MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

CLAY COUNTY

DESIGN DESIGNATION

STA. 1009+70.00 TO 1061+72.27
LOG MILE 1.749 TO 2.742

A.A.D.T. - 2025 =	22,599
A.A.D.T. - 2045 =	24,766
D.H.V. =	7%
T =	8%
V =	40 M.P.H.
D =	52%

STA. 1061+72.27 TO 1147+41.50
LOG MILE 2.742 TO 4.363

A.A.D.T. - 2025 =	25,784
A.A.D.T. - 2045 =	24,084
D.H.V. =	7%
T =	12%
V =	40 M.P.H.
D =	55%

STA. 1147+41.50 TO 1193+24.70
LOG MILE 4.363 TO 5.232

A.A.D.T. - 2025 =	18,044
A.A.D.T. - 2045 =	17,954
D.H.V. =	7%
T =	7%
V =	40 M.P.H.
D =	54%

FUNCTIONAL CLASSIFICATION-PRINCIPAL ARTERIAL

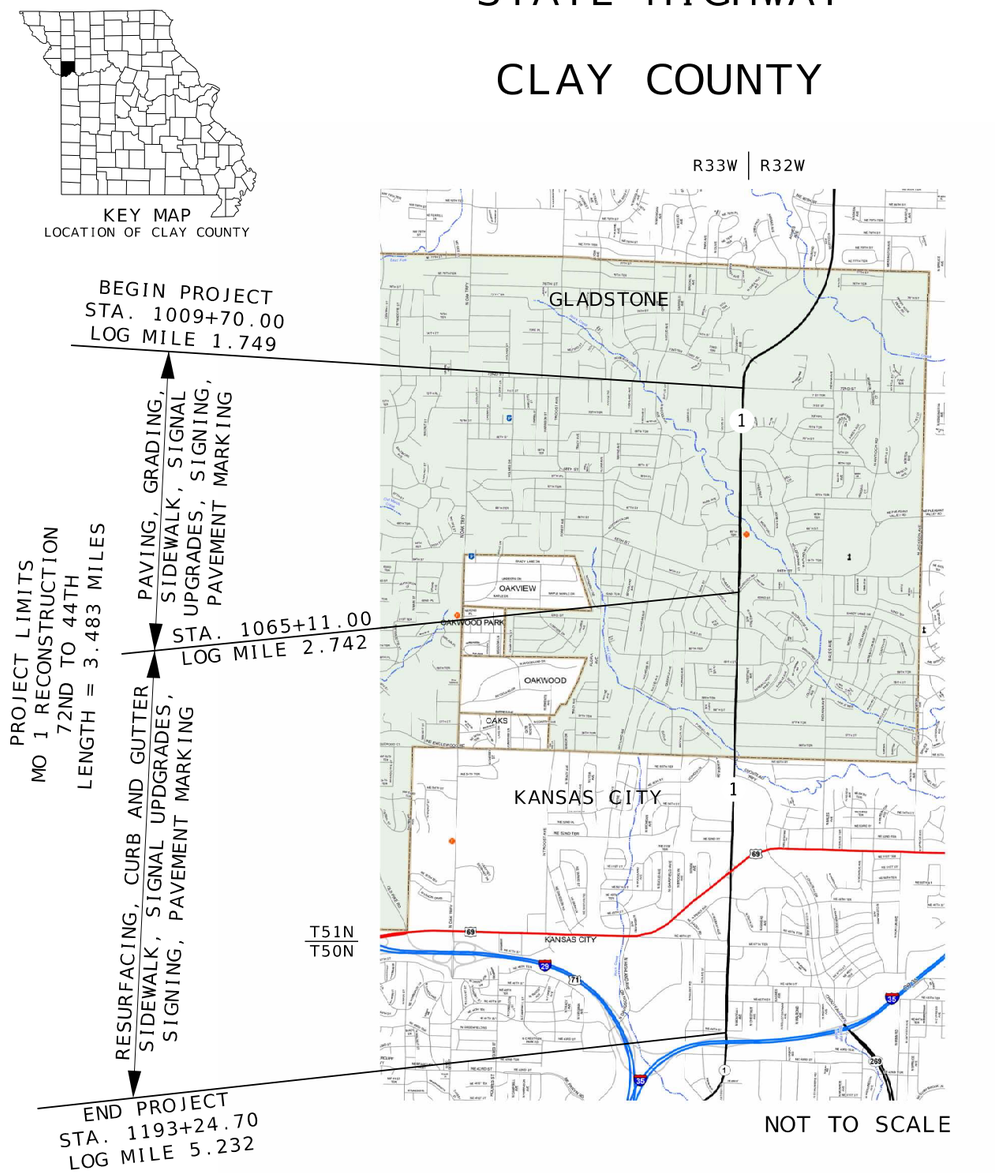
NO RIGHT-OF-WAY ACQUISITION

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		
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

KEY MAP
LOCATION OF CLAY COUNTY



THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES, 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, OR OMMISSION 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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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HORIZONTAL CONTROL (HC)	45-69
REFERENCE POINTS (RP)	70
COORDINATE POINTS (CP)	71
SPECIAL SHEETS (SS)	
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ENTRANCE PLAN-PROFILE (SS)	80-98
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INLET DETAILS (SS)	109-110
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LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	1009+70.00
END OF PROJECT	STA.	1193+24.70
APPARENT LENGTH		18,352.24 FEET
EQUATIONS AND EXCEPTIONS:		N/A
TOTAL CORRECTIONS		0.00 FEET
NET LENGTH OF PROJECT		18,352.24 FEET
STATE LENGTH		3.483 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		6 ACRES

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	1

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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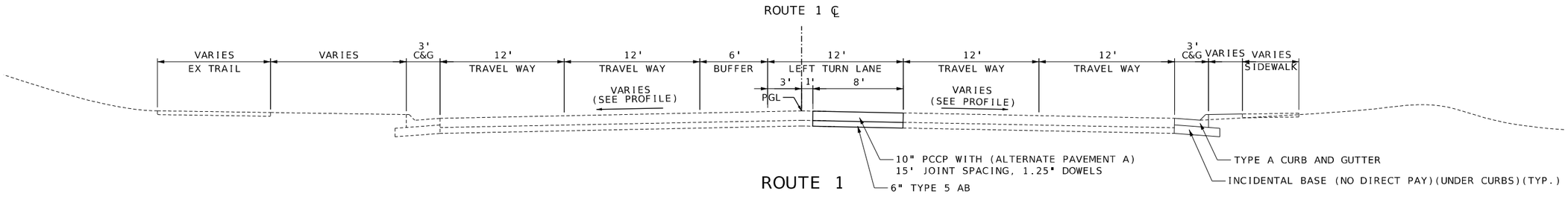
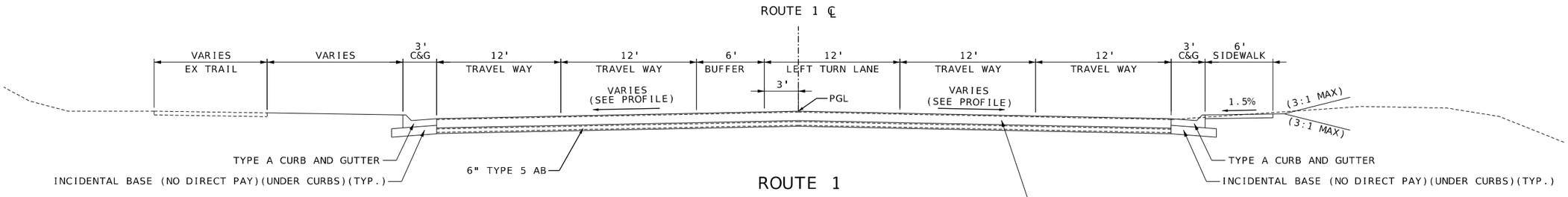
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

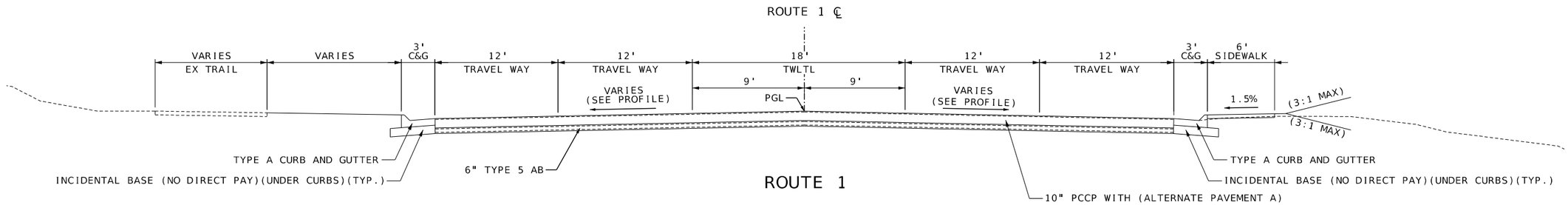
STA. 1009+70.00 TO STA. 1010+50.00



ROUTE 1

STA. 1010+50.00 TO STA. 1013+19.45
STA. 1021+80.00 TO STA. 1023+79.05

LANE TRANSITION: STA. 1013+19.45 TO 1014+65.25
LANE TRANSITION: STA. 1023+79.05 TO 1024+68.94



ROUTE 1

STA. 1014+65.25 TO STA. 1016+73.19

LANE TRANSITION: STA. 1016+73.19 TO 1018+46.17

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. EARTHWORK QUANTIITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE SECTION

ALTERNATE PAVEMENT A

TYPICAL SECTIONS
ROUTE 1
SHEET 1 OF 12

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

DATE PREPARED: 3/28/2025
ROUTE: 1
STATE: MO
DISTRICT: KC
SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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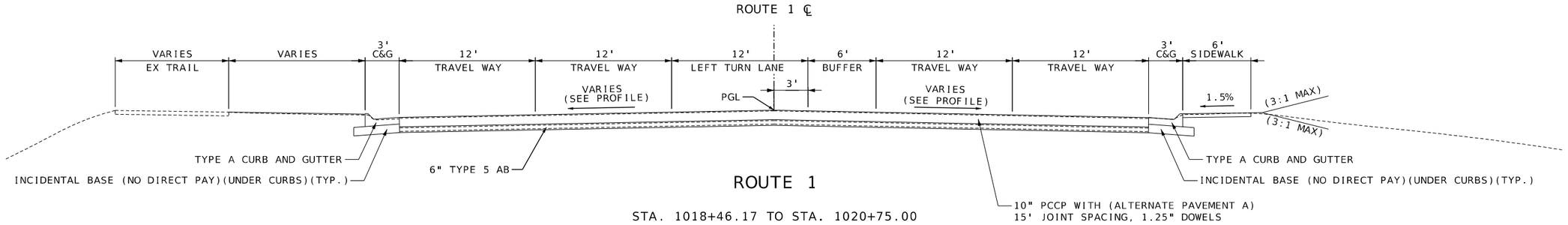
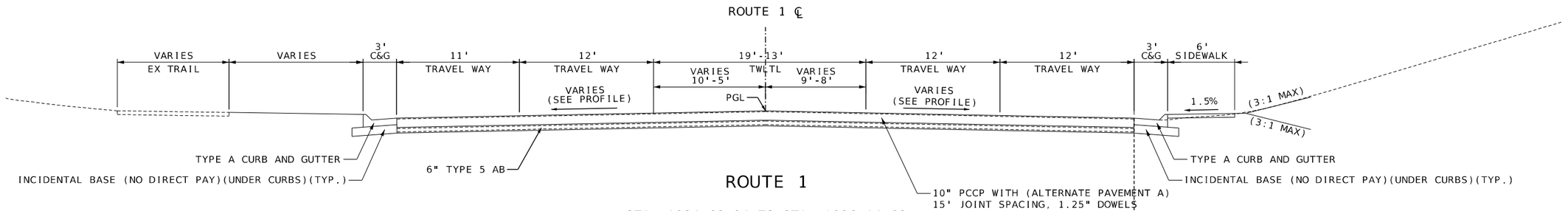


ROUTE 1

STA. 1018+46.17 TO STA. 1020+75.00

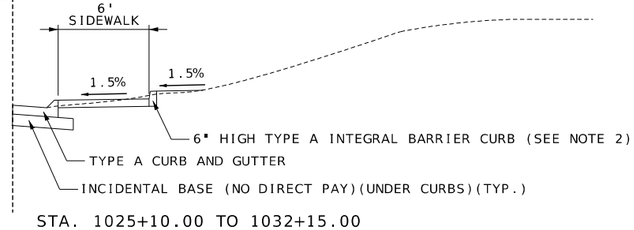
LANE TRANSITION: STA. 1020+75.00 TO STA. 1021+80.00



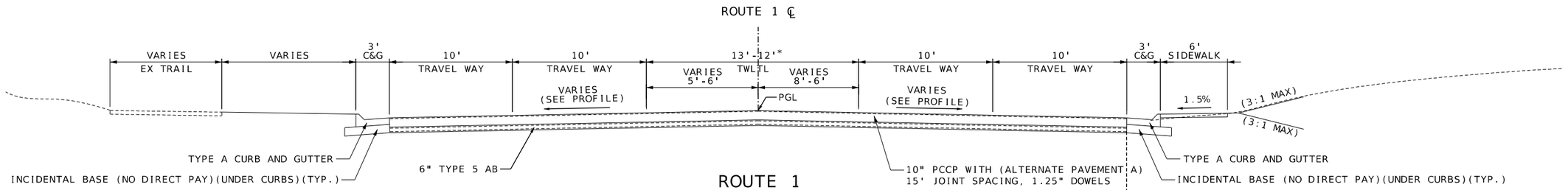
ROUTE 1

STA. 1024+68.94 TO STA. 1026+14.68

*LANE TRANSITION: 1026+14.68 TO 1027+29.35



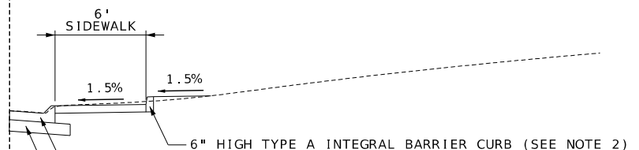
STA. 1025+10.00 TO 1032+15.00



ROUTE 1

STA. 1027+29.35 TO STA. 1032+14.99

*LANE TRANSITION: STA. 1030+14.99 TO STA. 1032+14.99



STA. 1025+10.00 TO 1032+15.00

ALTERNATE PAVEMENT A

NOTE:
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2. THE CONTRACTOR SHALL COORDINATE WITH THE MODOT REPRESENTATIVE IN THE FIELD TO DETERMINE IF INTEGRAL BARRIER CURB IS REQUIRED
3. EARTHWORK QUANTIITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE SECTION

TYPICAL SECTIONS
ROUTE 1
SHEET 2 OF 12

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

DATE PREPARED: 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

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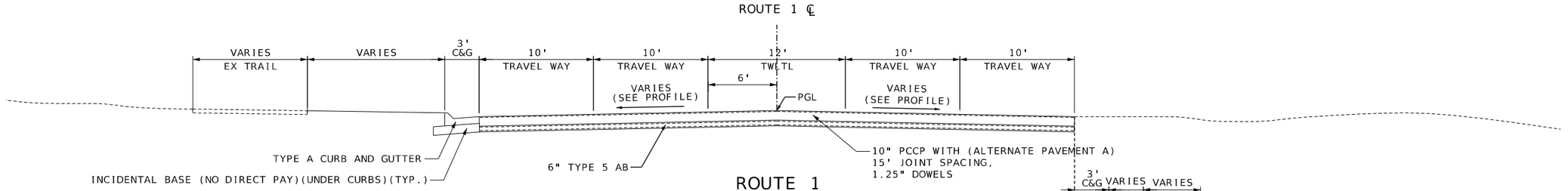
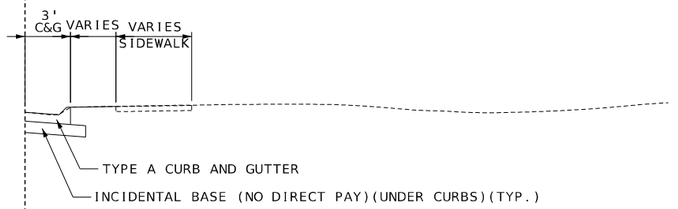


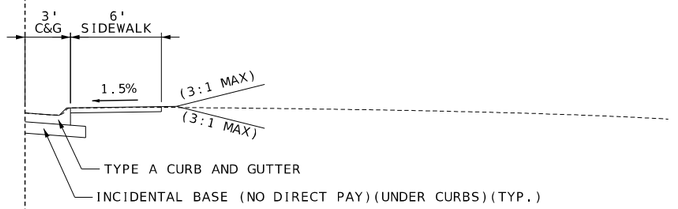
ROUTE 1

STA. 1032+14.99 TO 1053+81.84

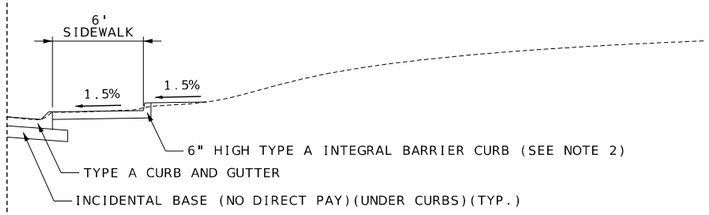
LANE TRANSITION: STA. 1053+81.84 TO 1056+35.43



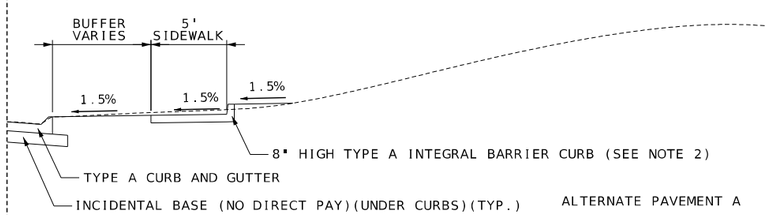
STA. 1032+31.58 TO 1044+85.02



STA. 1044+85.02 TO 1053.81.84



STA. 1046+50.00 TO 1047+80.00



STA. 1052+26.09 TO 1052+90.00

ALTERNATE PAVEMENT A

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. THE CONTRACTOR SHALL COORDINATE WITH THE MODOT REPRESENTATIVE IN THE FIELD TO DETERMINE IF INTEGRAL BARRIER CURB IS REQUIRED
3. EARTHWORK QUANTIITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE SECTION

TYPICAL SECTIONS
ROUTE 1
SHEET 3 OF 12

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY
CLAY

JOB NO.
J4S3412

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
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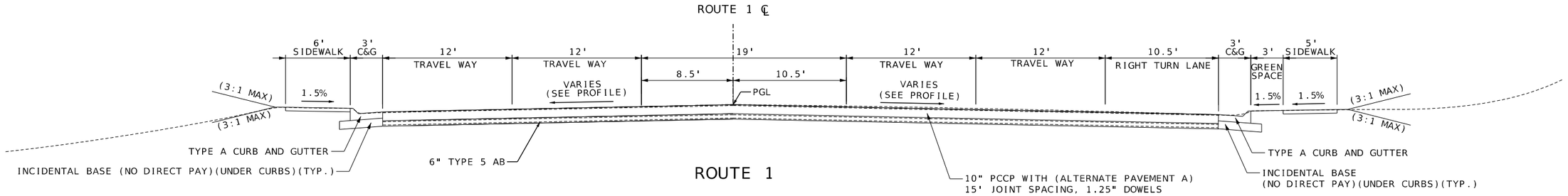
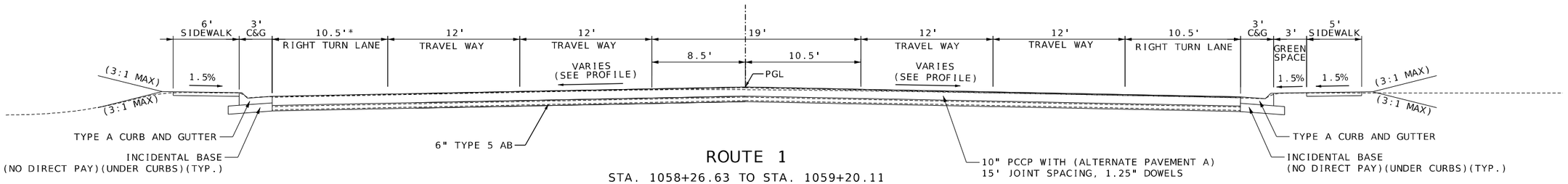


ROUTE 1

STA. 1056+35.43 TO 1058+26.63



ROUTE 1

STA. 1058+26.63 TO STA. 1059+20.11

*LANE TRANSITIONS FROM 10.5' TO 0' FROM STA. 1059+04.78 TO 1059+57.28
**LANE TRANSITIONS FROM 0' TO 10.5' FROM STA. 1058+38.00 TO 1059+28.00

NOTE:
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2. EARTHWORK QUANTIITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE SECTION

ALTERNATE PAVEMENT A

TYPICAL SECTIONS
ROUTE 1
SHEET 4 OF 12

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

DATE PREPARED: 3/3/2025
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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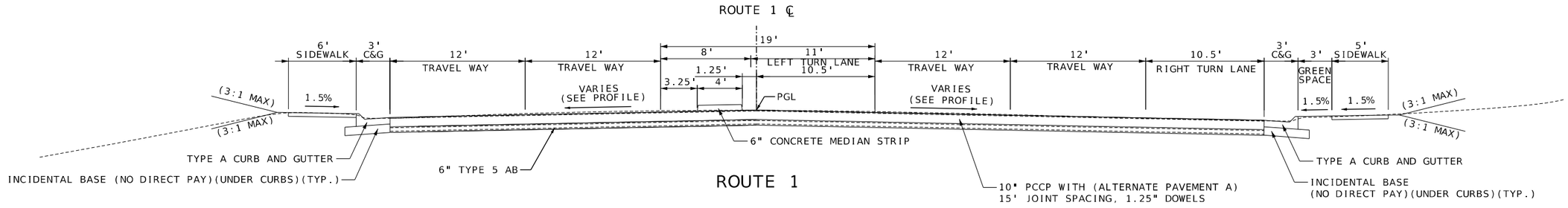
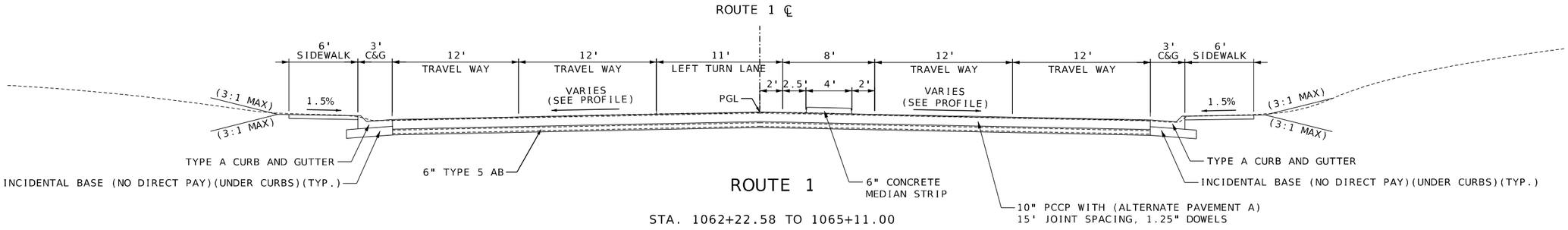


ROUTE 1

STA. 1059+20.11 TO 1061+21.00

LANE TRANSITION: STA. 1061+21.00 TO 1062+22.5



ROUTE 1

STA. 1062+22.58 TO 1065+11.00

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. EARTHWORK QUANTIITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE SECTION

ALTERNATE PAVEMENT A

TYPICAL SECTIONS
ROUTE 1
SHEET 5 OF 12

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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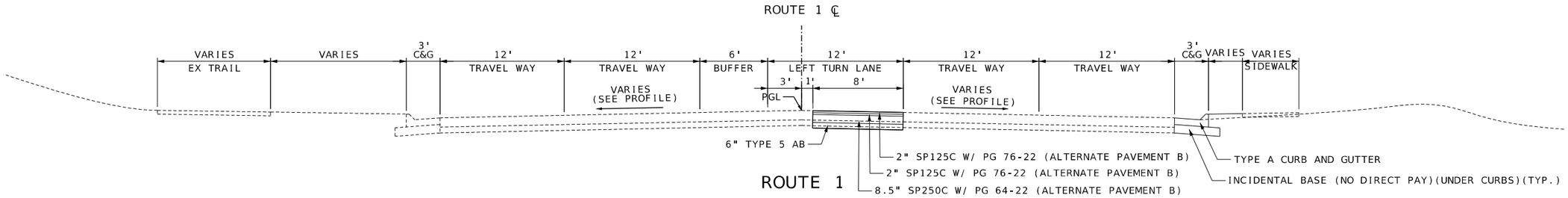
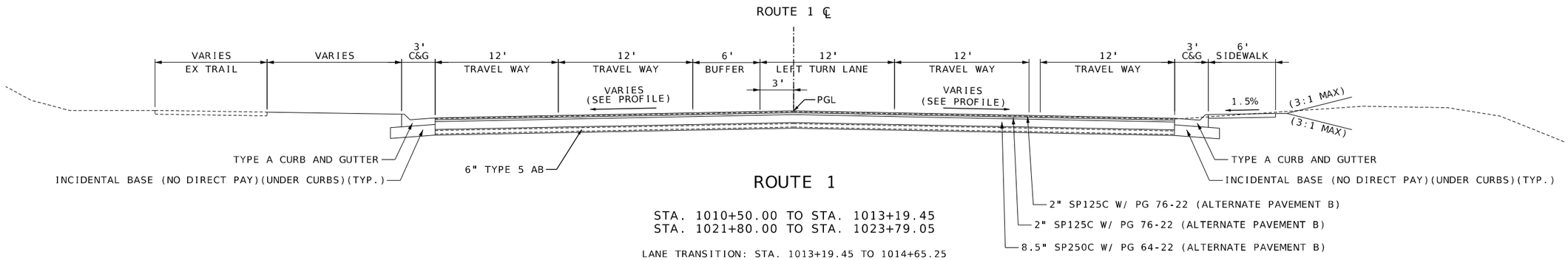


ROUTE 1

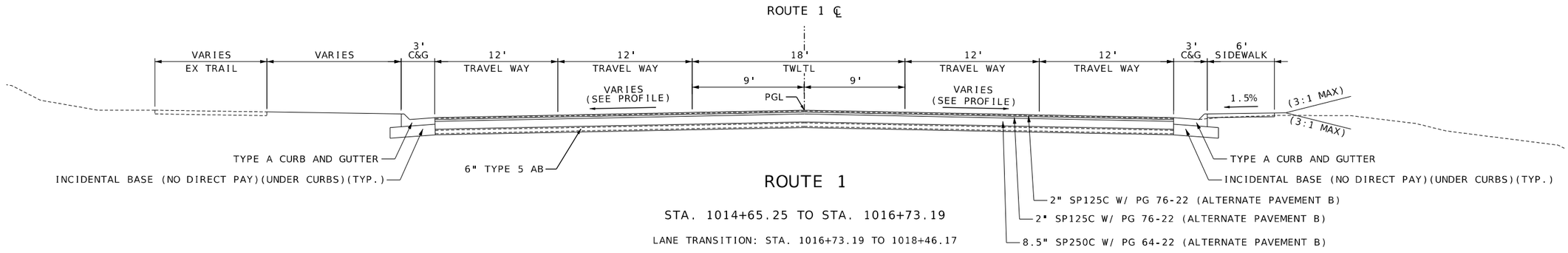
STA. 1009+70.00 TO STA. 1010+50.00



ROUTE 1

STA. 1010+50.00 TO STA. 1013+19.45
STA. 1021+80.00 TO STA. 1023+79.05

LANE TRANSITION: STA. 1013+19.45 TO 1014+65.25
LANE TRANSITION: STA. 1023+79.05 TO 1024+68.94



ROUTE 1

STA. 1014+65.25 TO STA. 1016+73.19

LANE TRANSITION: STA. 1016+73.19 TO 1018+46.17

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. EARTHWORK QUANTITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE A SECTION

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP125C.....1.999 TONS/CU.YD.
SP250C.....2.001 TONS/CU.YD.

