MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

CLAY COUNTY

DESIGN DESIGNATION

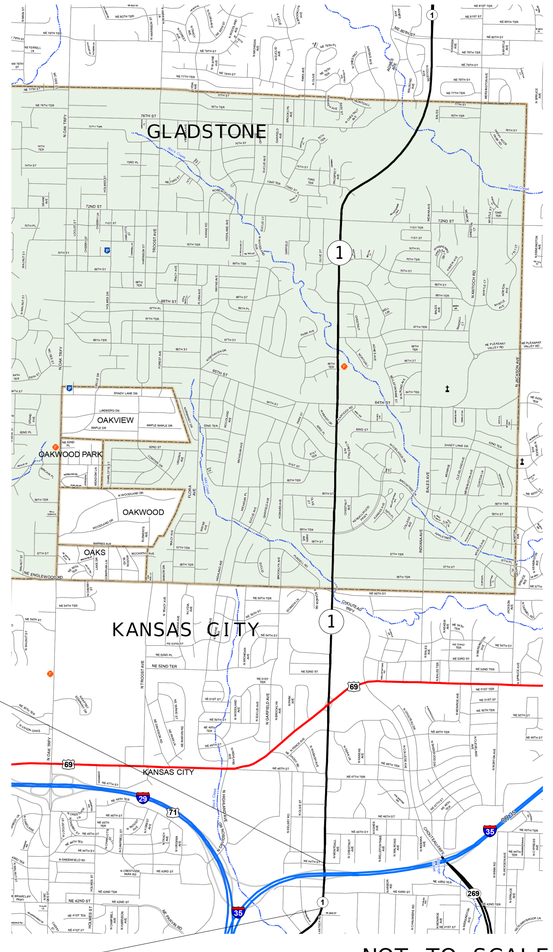
A.A.D.T. - 2025 = 5,538
A.A.D.T. - 2045 = 9,850
D.H.V. = 7%
T = 2%
V = 40 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO RIGHT-OF-WAY ACQUISITION



KEY MAP
LOCATION OF CLAY COUNTY



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	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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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LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 1193+24.70
END OF PROJECT STA. 1205+29.69

APPARENT LENGTH 1,204.99 FEET

EQUATIONS AND EXCEPTIONS:
STA.1199+41.02 - STA.1205+29.69

TOTAL CORRECTIONS	588.67	FEET
NET LENGTH OF PROJECT	616.32	FEET
STATE LENGTH	0.232	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1	ACRES

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/31/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	1

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

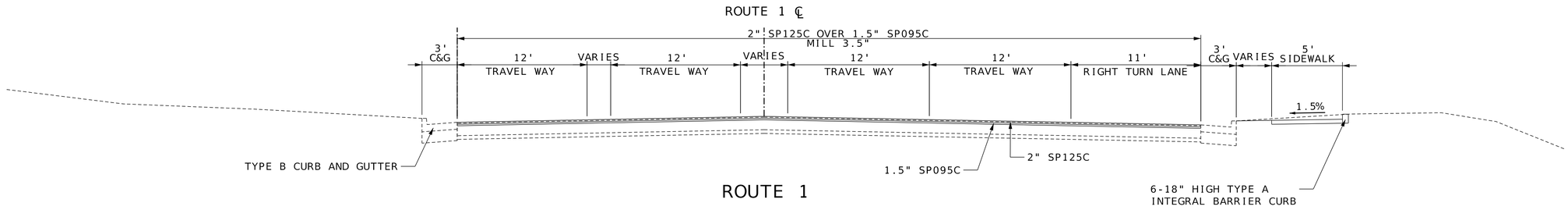
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

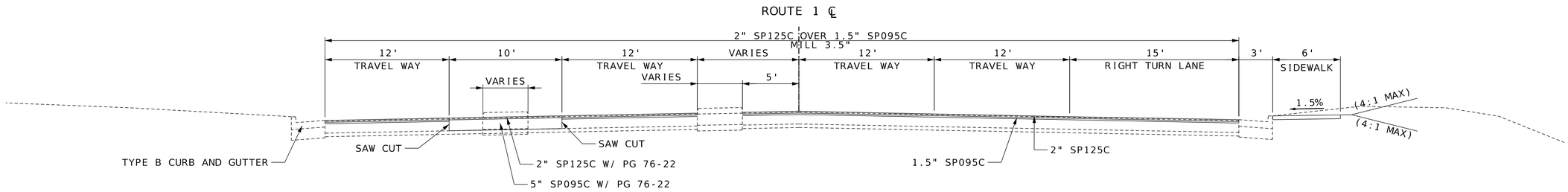
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



ROUTE 1

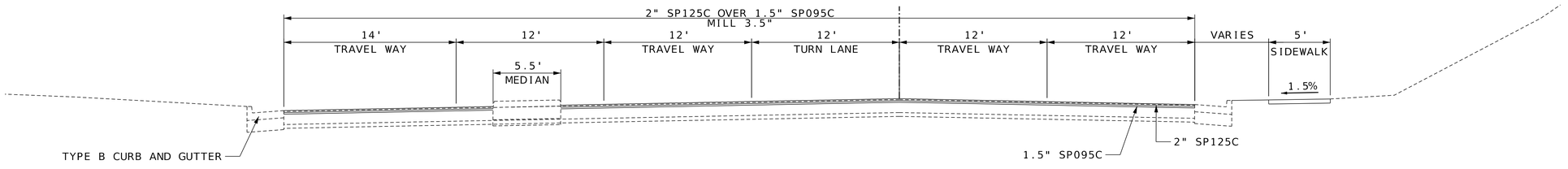
STA. 1194+41.95 TO STA. 1194+81.67



ROUTE 1

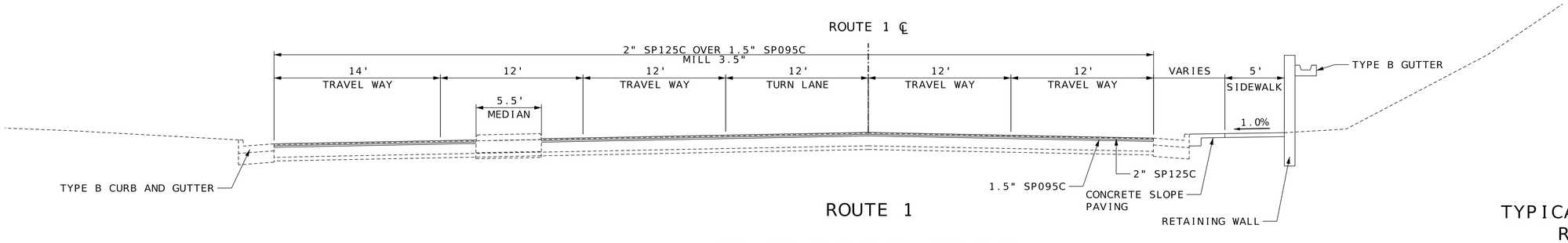
STA. 1193+99.16 TO STA. 1194+41.95

TRANSITION: STA. 1194+41.95 TO STA. 1194+81.67



ROUTE 1

STA. 1194+81.67 TO STA. 1195+02.99



ROUTE 1

STA. 1195+02.99 TO STA. 1196+85.78

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP095C.....1.976 TONS/CU.YD.
SP125C.....1.993 TONS/CU.YD.
TACK COAT (UNDILUTED).....0.10 GAL/SQ. YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 1 OF 2

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

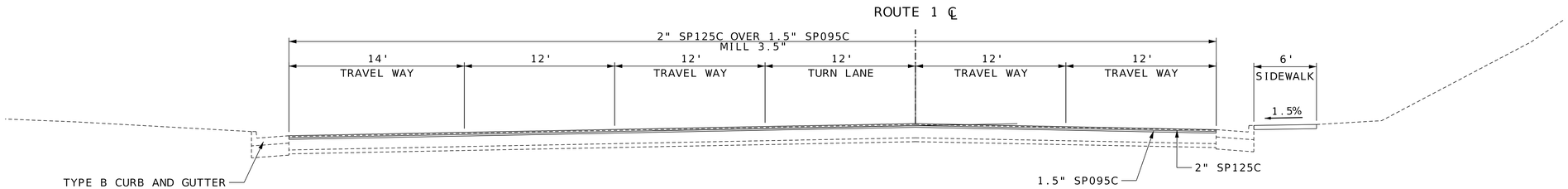
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/24/2026
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 2
COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE

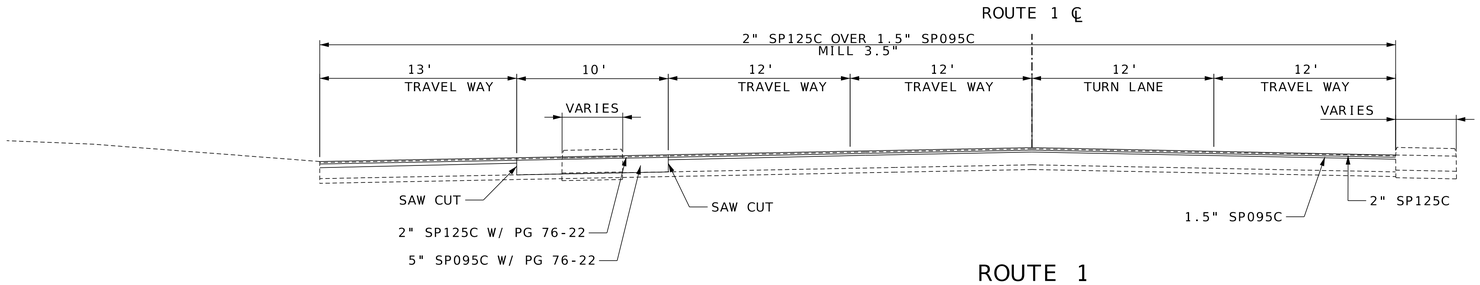
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
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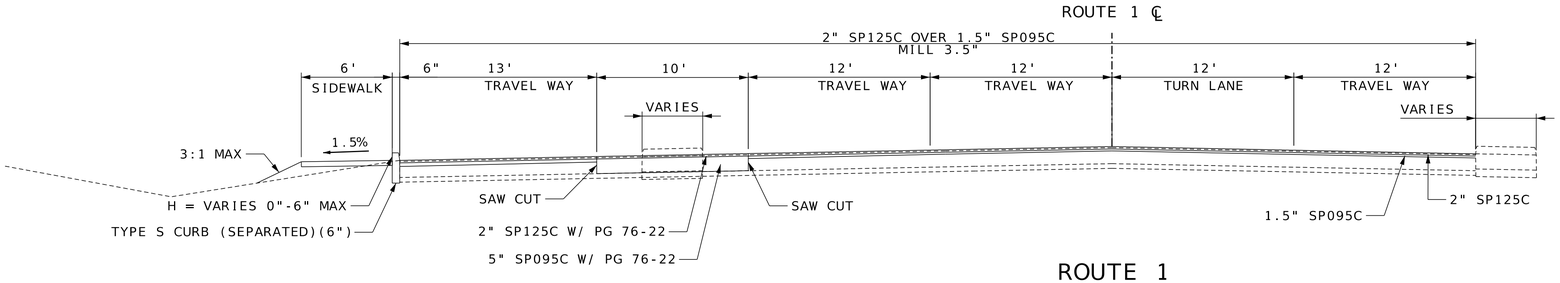
ROUTE 1

STA. 1196+85.78 TO STA. 1197+31.29



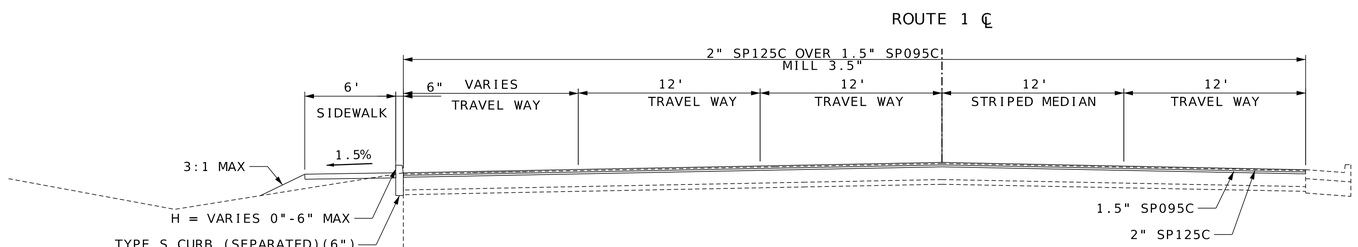
ROUTE 1

STA. 1197+31.29 TO STA. 1197+52.78



ROUTE 1

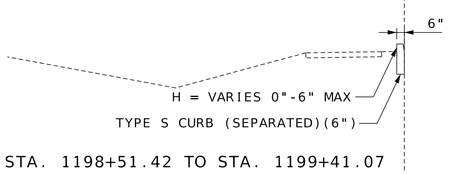
STA. 1197+52.78 TO STA. 1197+64.03



ROUTE 1

STA. 1197+64.03 TO STA. 1198+10.45

STA. 1197+64.03 TO STA. 1198+51.42



STA. 1198+51.42 TO STA. 1199+41.07

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP095C.....1.976 TONS/CU.YD.
SP125C.....1.993 TONS/CU.YD.
TACK COAT (UNDILUTED).....0.10 GAL/SQ. YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 2 OF 2

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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WILSON &COMPANY ENGINEERS & ARCHITECTS

REMOVAL OF IMPROVEMENTS

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS
1	RTE. 1	1193+24.52	1194+28.95	RT	CONCRETE CURB	109.0	LF
1	RTE. 1	1193+99.15	1194+41.95	LT	MEDIAN	47.0	SY
1	RTE. 1	1194+28.85	1194+58.60	RT	MEDIAN	57.0	SY
1	RTE. 1	1197+79.00	1194+85.78	RT	CONCRETE CURB	24.0	LF
2	RTE. 1	1196+61.71	1197+11.82	RT	CONCRETE CURB	50.0	LF
2	RTE. 1	1197+23.69	1197+44.79	LT	MEDIAN	19.0	SY
2	RTE. 1	1197+31.29	1197+64.03	LT	MEDIAN	36.0	SY
2	RTE. 1	1194+40.97	1197+73.09	RT	MEDIAN	65.0	SY
2	RTE. 1	1197+22.67	1198+06.79	LT	ASPHALT PAVEMENT	29.0	SY
2	RTE. 1	1198+39.16	1198+55.15	LT	SIDEWALK	9.0	SY

REMOVAL OF IMPROVEMENTS = 1 LUMP SUM

PAVEMENT & OVERLAY (FOR MAINLINE & SIDEROADS)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125C MIX) (2") (TONS)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP095C MIX) (1-1/2") (TONS)	TACK COAT - NON-TRACKING TACK (GAL)
1-2	RTE. 1	1193+24.70	1198+10.45	LT / RT	457.8	360.0	413.5
				SUBTOTAL	457.8	360.0	413.5
				TOTAL	457.8	360.0	414

MEDIANS

PLAN SHEET NO.	BEGIN STA.	END STA.	ROADWAY	LOCATION	CURB RAMP DETAIL SH. NO.	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SY)	CONCRETE PAVEMENT (12 INCH NON-REINFORCED) (SY)	6 IN. CONCRETE MEDIAN STRIP (SY)
1	1194+27.85	1194+59.16	RTE. 1	RT	13	48.9	48.9	48.9
2	1197+40.95	1197+73.09	RTE. 1	RT	13	47.2	47.2	47.2
					SUBTOTAL	96.1	96.1	96.1
					TOTAL	97	96.1	96.1

COLDMILLING (FOR MAINLINE & SIDEROADS)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR MORE) (SY)
1-2	RTE. 1	119324.7	1198+10.45	LT / RT	3986.2
				SUBTOTAL	3986.2
				TOTAL	3987

PEDESTRIAN FACILITIES

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	LINEAR GRADING FOR ADA FACILITIES (STA.)	CONCRETE SIDEWALK 4 IN. (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	REMARKS
1	RTE. 1	1193+18.21	1194+28.56	RT	1.1	58.2	8.2	12.7	CR-1
1	RTE. 1	1194+38.90	1194+59.06	RT	0.0	0.0	14.4	22.0	CR-2
1-2	RTE. 1	1194+80.55	1195+02.99	RT	0.2	5.9	5.1	10.0	CR-3
1-2	RTE. 1	1196+85.77	1197+12.42	RT	0.3	10.3	5.7	12.0	CR-4
2	RTE. 1	1197+42.71	1197+58.87	RT	0.0	0.0	7.4	20.0	CR-5
2	RTE. 1	1197+53.27	1198+94.55	LT	1.3	65.4	3.5	14.6	CR-6
				SUBTOTAL	2.9	139.8	44.3	91.3	
				TOTAL	2.9	139.8	44.3	92	

MOBILIZATION = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING = 1 LUMP SUM

ROCK DITCH LINER

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	FURNISHING TYPE 3 ROCK DITCH LINER (CY)	PLACING TYPE 3 ROCK DITCH LINER (CY)
3	RTE. 1	1201+31.51	1204+74.53	RT	440.00	440.00
				SUBTOTAL	440.0	440.0
				TOTAL	440	440

CURB

PLAN SHEET NO.	BEGIN STA.	END STA.	ROADWAY	LOCATION	CURB AND GUTTER TYPE A (LF)	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A (LF)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	CONCRETE GUTTER TYPE B (LF)
1	1193+24.52	1194+28.95	RTE. 1	RT	109.1	-	-	-
1	1193+18.17	1193+92.14	RTE. 1	RT	-	76.2	-	-
2	1194+79.00	1194+85.78	RTE. 1	RT	-	-	18.1	-
2	1195+02.99	1196+85.78	RTE. 2	RT	-	-	-	183.6
2	1196+61.71	1197+11.82	RTE. 1	RT	-	-	50.1	-
2	1197+59.28	1199+41.07	RTE. 1	LT	-	-	185.5	-
				SUBTOTAL	109.1	76.2	253.7	183.6
				TOTAL	109	76	254	184

SUMMARY OF QUANTITIES
SHEET 1 OF 6

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 3
COUNTY: CLAY
JOB NO.: KU0096
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)

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RUBBLIZE SLOPE PAVING

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	QUANTITY	UNITS	REMARKS
2	RTE. 1	1195+39.29	1196+56.08	RT	420.0	SY	RUBBLIZE CONCRETE SLOPE PAVING AND USE IN PLACE. TYPE 2 ROCK DITCH LINER USED TO CAP AND FILL VOIDS, NO DIRECT PAYMENT
				SUBTOTAL	420.0		
				TOTAL	420		

CONCRETE SLOPE PROTECTION

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	CONCRETE SLOPE PROTECTION (SY)	REMARKS
2	RTE. 1	1195+02.99	1196+85.78	RT	127.7	
				TOTAL	128	

LUMINAIRES

PLAN SHEET NO.	STATION	ROADWAY	LOCATION	LUMINAIRE LED-C (EA)	REMARKS
1	1193+86.00	RTE. 1	LT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
1	1193+94.99	RTE. 1	RT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1194+90.75	RTE. 1	LT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1194+94.14	RTE. 1	RT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1196+89.40	RTE. 1	LT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1197+80.25	RTE. 1	RT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1197+80.61	RTE. 1	LT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1198+79.15	RTE. 1	RT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
2	1198+81.71	RTE. 1	LT	1	REPLACE EXIST. LUMINAIRE; MATCH EXIST. VOLTAGE; CHECK CONDITION OF CONDUCTORS AND WIRING, REPLACE AS NECESSARY
			SUBTOTAL	9.0	
			TOTAL	9	

ROUTE 1 SIGNING REMOVALS

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
1	RTE. 1	1194+31	1194+31	RT	POST AND FOOTING	1	EA	RELOCATION
1	RTE. 1	1194+40	1194+40	RT	SIGN, POST AND FOOTING	1	EA	YIELD
2	RTE. 1	1197+52	1197+52	LT	SIGN	1	EA	YIELD
2	RTE. 1	1194+58	1194+58	LT	SIGN	1	EA	DUAL DIAGONAL DOWNWARD ARROWS
2	RTE. 1	1198+07	1198+07	LT	POST AND FOOTING	1	EA	RELOCATION

UTILITY ADJUSTMENTS

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUST PULL BOX (EACH)
1	RTE. 1	1194+48.81	RT	1
2	RTE. 1	1194+98.86	RT	1
2	RTE. 1	1196+61.93	RT	1
2	RTE. 1	1197+34.75	LT	1
			TOTAL	4

SEEDING AND MULCHING

PLAN SHEET NO.	ROADWAY	SEEDING COOL-SEASON GRASSES (ACRES)	MULCHING (ACRES)	REMARKS
2-4	RTE. 1	0.10	0.10	BEGINNING TO END OF PROJECT LIMITS
	SUBTOTAL	0.1	0.1	
	TOTAL	0.1	0.1	

SUMMARY OF QUANTITIES
SHEET 2 OF 6

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/23/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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EROSION CONTROL									
SHEET NO.	STA	STA	ROUTE	OFFSET	SILT FENCE	CURB INLET CHECK	ROCK DITCH CHECK	ALTERNATE DITCH CHECK	REMARKS
					LF	EA	LF	LF	
39	1192+90		RTE 1	RIGHT		1			
39	1193+13		RTE 1	LEFT		1			
39	1193+16	1194+34	RTE 1	LEFT	160				
39	1194+24		RTE 1	RIGHT			10		
39	1194+58	1194+34	RTE 1	RIGHT	53				
39	1194+68		RTE 1	LEFT		1			
39	1194+79		RTE 1	RIGHT		1			
39 & 40	1194+83	1194+98	RTE 1	LEFT	59				
40	1194+93		RTE 1	RIGHT		1			
40	1194+98	1195+06	RTE 1	RIGHT	86				
40	1196+90	1197+04	RTE 1	RIGHT	88				
40	1196+97		RTE 1	RIGHT			10		
40	1197+14		RTE 1	RIGHT		1			
40	1197+37	1197+57	RTE 1	LEFT			45		3 ROCK DITCH CHECKS SPACED 21' APART
40	1197+55	1197+69	RTE 1	RIGHT	47				
40	1198+20	1198+61	RTE 1	LEFT				45	3 ALTERNATE DITCH CHECKS SPACED 21' APART
40	1198+82		RTE 1	LEFT			15		
				TOTAL	493	6	80	45	

SUMMARY OF QUANTITIES
SHEET 3 OF 6

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

Hg Consult Inc engineers planners
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720
Hg CONSULT, INC.
PRO. ENGINEER 2010005873

REV.

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PAVEMENT MARKING (TABLE 1 OF 2)

SHEET NO.	STA	STA	DIRECTION	4" CLASS 1 PAINT W/ TYPE P BEADS WHITE		6" CLASS 2 PAINT W/ TYPE L BEADS WHITE	4" CLASS 1 PAINT W/ TYPE P BEADS YELLOW	6" CLASS 2 PAINT W/ TYPE L BEADS YELLOW	PREFORMED THERMOPLASTIC PAVEMENT MARKING 12" WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE (STOP BAR)	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" YELLOW	PREFORMED THERMOPLASTIC PAVEMENT MARKING YIELD LINE TRIANGLE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" x 6' WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW			REMARKS
				SOLID	DOTTED	SOLID	SOLID	SOLID						LEFT	RIGHT	STRAIGHT/RIGHT	
				LF	LF	LF	LF	LF	LF	LF	LF	EACH	LF	EACH	EACH	EACH	
59	1193+24.7	1194+56	WB	134													INCLUDES HALF OF RADIUS
59	1193+24.7	1194+56	WB	134													INCLUDES HALF OF RADIUS
59	1193+24.7	1194+36	WB				222										
59	1193+24.7	1194+36	EB				222										
59	1193+24.7	1194+36	EB	111													
59	1193+24.7	1194+36	EB	111													
59	1193+35	1193+42	WB								7						YELLOW HASHMARK
59	1193+50		EB												1		
59	1193+50		EB											1			
59	1193+80	1194+46	SB			103											I-35 SB EXIT RAMP
59	1193+85	1193+94	WB								10						YELLOW HASHMARK
59	1193+92	1193+95	WB						8								WHITE HASHMARK
59	1193+98	1194+60	SB	76													I-35 SB ENTRANCE RAMP
59	1194+12	1194+16	WB						10								WHITE HASHMARK
59	1194+20	1194+26	SB									4					I-35 SB ENTRANCE RAMP
59	1194+23	1194+33	SB									4					I-35 SB EXIT RAMP
59	1194+26	1194+40	SB										18				
59	1194+36		EB							24							
59	1194+31	1194+64	SB			68											I-35 SB ENTRANCE RAMP
59	1194+31	1194+52	WB	22													
59	1194+31	1194+56	SB			69											I-35 SB EXIT RAMP
59	1194+38	1194+43	WB						13								WHITE HASHMARK
59	1194+48	1194+56	SB									4					I-35 SB ENTRANCE RAMP
59	1194+52	1194+56	SB			59											I-35 SB EXIT RAMP
59	1194+53	1194+65	SB							12							
59	1194+60	1194+78	SB										18				I-35 SB ENTRANCE RAMP
59	1194+60	1194+60	SB			25											I-35 SB ENTRANCE RAMP
59	1194+65	1194+69	SB					46									I-35 SB EXIT RAMP
59	1194+76	1194+82	SB					72									I-35 SB ENTRANCE RAMP
59 & 60	1194+76	1195+17	EB		13												40' RADIUS
59	1194+84	1194+86	WB							14							
59	1194+84	1194+86	WB							12							
59 & 60	1194+86	1197+05	WB	218													
59 & 60	1194+86	1196+78	WB	193													
59 & 60	1194+86	1196+78	WB	193													
59 & 60	1194+86	1196+78	WB	193													
60	1194+89	1196+90	EB	198													
60	1195+17	1195+19	WB							12							
60	1195+19	1196+88	EB	169													
60	1195+19	1196+88	EB				338										
60	1195+26		EB											1			
60	1195+85	3+38	EB											1			
60	1195+92		WB											1			
60	1196+59		WB											1			
60	1196+88	1196+90	EB							24							
60	1196+78	1197+28	WB		21												50' RADIUS
60	1196+94	1197+08	NB					85									I-35 NB ENTRANCE RAMP
60	1197+10	1197+69	NB			120											I-35 NB ENTRANCE RAMP
60	1197+10	1197+15	NB					78									I-35 NB EXIT RAMP
60	1197+15	1197+41	EB										30				
60	1197+16	1197+40	NB							24							
60	1197+22	1197+28	NB			80											I-35 NB EXIT RAMP
60	1197+34	1197+39	NB			78											I-35 NB EXIT RAMP
60	1197+36	1197+83	NB			84											I-35 NB EXIT RAMP
60	1197+45	1198+46	NB			150											I-35 NB EXIT RAMP
60	1197+53	1197+59	WB&EB										78				
TABLE 1 SUBTOTALS				1,752	34	836	782	281	31	122	17	12	144	5	1	0	

SUMMARY OF QUANTITIES
SHEET 4 OF 6

ERIC J. REINKEMEYER
NUMBER PE-2006002846
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/25/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

Consult engineers planners Inc
9111 NE 79th Street; Kansas City, MO 64158; (816)912-4720

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

003_QU_03-05_KU0096_I1.dgn 11:57:38 AM 3/25/2026

PAVEMENT MARKING (TABLE 2 OF 2)

SHEET NO.	STA	STA	DIRECTION	4" CLASS 1 PAINT W/ TYPE P BEADS WHITE		6" CLASS 2 PAINT W/ TYPE L BEADS WHITE	4" CLASS 1 PAINT W/ TYPE P BEADS YELLOW	6" CLASS 2 PAINT W/ TYPE L BEADS YELLOW	PREFORMED THERMOPLASTIC PAVEMENT MARKING 12" WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE (STOP BAR)	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" YELLOW	PREFORMED THERMOPLASTIC PAVEMENT MARKING YIELD LINE TRIANGLE	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" x 6' WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW			REMARKS
				SOLID	DOTTED	SOLID	SOLID	SOLID						LEFT	RIGHT	STRAIGHT/RIGHT	
				LF	LF	LF	LF	LF	LF	LF	LF	EACH	LF	EACH	EACH	EACH	
60	1197+63	1197+65	WB							24							
60	1197+63	1197+83	EB	20													
60	1197+63	1199+41	WB				364										INCLUDE HALF OF RADIUS
60	1197+63	1199+41	EB				364										INCLUDE HALF OF RADIUS
60	1197+65	1198+34	WB	69													
60	1197+65	1197+84	WB	18													
60	1197+65	1197+69	WB							16							
60	1197+67	1197+84	WB	17													
60	1197+69	1199+41	WB	174													
60	1197+74	1197+84	EB									5					
60	1198+00		WB													1	YELLOW HASHMARK
60	1197+99	1198+11	EB								16						YELLOW HASHMARK
60	1198+21		WB											1			
60	1198+44	1199+12	EB	67													
60	1198+50	1198+62	EB								16						YELLOW HASHMARK
60	1199+00	1199+12	EB								16						YELLOW HASHMARK
TABLE 2 SUBTOTALS				365	0	0	728	0	0	40	48	5	0	1	0	1	
TABLE 1 SUBTOTALS				1,752	34	836	782	281	31	122	17	12	144	5	1	0	
PAY TOTALS				2,151		836	1,510	281	31	162	65	17	144	7		1	

SUMMARY OF QUANTITIES
SHEET 5 OF 6

ERIC J. REINKEMEYER
NUMBER PE-2006002846
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/25/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: KU0096
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)

Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	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						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						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	1	16		MERGE (LEFT)
WO4-1aR	48X48	16.00						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						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	3	12	3	12		DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	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	12	192				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	2	32	1	16		RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16	1	16		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 NO.	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	8	64				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	3	18	4	24		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	1	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	3	36	4	48		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	2	4	2	4		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	1	10				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						POINT OF PRESENCE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	500.93
616-10.10 RELOCATED SIGNS	TOTAL	340.00

EFFECTIVE: 07-01-2025

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)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	50	CHANNELIZER (TRIM-LIKE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	2	TYPE 3 MOVEABLE BARRICADE
6161033	21	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		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
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | ION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS

SUMMARY OF QUANTITIES
SHEET 6 OF 6

LEGEND
- CONCRETE SIDEWALK/MEDIAN
- MILL & OVERLAY
- CONCRETE APPROACH
- TRUNCATED DOMES
- PROJECT J4S3412

NOTE:
LANDINGS FOR SIDEWALKS
RUNNING SLOPE = 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS

1190

START STA 1189+63.34

LOTS 19-21

TWILA B CRADDOCK
DEED BK. 9856 PG. 62

DAVID M KEEN
DEED BK. 7078 PG. 132

S25' LOT 23 & ALL LOT 24

LOT 22 & N25' LOT 23

NW^4 S^4 06
T50N R32W

JDAL LAND COMPANY LLC
DEED BK. 9189 PG. 73

W198.6' LOT 1

AEGIS INVESTMENTS LLC
DEED BK. 9174 PG. 106

SW^4 S^4 06
T50N R32W

FL 24" RCP = 871.41'

FL 15" CMP = 876.94'

TOP 15" CMP = 877.86'

TOP 15" CMP = 879.67'

EXIST. R/W

NE 44TH ST.

BORE HOLE 19

I-35 SB OFF RAMP

DND

STA 1193+79.91
OFF 38.41' LT.

STA 1193+80.49
OFF 36.45' LT.

STA 1193+24.69
OFF 25.82' LT.

STA 1194+53.79
OFF 48.96' LT.

