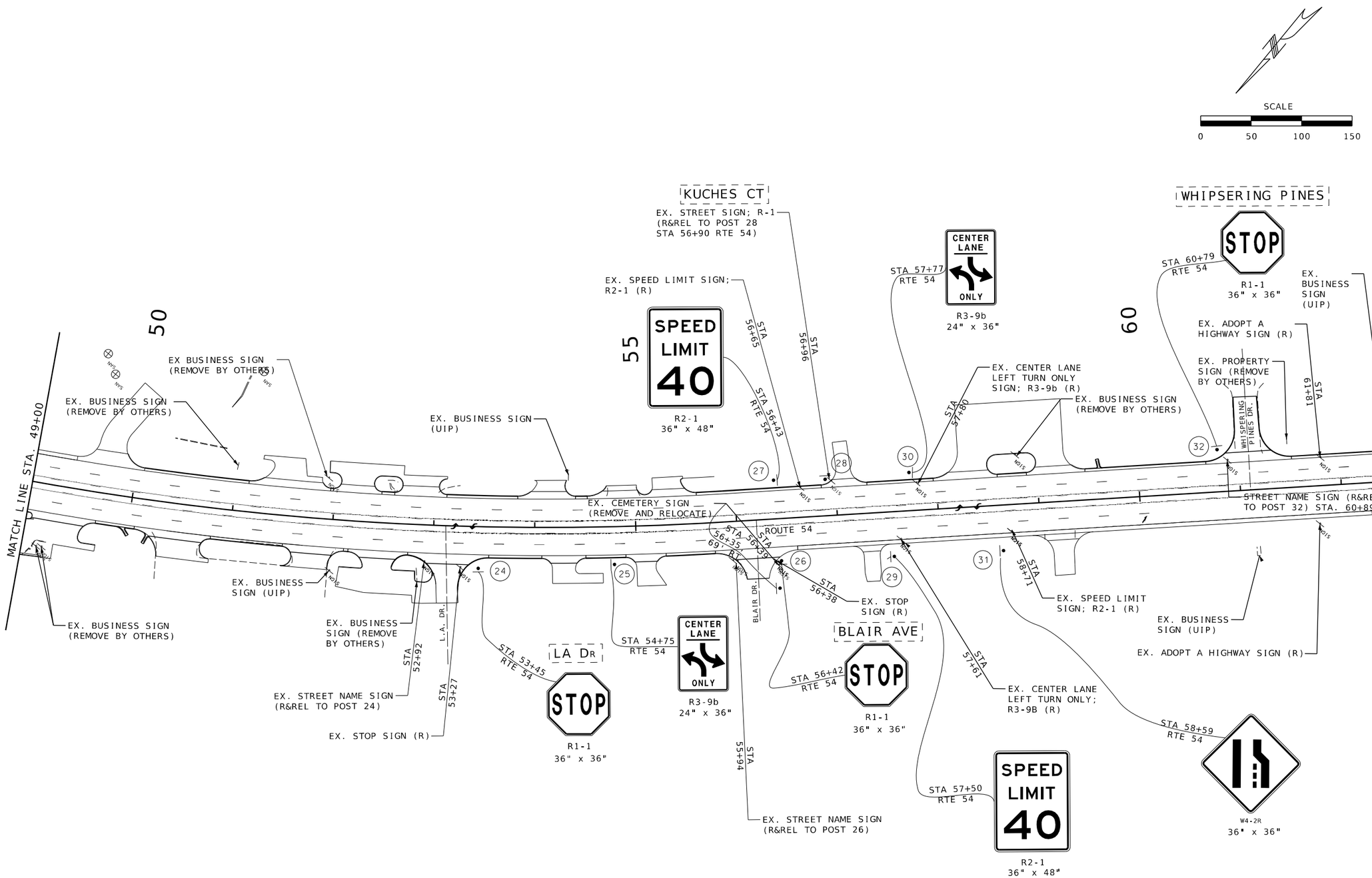
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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SIGNING PLAN
SHEET 4 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:51:56 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	158

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

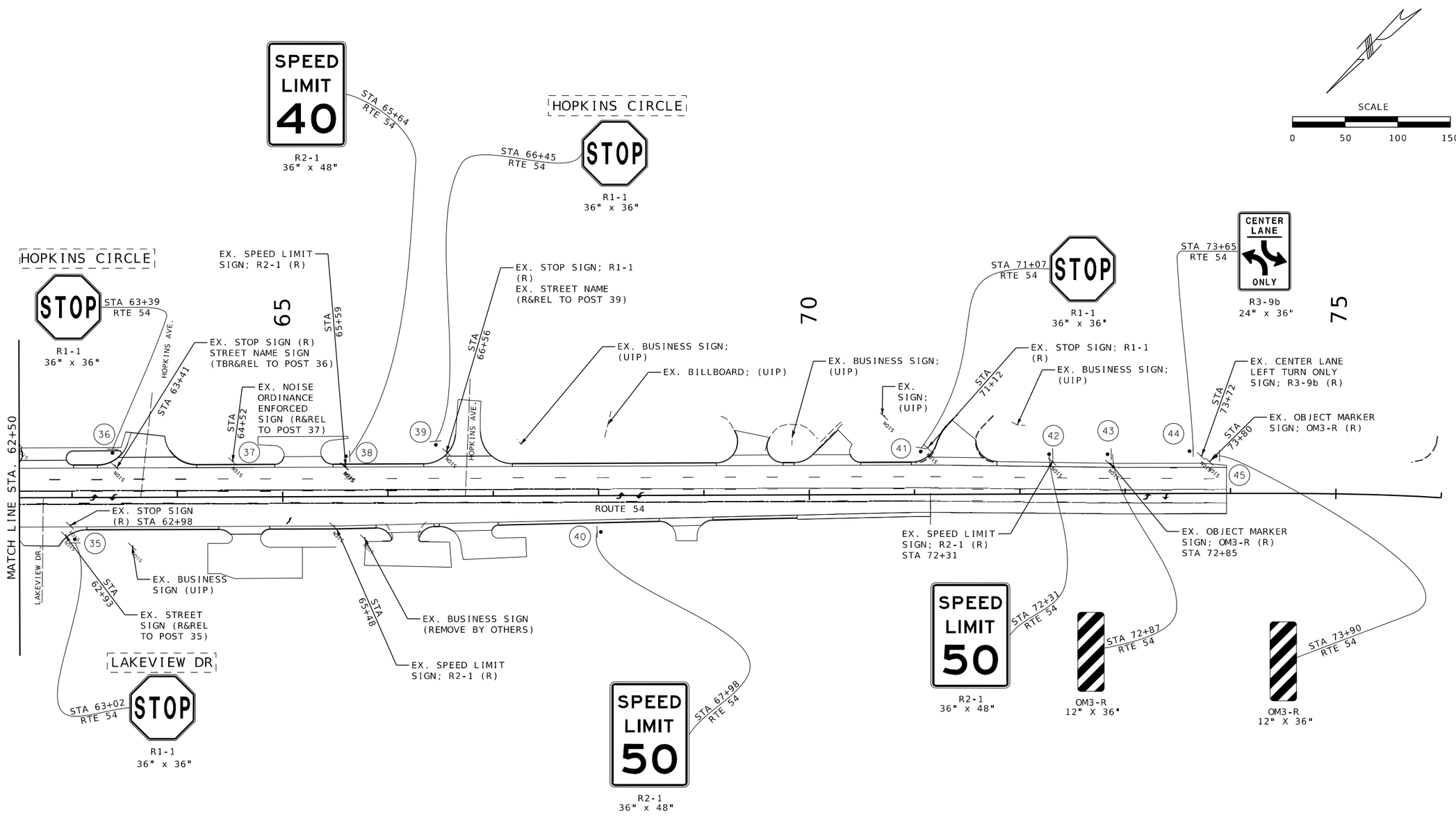
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\158_SN_04_J5P3573_i50.dgn 12:50:37 PM 4/17/2025



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SIGNING PLAN
SHEET 5 OF 5

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:51:06 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	159

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

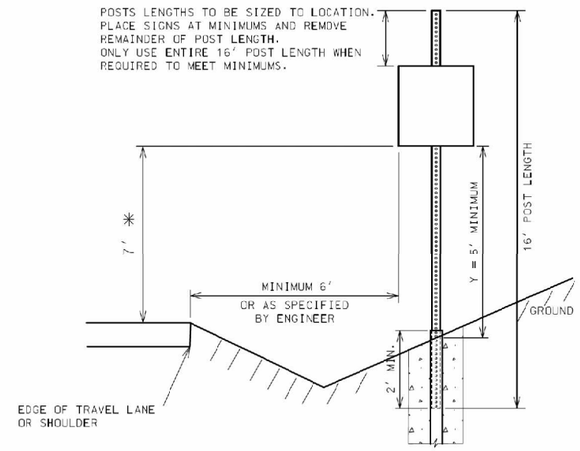
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen®

MOUNTING HEIGHT DETAIL



POSTS – 12 GAUGE – 2.5" X 2.5"

ANCHORS – 7 GAUGE – 3" X 3" O.D.

BREAKAWAY – CERTIFIED NCHRP 350 COMPLIANT
USE REQUIRED FOR DOUBLE POST
INSTALLATIONS ONLY

GALVANIZATION – ALL PSST POSTS, ANCHORS AND
BREAKAWAY CASTINGS SHALL BE
GALVANIZED PER MoDOT STANDARD
SPECIFICATIONS

NOT TO SCALE

* 7' MINIMUM REQUIRED IN URBAN APPLICATIONS AND PREFERRED IN RURAL APPLICATIONS.
IN RURAL APPLICATIONS ONLY – IN SITUATIONS WHERE THE 7' MINIMUM CAN
NOT BE ATTAINED WITH A 16' PSST A RANGE OF 5'– 7' CAN BE USED AS
LONG AS DISTANCE "Y" IS ALSO MAINTAINED.

NOTE: PERFORATED SQUARE STEEL TUBE (PSST) POSTS ARE PAID AS 16 LINEAR FOOT. CONTRACTOR IS RESPONSIBLE TO PROPERLY PLACE SIGN AS SHOWN ABOVE IN "MOUNTING HEIGHT DETAIL"

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SIGNING DETAIL
SHEET 1 OF 1

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:45:13 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	160

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

EFFECTIVE: 07-01-2022

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE										BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																							2 IN. POST						2.5 IN. POST					
SIGN NO.	SIGN SIZE	STA	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9E+06	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9E+06	2" X []" BARS @ 2.55 LBS PER FT NO.	LGTH IN.	TOTAL LF	TOTAL LBS	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	ANCHORS DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9E+06	2.25" INSERT (6 FT) ITEM NO. 9031272A	ANCHORS DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS	EACH				LF	LF	LF	LF	EA	EA	EA							
2	ASSY.	16+79		RTE54 LT																									16.0		16.0			1		USE EX. SIGNS ON NEW POST
3	12x36	17+14		RTE54 LT																									16.0		16.0			1		
4	ASSY.	17+81		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
5	36x48	17+95		RTE54 LT																									16.0		16.0			1		
6	ASSY.	17+98		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
7	36x48	21+16		RTE54 RT																									16.0		16.0			1		
8	ASSY.	21+22		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
9	ASSY.	22+25		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
10	ASSY.	22+49		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
11	ASSY.	28+07		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
12	ASSY.	28+48		RTE54 RT																									16.0		16.0			1		USE EX. SIGNS ON NEW POST
13	ASSY.	28+49		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
14	36x48	31+37		RTE54 RT																									16.0		16.0			1		
15	36x48	32+02		RTE54 LT																									16.0		16.0			1		
18	ASSY.	37+27		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
19	24x36	37+38		RTE54 RT																									16.0		16.0			1		
20	36x48	43+94		RTE54 LT																									16.0		16.0			1		
21	ASSY.	44+37		RTE54 RT																									16.0		16.0			1		USE EX. SIGNS ON NEW POST
22	ASSY.	45+04		RTE54 RT																									16.0		16.0			1		USE EX. SIGNS ON NEW POST
23	ASSY.	48+31		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
24	ASSY.	53+45		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
25	24x36	54+75		RTE54 RT																									16.0		16.0			1		
26	ASSY.	56+42		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
27	36x48	56+43		RTE54 LT																									16.0		16.0			1		
28	ASSY.	56+90		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
29	36x48	57+50		RTE54 RT																									16.0		16.0			1		
30	24x36	57+77		RTE54 LT																									16.0		16.0			1		
31	36x36	58+59		RTE54 RT																									16.0		16.0			1		
32	ASSY.	60+79		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
35	ASSY.	63+02		RTE54 RT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
36	ASSY.	63+39		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
37	ASSY.	64+52		RTE54 LT																									16.0		16.0			1		USE EX. SIGNS ON NEW POST
38	36x48	65+64		RTE54 LT																									16.0		16.0			1		
39	ASSY.	66+45		RTE54 LT																									16.0		16.0			1		EX. STREET SIGN ON NEW POST
40	36x48	67+98		RTE54 RT																									16.0		16.0			1		
41	48x48	71+07		RTE54 LT																									16.0		16.0			1		
42	36x48	72+31		RTE54 LT																									16.0		16.0			1		
43	12x36	72+87		RTE54 LT																									16.0		16.0			1		
44	24x36	73+65		RTE54 LT																									16.0		16.0			1		
45	12x36	73+90		RTE54 LT																									16.0		16.0			1		
				SUBTOTAL																											640			40		
				TOTAL																											640			40		

NOTES:

1. SIGN NO. 1, 16, 17, 33 AND 34 ARE NOT USED
2. 2.5" PSST POSTS PAID IN 16.0' LENGTHS. SEE SIGNING DETAIL FOR MORE INFO.

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
3	7.58	0.63	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:43:27 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED 4/17/2025

ROUTE 54 | STATE MO
DISTRICT CD | SHEET NO. 161
COUNTY CAMDEN
JOB NO. J5P3573
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608
HRGreen

EFFECTIVE: 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE: OM3-R SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: 12x36	TYPE: R1-1 SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: 36x36	TYPE: R2-1 SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: SPEED LIMIT 30, 36x48	TYPE: R2-1 SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: SPEED LIMIT 40, 36x48	TYPE: R2-1 SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: SPEED LIMIT 50, 36x48	TYPE: R3-9b SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: CENTER LANE ONLY, 24x36	TYPE: W4-2R SIGN DESCRIPTION, SIZES, & NUMBER OF EACH: 36x36
2	16+79	RTE54 LT							
3	17+14	RTE54 LT	1						
4	17+81	RTE54 LT		1					
5	17+95	RTE54 LT			1				
6	17+98	RTE54 RT		1					
7	21+16	RTE54 RT			1				
8	21+22	RTE54 LT		1					
9	22+25	RTE54 RT		1					
10	22+49	RTE54 LT		1					
11	28+07	RTE54 LT		1					
12	28+48	RTE54 RT							
13	28+49	RTE54 RT							
14	31+37	RTE54 RT				1			
15	32+02	RTE54 LT			1				
18	37+27	RTE54 LT		1					
19	37+38	RTE54 RT						1	
20	43+94	RTE54 LT				1			
21	44+37	RTE54 RT							
22	45+04	RTE54 RT							
23	48+31	RTE54 RT		1					
24	53+45	RTE54 RT		1					
25	54+75	RTE54 RT						1	
26	56+42	RTE54 RT		1					
27	56+43	RTE54 LT				1			
28	56+90	RTE54 LT							
29	57+50	RTE54 RT				1			
30	57+77	RTE54 LT						1	
31	58+59	RTE54 RT							1
32	60+79	RTE54 LT		1					
35	63+02	RTE54 RT		1					
36	63+39	RTE54 LT		1					
37	64+52	RTE54 LT							
38	65+64	RTE54 LT				1			
39	66+45	RTE54 LT		1					
40	67+98	RTE54 RT					1		
41	71+07	RTE54 LT		1					
42	72+31	RTE54 LT					1		
43	72+87	RTE54 LT	1						
44	73+65	RTE54 LT						1	
45	73+90	RTE54 LT	1						
		SUBTOTAL	3	15	3	5	2	4	1