ALTERNATE PAVEMENT B

TYPICAL SECTIONS
ROUTE 1
SHEET 6 OF 12

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

DATE PREPARED: 3/28/2025
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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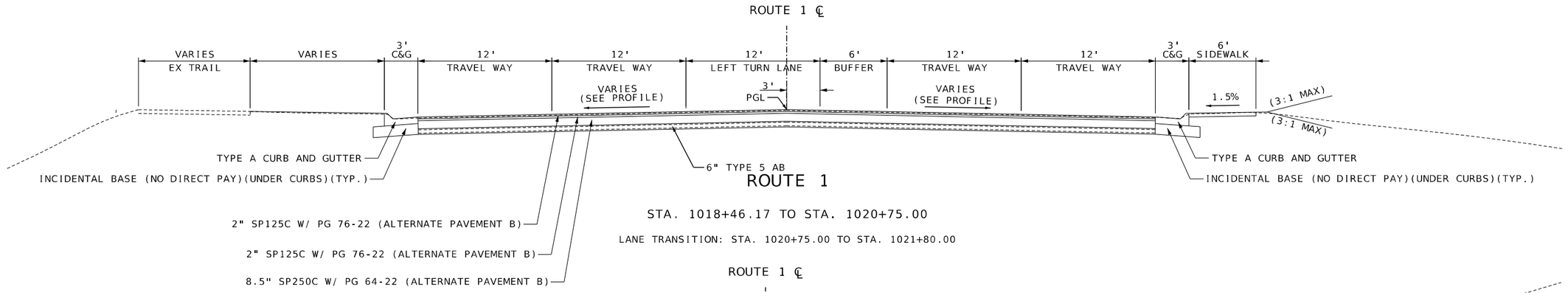
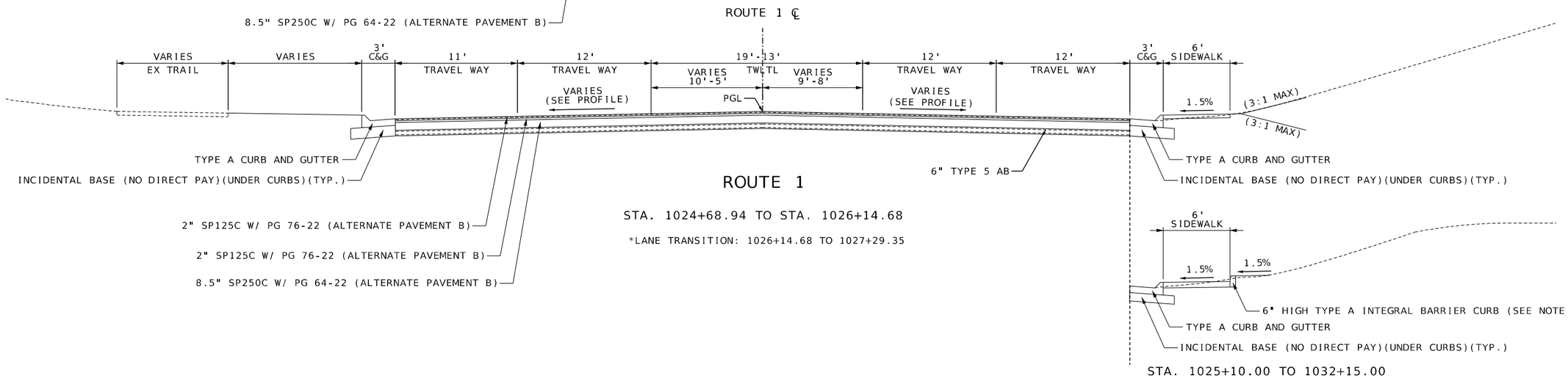


ROUTE 1

STA. 1018+46.17 TO STA. 1020+75.00

LANE TRANSITION: STA. 1020+75.00 TO STA. 1021+80.00

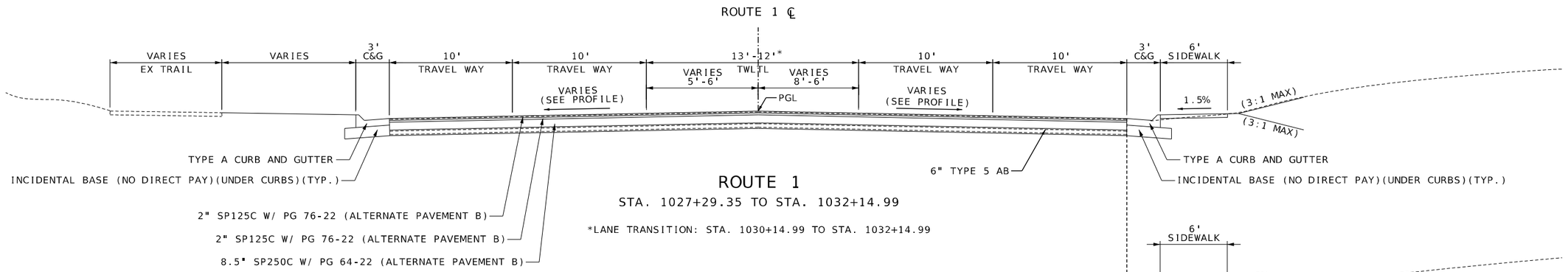


ROUTE 1

STA. 1024+68.94 TO STA. 1026+14.68

*LANE TRANSITION: 1026+14.68 TO 1027+29.35

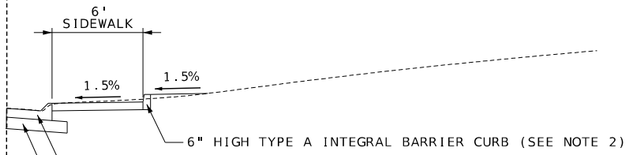
STA. 1025+10.00 TO 1032+15.00



ROUTE 1

STA. 1027+29.35 TO STA. 1032+14.99

*LANE TRANSITION: STA. 1030+14.99 TO STA. 1032+14.99



STA. 1025+10.00 TO 1032+15.00

ALTERNATE PAVEMENT B

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. THE CONTRACTOR SHALL COORDINATE WITH THE MODOT REPRESENTATIVE IN THE FIELD TO DETERMINE IF INTEGRAL BARRIER CURB IS REQUIRED
3. EARTHWORK QUANTITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE A SECTION

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP125C.....1.999 TONS/CU.YD.
SP250C.....2.001 TONS/CU.YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 7 OF 12

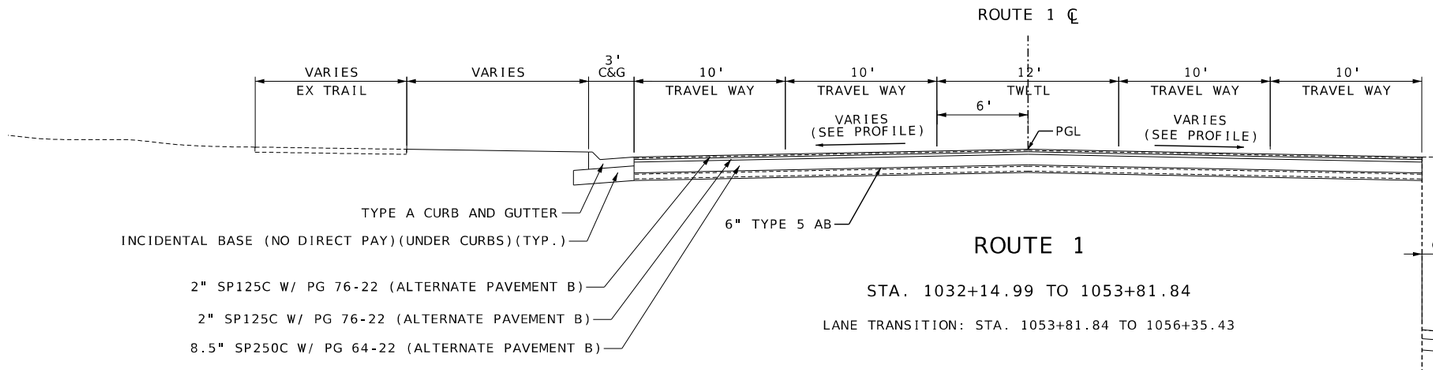
STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/28/2025
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
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

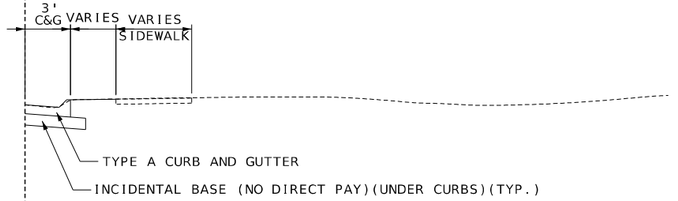
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY
ENGINEERS & ARCHITECTS



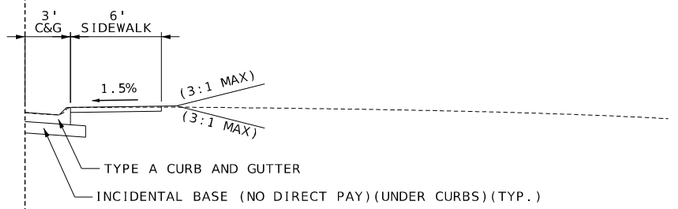
ROUTE 1

STA. 1032+14.99 TO 1053+81.84

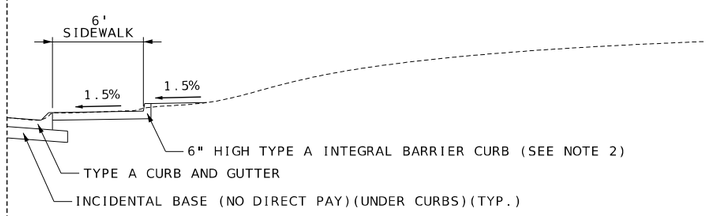
LANE TRANSITION: STA. 1053+81.84 TO 1056+35.43



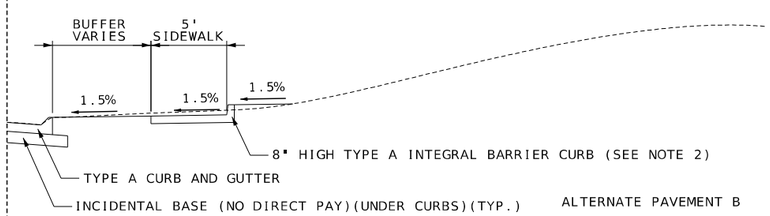
STA. 1032+31.58 TO 1044+85.02



STA. 1044+85.02 TO 1053.81.84



STA. 1046+50.00 TO 1047+80.00



ALTERNATE PAVEMENT B

STA. 1052+26.09 TO 1052+90.00

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. THE CONTRACTOR SHALL COORDINATE WITH THE MODOT REPRESENTATIVE IN THE FIELD TO DETERMINE IF INTEGRAL BARRIER CURB IS REQUIRED
3. EARTHWORK QUANTITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE A SECTION

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP125C.....1.999 TONS/CU.YD.
SP250C.....2.001 TONS/CU.YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 8 OF 12

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
4/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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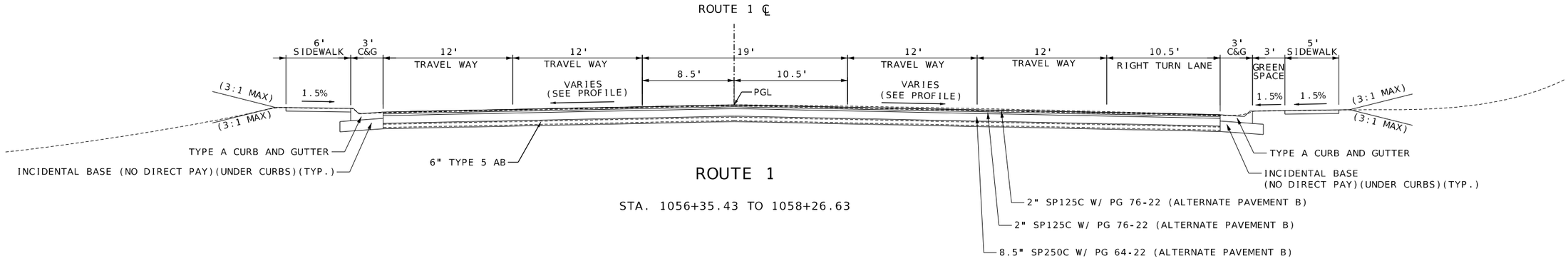
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

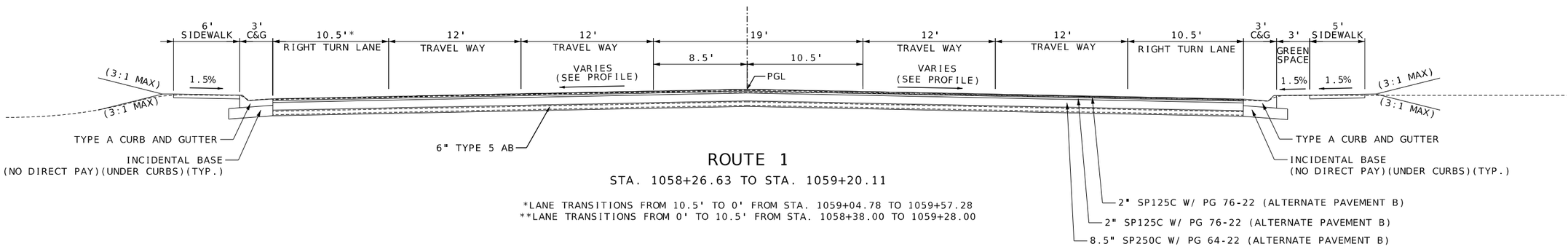
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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. 1056+35.43 TO 1058+26.63



ROUTE 1

STA. 1058+26.63 TO STA. 1059+20.11

*LANE TRANSITIONS FROM 10.5' TO 0' FROM STA. 1059+04.78 TO 1059+57.28
**LANE TRANSITIONS FROM 0' TO 10.5' FROM STA. 1058+38.00 TO 1059+28.00

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. EARTHWORK QUANTITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE A SECTION

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP125C.....1.999 TONS/CU.YD.
SP250C.....2.001 TONS/CU.YD.

ALTERNATE PAVEMENT B

TYPICAL SECTIONS
ROUTE 1
SHEET 9 OF 12

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

DATE PREPARED: 4/3/2025
ROUTE: 1
STATE: MO
DISTRICT: KC
SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
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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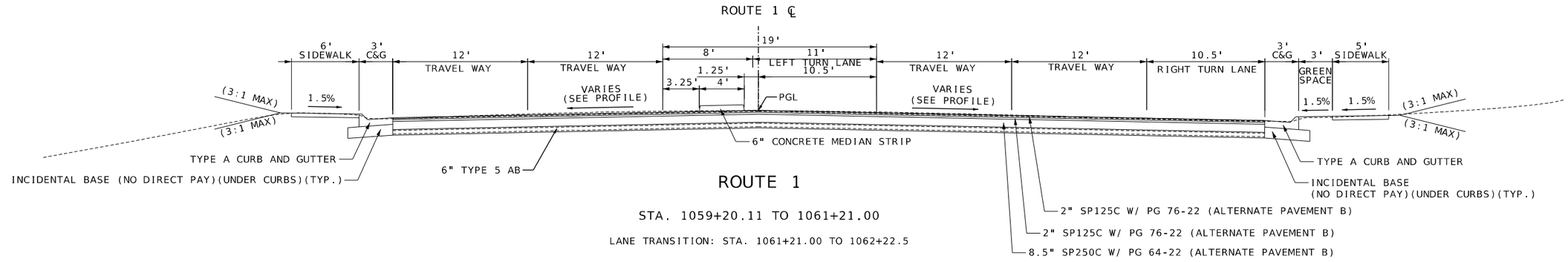
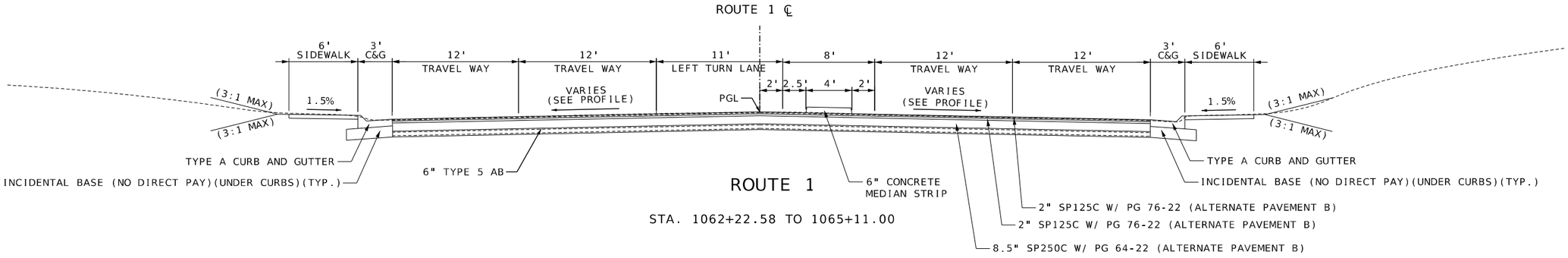


ROUTE 1

STA. 1059+20.11 TO 1061+21.00

LANE TRANSITION: STA. 1061+21.00 TO 1062+22.5



ROUTE 1

STA. 1062+22.58 TO 1065+11.00

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE
2. EARTHWORK QUANTITIES ARE CALCULATED BASED ON CONCRETE ALTERNATE A SECTION

ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP125C.....1.999 TONS/CU.YD.
SP250C.....2.001 TONS/CU.YD.

ALTERNATE PAVEMENT B

TYPICAL SECTIONS ROUTE 1

SHEET 10 OF 12

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

DATE PREPARED 4/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE

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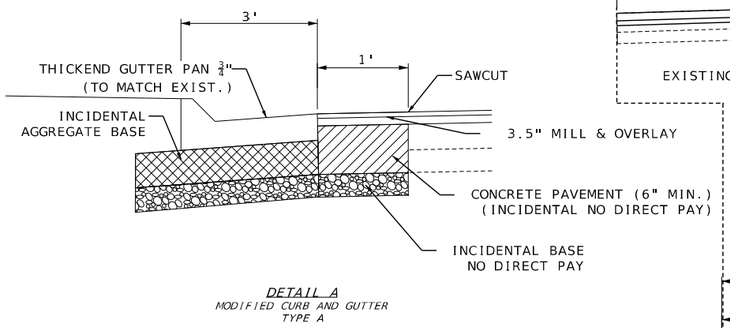
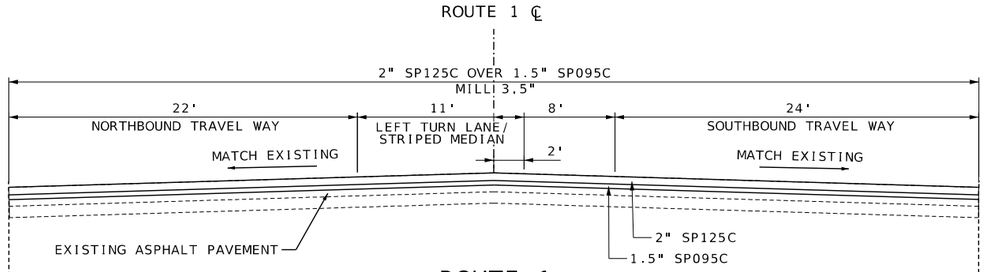


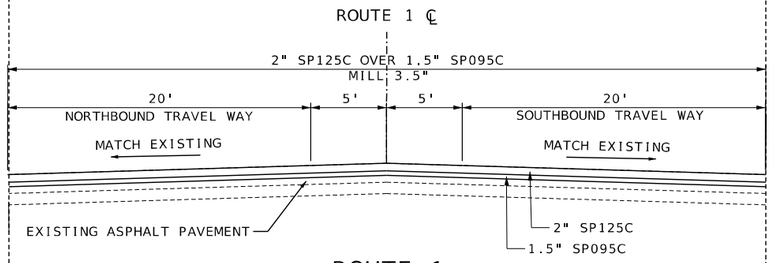
DETAIL A
MODIFIED CURB AND GUTTER TYPE A



ROUTE 1

STA. 1065+11.00 TO STA. 1066+33.75

LANE TRANSITION: STA. 1066+33.75 TO STA. 1068+85.00



ROUTE 1

STA. 1068+85.00 TO STA. 1111+50.00

LANE TRANSITION: STA. 1111+50.00 TO STA. 1114+26.47

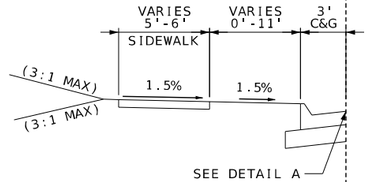
STA. 1122+64.40 TO STA. 1133+68.16

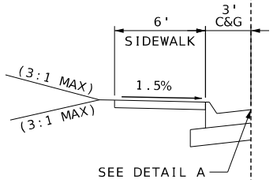
STA. 1137+15.02 TO STA. 1142+32.50

LANE TRANSITION: STA. 1142+32.50 TO STA. 1153+62.26

STA. 1153+62.26 TO STA. 1192+12.35

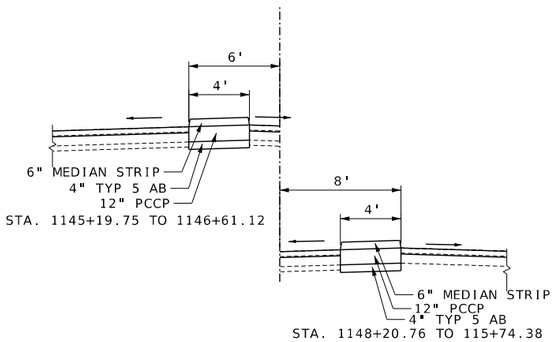
LANE TRANSITION: STA. 1192+23+.50 TO STA. 1193+24.70



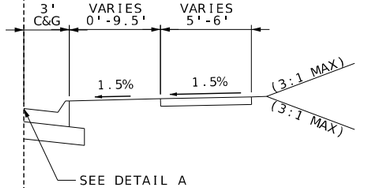


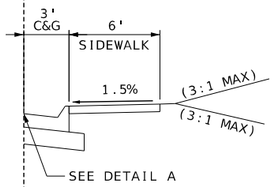
NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE

ROUTE 1 ℄



MEDIAN TRANSITION: STA. 1142+32.50 TO STA. 1153+75.00





ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP095C.....1.969 TONS/CU.YD.
SP125C.....1.999 TONS/CU.YD.
TACK COAT (20% DILUTED).....0.13 GAL/SQ. YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 11 OF 12

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

DATE PREPARED: 4/3/2025
ROUTE: 1 | STATE: MO
DISTRICT: KC | SHEET NO.: 2
COUNTY: CLAY
JOB NO.: J4S3412
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
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
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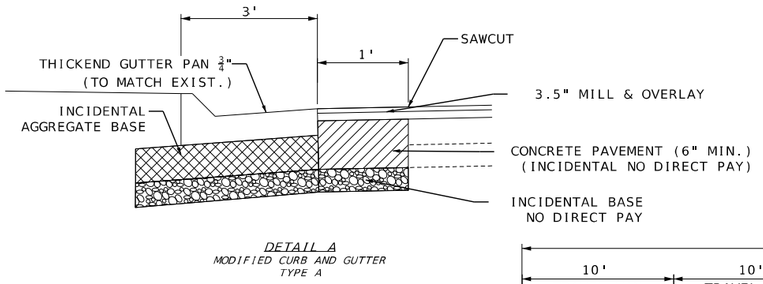
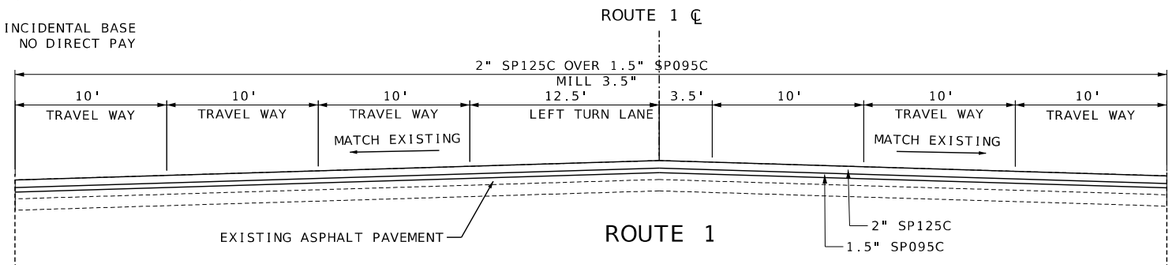
WILSON &COMPANY ENGINEERS & ARCHITECTS



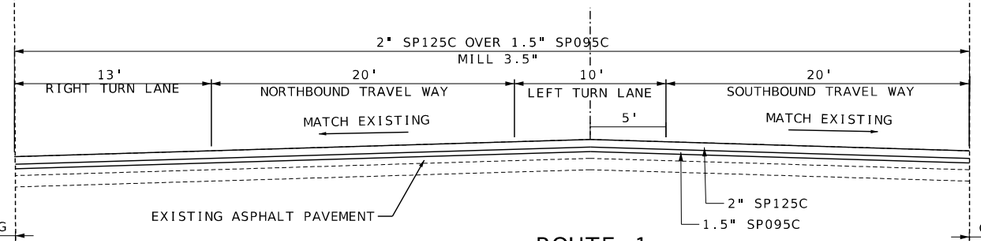
DETAIL A
MODIFIED CURB AND GUTTER TYPE A



ROUTE 1

STA. 1114+26.47 TO STA. 1119+76.61

LANE TRANSITION: STA. 1119+76.61 TO STA. 1122+64.40

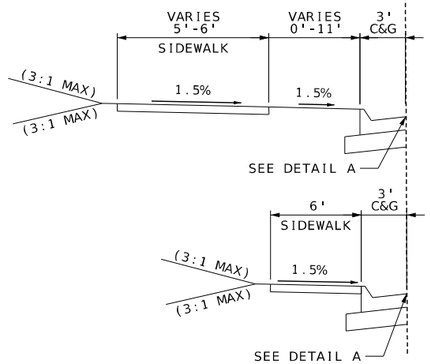


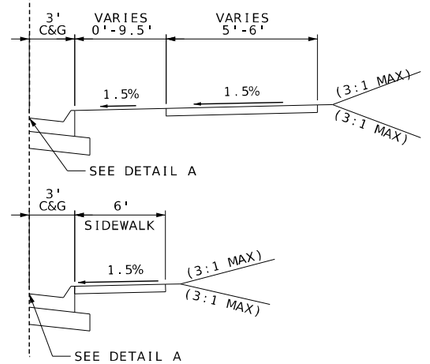
ROUTE 1

STA. 1133+68.16 TO STA. 1135+65.08

LANE TRANSITION: STA. 1135+65.08 TO STA. 1137+15.02

NOTE:
1. SEE PLAN FOR EXISTING SIDEWALK AND CURB AND GUTTER TO BE USED IN PLACE





ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

SP095C.....1.969 TONS/CU.YD.
SP125C.....1.999 TONS/CU.YD.
TACK COAT (20% DILUTED).....0.13 GAL/SQ. YD.