℄ RTE. 1 (NE ANTIOCH RD.)
(PROJ. #KU0096)

(R)

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)
(PROJ. #J4S3412)

BEGIN PROJECT
STA 1193+24.70

STA 1194+29.60
OFF 28.75' RT.

STA 1194+57.01
OFF 26.10' RT.

STA 1194+58.66
OFF 27.66' RT.

STA 1192+92.55
OFF 0.46'

STA 1193+24.52
OFF 35.33' RT.

STA 1194+28.71
OFF 31.33' RT.

STA 1193+93.43
OFF 41.54' RT.

ADJUST UTILITY
1194+48.81

CR-2

CR-3

R 1.5'

R 10'

R 83.21'

5' SW

6' SW

DND

CR-1

STA 1193+18.21
OFF 48.95' RT.

STA 1193+78.12
OFF 52.61' RT.

STA 1193+87.00
OFF 48.39' RT.

STA 1193+92.26
OFF 46.40' RT.

STA 1194+54.81
OFF 56.13' RT.

STA 1194+57.34
OFF 55.12' RT.

S.L.

STA 1194+61.65
OFF 114.49'

I-35 SB ON RAMP

STA 1194+79.00
OFF 47.63' RT.

MATCHLINE STA. 1194+90.00

LOT 3 EXC W88'
& EXC N5'

NE 44TH TERR.

EXIST. R/W

EXIST. ESMT.

FL 12" RCP = 882.32'

FL 12" RCP = 882.22'

NE^4 S^4 01
T50N R33W

TRACT 1

TRACT 1
BROOKWOOD HEIGHTS, A REPLAT
OF PART OF LOTS 1 & 2

BROOKWOOD HEIGHTS, A REPLAT
OF PART OF LOTS 1 & 2

CASEYS MARKETING COMPANY
BK. 9544 PG. 17

ISLAMIC CENTER OF NORTH KANSAS CITY
DEED BK. 7523 PG. 52

GENERAL NOTES:
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 "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 OR OMMISSION IN THE INFORMATION.

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

ALL BEARINGS BASED ON MODIFIED STATE PLANE COORDINATES.

LAND TIE

(A) FND ½" IRON ROD

¼ SECTION E/W CNTR W LNE SECTION 06 T50N R32W

¼ SECTION E/W CNTR E LNE SECTION 01 T50N R33W

NW^4 S^4 06
T50N R32W

SW^4 S^4 06
T50N R32W

329.208
S00°41'33.89"E

STA 1189+63.34
℄ RTE 1

¼ SECTION LINE

¼ SECTION LINE

STA 1192+92.45
0.46'
N 89° 18' 26"W
℄ RTE 1

NE^4 S^4 01
T50N R33W

SE^4 S^4 01
T50N R33W

SCALE
0 20 40 60

PLAN SHEET
1 OF 3

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	4

COUNTY
CLAY

JOB NO.
KU0096

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)

WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

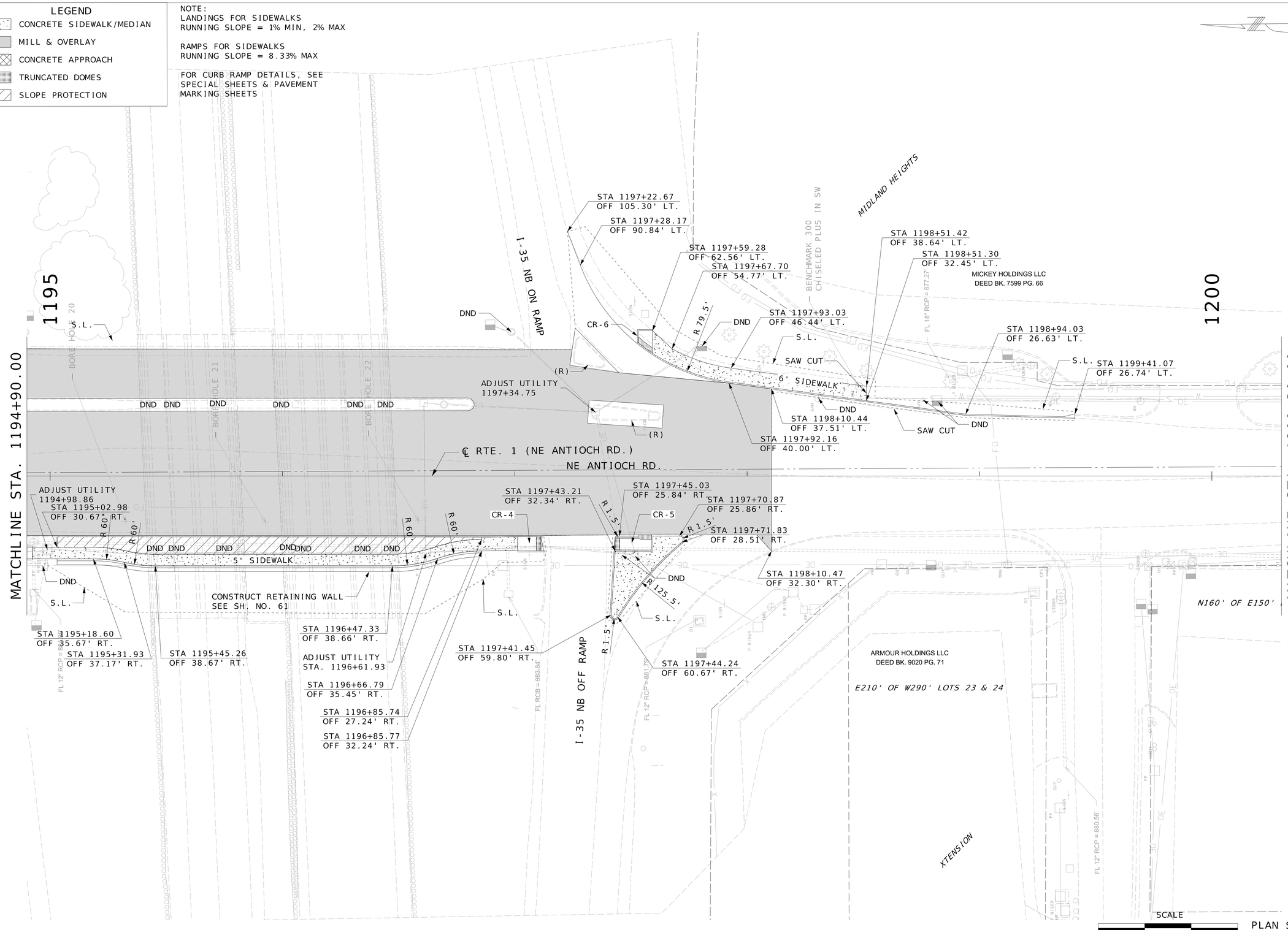
LEGEND

- CONCRETE SIDEWALK/MEDIAN
- MILL & OVERLAY
- CONCRETE APPROACH
- TRUNCATED DOMES
- SLOPE PROTECTION

NOTE:
LANDINGS FOR SIDEWALKS
RUNNING SLOPE = 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

FOR CURB RAMP DETAILS, SEE
SPECIAL SHEETS & PAVEMENT
MARKING SHEETS



SCALE
0 20 40 60

PLAN SHEET
2 OF 3

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/23/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	5

COUNTY
CLAY

JOB NO.
KU0096

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)

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MATCHLINE STA. 1200+30.00

EXIST. R/W

NE 43RD ST

EXIST. R/W

EXIST. ESMT.

SOUTHLAND ACRES

LOT 1
SOUTHLAND CORP
DEED BK. 1631 PG. 991

MIDLAND HEIGHTS ANNEX

SECONDARY CONTROL POINT 200
SET 5/8" I.B. W/ 2" ALUMINUM CAP

S88' OF W109.5'
LOT 18 & LOT 19
EXC E380.5'

D & S PROPERTIES LC
DEED BK. 2512 PG. 879

1205

EXIST. R/W

EXIST. R/W

FL 24" RCP = 847.71'

℄ RTE. 1 (NE ANTIOCH RD.)

NE ANTIOCH RD.

END PROJECT
STA 1204+74.53

DND

DND

DND

DND

DND

DND

STA 1204+74.53
END ROCK LINING

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

UIP

FL 18" RCP = 863.19'

STA 1201+31.51
BEGIN ROCK LINING

S.L.

LOT 25

FL 18" RCP = 863.19'

NORTHPARK HOLDINGS LLC
DEED BK. 9272 PG. 129

MAX REI LLC
DEED BK. 9809 PG. 20

GHOBAD SABERI
DEED BK. 9627 PG. 18

N160' OF E150' LOT 25

PART OF LOT 25 & ALL OF LOT 32

LOTS 26-29 & N60' LOT 31

BROOKWOOD EXTENSION

TO LIMITS SHOWN ON PLAN

EDGE OF EXIST. SHOULDER

EXIST. DITCH TO BE ROCK LINED
W/ TYPE 3 ROCK DITCH LINER
EMBEDMENT DEPTH OF ROCK = 2'
D50 = 15"

ROCK LINING TYPICAL SECTION

LEGEND

- CONCRETE SIDEWALK/MEDIAN
- MILL & OVERLAY
- CONCRETE APPROACH
- TRUNCATED DOMES

NOTE:
LANDINGS FOR SIDEWALKS
RUNNING SLOPE = 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

FOR CURB RAMP DETAILS, SEE
SPECIAL SHEETS & PAVEMENT
MARKING SHEETS

SCALE
0 20 40 60

PLAN SHEET
3 OF 3

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	6

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

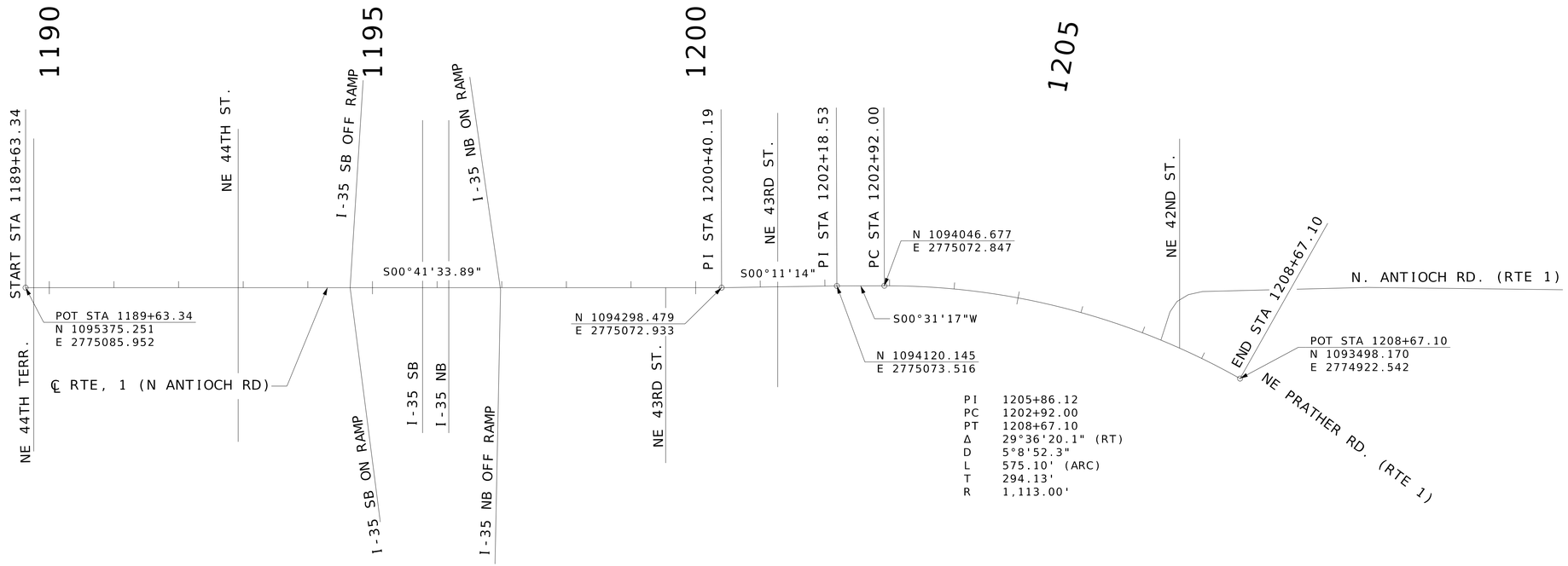
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Missouri Cert. of Authority #2003007599



SCALE

0 100 200 300 400 500

HORIZONTAL CONTROL PLAN
SHEET 1 OF 1

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

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DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

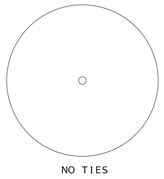
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DESCRIPTION	DATE

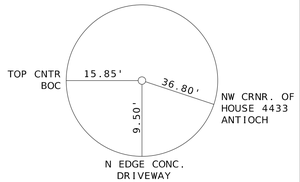
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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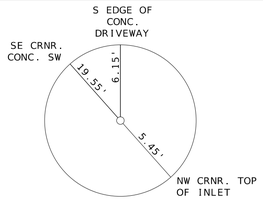
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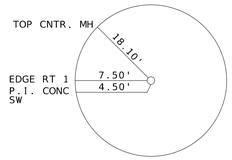
CP #100
N. 1093114.905, E. 2774620.154
STA. -, OFF. -
ELEV. 829.915
5/8" BAR W/ALUM.
CAP STAMPED WCI 100



CP #201
N. 1095487.850, E. 2775131.198
STA. 1188+50.22, OFF. 43.93
ELEV. 885.13
5/8" BAR W/ALUM.
CAP STAMPED WCI 201



CP #202
N. 1097131.246, E. 2775145.149
STA. 1172+06.94, OFF. 45.22
ELEV. 883.76
5/8" BAR W/ALUM
CAP STAMPED WCI 202



BM 300
N. 1094490.043, E. 2775113.840
STA. 1198+48.16, OFF. 38.22'
ELEV. 882.24
CHISELED "+" IN SW CRNR.

REFERENCE POINTS
SHEET 1 OF 1

STATE OF MISSOURI
GARRETT
J. LUST
NUMBER
PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	8

COUNTY
CLAY

JOB NO.
KU0096

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)

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Phone (816) 701-3100
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Missouri Cert. of
Authority #2003007599

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	SPC (2403 MO W)
HORIZONTAL DATUM	NAD 83 (2011)
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	MODOT GNSS OBSERVATIONS AND OPUS STATIC
PROJECT PROJECTION FACTOR	1.0000974

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	SPC (2403 MO W)
CONTROL STATION	MOID
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOID
PID	DN5830
LATITUDE	35°07'18.59712" (N)
LONGITUDE	94°23'14.84177" (W)
NORTHING (M)	327948.453
EASTING (M)	859655.675
ZONE	2403 - MISSOURI WEST
PROJECT AVERAGE GRID FACTOR	0.99994232

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 #201
N 1095487.85 X 0.99994232 = N 1095424.662
E 2775131.198 X 0.99994232 = E 2774971.128

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	GPK POINT ID
PROJECT CONTROL POINTS								
5	1198+48.15	RTE. 1	38.59	1094490.043	2775113.840	882.24	BM 300 CHISLED "+" IN SW	300
	1188+50.22	RTE. 1	43.93	1095487.850	2775131.198	885.13	CP #201 5/8" BAR W/ALUM CAP STAMPED WCI 201	201
6	1204+78.01	RTE. 1	50.11	1093852.888	2775104.991	851.78	CP #200 5/8" BAR W/ALUM CAP STAMPED WCI 200	200
---	---	RTE. 1	---	1093114.905	2774620.154	829.92	CP #100 5/8" BAR W/ALUM CAP STAMPED WCI 100	100

COORDINATE POINTS
SHEET 1 OF 1

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
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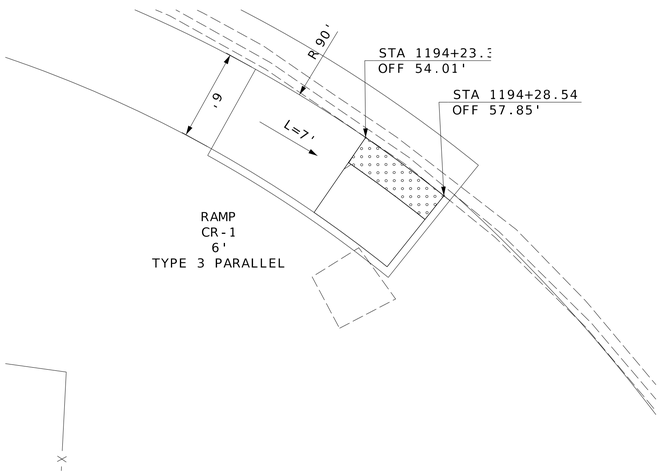
DATE PREPARED 3/2/2026
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 9
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

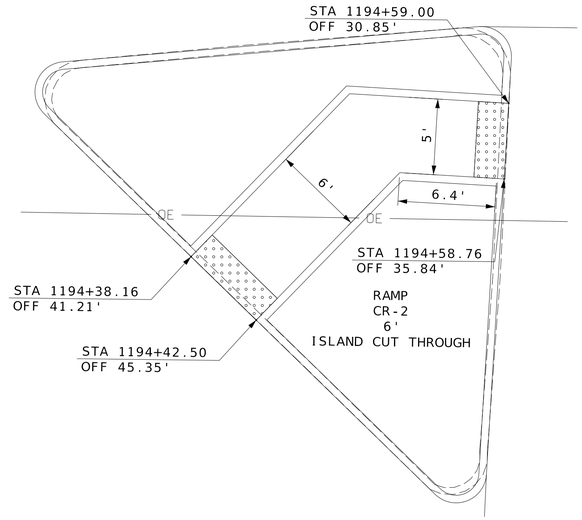
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
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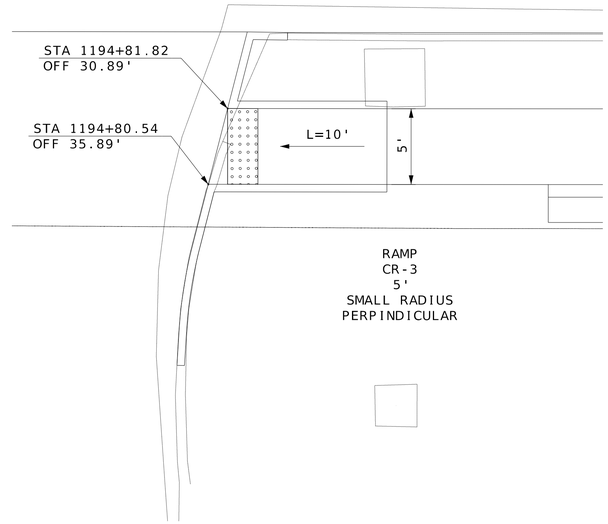
RTE. 1 (NE. ANTIOCH RD.)



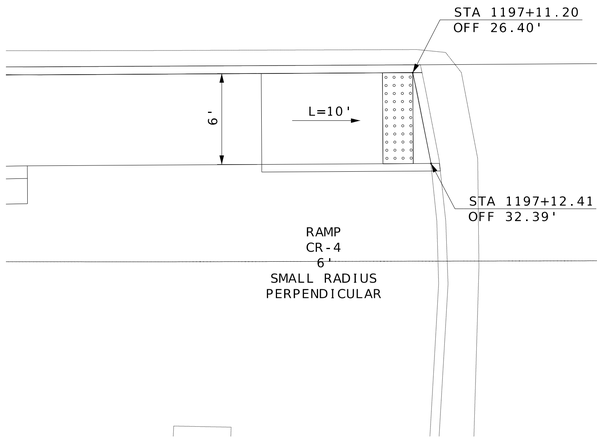
RTE. 1 (NE. ANTIOCH RD.)



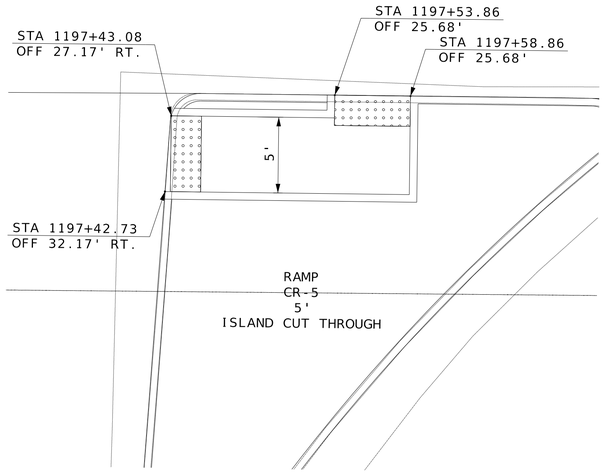
RTE. 1 (NE. ANTIOCH RD.)

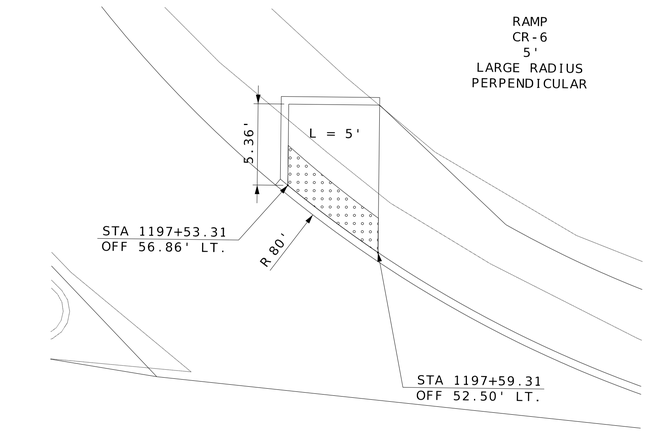


RTE. 1 (NE. ANTIOCH RD.)



RTE. 1 (NE. ANTIOCH RD.)





RTE. 1 (NE. ANTIOCH RD.)

CURB RAMP DETAILS SPECIAL SHEETS

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	10

COUNTY: CLAY
JOB NO.: KU0096
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)

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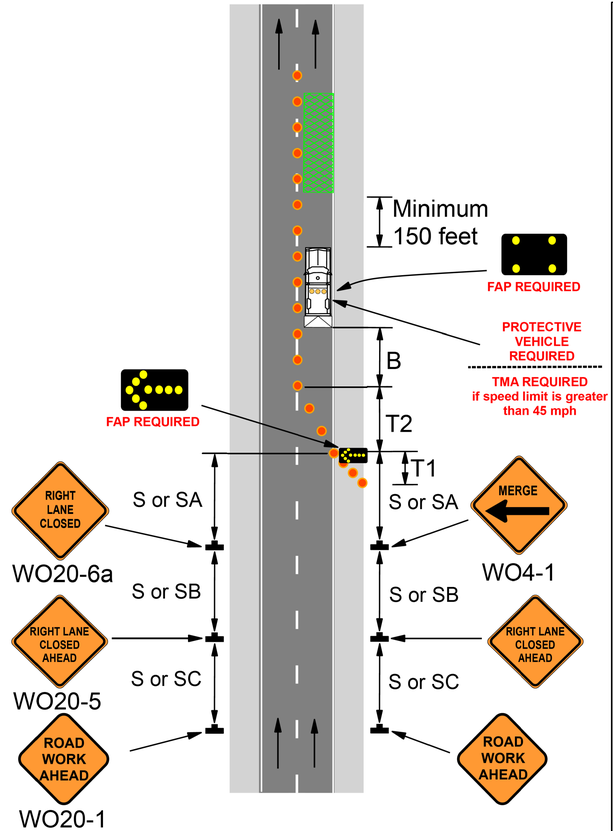
616.8.33S (TA-33S) Stationary Lane Closure on a Multi-Lane Highway

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	70	245	250	35	40
40-45	500	150	540	360	40	80
50-55	1000	185	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL DIVIDED	1' Portable 7' Post	2 Mi.

Channelizer
Flashing Arrow Panel (FAP)
Protective Vehicle
Sign
Work Space
Truck or Trailer Mounted Attenuator (TMA)



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

TRAFFIC CONTROL
STANDARD DRAWINGS
(TA-33S)
SHEET 1 OF 28

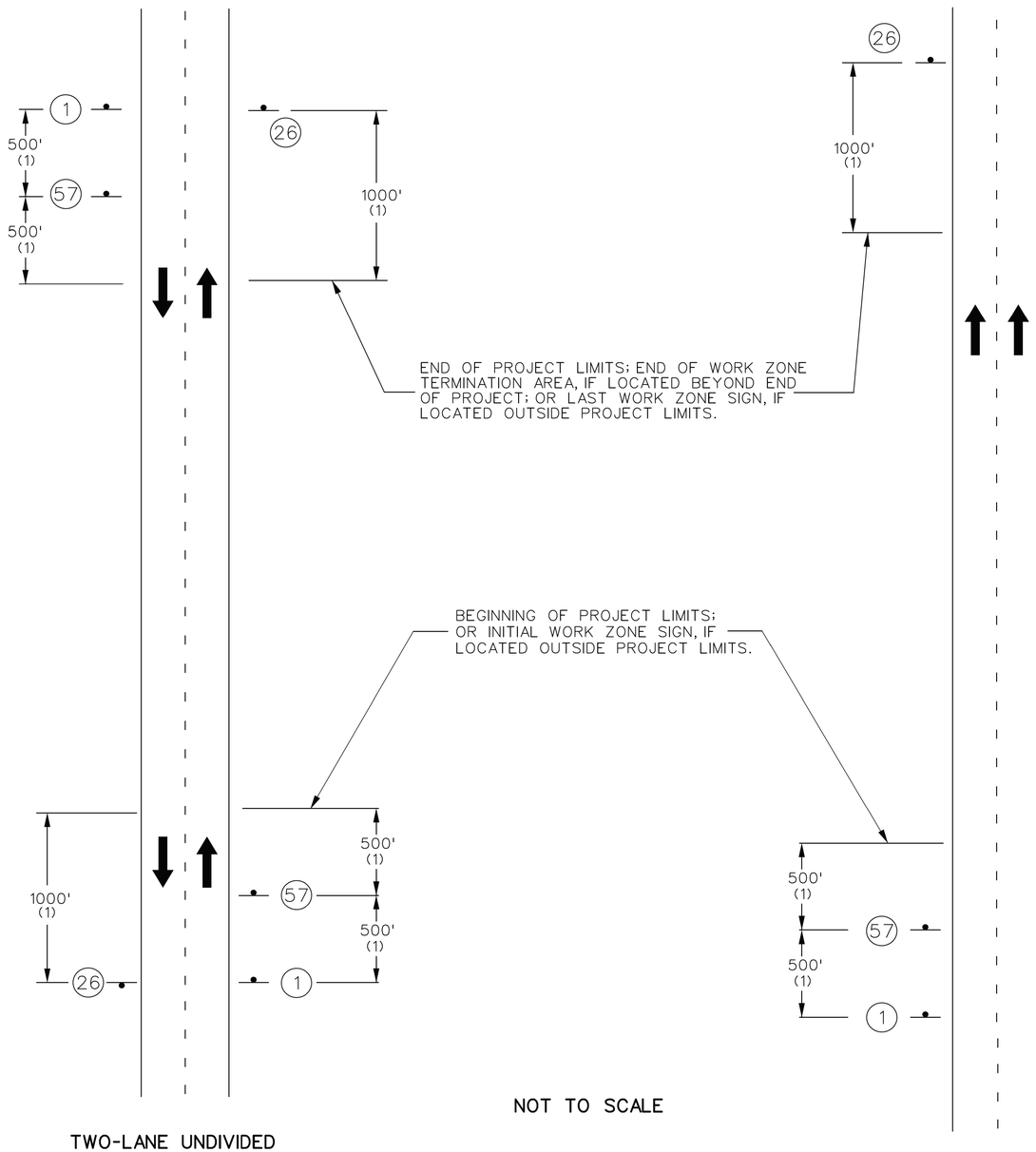
STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 11
COUNTY CLAY
JOB NO. KU0096
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)

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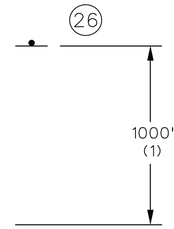
NOTES:

SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

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.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.





G020-1
(1)



G020-2
(26)



SPECIAL (6)
(57)

NOT TO SCALE

TWO-LANE UNDIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

MULTI-LANE DIVIDED

TRAFFIC CONTROL
STANDARD DRAWINGS
SHEET 2 OF 28

BLAKE STEPHENS
NUMBER PE-2021001027
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	12

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

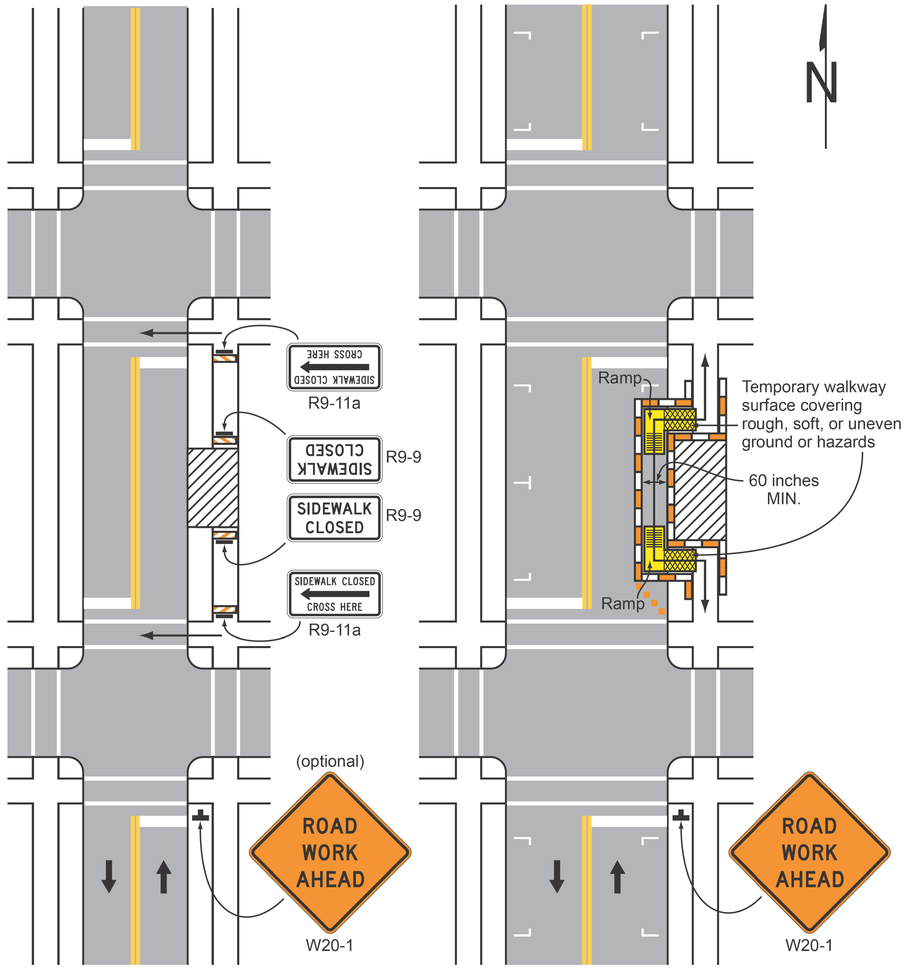
BRIDGE NO.:

DESCRIPTION	DATE

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

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

Figure 6P-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: SeeTable 6P-2 for the meanings of the symbols used in this figure.