NOTE:
SIGN NO. 1, 16, 17, 33
AND 34 ARE NOT USED

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NO.	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET: SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLOURESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLOURESCENT STF * ITEM NO. 9035071A
TYPE 3 OBJECT MARKER OM3-R		3	12 x 36		9.0		
STOP SIGN R1-1		15	36 x 36	135.0			
SPEED LIMIT 30 MPH R2-1		3	36 x 48	36.0			
SPEED LIMIT 40 MPH R2-1		5	36 x 48	60.0			
SPEED LIMIT 50 MPH R2-1		2	36 x 48	24.0			
CENTER LANE TWO-WAY LEFT TURN R3-9b		4	24 x 36	24.0			
LANE ENDS W4-2R		1	36 x 36		9.0		
			SUBTOTAL	279.0	18.0		
			TOTAL	279	18		

* ORANGE, YELLOW & YELLOW/GREEN

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 12:36:55 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED: 4/17/2025
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 162
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
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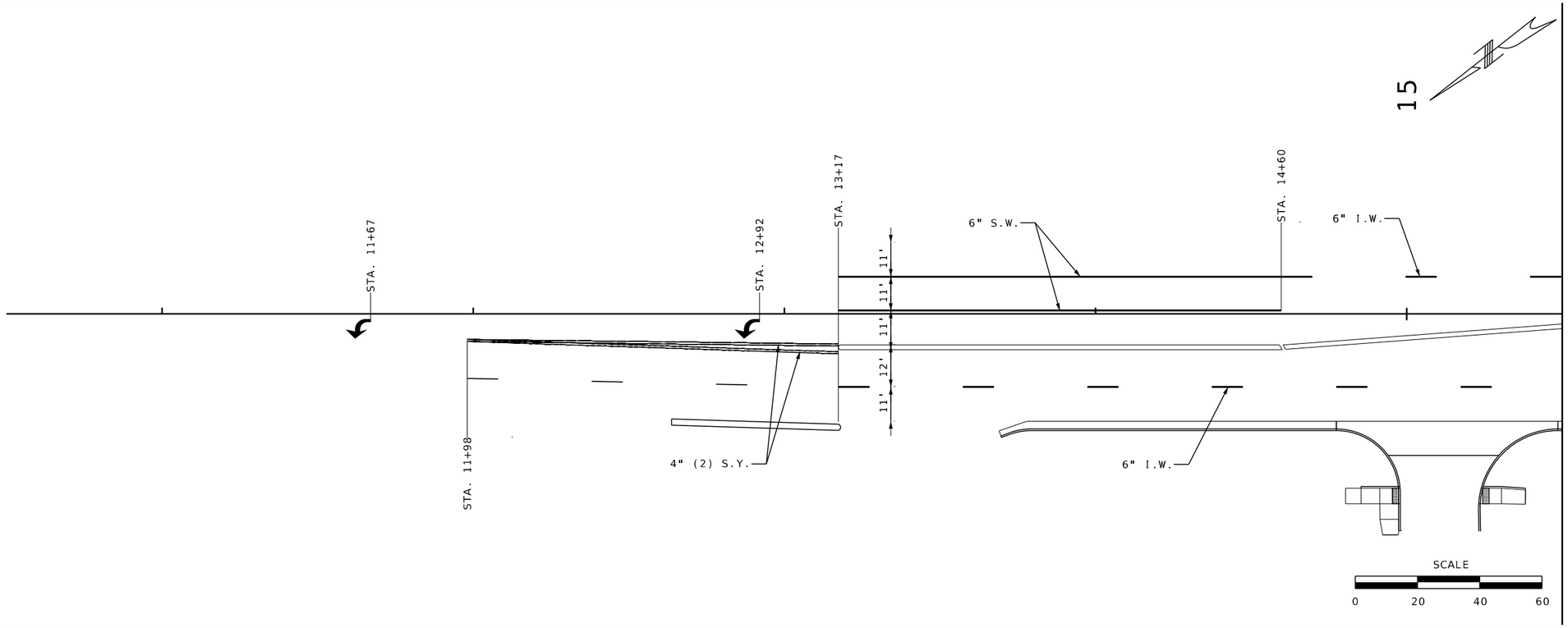
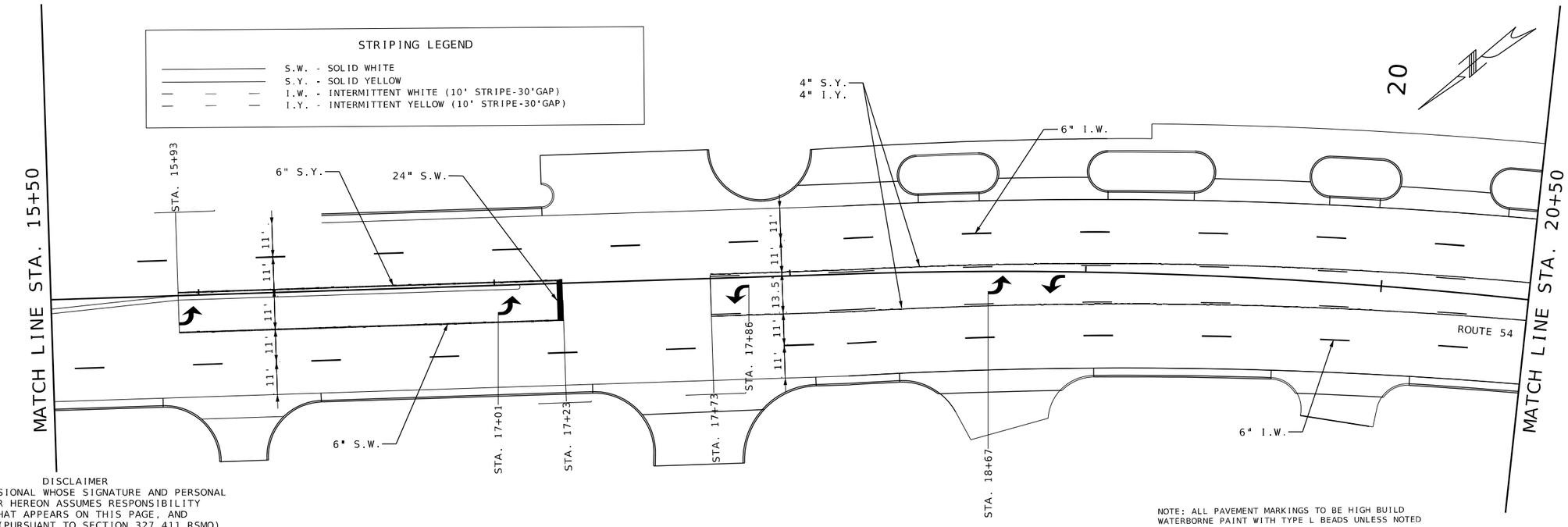
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





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NOTE: ALL PAVEMENT MARKINGS TO BE HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS UNLESS NOTED OTHERWISE.

ARROWS AND STOP BARS TO BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

PAVEMENT MARKING
SHEET 1 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 7:19:41 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	163

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

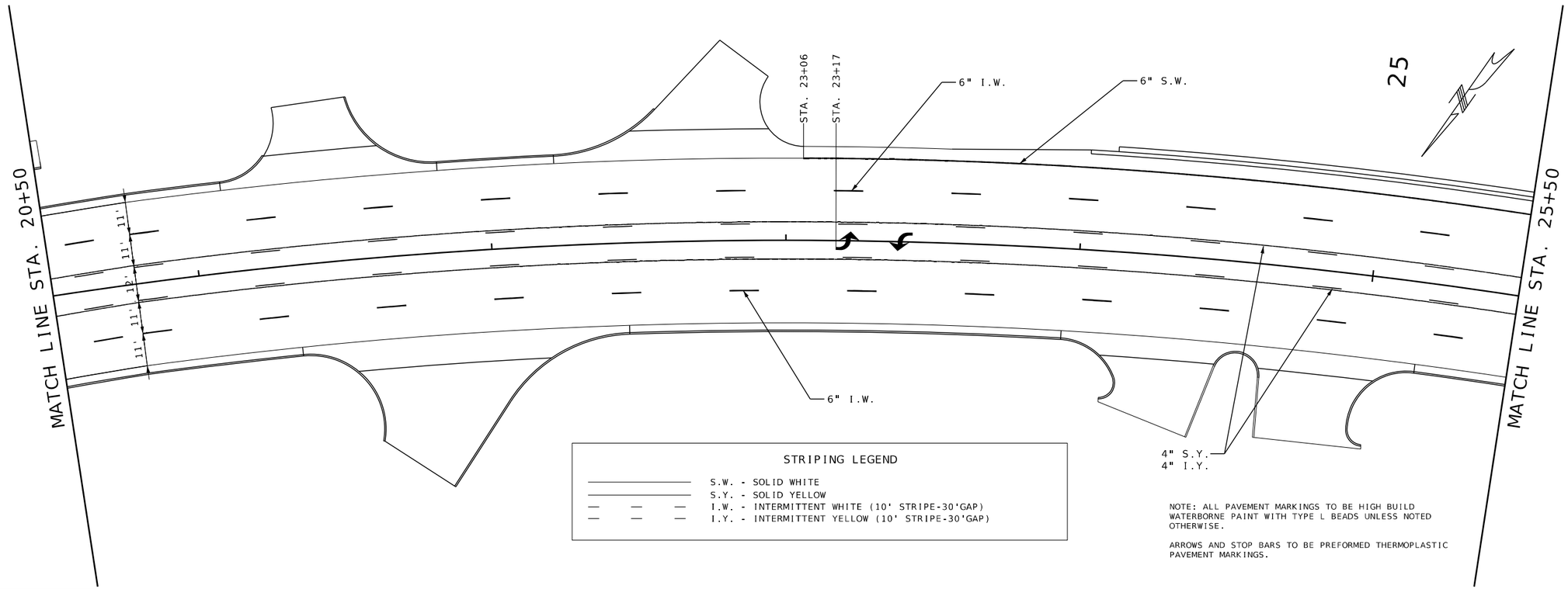
DESCRIPTION	DATE

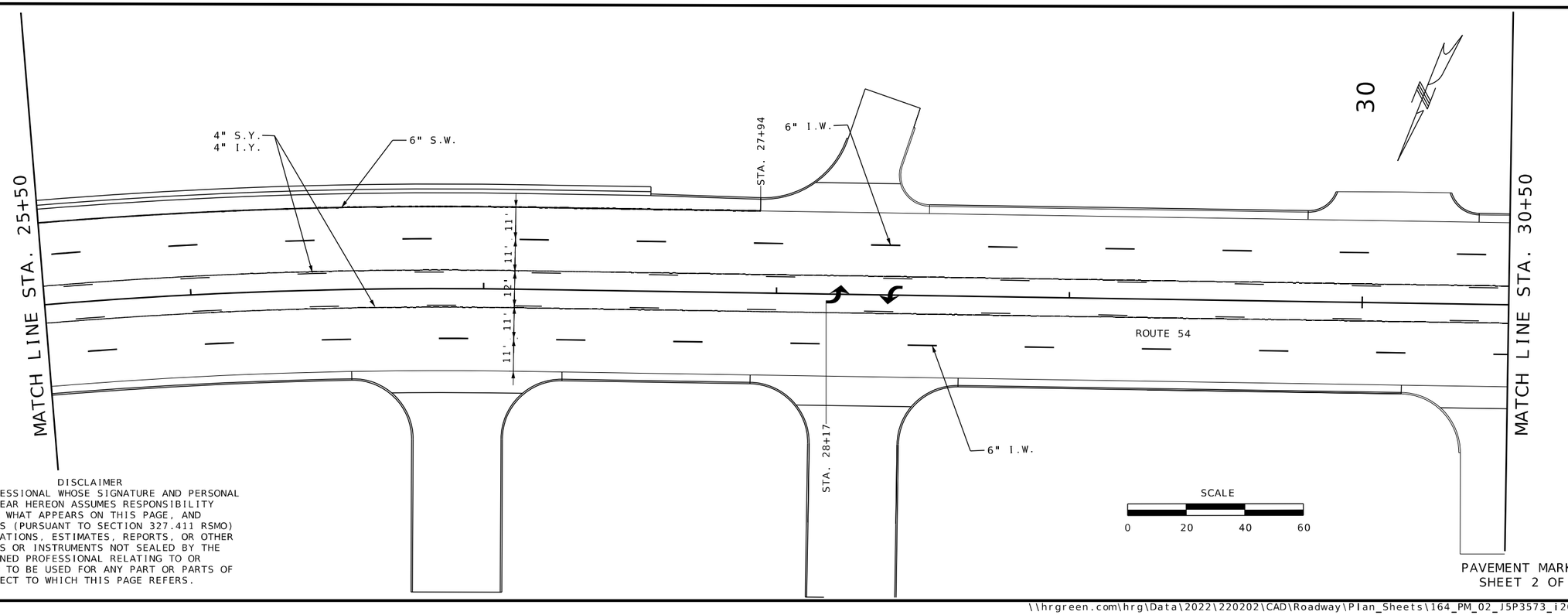
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen





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PAVEMENT MARKING
SHEET 2 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 7:19:41 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	164

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

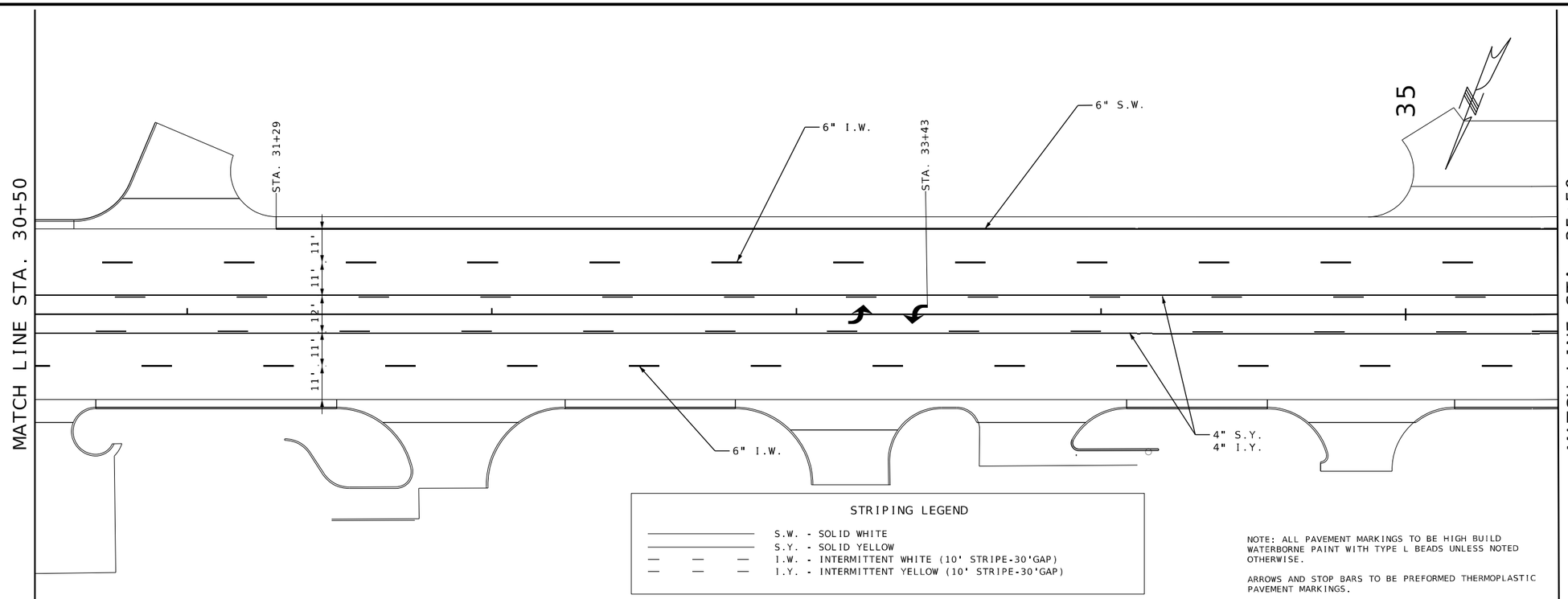
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608