TYPICAL SECTIONS
ROUTE 1
SHEET 12 OF 12

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

DATE PREPARED
4/7/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	2

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

REMOVAL OF IMPROVEMENTS (TABLE 1 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
1	RTE. 1	1009+62.94	1010+50.00	LT	SAWCUT	100.6	LF	
1	RTE. 1	1009+65.65	1009+88.29	LT	CURB RAMP	21.8	SY	
1-3	RTE. 1	1009+66.12	1014+96.76	LT	CONCRETE CURB	542.0	LF	
1	RTE. 1	1009+71.95	1010+50.00	RT	SAWCUT	168.1	LF	
1-3	RTE. 1	1009+73.99	1013+28.41	RT	MEDIAN	156.7	SY	
1-3	RTE. 1	1010+50.00	1015+28.82	RT	6' SIDEWALK	324.4	SY	
1-3	RTE. 1	1010+50.00	1015+29.47	RT	CONCRETE CURB	483.4	LF	
3	RTE. 1	1014+58.77	1015+98.29	LT	DRIVE ENTRANCE	214.0	SY	
3	RTE. 1	1015+19.67	1015+58.69	RT	DRIVE ENTRANCE	40.8	SY	
3-5	RTE. 1	1015+48.90	1021+09.66	RT	CONCRETE CURB	591.9	LF	
3-5	RTE. 1	1015+49.67	1020+92.74	RT	6' SIDEWALK	347.1	SY	
3-5	RTE. 1	1015+60.31	1021+04.05	LT	CONCRETE CURB	556.4	LF	
5	RTE. 1	1018+71.54	1020+75.82	LT	MEDIAN	91.0	SY	
5	RTE. 1	1021+06.82	1021+42.59	LT	SAWCUT	35.8	LF	NE 70TH ST
5	RTE. 1	1021+12.66	1021+52.92	RT	SAWCUT	40.3	LF	NE 70TH ST
5	RTE. 1	1021+38.85	1021+54.55	RT	CURB RAMPS	9.6	SY	
5-7	RTE. 1	1021+39.30	1021+65.44	RT	MEDIAN	38.3	SY	
5-7	RTE. 1	1021+45.34	1023+51.62	LT	CONCRETE CURB	216.7	LF	
5-11	RTE. 1	1021+55.50	1032+61.52	RT	CONCRETE CURB	1141.5	LF	
7-11	RTE. 1	1021+65.02	1032+57.30	RT	6' SIDEWALK	742.7	SY	
7	RTE. 1	1021+75.74	1023+93.34	RT	MEDIAN	97.2	SY	
7	RTE. 1	1023+42.05	1023+93.35	LT	DRIVE ENTRANCE	45.9	SY	
7	RTE. 1	1023+83.81	1026+26.50	LT	CONCRETE CURB	246.3	LF	
7	RTE. 1	1026+28.10	1026+75.32	LT	SAWCUT	47.3	LF	NE 69TH TERR
7-9	RTE. 1	1026+77.35	1029+34.40	LT	CONCRETE CURB	259.4	LF	
9	RTE. 1	1029+35.65	1029+90.59	LT	SAWCUT	54.9	LF	NE 69TH ST
9-11	RTE. 1	1029+91.86	1032+56.53	LT	CONCRETE CURB	270.5	LF	
11	RTE. 1	1032+59.10	1033+03.43	LT	SAWCUT	44.3	LF	NE 68TH TERR
11	RTE. 1	1032+64.52	1032+96.74	RT	SAWCUT	32.2	LF	NE 68TH TERR
11-13	RTE. 1	1032+99.77	1042+44.07	RT	CONCRETE CURB	961.9	LF	
11	RTE. 1	1033+05.87	1033+30.06	RT	CURB RAMP	10.7	SY	
11-13	RTE. 1	1033+06.01	1042+24.07	LT	CONCRETE CURB	923.4	LF	
11	RTE. 1	1034+90.00	1035+04.99	RT	4' SIDEWALK	6.6	SY	
11	RTE. 1	1036+90.00	1037+05.00	RT	4' SIDEWALK	6.6	SY	
13	RTE. 1	1038+90.00	1039+05.00	RT	4' SIDEWALK	6.7	SY	
13	RTE. 1	1040+90.00	1041+05.00	RT	4' SIDEWALK	6.9	SY	
13	RTE. 1	1042+24.80	1043+04.09	LT	SAWCUT	79.3	LF	NE 67TH TERR
13	RTE. 1	1042+46.20	1042+85.49	RT	SAWCUT	39.3	LF	NE 67TH TERR
13-15	RTE. 1	1042+87.63	1048+15.62	RT	CONCRETE CURB	546.4	LF	
13-17	RTE. 1	1043+04.83	1050+84.72	LT	CONCRETE CURB	780.2	LF	
15	RTE. 1	1044+85.02	1048+10.68	RT	6' SIDEWALK	215.0	SY	
15	RTE. 1	1048+18.62	1048+42.61	RT	SAWCUT	24.0	LF	NE 66TH ST
15-17	RTE. 1	1048+45.61	1051+65.75	RT	CONCRETE CURB	356.1	LF	
15-17	RTE. 1	1048+51.37	1051+65.09	RT	6' SIDEWALK	229.6	SY	
17	RTE. 1	1050+76.52	1051+69.02	LT	DRIVE ENTRANCE	41.3	SY	
17	RTE. 1	1051+60.87	1052+00.00	LT	CONCRETE CURB	39.4	LF	
17	RTE. 1	1051+68.75	1051+93.05	RT	SAWCUT	24.3	LF	NE 65TH TERR
17-19	RTE. 1	1051+93.05	1057+73.82	RT	CONCRETE CURB	597.3	LF	
17-19	RTE. 1	1052+06.30	1055+15.86	RT	6' SIDEWALK	202.8	SY	
17	RTE. 1	1052+10.37	1052+25.49	LT	CONCRETE CURB	25.2	LF	
17	RTE. 1	1052+10.37	1052+61.46	LT	DRIVE ENTRANCE	64.6	SY	
17	RTE. 1	1052+17.22	1052+25.13	LT	CURB RAMP	4.3	SY	
17	RTE. 1	1052+46.54	1053+45.66	LT	CONCRETE CURB	121.5	LF	
17	RTE. 1	1052+47.18	1052+66.32	LT	CURB RAMP	9.9	SY	
17-19	RTE. 1	1053+25.60	1054+02.98	LT	DRIVE ENTRANCE	130.3	SY	
17	RTE. 1	1053+27.53	1053+43.12	LT	CURB RAMP	8.0	SY	
17-19	RTE. 1	1053+82.22	1057+75.13	LT	CONCRETE CURB	421.1	LF	
17-19	RTE. 1	1053+85.22	1057+72.53	LT	4' SIDEWALK	203.9	SY	
19	RTE. 1	1057+58.18	1058+61.94	RT	DRIVE ENTRANCE	53.6	SY	
19	RTE. 1	1057+65.05	1058+26.63	LT	DRIVE ENTRANCE	134.5	SY	
19-21	RTE. 1	1058+16.63	1061+49.54	LT	CONCRETE CURB	367.1	LF	NE 64TH ST
19-21	RTE. 1	1058+17.47	1061+45.55	LT	4' SIDEWALK	197.6	SY	NE 64TH ST
19-21	RTE. 1	1058+49.92	1061+45.79	RT	CONCRETE CURB	337.7	LF	NE 64TH ST
19-21	RTE. 1	1059+20.10	1061+20.94	LT	MEDIAN	72.7	SY	

CONTINUES ON SHEET 1 OF 20

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 2 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
21	RTE. 1	1060+40.00	1061+41.44	RT	4' SIDEWALK	61.8	SY	NE 64TH ST
21	RTE. 1	1061+22.83	1061+44.22	RT	MEDIAN	14.8	SY	
21	RTE. 1	1061+31.97	1061+44.55	RT	CURB RAMP	10.2	SY	
21	RTE. 1	1061+47.84	1061+61.98	RT	SAWCUT	14.2	LF	
21	RTE. 1	1061+53.90	1061+77.94	LT	SAWCUT	24.0	LF	
21	RTE. 1	1061+65.98	1062+00.08	RT	SAWCUT	34.1	LF	
21	RTE. 1	1061+81.94	1061+95.94	LT	SAWCUT	14.0	LF	
21	RTE. 1	1061+94.36	1062+32.87	RT	MEDIAN	76.1	SY	
21	RTE. 1	1061+94.36	1062+23.24	RT	CURB RAMP	19.9	SY	
21	RTE. 1	1061+97.57	1063+29.90	LT	CONCRETE CURB	162.0	LF	NE 64TH ST
21	RTE. 1	1061+97.83	1063+29.90	LT	4' & 6' SIDEWALK	104.6	SY	NE 64TH ST
21	RTE. 1	1062+03.46	1064+47.75	RT	4' SIDEWALK	130.1	SY	NE 64TH ST
21	RTE. 1	1062+03.46	1064+48.13	RT	CONCRETE CURB	301.7	LF	NE 64TH ST
21-23	RTE. 1	1062+22.56	1064+87.21	RT	MEDIAN	112.3	SY	
21	RTE. 1	1063+86.66	1064+21.47	LT	CONCRETE CURB	37.7	LF	
21	RTE. 1	1064+11.46	1064+68.55	LT	DRIVE ENTRANCE	49.1	SY	
21-23	RTE. 1	1064+62.55	1066+45.50	LT	CONCRETE CURB	186.9	LF	
21	RTE. 1	1064+64.74	1064+73.55	LT	CURB RAMP	7.1	SY	
23	RTE. 1	1064+97.72	1066+00.31	RT	6' SIDEWALK	63.2	SY	
23	RTE. 1	1064+97.74	1065+91.96	RT	CONCRETE CURB	97.5	LF	
23	RTE. 1	1065+91.96	1066+21.92	RT	DRIVE ENTRANCE	38.1	SY	
23	RTE. 1	1066+11.95	1066+72.35	RT	CONCRETE CURB	68.7	LF	
23	RTE. 1	1066+12.60	1066+71.79	RT	4' & 6' SIDEWALK	29.1	SY	
23	RTE. 1	1066+46.91	1067+91.65	LT	SAWCUT	144.8	LF	OLD ANTIOCH RD
23	RTE. 1	1066+62.92	1066+92.15	RT	DRIVE ENTRANCE	25.7	SY	
23	RTE. 1	1066+83.65	1067+60.05	RT	CONCRETE CURB	82.2	LF	
23	RTE. 1	1066+83.92	1067+60.29	RT	6' SIDEWALK	48.0	SY	
23	RTE. 1	1067+91.80	1068+51.87	LT	CONCRETE CURB	68.7	LF	
23	RTE. 1	1067+92.31	1068+51.67	LT	4' SIDEWALK	24.9	SY	
23	RTE. 1	1068+11.62	1068+33.11	RT	SAWCUT	21.5	LF	N. WABASH AVE
23	RTE. 1	1068+41.75	1068+90.98	LT	DRIVE ENTRANCE	61.8	SY	
23	RTE. 1	1068+83.59	1069+38.05	LT	CONCRETE CURB	75.6	LF	
23	RTE. 1	1068+83.64	1069+38.01	LT	5' SIDEWALK	31.3	SY	
23	RTE. 1	1068+88.83	1069+66.11	RT	6' SIDEWALK	47.6	SY	
23	RTE. 1	1068+88.83	1069+66.15	RT	CONCRETE CURB	79.9	LF	
23	RTE. 1	1069+27.96	1069+80.18	LT	DRIVE ENTRANCE	77.1	SY	
23	RTE. 1	1069+57.66	1069+84.66	RT	DRIVE ENTRANCE	34.1	SY	
23-25	RTE. 1	1069+65.25	1070+56.00	LT	CONCRETE CURB	113.8	LF	
23-25	RTE. 1	1069+66.83	1070+56.01	LT	4' SIDEWALK	39.8	SY	
23-25	RTE. 1	1069+76.18	1070+72.60	RT	CONCRETE CURB	101.8	LF	
23-25	RTE. 1	1069+76.36	1070+72.73	RT	6' SIDEWALK	57.9	SY	
25	RTE. 1	1070+45.95	1070+94.06	LT	DRIVE ENTRANCE	70.7	SY	
25	RTE. 1	1070+59.58	1072+75.55	RT	CONCRETE CURB	121.5	LF	
25	RTE. 1	1070+64.85	1071+00.35	RT	DRIVE ENTRANCE	49.7	SY	
25	RTE. 1	1070+82.07	1071+75.90	LT	CONCRETE CURB	119.8	LF	
25	RTE. 1	1070+82.09	1071+76.08	LT	4' SIDEWALK	39.1	SY	
25	RTE. 1	1070+92.36	1071+49.01	RT	4' SIDEWALK	30.4	SY	
25	RTE. 1	1070+92.37	1071+49.01	RT	CONCRETE CURB	64.1	LF	
25	RTE. 1	1071+39.70	1071+69.30	RT	DRIVE ENTRANCE	24.1	SY	
25	RTE. 1	1071+59.58	1072+78.03	RT	5' SIDEWALK	62.1	SY	
25	RTE. 1	1071+68.10	1072+14.43	LT	DRIVE ENTRANCE	75.3	SY	
25	RTE. 1	1072+06.08	1072+79.69	LT	5' SIDEWALK	42.3	SY	
25	RTE. 1	1072+06.15	1072+79.69	LT	CONCRETE CURB	91.2	LF	
25	RTE. 1	1072+82.36	1073+13.58	LT	SAWCUT	31.7	LF	N. CHESTNUT AVE
25	RTE. 1	1072+87.59	1073+07.64	RT	SAWCUT	20.0	LF	NE 63RD PL
25	RTE. 1	1073+15.91	1077+21.23	LT	4' SIDEWALK	168.5	SY	
25	RTE. 1	1073+16.66	1077+24.25	LT	CONCRETE CURB	428.4	LF	
25	RTE. 1	1073+30.77	1076+98.46	RT	CONCRETE CURB	370.9	LF	
25	RTE. 1	1074+00.51	1074+12.51	RT	6' SIDEWALK	8.0	SY	
25	RTE. 1	1077+25.93	1077+85.72	LT	SAWCUT	81.0	LF	NE BROOKTREE LN
25	RTE. 1	1077+31.91	1077+56.20	RT	SAWCUT	24.3	LF	NE 61ST TERR
25-26	RTE. 1	1077+87.95	1081+10.30	LT	4' SIDEWALK	127.5	SY	
25-26	RTE. 1	1077+87.95	1081+10.16	LT	CONCRETE CURB	348.5	LF	
25	RTE. 1	1077+98.57	1078+19.25	RT	CONCRETE CURB	26.7	LF	

CONTINUES ON SHEET 2 OF 20

SUMMARY OF QUANTITIES
SHEET 1 OF 20

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY CLAY
JOB NO. J4S3412
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)

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

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 3 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
25	RTE. 1	1078+03.79	1078+18.49	RT	4' SIDEWALK	8.2	SY	
25	RTE. 1	1078+09.25	1078+66.37	RT	DRIVE ENTRANCE	66.5	SY	
25	RTE. 1	1078+58.89	1078+89.05	RT	CONCRETE CURB	44.2	LF	
25	RTE. 1	1078+58.90	1078+89.05	RT	4' SIDEWALK	17.0	SY	
25	RTE. 1	1078+82.64	1079+36.00	RT	DRIVE ENTRANCE	65.6	SY	
25	RTE. 1	1079+29.39	1079+61.08	RT	5' SIDEWALK	19.0	SY	
25	RTE. 1	1079+29.39	1079+61.08	RT	CONCRETE CURB	46.1	LF	
25	RTE. 1	1079+53.00	1080+00.20	RT	DRIVE ENTRANCE	55.9	SY	
25	RTE. 1	1079+94.12	1080+26.65	RT	5' SIDEWALK	19.4	SY	
25	RTE. 1	1079+94.20	1080+26.50	RT	CONCRETE CURB	47.9	LF	
25	RTE. 1	1080+19.50	1080+61.79	RT	DRIVE ENTRANCE	50.0	SY	
25-26	RTE. 1	1080+56.35	1080+82.90	RT	CONCRETE CURB	38.3	LF	
25-26	RTE. 1	1080+56.36	1080+82.99	RT	5' SIDEWALK	14.4	SY	
26	RTE. 1	1080+92.09	1081+22.20	RT	SAWCUT	30.1	LF	NE 61ST ST
26	RTE. 1	1080+97.88	1081+57.70	LT	DRIVE ENTRANCE	76.6	SY	
26	RTE. 1	1081+31.82	1081+53.39	RT	CURB RAMP	17.8	SY	
26	RTE. 1	1081+32.60	1082+25.99	RT	CONCRETE CURB	95.5	LF	
26	RTE. 1	1081+46.70	1084+21.85	LT	CONCRETE CURB	295.9	LF	
26	RTE. 1	1081+46.84	1084+22.00	LT	4' SIDEWALK	112.4	SY	
26	RTE. 1	1082+49.60	1082+69.61	RT	DRIVE ENTRANCE	25.0	SY	
26	RTE. 1	1082+63.45	1084+26.01	RT	CONCRETE CURB	183.4	LF	
26	RTE. 1	1082+63.56	1084+24.03	RT	5' SIDEWALK	85.1	SY	
26	RTE. 1	1084+07.59	1084+80.55	RT	DRIVE ENTRANCE	115.0	SY	
26	RTE. 1	1084+11.85	1084+68.58	LT	DRIVE ENTRANCE	95.8	SY	
26	RTE. 1	1084+56.78	1085+93.05	RT	CONCRETE CURB	164.5	LF	
26	RTE. 1	1084+59.57	1085+48.15	LT	4' SIDEWALK	37.9	SY	
26	RTE. 1	1084+59.59	1085+48.13	LT	CONCRETE CURB	109.6	LF	
26	RTE. 1	1084+60.57	1085+95.20	RT	5' SIDEWALK	76.9	SY	
26	RTE. 1	1085+38.13	1085+94.77	LT	DRIVE ENTRANCE	72.3	SY	
26	RTE. 1	1085+84.77	1087+90.07	LT	CONCRETE CURB	220.8	LF	
26	RTE. 1	1085+84.84	1087+87.91	LT	4' SIDEWALK	89.9	SY	
26	RTE. 1	1085+86.00	1086+25.99	RT	DRIVE ENTRANCE	68.9	SY	
26	RTE. 1	1086+18.28	1087+36.69	RT	CONCRETE CURB	142.8	LF	
26	RTE. 1	1086+18.85	1087+39.67	RT	4' SIDEWALK	59.1	SY	
26	RTE. 1	1087+30.72	1087+59.02	RT	DRIVE ENTRANCE	24.4	SY	
26	RTE. 1	1087+51.57	1087+87.39	RT	4' SIDEWALK	16.9	SY	
26	RTE. 1	1087+51.57	1087+87.09	RT	CONCRETE CURB	43.7	LF	
26	RTE. 1	1087+93.15	1088+18.94	LT	SAWCUT	25.8	LF	NE 60TH ST
26	RTE. 1	1087+95.25	1088+19.56	RT	SAWCUT	24.3	LF	NE 60TH ST
26	RTE. 1	1088+30.85	1091+16.08	RT	CONCRETE CURB	290.3	LF	
26	RTE. 1	1088+30.96	1088+48.23	RT	CURB RAMP	8.0	SY	
26	RTE. 1	1088+45.90	1089+64.28	LT	CONCRETE CURB	118.4	LF	
26	RTE. 1	1088+63.73	1089+78.73	RT	4' SIDEWALK	6.4	SY	
26-27	RTE. 1	1090+14.44	1091+93.58	LT	6' SIDEWALK	111.6	SY	
26-27	RTE. 1	1090+14.44	1091+94.00	LT	CONCRETE CURB	182.6	LF	
26	RTE. 1	1090+94.43	1091+16.02	RT	CURB RAMP	10.4	SY	
26	RTE. 1	1091+18.35	1091+58.04	RT	SAWCUT	39.7	LF	NE 59TH TERR
26-27	RTE. 1	1091+59.11	1091+85.79	RT	CURB RAMP	13.3	SY	
27	RTE. 1	1091+60.18	1094+50.96	RT	CONCRETE CURB	293.1	LF	
27	RTE. 1	1091+82.95	1092+38.25	LT	DRIVE ENTRANCE	435.0	SY	
27	RTE. 1	1092+26.63	1094+44.68	LT	6' SIDEWALK	140.0	SY	
27	RTE. 1	1092+27.17	1094+46.91	LT	CONCRETE CURB	231.9	LF	
27	RTE. 1	1094+34.85	1094+92.30	LT	DRIVE ENTRANCE	77.4	SY	
27	RTE. 1	1094+74.74	1095+01.43	RT	SAWCUT	26.7	LF	NE 59TH ST
27	RTE. 1	1094+77.30	1096+36.21	LT	CONCRETE CURB	174.9	LF	
27	RTE. 1	1094+79.47	1096+33.59	LT	6' SIDEWALK	95.0	SY	
27	RTE. 1	1095+01.43	1096+71.69	RT	CONCRETE CURB	176.4	LF	
27	RTE. 1	1095+12.87	1095+47.25	RT	CURB RAMP	15.9	SY	
27	RTE. 1	1096+08.73	1096+93.53	LT	DRIVE ENTRANCE	121.5	SY	
27	RTE. 1	1096+40.12	1096+54.47	LT	MEDIAN	8.5	SY	
27	RTE. 1	1096+47.26	1096+60.07	LT	MEDIAN	7.4	SY	
27	RTE. 1	1096+59.90	1096+71.72	RT	CURB RAMP	7.2	SY	
27	RTE. 1	1096+63.66	1097+16.01	RT	DRIVE ENTRANCE	85.0	SY	
27	RTE. 1	1096+74.33	1097+94.68	LT	5' SIDEWALK	61.8	SY	

CONTINUES ON SHEET 2 OF 20

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 4 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
27	RTE. 1	1096+74.50	1097+84.99	LT	CONCRETE CURB	119.8	LF	
27	RTE. 1	1097+16.01	1098+02.85	RT	CONCRETE CURB	86.8	LF	
27	RTE. 1	1097+84.99	1099+03.56	LT	SAWCUT	118.6	LF	NE KENDALWOOD PKWY
27	RTE. 1	1098+27.00	1098+65.27	RT	SAWCUT	38.3	LF	NE 58TH TERR
27	RTE. 1	1098+62.27	1098+79.32	RT	CURB RAMP	8.3	SY	
27	RTE. 1	1098+63.12	1099+42.93	RT	CONCRETE CURB	85.1	LF	
27	RTE. 1	1099+00.71	1099+47.84	LT	6' SIDEWALK	31.1	SY	
27	RTE. 1	1099+03.55	1099+49.21	LT	CONCRETE CURB	52.1	LF	
27	RTE. 1	1099+36.61	1099+88.35	LT	DRIVE ENTRANCE	61.7	SY	
27	RTE. 1	1099+70.11	1100+58.88	RT	CONCRETE CURB	89.6	LF	
27	RTE. 1	1099+77.03	1102+28.94	LT	CONCRETE CURB	272.7	LF	
27	RTE. 1	1099+78.25	1102+29.07	LT	6' SIDEWALK	165.3	SY	
27	RTE. 1	1100+54.70	1100+79.86	RT	DRIVE ENTRANCE	12.8	SY	
27	RTE. 1	1100+74.39	1100+89.79	RT	CONCRETE CURB	16.3	LF	
27	RTE. 1	1100+86.30	1101+07.72	RT	DRIVE ENTRANCE	10.1	SY	
27	RTE. 1	1101+04.61	1101+54.75	RT	CONCRETE CURB	54.0	LF	
27	RTE. 1	1101+25.01	1101+55.68	RT	CURB RAMP	14.4	SY	
27	RTE. 1	1101+63.84	1101+85.80	RT	SAWCUT	22.0	LF	NE 58TH ST
27-28	RTE. 1	1102+17.27	1103+01.43	RT	CONCRETE CURB	92.5	LF	
27-28	RTE. 1	1102+18.95	1102+80.79	LT	DRIVE ENTRANCE	101.1	SY	
28	RTE. 1	1102+70.47	1104+51.30	LT	CONCRETE CURB	210.6	LF	
28	RTE. 1	1102+70.79	1104+48.74	LT	5' SIDEWALK	99.2	SY	
28	RTE. 1	1102+86.44	1103+40.36	RT	DRIVE ENTRANCE	68.3	SY	
28	RTE. 1	1103+26.78	1104+67.02	RT	CONCRETE CURB	151.7	LF	
28	RTE. 1	1104+54.30	1104+84.42	LT	SAWCUT	50.1	LF	NE 57TH TERR
28	RTE. 1	1104+87.02	1109+36.02	LT	CONCRETE CURB	455.0	LF	
28	RTE. 1	1104+88.67	1109+36.23	LT	6' SIDEWALK	292.3	SY	
28	RTE. 1	1104+89.47	1105+26.12	RT	SAWCUT	36.6	LF	NE 57TH TERR
28	RTE. 1	1105+49.95	1106+15.63	RT	CONCRETE CURB	67.1	LF	
28	RTE. 1	1106+08.04	1106+46.84	RT	DRIVE ENTRANCE	25.5	SY	
28	RTE. 1	1106+40.06	1107+04.19	RT	CONCRETE CURB	67.1	LF	
28	RTE. 1	1106+97.13	1107+35.96	RT	DRIVE ENTRANCE	25.9	SY	
28	RTE. 1	1107+29.20	1107+66.57	RT	CONCRETE CURB	40.3	LF	
28	RTE. 1	1107+59.46	1107+98.68	RT	DRIVE ENTRANCE	26.8	SY	
28	RTE. 1	1107+89.68	1108+48.91	RT	5' SIDEWALK	34.9	SY	
28	RTE. 1	1108+39.59	1108+79.95	RT	DRIVE ENTRANCE	27.2	SY	
28	RTE. 1	1108+72.10	1109+17.53	RT	CONCRETE CURB	48.5	LF	
28	RTE. 1	1109+09.01	1109+39.75	RT	DRIVE ENTRANCE	19.5	SY	
28	RTE. 1	1109+26.66	1109+97.81	LT	DRIVE ENTRANCE	65.5	SY	
28	RTE. 1	1109+31.83	1110+18.53	RT	CONCRETE CURB	90.0	LF	
28	RTE. 1	1109+87.96	1110+30.72	LT	5' SIDEWALK	25.2	SY	
28	RTE. 1	1109+88.24	1110+31.78	LT	CONCRETE CURB	49.6	LF	
28	RTE. 1	1110+13.59	1110+58.43	RT	DRIVE ENTRANCE	32.2	SY	
28	RTE. 1	1110+23.61	1110+70.74	LT	DRIVE ENTRANCE	39.8	SY	
28	RTE. 1	1110+51.22	1110+95.88	RT	CONCRETE CURB	48.1	LF	
28	RTE. 1	1110+61.97	1110+92.61	LT	4' SIDEWALK	18.8	SY	
28	RTE. 1	1110+62.10	1110+94.04	LT	CONCRETE CURB	37.2	LF	
28	RTE. 1	1110+88.74	1111+17.25	RT	DRIVE ENTRANCE	18.5	SY	
28	RTE. 1	1110+96.65	1111+29.59	LT	SAWCUT	32.9	LF	NE 56TH TERR
28	RTE. 1	1111+07.98	1113+03.94	RT	5' SIDEWALK	113.7	SY	
28	RTE. 1	1111+08.21	1113+04.08	RT	CONCRETE CURB	205.7	LF	
28-29	RTE. 1	1111+34.54	1114+71.91	LT	6' SIDEWALK	132.0	SY	
28-29	RTE. 1	1111+34.78	1114+72.81	LT	CONCRETE CURB	340.1	LF	
29	RTE. 1	1113+69.03	1114+30.00	RT	5' SIDEWALK	38.7	SY	
29	RTE. 1	1113+69.22	1114+30.00	RT	CONCRETE CURB	60.8	LF	
29	RTE. 1	1114+65.93	1115+08.64	RT	SAWCUT	48.2	LF	NE ENGLEWOOD RD
29	RTE. 1	1115+05.68	1115+19.83	RT	MEDIAN	7.9	SY	
29	RTE. 1	1115+08.71	1115+27.28	RT	MEDIAN	17.1	SY	
29	RTE. 1	1115+06.77	1115+25.55	RT	CURB RAMP	8.8	SY	
29	RTE. 1	1115+14.11	1115+52.00	LT	SAWCUT	37.9	LF	NE 56TH ST
29	RTE. 1	1115+64.19	1118+96.85	LT	MEDIAN	122.3	SY	
29	RTE. 1	1115+76.88	1118+96.99	LT	CONCRETE CURB	325.0	LF	
29	RTE. 1	1115+77.76	1118+91.91	LT	6' SIDEWALK	197.7	SY	
29	RTE. 1	1115+78.40	1122+18.47	RT	CONCRETE CURB	640.4	LF	