TRAFFIC CONTROL
STANDARD DRAWINGS
(TA-28)
SHEET 3 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	13

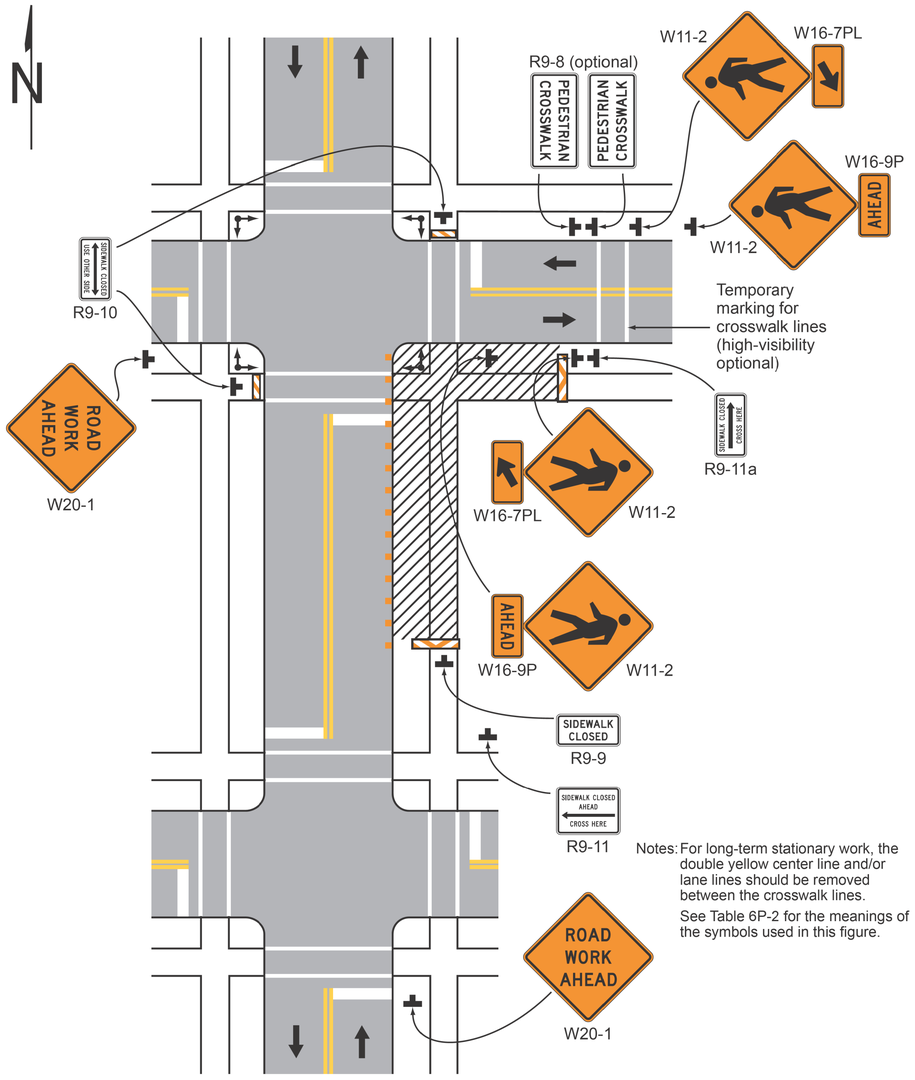
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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Figure 6P-29. Crosswalk Closures and Pedestrian Detours (TA-29)



Notes: For long-term stationary work, the double yellow center line and/or lane lines should be removed between the crosswalk lines.

See Table 6P-2 for the meanings of the symbols used in this figure.

Typical Application 29

TRAFFIC CONTROL
STANDARD DRAWINGS
(TA-29)
SHEET 4 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 14
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

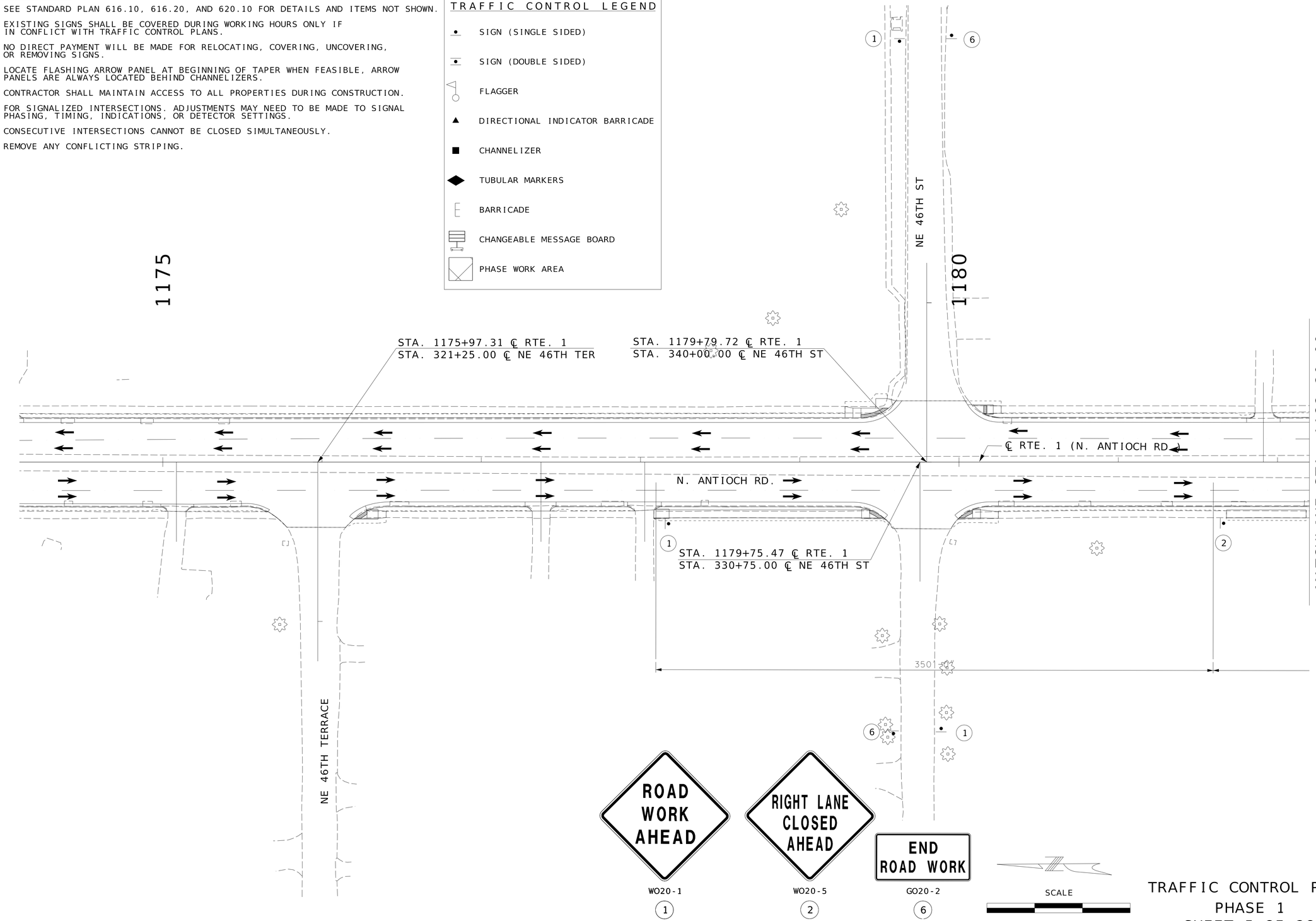
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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GENERAL NOTES:

1. SEE STANDARD PLAN 616.10, 616.20, AND 620.10 FOR DETAILS AND ITEMS NOT SHOWN.
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.
4. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION.
6. FOR SIGNALIZED INTERSECTIONS. ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS, OR DETECTOR SETTINGS.
7. CONSECUTIVE INTERSECTIONS CANNOT BE CLOSED SIMULTANEOUSLY.
8. REMOVE ANY CONFLICTING STRIPING.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



WO20-1

1

WO20-5

2

GO20-2

6

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 5 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	15

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

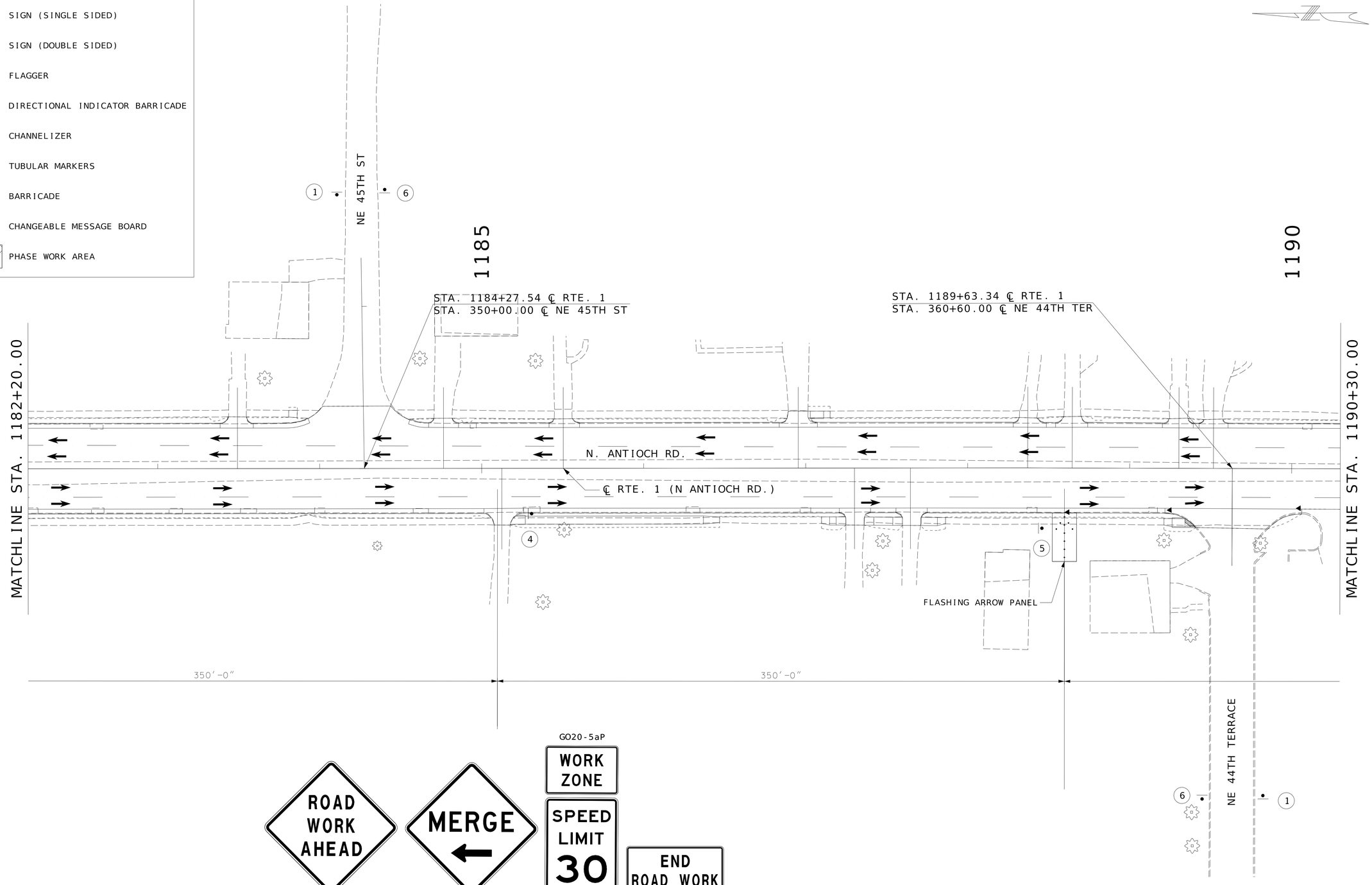
DESCRIPTION	DATE

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

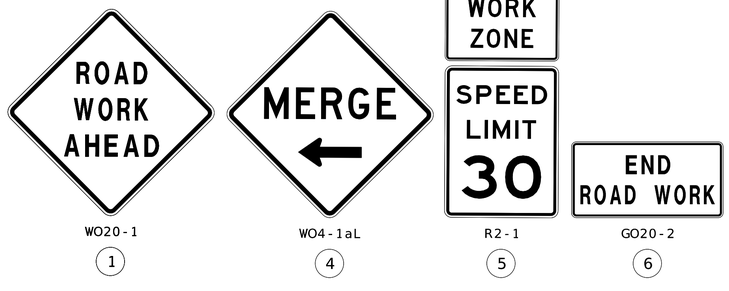
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



GO20-5aP



WO20-1 (1) | WO4-1aL (4) | R2-1 (5) | GO20-2 (6)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 6 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	16

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

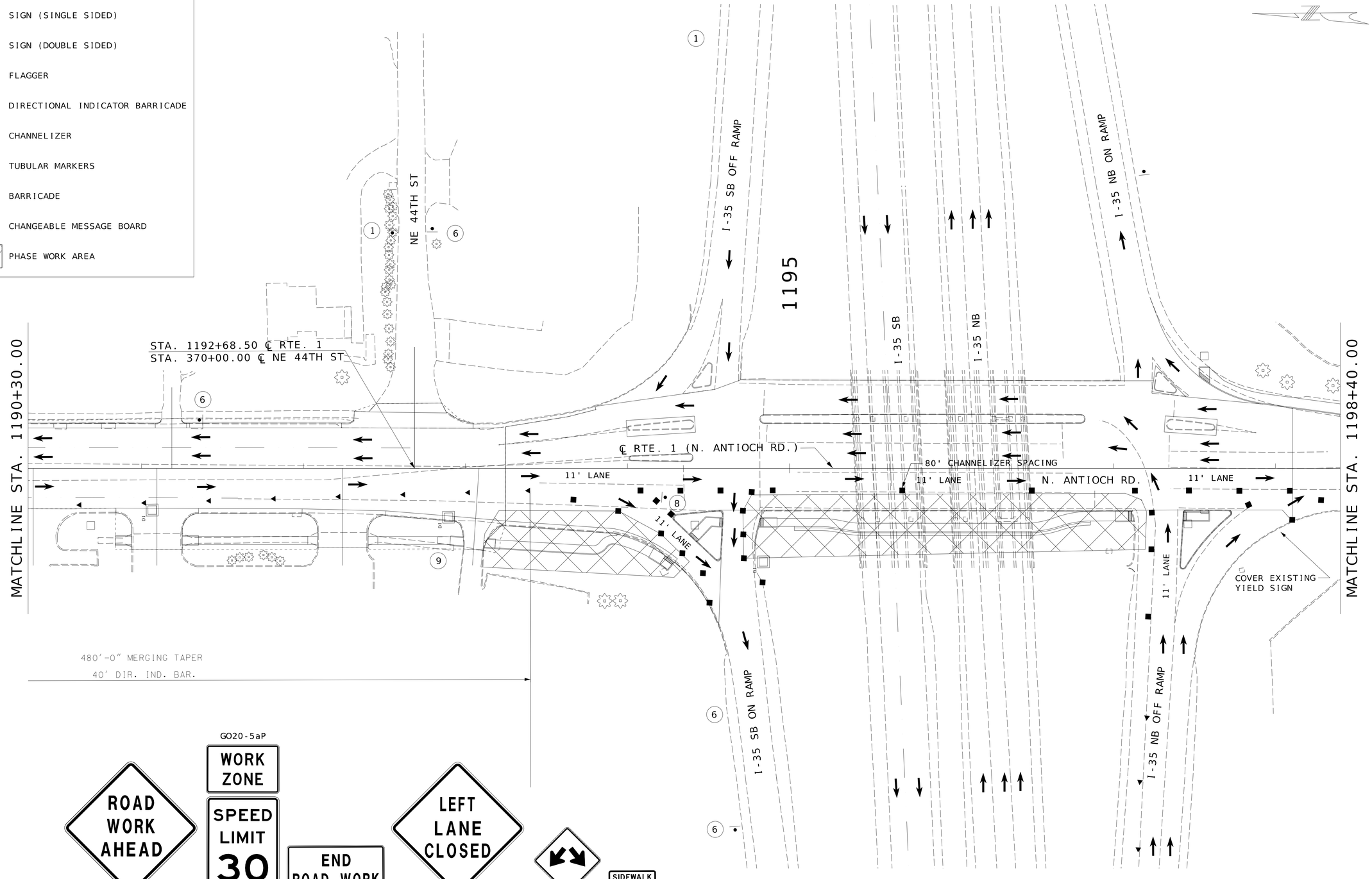
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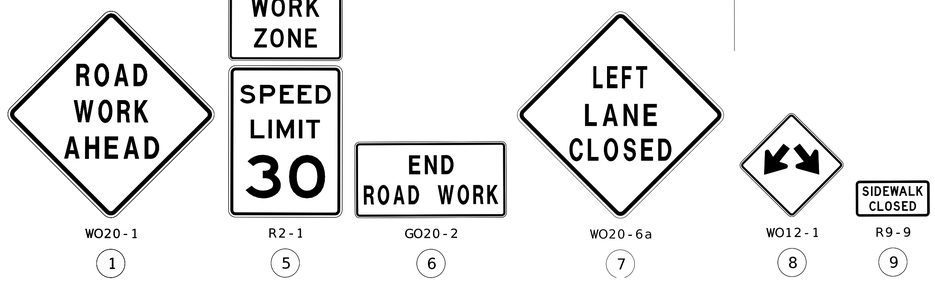
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



GO20-5aP



WO20-1	R2-1	GO20-2	WO20-6a	WO12-1	R9-9
(1)	(5)	(6)	(7)	(8)	(9)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 7 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	17

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

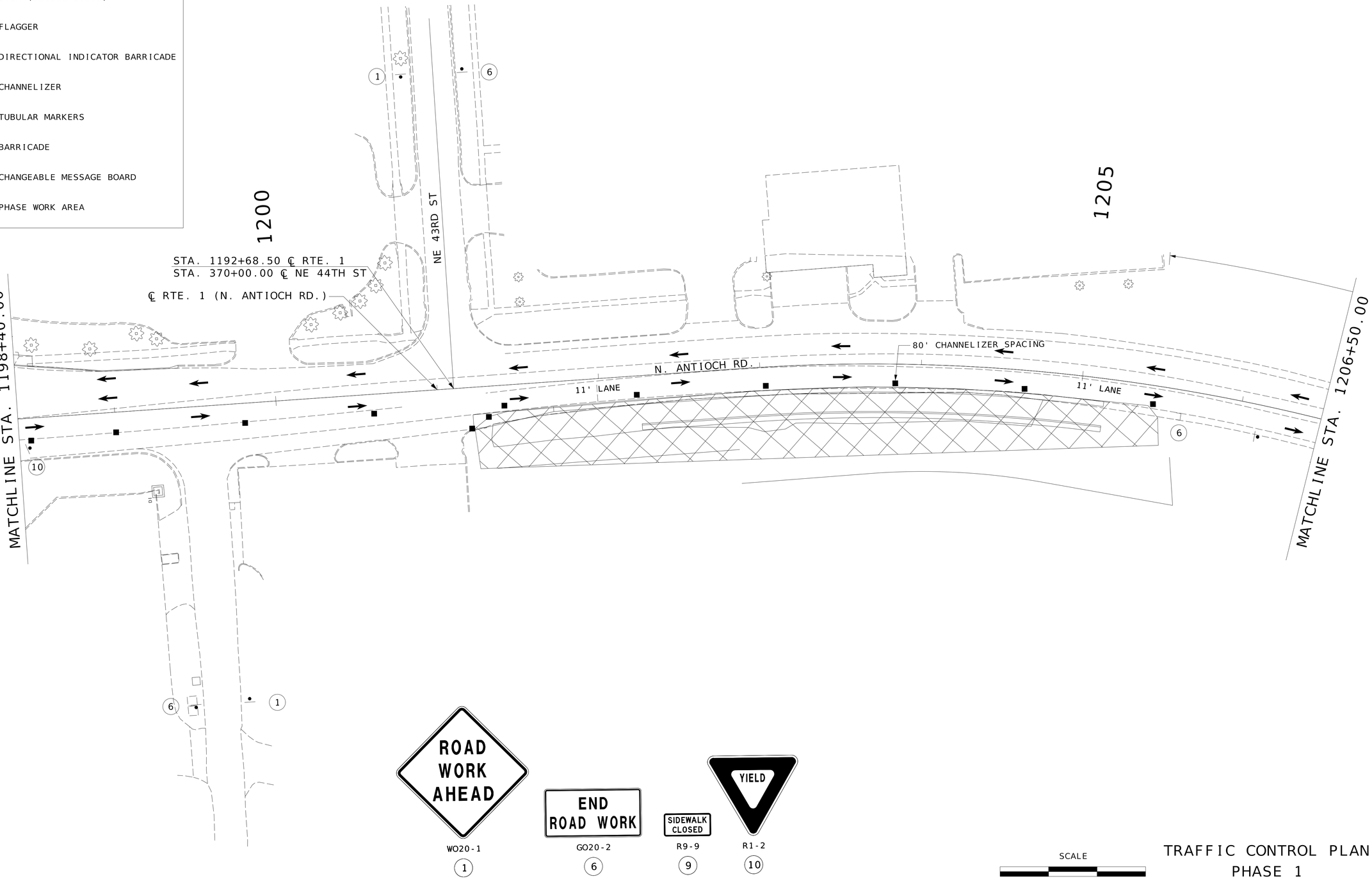
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



WO20-1
1

GO20-2
6

R9-9
9

R1-2
10

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 8 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	18

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

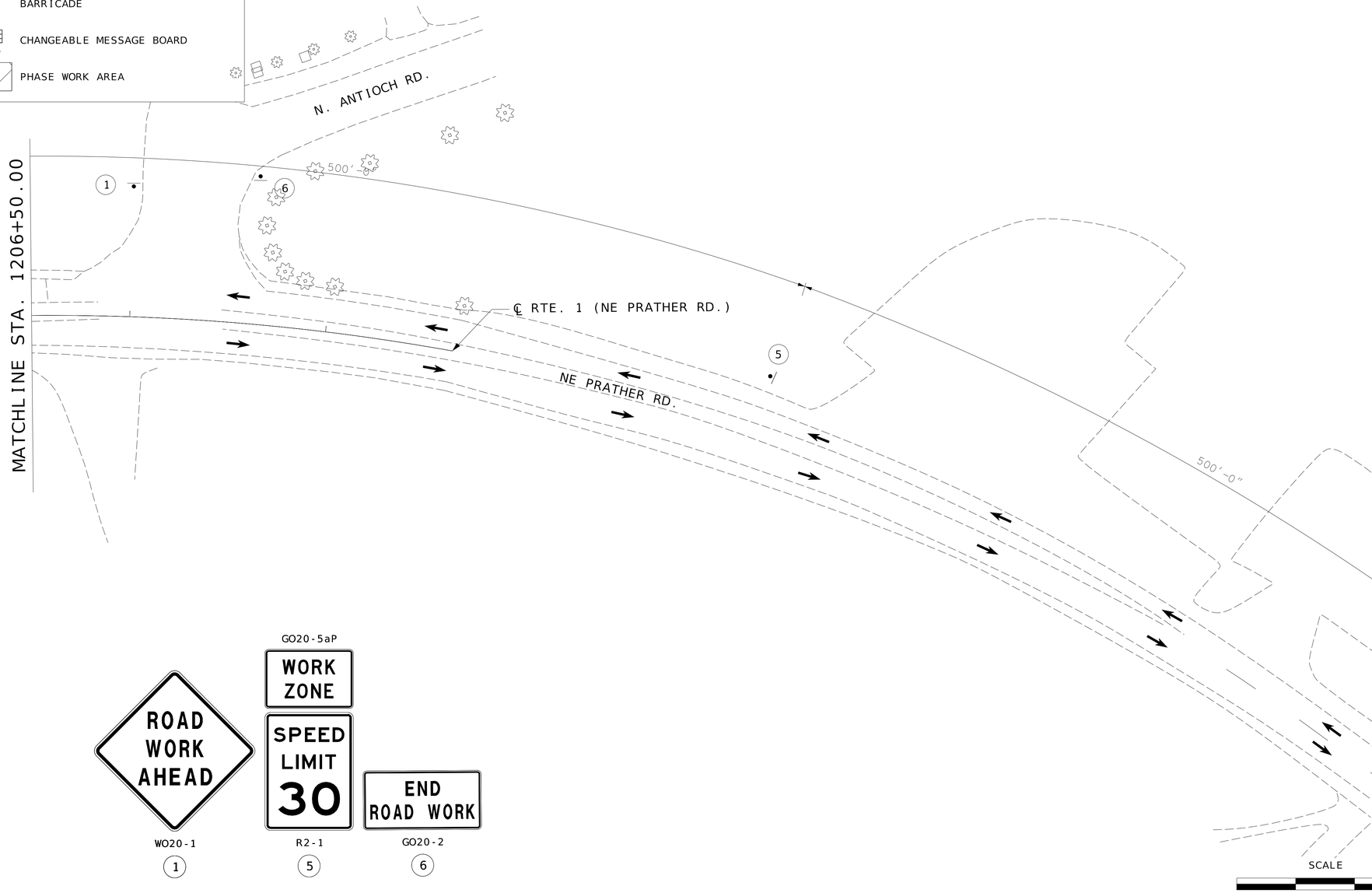
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



GO20-5aP

WO20-1 (1) R2-1 (5) GO20-2 (6)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 9 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	19

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

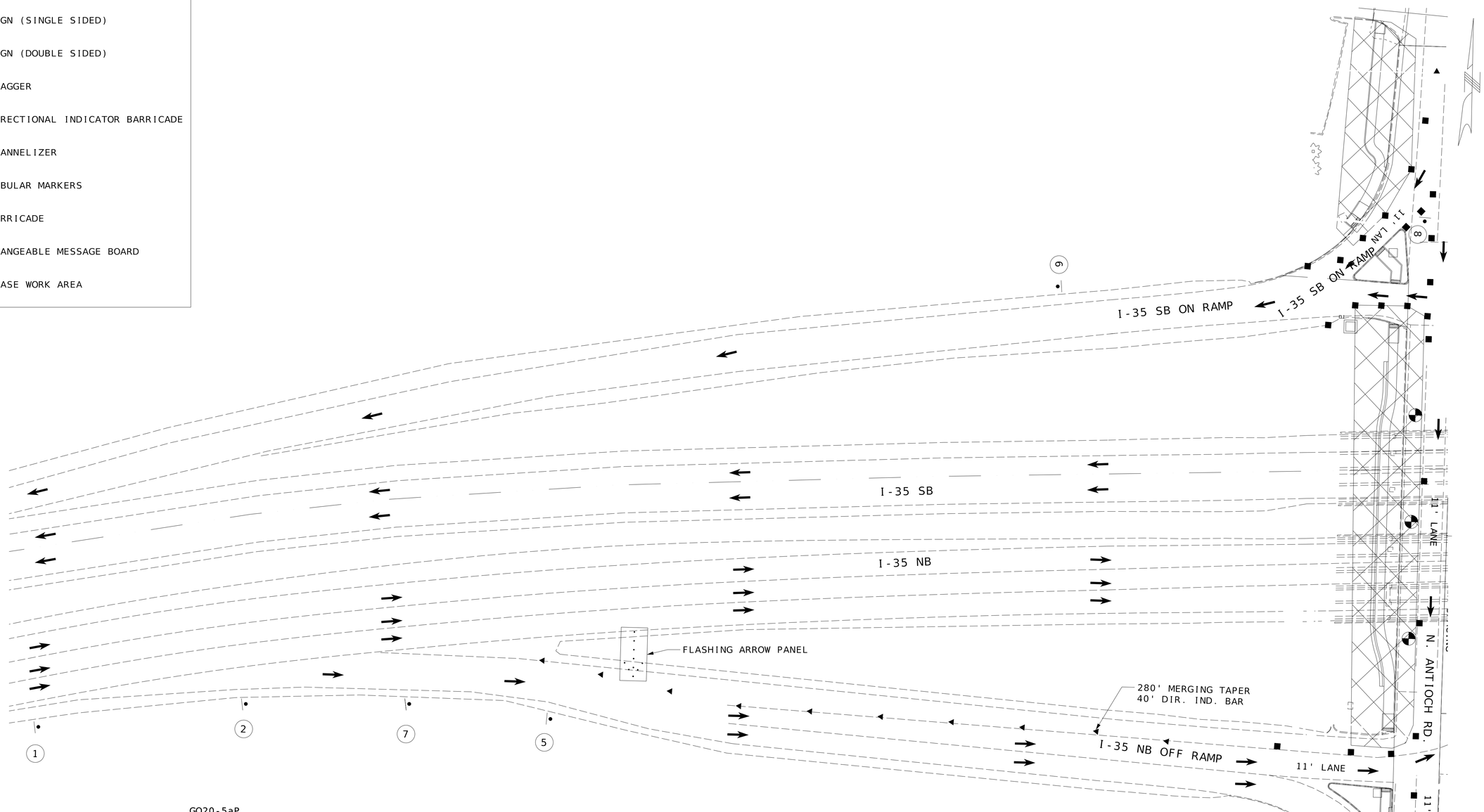
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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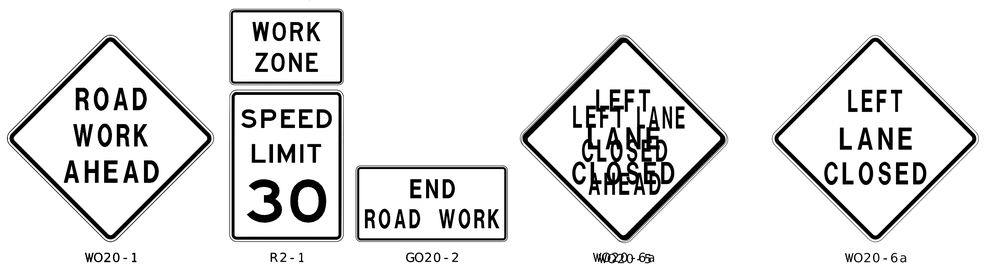
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Kansas City, MO 64131
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



GO20-5aP



WO20-1 (1) | R2-1 (5) | GO20-2 (6) | WO20-6a (7)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 10 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	20