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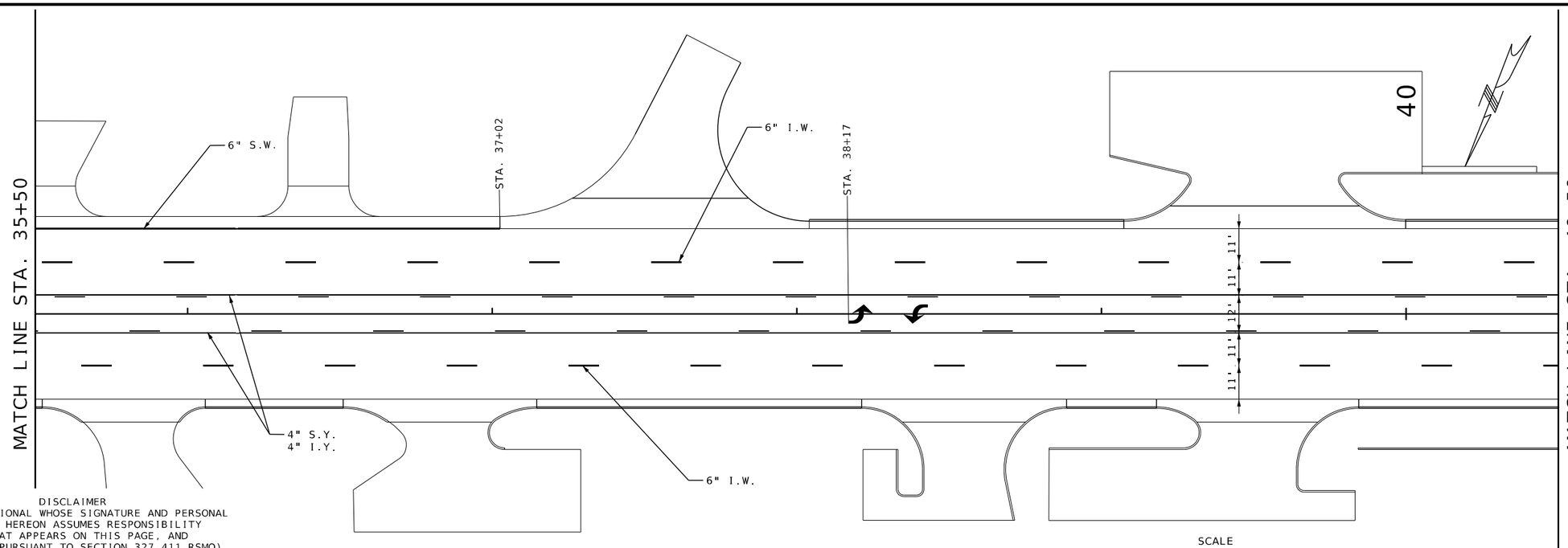
ARROWS AND STOP BARS TO BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.



SCALE

0 20 40 60

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PAVEMENT MARKING
SHEET 3 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart
04/14/2025 7:19:41 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	165

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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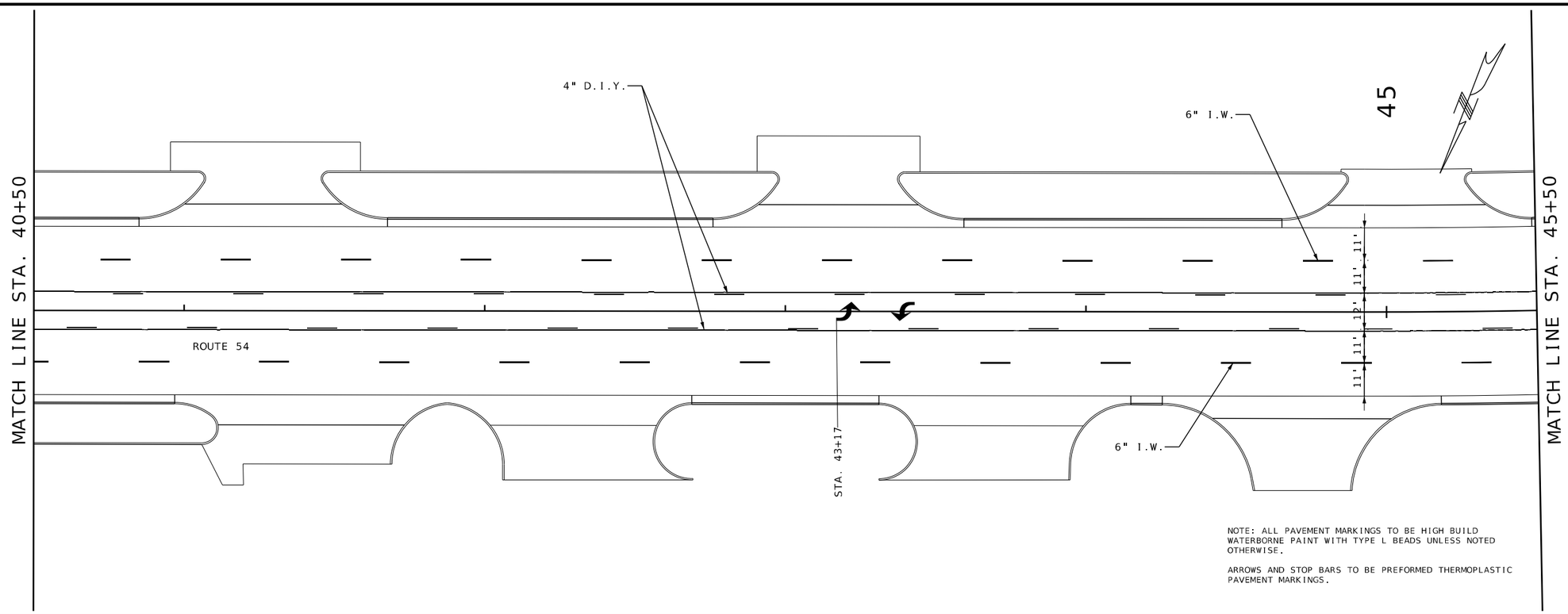

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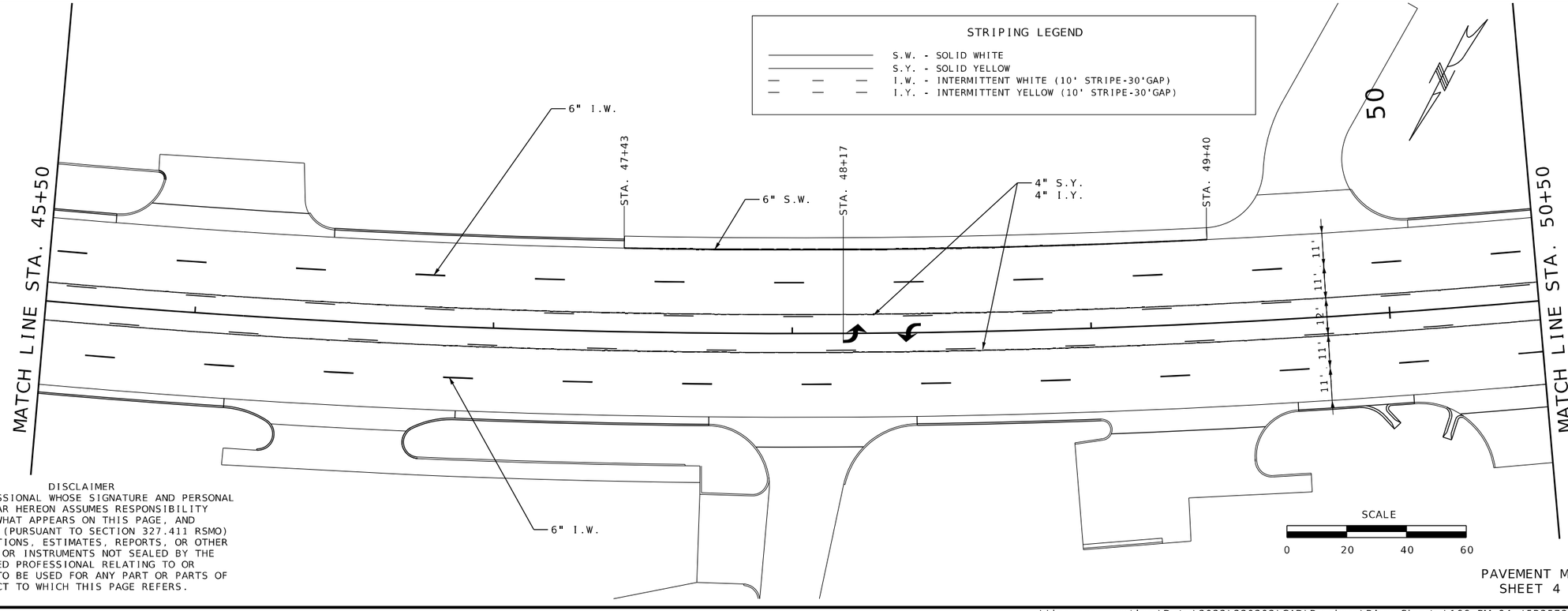
ARROWS AND STOP BARS TO BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.



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PAVEMENT MARKING
SHEET 4 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

04/14/2025 7:19:41 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	166

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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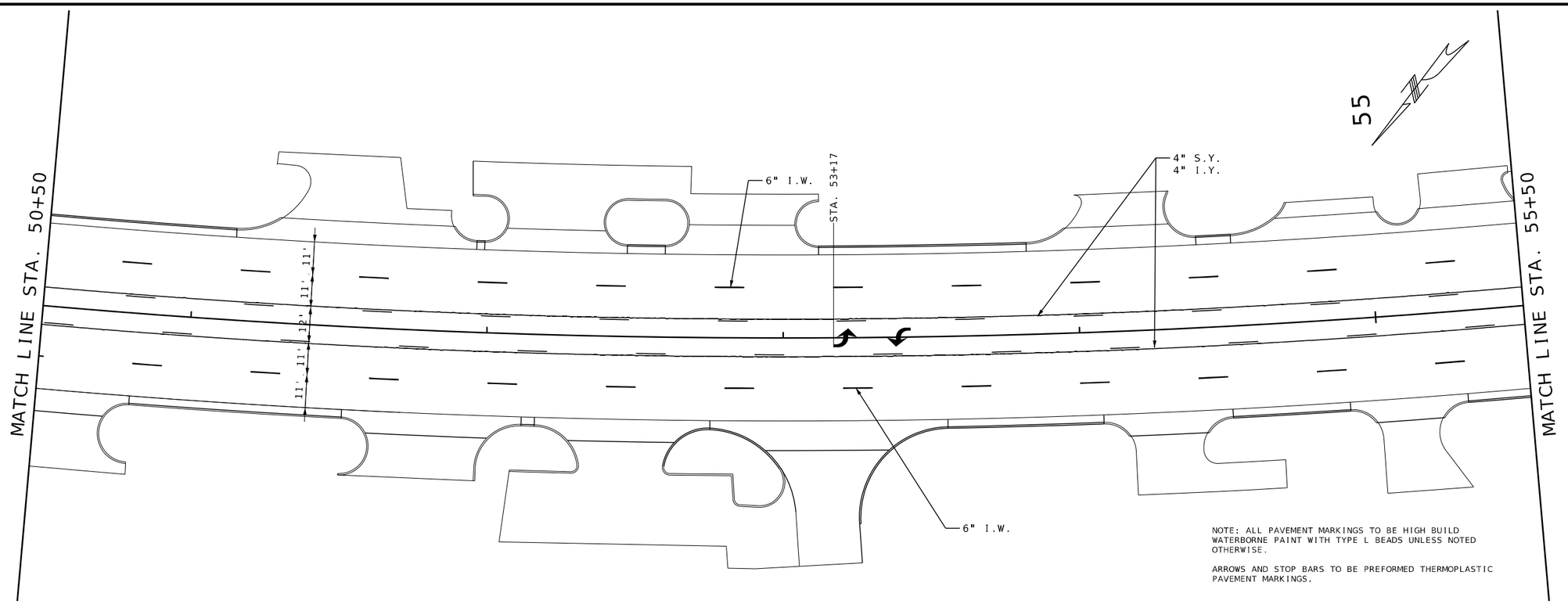
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

\\hrgreen.com\hrg\Data\2022\220202\CAD\Roadway\Plan_Sheets\166_PM_04_J5P3573_i20.dgn 5:49:31 PM 4/13/2025



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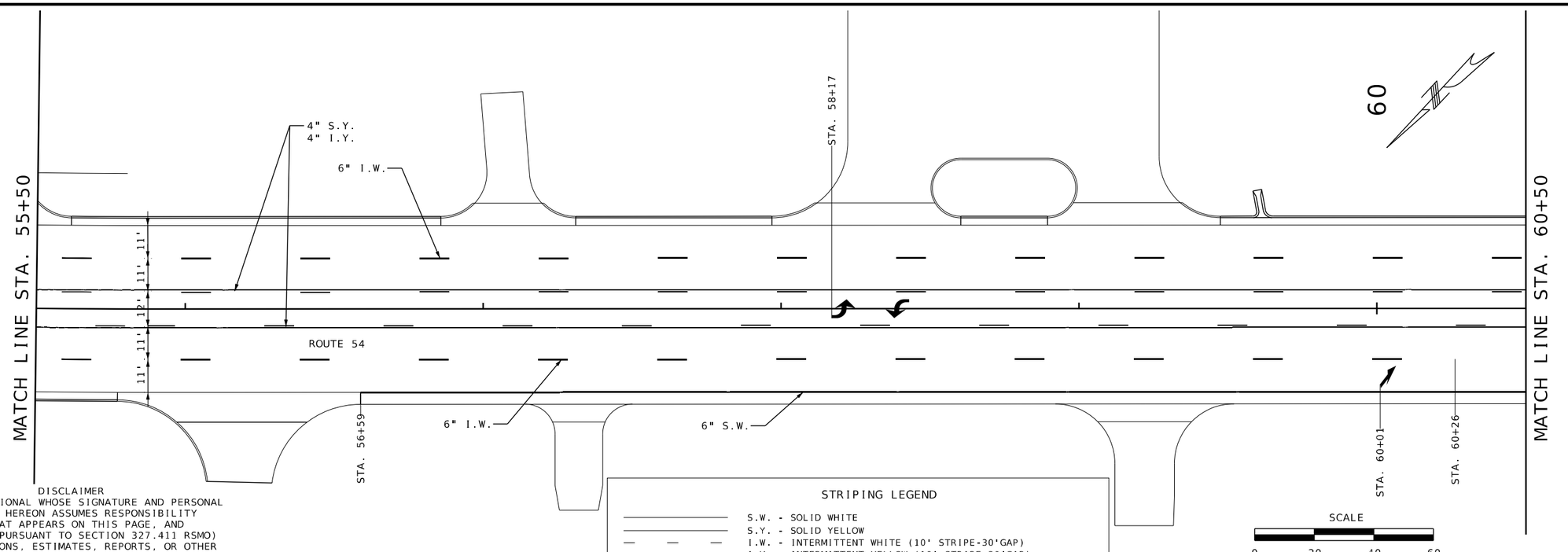

STRIPING LEGEND

- S.W. - SOLID WHITE
- S.Y. - SOLID YELLOW
- I.W. - INTERMITTENT WHITE (10' STRIPE-30'GAP)
- I.Y. - INTERMITTENT YELLOW (10' STRIPE-30'GAP)

SCALE

0 20 40 60

DISCLAIMER

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PAVEMENT MARKING
SHEET 5 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