CONTINUES ON SHEET 3 OF 20

SUMMARY OF QUANTITIES
SHEET 2 OF 20

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 5 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
29	RTE. 1	1115+78.42	1122+18.70	RT	5' SIDEWALK	425.4	SY	
29	RTE. 1	1119+24.67	1119+77.23	LT	SAWCUT	52.2	LF	NE CHOUTEAU TRFY
29	RTE. 1	1119+82.10	1119+93.35	LT	MEDIAN	26.2	SY	
29	RTE. 1	1119+93.68	1119+98.89	LT	CURB RAMP	14.1	SY	
29	RTE. 1	1119+98.99	1121+82.07	LT	MEDIAN	328.3	SY	
29	RTE. 1	1120+15.75	1123+64.08	LT	CONCRETE CURB	348.7	LF	
29	RTE. 1	1120+16.03	1123+64.12	LT	6' SIDEWALK	215.8	SY	
29-30	RTE. 1	1123+26.50	1124+85.89	RT	6' SIDEWALK	105.0	SY	
29-30	RTE. 1	1123+26.54	1124+85.93	RT	CONCRETE CURB	159.4	LF	
30	RTE. 1	1124+36.55	1124+55.41	LT	CONCRETE CURB	18.9	LF	
30	RTE. 1	1124+36.60	1124+71.68	LT	6' SIDEWALK	25.6	SY	
30	RTE. 1	1124+63.66	1124+71.63	LT	CONCRETE CURB	8.0	LF	
30	RTE. 1	1125+89.00	1132+19.10	LT	6' SIDEWALK	396.3	SY	
30	RTE. 1	1125+89.00	1132+19.11	LT	CONCRETE CURB	630.1	LF	
30	RTE. 1	1128+10.79	1129+32.79	RT	6' SIDEWALK	77.1	SY	
30	RTE. 1	1128+10.79	1132+69.65	RT	CONCRETE CURB	458.9	LF	
30	RTE. 1	1129+43.87	1129+77.12	RT	6' SIDEWALK	19.3	SY	
30	RTE. 1	1129+97.22	1131+65.74	RT	6' SIDEWALK	106.9	SY	
30	RTE. 1	1131+77.67	1132+69.66	RT	6' SIDEWALK	57.8	SY	
30	RTE. 1	1133+07.02	1133+29.02	RT	SAWCUT	22.0	LF	NE 53RD ST
30-31	RTE. 1	1133+71.05	1135+39.62	RT	5' SIDEWALK	97.9	SY	
30-31	RTE. 1	1133+71.06	1135+39.59	RT	CONCRETE CURB	168.5	LF	
31	RTE. 1	1135+46.42	1135+61.42	LT	6' SIDEWALK	9.0	SY	
31	RTE. 1	1135+85.92	1136+08.90	RT	SAWCUT	23.0	LF	NE 52ND TERR
31	RTE. 1	1136+21.16	1138+75.04	RT	5' SIDEWALK	143.0	SY	
31	RTE. 1	1136+21.56	1138+74.28	RT	CONCRETE CURB	255.7	LF	
31	RTE. 1	1136+98.25	1138+24.37	LT	CONCRETE CURB	126.2	LF	
31	RTE. 1	1136+98.78	1138+24.39	LT	6' SIDEWALK	83.9	SY	
31	RTE. 1	1138+83.62	1139+12.05	RT	SAWCUT	28.4	LF	NE 52ND ST
31	RTE. 1	1139+44.47	1140+51.23	RT	5' SIDEWALK	59.9	SY	
31	RTE. 1	1139+44.48	1140+51.28	RT	CONCRETE CURB	110.8	LF	
31	RTE. 1	1139+53.58	1141+70.73	LT	CONCRETE CURB	230.1	LF	
31	RTE. 1	1140+44.30	1140+71.50	RT	DRIVE ENTRANCE	22.6	SY	
31	RTE. 1	1140+66.25	1140+80.50	RT	6' SIDEWALK	9.2	SY	
31	RTE. 1	1140+66.25	1140+80.59	RT	CONCRETE CURB	23.4	LF	
31	RTE. 1	1140+74.71	1141+16.21	RT	DRIVE ENTRANCE	38.9	SY	
31	RTE. 1	1141+11.00	1141+60.62	RT	5' SIDEWALK	29.8	SY	
31	RTE. 1	1141+11.19	1141+60.25	RT	CONCRETE CURB	59.3	LF	
31	RTE. 1	1141+48.65	1142+22.56	LT	DRIVE ENTRANCE	122.3	SY	
31	RTE. 1	1141+52.53	1141+70.73	LT	CURB RAMP	10.5	SY	
31	RTE. 1	1141+56.26	1141+95.37	RT	DRIVE ENTRANCE	38.1	SY	
31	RTE. 1	1141+91.07	1142+32.27	RT	5' SIDEWALK	26.8	SY	
31	RTE. 1	1141+91.31	1142+32.09	RT	CONCRETE CURB	51.8	LF	
31	RTE. 1	1141+96.96	1143+61.86	LT	CONCRETE CURB	177.8	LF	
31	RTE. 1	1141+96.98	1142+13.30	LT	CURB RAMP	9.4	SY	
31	RTE. 1	1142+74.16	1143+00.55	LT	5' SIDEWALK	13.2	SY	
31	RTE. 1	1143+49.92	1143+77.19	RT	CONCRETE CURB	27.3	LF	
31	RTE. 1	1143+86.37	1144+32.88	RT	CONCRETE CURB	46.6	LF	
31	RTE. 1	1144+01.87	1145+24.22	LT	CONCRETE CURB	122.8	LF	
32	RTE. 1	1148+21.35	1150+73.77	RT	MEDIAN	81.2	SY	
32	RTE. 1	1148+90.00	1149+50.36	LT	CONCRETE CURB	60.4	LF	
32	RTE. 1	1149+30.89	1152+20.90	RT	CONCRETE CURB	295.9	LF	
32	RTE. 1	1150+27.73	1152+01.35	LT	CONCRETE CURB	175.1	LF	
32	RTE. 1	1151+83.89	1152+75.09	LT	DRIVE ENTRANCE	80.2	SY	
32	RTE. 1	1152+52.25	1152+65.08	LT	CURB RAMP	5.7	SY	
32	RTE. 1	1152+58.05	1153+43.45	LT	CONCRETE CURB	90.3	LF	
32	RTE. 1	1152+81.47	1154+47.55	RT	CONCRETE CURB	166.6	LF	
32	RTE. 1	1153+38.14	1153+79.55	LT	DRIVE ENTRANCE	32.2	SY	
32	RTE. 1	1153+74.55	1154+74.54	LT	CONCRETE CURB	102.8	LF	
32	RTE. 1	1154+57.29	1154+82.62	RT	SAWCUT	25.4	LF	NE PENCE AVE
32	RTE. 1	1154+95.78	1155+94.30	RT	CONCRETE CURB	99.9	LF	
32	RTE. 1	1154+96.00	1155+19.37	LT	SAWCUT	23.4	LF	NE 50TH ST
32-33	RTE. 1	1155+42.37	1158+63.12	LT	CONCRETE CURB	322.5	LF	
32-33	RTE. 1	1155+45.45	1156+47.36	LT	4' SIDEWALK	46.8	SY	

CONTINUES ON SHEET 3 OF 20

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 6 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
32	RTE. 1	1155+89.10	1156+16.41	RT	DRIVE ENTRANCE	14.5	SY	
32-33	RTE. 1	1156+09.60	1156+77.60	RT	CONCRETE CURB	71.7	LF	
33	RTE. 1	1156+74.37	1157+01.35	RT	DRIVE ENTRANCE	16.6	SY	
33	RTE. 1	1156+96.61	1157+80.70	RT	CONCRETE CURB	86.6	LF	
33	RTE. 1	1157+76.30	1157+99.18	RT	DRIVE ENTRANCE	12.3	SY	
33	RTE. 1	1157+94.76	1159+03.69	RT	CONCRETE CURB	110.9	LF	
33	RTE. 1	1158+11.55	1158+21.55	LT	4' SIDEWALK	4.8	SY	
33	RTE. 1	1158+56.67	1158+98.91	LT	DRIVE ENTRANCE	30.1	SY	
33	RTE. 1	1158+94.75	1159+74.68	LT	CONCRETE CURB	83.6	LF	
33	RTE. 1	1158+99.32	1159+25.56	RT	DRIVE ENTRANCE	14.9	SY	
33	RTE. 1	1159+22.20	1160+77.01	RT	CONCRETE CURB	156.8	LF	
33	RTE. 1	1159+40.26	1159+50.26	LT	4' SIDEWALK	5.1	SY	
33	RTE. 1	1159+70.13	1159+96.83	LT	DRIVE ENTRANCE	15.1	SY	
33	RTE. 1	1159+91.94	1160+06.94	LT	4' SIDEWALK	7.9	SY	
33	RTE. 1	1159+92.45	1160+46.29	LT	CONCRETE CURB	55.8	LF	
33	RTE. 1	1160+42.63	1160+67.60	LT	DRIVE ENTRANCE	13.2	SY	
33	RTE. 1	1160+64.51	1161+17.28	LT	CONCRETE CURB	54.0	LF	
33	RTE. 1	1160+70.05	1160+96.34	RT	DRIVE ENTRANCE	14.8	SY	
33	RTE. 1	1160+91.86	1162+99.05	RT	CONCRETE CURB	209.8	LF	
33	RTE. 1	1161+12.68	1161+37.96	LT	DRIVE ENTRANCE	12.9	SY	
33	RTE. 1	1161+33.97	1162+03.13	LT	CONCRETE CURB	71.1	LF	
33	RTE. 1	1162+00.75	1162+18.63	LT	DRIVE ENTRANCE	9.2	SY	
33	RTE. 1	1162+16.40	1162+71.01	LT	CONCRETE CURB	56.7	LF	
33	RTE. 1	1162+54.90	1162+59.55	LT	4' SIDEWALK	2.3	SY	
33	RTE. 1	1162+68.78	1162+94.84	LT	DRIVE ENTRANCE	13.0	SY	
33	RTE. 1	1162+92.64	1163+84.16	LT	CONCRETE CURB	93.1	LF	
33	RTE. 1	1162+93.34	1163+15.11	RT	DRIVE ENTRANCE	11.9	SY	
33	RTE. 1	1163+11.27	1164+28.32	RT	CONCRETE CURB	119.0	LF	
33	RTE. 1	1163+70.75	1163+85.65	LT	CURB RAMP	5.2	SY	
33	RTE. 1	1163+80.50	1164+13.46	LT	DRIVE ENTRANCE	38.9	SY	
33	RTE. 1	1164+08.32	1164+24.25	LT	CURB RAMP	6.1	SY	
33	RTE. 1	1164+09.96	1166+61.69	LT	CONCRETE CURB	258.6	LF	
33	RTE. 1	1164+23.78	1164+45.63	RT	DRIVE ENTRANCE	10.9	SY	
33	RTE. 1	1164+41.63	1165+03.71	RT	CONCRETE CURB	63.6	LF	
33	RTE. 1	1164+98.93	1165+22.11	RT	DRIVE ENTRANCE	12.1	SY	
33	RTE. 1	1165+18.20	1165+75.27	RT	CONCRETE CURB	58.8	LF	
33	RTE. 1	1165+70.32	1165+92.12	RT	DRIVE ENTRANCE	11.8	SY	
33	RTE. 1	1165+87.32	1166+60.19	RT	CONCRETE CURB	75.4	LF	
33	RTE. 1	1166+46.52	1166+61.77	LT	CURB RAMP	6.3	LF	
33	RTE. 1	1166+56.79	1166+71.96	RT	DRIVE ENTRANCE	9.1	SY	
33	RTE. 1	1166+60.41	1166+83.83	LT	DRIVE ENTRANCE	23.4	SY	
33-34	RTE. 1	1166+82.12	1168+16.77	LT	CONCRETE CURB	148.9	LF	
33-34	RTE. 1	1166+82.16	1168+38.70	LT	4' SIDEWALK	66.7	SY	
33-34	RTE. 1	1166+92.66	1167+30.36	RT	SAWCUT	37.7	LF	NE 48TH ST
34	RTE. 1	1167+40.56	1168+07.75	RT	CONCRETE CURB	69.0	LF	
34	RTE. 1	1168+03.60	1168+24.97	RT	DRIVE ENTRANCE	11.7	SY	
34	RTE. 1	1168+20.71	1168+40.16	RT	CONCRETE CURB	22.0	LF	
34	RTE. 1	1168+35.15	1168+58.60	RT	DRIVE ENTRANCE	12.9	SY	
34	RTE. 1	1168+41.11	1168+82.17	LT	SAWCUT	41.1	LF	NE 47H TERR
34	RTE. 1	1168+53.70	1169+01.50	RT	CONCRETE CURB	49.4	LF	
34	RTE. 1	1168+86.53	1169+03.54	LT	CURB RAMP	7.2	SY	
34	RTE. 1	1168+86.60	1171+91.11	LT	CONCRETE CURB	307.8	LF	
34	RTE. 1	1168+96.25	1169+18.17	RT	DRIVE ENTRANCE	11.7	SY	
34	RTE. 1	1169+13.90	1169+81.20	RT	CONCRETE CURB	69.2	LF	
34	RTE. 1	1169+76.94	1169+97.29	RT	DRIVE ENTRANCE	10.8	SY	
34	RTE. 1	1169+93.53	1170+57.17	RT	CONCRETE CURB	65.9	LF	
34	RTE. 1	1170+74.32	1171+10.74	RT	SAWCUT	36.4	LF	NE 47TH ST
34	RTE. 1	1171+23.29	1171+98.04	RT	CONCRETE CURB	74.6	LF	
34	RTE. 1	1171+88.18	1172+08.94	LT	DRIVE ENTRANCE	11.3	SY	
34	RTE. 1	1171+92.61	1172+21.88	RT	DRIVE ENTRANCE	13.0	SY	
34	RTE. 1	1172+08.94	1172+52.70	LT	SAWCUT	56.4	LF	NE 47TH ST
34	RTE. 1	1172+15.64	1172+78.42	RT	CONCRETE CURB	64.9	LF	
34	RTE. 1	1172+53.88	1172+65.95	LT	CURB RAMP	4.8	SY	
34	RTE. 1	1172+54.05	1173+90.56	LT	CONCRETE CURB	140.7	LF	

CONTINUES ON SHEET 4 OF 20

SUMMARY OF QUANTITIES
SHEET 3 OF 20

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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Missouri Cert. of Authority #2003007599

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 7 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
34	RTE. 1	1172+74.61	1172+96.41	RT	DRIVE ENTRANCE	9.7	SY	
34	RTE. 1	1172+90.62	1173+78.76	RT	CONCRETE CURB	90.3	LF	
34	RTE. 1	1173+74.28	1173+99.30	RT	DRIVE ENTRANCE	11.3	SY	
34	RTE. 1	1173+87.52	1174+12.68	LT	DRIVE ENTRANCE	14.8	SY	
34	RTE. 1	1173+94.80	1175+02.77	RT	CONCRETE CURB	110.0	LF	
34-35	RTE. 1	1174+09.65	1179+60.30	LT	CONCRETE CURB	555.3	LF	
34	RTE. 1	1174+98.74	1175+19.39	RT	DRIVE ENTRANCE	8.9	SY	
34	RTE. 1	1175+15.03	1175+65.60	RT	CONCRETE CURB	52.2	LF	
34	RTE. 1	1175+77.94	1176+14.72	RT	SAWCUT	36.8	LF	NE 46TH TERR
34	RTE. 1	1176+20.43	1176+40.23	RT	CURB RAMP	8.2	SY	
34	RTE. 1	1176+28.23	1177+31.60	RT	CONCRETE CURB	104.7	LF	
34	RTE. 1	1177+27.52	1177+47.00	RT	DRIVE ENTRANCE	10.5	SY	
34	RTE. 1	1177+43.20	1177+96.58	RT	CONCRETE CURB	55.2	LF	
34-35	RTE. 1	1177+91.86	1178+13.09	RT	DRIVE ENTRANCE	11.0	SY	
35	RTE. 1	1178+08.30	1179+54.35	RT	4' SIDEWALK	67.5	SY	
35	RTE. 1	1178+09.40	1179+53.16	RT	CONCRETE CURB	146.2	LF	
35	RTE. 1	1179+28.39	1179+58.29	LT	CURB RAMP	14.7	SY	
35	RTE. 1	1179+58.60	1179+94.82	RT	SAWCUT	36.2	LF	NE 46TH ST
35	RTE. 1	1179+60.30	1180+03.88	LT	SAWCUT	43.6	LF	NE 46TH ST
35	RTE. 1	1179+99.39	1185+05.77	RT	CONCRETE CURB	509.6	LF	
35	RTE. 1	1179+99.60	1180+24.70	RT	CURB RAMP	11.0	SY	
35	RTE. 1	1180+08.36	1180+26.50	LT	CURB RAMP	8.3	SY	
35	RTE. 1	1180+16.38	1181+85.39	LT	CONCRETE CURB	171.2	LF	
35	RTE. 1	1181+67.94	1182+17.94	RT	4' SIDEWALK	23.8	SY	
35	RTE. 1	1181+80.56	1182+01.64	LT	DRIVE ENTRANCE	11.3	SY	
35	RTE. 1	1181+97.11	1183+43.43	LT	CONCRETE CURB	149.4	LF	
35	RTE. 1	1183+38.54	1183+59.04	LT	DRIVE ENTRANCE	12.8	SY	
35	RTE. 1	1183+55.03	1183+92.71	LT	CONCRETE CURB	40.3	LF	
35	RTE. 1	1183+80.88	1183+86.19	LT	4' SIDEWALK	2.5	SY	
35	RTE. 1	1184+01.80	1184+43.93	LT	SAWCUT	43.0	LF	NE 45TH ST
35	RTE. 1	1184+55.68	1184+70.24	LT	CONCRETE CURB	16.2	LF	
35	RTE. 1	1184+67.24	1184+85.73	LT	DRIVE ENTRANCE	10.1	SY	
35	RTE. 1	1184+81.92	1185+44.49	LT	CONCRETE CURB	64.9	LF	
35	RTE. 1	1185+01.39	1185+25.91	RT	DRIVE ENTRANCE	18.7	SY	
35	RTE. 1	1185+17.51	1186+46.82	RT	4' SIDEWALK	54.7	SY	
35	RTE. 1	1185+25.91	1187+24.77	RT	CONCRETE CURB	204.5	LF	
35	RTE. 1	1185+41.59	1185+60.42	LT	DRIVE ENTRANCE	9.9	SY	
35	RTE. 1	1185+56.14	1186+89.32	LT	CONCRETE CURB	138.8	LF	
35	RTE. 1	1186+83.72	1187+07.28	LT	DRIVE ENTRANCE	19.4	SY	
35	RTE. 1	1187+01.45	1188+31.61	LT	CONCRETE CURB	137.0	LF	
35	RTE. 1	1187+02.90	1187+15.11	LT	CURB RAMP	5.6	SY	
35	RTE. 1	1187+09.74	1187+24.77	RT	CURB RAMP	6.9	SY	
35	RTE. 1	1187+20.77	1187+40.01	RT	DRIVE ENTRANCE	16.4	SY	
35	RTE. 1	1187+36.01	1187+59.72	RT	CONCRETE CURB	35.7	LF	
35	RTE. 1	1187+36.10	1187+59.65	RT	4' SIDEWALK	9.8	SY	
35	RTE. 1	1187+55.71	1187+74.99	RT	DRIVE ENTRANCE	16.8	SY	
35-36	RTE. 1	1187+70.99	1189+40.89	RT	CONCRETE CURB	178.5	LF	
35	RTE. 1	1187+71.26	1187+86.26	RT	CURB RAMP	6.5	SY	
35	RTE. 1	1188+28.16	1188+48.47	LT	DRIVE ENTRANCE	11.2	SY	
35	RTE. 1	1188+43.07	1188+59.02	LT	CONCRETE CURB	18.6	LF	
35	RTE. 1	1188+54.19	1188+74.00	LT	DRIVE ENTRANCE	12.1	SY	
35-36	RTE. 1	1188+70.16	1189+24.07	LT	CONCRETE CURB	57.4	LF	
36	RTE. 1	1189+20.13	1189+39.18	LT	DRIVE ENTRANCE	10.6	SY	
36	RTE. 1	1189+21.27	1189+39.48	RT	CURB RAMP	7.3	SY	
36	RTE. 1	1189+35.81	1189+45.69	LT	CONCRETE CURB	12.4	LF	
36	RTE. 1	1189+40.39	1189+86.49	RT	SAWCUT	46.1	LF	NE 44TH TERR
36	RTE. 1	1189+42.73	1189+60.65	LT	DRIVE ENTRANCE	9.6	SY	
36	RTE. 1	1189+57.56	1191+12.26	LT	CONCRETE CURB	157.3	LF	
36	RTE. 1	1189+85.26	1190+18.25	RT	CONCRETE CURB	44.2	LF	
36	RTE. 1	1190+06.26	1190+62.75	RT	DRIVE ENTRANCE	73.0	SY	
36	RTE. 1	1190+48.11	1190+93.90	RT	CONCRETE CURB	71.4	LF	
36	RTE. 1	1190+73.21	1190+94.09	RT	CURB RAMP	9.2	SY	
36	RTE. 1	1190+84.19	1191+35.16	RT	DRIVE ENTRANCE	99.1	SY	
36	RTE. 1	1191+08.50	1191+27.82	LT	DRIVE ENTRANCE	10.7	SY	

CONTINUES ON SHEET 4 OF 20

REMOVAL OF IMPROVEMENTS (CONT.) (TABLE 8 OF 8)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
36	RTE. 1	1191+24.87	1192+23.47	LT	CONCRETE CURB	100.5	LF	
36	RTE. 1	1191+24.94	1192+08.65	RT	4' SIDEWALK	36.2	SY	
36	RTE. 1	1191+25.15	1192+08.63	RT	CONCRETE CURB	118.1	LF	
36	RTE. 1	1191+99.13	1192+50.91	RT	DRIVE ENTRANCE	92.5	SY	
36	RTE. 1	1192+39.78	1192+92.52	RT	4' SIDEWALK	21.9	SY	
36	RTE. 1	1192+39.85	1192+98.78	RT	CONCRETE CURB	88.4	LF	
36	RTE. 1	1192+44.68	1192+85.32	LT	SAWCUT	40.6	LF	NE 44TH ST
36	RTE. 1	1192+93.12	1193+24.70	RT	DRIVE ENTRANCE	41.7	SY	
36	RTE. 1	1193+20.35	1193+22.24	LT	SAWCUT	25.1	LF	
36	RTE. 1	1193+22.24	1193+24.70	RT	SAWCUT	32.5	LF	
39	NE 64TH ST	98+25.00	99+14.16	LT	CONCRETE CURB	89.2	LF	
39	NE 64TH ST	98+25.00	99+16.61	RT	4' SIDEWALK	38.8	SY	
39	NE 64TH ST	98+25.00	99+16.62	RT	CONCRETE CURB	91.6	LF	
39	NE 64TH ST	98+25.00	99+16.70	LT	4' SIDEWALK	41.7	SY	
39	NE 64TH ST	98+25.00	99+49.87	LT	MEDIAN	46.7	SY	
39	NE 64TH ST	100+51.11	101+65.00	RT	MEDIAN	42.8	SY	
39	NE 64TH ST	101+20.01	101+65.00	RT	CONCRETE CURB	45.0	LF	
39	NE 64TH ST	101+20.29	101+65.00	LT	4' SIDEWALK	19.5	SY	
39	NE 64TH ST	101+20.56	101+64.95	RT	4' SIDEWALK	16.5	SY	
39	NE 64TH ST	101+35.10	101+65.00	LT	CONCRETE CURB	29.9	LF	