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

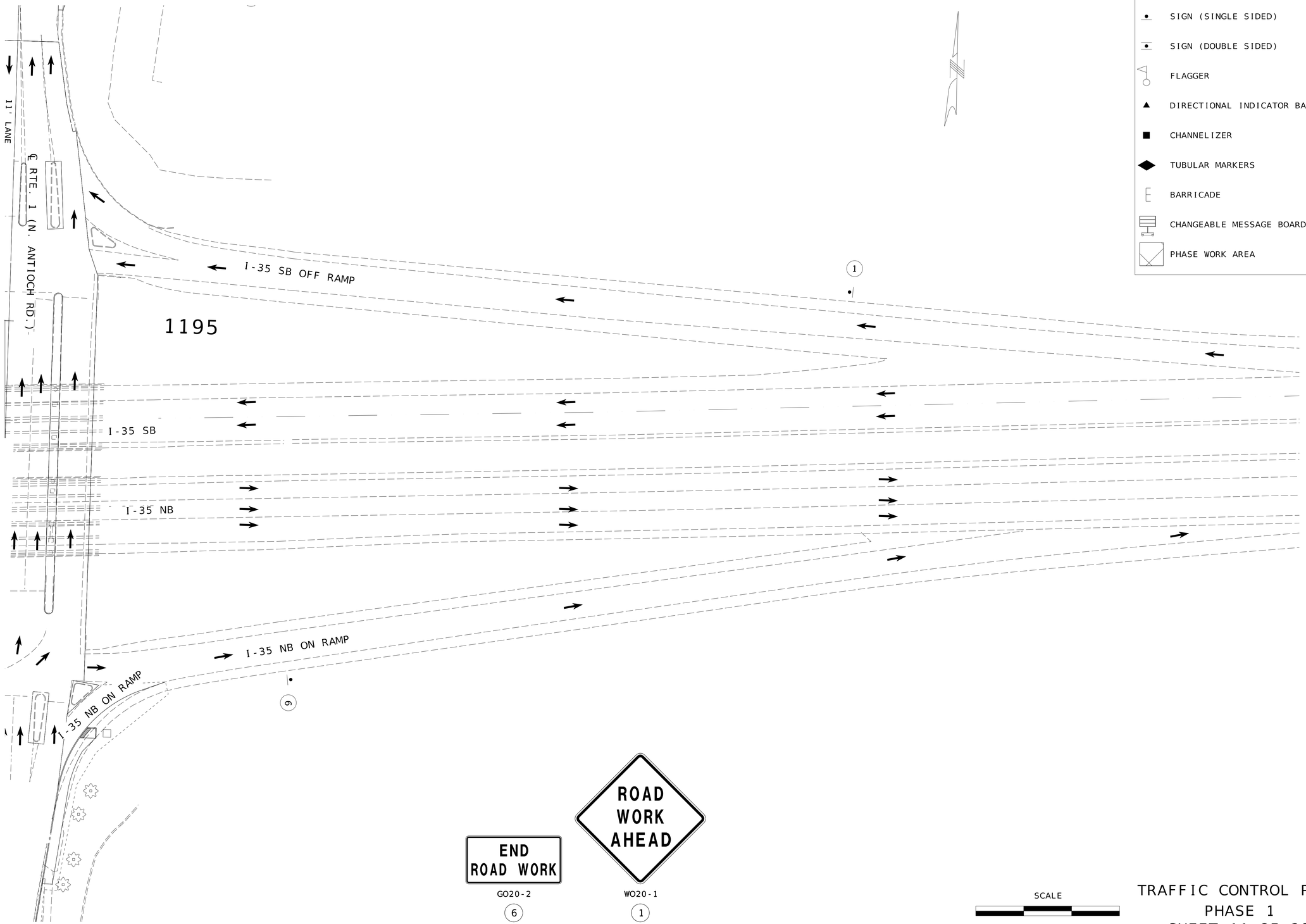
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DESCRIPTION	DATE

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA

GO20-2

6

WO20-1

1

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 11 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	21

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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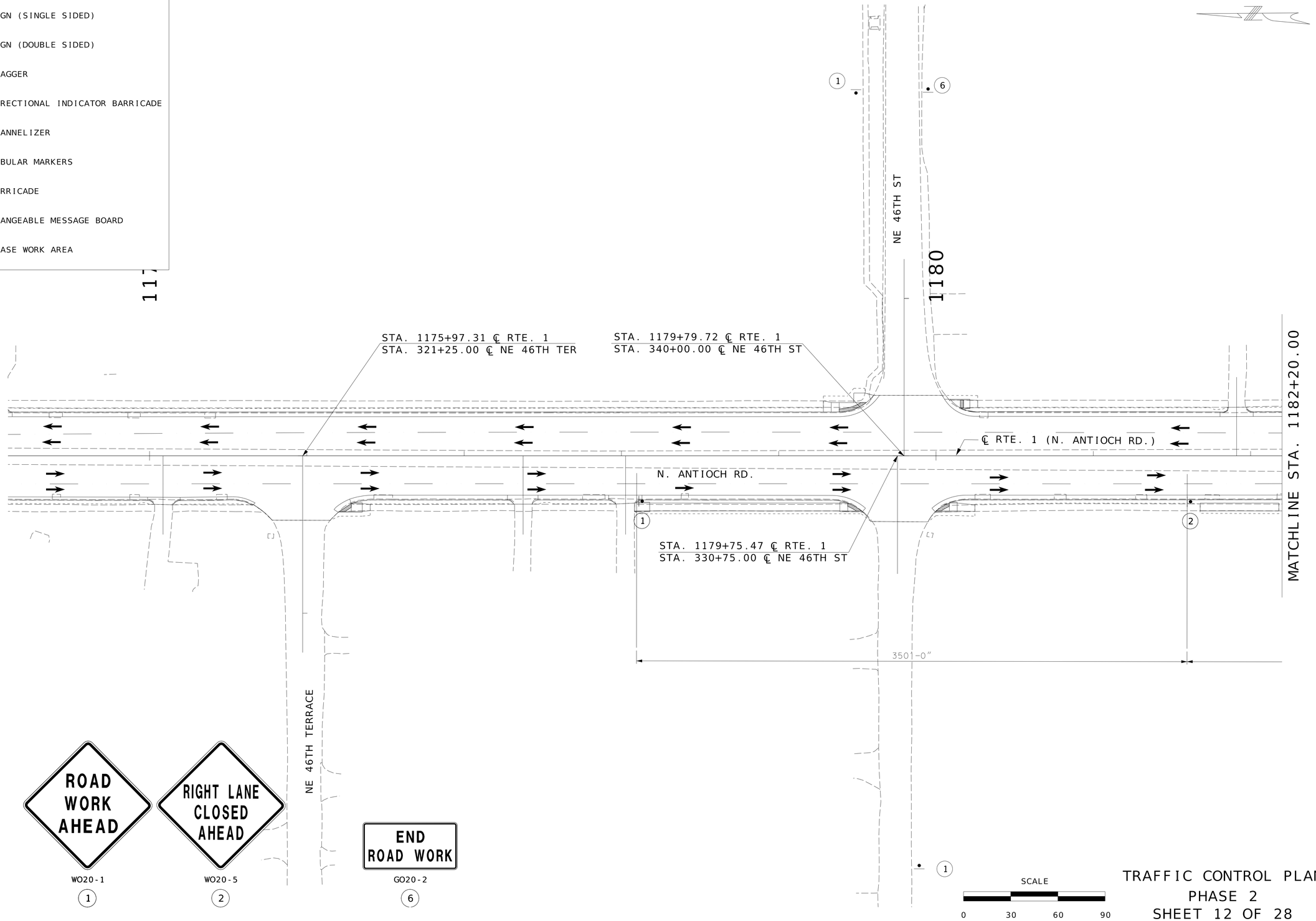
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Fax (816) 942-3013

Missouri Cert. of Authority #2003007599

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



ROAD WORK AHEAD
WO20-1
1

RIGHT LANE CLOSED AHEAD
WO20-5
2

END ROAD WORK
GO20-2
6

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 12 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	22

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

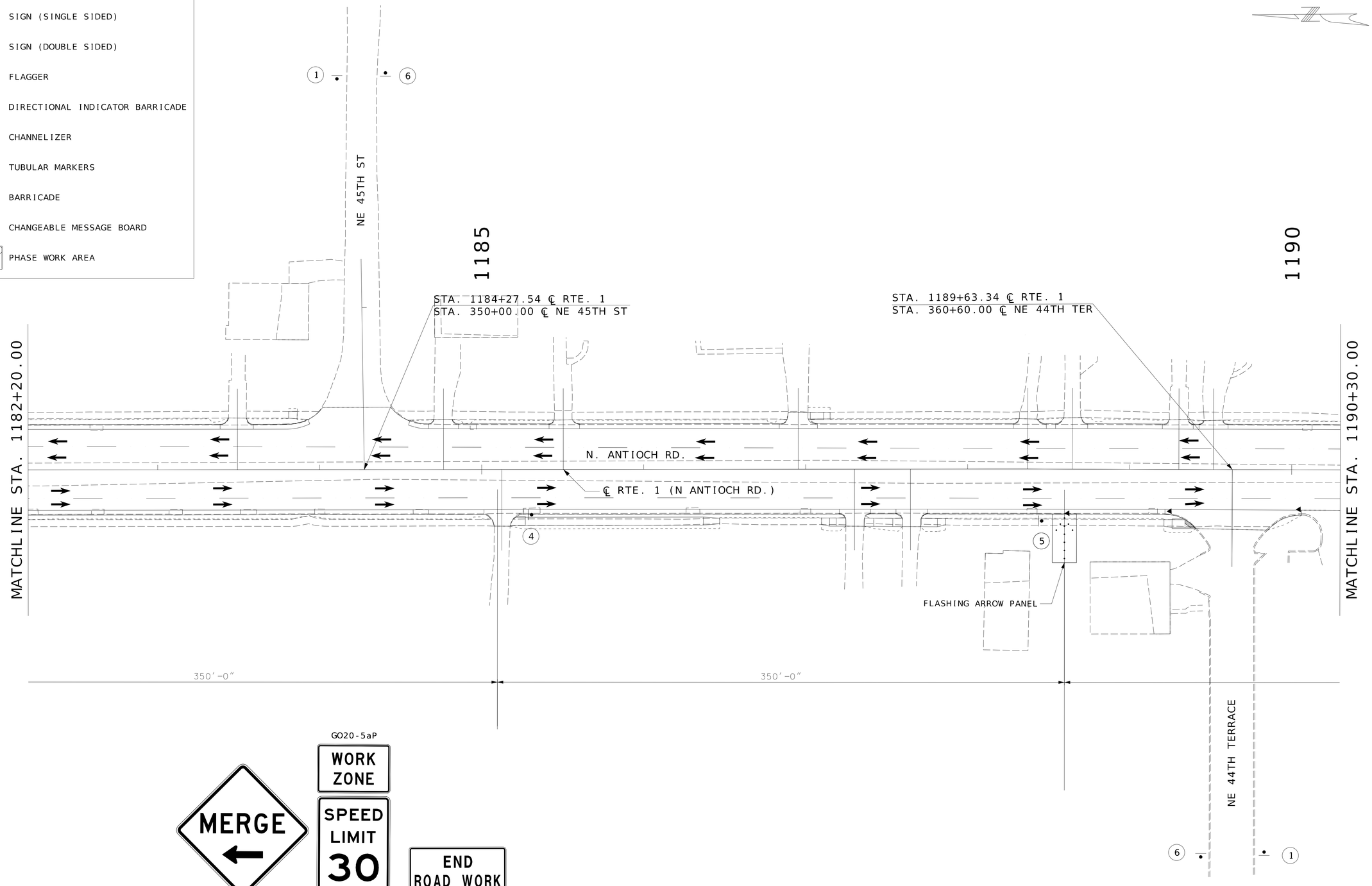
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

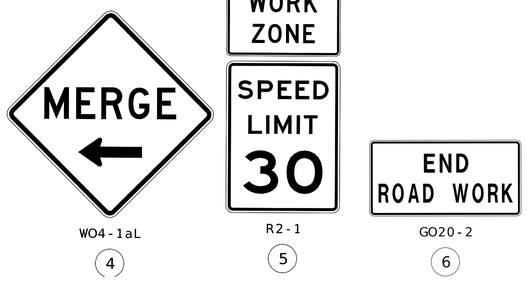
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



GO20-5aP



WO4-1aL (4) R2-1 (5) GO20-2 (6)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 13 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	23

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

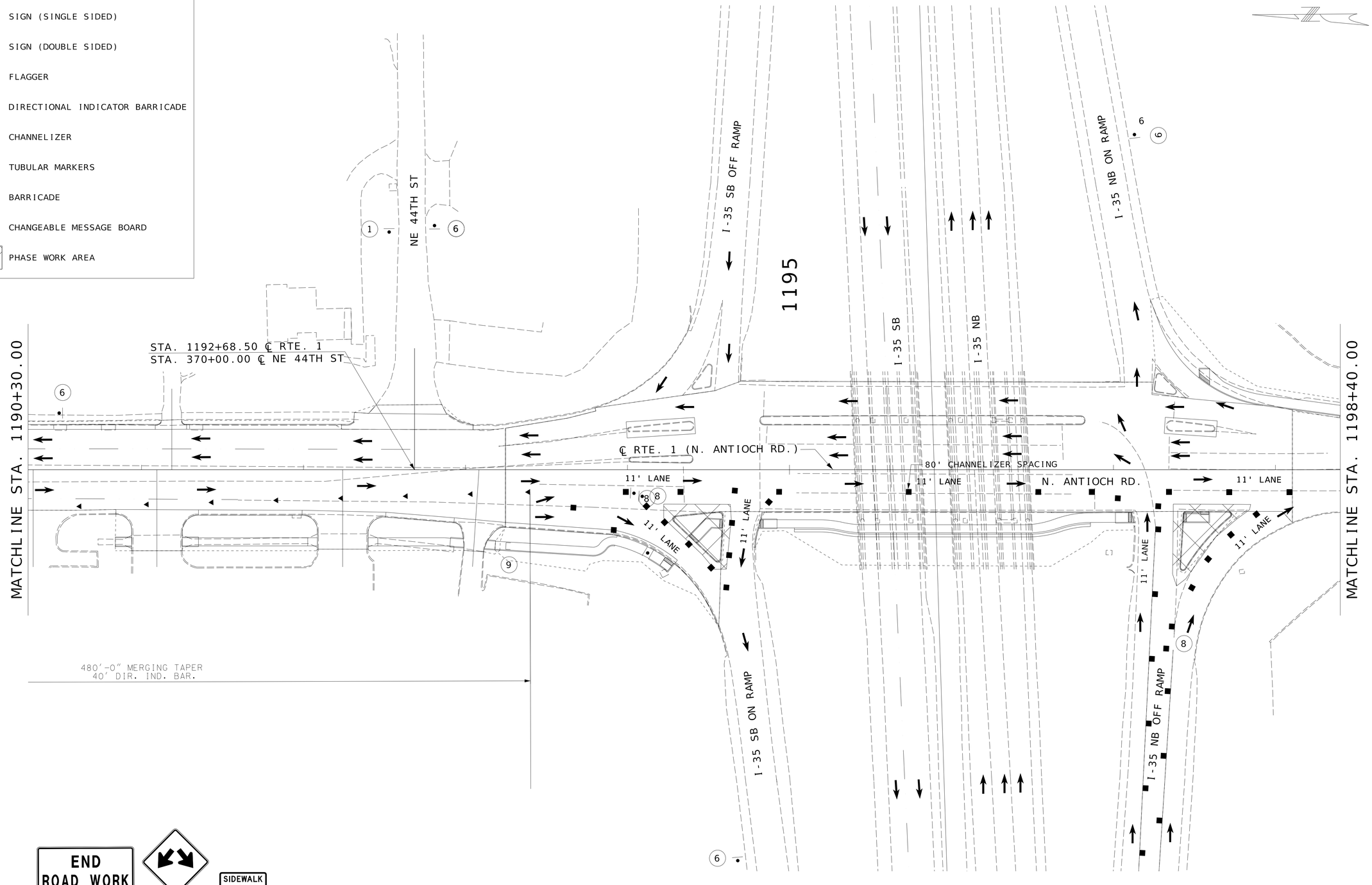
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA



END ROAD WORK — GO20-2 — (6)

WO12-1 — (8)

SIDEWALK CLOSED — R9-9 — (9)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 14 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	24

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

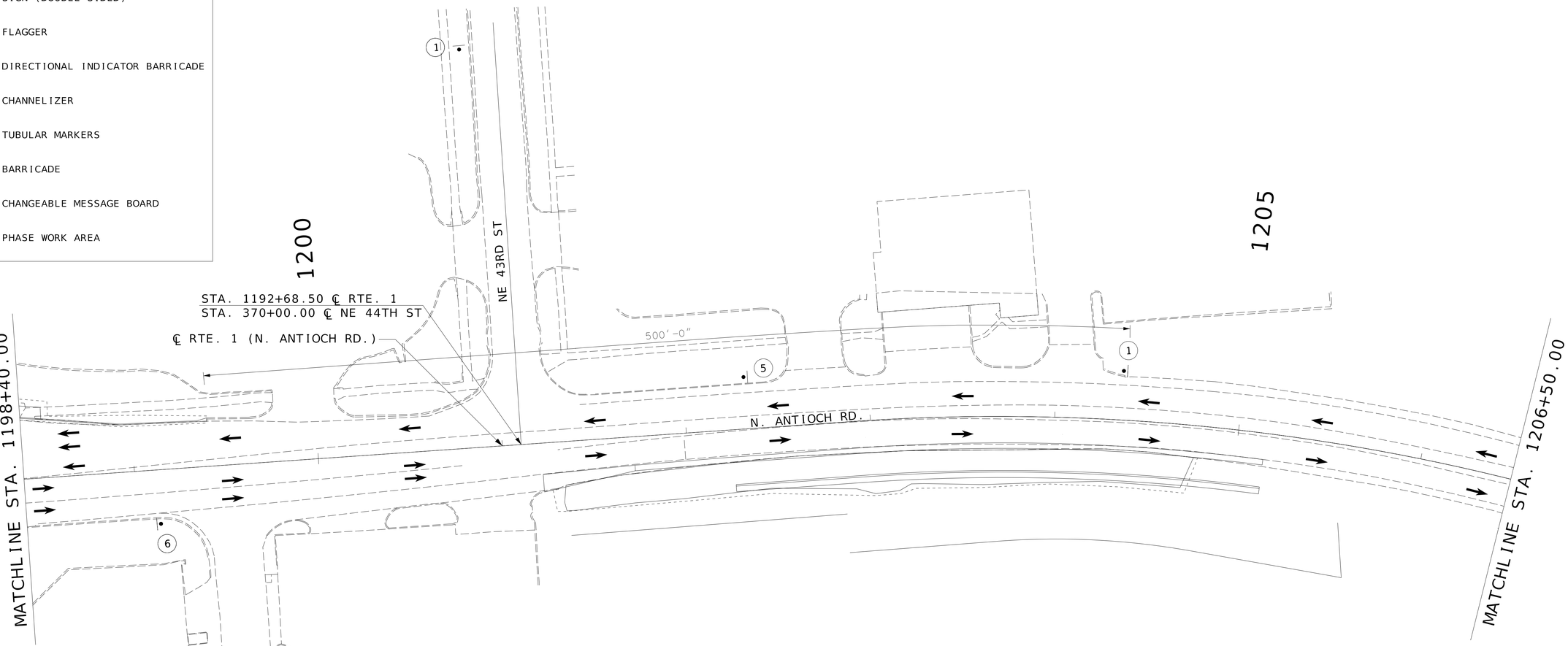
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

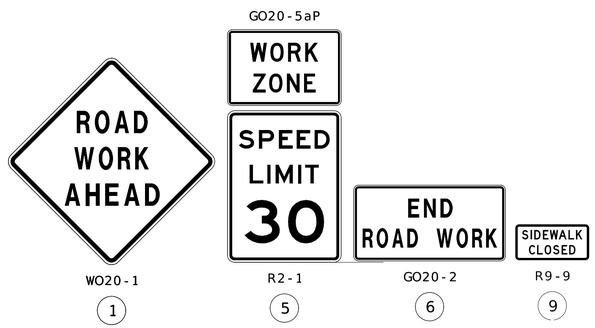
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA





SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 15 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	25

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

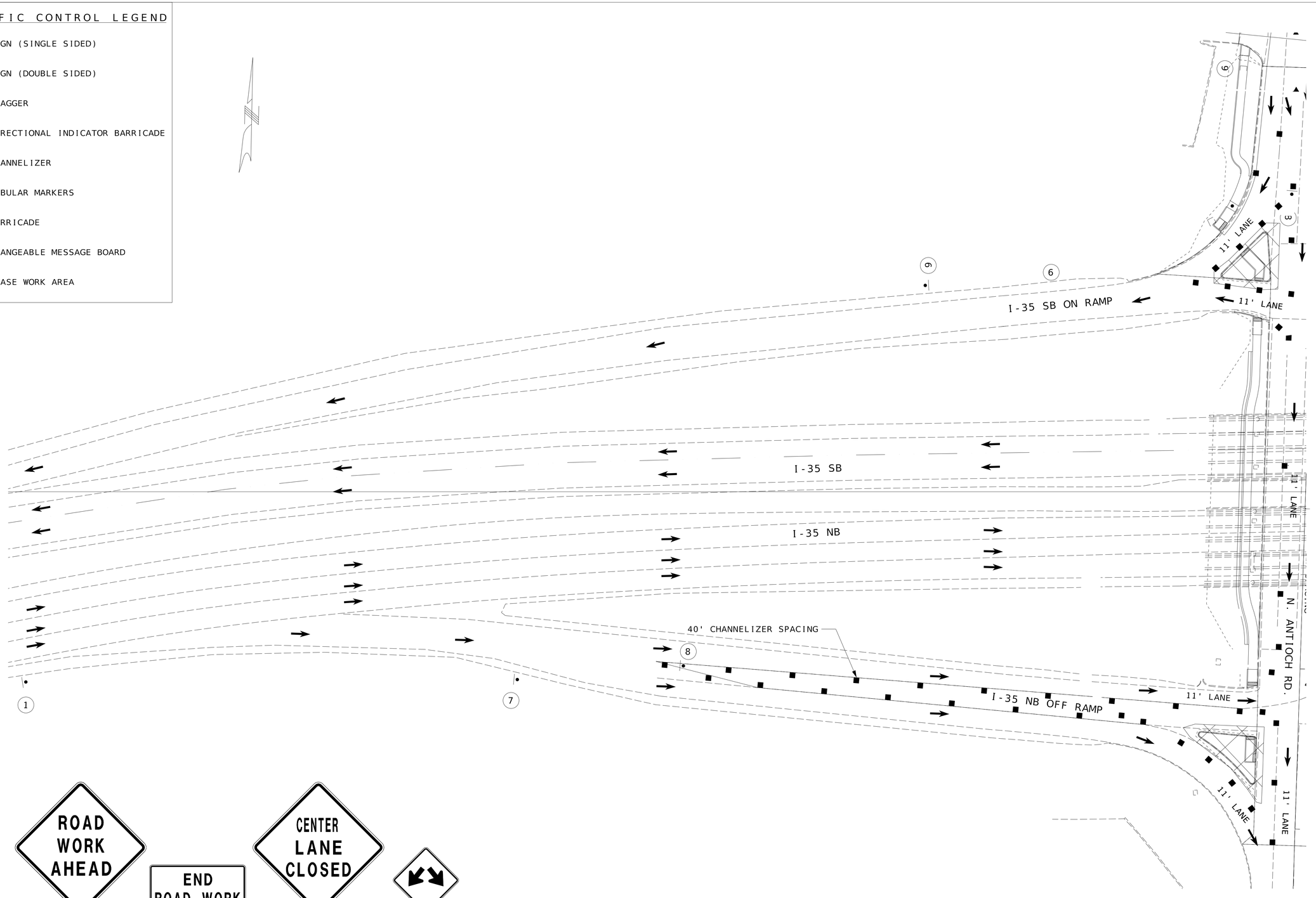
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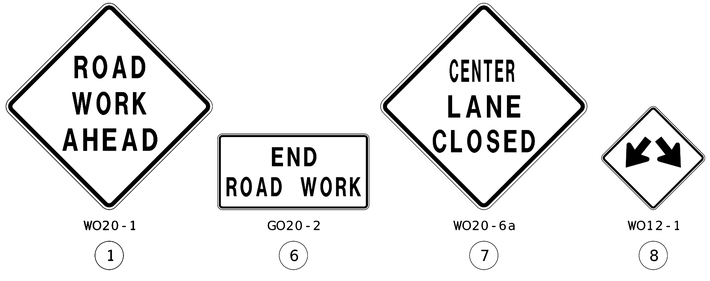
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA





SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 16 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	26

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

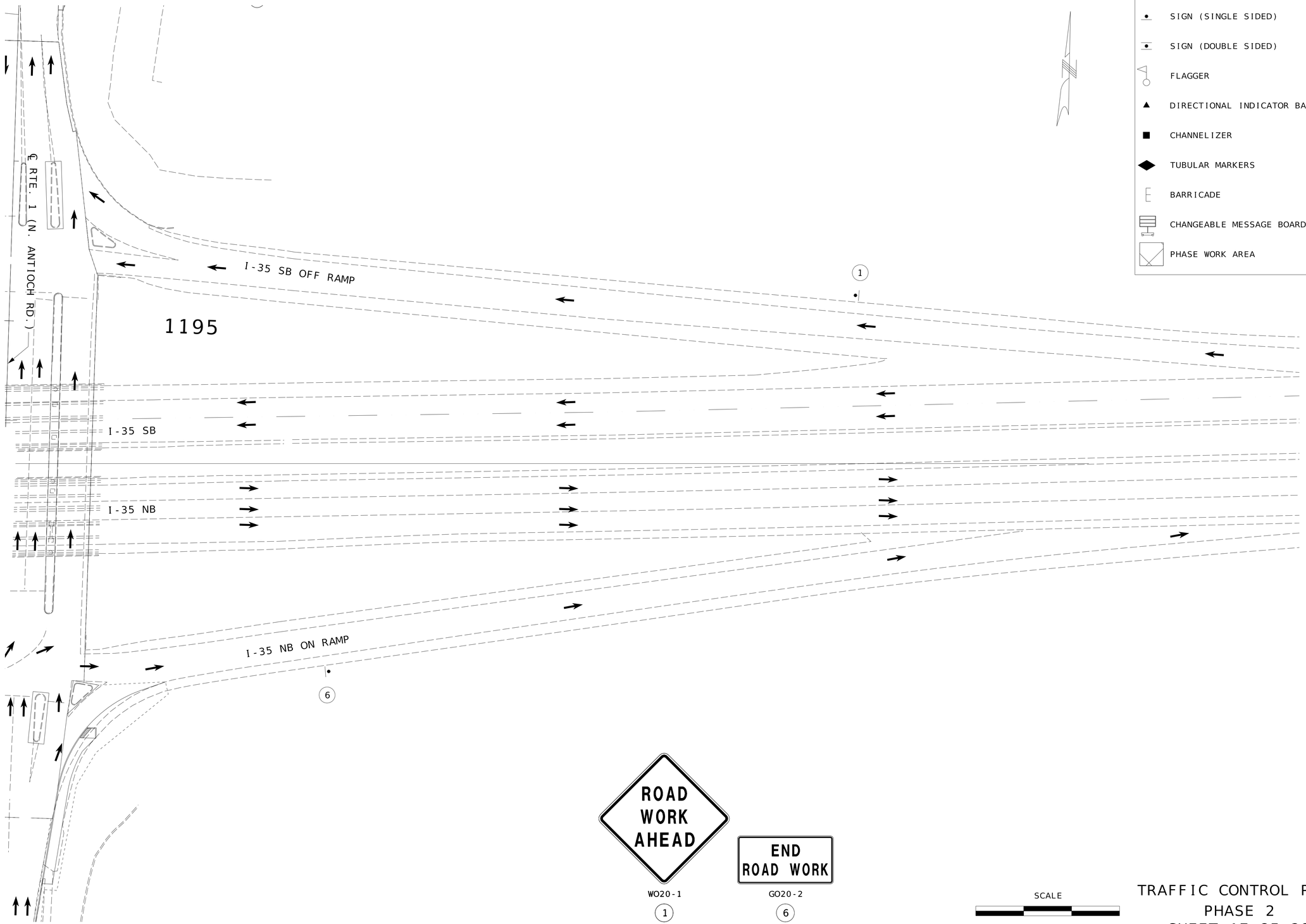
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA

WO20-1

1

GO20-2

6

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 17 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	27

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

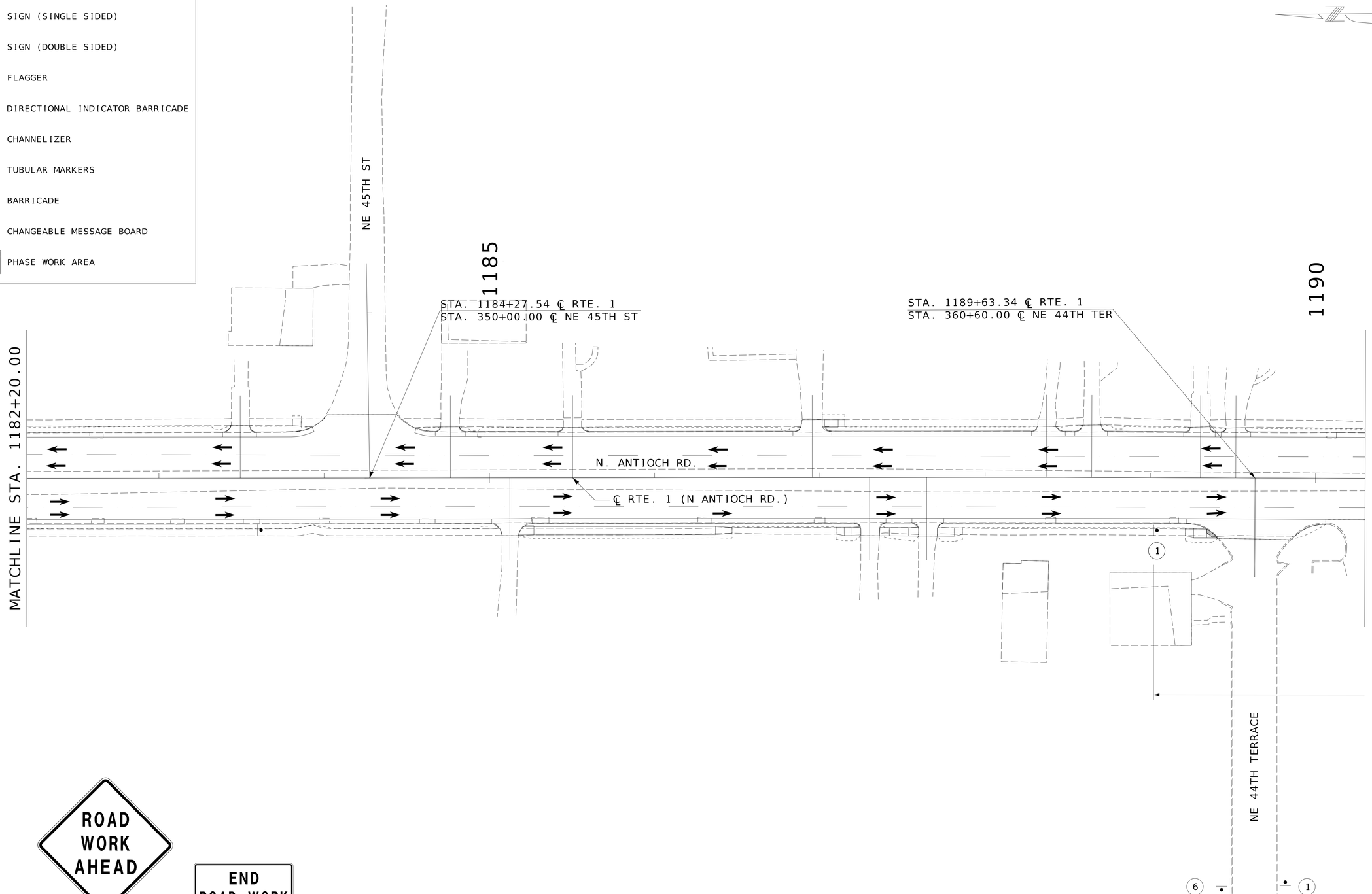
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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WILSON &COMPANY ENGINEERS & ARCHITECTS

TRAFFIC CONTROL LEGEND

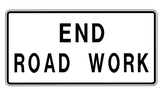
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- CHANNELIZER
- TUBULAR MARKERS
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- PHASE WORK AREA





WO20-1

1



GO20-2

6

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 18 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	28