04/14/2025 7:19:42 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	167

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

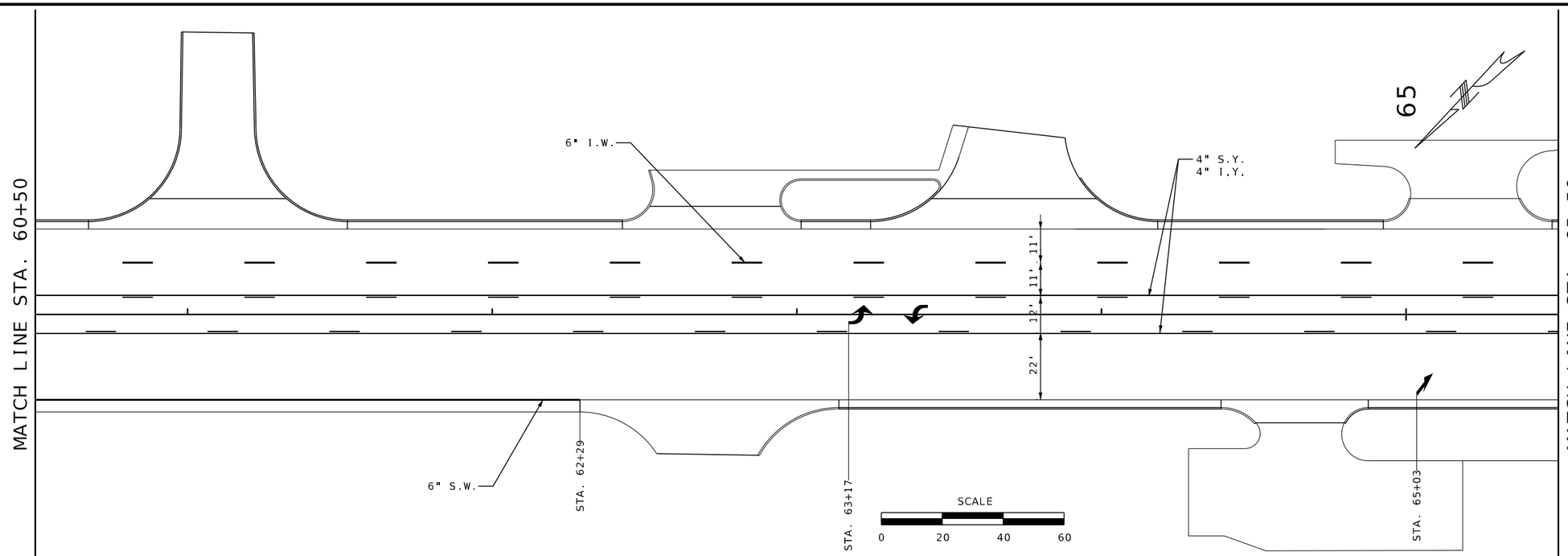
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

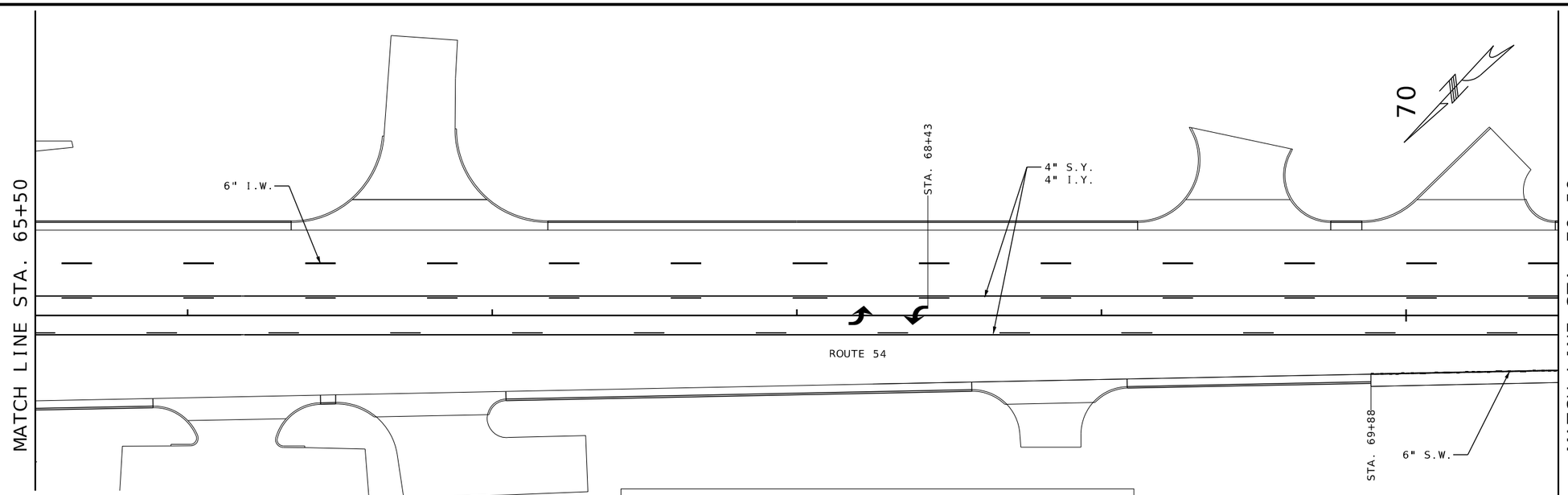
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen





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STRIPING LEGEND

- S.W. - SOLID WHITE
- S.Y. - SOLID YELLOW
- I.W. - INTERMITTENT WHITE (10' STRIPE-30'GAP)
- I.Y. - INTERMITTENT YELLOW (10' STRIPE-30'GAP)

NOTE: ALL PAVEMENT MARKINGS TO BE HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS UNLESS NOTED OTHERWISE.

ARROWS AND STOP BARS TO BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

PAVEMENT MARKING
SHEET 6 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S Burkart
04/14/2025 7:19:42 AM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	168

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

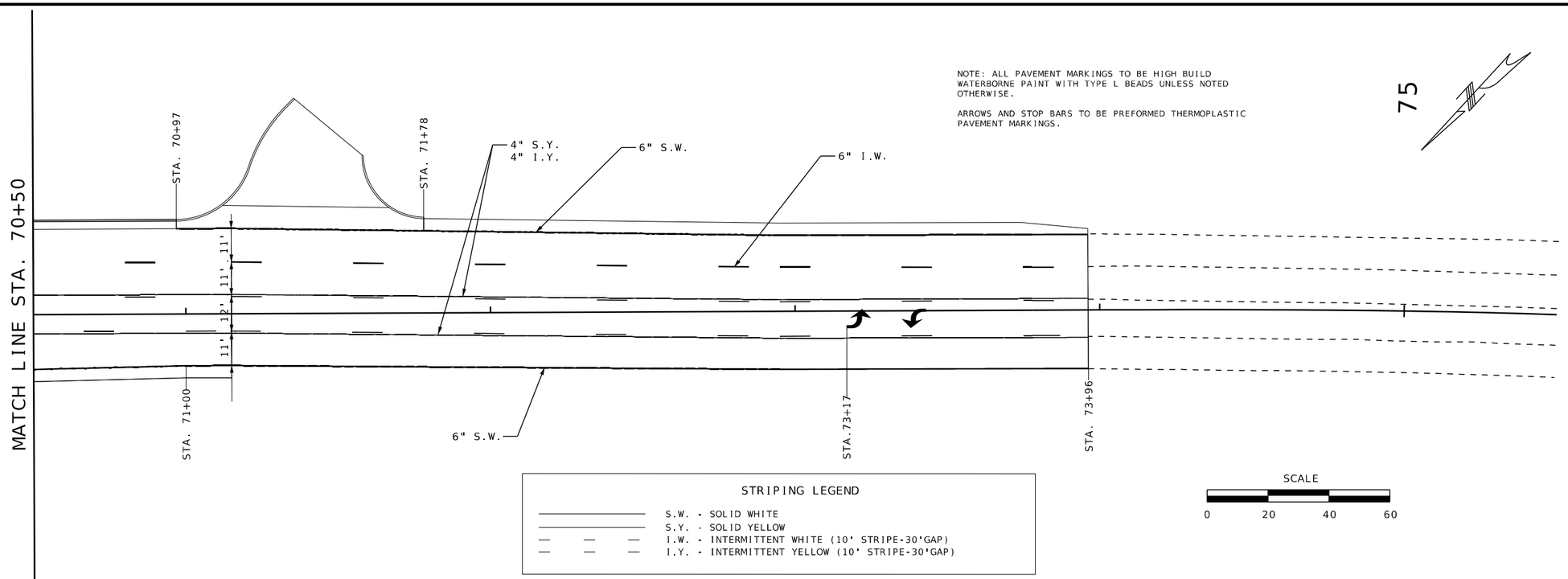
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen



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PAVEMENT MARKING
SHEET 7 OF 7

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 12:15:46 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	169

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

HRGreen

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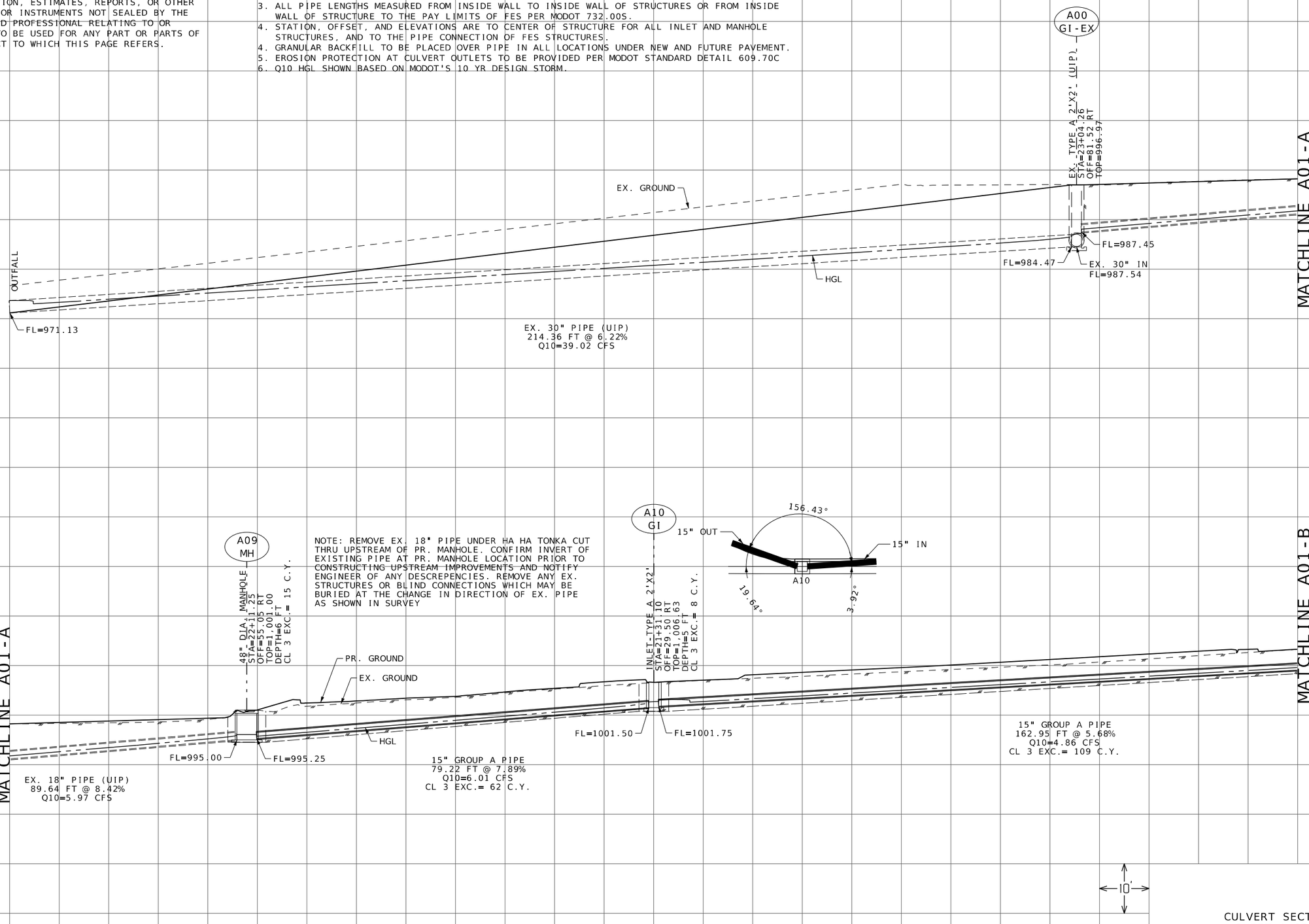
NOTES:
1. ALL STRUCTURES/PIPES TO BE MAINTAINED BY MODOT UNLESS OTHERWISE NOTED.
2. ALL PIPES SHALL BE SMOOTH INTERIOR REGARDLESS OF MATERIAL SELECTION.
3. ALL PIPE LENGTHS MEASURED FROM INSIDE WALL TO INSIDE WALL OF STRUCTURES OR FROM INSIDE WALL OF STRUCTURE TO THE PAY LIMITS OF FES PER MODOT 732.00S.
4. STATION, OFFSET, AND ELEVATIONS ARE TO CENTER OF STRUCTURE FOR ALL INLET AND MANHOLE STRUCTURES, AND TO THE PIPE CONNECTION OF FES STRUCTURES.
4. GRANULAR BACKFILL TO BE PLACED OVER PIPE IN ALL LOCATIONS UNDER NEW AND FUTURE PAVEMENT.
5. EROSION PROTECTION AT CULVERT OUTLETS TO BE PROVIDED PER MODOT STANDARD DETAIL 609.70C
6. Q10 HGL SHOWN BASED ON MODOT'S 10 YR DESIGN STORM.



CULVERT SECTIONS
SHEET 1 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/14/2025 2:32:52 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	170

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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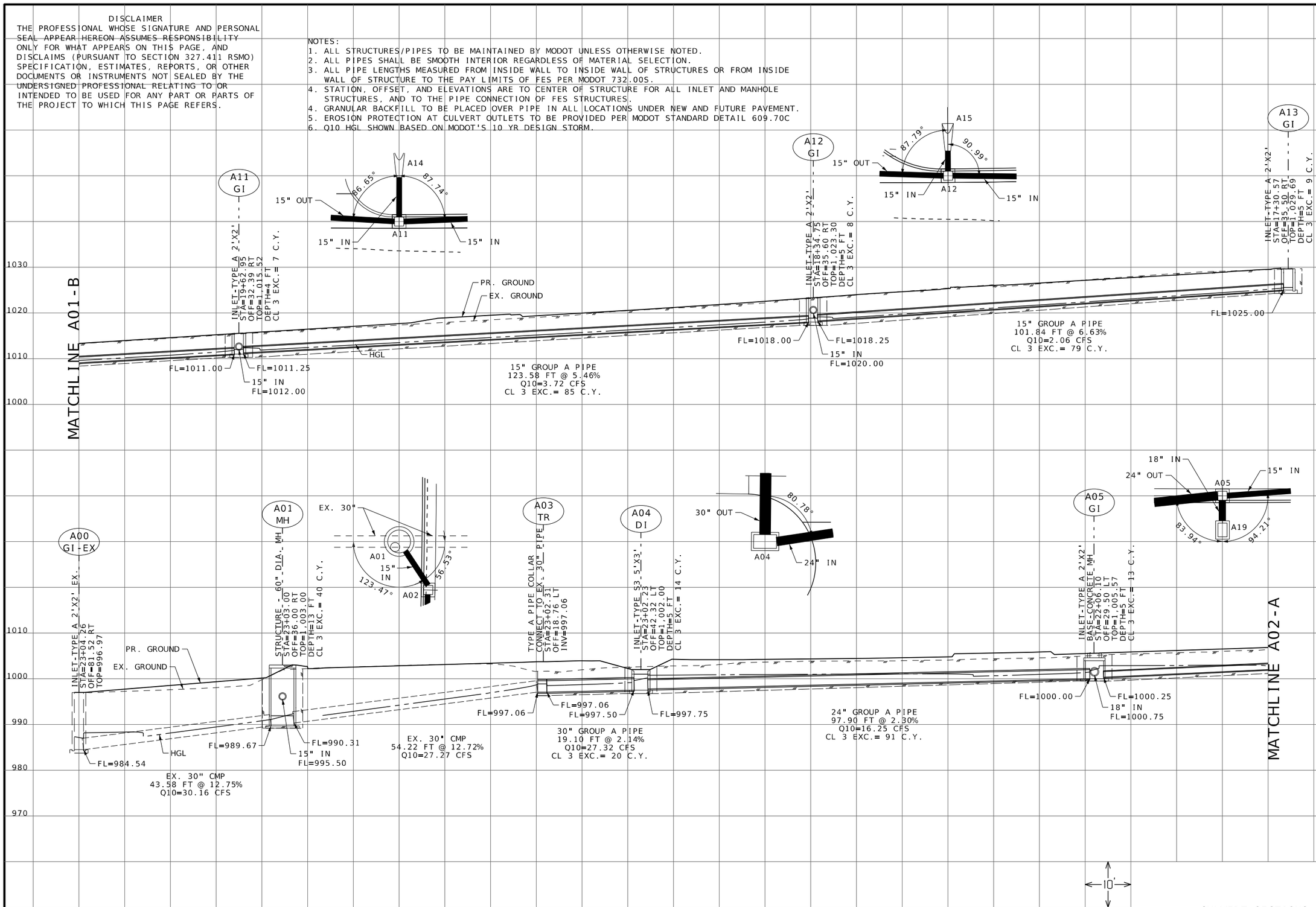