REMOVAL OF IMPROVEMENTS = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 4 OF 20

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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)	REMARKS
5-7	1021+38.47	1021+69.95	RTE. 1	RT	104	45.5	45.5	45.5	CR-3
19-21	1059+20.11	1061+21.00	RTE. 1	LT	-	88.9	88.9	88.9	
21	1061+22.61	1061+47.93	RTE. 1	RT	106	20.8	20.8	20.8	CR-16
21	1061+93.95	1062+33.28	RTE. 1	RT	106	74.6	74.6	74.6	CR-17
21-23	1062+22.58	1064+87.31	RTE. 1	RT	-	117.3	117.3	117.3	
29	1115+05.50	1115+26.68	RTE. 1	RT	110	16.2	16.2	16.2	CR-40
29	1115+63.60	1118+97.15	RTE. 1	LT	-	156.1	156.1	156.1	
29	1119+81.60	1121+82.43	RTE. 1	LT / RT	110	357.9	357.9	357.9	CR-42
31-32	1145+19.89	1146+61.11	RTE. 1	LT	-	64.7	64.7	64.7	
32	1148+20.82	1150+74.48	RTE. 1	RT	-	111.2	111.2	111.2	
39	98+25.00	99+49.96	NE 64TH ST	LT	-	55.3	55.3	55.3	INTERSECTION PLAN 3 OF 6
39	100+51.10	101+65.00	NE 64TH ST	RT	-	50.4	50.4	50.4	INTERSECTION PLAN 3 OF 6
					SUBTOTAL	1158.9	1158.9	1158.9	
					TOTAL	1159	1158.9	1158.9	

PAVEMENT & OVERLAY (FOR MAINLINE & SIDEROADS)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK) (SY)	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	RTE. 1	1009+73.95	1010+80.00	LT / RT	348.3	-	-	-
1-3	RTE. 1	1010+80.00	1016+20.00	LT / RT	4068.9	-	-	-
3-5	RTE. 1	1016+20.00	1021+60.00	LT / RT	4446.2	-	-	-
5-7	RTE. 1	1021+60.00	1027+00.00	LT / RT	4058.7	-	-	-
7-9	RTE. 1	1027+00.00	1032+40.00	LT / RT	3159.2	-	-	-
9-11	RTE. 1	1032+40.00	1037+80.00	LT / RT	3401.6	-	-	-
11-13	RTE. 1	1037+80.00	1043+20.00	LT / RT	3151.3	-	-	-
13-15	RTE. 1	1043+20.00	1048+60.00	LT / RT	3259.7	-	-	-
15-17	RTE. 1	1048+60.00	1054+00.00	LT / RT	3266.9	-	-	-
17-19	RTE. 1	1054+00.00	1059+40.00	LT / RT	4276.9	-	-	-
19-21	RTE. 1	1059+40.00	1064+80.00	LT / RT	5718.2	-	-	-
21-23	RTE. 1	1064+80.00	1065+11.00	LT / RT	224.5	-	-	-
23	RTE. 1	1065+11.00	1070+20.00	LT / RT	-	383.7	283.5	449.2
23-25	RTE. 1	1070+20.00	1075+40.00	LT / RT	-	343.1	253.4	401.6
25	RTE. 1	1075+40.00	1080+80.00	LT / RT	-	374.9	277.0	438.9
25-26	RTE. 1	1080+80.00	1086+20.00	LT / RT	-	347.9	257.0	407.3
26	RTE. 1	1086+20.00	1091+60.00	LT / RT	-	373.8	276.1	437.5
26-27	RTE. 1	1091+60.00	1097+00.00	LT / RT	-	348.9	257.7	408.4
27	RTE. 1	1097+00.00	1102+40.00	LT / RT	-	344.9	254.8	403.7
27-28	RTE. 1	1102+40.00	1107+80.00	LT / RT	-	344.8	254.7	403.6
28	RTE. 1	1104+88.23	1105+26.29	RT	-	5.2	3.9	6.1
28	RTE. 1	1107+80.00	1113+20.00	LT / RT	-	350.6	259.0	410.4
28-29	RTE. 1	1113+20.00	1118+60.00	LT / RT	-	538.5	397.8	630.4
29	RTE. 1	1118+60.00	1124+00.00	LT / RT	-	440.5	325.5	515.7
29	RTE. 1	1124+00.00	1129+40.00	LT / RT	-	333.0	246.0	389.8
30	RTE. 1	1129+40.00	1134+80.00	LT / RT	-	368.2	272.0	431.0
30	RTE. 1	1134+80.00	1140+20.00	LT / RT	-	380.6	281.1	445.5
31	RTE. 1	1140+20.00	1145+60.00	LT / RT	-	376.1	277.9	440.3
31	RTE. 1	1145+60.00	1151+00.00	LT / RT	-	443.5	327.6	519.2
32	RTE. 1	1151+00.00	1156+40.00	LT / RT	-	389.3	287.6	455.7
32	RTE. 1	1156+40.00	1161+80.00	LT / RT	-	332.9	246.0	389.7
33	RTE. 1	1161+80.00	1167+20.00	LT / RT	-	339.0	250.4	396.8
33-34	RTE. 1	1167+20.00	1172+60.00	LT / RT	-	366.7	270.9	429.3
34	RTE. 1	1172+60.00	1178+00.00	LT / RT	-	347.0	256.3	406.1
34	RTE. 1	1178+00.00	1183+40.00	LT / RT	-	351.8	259.9	411.8
35	RTE. 1	1183+40.00	1188+80.00	LT / RT	-	342.4	252.9	400.8
35-36	RTE. 1	1188+80.00	1194+24.70	LT / RT	-	289.0	213.5	338.3
					SUBTOTAL	39380.4	8856.3	6542.5	10367.1
					TOTAL	39381	8856.3	6542.5	10368

PAVEMENT ALTERNATE A

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	CONCRETE PAVEMENT (10" NON-REINFORCED) (SY)	REMARKS
1	RTE. 1	1009+73.95	1010+80.00	LT / RT	348.3	
1-3	RTE. 1	1010+80.00	1016+20.00	LT / RT	4068.9	
3-5	RTE. 1	1016+20.00	1021+60.00	LT / RT	4446.2	
5-7	RTE. 1	1021+60.00	1027+00.00	LT / RT	4058.7	
7-9	RTE. 1	1027+00.00	1032+40.00	LT / RT	3159.2	
9-11	RTE. 1	1032+40.00	1037+80.00	LT / RT	3401.6	
11-13	RTE. 1	1037+80.00	1043+20.00	LT / RT	3151.3	
13-15	RTE. 1	1043+20.00	1048+60.00	LT / RT	3259.7	
15-17	RTE. 1	1048+60.00	1054+00.00	LT / RT	3266.9	
17-19	RTE. 1	1054+00.00	1059+40.00	LT / RT	4276.9	
19-21	RTE. 1	1059+40.00	1064+80.00	LT / RT	5718.2	
21-23	RTE. 1	1064+80.00	1065+11.00	LT / RT	224.5	
				SUBTOTAL	39380.4	
				TOTAL	39380.4	

PAVEMENT ALTERNATE B

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	12.5" ASPHALTIC CONCRETE PAVEMENT (SY)	REMARKS
1	RTE. 1	1009+73.95	1010+80.00	LT / RT	348.3	
1-3	RTE. 1	1010+80.00	1016+20.00	LT / RT	4068.9	
3-5	RTE. 1	1016+20.00	1021+60.00	LT / RT	4446.2	
5-7	RTE. 1	1021+60.00	1027+00.00	LT / RT	4058.7	
7-9	RTE. 1	1027+00.00	1032+40.00	LT / RT	3159.2	
9-11	RTE. 1	1032+40.00	1037+80.00	LT / RT	3401.6	
11-13	RTE. 1	1037+80.00	1043+20.00	LT / RT	3151.3	
13-15	RTE. 1	1043+20.00	1048+60.00	LT / RT	3259.7	
15-17	RTE. 1	1048+60.00	1054+00.00	LT / RT	3266.9	
17-19	RTE. 1	1054+00.00	1059+40.00	LT / RT	4276.9	
19-21	RTE. 1	1059+40.00	1064+80.00	LT / RT	5718.2	
21-23	RTE. 1	1064+80.00	1065+11.00	LT / RT	224.5	
				SUBTOTAL	39380.4	
				TOTAL	39380.4	

SUMMARY OF QUANTITIES
SHEET 5 OF 20

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

DATE PREPARED 3/28/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY CLAY
JOB NO. J4S3412
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 Ter., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

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)	REMARKS
26	RTE. 1	1065+11.00	1068+00.00	LT / RT	2296.4	1065+11.00 TO N WABASH AVE
26-28	RTE. 1	1068+00.00	1073+00.00	LT / RT	2792.9	N WABASH AVE TO NE 63RD PL
28	RTE. 1	1073+00.00	1077+50.00	LT / RT	2855.9	NE 63RD PL TO NE BROOKTREE LN
28-29	RTE. 1	1077+50.00	1081+00.00	LT / RT	2166.7	NE BROOKTREE LN TO NE 61ST ST
29	RTE. 1	1081+00.00	1088+00.00	LT / RT	4044.9	NE 61ST ST TO NE 60TH ST
29	RTE. 1	1088+00.00	1091+00.00	LT / RT	1983.5	NE 60TH ST TO NE 59TH TERR
29-30	RTE. 1	1091+00.00	1095+00.00	LT / RT	2060.1	NE 59TH TERR TO NE 59TH ST
30	RTE. 1	1095+00.00	1098+50.00	LT / RT	2048.4	NE 59TH ST TO NE 58TH TERR
30	RTE. 1	1098+50.00	1101+75.00	LT / RT	1878.4	NE 58TH TERR TO NE 58TH ST
30-31	RTE. 1	1101+75.00	1105+00.00	LT / RT	2017.0	NE 58TH ST TO NE 57TH TERR
31	RTE. 1	1105+00.00	1105+25.00	RT	47.0	NE 57TH TERR SIDEROAD
31	RTE. 1	1105+25.00	1111+00.00	LT / RT	3364.7	NE 57TH TERR TO NE 56TH TERR
31-32	RTE. 1	1111+00.00	1115+50.00	LT / RT	3627.2	NE 56TH TER TO NE ENGLEWOOD RD / NE 56TH ST
32	RTE. 1	1115+50.00	1119+50.00	LT / RT	3533.8	NE 56TH ST TO NE CHOUTEAU TRAFFICWAY
32-33	RTE. 1	1119+50.00	1133+25.00	LT / RT	8062.7	NE CHOUTEAU TRAFFICWAY TO NE 53RD ST
33-34	RTE. 1	1133+25.00	1136+00.00	LT / RT	1935.0	NE 53RD ST TO NE 52ND TERR
34	RTE. 1	1136+00.00	1139+00.00	LT / RT	1826.7	NE 52ND TERR TO NE 52ND ST
34	RTE. 1	1139+00.00	1143+00.00	LT / RT	2310.8	NE 52ND ST TO NE 51ST TERR
34-35	RTE. 1	1143+00.00	1147+00.00	LT / RT	2906.5	NE 51ST TERR TO NE VIVION RD
35	RTE. 1	1147+00.00	1155+00.00	LT / RT	5926.5	NE VIVION RD TO NE 50TH ST
35-36	RTE. 1	1155+00.00	1167+00.00	LT / RT	6757.9	NE 50TH ST TO NE 48TH ST
36-37	RTE. 1	1167+00.00	1168+50.00	LT / RT	966.3	NE 48TH ST TO NE 47TH TERR
37	RTE. 1	1168+50.00	1172+25.00	LT / RT	2243.1	NE 47TH TERR TO NE 47TH ST
37	RTE. 1	1172+25.00	1176+00.00	LT / RT	2149.7	NE 47TH ST TO NE 46TH TERR
37-38	RTE. 1	1176+00.00	1179+75.00	LT / RT	2249.0	NE 46TH TERR TO NE 46TH ST
38	RTE. 1	1179+75.00	1184+25.00	LT / RT	2616.6	NE 46TH ST TO 44TH TERR
38-39	RTE. 1	1184+25.00	1189+50.00	LT / RT	3006.3	NE 44TH TERR TO NE 44TH ST
39	RTE. 1	1189+50.00	1193+24.70	LT / RT	2025.2	NE 44TH ST TO I-35 SB ON RAMP
				TOTAL	79699.2	
				TOTAL	79700	

SIDEWALK MANICURING = 1 LUMP SUM

MOBILIZATION = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING = 1 LUMP SUM

VOLUME GRADING

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	CLASS A (CY)	CLASS 4 (CY)	COMPACTING EMBANKMENT (CY)	SUBGRADE COMPACTION (STA.)	NO DIRECT PAY EXCESS FOR INFO ONLY (CY)	REMARKS
1 - 23	RTE. 1	1009+75.00	1065+11.00	LT / RT	7974.1	53.3	122.7	55.4	7851.4	
				TOTAL	7975	54	123	56	7852	

SEEDING & MULCHING

BEGIN STA.	END STA.	ROADWAY	LOCATION	SEEDING COOL-SEASON GRASSES (ACRES)	MULCHING (ACRES)	REMARKS
1009+66.12	1021+04.05	RTE. 1	LT	0.19	0.19	NE 72ND ST TO NE 70TH ST
1010+50.00	1021+09.66	RTE. 1	RT	0.19	0.19	NE 72ND ST TO NE 70TH ST
1021+45.34	1026+26.50	RTE. 1	LT	0.08	0.08	NE 70TH ST TO NE 69TH TERR
1021+55.46	1032+61.52	RTE. 1	RT	0.21	0.21	NE 70TH ST TO NE 68TH ST
1026+77.35	1029+34.40	RTE. 1	LT	0.05	0.05	NE 69TH TERR TO NE 69TH ST
1029+91.86	1032+56.53	RTE. 1	LT	0.05	0.05	NE 69TH ST TO NE 68TH TERR
1032+99.77	1048+15.62	RTE. 1	RT	0.28	0.28	NE 68TH ST TO NE 66TH ST
1033+06.01	1042+24.07	RTE. 1	LT	0.17	0.17	NE 68TH ST TO NE 67TH TERR
1043+04.83	1061+53.94	RTE. 1	LT	0.31	0.31	NE 67TH TERR TO NE 64TH ST
1048+45.61	1061+44.84	RTE. 1	RT	0.05	0.05	NE 66TH ST TO NE 65TH TERR
1051+96.04	1057+58.18	RTE. 1	RT	0.17	0.17	NE 65TH TERR TO NE 64TH ST
1061+98.94	1065+11.00	RTE. 1	LT	0.06	0.06	NE 64TH ST TO 1065+11.00
1062+03.08	1065+11.00	RTE. 1	RT	0.06	0.06	NE 64TH ST TO 1065+11.00
1065+11.00	1066+45.50	RTE. 1	LT	0.02	0.02	1065+11.00 TO OLD ANTIOCH RD
1065+11.00	1067+60.05	RTE. 1	RT	0.03	0.03	1065+11.00 TO N WABASH AVE
1067+91.80	1072+79.69	RTE. 1	LT	0.05	0.05	OLD ANTIOCH RD TO N CHESTNUT AVE
1068+88.83	1072+75.55	RTE. 1	RT	0.06	0.06	N WABASH AVE TO NE 63RD PL
1073+15.81	1077+24.25	RTE. 1	LT	0.08	0.08	N CHESTNUT AVE TO NE BROOKTREE LN
1073+30.77	1076+98.46	RTE. 1	RT	0.07	0.07	NE 63RD PL TO NE 61ST TERR
1077+87.95	1087+90.07	RTE. 1	LT	0.16	0.16	NE BROOKTREE LN TO NE 60TH ST
1077+98.57	1080+89.10	RTE. 1	RT	0.02	0.02	NE 61ST TERR TO NE 61ST ST
1081+32.60	1087+87.09	RTE. 1	RT	0.09	0.09	NE 61ST ST TO NE 60TH ST
1088+30.85	1091+16.07	RTE. 1	RT	0.05	0.05	NE 60TH ST TO NE 59TH TERR
1088+45.90	1097+84.99	RTE. 1	LT	0.13	0.13	NE 60TH ST TO NE 58TH TERR
1091+60.18	1094+50.96	RTE. 1	RT	0.05	0.05	NE 59TH TERR TO NE 59TH ST
1095+06.14	1098+02.85	RTE. 1	RT	0.05	0.05	NE 59TH ST TO NE 58TH TERR
1098+63.12	1101+54.75	RTE. 1	RT	0.04	0.04	NE 58TH TERR TO NE 58TH ST
1099+03.56	1104+51.30	RTE. 1	LT	0.08	0.08	NE 58TH TERR TO NE 57TH TERR
1102+17.27	1104+67.02	RTE. 1	RT	0.04	0.04	NE 58TH ST TO NE 57TH TERR
1104+87.02	1110+94.04	RTE. 1	LT	0.09	0.09	NE 57TH TERR TO NE 56TH TERR
1105+49.95	1114+30.00	RTE. 1	RT	0.10	0.10	NE 57TH TERR TO NE ENGLEWOOD RD
1111+34.78	1114+72.81	RTE. 1	LT	0.07	0.07	NE 56TH TERR TO NE 56TH ST
1115+76.88	1118+97.02	RTE. 1	LT	0.06	0.06	NE 56TH ST TO NE CHOUTEAU TRAFFICWAY
1115+78.40	1132+69.66	RTE. 1	RT	0.23	0.23	NE ENGLEWOOD RD TO NE 53RD ST
1120+15.75	1132+58.93	RTE. 1	LT	0.18	0.18	NE CHOUTEAU TRAFFICWAY TO NE 53RD ST
1133+68.16	1145+24.25	RTE. 1	LT	0.11	0.11	NE 53RD ST TO NE VIVION RD
1133+71.06	1135+39.59	RTE. 1	RT	0.03	0.03	NE 53RD ST TO NE 52ND TERR
1136+21.56	1138+74.28	RTE. 1	RT	0.05	0.05	NE 52ND TERR TO NE 52ND ST
1139+44.48	1142+29.14	RTE. 1	RT	0.04	0.04	NE 52ND ST TO NE 51ST TERR
1143+49.92	1145+73.73	RTE. 1	RT	0.01	0.01	NE 51ST TERR TO NE VIVION RD
1148+90.00	1154+74.54	RTE. 1	LT	0.07	0.07	NE VIVION RD TO NE 50TH ST
1149+30.89	1154+47.55	RTE. 1	RT	0.07	0.07	NE VIVION RD TO NE PENCE AVE
1154+95.78	1166+84.25	RTE. 1	RT	0.18	0.18	NE PENCE AVE TO NE 48TH ST
1155+42.37	1168+36.18	RTE. 1	LT	0.19	0.19	NE 50TH ST TO NE 47TH TERR
1167+40.56	1170+58.17	RTE. 1	RT	0.04	0.04	NE 48TH ST TO NE 47TH ST
1168+86.60	1172+08.96	RTE. 1	LT	0.05	0.05	NE 47TH TERR TO NE 47TH ST
1171+23.29	1175+65.60	RTE. 1	RT	0.06	0.06	NE 47TH ST TO NE 46TH TERR
1172+54.05	1179+60.30	RTE. 1	LT	0.13	0.13	NE 47TH ST TO NE 46TH ST
1176+28.21	1179+53.16	RTE. 1	RT	0.05	0.05	NE 46TH TERR TO NE 46TH ST
1179+99.39	1189+40.89	RTE. 1	RT	0.16	0.16	NE 46TH ST TO NE 44TH TERR
1180+08.11	1183+92.71	RTE. 1	LT	0.06	0.06	NE 46TH ST TO NE 45TH ST
1184+55.68	1192+23.47	RTE. 1	LT	0.11	0.11	NE 45TH ST TO NE 44TH ST
1189+85.26	1193+24.51	RTE. 1	RT	0.02	0.02	NE 44TH TERR TO I-35 SB ON RAMP
			SUBTOTAL	5.1	5.1	
			TOTAL	5.1	5.1	

SUMMARY OF QUANTITIES
SHEET 6 OF 20

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: J4S3412
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)

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

ENTRANCES (PAVED APPROACH) (TABLE 1 OF 2)

ENTRANCE NUMBER	ROADWAY	STATION	LOCATION	4 IN. TYPE 5 AGGREGATE FOR BASE (SY)	7.0" PAVED APPROACH (RESIDENTIAL) (SY)	8.0" PAVED APPROACH (COMMERCIAL) (SY)	REMARKS
1	RTE. 1	1015+28.75	LT	211.72	-	211.72	
2	RTE. 1	1015+40.65	RT	40.30	-	40.30	
3	RTE. 1	1023+67.50	LT	46.09	-	46.09	
5	RTE. 1	1051+22.20	LT	40.97	-	40.97	
6	RTE. 1	1052+33.18	LT	66.64	-	66.64	
7	RTE. 1	1053+61.58	LT	130.16	-	130.16	
8	RTE. 1	1057+95.50	LT	132.67	-	132.67	
9	RTE. 1	1058+11.60	RT	53.84	-	53.84	
10	RTE. 1	1064+41.80	LT	49.14	-	49.14	
11	RTE. 1	1066+06.45	RT	38.54	38.54	-	
12	RTE. 1	1066+76.33	RT	25.23	25.23	-	
13	RTE. 1	1068+67.80	LT	62.38	-	62.38	
14	RTE. 1	1069+51.65	LT	76.35	-	76.35	
15	RTE. 1	1069+71.16	RT	33.55	33.55	-	
16	RTE. 1	1070+69.00	LT	71.28	-	71.28	
17	RTE. 1	1070+82.60	RT	49.56	49.56	-	
18	RTE. 1	1071+54.50	RT	25.30	25.30	-	
19	RTE. 1	1071+91.05	LT	76.87	-	76.87	
20	RTE. 1	1078+39.00	RT	66.75	-	66.75	
21	RTE. 1	1079+08.95	RT	65.65	-	65.65	
22	RTE. 1	1079+77.60	RT	55.17	-	55.17	
23	RTE. 1	1080+41.50	RT	50.04	-	50.04	
24	RTE. 1	1081+28.88	LT	76.66	-	76.66	
25	RTE. 1	1082+49.60	RT	24.83	-	24.83	
26	RTE. 1	1084+40.80	LT	96.32	-	96.32	
27	RTE. 1	1084+41.25	RT	116.77	-	116.77	
28	RTE. 1	1085+66.45	LT	72.27	-	72.27	
29	RTE. 1	1086+05.80	RT	69.63	-	69.63	
30	RTE. 1	1087+45.30	RT	24.43	24.43	-	
31	RTE. 1	1092+10.50	LT	50.58	-	50.58	
32	RTE. 1	1094+62.15	LT	77.44	-	77.44	
33	RTE. 1	1096+55.00	LT	114.47	-	114.47	
34	RTE. 1	1096+90.17	RT	83.86	-	83.86	
35	RTE. 1	1098+44.29	LT	270.98	-	270.98	
35	RTE. 2	1094+46.41	LT	59.08	-	59.08	
35	RTE. 3	1099+63.10	LT	63.47	-	63.47	
36	RTE. 1	1100+65.40	RT	12.96	12.96	-	
37	RTE. 1	1100+96.75	RT	9.99	9.99	-	
38	RTE. 1	1102+49.60	LT	104.05	-	104.05	
39	RTE. 1	1103+16.18	RT	68.34	-	68.34	
-	RTE. 1	1105+07.78	RT	74.25	-	74.25	NE 57TH TERR
40	RTE. 1	1106+28.85	RT	25.54	-	25.54	
41	RTE. 1	1107+16.10	RT	25.89	-	25.89	
42	RTE. 1	1107+78.15	RT	26.83	-	26.83	
43	RTE. 1	1108+59.20	RT	27.56	-	27.56	
44	RTE. 1	1109+24.00	RT	19.47	-	19.47	
45	RTE. 1	1109+63.00	LT	111.79	-	111.79	
46	RTE. 1	1110+34.65	RT	32.25	-	32.25	
47	RTE. 1	1110+46.50	LT	67.27	-	67.27	
48	RTE. 1	1111+02.35	RT	18.48	-	18.48	
-	RTE. 1	1111+15.47	LT	50.08	-	50.08	NE 56TH TERR
49	RTE. 1	1140+58.75	RT	22.63	-	22.63	
50	RTE. 1	1140+98.75	RT	39.01	-	39.01	
51	RTE. 1	1141+75.88	RT	38.21	-	38.21	
52	RTE. 1	1141+83.80	LT	122.39	-	122.39	
53	RTE. 1	1152+28.25	LT	80.44	-	80.44	
54	RTE. 1	1153+59.00	LT	32.25	-	32.25	
55	RTE. 1	1156+02.30	RT	14.75	14.75	-	
56	RTE. 1	1156+87.60	RT	16.78	16.78	-	
57	RTE. 1	1157+87.10	RT	12.49	12.49	-	
58	RTE. 1	1158+78.80	LT	30.38	30.38	-	
59	RTE. 1	1159+12.80	RT	15.06	15.06	-	
60	RTE. 1	1159.83.60	LT	15.14	15.14	-	
61	RTE. 1	1160+56.00	LT	13.42	13.42	-	
62	RTE. 1	1160+84.05	RT	14.83	14.83	-	
63	RTE. 1	1161+25.40	LT	13.00	13.00	-	
64	RTE. 1	1162+10.00	LT	9.31	9.31	-	
65	RTE. 1	1162+81.50	LT	13.38	13.38	-	
			TABLE 1 SUBTOTAL	3847.2	388.1	3459.1	

CONTINUES ON SHEET 7 OF 20

ENTRANCES (PAVED APPROACH) (CONT.) (TABLE 2 OF 2)