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

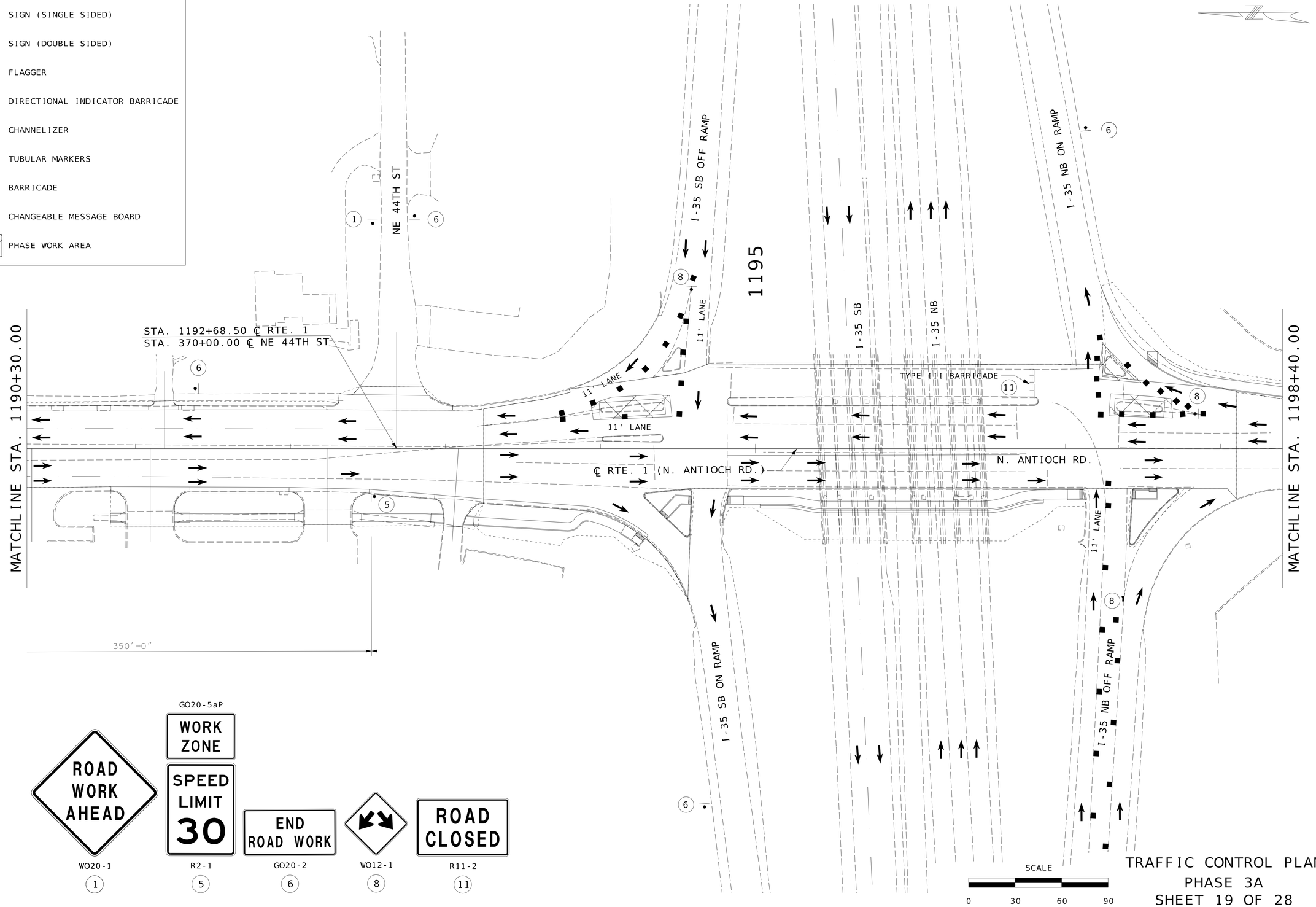
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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800 E 101st Terr., Ste. 200
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WILSON &COMPANY ENGINEERS & ARCHITECTS

TRAFFIC CONTROL LEGEND

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- PHASE WORK AREA



GO20-5aP

WO20-1	R2-1	GO20-2	WO12-1	R11-2
(1)	(5)	(6)	(8)	(11)

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 19 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	29

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

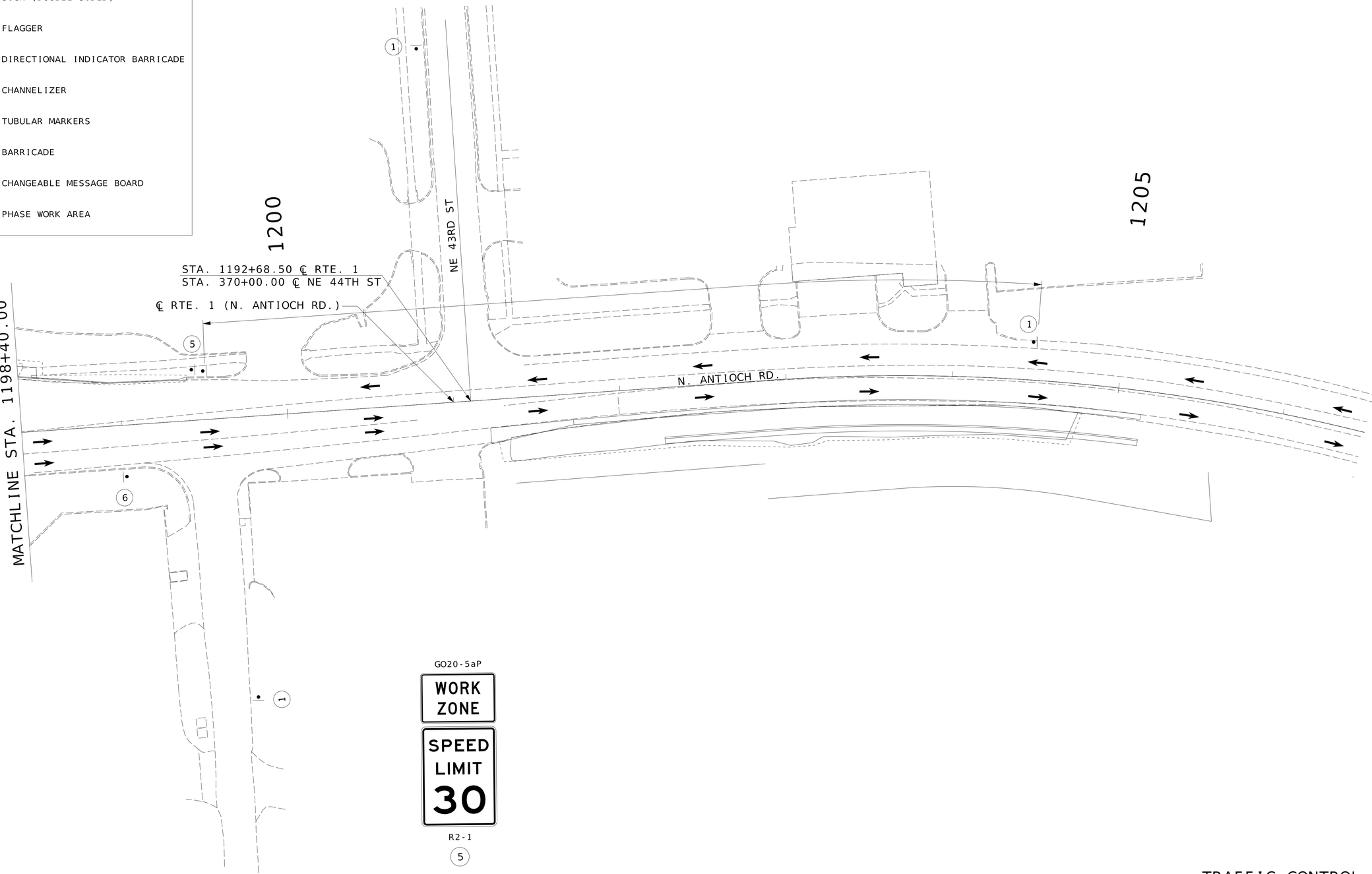
DATE	DESCRIPTION

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

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GO20-5aP

WORK ZONE

SPEED LIMIT 30

R2-1

5

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 20 OF 29

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	30

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

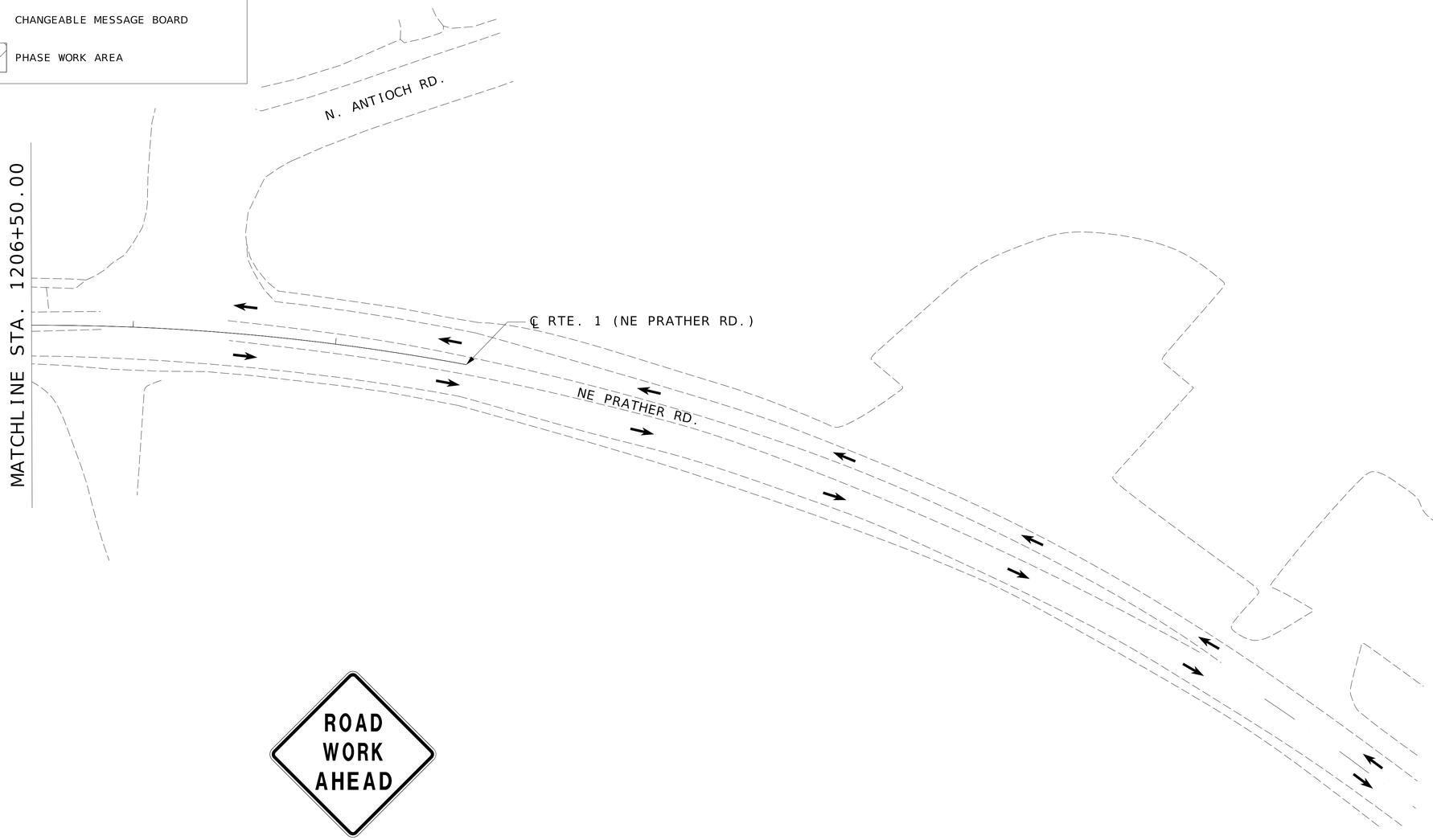
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JEFFERSON CITY, MO 65102
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- BARRICADE
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- PHASE WORK AREA



WO20-1

(1)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 21 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	31

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

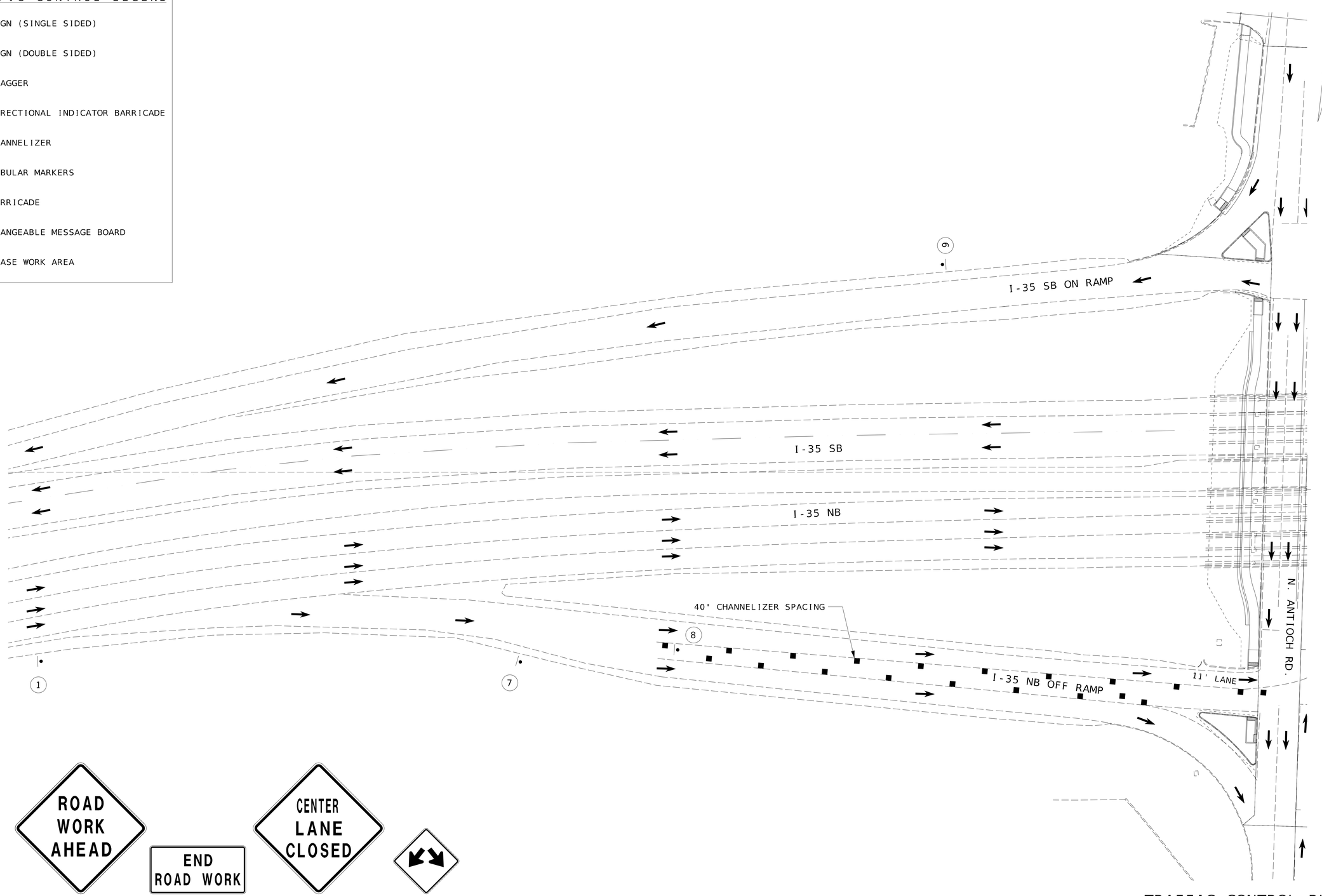
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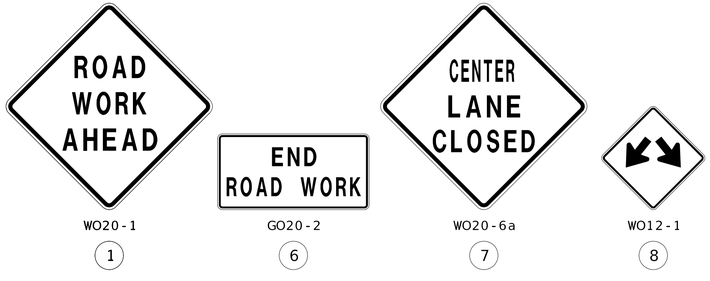
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- PHASE WORK AREA





WO20-1

1

GO20-2

6

WO20-6a

7

WO12-1

8

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 22 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	32

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

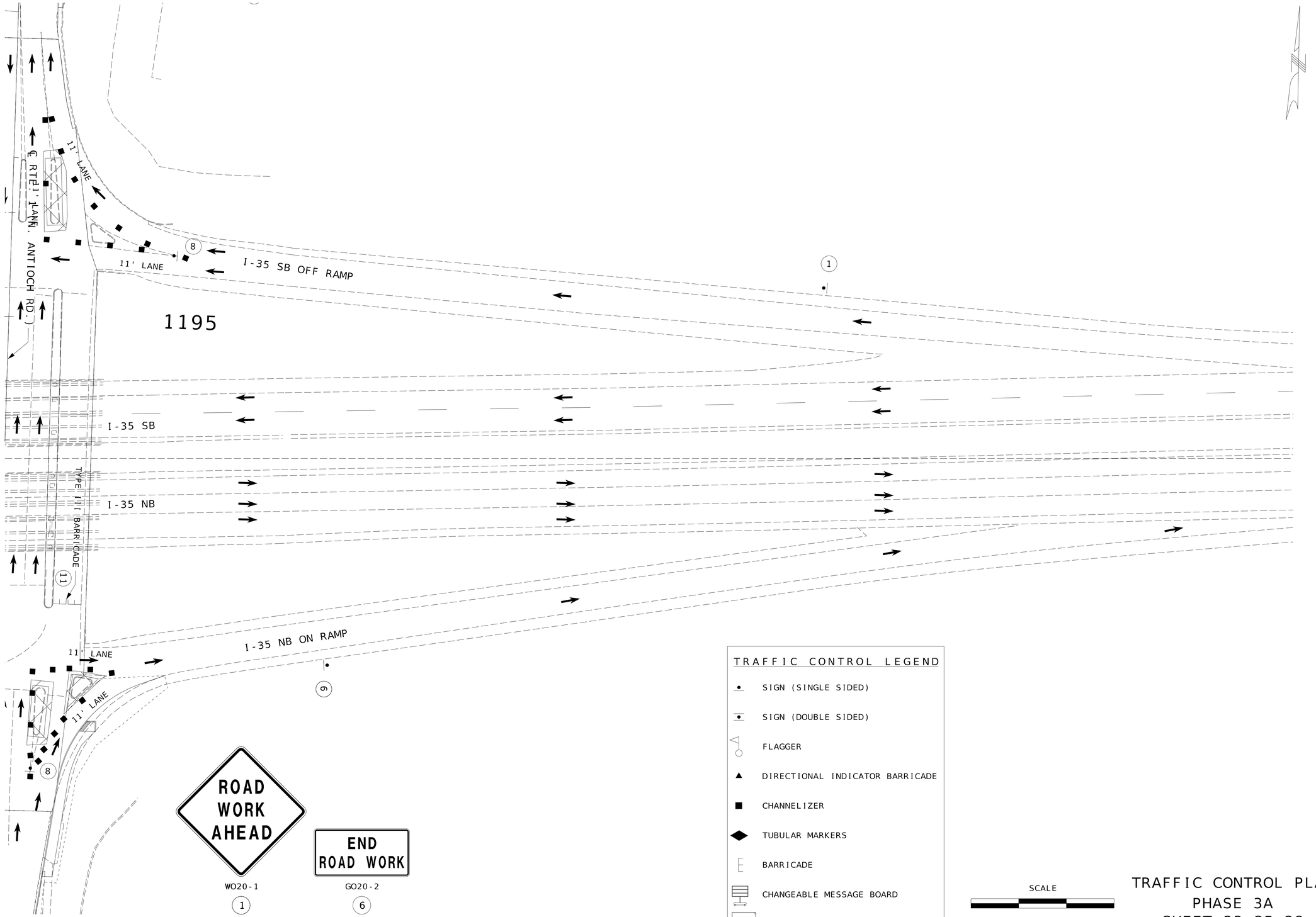
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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- PHASE WORK AREA

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3A
SHEET 23 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	33

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

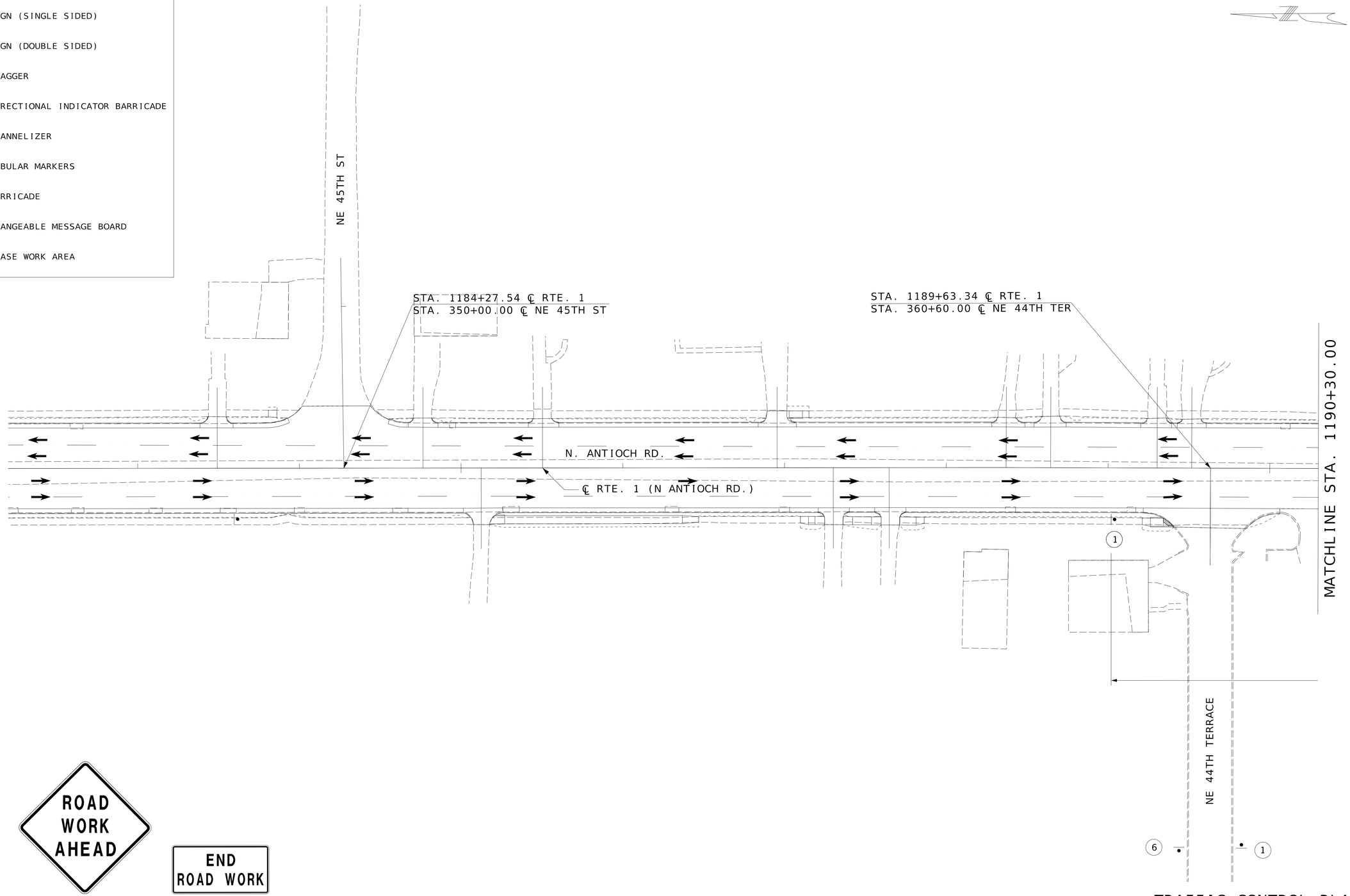
DESCRIPTION	DATE

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

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WILSON &COMPANY ENGINEERS & ARCHITECTS

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- PHASE WORK AREA



WO20-1

1



GO20-2

6

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3B
SHEET 24 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/2/2026
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	34
COUNTY	CLAY
JOB NO.	KU0096
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

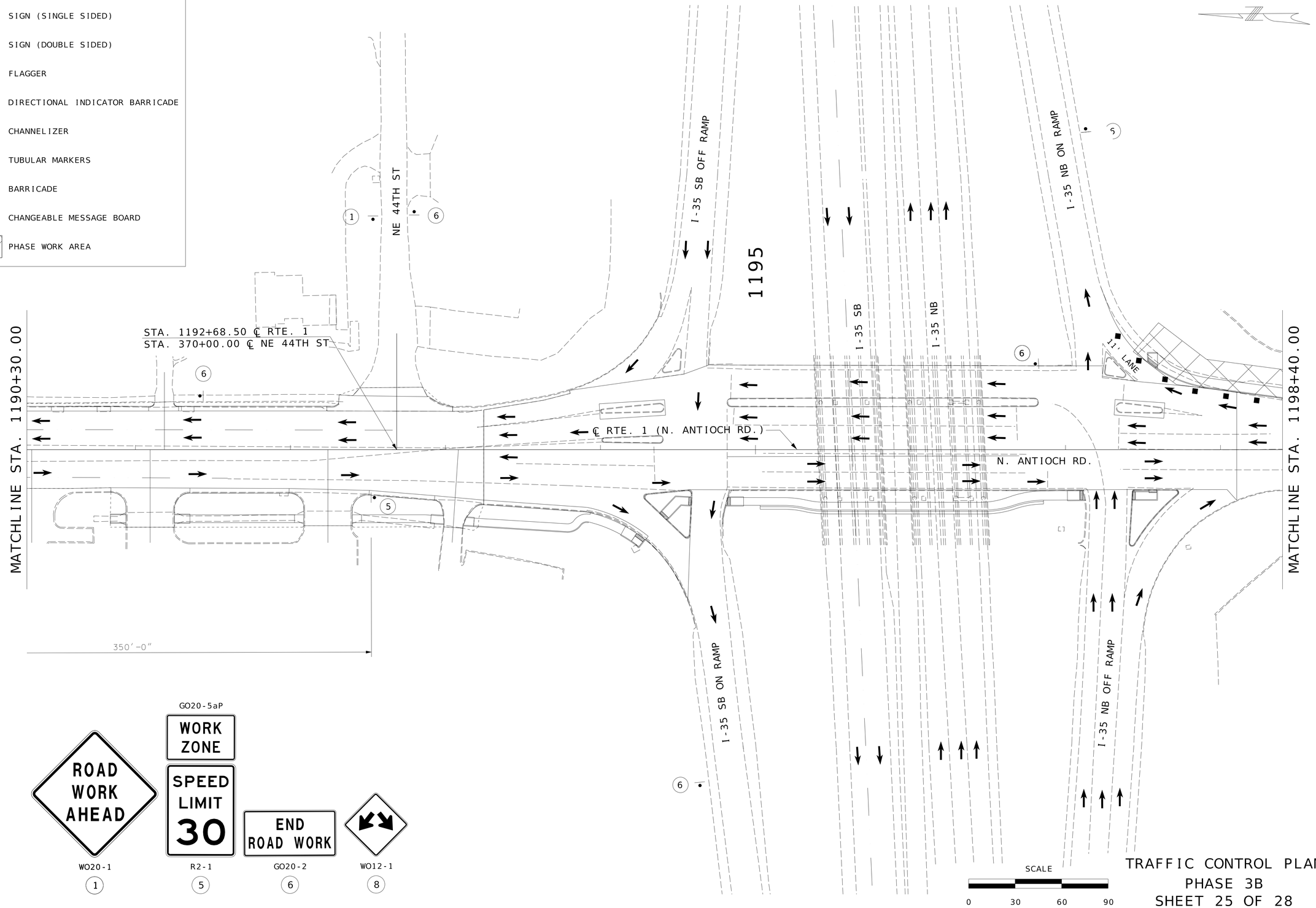
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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WILSON &COMPANY
ENGINEERS & ARCHITECTS

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- PHASE WORK AREA



GO20-5aP

WO20-1 (1) R2-1 (5) GO20-2 (6) WO12-1 (8)

SCALE 0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3B
SHEET 25 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	35

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

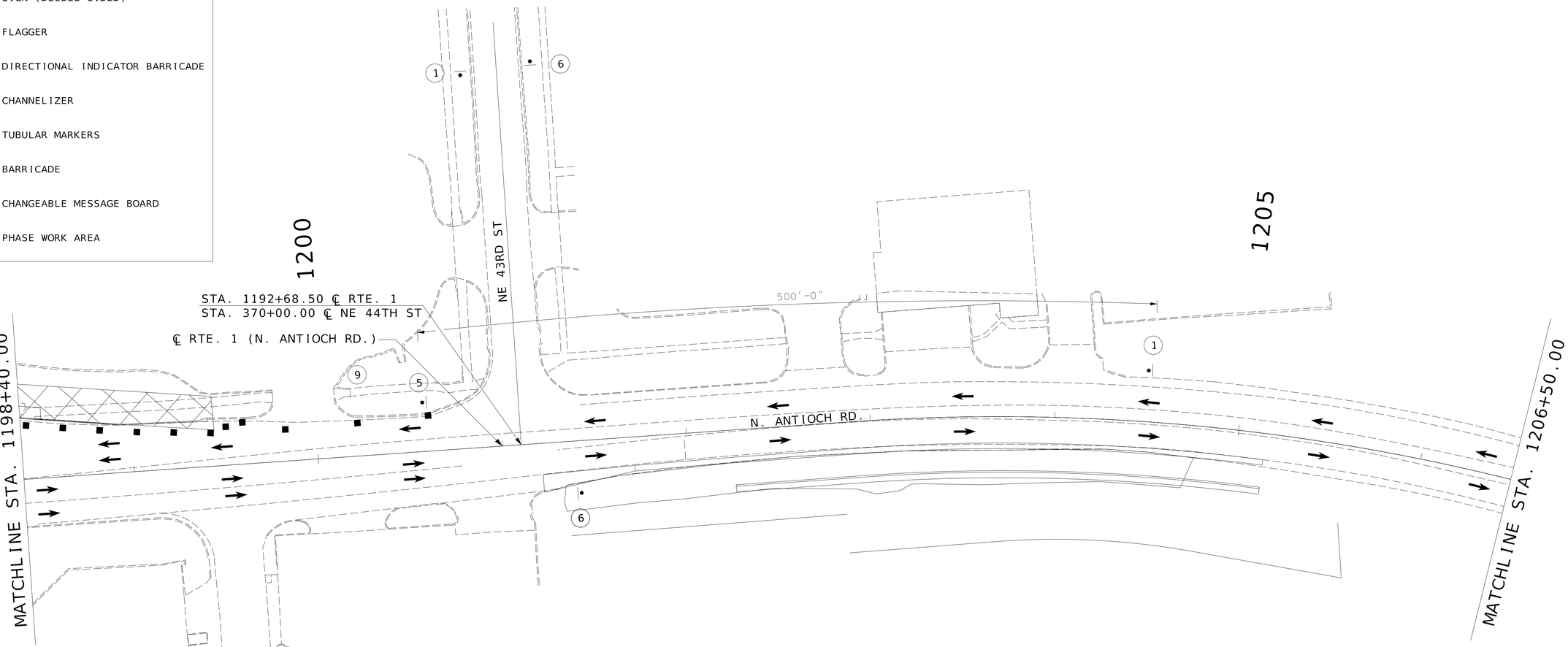
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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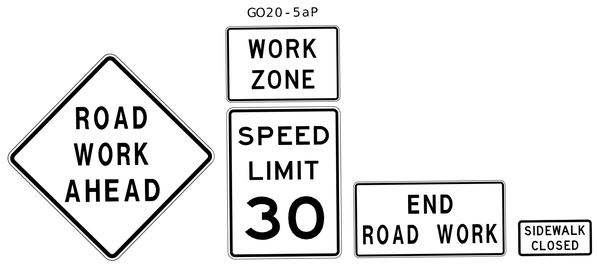
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TRAFFIC CONTROL LEGEND