CULVERT SECTIONS
SHEET 2 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
04/17/2025 1:13:37 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED: 4/17/2025
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 171
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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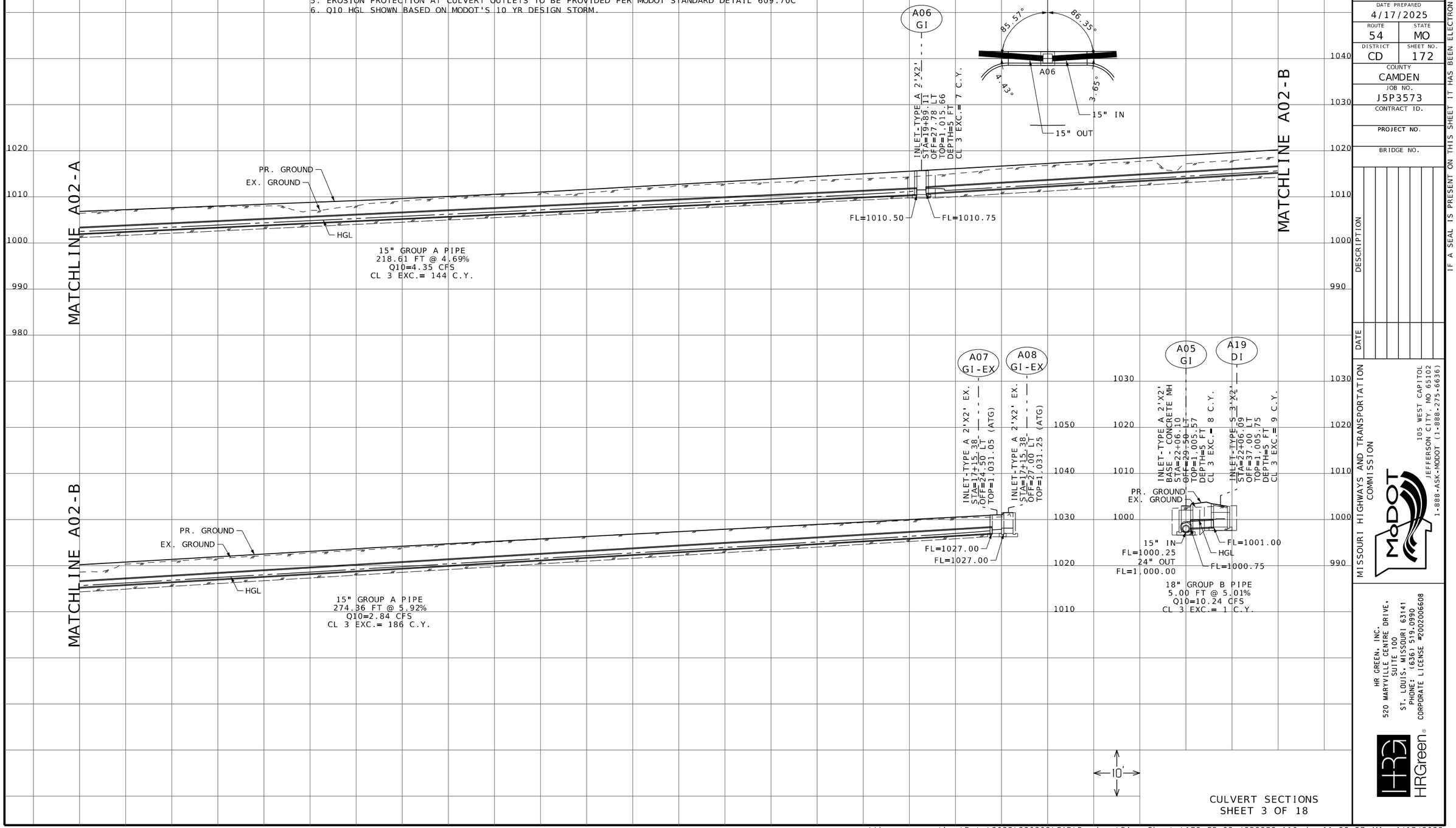

CULVERT SECTIONS
SHEET 3 OF 18

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

04/17/2025 1:14:31 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	172

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CORPORATE LICENSE #2002006608

HRGreen

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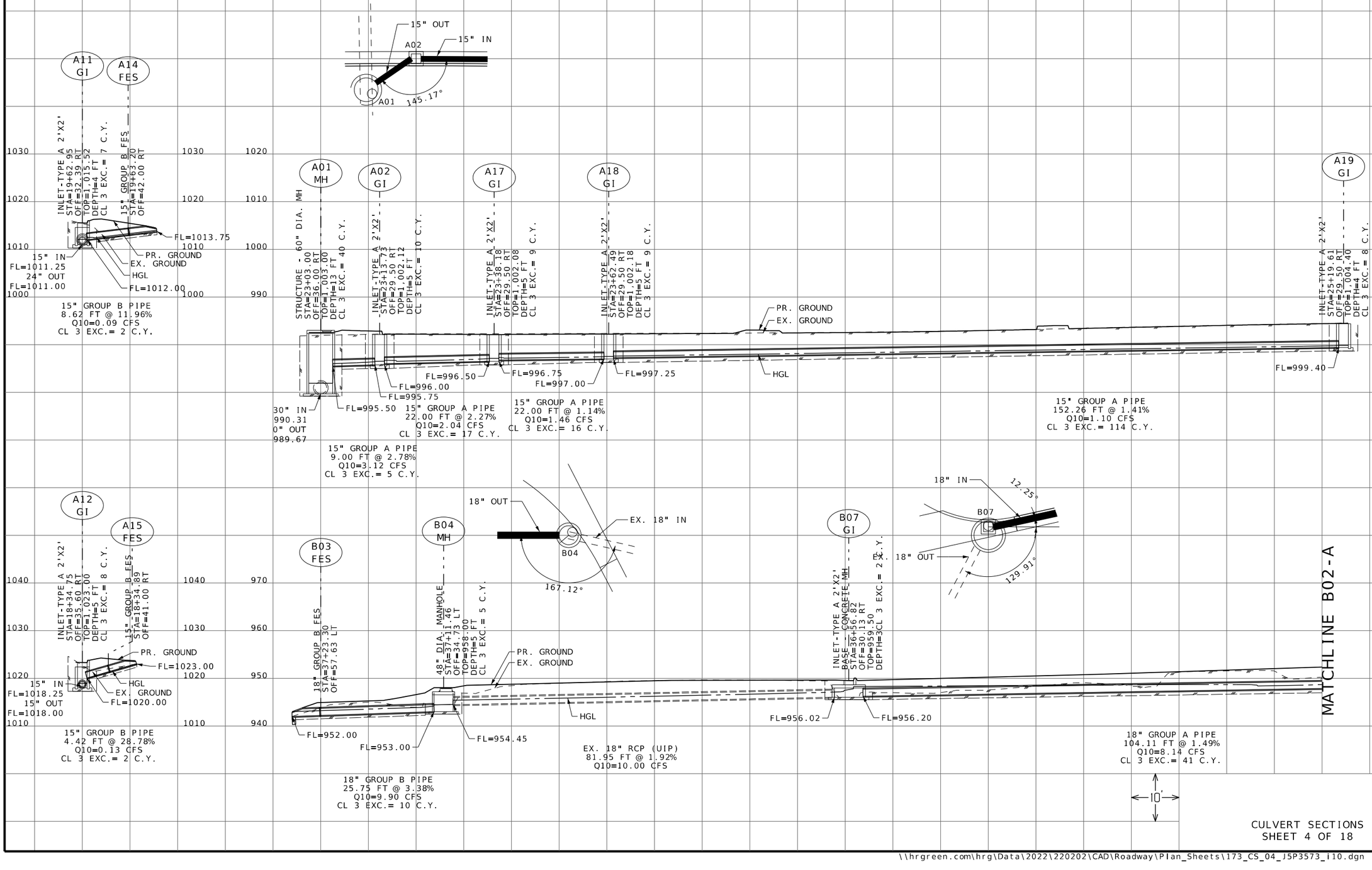
6. Q10 HGL SHOWN BASED ON MODOT'S 10 YR DESIGN STORM.



CULVERT SECTIONS
SHEET 4 OF 18

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

04/17/2025 1:21:18 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	173

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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JEFFERSON CITY, MO 65102
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HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
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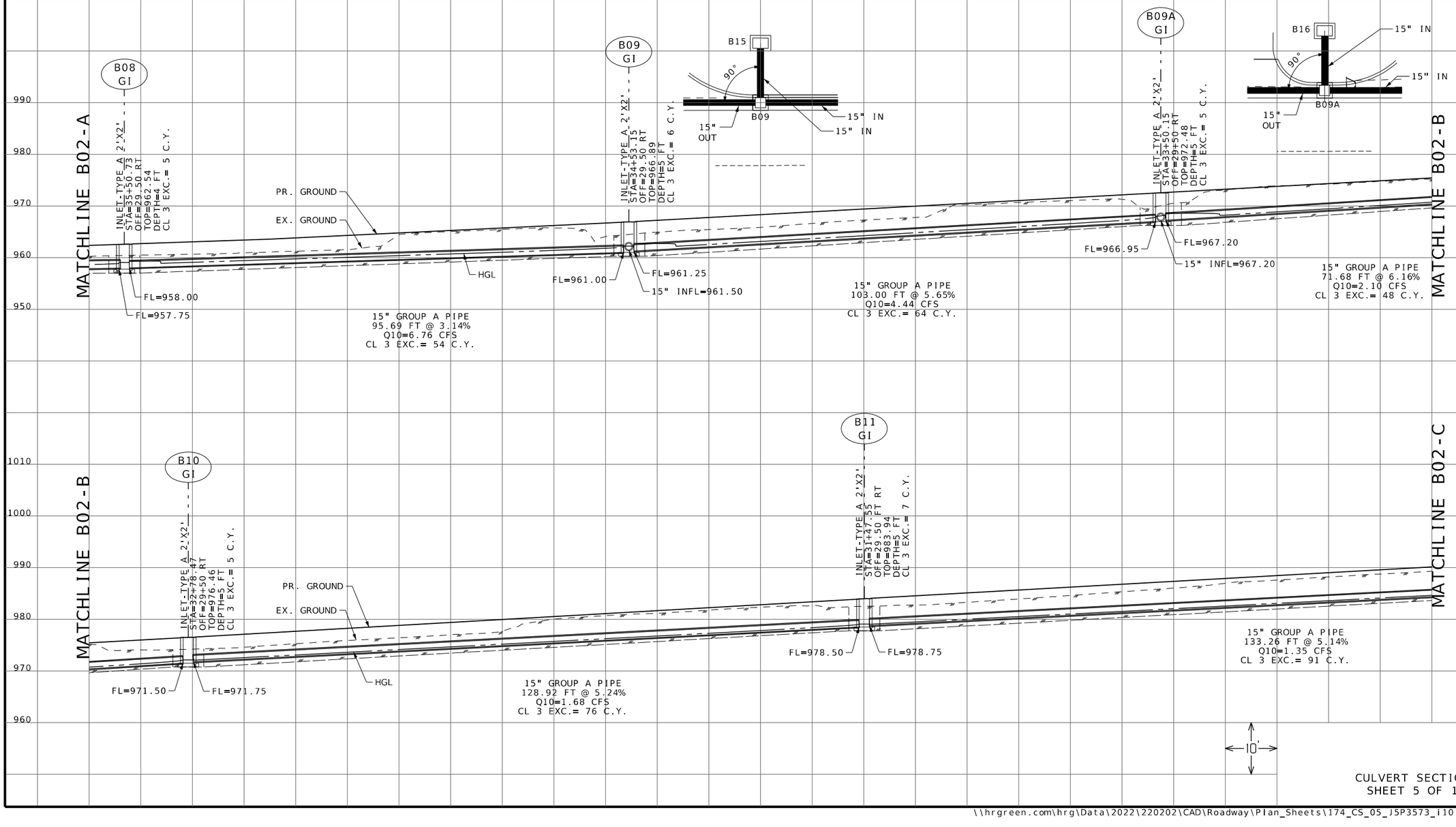

CULVERT SECTIONS
SHEET 5 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

Emily S. Burkart

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Emily S. Burkart - Civil
MO PE-2011015708

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	174

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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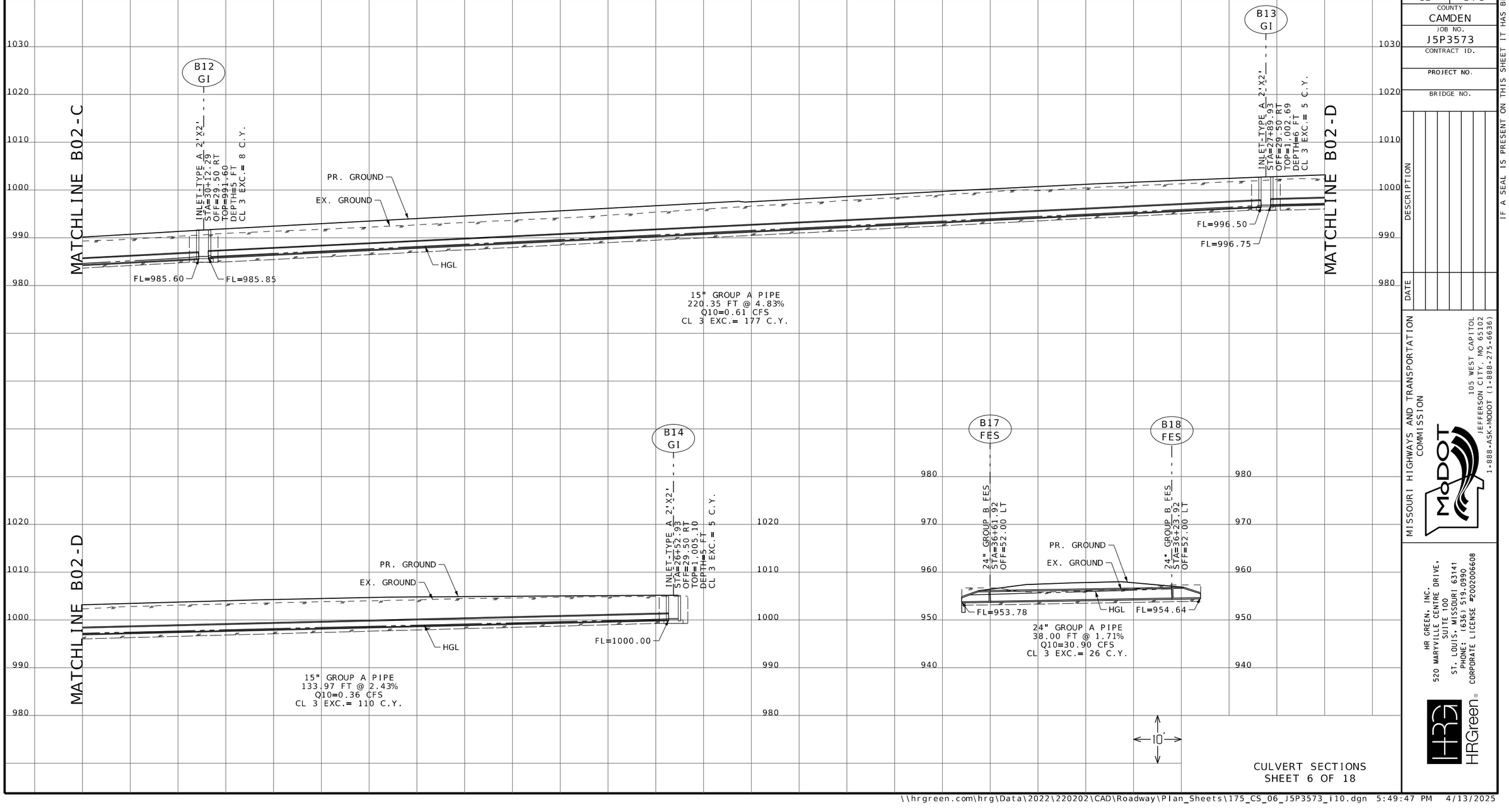