ENTRANCE NUMBER	ROADWAY	STATION	LOCATION	4 IN. TYPE 5 AGGREGATE FOR BASE (SY)	7.0" PAVED APPROACH (RESIDENTIAL) (SY)	8.0" PAVED APPROACH (COMMERCIAL) (SY)	REMARKS
66	RTE. 1	1163+05.05	RT	12.21	12.21	-	
67	RTE. 1	1163+97.50	RT	42.37	-	42.37	
68	RTE. 1	1164+35.00	RT	11.07	11.07	-	
69	RTE. 1	1165+10.75	RT	12.09	12.09	-	
70	RTE. 1	1165+80.85	RT	11.73	11.73	-	
71	RTE. 1	1166+65.80	RT	9.05	9.05	-	
72	RTE. 1	1166+72.00	LT	23.33	-	23.33	
73	RTE. 1	1168+14.30	RT	12.24	12.24	-	
74	RTE. 1	1168+46.55	RT	13.05	13.05	-	
75	RTE. 1	1169+07.25	RT	11.66	11.66	-	
76	RTE. 1	1169+86.20	RT	10.84	10.84	-	
77	RTE. 1	1171+96.75	LT	11.32	11.32	-	
78	RTE. 1	1172+06.65	RT	13.02	13.02	-	
79	RTE. 1	1172+84.50	RT	9.71	9.71	-	
80	RTE. 1	1173+87.20	RT	11.33	11.33	-	
81	RTE. 1	1174+00.10	LT	14.79	14.79	-	
82	RTE. 1	1175+08.55	RT	8.86	8.86	-	
83	RTE. 1	1177+37.50	RT	10.73	10.73	-	
84	RTE. 1	1178+02.65	RT	11.02	11.02	-	
85	RTE. 1	1181+91.10	LT	11.41	11.41	-	
86	RTE. 1	1183+49.25	LT	12.77	12.77	-	
87	RTE. 1	1184+76.45	LT	10.18	10.18	-	
88	RTE. 1	1185+12.40	RT	19.06	19.06	-	
89	RTE. 1	1185+50.35	LT	9.86	9.86	-	
90	RTE. 1	1186+95.40	LT	18.24	18.24	-	
91	RTE. 1	1187+30.10	RT	16.40	16.40	-	
92	RTE. 1	1187+64.65	RT	16.83	16.83	-	
93	RTE. 1	1188+37.00	LT	11.22	11.22	-	
94	RTE. 1	1188+64.50	LT	12.05	12.05	-	
95	RTE. 1	1189+30.35	LT	10.55	10.55	-	
96	RTE. 1	1189+51.70	LT	9.52	9.52	-	
-	RTE. 1	1189+63.34	RT	76.28	-	76.28	NE 44TH TERR
98	RTE. 1	1191+09.50	RT	99.47	-	99.47	
99	RTE. 1	1191+18.70	LT	10.73	10.73	-	
100	RTE. 1	1192+24.15	RT	92.50	-	92.50	
-	RTE. 1	1192+68.50	LT	102.64	-	102.64	NE 44TH ST
101	RTE. 1	1193+08.32	RT	41.67	-	41.67	
			TABLE 2 SUBTOTAL	841.8	364.0	479.0	
			TOTAL	4689	752.1	3938.1	

CONCRETE SLOPE PROTECTION

ROADWAY	BEGIN STA.	END STA.	LOCATION	4" CONCRETE SLOPE PROTECTION (SY)	REMARKS
RTE. 1	1045+21.46	1045+42.97	RT	29.4	
			SUBTOTAL	29.4	
			TOTAL	30	

SUMMARY OF QUANTITIES
SHEET 7 OF 20

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: J4S3412
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)

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

PEDESTRIAN FACILITIES (TABLE 1 OF 2)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	CONCRETE SIDEWALK 4 IN. (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	REMARKS
1	RTE. 1	1009+66.12	1009+88.29	LT	19.4	6.6	11.8	
1-3	RTE. 1	1010+50.00	1015+29.47	RT	318.7	-	-	
1	RTE. 1	1010+57.50	1010+69.50	LT	11.2	-	-	
3-5	RTE. 1	1015+48.88	1020+92.75	RT	352.8	7.5	17.4	
5	RTE. 1	1021+38.47	1021+55.20	RT	-	11.8	24.1	
5-11	RTE. 1	1021+55.50	1032+59.00	RT	716.0	36.1	25.8	
5	RTE. 1	1022+20.00	1022+32.00	LT	8.0	-	-	
9	RTE. 1	1031+32.92	1031+44.92	LT	9.5	-	-	
11	RTE. 1	1033+07.48	1033+30.06	RT	5.7	5.5	9.0	
11	RTE. 1	1033+78.83	1033+97.55	RT	12.0	-	-	
11	RTE. 1	1034+90.00	1035+05.00	RT	7.8	-	-	
11	RTE. 1	1036+90.00	1037+05.00	RT	7.8	-	-	
13	RTE. 1	1038+90.00	1039+05.00	RT	7.8	-	-	
13	RTE. 1	1040+90.00	1041+05.00	RT	7.8	-	-	
15	RTE. 1	1044+85.00	1048+15.62	RT	213.7	13.3	13.5	
15-17	RTE. 1	1048+45.61	1051+63.82	RT	192.1	34.7	27.3	
17-19	RTE. 1	1052+00.80	1055+16.54	RT	191.8	26.6	31.9	
17	RTE. 1	1052+17.22	1052+24.42	LT	3.7	-	-	
17	RTE. 1	1052+47.53	1052+66.32	LT	11.3	-	-	
17	RTE. 1	1052+70.46	1052+82.46	LT	5.8	-	-	
17	RTE. 1	1053+27.53	1053+42.59	LT	7.7	-	-	
17-19	RTE. 1	1053+84.94	1057+75.10	LT	229.3	12.7	11.9	
19	RTE. 1	1057+41.02	1057+49.02	RT	2.1	-	-	
19-21	RTE. 1	1058+17.27	1061+49.54	LT	170.5	21.3	33.7	
21	RTE. 1	1060+40.00	1061+42.79	RT	65.8	16.1	13.8	
21	RTE. 1	1061+32.50	1061+47.85	RT	-	12.0	32.3	
21	RTE. 1	1061+93.87	1062+23.24	RT	-	19.9	29.9	
21	RTE. 1	1061+97.57	1063+29.90	LT	93.6	11.3	13.7	
21	RTE. 1	1062+03.46	1064+48.14	RT	196.9	12.6	13.9	
21	NE 64TH ST	98+25.00	99+16.62	RT	46.7	-	-	
21	NE 64TH ST	98+25.00	99+14.16	LT	58.1	-	-	
21	NE 64th ST	101+20.01	101+65.00	RT	24.1	-	-	
21	NE 64th ST	101+35.10	101+65.00	LT	17.0	-	-	
23	RTE. 1	1064+62.55	1064+73.55	LT	6.5	-	-	
23	RTE. 1	1064+97.74	1066+00.44	RT	65.9	-	-	
23	RTE. 1	1066+12.78	1066+71.72	RT	36.0	-	-	
23	RTE. 1	1066+84.03	1067+60.29	RT	52.0	-	-	
23	RTE. 1	1067+92.17	1068+51.71	LT	32.9	-	-	
23	RTE. 1	1068+83.57	1069+38.05	LT	32.9	-	-	
23	RTE. 1	1068+88.83	1069+66.15	RT	48.6	-	-	
23-25	RTE. 1	1069+66.29	1070+56.00	LT	53.1	-	-	
23-25	RTE. 1	1069+76.18	1070+72.60	RT	60.0	-	-	
25	RTE. 1	1070+82.27	1071+76.10	LT	52.6	-	-	
25	RTE. 1	1070+92.61	1071+48.86	RT	34.5	-	-	
25	RTE. 1	1071+60.13	1072+75.55	RT	60.2	6.0	14.0	
25	RTE. 1	1072+06.16	1072+79.69	LT	40.2	10.0	20.3	
25	RTE. 1	1073+16.66	1077+22.85	LT	247.8	17.6	31.9	
25	RTE. 1	1074+00.51	1074+12.51	RT	10.7	-	-	
25-26	RTE. 1	1077+87.95	1081+10.16	LT	173.3	19.4	20.2	
25	RTE. 1	1078+01.77	1078+19.25	RT	9.8	-	-	
25	RTE. 1	1078+58.90	1078+89.04	RT	17.9	-	-	
25	RTE. 1	1079+29.39	1079+61.00	RT	18.5	-	-	
25	RTE. 1	1079+94.20	1080+26.50	RT	19.1	-	-	
25-26	RTE. 1	1080+56.35	1080+82.90	RT	9.3	5.2	10.7	
26	RTE. 1	1081+31.82	1081+53.39	RT	2.7	15.6	11.3	
26	RTE. 1	1081+46.70	1084+21.85	LT	153.8	-	-	
26	RTE. 1	1082+63.51	1084+23.19	RT	84.8	5.0	9.8	
26	RTE. 1	1084+59.58	1085+48.13	LT	51.3	-	-	
26	RTE. 1	1084+61.66	1085+95.00	RT	71.0	5.4	11.5	
26	RTE. 1	1085+84.77	1087+88.07	LT	109.4	9.8	10.9	
26	RTE. 1	1086+18.84	1087+39.68	RT	67.8	-	-	
26	RTE. 1	1087+51.60	1087+87.09	RT	18.5	5.4	11.8	
26	RTE. 1	1088+30.85	1088+48.23	RT	2.4	5.8	13.3	
26	RTE. 1	1089+63.73	1089+78.73	RT	7.8	-	-	
26-27	RTE. 1	1090+14.44	1091+93.74	LT	121.8	-	-	
26	RTE. 1	1090+94.43	1091+16.08	RT	5.3	5.6	12.3	
27	RTE. 1	1091+60.18	1091+85.79	RT	7.1	5.9	13.7	
27	RTE. 1	1092+27.46	1094+46.18	LT	143.3	-	-	
27	RTE. 1	1094+77.51	1096+34.99	LT	97.4	-	-	
27	RTE. 1	1095+13.47	1095+47.22	RT	11.3	6.0	14.0	
				TABLE 1 SUB TOTAL	5052.2	370.7	515.7	

CONTINUES ON SHEET 8 OF 20

PEDESTRIAN FACILITIES (CONT.) (TABLE 2 OF 2)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	CONCRETE SIDEWALK 4 IN. (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SQ FT)	REMARKS
27	RTE. 1	1096+24.00	1096+36.00	RT	4.7	-	-	
27	RTE. 1	1096+59.90	1096+72.20	RT	7.6	-	-	
27	RTE. 1	1096+74.78	1097+94.68	LT	67.0	-	-	
27	RTE. 1	1098+63.12	1098+79.32	RT	3.5	4.7	9.9	
27	RTE. 1	1098+98.98	1099+48.39	LT	27.4	-	-	
27	RTE. 1	1099+77.56	1102+28.81	LT	163.0	-	-	
27	RTE. 1	1101+25.01	1101+54.75	RT	7.2	8.7	13.3	
28	RTE. 1	1102+70.71	1104+48.54	LT	107.1	17.5	17.8	
28	RTE. 1	1102+80.92	1103+00.76	RT	11.6	-	-	
28	RTE. 1	1103+27.18	1103+45.30	RT	10.6	-	-	
28	RTE. 1	1104+88.68	1109+36.02	LT	278.2	14.9	26.7	
28	RTE. 1	1107+89.68	1108+48.91	RT	34.9	-	-	
28	RTE. 1	1109+88.36	1110+31.78	LT	23.0	-	-	
28	RTE. 1	1110+62.10	1110+91.93	LT	10.3	7.5	11.8	
28	RTE. 1	1111+08.21	1113+04.08	RT	126.7	-	-	
28-29	RTE. 1	1111+34.78	1114+72.81	LT	213.9	9.0	20.6	
29	RTE. 1	1113+69.22	1114+30.00	RT	44.2	-	-	
29	RTE. 1	1115+06.88	1115+24.85	RT	-	8.8	22.7	
29	RTE. 1	1115+76.88	1118+91.18	LT	198.2	5.0	10.0	
29	RTE. 1	1115+78.42	1122+18.47	RT	409.1	17.8	-	
29	RTE. 1	1119+93.40	1119+98.79	RT/LT	-	13.7	19.6	
29	RTE. 1	1120+15.75	1123+64.12	LT	232.4	-	-	
30	RTE. 1	1123+26.54	1124+85.93	RT	106.3	-	-	
30	RTE. 1	1124+36.60	1124+71.68	LT	26.6	-	-	
30	RTE. 1	1125+89.00	1132+19.11	LT	420.1	-	-	
30	RTE. 1	1128+10.79	1132+69.66	RT	305.8	-	-	
30-31	RTE. 1	1133+71.06	1135+39.59	RT	112.4	-	-	
31	RTE. 1	1135+46.44	1135+61.44	LT	9.0	-	-	
31	RTE. 1	1136+22.19	1138+74.28	RT	135.9	26.9	69.1	
31	RTE. 1	1136+98.25	1138+24.37	LT	84.0	-	-	
31	RTE. 1	1139+44.48	1140+51.27	RT	70.6	-	-	
31	RTE. 1	1140+66.29	1140+80.59	RT	8.8	-	-	
31	RTE. 1	1141+11.20	1141+60.25	RT	34.5	-	-	
31	RTE. 1	1141+52.62	1141+70.67	LT	6.7	3.1	9.5	
31	RTE. 1	1141+91.31	1142+32.09	RT	28.8	-	-	
31	RTE. 1	1141+97.10	1142+13.30	LT	2.6	6.6	9.2	
31	RTE. 1	1142+74.16	1143+00.60	LT	13.2	-	-	
32	RTE. 1	1152+52.04	1152+65.23	LT	2.4	4.6	10.0	
32-33	RTE. 1	1155+45.46	1156+47.36	LT	58.2	-	-	
33	RTE. 1	1158+11.55	1158+21.55	LT	4.8	-	-	
33	RTE. 1	1159+40.26	1159+50.26	LT	5.1	-	-	
33	RTE. 1	1159+91.87	1160+06.88	LT	7.9	-	-	
33	RTE. 1	1162+54.90	1162+59.52	LT	2.3	-	-	
33	RTE. 1	1163+70.75	1163+85.74	LT	8.3	-	-	
33	RTE. 1	1164+08.89	1164+24.25	LT	8.8	-	-	
33	RTE. 1	1166+46.51	1166+61.69	LT	2.5	6.2	9.0	
33-34	RTE. 1	1166+82.12	1168+34.52	LT	80.5	18.9	42.5	
34	RTE. 1	1168+86.60	1169+03.54	LT	2.7	5.4	14.2	
34	RTE. 1	1172+52.70	1172+65.95	LT	-	9.5	12.2	
34	RTE. 1	1176+19.93	1176+40.23	RT	2.5	7.2	13.8	
35	RTE. 1	1178+08.30	1179+53.16	RT	73.6	6.5	16.3	
35	RTE. 1	1179+28.39	1179+60.30	LT	9.7	11.2	33.4	
35	RTE. 1	1179+99.39	1180+24.70	RT	5.8	6.5	15.9	
35	RTE. 1	1180+09.04	1180+26.50	LT	2.7	6.2	10.0	
35	RTE. 1	1181+67.94	1182+17.94	RT	27.8	-	-	
35	RTE. 1	1183+80.83	1183+86.06	LT	2.5	-	-	
35	RTE. 1	1185+17.55	1186+46.82	RT	70.6	-	-	
35	RTE. 1	1187+01.45	1187+15.11	LT	6.8	-	-	
35	RTE. 1	1187+09.75	1187+24.42	RT	8.1	-	-	
35	RTE. 1	1187+36.01	1187+59.72	RT	13.2	-	-	
35	RTE. 1	1187+71.17	1187+86.28	RT	8.2	-	-	
36	RTE. 1	1189+21.27	1189+40.89	RT	2.5	7.6	12.2	
36	RTE. 1	1190+83.85	1190+93.90	RT	6.7	-	-	
36	RTE. 1	1191+25.15	1192+08.63	RT	47.5	-	-	
36	RTE. 1	1192+39.85	1192+98.79	RT	33.7	-	-	
36	RTE. 1	1193+11.53	1193+18.55	RT	3.9	-	-	
				TABLE 2 SUB TOTAL	3855.2	234.0	429.7	
				TOTAL	8907.4	604.7	945.4	

SUMMARY OF QUANTITIES

SHEET 8 OF 20

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

STORM INLETS AND MANHOLES (TABLE 1 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT.) (EACH)	REPLACE STORM LID (VF)	ADJUST STORM LID* (EACH)	ADJUST STORM MANHOLE (EACH)	REMARKS
2	RTE. 1	1011+27.62	LT	1	1	-	-	TYPE D
2	RTE. 1	1013+53.46	LT	1	1	-	-	TYPE D
2	RTE. 1	1013+77.06	RT	1	1	-	-	TYPE D
3	RTE. 1	1017+02.93	LT	1	1	-	-	TYPE D
3	RTE. 1	1017+27.54	RT	1	1	-	-	TYPE D
3	RTE. 1	1020+26.67	LT	1	1	-	-	TYPE D
3	RTE. 1	1020+52.39	RT	1	1	-	-	TYPE D
3	RTE. 1	1020+67.52	LT	1	1	-	-	TYPE D
3	RTE. 1	1021+53.40	RT	-	-	-	1	MEDIAN ISLAND
4	RTE. 1	1024+02.76	LT	1	1	-	-	TYPE D
4	RTE. 1	1024+18.42	RT	1	1	-	-	TYPE D
4	RTE. 1	1026+03.84	LT	1	1	-	-	TYPE D
5	RTE. 1	1027+18.49	LT	1	1	-	-	TYPE D
5	RTE. 1	1027+27.57	RT	1	1	-	-	TYPE D
5	RTE. 1	1029+12.73	LT	1	1	-	-	TYPE D
5	RTE. 1	1030+64.11	LT	1	1	-	-	TYPE D
5	RTE. 1	1030+78.61	RT	1	1	-	-	TYPE D
5	RTE. 1	1032+23.57	RT	1	1	-	-	TYPE D
5	RTE. 1	1032+23.94	LT	1	1	-	-	TYPE D
6	RTE. 1	1032+69.01	RT	-	-	-	1	NE 68TH ST
6	RTE. 1	1034+30.40	LT	1	1	-	-	TYPE D
6	RTE. 1	1034+45.88	RT	1	1	-	-	TYPE D
6	RTE. 1	1037+45.39	LT	1	1	-	-	TYPE D
6	RTE. 1	1037+45.81	RT	1	1	-	-	TYPE D
7	RTE. 1	1040+45.95	RT	1	1	-	-	TYPE D
7	RTE. 1	1040+60.21	LT	1	1	-	-	TYPE D
7	RTE. 1	1042+13.88	LT	1	1	-	-	TYPE D
7	RTE. 1	1042+32.33	RT	1	1	-	-	TYPE D
8	RTE. 1	1044+45.45	LT	1	1	-	-	TYPE D
8	RTE. 1	1044+45.58	RT	1	1	-	-	TYPE D
8	RTE. 1	1045+26.22	LT	1	1	-	-	TYPE X
8	RTE. 1	1045+27.30	RT	1	1	-	-	TYPE X
8	RTE. 1	1046+05.54	LT	1	1	-	-	TYPE D
8	RTE. 1	1046+05.63	RT	1	1	-	-	TYPE D
8	RTE. 1	1046+95.72	LT	1	1	-	-	TYPE D
8	RTE. 1	1047+21.06	RT	1	1	-	-	TYPE D
9	RTE. 1	1048+80.39	RT	1	1	-	-	TYPE D
9	RTE. 1	1048+95.08	LT	1	1	-	-	TYPE D
9	RTE. 1	1051+95.22	LT	1	1	-	-	TYPE D
9	RTE. 1	1052+35.72	RT	1	1	-	-	TYPE D
10	RTE. 1	1054+09.91	LT	1	1	-	-	TYPE D
10	RTE. 1	1055+75.17	LT	1	1	-	-	TYPE D
10	RTE. 1	1056+13.89	RT	1	1	-	-	TYPE D
10	RTE. 1	1058+50.73	LT	1	1	-	-	TYPE D
10	RTE. 1	1059+17.28	RT	1	1	-	-	TYPE D
11	RTE. 1	1060+70.12	RT	1	1	-	-	TYPE D
11	RTE. 1	1061+47.19	RT	1	1	-	-	NE 64TH ST
11	RTE. 1	1062+02.32	RT	1	1	-	-	NE 64TH ST
11	RTE. 1	1063+10.10	RT	1	1	-	-	TYPE D
11	RTE. 1	1063+99.80	RT	-	-	-	1	
11	RTE. 1	1064+26.34	RT	1	1	-	-	TYPE D
12	RTE. 1	1065+22.59	RT	-	-	1	-	
12	RTE. 1	1065+44.38	LT	-	-	1	-	
12	RTE. 1	1065+84.42	RT	-	-	1	-	
12	RTE. 1	1066+13.08	LT	-	-	1	-	
12	RTE. 1	1066+29.01	RT	-	-	1	-	
12	RTE. 1	1066+56.82	RT	-	-	1	-	
12	RTE. 1	1067+00.32	RT	-	-	1	-	
12	RTE. 1	1069+19.94	LT	-	-	-	1	
13	RTE. 1	1076+92.86	RT	-	-	1	-	
13	RTE. 1	1077+09.40	LT	-	-	1	-	
13	RTE. 1	1077+54.82	RT	-	-	-	1	NE 61ST TERR
13	RTE. 1	1078+04.26	RT	-	-	1	-	
13	RTE. 1	1078+19.85	LT	-	-	1	-	
			TABLE 1 SUBTOTAL	48	48	11	5	

CONTINUES ON SHEET 9 OF 20

* STORM LIDS WITHIN THE MILL & OVERLAY LIMITS WHERE CURB & GUTTER IS NOT TO BE CONSTRUCTED, ARE INTENDED TO BE DND.

STORM INLETS AND MANHOLES (CONT.) (TABLE 2 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT.) (EACH)	REPLACE STORM LID (VF)	ADJUST STORM LID* (EACH)	ADJUST STORM MANHOLE (EACH)	REMARKS
13	RTE. 1	1078+75.19	LT	-	-	1	-	
13	RTE. 1	1078+75.30	RT	-	-	1	-	
13	RTE. 1	1079+43.35	RT	-	-	1	-	
13	RTE. 1	1079+53.15	RT	-	-	-	1	
13	RTE. 1	1079+83.20	LT	-	-	1	-	
13	RTE. 1	1080+10.31	RT	-	-	1	-	
14	RTE. 1	1082+12.27	RT	-	-	1	-	
14	RTE. 1	1082+85.96	RT	-	-	1	-	
14	RTE. 1	1083+33.47	RT	-	-	1	-	
14	RTE. 1	1085+90.34	RT	-	-	1	-	
14	RTE. 1	1086+33.28	LT	-	-	1	-	
14	RTE. 1	1087+03.30	RT	-	-	1	-	
14	RTE. 1	1088+54.53	RT	-	-	1	-	
14	RTE. 1	1090+90.29	RT	-	-	1	-	
15	RTE. 1	1091+78.33	RT	-	-	-	1	
15	RTE. 1	1092+43.44	RT	-	-	1	-	
15	RTE. 1	1092+43.48	LT	-	-	1	-	
15	RTE. 1	1095+43.29	RT	-	-	1	-	
15	RTE. 1	1095+43.31	LT	-	-	1	-	
15	RTE. 1	1097+89.28	RT	-	-	1	-	
15	RTE. 1	1101+23.31	RT	-	-	1	-	
15	RTE. 1	1101+23.47	LT	-	-	1	-	
16	RTE. 1	1104+22.49	LT	-	-	1	-	
16	RTE. 1	1104+54.96	RT	-	-	1	-	
16	RTE. 1	1106+07.63	LT	-	-	1	-	
16	RTE. 1	1107+45.43	LT	-	-	1	-	
16	RTE. 1	1108+99.89	LT	-	-	-	1	
16	RTE. 1	1109+00.67	RT	-	-	1	-	
16	RTE. 1	1110+17.66	LT	-	-	1	-	
16	RTE. 1	1110+71.04	LT	-	-	-	1	
16	RTE. 1	1110+71.24	LT	-	-	1	-	
16	RTE. 1	1110+84.32	LT	-	-	1	-	
16	RTE. 1	1111+47.63	RT	-	-	1	-	
16	RTE. 1	1111+59.50	LT	-	-	1	-	
17	RTE. 1	1113+25.22	LT	-	-	1	-	
17	RTE. 1	1113+91.24	LT	-	-	1	-	
17	RTE. 1	1113+92.49	RT	-	-	1	-	
17	RTE. 1	1114+49.79	LT	-	-	1	-	
17	RTE. 1	1116+72.57	LT	-	-	1	-	
17	RTE. 1	1116+82.50	RT	-	-	1	-	
17	RTE. 1	1120+51.96	RT	-	-	1	-	
17	RTE. 1	1123+36.70	LT	-	-	-	1	
17	RTE. 1	1123+54.50	LT	-	-	1	-	
18	RTE. 1	1124+59.51	LT	-	-	1	-	
18	RTE. 1	1126+82.12	LT	-	-	1	-	
18	RTE. 1	1131+31.99	RT	-	-	1	-	
18	RTE. 1	1131+52.32	LT	-	-	1	-	
18	RTE. 1	1132+34.18	RT	-	-	1	-	
18	RTE. 1	1133+82.13	RT	-	-	1	-	
18	RTE. 1	1133+82.17	RT	-	-	-	1	
19	RTE. 1	1136+49.05	RT	-	-	1	-	
19	RTE. 1	1137+57.05	RT	-	-	1	-	
19	RTE. 1	1140+36.06	RT	-	-	1	-	
19	RTE. 1	1140+41.79	LT	-	-	1	-	
19	RTE. 1	1141+31.96	RT	-	-	1	-	
19	RTE. 1	1141+93.70	RT	-	-	-	1	
19	RTE. 1	1142+20.29	RT	-	-	1	-	
19	RTE. 1	1142+72.09	LT	-	-	1	-	
19	RTE. 1	1143+59.44	LT	-	-	1	-	
19	RTE. 1	1143+82.28	RT	-	-	1	-	
19	RTE. 1	1145+02.17	LT	-	-	1	-	
20	RTE. 1	1147+75.82	RT	-	-	-	1	NE VIVIAN RD
20	RTE. 1	1151+71.91	LT	-	-	1	-	
20	RTE. 1	1153+24.38	RT	-	-	1	-	
			TABLE 2 SUBTOTAL	0	0	56	8	

CONTINUES ON SHEET 10 OF 20

* STORM LIDS WITHIN THE MILL & OVERLAY LIMITS WHERE CURB & GUTTER IS NOT TO BE CONSTRUCTED, ARE INTENDED TO BE DND.