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GO20-5aP



WO20-1 (1) | R2-1 (5) | GO20-2 (6) | R9-9 (9)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3B
SHEET 26 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	36

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

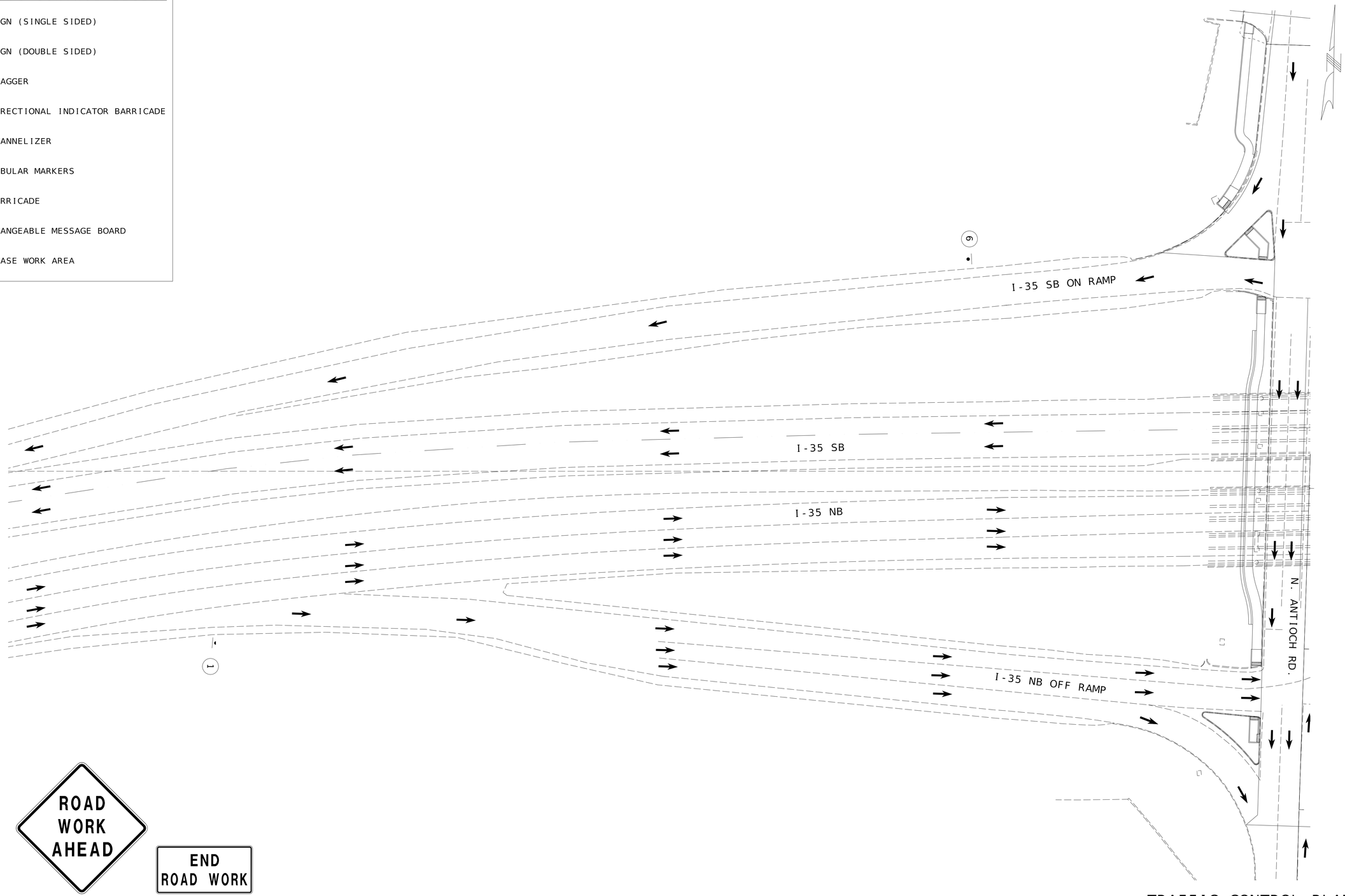
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- PHASE WORK AREA





WO20-1

1



GO20-2

6

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3B
SHEET 27 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	37

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

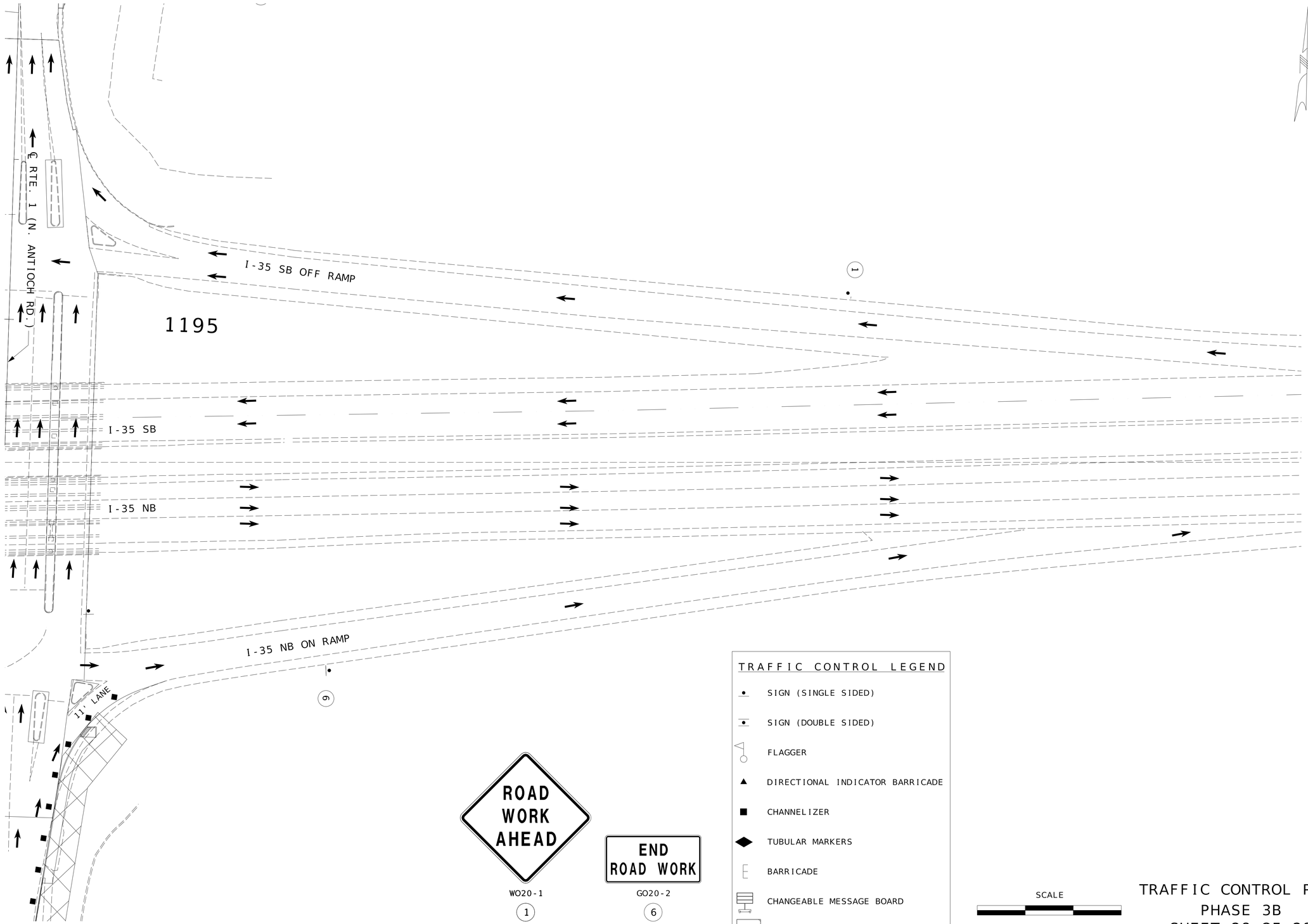
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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ROAD WORK AHEAD

WO20-1

1

END ROAD WORK

GO20-2

6

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SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3B
SHEET 28 OF 28

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/2/2026
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	38
COUNTY	CLAY
JOB NO.	KU0096
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

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WILSON &COMPANY ENGINEERS & ARCHITECTS

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

1190

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

NE ANTIOCH RD.

℄ RTE. 1 (NE ANTIOCH RD.)

PROJECT J4S3412 PROJECT KU0096

CURB INLET CHECK
STA 1193+13

STA 1193+16
BEGIN SILT FENCE

STA 1194+34
END SILT FENCE

160' SILT FENCE

STA 1194+83
BEGIN SILT FENCE

59' SILT FENCE

CURB INLET CHECK
STA 1194+68

I-35 SB EXIT RAMP

S.L.

S.L.

S.L.

S.L.

CURB INLET CHECK
STA 1192+90

ROCK
DITCH CHECK
STA 1194+24

STA 1194+58
BEGIN SILT FENCE

53' SILT FENCE

STA 1194+34
END SILT FENCE

CURB INLET CHECK
STA 1194+79

I-35 SB ENT. RAMP

MATCHLINE STA. 1194+90

TEMP. EROSION CONTROL SHEET
1 OF 3

ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	39

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Hg Consult Inc engineers planners

9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

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SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

1195

1200

MATCHLINE STA. 1194+90

MATCHLINE STA. 1200+30

EXIST. R/W

STA 1197+37

STA 1197+57

3 ROCK DITCH CHECKS SPACED 21' APART

APPROX. LOCATION OF EXIST. CONCRETE DITCH LINING

STA 1998+20

STA 1198+61

3 ALTERNATE DITCH CHECKS SPACED 21' APART

ROCK DITCH CHECK STA 1198+82

STA 1194+98
END SILT FENCE

I-35 SB

I-35 NB

I-35 NB ENT. RAMP

S.L.

NE ANTIOCH RD.

℄ RTE. 1 (NE ANTIOCH RD.)

STA 1195+06
END SILT FENCE

CURB INLET CHECK STA 1194+93

86' SILT FENCE

STA 1194+98
BEGIN SILT FENCE

STA 1196+90
BEGIN SILT FENCE

ROCK DITCH CHECK STA 1196+97

88' SILT FENCE

STA 1197+04
END SILT FENCE

CURB INLET CHECK STA 1197+14

I-35 NB EXIT RAMP

STA 1197+69
END SILT FENCE

47' SILT FENCE

STA 1197+55
BEGIN SILT FENCE

NE 43RD ST

TEMP. EROSION CONTROL SHEET
2 OF 3

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	40

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE	REV.
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

040_EC_02_KU0096_I20_Rte1.dgn 8:24:13 AM 3/2/2026

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

MATCHLINE STA. 1200+30

EXIST. R/W

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

1205

℄ RTE. 1 (NE ANTIOCH RD.)

NE ANTIOCH RD.

EXIST. R/W

EXIST. R/W

S.L.

EXIST. R/W

EXIST. R/W

NOTE: PERMANENT EROSION CONTROL RIPRAP TO BE INSTALLED IN EXISTING DITCH. TEMP. EROSION CONTROL NOT NEEDED.

TEMP. EROSION CONTROL SHEET
3 OF 3

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	41

COUNTY
CLAY

JOB NO.
KU0096

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)

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

9111 NE 79th Street Kansas City, MO 64158 (816)912-4720

REV.

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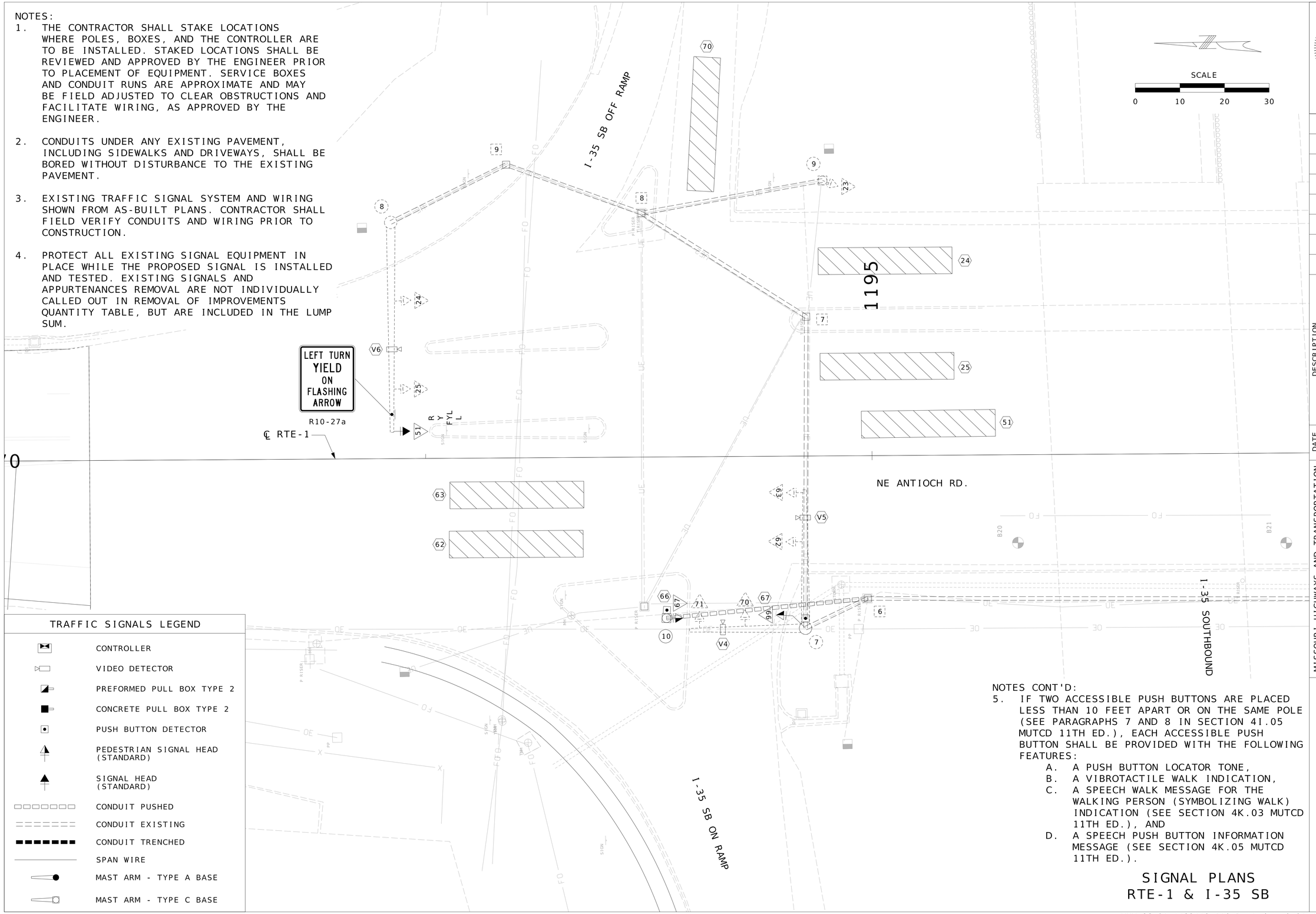
NOTES:

1. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

2. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

3. EXISTING TRAFFIC SIGNAL SYSTEM AND WIRING SHOWN FROM AS-BUILT PLANS. CONTRACTOR SHALL FIELD VERIFY CONDUITS AND WIRING PRIOR TO CONSTRUCTION.

4. PROTECT ALL EXISTING SIGNAL EQUIPMENT IN PLACE WHILE THE PROPOSED SIGNAL IS INSTALLED AND TESTED. EXISTING SIGNALS AND APPURTENANCES REMOVAL ARE NOT INDIVIDUALLY CALLED OUT IN REMOVAL OF IMPROVEMENTS QUANTITY TABLE, BUT ARE INCLUDED IN THE LUMP SUM.



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- VIDEO DETECTOR
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 2
- PUSH BUTTON DETECTOR
- PEDESTRIAN SIGNAL HEAD (STANDARD)
- SIGNAL HEAD (STANDARD)
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE

NOTES CONT'D:

5. IF TWO ACCESSIBLE PUSH BUTTONS ARE PLACED LESS THAN 10 FEET APART OR ON THE SAME POLE (SEE PARAGRAPHS 7 AND 8 IN SECTION 4I.05 MUTCD 11TH ED.), EACH ACCESSIBLE PUSH BUTTON SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
   - A. A PUSH BUTTON LOCATOR TONE,
   - B. A VIBROTACTILE WALK INDICATION,
   - C. A SPEECH WALK MESSAGE FOR THE WALKING PERSON (SYMBOLIZING WALK) INDICATION (SEE SECTION 4K.03 MUTCD 11TH ED.), AND
   - D. A SPEECH PUSH BUTTON INFORMATION MESSAGE (SEE SECTION 4K.05 MUTCD 11TH ED.).

SIGNAL PLANS
RTE-1 & I-35 SB

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	42

COUNTY: CLAY
JOB NO.: KU0096
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)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 07-01-2018

POST

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | BASE CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PULL BOX PREFORMED CLASS 2 | PULL BOX PREFORMED CLASS 3 | PULL BOX PREFORMED CLASS 5 | PULL BOX CONCRETE STANDARD | PULL BOX CONCRETE DOUBLE, TYPE A | PULL BOX CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

(1) NO DIRECT PAY FOR REQUIRED VIDEO DETECTOR CABLE. VIDEO DETECTOR CABLE SHALL BE INCLUDED AS INCIDENTAL TO THE FURNISHING AND INSTALLATION OF THE VIDEO DETECTION SYSTEM.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
6	10	46'							47'								
SUBTOTALS									47'								
TOTALS									47'								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	VIDEO CABLE (1)	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
	7	349'				395'										PEDESTRIAN HEAD 66
	7	349'			394'											PUSH BUTTON 66
	10	378'				424'										PEDESTRIAN HEAD 67
	10	378'			423'											PUSH BUTTON 67
	8	524'					646'									SIGNAL HEAD 51
	7	349'										(425')				VIDEO V-4
	7	349'										(431')				VIDEO V-5
	8	524'										(628')				VIDEO V-6
SUBTOTALS					817'	819'	646'									
TOTALS					817'	819'	646'									

INTERSECTION RTE. 1 AND I-35 SOUTHBOUND

D-37B

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	44

COUNTY CLAY

JOB NO. KU0096

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)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER							
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EXISTING																					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	KC DISTRICT VIDEO DETECTION SYSTEM (3)							
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1**	R10-3EL	9 X 15	0.9	0.9**	1**
1**	R10-3ER	9 X 15	0.9	0.9**	1**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
1	R10-27A	30 X 36	7.5	7.5	1
			SUBTOTAL	1.8**	2**
			TOTAL	7.5	1

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
24, 25, 51	NB ROUTE 1					V6
62, 63	SB ROUTE 1					V5
70	SB I-35					V4
66	SB ROUTE 1	1				
67	NB ROUTE 1	1				
TOTAL		2				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARDWARE. TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) SEE VIDEO DETECTION SYSTEM JSP FOR ADDITIONAL DETAILS. SIGNAL DETECTION SHALL BE PAID AS 1 PER INTERSECTION. THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYSTEM FULLY COVERING DETECTION ZONES AS SHOWN ON THE PLANS. THE METHOD CHOSEN SHALL COMPLAY WITH MODOT'S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED IN THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S APPROVED PRODUCT LIST AND RECEIVE DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE SYSTEM, WITH ALL COSTS INCLUDED.

(4) CONTRACTOR SHALL COORDINATE WITH MODOT FOR ALL WORK.

170 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U														
	L														
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

170 OUTPUT FILE ASSIGNMENTS

FR1								MONITOR
FR2								
FR3								
FR4								

170 AUXILIARY OUTPUT FILE

FR5							
FR6							

RTE. 1 AND I-35 SOUTHBOUND

INTERSECTION

D-37C

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	45

COUNTY: CLAY

JOB NO.: KU0096

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)

MoDOT

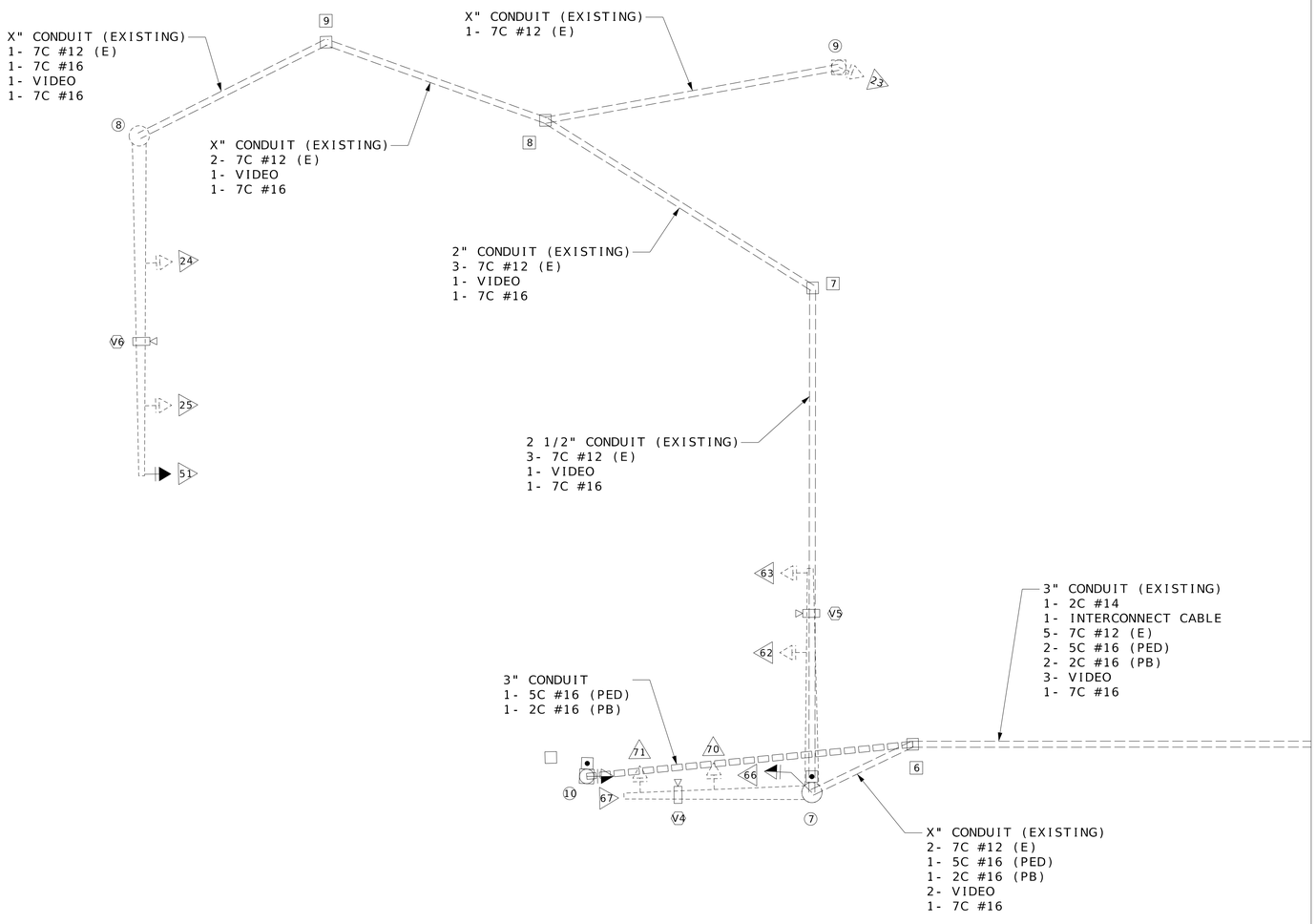
WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

WIRING DIAGRAM

SCALE

0 10 20 30



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

NOTE: THIS WIRING DIAGRAM IS FOR INFORMATION ONLY. EXISTING CONDUIT AND INTERCONNECT CABLE NORTH OF PULL BOX 6 NOT SHOWN.
ALL EXISTING WIRING AND CONDUIT INFORMATION IS FROM AS BUILT PLANS I-35-1(47) AND 5011_FAM 3314(406)
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE-1 AND I-35 SOUTHBOUND

INTERSECTION

D-37D

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	46

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

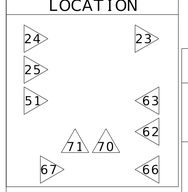
DESCRIPTION	DATE

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

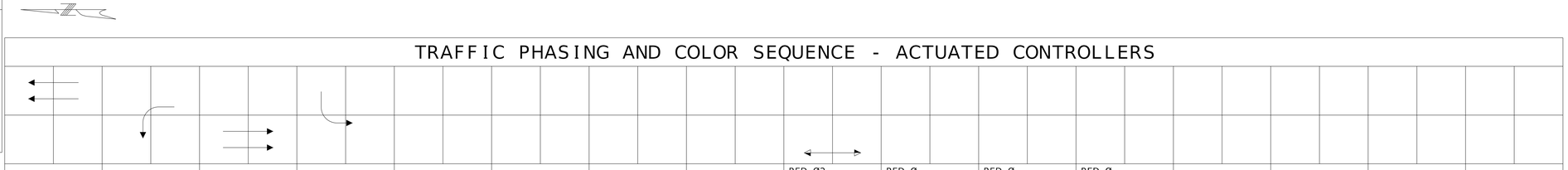
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Kansas City, MO 64131
Phone (816) 701-3100
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Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

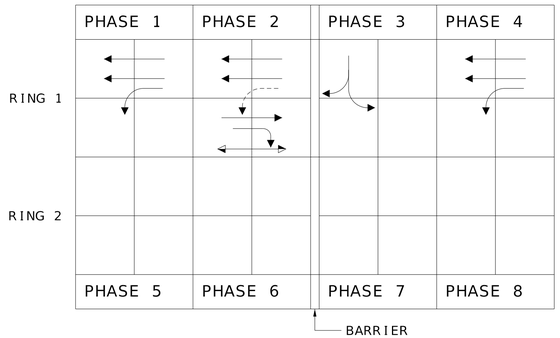


	PHASE 4	PHASE 1	PHASE 2	PHASE 3	PHASE	PHASE	PHASE	PHASE	PED Ø2 OVERLAP	PED Ø OVERLAP	PED Ø OVERLAP	PED Ø OVERLAP
FACE NUMBERS	23 24 25	51	62 63	70 71					66 67			
SIGNAL INDICATIONS R	R R R	R	R R	R R					W W			
SIGNAL INDICATIONS Y	Y Y Y	Y	Y Y	Y Y					DW DW			
SIGNAL INDICATIONS FYA		FYL										
SIGNAL INDICATIONS G	G S S	L	G G	L L								
DETECTOR ASSIGNMENTS	23 24 25	51	62 63	70 71								
DETECTOR ASSIGNMENTS (PEDS. ONLY)									62 63			
OVERLAP PARENT PHASES												

FACE NUMBERS

SIGNAL INDICATIONS R / Y / FYA / G

DETECTOR ASSIGNMENTS



RING STRUCTURE

COORDINATE TRAFFIC PHASING WITH MODOT TRAFFIC ENGINEER

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
	FR
	FY

CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

RTE. 1 WITH I-35 SOUTHBOUND

D-38A

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	47

COUNTY CLAY

JOB NO. KU0096

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)

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

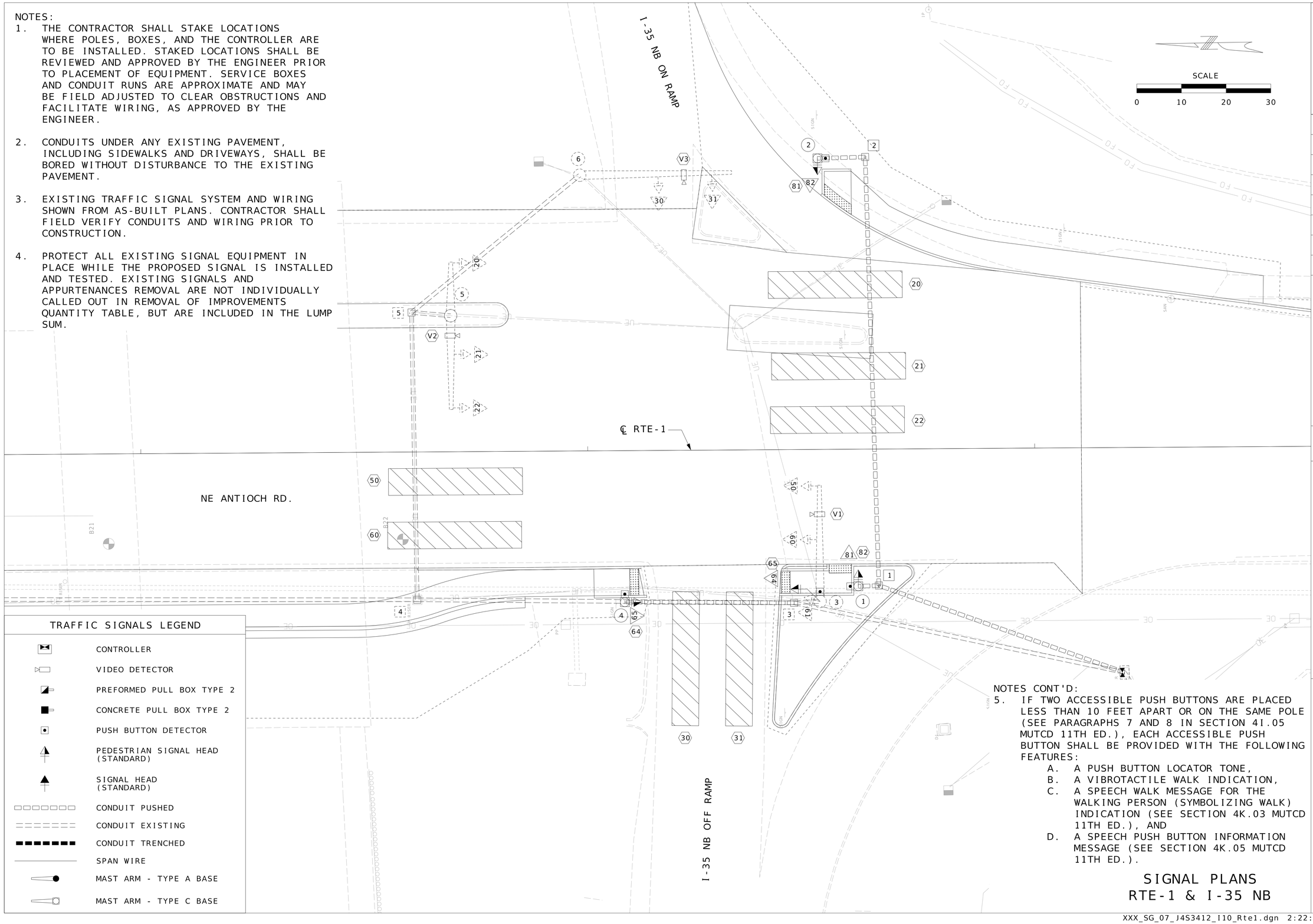
NOTES:

1. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

2. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

3. EXISTING TRAFFIC SIGNAL SYSTEM AND WIRING SHOWN FROM AS-BUILT PLANS. CONTRACTOR SHALL FIELD VERIFY CONDUITS AND WIRING PRIOR TO CONSTRUCTION.