CULVERT SECTIONS
SHEET 6 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

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Emily S. Burkart - Civil
MO PE-2011015708

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	175

COUNTY
CAMDEN

JOB NO.
J5P3573

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PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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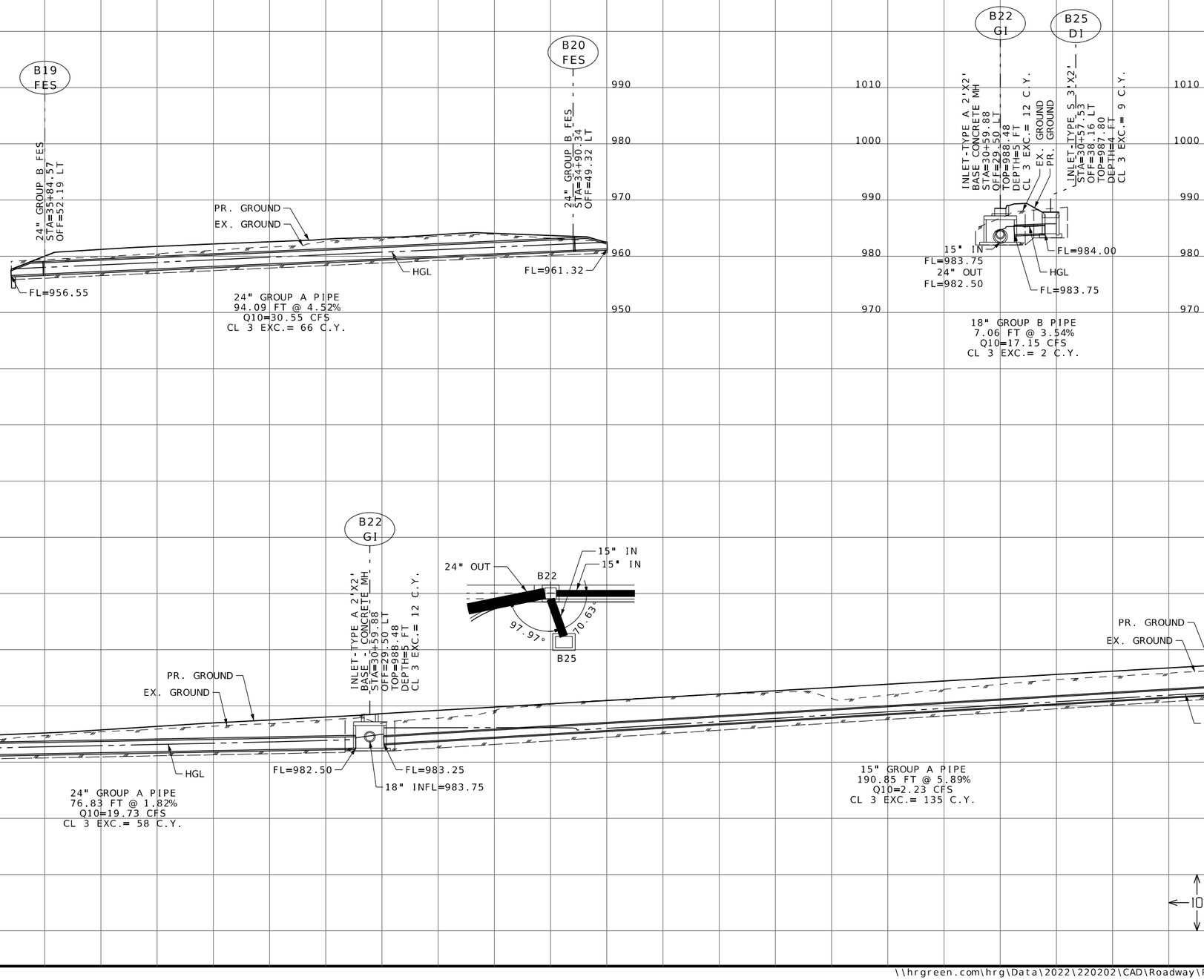

CULVERT SECTIONS
SHEET 7 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
Emily S. Burkart
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Emily S. Burkart - Civil
MO PE-2011015708

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4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	176

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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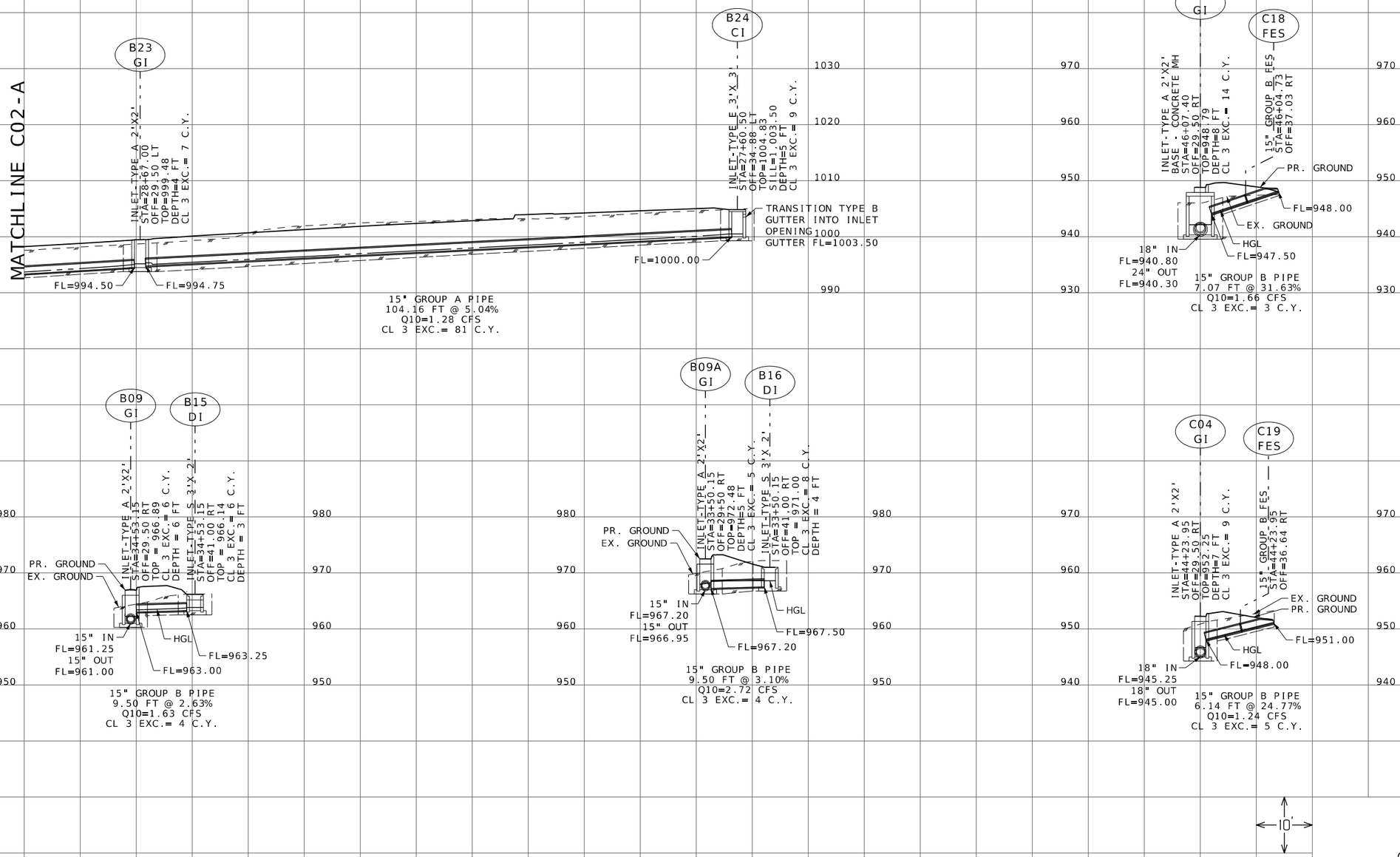

CULVERT SECTIONS
SHEET 8 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 1:28:32 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED: 4/17/2025
ROUTE: 54 | STATE: MO
DISTRICT: CD | SHEET NO.: 177
COUNTY: CAMDEN
JOB NO.: J5P3573
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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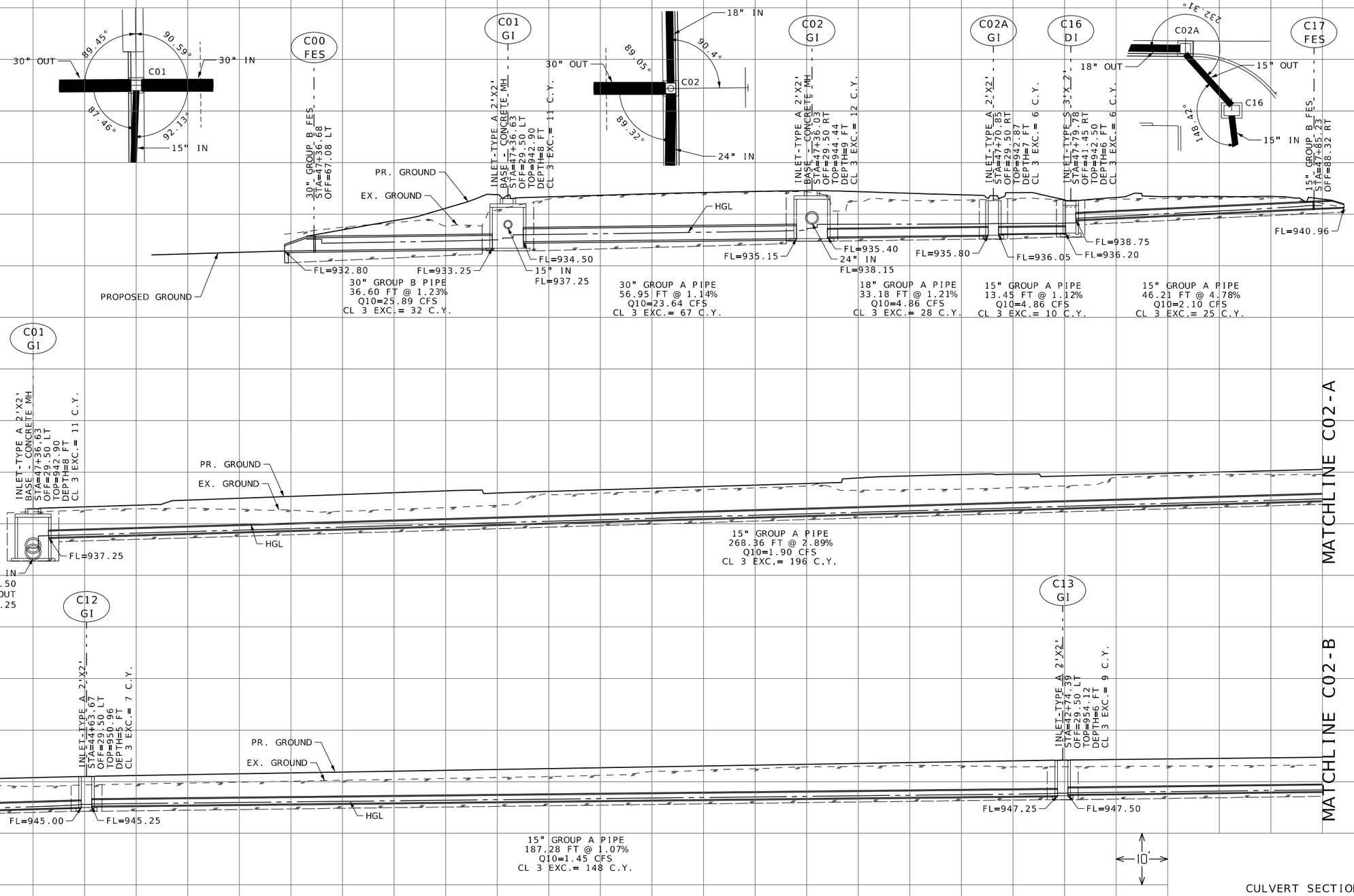

CULVERT SECTIONS
SHEET 9 OF 18

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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Emily S. Burkart - Civil
MO PE-2011015708

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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	178

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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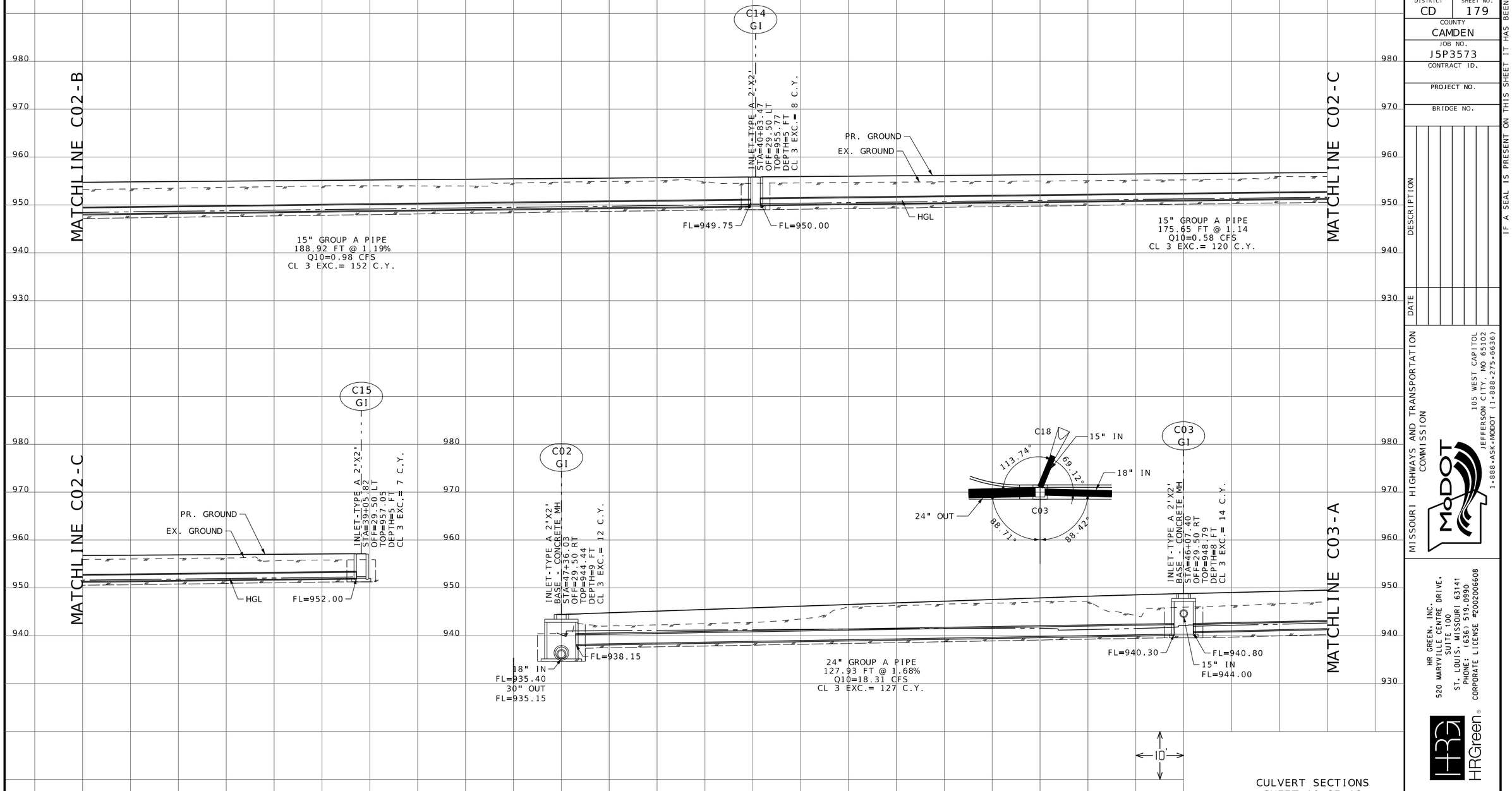