SUMMARY OF QUANTITIES

SHEET 9 OF 20

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: J4S3412
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)

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

STORM INLETS AND MANHOLES (CONT.) (TABLE 3 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT.) (EACH)	REPLACE STORM LID (VF)	ADJUST STORM LID* (EACH)	ADJUST STORM MANHOLE (EACH)	REMARKS
20	RTE. 1	1154+32.45	RT	-	-	1	-	
20	RTE. 1	1154+70.34	LT	-	-	1	-	
20	RTE. 1	1155+06.91	RT	-	-	1	-	
20	RTE. 1	1155+45.69	LT	-	-	1	-	
21	RTE. 1	1156+61.99	RT	-	-	1	-	
21	RTE. 1	1156+62.44	LT	-	-	1	-	
21	RTE. 1	1157+11.23	RT	-	-	1	-	
21	RTE. 1	1157+42.45	LT	-	-	1	-	
21	RTE. 1	1157+62.11	RT	-	-	1	-	
21	RTE. 1	1157+86.35	LT	-	-	1	-	
21	RTE. 1	1158+12.28	LT	-	-	-	1	
21	RTE. 1	1158+12.64	RT	-	-	1	-	
21	RTE. 1	1158+31.19	LT	-	-	1	-	
21	RTE. 1	1158+80.93	LT	-	-	1	-	
21	RTE. 1	1158+90.96	RT	-	-	1	-	
21	RTE. 1	1160+10.88	RT	-	-	1	-	
21	RTE. 1	1163+21.01	LT	-	-	1	-	
21	RTE. 1	1164+80.77	LT	-	-	1	-	
21	RTE. 1	1166+48.57	RT	-	-	1	-	
21	RTE. 1	1166+87.82	LT	-	-	-	1	
21	RTE. 1	1166+96.48	LT	-	-	1	-	
22	RTE. 1	1168+11.81	LT	-	-	1	-	
22	RTE. 1	1170+43.21	LT	-	-	1	-	
22	RTE. 1	1170+43.83	RT	-	-	1	-	
22	RTE. 1	1171+80.09	LT	-	-	1	-	
22	RTE. 1	1172+80.48	LT	-	-	1	-	
22	RTE. 1	1174+40.48	LT	-	-	1	-	
22	RTE. 1	1174+40.70	RT	-	-	1	-	
22	RTE. 1	1174+90.13	LT	-	-	1	-	
22	RTE. 1	1174+90.60	RT	-	-	1	-	
22	RTE. 1	1175+40.42	LT	-	-	1	-	
22	RTE. 1	1175+46.26	RT	-	-	1	-	
22	RTE. 1	1176+45.82	RT	-	-	1	-	
22	RTE. 1	1177+80.50	RT	-	-	1	-	
23	RTE. 1	1178+40.41	RT	-	-	1	-	
23	RTE. 1	1180+27.89	RT	-	-	1	-	
23	RTE. 1	1180+31.53	LT	-	-	1	-	
23	RTE. 1	1180+78.40	RT	-	-	1	-	
23	RTE. 1	1181+30.14	RT	-	-	1	-	
23	RTE. 1	1181+74.37	RT	-	-	1	-	
23	RTE. 1	1182+20.11	RT	-	-	1	-	
23	RTE. 1	1182+26.57	LT	-	-	-	1	
23	RTE. 1	1182+62.33	LT	-	-	1	-	
23	RTE. 1	1182+62.61	RT	-	-	1	-	
23	RTE. 1	1183+09.96	RT	-	-	1	-	
23	RTE. 1	1183+54.85	RT	-	-	1	-	
23	RTE. 1	1184+00.01	RT	-	-	1	-	
23	RTE. 1	1184+61.39	RT	-	-	1	-	
23	RTE. 1	1184+95.05	LT	-	-	1	-	
23	RTE. 1	1185+30.15	RT	-	-	1	-	
23	RTE. 1	1186+30.06	RT	-	-	1	-	
23	RTE. 1	1186+99.93	RT	-	-	1	-	
23	RTE. 1	1188+39.97	RT	-	-	1	-	
24	RTE. 1	1189+14.81	RT	-	-	1	-	
24	RTE. 1	1190+09.80	LT	-	-	1	-	
24	RTE. 1	1190+12.46	RT	-	-	1	-	
24	RTE. 1	1190+49.82	RT	-	-	1	-	
24	RTE. 1	1190+50.09	LT	-	-	1	-	
24	RTE. 1	1190+79.86	LT	-	-	1	-	
24	RTE. 1	1191+06.59	RT	-	-	1	-	
24	RTE. 1	1191+33.83	LT	-	-	1	-	
24	RTE. 1	1191+94.39	RT	-	-	1	-	
24	RTE. 1	1192+89.53	RT	-	-	1	-	
			TABLE 3 SUBTOTAL	0	0	60	3	
			TOTAL	48	48	127	16	

* STORM LIDS WITHIN THE MILL & OVERLAY LIMITS WHERE CURB & GUTTER IS NOT TO BE CONSTRUCTED, ARE INTENDED TO BE DND.

CURB

PLAN SHEET NO.	BEGIN STA.	END STA.	ROADWAY	LOCATION	CURB AND GUTTER TYPE A (LF)	CURB AND GUTTER TYPE A (MODIFIED) (LF)	REMARKS
1-5	1009+63.74	1021+04.05	RTE. 1	LT	1012.1	-	NE 72ND NE TO NE 70TH ST
1-5	1010+50.00	1021+09.66	RTE. 1	RT	1047.8	-	NE 72ND NE TO NE 70TH ST
5-7	1021+45.34	1026+26.50	RTE. 1	LT	437.6	-	NE 70TH ST TO NE 69TH TERR
5-11	1021+55.46	1032+61.52	RTE. 1	RT	1141.5	-	NE 70TH ST TO NE 68TH ST
7-9	1026+77.35	1029+34.40	RTE. 1	LT	259.6	-	NE 69TH TERR TO NE 69TH ST
9-11	1029+91.86	1032+56.53	RTE. 1	LT	270.4	-	NE 69TH ST TO NE 68TH TERR
11-15	1032+99.77	1048+15.62	RTE. 1	RT	1508.3	-	NE 68TH ST TO NE 66TH ST
11-13	1033+06.01	1042+24.07	RTE. 1	LT	923.4	-	NE 68TH ST TO NE 67TH TERR
13-21	1043+04.83	1061+53.94	RTE. 1	LT	1580.7	-	NE 67TH TERR TO NE 64TH ST
15-17	1048+45.61	1061+44.84	RTE. 1	RT	356.1	-	NE 66TH ST TO NE 65TH TERR
17-21	1051+96.04	1057+58.18	RTE. 1	RT	906.1	-	NE 65TH TERR TO NE 64TH ST
21-23	1061+98.94	1065+11.00	RTE. 1	LT	645.5	-	NE 64TH ST TO 1065+11.00
21-23	1062+03.08	1065+11.00	RTE. 1	RT	136.6	-	NE 64TH ST TO 1065+11.00
23	1065+11.00	1066+45.50	RTE. 1	LT	-	135.0	1065+11.00 TO OLD ANTIOCH RD
23	1065+11.00	1067+60.05	RTE. 1	RT	-	190.0	1065+11.00 TO N WABASH AVE
23-25	1067+91.80	1072+79.69	RTE. 1	LT	-	296.2	OLD ANTIOCH RD TO N CHESTNUT AVE
23-25	1068+88.83	1072+75.55	RTE. 1	RT	-	302.0	N WABASH AVE TO NE 63RD PL
25	1073+15.81	1077+24.25	RTE. 1	LT	-	439.5	N CHESTNUT AVE TO NE BROOKTREE LN
25	1073+30.77	1076+98.46	RTE. 1	RT	-	367.9	NE 63RD PL TO NE 61ST TERR
25-26	1077+87.95	1087+90.07	RTE. 1	LT	-	856.1	NE BROOKTREE LN TO NE 60TH ST
25-26	1077+98.57	1080+89.10	RTE. 1	RT	-	88.0	NE 61ST TERR TO NE 61ST ST
26	1081+32.60	1087+82.90	RTE. 1	RT	-	477.8	NE 61ST ST TO NE 60TH ST
26	1088+30.85	1091+16.07	RTE. 1	RT	-	290.3	NE 60TH ST TO NE 59TH TERR
26-27	1088+45.90	1097+84.99	RTE. 1	LT	-	691.6	NE 60TH ST TO NE KENDALLWOOD PKWY
26-27	1091+60.18	1094+50.96	RTE. 1	RT	-	293.1	NE 59TH TERR TO NE 59TH ST
27	1095+06.14	1098+02.85	RTE. 1	RT	-	250.2	NE 59TH ST TO NE 58TH TERR
27	1098+63.12	1101+54.75	RTE. 1	RT	-	229.4	NE 58TH TERR TO NE 58TH ST
27-28	1099+03.56	1104+51.30	RTE. 1	LT	-	451.6	NE KENDALLWOOD PKWY TO NE 57TH TERR
27-28	1102+17.27	1104+67.02	RTE. 1	RT	-	196.1	NE 58TH ST TO NE 57TH TERR
28	1104+87.02	1110+94.04	RTE. 1	LT	-	497.7	NE 57TH TERR TO NE 56TH TERR
28-29	1105+49.95	1114+30.00	RTE. 1	RT	-	544.2	NE 57TH TERR TO NE ENGLEWOOD RD
28-29	1111+34.78	1114+72.81	RTE. 1	LT	-	344.6	NE 56TH TERR TO NE 56TH ST
29	1115+76.88	1118+97.02	RTE. 1	LT	-	323.2	NE 56TH ST TO NE CHOUTEAU TRAFFICWAY
29-30	1115+78.40	1132+69.66	RTE. 1	RT	-	1258.7	NE ENGLEWOOD RD TO NE 53RD ST
29-30	1120+15.75	1132+58.93	RTE. 1	LT	-	1005.6	NE CHOUTEAU TRAFFICWAY TO NE 53RD ST
30-32	1133+68.16	1145+24.25	RTE. 1	LT	-	583.6	NE 53RD ST TO NE VIVION RD
30-31	1133+71.06	1135+39.59	RTE. 1	RT	-	168.5	NE 53RD ST TO NE 52ND TERR
31	1136+21.56	1138+74.28	RTE. 1	RT	-	256.8	NE 52ND TERR TO NE 52ND ST
31	1139+44.48	1142+29.14	RTE. 1	RT	-	176.9	NE 52ND ST TO NE 51ST TERR
31-32	1143+49.92	1145+73.73	RTE. 1	RT	-	73.8	NE 51ST TERR TO NE VIVION RD
32	1148+90.00	1154+74.54	RTE. 1	LT	-	375.7	NE VIVION RD TO NE 50TH ST
32	1149+84.06	1154+47.55	RTE. 1	RT	-	403.6	NE VIVION RD TO NE PENCE AVE
32-33	1154+95.78	1166+84.25	RTE. 1	RT	-	955.8	NE PENCE AVE TO NE 48TH ST
32-34	1155+42.37	1168+36.18	RTE. 1	LT	-	1054.6	NE 50TH ST TO NE 47TH TERR
33-34	1167+40.56	1170+58.17	RTE. 1	RT	-	230.8	NE 48TH ST TO NE 47TH ST
34	1168+86.60	1172+08.96	RTE. 1	LT	-	282.4	NE 47TH TERR TO NE 47TH ST
34	1171+23.29	1175+65.60	RTE. 1	RT	-	345.2	NE 47TH ST TO NE 46TH TERR
34-35	1172+54.05	1179+60.30	RTE. 1	LT	-	686.5	NE 47TH ST TO NE 46TH ST
34-35	1176+28.21	1179+53.16	RTE. 1	RT	-	294.6	NE 46TH TERR TO NE 46TH ST
35-36	1179+99.39	1189+40.89	RTE. 1	RT	-	882.8	NE 46TH ST TO NE 44TH TERR
35	1180+08.11	1183+92.71	RTE. 1	LT	-	347.4	NE 46TH ST TO NE 45TH ST
35-36	1184+55.68	1192+23.47	RTE. 1	LT	-	614.6	NE 45TH ST TO NE 44TH ST
36	1189+85.26	1193+24.51	RTE. 1	RT	-	106.3	NE 44TH TERR TO I-35 SB ON RAMP
				SUBTOTAL	10225.7	17368.7	
				TOTAL	10226	17369	

SUMMARY OF QUANTITIES
SHEET 10 OF 20

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: J4S3412
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)

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

UTILITY ADJUSTMENTS

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUST WATER VALVE (EACH)	ADJUST SIGNAL PULL BOX (EACH)	ADJUST SANITARY MANHOLE (EACH)	REMARKS
1	RTE. 1	1009+83.04	LT	-	1	-	SIGNAL PULL BOX
19	RTE. 1	1054+33.49	LT	-	1	-	SIGNAL PULL BOX
19	RTE. 1	1059+37.19	LT	1	-	-	WATER VALVE
21	RTE. 1	1061+78.73	LT	-	1	-	SIGNAL PULL BOX
21	RTE. 1	1062+28.34	RT	-	1	-	SIGNAL PULL BOX
25	RTE. 1	1065+41.05	RT	-	1	-	SIGNAL PULL BOX
25	RTE. 1	1068+12.25	RT	1	-	-	WATER VALVE
25	RTE. 1	1068+40.46	RT	1	-	-	WATER VALVE
25	RTE. 1	1068+85.60	LT	1	-	-	WATER VALVE
25	RTE. 1	1068+94.51	RT	1	-	-	WATER VALVE
25	RTE. 1	1070+46.15	RT	1	-	-	WATER VALVE
25	RTE. 1	1070+50.72	RT	1	-	-	WATER VALVE
25	RTE. 1	1072+65.49	RT	1	-	-	WATER VALVE
25	RTE. 1	1072+69.21	RT	1	-	-	WATER VALVE
25	RTE. 1	1077+25.14	RT	1	-	-	WATER VALVE
26	RTE. 1	1081+31.49	RT	-	-	1	
26	RTE. 1	1084+10.09	RT	1	-	-	WATER VALVE
27	RTE. 1	1095+06.16	RT	1	-	-	WATER VALVE
28	RTE. 1	1104+26.61	LT	-	1	-	SIGNAL PULL BOX
28	RTE. 1	1104+67.01	LT	-	-	1	NE 57TH TERR
28	RTE. 1	1111+17.17	RT	1	-	-	WATER VALVE
29	RTE. 1	1114+40.73	LT	-	1	-	SIGNAL PULL BOX
29	RTE. 1	1115+80.72	LT	-	1	-	SIGNAL PULL BOX
29	RTE. 1	1116+58.95	RT	-	-	1	
29	RTE. 1	1116+59.50	LT	-	-	1	
29	RTE. 1	1118+27.59	RT	-	-	1	
29	RTE. 1	1118+78.72	LT	-	1	-	SIGNAL PULL BOX
29	RTE. 1	1118+81.26	LT	-	1	-	SIGNAL PULL BOX
29	RTE. 1	1119+30.07	RT	-	-	1	
29	RTE. 1	1120+00.45	RT	-	1	-	SIGNAL PULL BOX
30	RTE. 1	1133+18.74	RT	-	-	1	NE 53RD ST
31	RTE. 1	1135+97.83	RT	-	-	1	NE 52ND TERR
31	RTE. 1	1138+98.03	RT	-	-	1	NE 52ND ST
31	RTE. 1	1141+24.84	RT	-	-	1	
31	RTE. 1	1141+93.70	RT	-	-	1	
31	RTE. 1	1143+01.77	RT	-	-	1	NE 51ST TERR
31	RTE. 1	1143+49.79	LT	-	-	1	
32	RTE. 1	1150+77.16	RT	-	-	1	
32	RTE. 1	1153+14.42	RT	-	-	1	
32	RTE. 1	1154+74.78	RT	-	-	1	NE PENCE AVE
33	RTE. 1	1167+03.27	LT	-	1	-	SIGNAL PULL BOX
34	RTE. 1	1168+25.56	LT	-	1	-	SIGNAL PULL BOX
34	RTE. 1	1168+61.43	LT	-	-	1	NE 47TH TERR
34	RTE. 1	1174+88.52	LT	-	-	1	
34	RTE. 1	117600.06	RT	-	-	1	NE 46TH TERR
35	RTE. 1	1178+41.06	RT	-	-	1	
35	RTE. 1	118424.2	LT	-	-	1	NE 45TH ST
			TOTAL	13	13	21	

UTILITY ADJUSTMENTS (FOR INFORMATIONAL PURPOSES ONLY)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	WATER VALVE (EACH)	RISER (EACH)	TELE-PHONE MANHOLE (EACH)	REMARKS
1	RTE. 1	1009+83.34	LT	-	1	-	POWER RISER
21	RTE. 1	1061+07.74	RT	-	1	-	POWER RISER
21	RTE. 1	1061+30.57	RT	-	1	-	POWER RISER
21	RTE. 1	1062+59.75	RT	-	1	-	POWER RISER
25	RTE. 1	1068+13.30	RT	-	1	-	POWER RISER
25	RTE. 1	1072+91.26	RT	-	1	-	POWER RISER
25	RTE. 1	1078+10.14	LT	-	1	-	POWER RISER
26	RTE. 1	1183+87.26	LT	-	1	-	POWER RISER
26	RTE. 1	1084+60.35	LT	-	1	-	POWER RISER
26	RTE. 1	1085+47.16	LT	-	1	-	POWER RISER
26	RTE. 1	1086+32.24	RT	-	-	1	TELEPHONE
27	RTE. 1	1092+37.83	LT	-	1	-	POWER RISER
27	RTE. 1	1093+08.87	RT	-	-	1	TELEPHONE
27	RTE. 1	1101+34.48	LT	-	1	-	POWER RISER
28	RTE. 1	1107+01.34	LT	-	1	-	POWER RISER
28	RTE. 1	1109+94.44	LT	-	1	-	POWER RISER
28	RTE. 1	1111+38.74	RT	-	-	1	TELEPHONE
28	RTE. 1	1111+41.38	RT	-	-	1	TELEPHONE
28	RTE. 1	1112+14.02	RT	-	-	1	TELEPHONE
28	RTE. 1	1112+81.55	LT	-	1	-	POWER RISER
29	RTE. 1	1114+14.09	RT	-	1	-	POWER RISER
29	RTE. 1	1119+23.31	RT	-	1	-	POWER RISER
29	RTE. 1	1123+14.36	LT	-	1	-	POWER RISER
30	RTE. 1	1127+55.95	LT	-	1	-	POWER RISER
30	RTE. 1	1129+98.74	RT	-	-	1	TELEPHONE
30	RTE. 1	1130+09.63	LT	-	1	-	POWER RISER
31	RTE. 1	1137+01.56	LT	-	-	1	TELEPHONE
31	RTE. 1	1138+48.08	RT	1	-	-	WATER VALVE
31	RTE. 1	1139+05.55	RT	-	1	-	POWER RISER
31	RTE. 1	1140+39.94	RT	-	-	1	TELEPHONE
31	RTE. 1	1144+34.55	RT	-	-	1	TELEPHONE
34	RTE. 1	1168+74.02	LT	1	-	-	WATER VALVE
34	RTE. 1	1168+79.20	LT	1	-	-	WATER VALVE
35	RTE. 1	1180+03.37	LT	1	-	-	WATER VALVE
35	RTE. 1	1183+87.26	LT	-	1	-	POWER RISER
35	RTE. 1	1184+46.20	LT	1	-	-	WATER VALVE
36	RTE. 1	1191+15.14	RT	-	-	1	TELEPHONE
36	RTE. 1	1191+17.51	RT	-	-	1	TELEPHONE
			TOTAL	5	22	11	

DROP INLET CLEANOUT

ROADWAY	EACH	REMARKS
RTE. 1	195	ALL INLETS WITHIN PROJECT LIMTS
TOTAL	195	

CULVERT A3773

ROADWAY	STA.	MISC. DEWATERING (LS)	ROCK LINING (SY)	SUBSTRUCTURE REPAIR (UNFORMED) (SF)	CLEANING AND EPOXY COATING (SF)	REMARKS
RTE. 1	1045+66.28	1	10	145	216	
	SUBTOTAL	1	10	145	216	
	TOTAL	1	10	145	216	

CULVERT A2011

ROADWAY	STA.	CULVERT CLEANOUT (EACH)	GABIONS (CY)	REMARKS
RTE. 1	1112+01.63	2	67	
	SUBTOTAL	2	67	
	TOTAL	2	67	

SUMMARY OF QUANTITIES
SHEET 11 OF 20

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

DATE PREPARED 4/7/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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Kansas City, MO 64131
Phone (816) 701-3100
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Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

ROUTE 1 SIGNING REMOVALS

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	DESCRIPTION	QTY	UNITS	REMARKS
1	RTE. 1	1009+59	1009+59	RT	SIGN - MAST ARM	1	EA	STREET NAME SIGN - 72ND ST
1	RTE. 1	1009+66	1009+66	RT	SIGN, POST AND FOOTING	1	EA	PEDESTRIAN CROSSING
1	RTE. 1	1009+81	1009+81	RT	SIGN	1	EA	YIELD
1	RTE. 1	1009+76	1009+76	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
2	RTE. 1	1013+26	1013+26	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
3	RTE. 1	1018+74	1018+74	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
3	RTE. 1	1020+74	1020+74	LT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
3	RTE. 1	1021+42	1021+42	RT	SIGN, POST AND FOOTING	1	EA	STOP
4	RTE. 1	1021+65	1021+65	RT	POST AND FOOTING	1	EA	PED CROSSING SIGN RELOCATION
4	RTE. 1	1021+81	1021+81	RT	POST AND FOOTING	1	EA	YIELD SIGN RELOCATION
4	RTE. 1	1023+90	1023+90	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
6	RTE. 1	1032+55	1032+55	LT	POST AND FOOTING	1	EA	STOP SIGN RELOCATION
9	RTE. 1	1050+77	1050+77	LT	SIGN - MAST ARM	1	EA	EMERGENCY SIGNAL
9	RTE. 1	1051+42	1051+42	RT	SIGN - MAST ARM	1	EA	EMERGENCY SIGNAL
9	RTE. 1	1052+10	1052+10	RT	POST AND FOOTING	1	EA	STOP SIGN RELOCATION
11	RTE. 1	1061+48	1061+48	LT	SIGN	1	EA	STATE ROUTE
11	RTE. 1	1061+48	1061+48	LT	SIGN	1	EA	DIRECTIONAL ARROW - BOTH WAYS
11	RTE. 1	1061+66	1061+66	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
11	RTE. 1	1062+10	1062+10	RT	SIGN - MAST ARM	1	EA	LEFT TURN ONLY
11	RTE. 1	1062+08	1062+08	RT	SIGN - SIGNAL POLE	1	EA	STATE ROUTE
11	RTE. 1	1062+08	1062+08	RT	SIGN - SIGNAL POLE	1	EA	DIRECTIONAL ARROW - BOTH WAYS
11	RTE. 1	1062+51	1062+51	RT	SIGN	1	EA	YIELD
11	RTE. 1	1062+24	1062+24	RT	SIGN, POST AND FOOTING	1	EA	KEEP RIGHT
12	RTE. 1	1064+82	1064+82	RT	POST AND FOOTING	1	EA	KEEP RIGHT SIGN RELOCATION
13	RTE. 1	1077+12	1077+12	LT	SIGN - MAST ARM	1	EA	LEFT TURN YIELD ON GREEN
13	RTE. 1	1075+82	1075+82	RT	POST AND FOOTING	1	EA	TWO WAY LEFT TURN LANE SIGN RELOCATION
13	RTE. 1	1077+21	1077+21	RT	SIGN	1	EA	STATE ROUTE
13	RTE. 1	1077+21	1077+21	RT	SIGN	1	EA	DIRECTIONAL ARROW - BOTH WAYS
13	RTE. 1	1078+01	1078+01	LT	SIGN - MAST ARM	1	EA	STREET NAME SIGN - BROOKTREE LN & SHADY LN
14	RTE. 1	1083+21	1083+21	LT	POST AND FOOTING	1	EA	SPEED LIMIT SIGN RELOCATION
14	RTE. 1	1086+50	1086+50	LT	POST AND FOOTING	1	EA	TWO WAY LEFT TURN LANE SIGN RELOCATION
14	RTE. 1	1087+89	1087+89	LT	POST AND FOOTING	1	EA	STOP SIGN RELOCATION
14	RTE. 1	1088+90	1088+90	RT	POST AND FOOTING	1	EA	TWO WAY LEFT TURN LANE SIGN RELOCATION
15	RTE. 1	1098+12	1098+12	LT	SIGN	1	EA	STATE ROUTE
15	RTE. 1	1098+12	1098+12	LT	SIGN	1	EA	DIRECTIONAL ARROW - BOTH WAYS
16	RTE. 1	1107+37	1107+37	LT	SIGN	1	EA	NO PARKING ANY TIME
17	RTE. 1	1113+35	1113+35	LT	SIGN	1	EA	SPEED LIMIT
17	RTE. 1	1113+35	1113+35	LT	SIGN	1	EA	SPEED LIMIT 25 EXCEPT WHERE POSTED
17	RTE. 1	1113+35	1113+35	LT	SIGN - STRUCTURAL	1	EA	CITY LIMIT GLADSTONE
17	RTE. 1	1114+06	1114+06	RT	SIGN	1	EA	NO PARKING BUS STOP
17	RTE. 1	1114+69	1114+69	RT	SIGN - MAST ARM	1	EA	LEFT TURN YIELD ON GREEN
17	RTE. 1	1116+04	1116+04	LT	SIGN	1	EA	NO PARKING BUS STOP
17	RTE. 1	1115+60	1115+60	LT	SIGN	1	EA	LEFT TURN ONLY
17	RTE. 1	1116+28	1116+28	RT	SIGN	1	EA	NO PARKING ANY TIME
17	RTE. 1	1118+71	1118+71	LT	SIGN - MAST ARM	1	EA	STREET NAME SIGN - CHOUTEAU TRFWY
18	RTE. 1	1134+05	1134+05	LT	SIGN	1	EA	NO TRUCKS
19	RTE. 1	1139+89	1139+89	RT	POST AND FOOTING	1	EA	NO PARKING ANY TIME SIGN RELOCATION
19	RTE. 1	1144+44	1144+44	RT	SIGN	1	EA	JCT PLAQUE
19	RTE. 1	1145+17	1145+17	RT	SIGN	1	EA	NO PARKING ANY TIME
20	RTE. 1	1147+29	1147+29	LT	SIGN	1	EA	YIELD
20	RTE. 1	1147+40	1147+40	RT	SIGN - MAST ARM	1	EA	STREET NAME SIGN - ANTIOCH RD
22	RTE. 1	1165+37	1165+37	LT	SIGN	1	EA	SPEED LIMIT
24	RTE. 1	1178+86	1178+86	LT	SIGN	1	EA	NO PARKING ANY TIME
24	RTE. 1	1180+66	1180+66	LT	SIGN	1	EA	NO PARKING BUS STOP
24	RTE. 1	1184+51	1184+51	LT	SIGN	1	EA	NO PARKING BUS STOP
24	RTE. 1	1186+95	1186+95	RT	SIGN	1	EA	RIGHT LANE MUST TURN RIGHT
25	RTE. 1	1191+68	1191+68	RT	SIGN	1	EA	RIGHT LANE MUST TURN RIGHT

FULL DEPTH REPAIR

ROADWAY	CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR (SY)	SUBGRADE COMPACTION (6-INCH DEPTH) (PAVEMENT REPAIR) (SY)	TYPE 1 OR 5 AGGREGATE FOR BASE (6 IN. THICK) (PAVEMENT REPAIR) (SY)	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL SAW CUTS) (LF)	DOWEL BAR (DRILLING, FURNISHING, AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR (EA)	REMARKS
RTE. 1	48.0	48.0	48.0	216.0	144	6 - 6'x12' PATCHES
SUBTOTAL	48.0	48.0	48.0	216.0	144.0	
TOTAL	48.0	48.0	48.0	216.0	144	

SUMMARY OF QUANTITIES
SHEET 12 OF 20

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

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY CLAY
JOB NO. J4S3412
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)