4. PROTECT ALL EXISTING SIGNAL EQUIPMENT IN PLACE WHILE THE PROPOSED SIGNAL IS INSTALLED AND TESTED. EXISTING SIGNALS AND APPURTENANCES REMOVAL ARE NOT INDIVIDUALLY CALLED OUT IN REMOVAL OF IMPROVEMENTS QUANTITY TABLE, BUT ARE INCLUDED IN THE LUMP SUM.



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- VIDEO DETECTOR
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 2
- PUSH BUTTON DETECTOR
- PEDESTRIAN SIGNAL HEAD (STANDARD)
- SIGNAL HEAD (STANDARD)
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE

NOTES CONT'D:

5. IF TWO ACCESSIBLE PUSH BUTTONS ARE PLACED LESS THAN 10 FEET APART OR ON THE SAME POLE (SEE PARAGRAPHS 7 AND 8 IN SECTION 4I.05 MUTCD 11TH ED.), EACH ACCESSIBLE PUSH BUTTON SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
   - A. A PUSH BUTTON LOCATOR TONE,
   - B. A VIBROTACTILE WALK INDICATION,
   - C. A SPEECH WALK MESSAGE FOR THE WALKING PERSON (SYMBOLIZING WALK) INDICATION (SEE SECTION 4K.03 MUTCD 11TH ED.), AND
   - D. A SPEECH PUSH BUTTON INFORMATION MESSAGE (SEE SECTION 4K.05 MUTCD 11TH ED.).

SIGNAL PLANS
RTE-1 & I-35 NB

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	48

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 07-01-2018

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | C CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | II A | II B | II C | TOP MOUNT POST 8 FT. | 15 FT. | POST: TYPE C & CL ARM LENGTH A | A | A | A | SIGNAL SPACING B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL ARM LENGTH E | K | E | K | E | LEFT ARM E SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | RIGHT ARM K SIGNAL SPACING L | M | N | N' | SIGN SPACING L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

(1) NO DIRECT PAY FOR REQUIRED VIDEO DETECTOR CABLE. VIDEO DETECTOR CABLE SHALL BE INCLUDED AS INCIDENTAL TO THE FURNISHING AND INSTALLATION OF THE VIDEO DETECTION SYSTEM.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
⋈	1	58'							61'								PEDESTRIAN HEAD 81
1	1	5'							7'								PUSH BUTTON 81
1	2	90'							89'								PEDESTRIAN HEAD 82
2	2	11'							13'								PUSH BUTTON 82
3	4	38'							39'								PEDESTRIAN HEAD 64
																	PUSH BUTTON 64
																	PEDESTRIAN HEAD 65
																	PUSH BUTTON 65
																	VIDEO V-1
																	VIDEO V-2
																	VIDEO V-3
SUBTOTALS									209'								
TOTALS									209'								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	VIDEO CABLE (1)	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
⋈	1	63'				97'										PEDESTRIAN HEAD 81
⋈	1	63'			96'											PUSH BUTTON 81
⋈	2	159'				199'										PEDESTRIAN HEAD 82
⋈	2	159'			198'											PUSH BUTTON 82
⋈	3	82'				116'										PEDESTRIAN HEAD 64
⋈	3	82'			115'											PUSH BUTTON 64
⋈	4	114'				148'										PEDESTRIAN HEAD 65
⋈	4	114'			147'											PUSH BUTTON 65
⋈	V1	82'										(147')				VIDEO V-1
⋈	V2	235'										(297')				VIDEO V-2
⋈	V3	275'										(356')				VIDEO V-3
SUBTOTALS					556'	560'										
TOTALS					556'	560'										

INTERSECTION RTE. 1 AND I-35 NORTHBOUND

D-37B

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	50

COUNTY CLAY

JOB NO. KU0096

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)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER							
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EXISTING																					

NEMA DETECTOR ASSIGNMENT

CARD POSITION

		1	2	3	4	5	6	7	8
CHANNEL	1	KC DISTRICT VIDEO DETECTION SYSTEM (3)							
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
3**	R10-3EL	9 X 15	0.9	2.7**	3**
1**	R10-3ER	9 X 15	0.9	0.9**	1**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	3.6**	4**
			TOTAL	0	0

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
60, 50	SB ROUTE 1					V1
20, 21, 22	NB ROUTE 1					V2
30, 31	NB I-35					V3
64	SB ROUTE 1	1				
65	NB ROUTE 1	1				
81	WB CROSSING ROUTE 1	1				
82	EB CROSSING ROUTE 1	1				
TOTAL		4				

170 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U														
	L														
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARDWARE. TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) SEE VIDEO DETECTION SYSTEM JSP FOR ADDITIONAL DETAILS. SIGNAL DETECTION SHALL BE PAID AS 1 PER INTERSECTION. THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYSTEM FULLY COVERING DETECTION ZONES AS SHOWN ON THE PLANS. THE METHOD CHOSEN SHALL COMPLAY WITH MODOT'S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED IN THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S APPROVED PRODUCT LIST AND RECEIVE DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE SYSTEM, WITH ALL COSTS INCLUDED.

(4) CONTRACTOR SHALL COORDINATE WITH MODOT FOR ALL WORK.

170 OUTPUT FILE ASSIGNMENTS

FR1								MONITOR
FR2								
FR3								
FR4								

170 AUXILIARY OUTPUT FILE

FR5							
FR6							

RTE. 1 AND I-35 NORTHBOUND

INTERSECTION

D-37C

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	51

COUNTY: CLAY

JOB NO.: KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

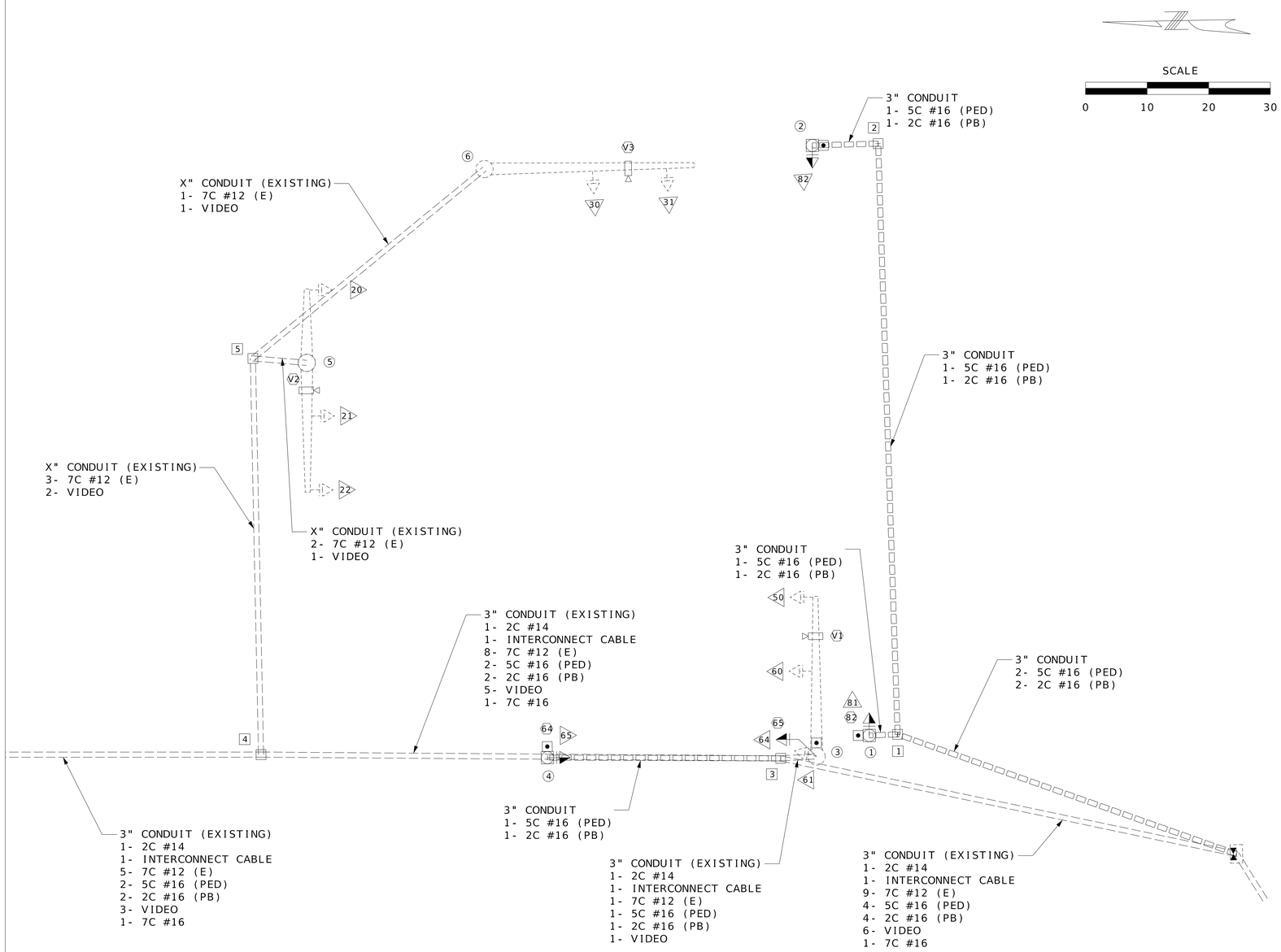
DATE

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

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Ter., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

NOTE: THIS WIRING DIAGRAM IS FOR INFORMATION ONLY.
ALL EXISTING WIRING AND CONDUIT INFORMATION IS FROM AS BUILT PLANS I-35-1(47) AND 5011_FAM 3314(406)
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND I-35 NORTHBOUND

INTERSECTION

D-37D

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	52

COUNTY: CLAY
JOB NO.: KU0096
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

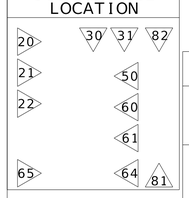
DESCRIPTION	DATE

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

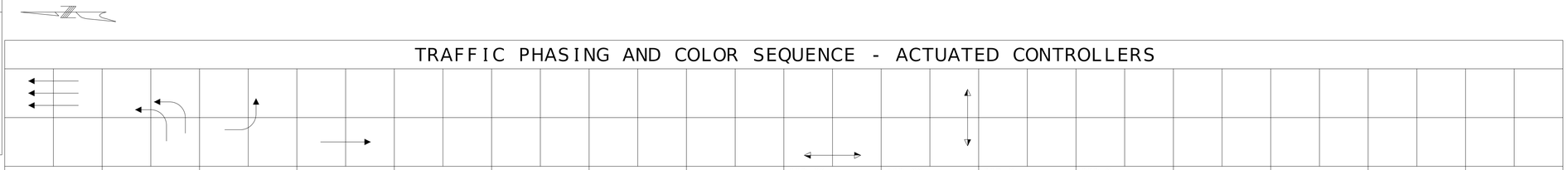
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EFFECTIVE: 12-01-2017

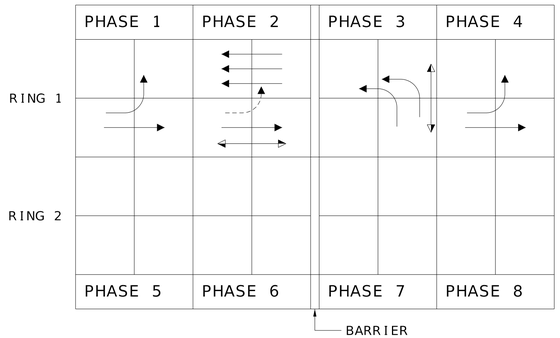
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 2	PHASE 3	PHASE 1	PHASE 4	PHASE	PHASE	PHASE	PHASE	PED Ø2	PED Ø3	PED Ø	PED Ø	
									OVERLAP	OVERLAP	OVERLAP	OVERLAP	
FACE NUMBERS	20 21 22	30 31	50	60 61					64 65	81 82			FACE NUMBERS
SIGNAL INDICATIONS R	R R R	R R	R	R R					W W	W W			R
SIGNAL INDICATIONS Y	Y Y Y	Y Y	Y	Y Y					DW DW	DW DW			Y
SIGNAL INDICATIONS FYA													FYA
SIGNAL INDICATIONS G	G G G	L L	L	G G									G
DETECTOR ASSIGNMENTS	20 21 22	30 31	50	60 61									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									64 65	81 82			
OVERLAP PARENT PHASES													



RING STRUCTURE

COORDINATE TRAFFIC PHASING WITH MODOT TRAFFIC ENGINEER

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
	FR
	FY

CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

RTE. 1 WITH I-35 NORTHBOUND

D-38A

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	53

COUNTY: CLAY

JOB NO.: KU0096

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)

WILSON &COMPANY
ENGINEERS & ARCHITECTS
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Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

SCALE

0 20 40 60

1190

EXIST. R/W

EXIST. R/W

EXIST. R/W

NE 44TH ST.

EXIST. R/W

EXIST. R/W

PROJECT J4S3412 PROJECT KU0096

YIELD

(UIP)

BK. TO BK.
(UIP)

ONE WAY

ONE WAY

(UIP)

ONE WAY

(UIP)

DO NOT
ENTER

NE ANTIOCH RD.

℄ RTE. 1 (NE ANTIOCH RD.)

MATCHLINE STA. 1194+90

EXIST. R/W

EXIST. ESMT.

EXIST.
R/W

EXIST. ESMT.

EXIST.
ESMT.

(UIP)

STA. 1194+31
REMOVE AND RELOCATE
WITH NEW POST AND FOOTING

STA. 1194+13
WITH NEW POST AND FOOTING

STA. 1194+40
REMOVE & REPLACE
WITH NEW POST AND FOOTING

SOUTH
INTERSTATE
35

BK. TO BK.

(RELOC)

1

2

YIELD

(REMOVE)

YIELD

R1-2

3

ONLY

(UIP)

SIGNING SHEET
1 OF 3

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	54

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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.	.
.	.
.	.
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.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

REV.

SCALE
0 20 40 60

15 FT. 1 IN. (UIP)

(UIP) SOUTH INTERSTATE 35 ONLY

(UIP) ONLY

(UIP) (REMOVE) YIELD

(UIP) (REMOVE)

NORTH INTERSTATE 35 (RELOC)

4

I-35 NB ENT. RAMP

STA. 1198+07
REMOVE AND RELOCATE
WITH NEW POST AND FOOTING

EXIST. R/W

1195

1200

MATCHLINE STA. 1194+90

MATCHLINE STA. 1200+30

EXIST. R/W

NE ANTIOCH RD.

℄ RTE. 1 (NE ANTIOCH RD.)

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

(UIP) 15 FT. 1 IN.

(UIP) NORTH INTERSTATE 35 ONLY

(UIP) NORTH INTERSTATE 35 Des Moines

I-35 NB EXIT RAMP

(UIP) YIELD

(UIP) DO NOT ENTER

(UIP) ONE WAY ONE WAY

BK. TO BK.

(UIP) STOP

SIGNING SHEET
2 OF 3

ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/2/2026
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	55
COUNTY	CLAY
JOB NO.	KU0096
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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PRO. ENGINEER 2010005873
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

055_SN_02_KU0096_I20_Rte1.dgn 8:25:49 AM 3/2/2026

SCALE

0 20 40 60

STOP
(UIP)

JCT
INTERSTATE
35
(UIP)

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

1205

℄ RTE. 1 (NE ANTIOCH RD.)

NE ANTIOCH RD.

EXIST. R/W

MATCHLINE STA. 1200+30

EXIST. R/W

1
SOUTH
(UIP)

SIGNING SHEET
3 OF 3

ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	56

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

REV.

056_SN_03_KU0096_I20_Rte1.dgn 8:26:08 AM 3/2/2026

EFFECTIVE: 07-01-2024

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-INCH POST						2.5-INCH POST						
																									ANCHORS						ANCHORS		
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO.	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO.	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO.	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO.	POST NO. 1	POST NO. 2	TOTAL ITEM NO.	DRIVEN 12 GA. ITEM NO.	DRIVEN 7 GA. ITEM NO.	CONCRETE 7 GA. ITEM NO.	POST NO. 1	POST NO. 2	TOTAL ITEM NO.	2.25" INSERT (6 FT) ITEM NO.	DRIVEN 7 GA. ITEM NO.	CONCRETE 7 GA. ITEM NO.	ITEM NO.	
						9031010						9031210					9031220					9031250A			9031270A	9031271A	9031273A	9031274			9031280	9031272A	9031281A	9031285	9031241	
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS		LF	LF	LF	EACH	EACH	EACH				EACH	EACH	EACH	EACH	
1	ASSEMBLY	1194+31		RT																			14				1								SOUTH PLAQUE STATE ROUTE SIGN RIGHT ARROW LEFT ARROW
2	ASSEMBLY	1194+13		RT																			14				1								PEDESTRIAN CROSSING 45° LEFT ARROW
3	48" TRI.	1194+40		RT																			14				1								YIELD SIGN
4	ASSEMBLY	1198+07		LT																			14				1								NORTH PLAQUE STATE ROUTE SIGN RIGHT ARROW
SUBTOTAL																																			
TOTAL																				**			28			6								

*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
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST					FOOTING									
POST DES. NO.	NOM. SIZE	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	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

SIGNING QUANTITY SHEET
1 OF 2

D-29

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	57

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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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)

Consult engineers Inc planners
911 NE 79th Street, Kansas City, MO 64158; (816)912-4720
Hg CONSULT, INC.
PRO. ENGINEER 2010005873

STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH		
			W16-7P	R1-2	W11-2
					
2	1194+31	RT	21" x 15"		36" x 36"
3	1194+40	RT		48" TRI	
TOTALS			1	1	1

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL SHT NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
W16-7P		1	21" x 15"		2.19		
R1-2		1	48" TRI	6.93			
W11-2		1	36" x 36"		9		
TOTALS				6.93	11.19		

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNING QUANTITY SHEET
2 OF 2

D-30

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/2/2026

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	58

COUNTY: CLAY

JOB NO.: KU0096

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)

Consult Inc engineers planners
9111 NE 79th Street, Kansas City, MO 64158, (816)912-4720
Hg CONSULT, INC.
PRO. ENGINEER 2010005873

SCALE

0 20 40 60

PAVEMENT MARKING LEGEND

S.W. = SOLID WHITE
S.Y. = SOLID YELLOW
D.S.Y. = DOUBLE SOLID YELLOW
I.W. = INTERMITTENT WHITE
D.W. = DOTTED WHITE
G.L. = WHITE GORE LINE

NOTES:

INTERMITTENT STRIPING SHALL CONSIST OF 10' LINE SEGMENTS AND 30' GAPS.
DOTTED STRIPING SHALL CONSIST OF 3' LINE SEGMENTS AND 9' GAPS.

ROUTE 1 PAVEMENT MARKING SHALL BE 4" CLASS 1 WITH TYPE P BEADS UNLESS OTHERWISE NOTED.

RAMP PAVEMENT MARKING SHALL BE 6" CLASS 2 WITH TYPE L BEADS UNLESS OTHERWISE NOTED.

1190

EXIST. R/W

EXIST. R/W

EXIST. R/W

NE 44TH ST.

EXIST. R/W

PROJECT J4S3412 PROJECT KU0096

STA. 1193+24.70
BEGIN D.S.Y.
BEGIN S.W.
MATCH PROJECT J4S3412

STA. 1193+80
BEGIN 100' OF 6" S.W. TO RAMP

EXIST. R/W

STA. 1194+51
END S.W.
RADIUS OF 4.4'

STA. 1194+31
BEGIN 69' OF 6" S.W.
BEGIN S.W.

STA. 1194+52
END S.W.
BEGIN 59' OF 6" S.W.
FROM EXIT RAMP

STA. 1194+65
BEGIN STOP BAR
BEGIN 46' OF 6" S.Y.
FROM EXIT RAMP

6" S.Y.

12'X 24" S.W. STOP BAR

I-35 SB OFF RAMP

STA. 1194+82
BEGIN S.W.
BEGIN STOP BAR

6" S.W.

S.W.

24"X36" WHITE YIELD TRIANGLES (4)

14'X 24" S.W. STOP BAR

D.S.Y.

S.W.

12'X 24" S.W. STOP BAR

12' LANE WIDTH

24" YELLOW HASH

NE ANTIOCH RD.

℄ RTE. 1 (NE ANTIOCH RD.)

S.W.

12' LANE WIDTH

±50

12' LANE WIDTH

±50

S.W.

6" S.W.

MATCHLINE STA. 1194+90

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

EXIST. ESMT.

24"X36" WHITE YIELD TRIANGLES (4)

24'X 24" S.W. STOP BAR

STA. 1193+98
BEGIN S.W.

STA. 1194+36
END D.S.Y.
END S.W.
BEGIN STOP BAR

STA. 1194+31
BEGIN 68' 6" S.W. TO RAMP

6 - 6'x24" PREFORMED S.W. MIDBLOCK

24"X36" WHITE YIELD TRIANGLES (4)

STA. 1194+60
END S.W.
BEGIN 25' 6" S.W. TO CROSSWALK

I-35 SB ON RAMP

STA. 1194+76
BEGIN 72' 6" S.Y.
FROM ENT. RAMP
BEGIN D.W.

6" S.Y.

STA. 1194+86
BEGIN S.W.
BEGIN STOP BAR

EXIST. R/W

PAVEMENT MARKING SHEET
1 OF 2

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/2/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	59

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV.	DESCRIPTION	DATE

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

Consult Inc engineers planners
Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

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SCALE
0 20 40 60

1195

MATCHLINE STA. 1194+90

12'X 24" S.W. STOP BAR
14' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
+92
+59
+26
+85
D.S.Y.
S.W.
6" S.Y.
STA. 1197+08
BEGIN 85' OF
6" S.Y. ON ENT. RAMP
I-35 NB ENT. RAMP
STA. 1196+78
END S.W.
BEGIN D.W.
STA. 1197+05
END S.W.
6" S.W.
16'X 24" S.W. STOP BAR
D.W.
24'X 24" S.W. STOP BAR
24'X 24" S.W. STOP BAR
STA. 1195+19
END STOP BAR
BEGIN D.S.Y.
BEGIN S.W.
END D.W.
STA. 1196+88
END D.S.Y.
END S.W.
BEGIN STOP BAR
STA. 1197+28
END D.W.
STA. 1197+16
BEGIN 80' OF 6" S.W. &
6" S.Y. FROM EXIT RAMP
BEGIN S.W. STOP BAR
6" S.Y.
6" S.W.
I-35 SB
I-35 NB
I-35 NB EXIT RAMP
12' LANE WIDTH
12' LANE WIDTH
STA. 1197+45
BEGIN 6" S.W.
STA. 1197+63
BEGIN S.W.
STA. 1197+10
BEGIN 6" S.W.
13 - 6'x24" PREFORMED S.W. MIDBLOCK
STA. 1197+63
BEGIN S.W.
BEGIN STOP BAR
STA. 1197+65
BEGIN S.W.
BEGIN S.W. STOP BAR
STA. 1197+69
BEGIN S.W.
END 6" S.W.
STA. 1197+83
END S.W.
+00
EXIST. R/W
EXIST. R/W
EXIST. R/W
12' LANE WIDTH
12' LANE WIDTH
S.W.
24" YELLOW HASH
3 @ 16'
+21
D.S.Y.
℄ RTE. 1 (NE ANTIOCH RD.)
NE ANTIOCH RD.
12' LANE WIDTH
STA. 1197+69
BEGIN D.S.Y.
RADIUS 6'
STA. 1197+83
END S.W.
STA. 1198+34
END S.W.
EXIST. R/W
STA. 1198+44
END 6" S.W.
BEGIN S.W.
STA. 1199+12
END S.W.
EXIST. R/W
EXIST. R/W
STA. 1199+41
END S.W.
END D.S.Y.
MATCH EXIST.
24"X36" WHITE YIELD TRIANGLES (5)
5 - 6'x24" PREFORMED S.W. MIDBLOCK
24'X 24" S.W. STOP BAR

1200

MATCHLINE STA. 1200+30

PAVEMENT MARKING SHEET
2 OF 2

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

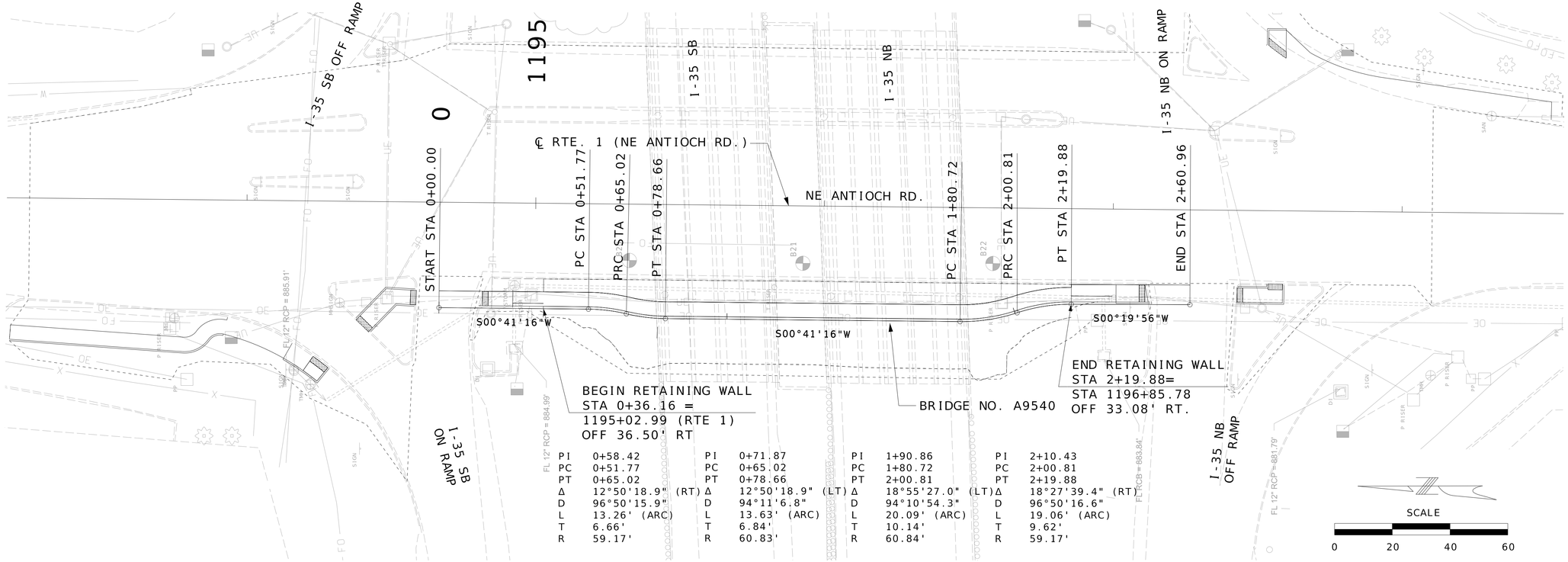
DATE PREPARED 3/2/2026
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 60
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

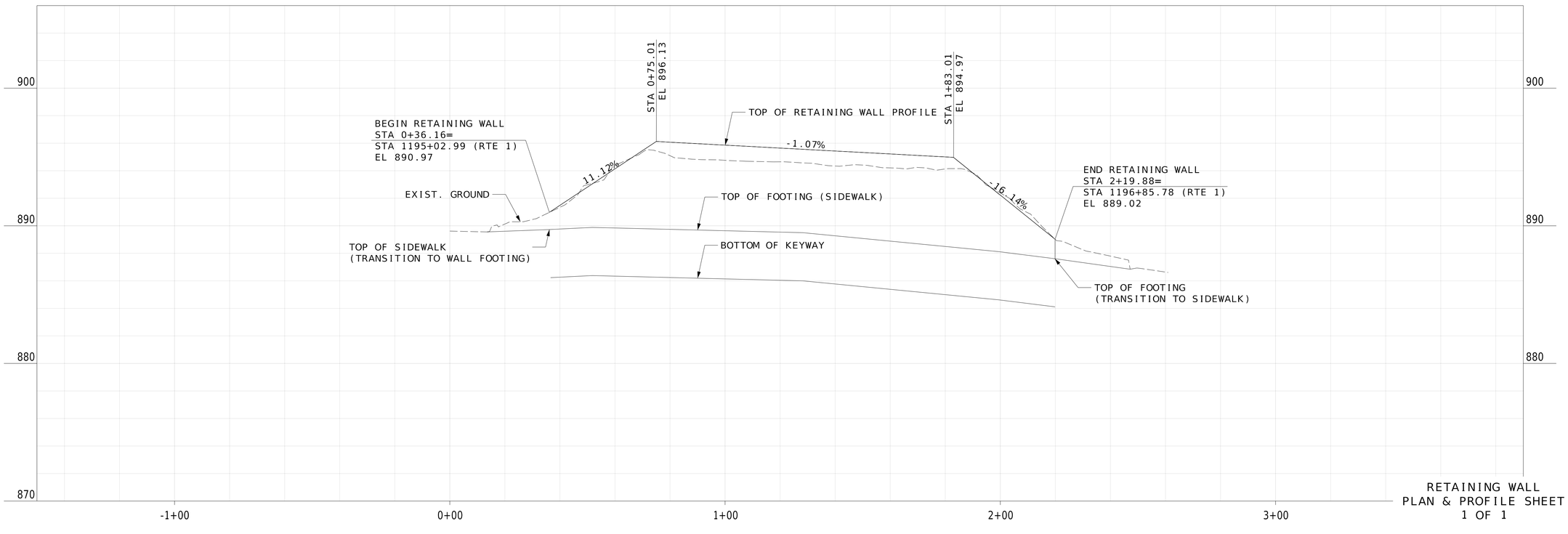
DESCRIPTION | DATE | REV.