CULVERT SECTIONS
SHEET 10 OF 18

EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	179

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
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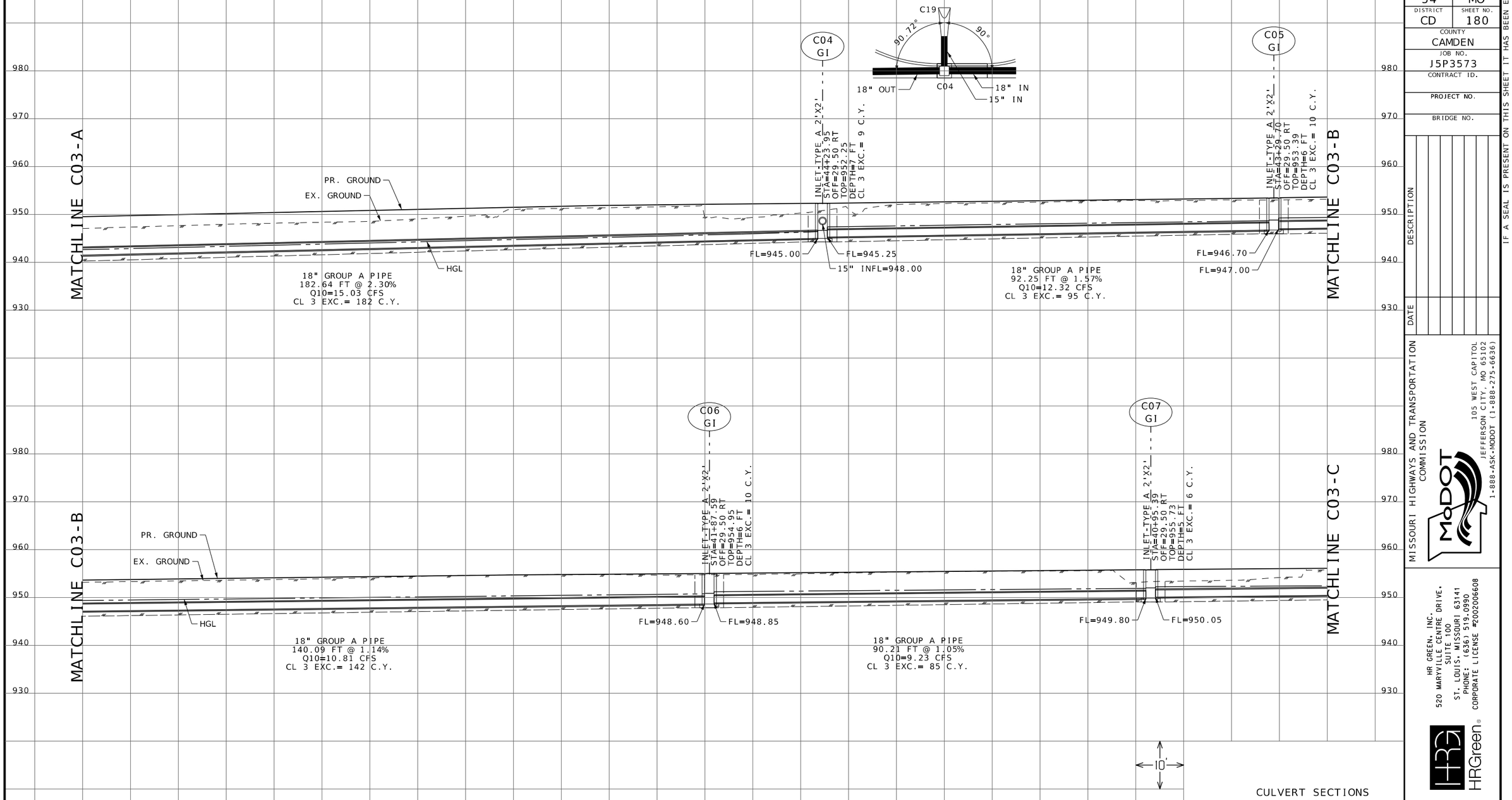

CULVERT SECTIONS
SHEET 11 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/14/2025 2:34:13 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	180

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE.
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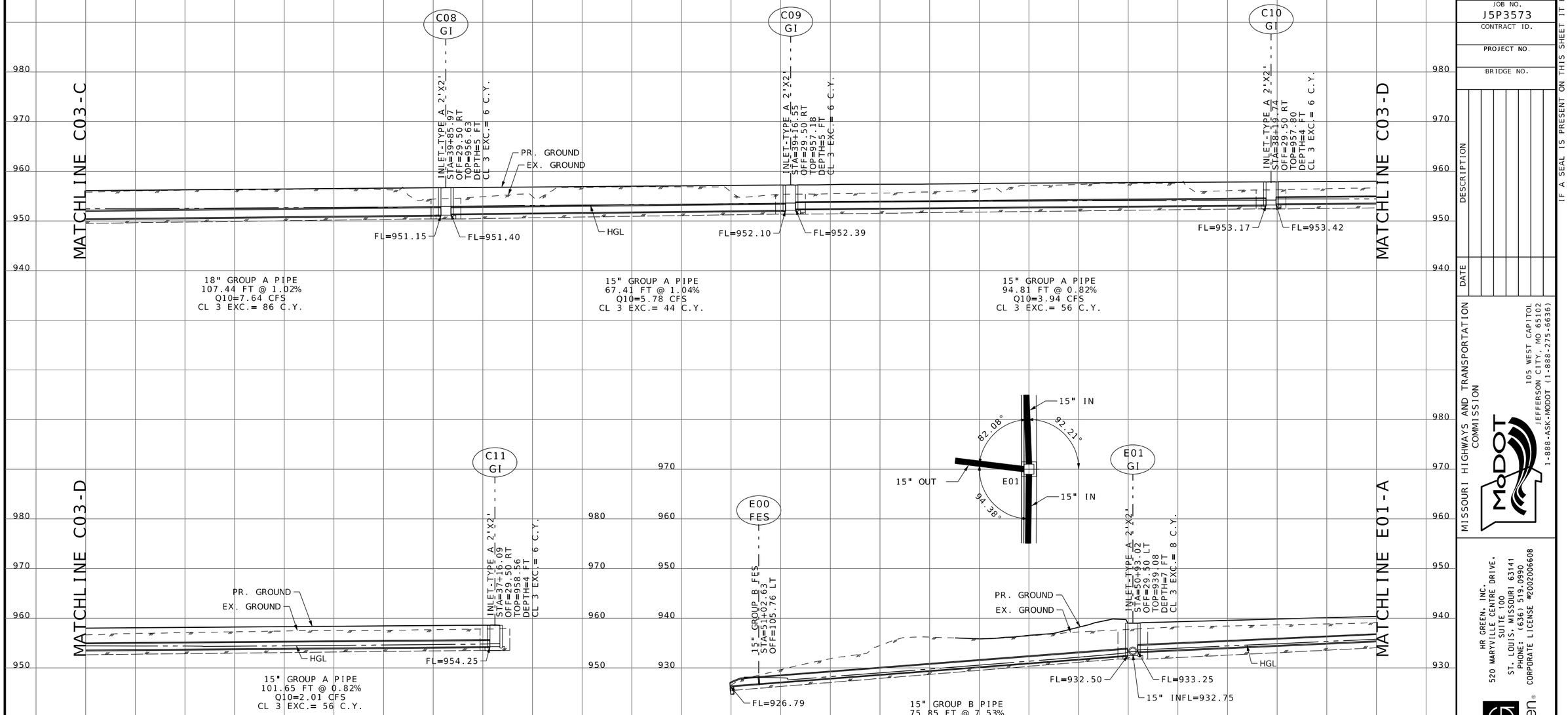

CULVERT SECTIONS
SHEET 12 OF 18

EMILY S. BURKART
PE-2011015708
STATE OF MISSOURI
PROFESSIONAL ENGINEER
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Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	181

COUNTY
CAMDEN

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J5P3573

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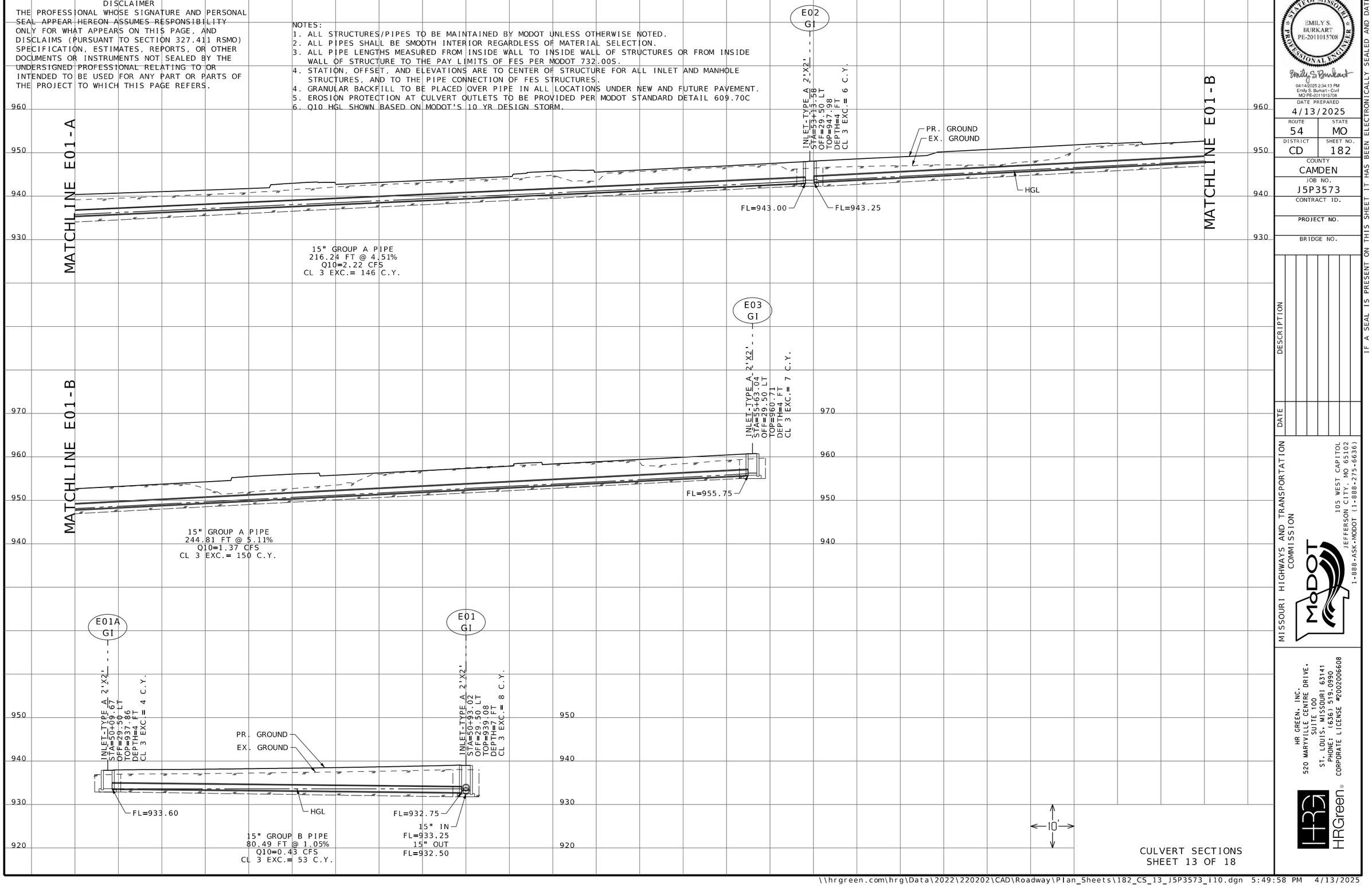

CULVERT SECTIONS
SHEET 13 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER

04/14/2025 2:34:13 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/13/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	182

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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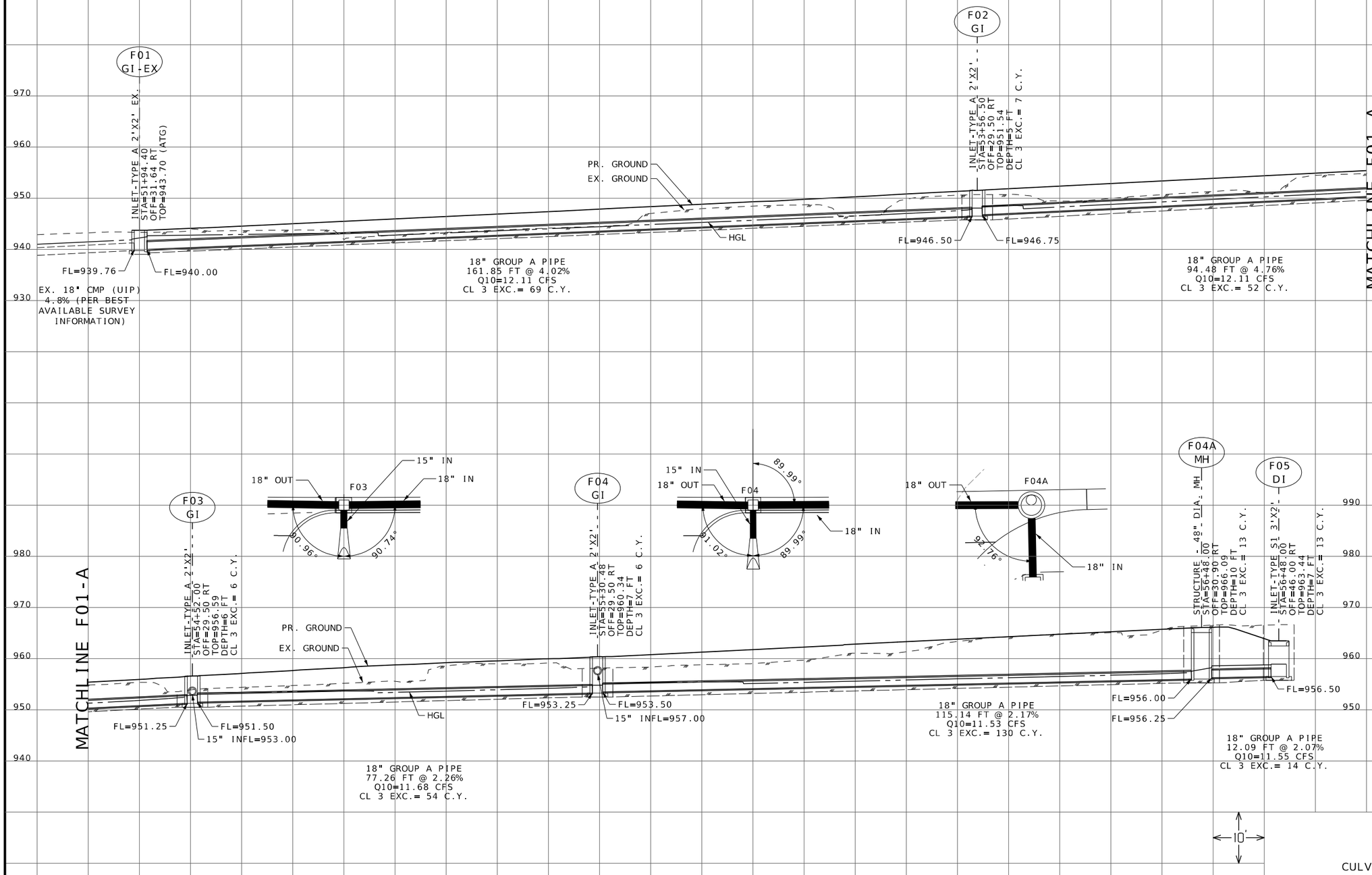
6. Q10 HGL SHOWN BASED ON MODOT'S 10 YR DESIGN STORM.



CULVERT SECTIONS
SHEET 14 OF 18

STATE OF MISSOURI
EMILY S. BURKART
PE-2011015708
PROFESSIONAL ENGINEER
04/17/2025 1:32:29 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

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54	MO
DISTRICT	SHEET NO.
CD	183

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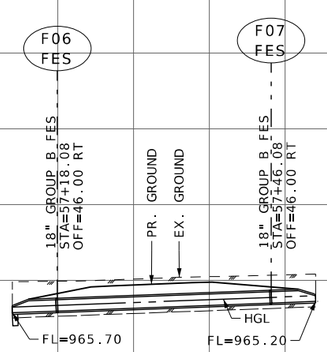
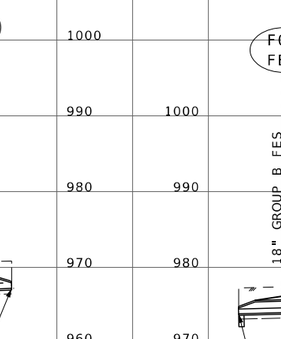
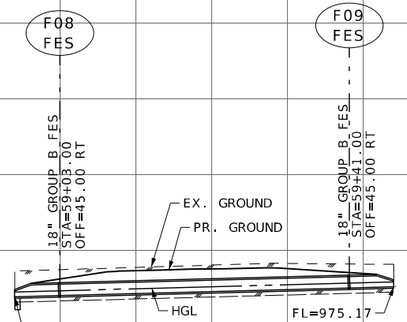
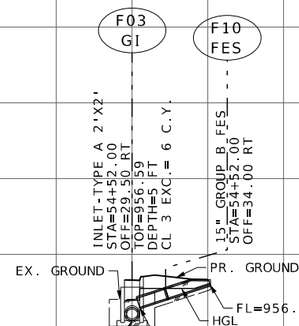




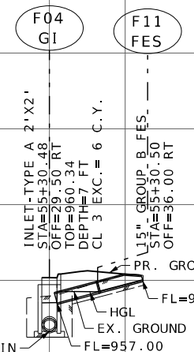
18" GROUP B PIPE
28.00 FT @ 3.75%
Q10=9.17 CFS
CL 3 EXC.= 27 C.Y.



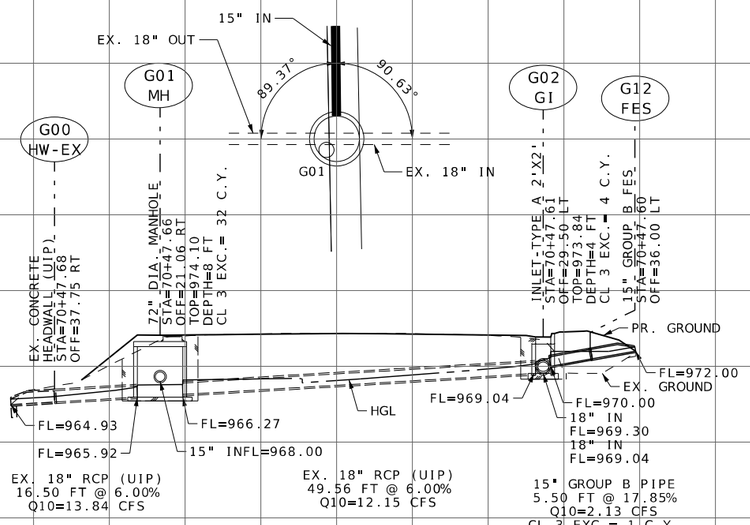
18" GROUP B PIPE
38.00 FT @ 2.64%
Q10=6.78 CFS
CL 3 EXC.= 30 C.Y.



15" GROUP B PIPE
3.50 FT @ 32.28%
Q10=0.67 CFS
CL 3 EXC.= 2 C.Y.



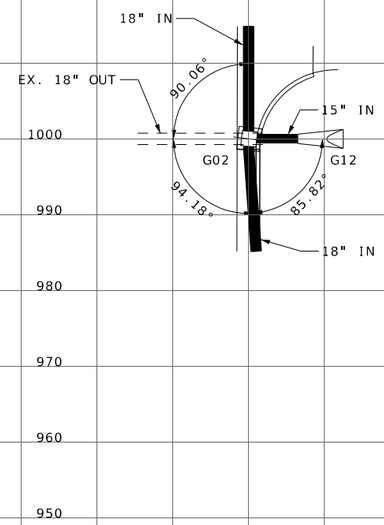
15" GROUP B PIPE
5.50 FT @ 26.54%
Q10=0.19 CFS
CL 3 EXC.= 3 C.Y.



EX. 18" RCP (UIP)
16.50 FT @ 6.00%
Q10=13.84 CFS

EX. 18" RCP (UIP)
49.56 FT @ 6.00%
Q10=12.15 CFS

15" GROUP B PIPE
5.50 FT @ 17.85%
Q10=2.13 CFS
CL 3 EXC.= 1 C.Y.



10'

CULVERT SECTIONS
SHEET 15 OF 18

EMILY S. BURKART
PE-2011015708
STATE OF MISSOURI
PROFESSIONAL ENGINEER
04/17/2025 1:33:35 PM
Emily S. Burkart - Civil
MO PE-2011015708

DATE PREPARED
4/17/2025

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	184

COUNTY
CAMDEN

JOB NO.
J5P3573

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HR GREEN, INC.
520 MARYVILLE CENTRE DRIVE,
SUITE 100
ST. LOUIS, MISSOURI 63141
PHONE: (636) 519.0990
CORPORATE LICENSE #2002006608

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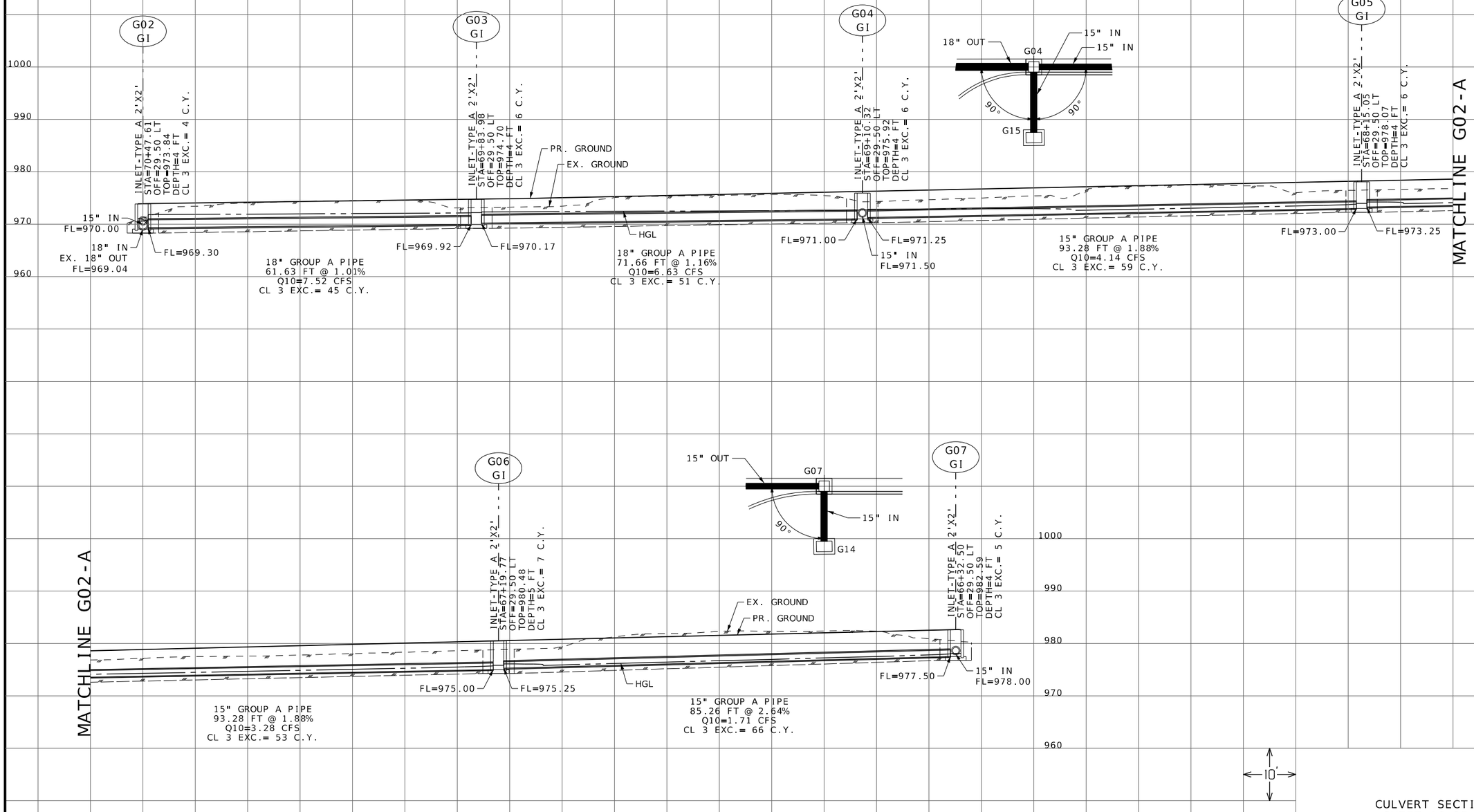

CULVERT SECTIONS
SHEET 16 OF 18

EMILY S. BURKART
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STATE OF MISSOURI

04/14/2025 2:34:13 PM
Emily S. Burkart - Civil
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ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
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COUNTY
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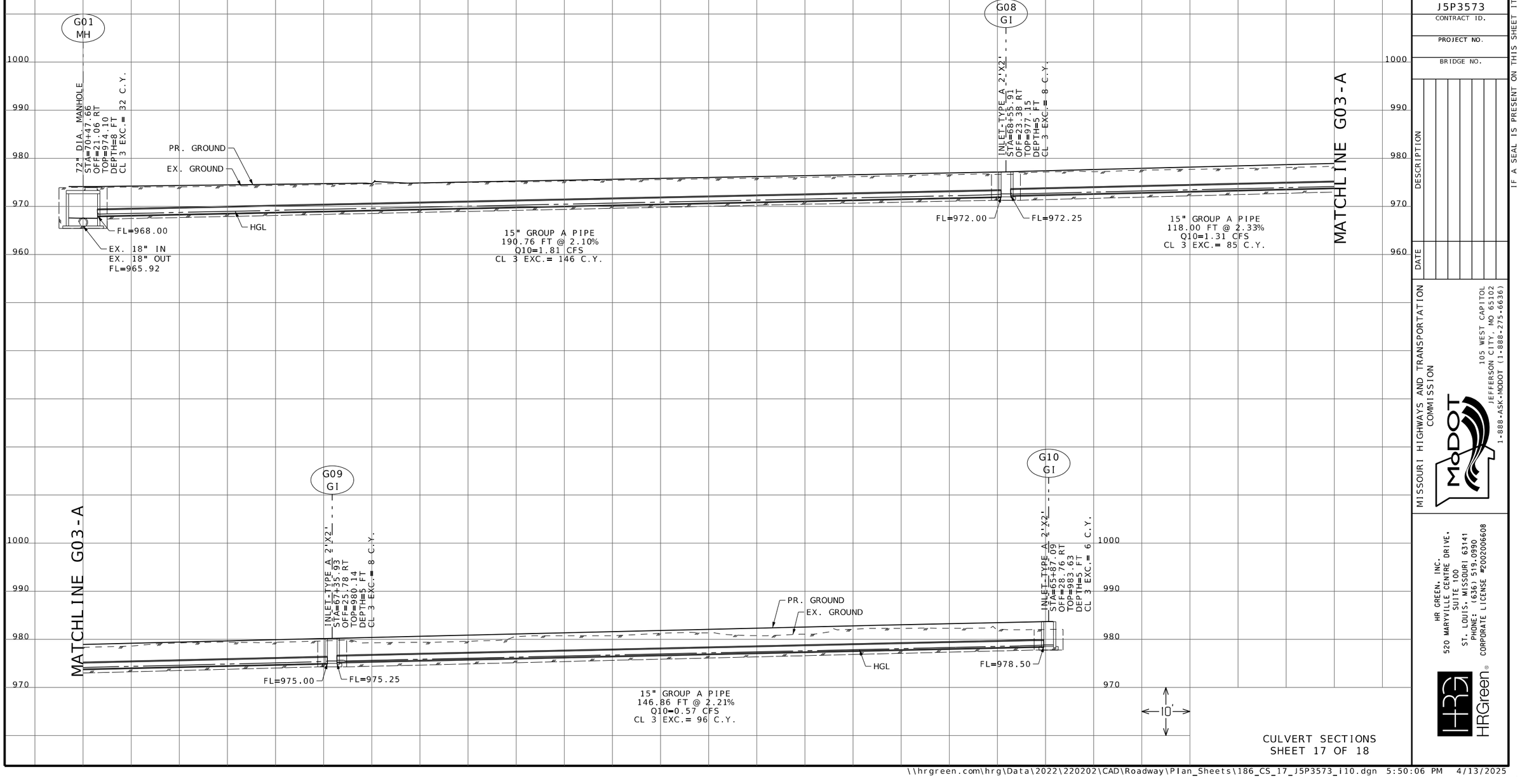

CULVERT SECTIONS
SHEET 17 OF 18

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HRGreen

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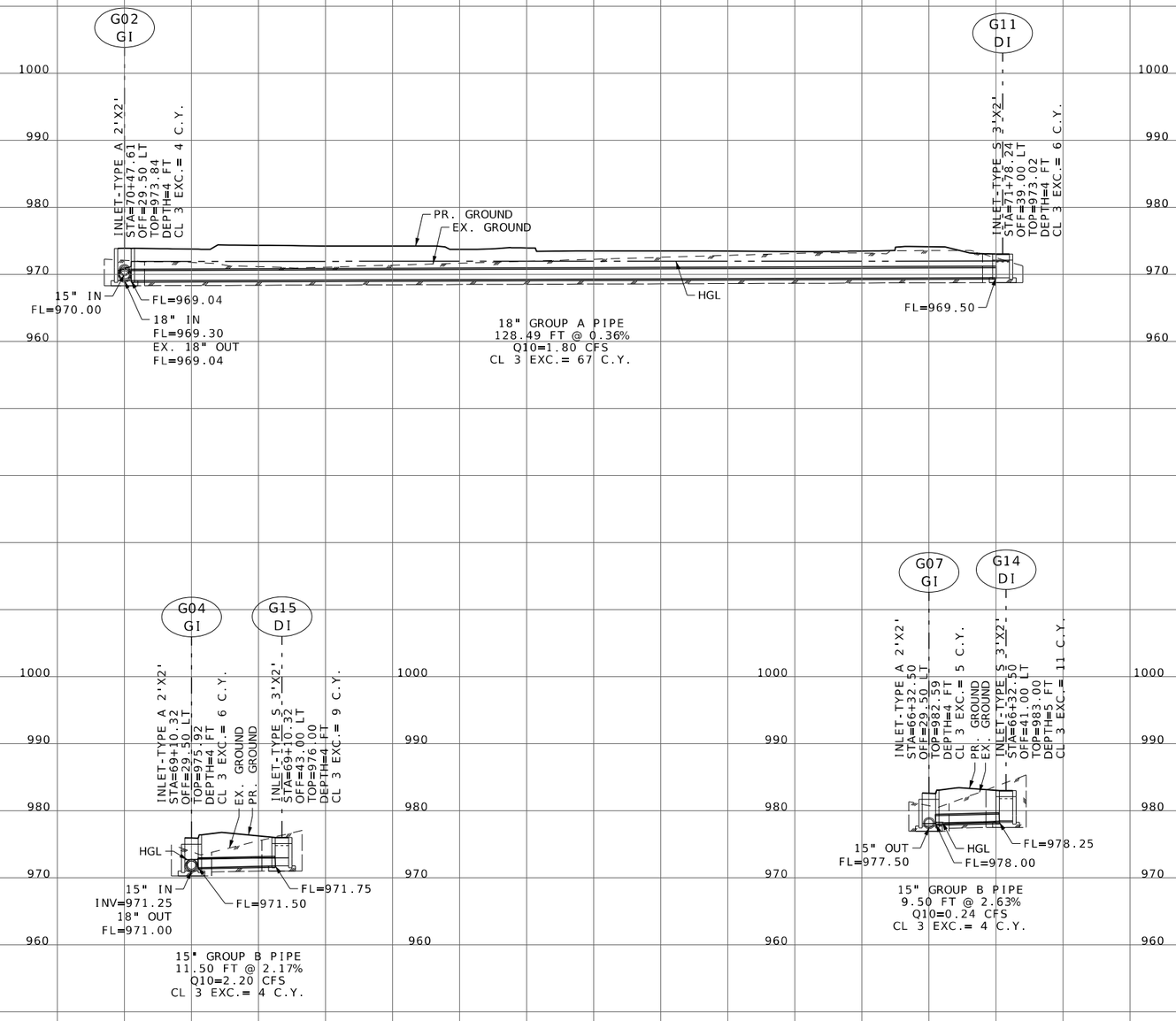

10'

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