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

060_PM_02_KU0096_I20_Rte1.dgn 8:47:27 AM 3/2/2026





RETAINING WALL
PLAN & PROFILE SHEET
1 OF 1

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/24/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	61

COUNTY
CLAY

JOB NO.
KU0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

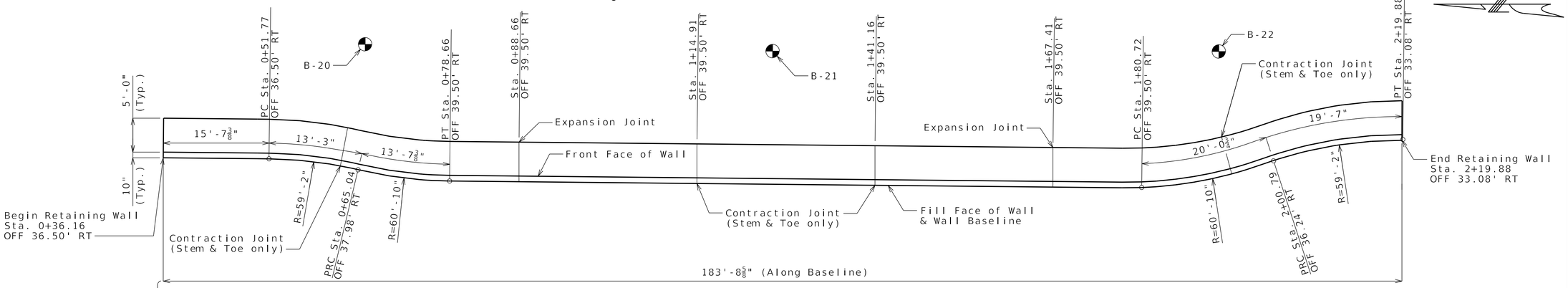
DESCRIPTION	DATE

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

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

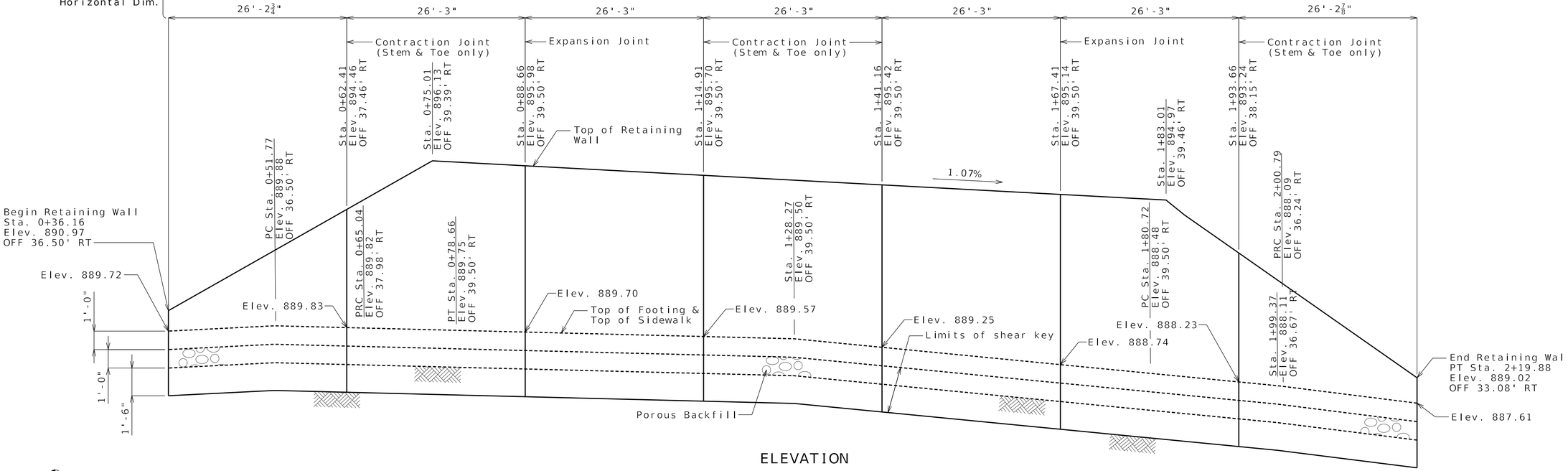
SEC/SUR 01 TWP 50N RGE 33W

183'-8 5/8" CAST-IN-PLACE CONCRETE RETAINING WALL



PLAN

Developed & Horizontal Dim.



ELEVATION

Indicates location of borings.

Notice and Disclaimer Regarding Boring Log Data

The locations of all subsurface borings for this structure are shown on the plan sheet(s) for this structure. The boring data for all locations indicated, as well as any other boring logs or other factual records of subsurface data and investigations performed by the department for the design of the project, are shown on Sheet(s) No. 6 & 7 and may be included in the Electronic Bridge Deliverables. They will also be available from the Project Contact upon written request. No greater significance or weight should be given to the boring data depicted on the plan sheets than is given to the subsurface data available from the district or elsewhere.

The Commission does not represent or warrant that any such boring data accurately depicts the conditions to be encountered in constructing this project. A contractor assumes all risks it may encounter in basing its bid prices, time or schedule of performance on the boring data depicted here or those available from the district, or on any other documentation not expressly warranted, which the contractor may obtain from the Commission.

Notes:

Dimensions in Plan view are taken from the baseline of wall.

Baseline of Wall is at the fill face of the wall.

Stationing of Wall is along fill face of the wall.

Offset is set from ℄ of Rte. 1.

RETAINING WALL ALONG WEST SIDE OF ROUTE 1

INTERSECTION OF ROUTE 1 (NE ANTIOCH RD.) & I-35
TIE.STATION 1195+02.99 (ROUTE 1)

Designed Feb. 2026
Detailed Mar. 2026
Checked Mar. 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	1

COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. A9540

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

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

Foundation Material		
Type	Design Data	A9540
Spread Footing	Foundation Material	Lean Clay
	Minimum Nominal Bearing Resistance ksf	3.64

Estimated Quantities		
Item		Total
Class 1 Excavation	cu. yard	262
Porous Backfill	cu. yard	52
Porous Backfill (Grade 3)	cu. yard	41
Structural Underdrain	linear foot	184
Subsurface Drainage Geotextile	sq. yard	259
Class B Concrete (Retaining Wall)	cu. yard	85.3
Reinforcing Steel (Epoxy Coated)	pound	8,650

No Class 1 Excavation will be paid for above lower limits of roadway excavation.

General Notes:

Design Speicifications:
2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)
Seismic Design Category = A (Seismic Zone 1)
Design earthquake response spectral acceleration coefficient at 1.0 second period, SD1 < 0.15 = 0.06
Acceleration Coefficient (effective peak ground acceleration coefficient), As = 0.04

Design Loading:
Earth = 120 lb/cf
Equivalent Fluid Pressure = 90 lb/cf
No Live Load Surcharge
∅ = 27° (Retained Material and Foundation Material)

Design Unit Stresses:
Class B Concrete (Retaining Wall) f'c = 3,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Joint Filler:
All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be 6-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 6-inch diameter corrugated polyethylene (PE) drain pipe.

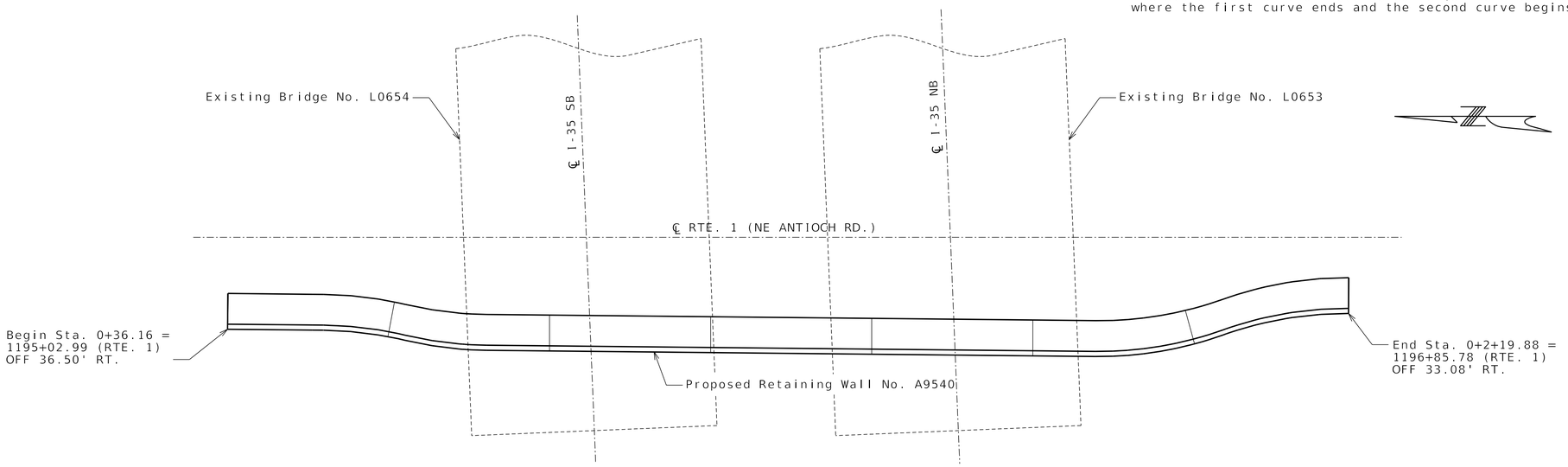
Perforated pipe shall be placed as shown and exit at ground line.

* See Standard 609.00R for Type B Gutter Details

PT stands for Point of Tangency, which marks the specific location where a horizontal curve ends and transitions back to a straight line (tangent).

PC stands for Point of Curvature, which is the spot where a straight line (tangent) ends and a horizontal curve begins.

PRC stands for Point of Reverse Curve (or Reversed Curvature), the point where the first curve ends and the second curve begins.



LOCATION SKETCH

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	2

COUNTY CLAY

JOB NO. KU0096

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. A9540

DESCRIPTION	DATE
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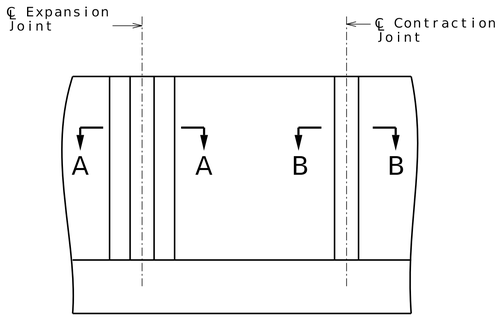
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

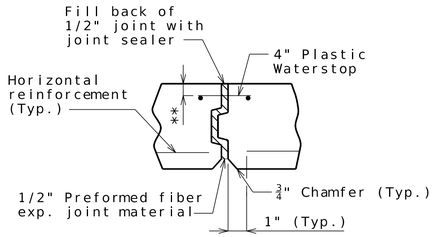
Detailed Feb. 2026
Checked Feb. 2026

Note: This drawing is not to scale. Follow dimensions.

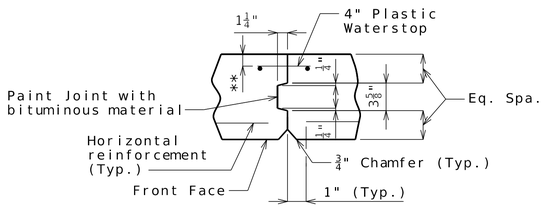
B_002_A9540_GENERAL_NOTES.dgn 4:55:58 PM 3/19/2026



PART ELEVATION SHOWING JOINTS



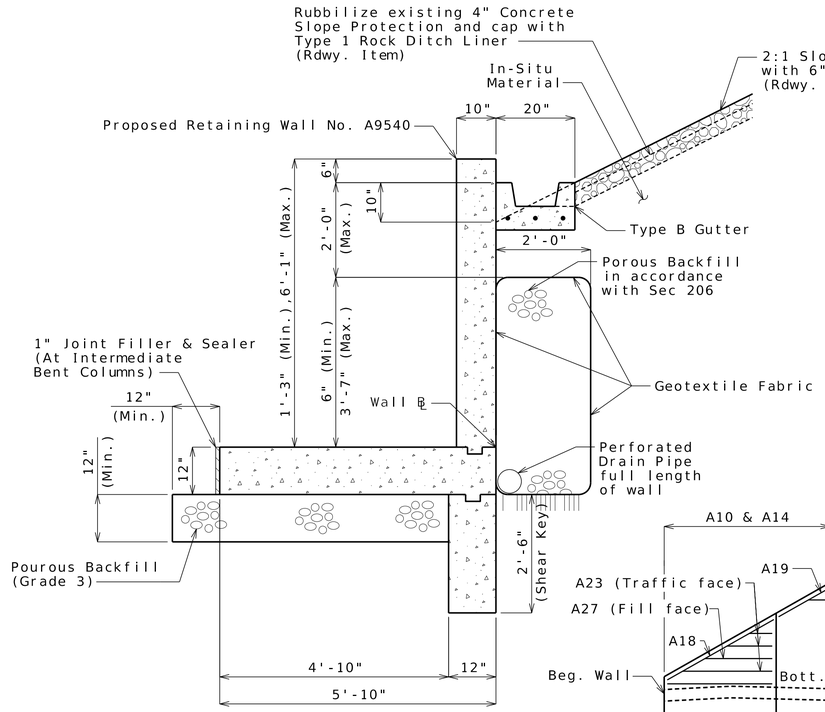
SECTION A-A
(Expansion Joint)



SECTION B-B
(Contraction Joint)

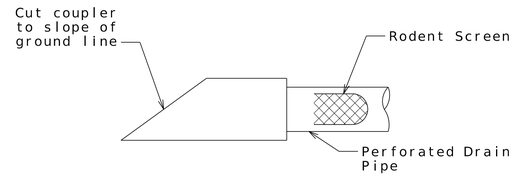
** Use 4" (Max.) adjust for "L" walls or minimum stem thickness (2" min.)

Note: Cost of plastic waterstop, complete-in-place,
will be considered completely covered by the contract unit price for Class B Concrete (Retaining Walls).

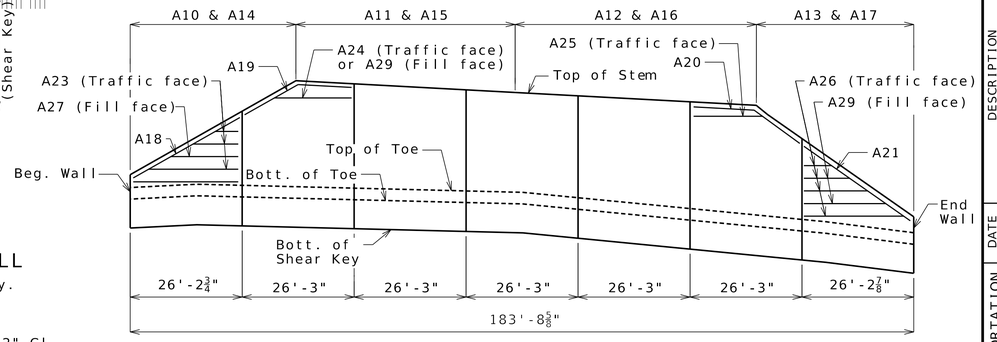


TYPICAL SECTION THRU WALL

Reinforcement not show for clarity.

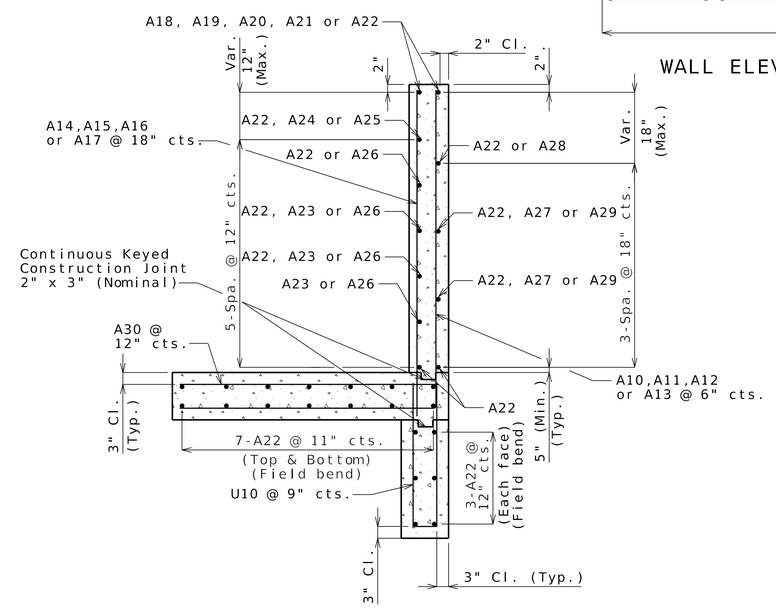


PERFORATED DRAIN PIPE END DETAIL



WALL ELEVATION (VARIABLE REINFORCEMENT LOCATION)

Reinforcement not show for clarity.



RETAINING WALL REINFORCEMENT

CAST-IN-PLACE CONCRETE RETAINING WALL DETAILS

Detailed Feb. 2026
Checked Feb. 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

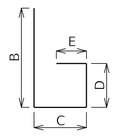
DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	3

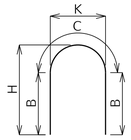
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. A9540

DESCRIPTION	DATE
.	.

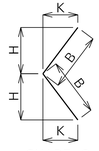
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS



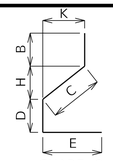
SHAPE 6
or 6S



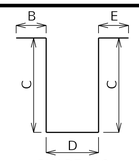
SHAPE 7



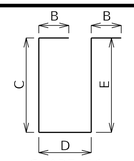
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or 8S



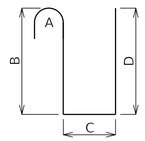
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or 9S



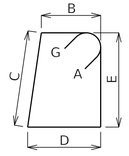
SHAPE 10
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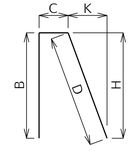
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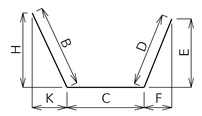
SHAPE 12



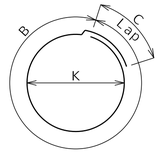
SHAPE 13S



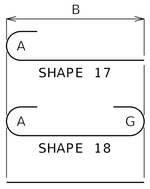
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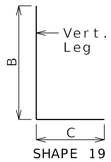
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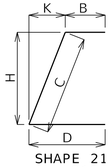
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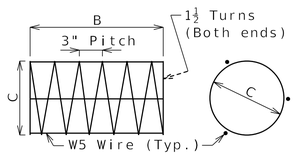
SHAPE 17
SHAPE 18
SHAPE 20



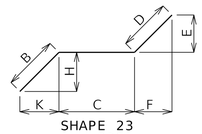
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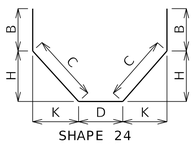
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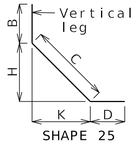
SHAPE 22



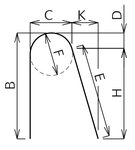
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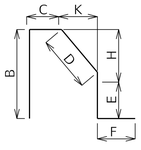
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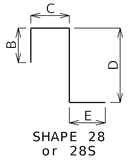
SHAPE 25
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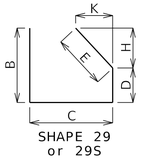
SHAPE 26



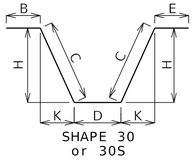
SHAPE 27S



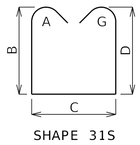
SHAPE 28
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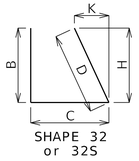
SHAPE 29
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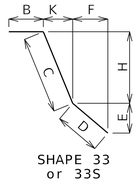
SHAPE 30
or 30S



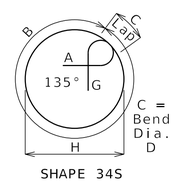
SHAPE 31S



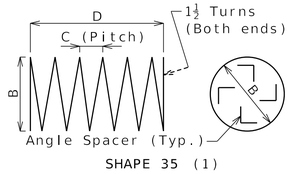
SHAPE 32
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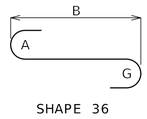
SHAPE 33
or 33S



SHAPE 34S



SHAPE 35 (1)



SHAPE 36

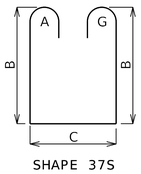
All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

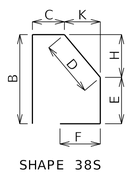
Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.



SHAPE 37S



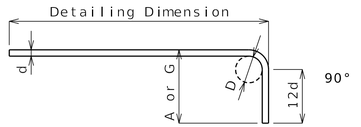
SHAPE 38S

BENDING DIAGRAMS

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"

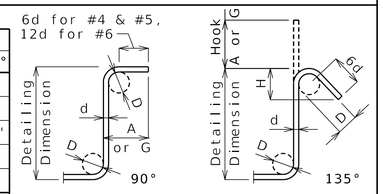


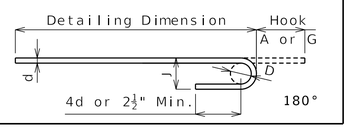
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Reinforcing Steel Totals (Pounds)

	Size	Wall	
		Plain	Epoxy
By Size	W5	0	0
	4	8,654	0
	5	0	0
	6	0	0
	7	0	0
By Type		8,654	0

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

BILL OF REINFORCING STEEL

Note: This drawing is not to scale. Follow dimensions.

Detailed Feb, 2026
Checked Feb, 2026

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	4

COUNTY CLAY

JOB NO. KU0096

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. A9540

DATE	DESCRIPTION
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes E	SH	V	No.Ea.	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
		Retaining Wall														
77	4 A10	STEM & FOOTING	E	19 S	V	1	6 10.00	5 6.000						12 4	12 3	
		INCREMENT =					2 1.000	5 6.000						7 7	7 6	508
		0.875 INCH														
107	4 A11	STEM & FOOTING	E	19 S	V	27	6 11.00	5 6.000						12 5	12 4	
		INCR. = 1.0 INCH					6 7.250	5 6.000						12 1	12 0	870
109	4 A12	STEM & FOOTING	E	19 S	V	18	7 1.000	5 6.000						12 7	12 6	
		INCR. = 1.0 INCH					6 7.375	5 6.000						12 1	12 0	892
74	4 A13	STEM & FOOTING	E	19 S	V	1	7 1.000	5 6.000						12 7	12 6	
		INCREMENT =					21.125	5 6.000						7 3	7 2	486
		0.875 INCH														
26	4 A14	STEM	E	20	V	1	7 0.000							7 0	7 0	
		INCR. = 2.5 INCH					21.50							1 10	1 10	77
35	4 A15	STEM	E	20	V	7	7 1.000							7 1	7 1	
		INCREMENT =					6 9.000							6 9	6 9	162
		0.75 INCH														
37	4 A16	STEM	E	20	V	6	7 3.000							7 3	7 3	
		INCREMENT =					6 9.375							6 9	6 9	173
		1.125 INCH														
24	4 A17	STEM	E	20	V	1	7 1.000							7 1	7 1	
		INCREMENT =					2 1.000							2 1	2 1	73
		2.375 INCH														
2	4 A18	WALL	E	20			26 2.000							26 2	26 2	35
2	4 A19	WALL	E	21 S			13 6.000	12 4.875				21.375	12 3.375	25 11	22 9	30
2	4 A20	WALL	E	21 S			10 8.000	15 5.125				2 4.000	15 3.000	26 1	23 1	31
2	4 A21	WALL	E	20			26 5.000							26 5	26 5	35
197	4 A22	WALL,FOOT. & KEY	E	20			26 0.000							26 0	26 0	3421
3	4 A23	WALL	E	20	V	1	23 4.000							23 4	23 4	
		INCREMENT =					2 3.000							2 3	2 3	26
		10'-6 1/2"														
1	4 A24	WALL	E	20			19 1.000							19 1	19 1	13
1	4 A25	WALL	E	20			22 2.000							22 2	22 2	15
1	4 A26	WALL	E	20			24 10.00							24 10	24 10	
		INCR. = 7'-4"					2 10.00							2 10	2 10	9
2	4 A27	WALL	E	20	V	1	19 3.000							19 3	19 3	
		INCR. = 12'-3"					7 0.000							7 0	7 0	18
1	4 A28	WALL	E	20			22 9.000							22 9	22 9	15
2	4 A29	WALL	E	20	V	1	21 1.000							21 1	21 1	
		INCR. = 10'-11"					10 2.000							10 2	10 2	21
184	4 A30	FOOTING	E	20			5 6.000							5 6	5 6	676
246	4 U10	SHEAR KEY	E	10 S				3 1.000	6.000					6 8	6 6	1068

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

For bending diagrams and steel reinforcing totals, see Sheet No. 4.

Detailed Feb. 2026
Checked Feb. 2026

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

BILL OF REINFORCING STEEL

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 5 of 7

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	5

COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. A9540

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)

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

Missouri Department of Transportation
Construction and Materials

BORING NO. B-20
Page 1 of 1

Job No.: KU0096 **County:** Clay **Route:** 1
Design: **Skew:** **Location:** Below I-35
Bent: **Logged By:** JDH (Geotechnology, LLC) **Operator:** BCS (Geotechnology, LLC)
Station: **Northing:** 1094806.27 **Date of Work:** 09/11/23-09/11/23
Offset: **Easting:** 2775059.59 **Depth to Water:**
Elevation: 890.2 **Requested Northing:** **Depth Hole Open:**
Requested Station: **Requested Easting:** **Time Change:**
Requested Offset: **Equipment:** CME 550X ,Shelby Tube, Split-Spoon Sampler
Requested Elevation: **Location Note:**
Drill No.: S/N 357883 **Hammer Efficiency:** 82% **Drilling Method:** Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N_{60})	Shear Data	Field Tests	Index Tests
0		0.0-0.6' ASPHALT - 7 inches	890						
		0.6-1.5' CONCRETE - 10.5 inches							
		1.5-1.7' GRANULAR BASE - 3 inches							
		1.7-3.3' FILL - gray and brown, lean clay, soft			50	3-1-2 (4)			MC = 27.5%
		3.3-13.0' CLAY - brown, medium stiff to stiff, lean, some sand, trace gravel - (CL)			78	2-3-5 (11)			MC = 23.2%
5			885						
					100		Qu Test Results UCS = 2.30 ksf MC = 20.7% γ_{moist} = 130.2 pcf Direct Shear Results Phi' = 32° c' = 353 psf		LL = 42 PL = 17 MC = 20.5%
					100	3-4-3 (10)			MC = 24.8%
10		11.0' damaged tube (rock fragments)	880						
					83				
		13.0-15.0' Weathered SHALE			100	8-12-18 (41)			MC = 14.8%
15		Bottom of borehole at 15.0 feet.							

N_{60} = (Em/60)Nm N_{60} - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value; (1) = Assumed, (2) = Actual

Coordinate System: **Coordinate Zone:** **Coordinate Proj. Factor:**
Coordinate Datum: NAVD88 **Coordinate Units:** U.S. Survey Feet

* Persons using this information are cautioned that the materials shown are determined by the equipment noted and accuracy of the "log of materials" is limited thereby and by judgement of the operator. THIS INFORMATION IS FOR DESIGN PURPOSES ONLY.

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Missouri Department of Transportation
Construction and Materials

BORING NO. B-21
Page 1 of 1

Job No.: KU0096 **County:** Clay **Route:** 1
Design: **Skew:** **Location:** Below I-35
Bent: **Logged By:** JDH (Geotechnology, LLC) **Operator:** BCS (Geotechnology, LLC)
Station: **Northing:** 1094746.18 **Date of Work:** 09/11/23-09/11/23
Offset: **Easting:** 2775058.47 **Depth to Water:** 10.0
Elevation: 889.6 **Requested Northing:** **Depth Hole Open:**
Requested Station: **Requested Easting:** **Time Change:**
Requested Offset: **Equipment:** CME 550X ,Shelby Tube, Split-Spoon Sampler
Requested Elevation: **Location Note:**
Drill No.: S/N 357883 **Hammer Efficiency:** 82% **Drilling Method:** Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N_{60})	Shear Data	Field Tests	Index Tests
0		0.0-0.7' ASPHALT - 8 inches							
		0.7-1.6' CONCRETE - 11.25 inches							
		1.6-3.5' FILL - gray and brown fat clay, granular base course, medium stiff			69	2-2-4 (8)			LL = 57 PL = 23 MC = 22.2%
		3.5-11.5' CLAY - brown, very stiff to soft, fat, some sand, trace gravel - (CH)	885		96		Qu Test Results UCS = 5.38 ksf MC = 22.7% γ_{moist} = 130.1 pcf Direct Shear Results Phi' = 27° c' = 268 psf		LL = 52 PL = 21 MC = 23.0%
5									
					100	3-5-2 (10)			MC = 24.0%
					54		Qu Test Results UCS = 0.820 ksf MC = 21.5% γ_{moist} = 127.8 pcf		MC = 21.8%
10	▽		880						
		11.5-15.0' CLAY - brown, stiff to very stiff, some sand and fine gravel, lean - CL			100	3-5-9 (19)			MC = 21.1%
			875		100	6-10-16 (36)			MC = 16.5%
15		Bottom of borehole at 15.0 feet.							

N_{60} = (Em/60)Nm N_{60} - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value; (1) = Assumed, (2) = Actual

Coordinate System: **Coordinate Zone:** **Coordinate Proj. Factor:**
Coordinate Datum: NAVD88 **Coordinate Units:** U.S. Survey Feet

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BORING DATA

Detailed Mar. 2026
Checked Mar. 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/19/2026
ROUTE 1 | STATE MO
DISTRICT BR | SHEET NO. 6
COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. A9540

DESCRIPTION | DATE

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

WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Ter., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

Missouri Department of Transportation
Construction and Materials

BORING NO. B-22
Page 1 of 1

Job No.: KU0096 **County:** Clay **Route:** 1
Design: **Skew:** **Location:** Below I-35
Bent: **Logged By:** JDH (Geotechnology, LLC) **Operator:** BCS (Geotechnology, LLC)
Station: **Northing:** 1094680.37 **Date of Work:** 09/11/23-09/11/23
Offset: **Easting:** 2775058.29 **Depth to Water:**
Elevation: 888.6 **Requested Northing:** **Depth Hole Open:**
Requested Station: **Requested Easting:** **Time Change:**
Requested Offset: **Equipment:** CME 550X ,Shelby Tube, Split-Spoon Sampler
Requested Elevation: **Location Note:**
Drill No.: S/N 357883 **Hammer Efficiency:** 82% **Drilling Method:** Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N_{60})	Shear Data	Field Tests	Index Tests
0		0.0-0.7' ASPHALT - 8 inches							
		0.7-1.5' CONCRETE - 9.5 inches							
		1.5-1.7' GRANULAR BASE - 2.5 inches							
		1.7-5.5' FILL - gray and brown fat clay, granular base course, medium stiff to very stiff			50	2-3-2 (7)			MC = 26.2%
			885		94		Qu Test Results UCS = 5.22 ksf MC = 18.1% γ_{most} = 132.5 pcf Direct Shear Results Phi' = 11° c' = 664 psf		LL = 53 PL = 24 MC = 18.0%
5		5.5-12.0' CLAY - gray and brown, stiff, fat - CH							
					79		Qu Test Results UCS = 2.54 ksf MC = 35.2% γ_{most} = 124.2 pcf		MC = 26.0%
			880						
					100	3-3-9 (16)			MC = 22.2%
10		9.7' shaley							
		12.0-15.0' Weathered SHALE							
			875						
					100	15-24-28 (71)			MC = 16.0%
15		Bottom of borehole at 15.0 feet.							

N_{60} = (Em/60)Nm N_{60} - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value; (1) = Assumed, (2) = Actual

Coordinate System: **Coordinate Zone:** **Coordinate Proj. Factor:**
Coordinate Datum: NAVD88 **Coordinate Units:** U.S. Survey Feet

* Persons using this information are cautioned that the materials shown are determined by the equipment noted and accuracy of the "log of materials" is limited thereby and by judgement of the operator. THIS INFORMATION IS FOR DESIGN PURPOSES ONLY.

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BORING DATA

Detailed Mar. 2026
Checked Mar. 2026

Note: This drawing is not to scale. Follow dimensions.

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STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/19/2026

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
BR	7

COUNTY CLAY
JOB NO. KU0096
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. A9540

DESCRIPTION . . . . . .
DATE . . . . . .

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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