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

PAVEMENT MARKING (TABLE 1 OF 5)

SHEET NO.	STA	STA	DIRECTION	4" WATERBORNE PAINT W/ TYPE P BEADS, WHITE			4" WATERBORNE PAINT W/ TYPE P BEADS YELLOW		PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW		PREFORMED THERMOPLASTIC PAVEMENT MARKING, WORD (ONLY)	REMARKS
				SOLID (LF)	INTERMITTENT (LF)	DOTTED (LF)	SOLID (LF)	INTERMITTENT (LF)	24" WHITE (STOP BAR) (LF)	30" WHITE MIDBLOCK (EA)	LEFT (EA)	RIGHT (EA)	(EA)	
1	1009+61	1009+74	CTR							13				
1	1009+67	1009+80	SB							3				
1-2	1009+82	1014+54	SB				945							DOUBLE SOLID YELLOW
1-9	1009+79	1050+73	NB		1024									
1	1009+79		NB						49					
1-2	1009+79	1013+64	NB	766										TWO SOLID WHITE
1-9	1010+50	1050+73	SB		1005									
1	1010+52		NB								1			
2	1012+52		NB								1			
2	1013+19	1014+54	NB				270							DOUBLE SOLID YELLOW
2-3	1014+54	1016+63	SB				209	52						
2-3	1014+54	1016+63	NB				209	52						
2	1015+48		SB								1			
2	1015+64		NB								1			
3	1016+63	1018+46	SB				366							DOUBLE SOLID YELLOW
3	1016+63	1020.75	NB				824							DOUBLE SOLID YELLOW
3	1017+94	1020+75	SB	563										TWO SOLID WHITE
3	1018+68		SB								1			
3	1020+03		SB								1			
3	1020+98	1021+35	EB							7				NE 70TH STREET
3	1021+24		EB						12					NE 70TH STREET
3-4	1021+55	1021+69	EB							3				NE 70TH STREET
4	1021+80	1024+38	NB	517										TWO SOLID WHITE
4	1021+80	1026+15	SB				872							DOUBLE SOLID YELLOW
4	1022+47		NB								1			
4	1023+83		SB								1			
4	1024+69	1026+15	SB	146										
4	1025+30		SB								1			
4	1025+87		SB								1			
5-9	1026+93	1050+73	SB				2378	594						
5-9	1026+93	1050+73	NB				2379	595						
5	1031+21		SB								1			TWO WAY LEFT TURN LANE
5	1031+37		NB								1			TWO WAY LEFT TURN LANE
6	1036+21		SB								1			TWO WAY LEFT TURN LANE
6	1036+37		NB								1			TWO WAY LEFT TURN LANE
7	1041+21		SB								1			TWO WAY LEFT TURN LANE
7	1041+37		NB								1			TWO WAY LEFT TURN LANE
8	1046+21		SB								1			TWO WAY LEFT TURN LANE
8	1046+37		NB								1			TWO WAY LEFT TURN LANE
8	1048+30		EB						14					NE 66TH STREET
9	1049+55		SB								1			TWO WAY LEFT TURN LANE
9	1049+71		NB								1			TWO WAY LEFT TURN LANE
9	1050+73		SB						20					
9	1051+90		NB							11				
9	1052+13		CTR						32					
9-11	1052+13	1061+28	NB		228									
9-10	1052+13	1058+26	NB				611	153						
9-10	1052+13	1058+26	SB				611	153						
9-11	1052+15	1061+28	SB		228									
9	1053+48		SB								1			TWO WAY LEFT TURN LANE
9	1053+64		NB								1			TWO WAY LEFT TURN LANE
10	1056+35	1056+64	SB	129										
10	1057+32		SB									1		
10	1057+42		SB								1			TWO WAY LEFT TURN LANE
10	1057+58		NB								1			TWO WAY LEFT TURN LANE
10	1058+26	1059+24	NB	78										
10	1058+26	1059+39	NB				188							DOUBLE SOLID YELLOW
SUB-TOTALS:				2,199	2,485	0	9,862	1,599	127	37	24	1	0	
TABLE 1 SUB-TOTAL:				4,684			11,461		127	37	24	1	0	

SUMMARY OF QUANTITIES
SHEET 13 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/28/2025

ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY CLAY
JOB NO. J4S3412
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)

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

003_QU_13-19_J4S3412_I1.dgn 2:13:48 PM 3/28/2025

PAVEMENT MARKING (TABLE 2 OF 5)

SHEET NO.	STA	STA	DIRECTION	4" WATERBORNE PAINT W/ TYPE P BEADS, WHITE			4" WATERBORNE PAINT W/ TYPE P BEADS YELLOW		PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW		PREFORMED THERMOPLASTIC PAVEMENT MARKING, WORD (ONLY)	REMARKS
				SOLID (LF)	INTERMITTENT (LF)	DOTTED (LF)	SOLID (LF)	INTERMITTENT (LF)	24" WHITE (STOP BAR) (LF)	30" WHITE MIDBLOCK (EA)	LEFT (EA)	RIGHT (EA)	(EA)	
10	1058+26	1059+39	SB				188							
10	1058+30		NB									1		
10-11	1058+58	1061+28	SB	268										
10	1058+92		NB									1		
11	1059+28	1061+28	SB	198										
10	1059+29		SB								1			
11-14	1059+39	1061+28	SB		369									
11	1060+57		SB								1			
11	1060+57		SB									1		
11	1061+30		SB						39					
11	1061+23	1061+36	EB							3				NE 64TH STREET
11	1061+35		CTR							13				
11	1061+41	1062+09	WB							10				NE 64TH STREET
11	1061+47		WB						29					NE 64TH STREET
11	1061+50	1061+88	EB							8				NE 64TH STREET
11	1061+64	1061+64	WB	114										
11	1061+71		WB								1			NE 64TH STREET
11	1061+72		EB								1			NE 64TH STREET
11	1061+80		EB	109										
11	1061+92		EB	109										
11	1061+95		EB									1		NE 64TH STREET
11	1061+68		EB						25					NE 64TH STREET
11	1062+19		CTR							12				
11	1062+20	1062+36	EB							4				NE 64TH STREET
11	1062+21		NB						42					
11-12	1062+23	1064+88	SB				265							
11-14	1062+26	1077+01	NB		368									
11-12	1062+26	1064+82	NB	254										
11-12	1062+26	1064+88	NB				260							
11	1062+91		NB								1			
11	1064+15		NB								1			
12	1064+88	1066+18	NB				262							DOUBLE SOLID YELLOW
12	1064+88	1066+19	SB				262							
12-13	1066+18	1072+58	NB				639	160						
12-13	1066+19	1072+55	SB				636	159						
12	1069+09		SB								1			TWO WAY LEFT TURN LANE
12	1069+25		NB								1			TWO WAY LEFT TURN LANE
13	1071+68		SB								1			TWO WAY LEFT TURN LANE
13	1071+84		NB								1			TWO WAY LEFT TURN LANE
13	1072+82	1073+09	WB							5				N CHESTNUT AVE.
13	1073+18	1073+03	NB	85										
13-14	1073+18	1077+01	SB				764							DOUBLE SOLID YELLOW
13	1073+63		NB								1			
13-14	1075+01	1077+01	SB	198										
13	1075+19		SB								1			
13	1076+34		SB								1			
13	1077+00		SB						30					
13	1077+17		CTR							11				
13	1077+10		WB							12				
13	1077+13		WB						21					
13	1077+20		EB							6				
13	1077+20		EB						12					
13	1077+41	1077+45	EB				26							DOUBLE SOLID YELLOW
13	1077+90		CTR							11				
13	1078+00		NB						32					
13-15	1078+00	1097+93	NB		496									
13	1078+00	1079+24	NB	122										
13	1078+00	1079+81	NB				358							DOUBLE SOLID YELLOW
13-15	1078+00	1097+96	SB		499									
13	1078+65		NB								1			
13-14	1079+81	1086+37	SB				656	164						
13-14	1079+81	1086+37	NB				656	164						
13	1079+39		NB								1			
14	1081+88		SB								1			TWO WAY LEFT TURN LANE
SUB-TOTALS:				1,457	1,732	0	4,972	647	230	95	16	4	0	
TABLE 2 SUB-TOTAL:				3,189			5,619		230	95	16	4	0	

SUMMARY OF QUANTITIES

SHEET 14 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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

PAVEMENT MARKING (TABLE 3 OF 5)

SHEET NO.	STA	STA	DIRECTION	4" WATERBORNE PAINT W/ TYPE P BEADS, WHITE			4" WATERBORNE PAINT W/ TYPE P BEADS YELLOW		PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW		PREFORMED THERMOPLASTIC PAVEMENT MARKING, WORD (ONLY)	REMARKS
				SOLID (LF)	INTERMITTENT (LF)	DOTTED (LF)	SOLID (LF)	INTERMITTENT (LF)	24" WHITE (STOP BAR) (LF)	30" WHITE MIDBLOCK (EA)	LEFT (EA)	RIGHT (EA)	(EA)	
14	1082+04		NB								1			TWO WAY LEFT TURN LANE
14	1085+16		SB								1			TWO WAY LEFT TURN LANE
14	1085+32		NB								1			TWO WAY LEFT TURN LANE
14	1086+37	1087+66	NB				258							DOUBLE SOLID YELLOW
14	1086+69	1087+66	SB	97										
14	1087+04		SB								1			
14	1088+46	1089+47	NB	102										
14	1088+48	1090+24	SB				350							DOUBLE SOLID YELLOW
14	1089+07		NB								1			
14	1090+15		SB								1			
14-15	1090+24	1095+91	NB				566	142						
14-15	1090+24	1095+91	SB				567	142						
15	1093+02		SB								1			TWO WAY LEFT TURN LANE
15	1093+18		NB								1			TWO WAY LEFT TURN LANE
15	1095+91	1097+93	NB				406							DOUBLE SOLID YELLOW
15	1096+36	1097+96	SB	158										
15	1096+44		SB								1			
15	1097+22		SB								1			
15	1097+93		SB						30					
15	1098+04		CTR							11				
15	1098+15	1098+78	WB							11				
15	1098+30	1098+60	EB							5				
15	1098+94		NB						30					
15-16	1098+94	1114+63	NB		392									
15	1098+94	1099+94	NB	97										
15	1098+97	1100+34	SB				274							DOUBLE SOLID YELLOW
15-16	1098+97	1149+63	SB		391									
15	1099+47		NB								1			
15	1100+17		NB								1			
15-16	1100+34	1111+50	NB				1117	279						
15-16	1100+34	1111+50	SB				1117	279						
15	1102+23		SB								1			TWO WAY LEFT TURN LANE
16	1102+39		NB								1			TWO WAY LEFT TURN LANE
16	1107+20		SB								1			TWO WAY LEFT TURN LANE
16	1107+44		NB								1			TWO WAY LEFT TURN LANE
16	1109+92		SB								1			TWO WAY LEFT TURN LANE
16	1110+08		NB								1			TWO WAY LEFT TURN LANE
16	1111+50	1114+63	NB				628							DOUBLE SOLID YELLOW
16	1111+50	1114+63	SB				622							DOUBLE SOLID YELLOW
16	1113+44	1114+63	SB		29									
16	1113+72	1114+63	SB	90										
17	1113+93		SB								1			
17	1114+63		SB						40					
17	1114+66	1115+04	EB							8				NE ENGLEWOOD RD-DBL SLD YELLOW
17	1114+80	1114+84	EB				26							NE ENGLEWOOD RD
17	1114+84		EB						14					NE ENGLEWOOD RD
17	1114+91	1114+97	EB	15										NE ENGLEWOOD RD
17	1114+94	1115+14	EB	32										NE ENGLEWOOD RD
17	1115+11	1115+52	WB							6				
17	1115+14		EB						16					NE ENGLEWOOD RD
17	1115+22	1115+35	EB							3				NE ENGLEWOOD RD
17	1115+54	1115+62	CTR							17				
17	1115+68		NB						37					
17	1115+68	1118+90	SB	322	81		322							
17	1115+68	1118+84	NB		79									
17	1115+68	1118+95	NB	327			327							
17	1116+35		NB								1			
17	1116+93		SB								1			
17	1117+62		NB								1			
17	1118+26		SB								1			
17	1118+90		SB						33					
17	1118+95		WB							13				
17	1119+13		WB						32					NE CHOUTEAU TFWY-DBL SLD YELLOW
17	1119+32	1119+38	WB	24										NE CHOUTEAU TRAFFICWAY
SUB-TOTALS:				1,264	972	0	6,580	842	232	74	23	0	0	
TABLE 3 SUB-TOTAL:				2,236			7,422		232	74	23	0	0	

SUMMARY OF QUANTITIES

SHEET 15 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY: CLAY

JOB NO.: J4S3412

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)

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

PAVEMENT MARKING (TABLE 4 OF 5)

SHEET NO.	STA	STA	DIRECTION	4" WATERBORNE PAINT W/ TYPE P BEADS, WHITE			4" WATERBORNE PAINT W/ TYPE P BEADS YELLOW		PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW		PREFORMED THERMOPLASTIC PAVEMENT MARKING, WORD (ONLY)	REMARKS
				SOLID (LF)	INTERMITTENT (LF)	DOTTED (LF)	SOLID (LF)	INTERMITTENT (LF)	24" WHITE (STOP BAR) (LF)	30" WHITE MIDBLOCK (EA)	LEFT (EA)	RIGHT (EA)	(EA)	
17	1119+44	1119+51	WB				52							NE CHOUTEAU TRAFFICWAY
17	1119+96		SB							4				
17	1119+96		NB							5				
17-18	1120+05	1132+64	SB		316									
17	1120+02	1121+86	SB				183							
17	1120+05		NB						25					
17-18	1120+05	1132+64	NB		316									
17	1120+05	1121+86	NB				180							
17	1121+86	1122+22	SB				74							DOUBLE SOLID YELLOW
17	1121+86	1122+32	NB				94							DOUBLE SOLID YELLOW
17-18	1122+22	1130+37	SB				815	204						
17-18	1122+32	1130+37	NB				805	201						
18	1126+92		SB								1			TWO WAY LEFT TURN LANE
18	1127+08		NB								1			TWO WAY LEFT TURN LANE
18	1130+37	1132+64	NB				454							DOUBLE SOLID YELLOW
18	1131+09		SB								1			
18	1131+39	1132+64	SB	125										
18	1132+01		SB								1			
18	1132+64		SB						30					
18	1132+76		CTR							11				
18	1132+99	1133+34	EB							6				
18	1133+51		CTR							13				
18	1133+60		NB						43					
18-20	1133+60	1146+74	SB		330									
18-19	1133+60	1135+55	SB				390							DOUBLE SOLID YELLOW
18-20	1133+60	1146+42	NB		321									
18	1133+60	1134+61	NB	101										
18-19	1133+60	1135+55	NB	194										
18	1134+21		NB									1		
18	1134+22		NB								1			
19	1135+46		NB								1	1		
19	1135+55	1144+31	NB				877	219						
19	1135+55	1144+31	SB				877	219						
19	1139+62		SB								1			TWO WAY LEFT TURN LANE
19	1139+78		NB								1			TWO WAY LEFT TURN LANE
19	1144+31	1145+22	NB				183							DOUBLE SOLID YELLOW
19	1144+31	1145+22	NB				182							DOUBLE SOLID YELLOW
19-20	1145+22	1146+55	SB				155							
19-20	1144+30	1146+55	NB				133							
19-20	1145+22	1146+74	SB	154										
19	1145+33		SB								1			
19	1145+38	1145+58	EB							3				
20	1146+05		SB								1			
20	1146+49	1147+09	CTR							12				
20	1146+50	1147+41	EB							11				
20	1146+55		SB						12					
20	1146+74		SB						26					
20	1147+05	1147+15	WB							3				
20	1147+37	1148+20	WB							11				
20	1147+54	1147+52	EB							3				
20	1147+65	1148+26	CTR							12				
20	1147+99		NB						26					
20-25	1147+99	1193+20	NB		1,130									
20	1147+99	1150+67	NB	267										
20	1148+20		NB						12					
20	1148+20	1150+67	NB				252							
20	1148+20	1150+72	SB				252							
20-24	1148+33	1187+00	SB		967									
20	1148+87		NB								1			
20	1149+13	1149+28	WB							3				
20	1150+14		NB								1			
20-21	1150+72	1152+05	NB				266							DOUBLE SOLID YELOW
20-21	1150+72	1152+05	SB				266							DOUBLE SOLID YELOW
21	1151+30	1152+27	SB	97										
SUB-TOTALS:				938	3,380	0	6,490	843	174	97	12	2	0	
TABLE 4 SUB-TOTAL:				4,318			7,333		174	97	12	2	0	

SUMMARY OF QUANTITIES
SHEET 16 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

PAVEMENT MARKING (TABLE 5 OF 5)

SHEET NO.	STA	STA	DIRECTION	4" WATERBORNE PAINT W/ TYPE P BEADS, WHITE			4" WATERBORNE PAINT W/ TYPE P BEADS YELLOW		PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW		PREFORMED THERMOPLASTIC PAVEMENT MARKING, WORD (ONLY)	REMARKS
				SOLID (LF)	INTERMITTENT (LF)	DOTTED (LF)	SOLID (LF)	INTERMITTENT (LF)	24" WHITE (STOP BAR) (LF)	30" WHITE MIDBLOCK (EA)	LEFT (EA)	RIGHT (EA)	(EA)	
21	1151+74		SB									1		
21-25	1152+05	1192+12	SB				4,007	1,002						
21-25	1152+05	1192+12	NB				4,012	1,003						
21	1155+90		SB								1			TWO WAY LEFT TURN LANE
21	1156+07		NB								1			TWO WAY LEFT TURN LANE
22	1160+91		SB								1			TWO WAY LEFT TURN LANE
22	1161+07		NB								1			TWO WAY LEFT TURN LANE
22	1165+91		SB								1			TWO WAY LEFT TURN LANE
22	1166+07		NB								1			TWO WAY LEFT TURN LANE
23	1169+91		SB								1			TWO WAY LEFT TURN LANE
23	1170+07		NB								1			TWO WAY LEFT TURN LANE
23	1173+91		SB								1			TWO WAY LEFT TURN LANE
23	1174+07		NB								1			TWO WAY LEFT TURN LANE
23	1177+91		SB								1			TWO WAY LEFT TURN LANE
24	1178+07		NB								1			TWO WAY LEFT TURN LANE
24	1181+91		SB								1			TWO WAY LEFT TURN LANE
24	1182+07		NB								1			TWO WAY LEFT TURN LANE
24	1185+91		SB								1			TWO WAY LEFT TURN LANE
24	1186+07		NB								1			TWO WAY LEFT TURN LANE
24-25	1187+00	1189+83	SB			71								
25	1189+83	1193+20	SB	337										
25	1190+01		SB										1	
25	1190+43		SB								1			TWO WAY LEFT TURN LANE
25	1190+59		NB								1			TWO WAY LEFT TURN LANE
25	1190+82		SB									1		
25	1191+66		SB										1	
25	1192+12	1193+20	SB				216							DOUBLE SOLID YELLOW
25	1192+12	1193+20	NB				216							DOUBLE SOLID YELLOW
			SUB-TOTALS:	337	0	71	8,451	2,005	0	0	18	2	2	
			TABLE 5 SUB-TOTAL:	408			10,456		0	0	18	2	2	
			TABLE 1 SUB-TOTAL:	4,684			11,461		127	37	24	1	0	
			TABLE 2 SUB-TOTAL:	3,189			5,619		230	95	16	4	0	
			TABLE 3 SUB-TOTAL:	2,236			7,422		232	74	23	0	0	
			TABLE 4 SUB-TOTAL:	4,318			7,333		174	97	12	2	0	
			PAY TOTALS:	14,835			42,291		763	303	93	9	2	

SUMMARY OF QUANTITIES
SHEET 17 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
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KC	3

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J4S3412

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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

TEMPORARY EROSION CONTROL

STA	STA	ROUTE	OFFSET	SILT FENCE (LF)	CURB INLET CHECKS (LF)	SEDIMENT REMOVAL (CY)
1111+60		RTE 1	LEFT		15	1
1113+25		RTE 1	LEFT		15	1
1113+27		RTE 1	RIGHT		15	1
1113+91		RTE 1	LEFT		15	1
1113+92		RTE 1	RIGHT		15	1
1114+50		RTE 1	LEFT		15	1
1114+50		RTE 1	RIGHT		15	1
1115+72	1118+93	RTE 1	LEFT	327		4
1116+73		RTE 1	LEFT		15	1
1116+83		RTE 1	RIGHT		15	1
1120+12		RTE 1	LEFT		15	1
1120+52		RTE 1	RIGHT		15	1
1123+55		RTE 1	LEFT		15	1
1124+60		RTE 1	LEFT		15	1
1125+02	1125+27	RTE 1	RIGHT	27		1
1125+82		RTE 1	RIGHT		15	1
1126+82		RTE 1	LEFT		15	1
1131+15	1132+16	RTE 1	LEFT	101		2
1131+32		RTE 1	RIGHT		15	1
1131+52		RTE 1	LEFT		15	1
1132+34		RTE 1	RIGHT		15	1
1132+34		RTE 1	LEFT		15	1
1132+98		RTE 1	RIGHT		15	1
1133+35		RTE 1	RIGHT		15	1
1133+36		RTE 1	RIGHT		15	1
1133+82		RTE 1	RIGHT		15	1
1135+80		RTE 1	RIGHT		15	1
1136+16		RTE 1	RIGHT		15	1
1136+49		RTE 1	RIGHT		15	1
1137+57		RTE 1	RIGHT		15	1
1138+30	1140+56	RTE 1	LEFT	227		3
1138+81		RTE 1	RIGHT		15	1
1139+17		RTE 1	RIGHT		15	1
1140+36		RTE 1	RIGHT		15	1
1140+42		RTE 1	LEFT		15	1
1141+32		RTE 1	RIGHT		15	1
1142+20		RTE 1	RIGHT		15	1
1142+72		RTE 1	LEFT		15	1
1142+72		RTE 1	RIGHT		15	1
1143+60		RTE 1	LEFT		15	1
1143+82		RTE 1	RIGHT		15	1
1144+75		RTE 1	RIGHT		15	1
1145+02		RTE 1	LEFT		15	1
1145+62		RTE 1	RIGHT		15	1
1153+24		RTE 1	RIGHT		15	1
1154+32		RTE 1	RIGHT		15	1
1154+70		RTE 1	LEFT		15	1
1154+95		RTE 1	LEFT		15	1
1155+07		RTE 1	RIGHT		15	1
1155+46		RTE 1	LEFT		15	1
1156+62		RTE 1	RIGHT		15	1
1156+62		RTE 1	LEFT		15	1
1157+11		RTE 1	RIGHT		15	1
1157+42		RTE 1	LEFT		15	1
1157+62		RTE 1	RIGHT		15	1
1157+86		RTE 1	LEFT		15	1
1158+13		RTE 1	RIGHT		15	1
1158+31		RTE 1	LEFT		15	1
1158+81		RTE 1	LEFT		15	1
1158+91		RTE 1	RIGHT		15	1
1160+11		RTE 1	RIGHT		15	1
1163+21		RTE 1	LEFT		15	1
1164+81		RTE 1	LEFT		15	1
1166+49		RTE 1	RIGHT		15	1
1166+97		RTE 1	LEFT		15	1
1168+12		RTE 1	LEFT		15	1
ROW 3 PAY TOTALS:				682	930	72

TEMPORARY EROSION CONTROL

STA	STA	ROUTE	OFFSET	SILT FENCE (LF)	CURB INLET CHECKS (LF)	SEDIMENT REMOVAL (CY)
1168+41		RTE 1	LEFT		15	1
1168+80		RTE 1	LEFT		15	1
1170+43		RTE 1	LEFT		15	1
1170+44		RTE 1	RIGHT		15	1
1171+80		RTE 1	LEFT		15	1
1172+13		RTE 1	LEFT		15	1
1172+52		RTE 1	LEFT		15	1
1172+80		RTE 1	LEFT		15	1
1174+41		RTE 1	LEFT		15	1
1174+41		RTE 1	RIGHT		15	1
1174+90		RTE 1	LEFT		15	1
1174+91		RTE 1	RIGHT		15	1
1175+41		RTE 1	LEFT		15	1
1175+46		RTE 1	RIGHT		15	1
1175+77		RTE 1	RIGHT		15	1
1176+46		RTE 1	RIGHT		15	1
1177+81		RTE 1	RIGHT		15	1
1178+40		RTE 1	RIGHT		15	1
1179+17	1179+50	RTE 1	LEFT	38		1
1179+57		RTE 1	RIGHT		15	1
1179+96		RTE 1	RIGHT		15	1
1180+10	1180+34	RTE 1	LEFT	24		1
1180+28		RTE 1	RIGHT		15	1
1180+32		RTE 1	LEFT		15	1
1180+78		RTE 1	RIGHT		15	1
1181+30		RTE 1	RIGHT		15	1
1181+74		RTE 1	RIGHT		15	1
1182+20		RTE 1	RIGHT		15	1
1182+62		RTE 1	LEFT		15	1
1182+63		RTE 1	RIGHT		15	1
1183+10		RTE 1	RIGHT		15	1
1183+55		RTE 1	RIGHT		15	1
1184+00		RTE 1	RIGHT		15	1
1184+61		RTE 1	RIGHT		15	1
1184+95		RTE 1	LEFT		15	1
1185+30		RTE 1	RIGHT		15	1
1186+30		RTE 1	RIGHT		15	1
1187+00		RTE 1	RIGHT		15	1
1187+02	1187+23	RTE 1	LEFT	22		1
1188+40		RTE 1	RIGHT		15	1
1189+15		RTE 1	RIGHT		15	1
1190+10		RTE 1	LEFT		15	1
1190+12		RTE 1	RIGHT		15	1
1190+50		RTE 1	RIGHT		15	1
1190+50		RTE 1	LEFT		15	1
1190+80		RTE 1	LEFT		15	1
1191+34		RTE 1	LEFT		15	1
1191+94		RTE 1	RIGHT		15	1
1192+89		RTE 1	RIGHT		15	1
1193+13		RTE 1	LEFT		15	1
TABLE 4 PAY TOTALS:				84	705	50
TABLE 1 PAY TOTALS:				2,979	825	89
TABLE 2 PAY TOTALS:				2,692	765	85
TABLE 3 PAY TOTALS:				682	930	72
TOTAL PAY TOTALS:				6,437	3,225	296

SUMMARY OF QUANTITIES
SHEET 18 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

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TEMPORARY EROSION CONTROL

STA	STA	ROUTE	OFFSET	SILT FENCE (LF)	CURB INLET CHECKS (LF)	SEDIMENT REMOVAL (CY)
1009+54		RTE 1	LEFT		15	1
1010+40	1015+27	RTE 1	RIGHT	488		5
1011+28		RTE 1	LEFT		15	1
1013+54		RTE 1	LEFT		15	1
1013+77		RTE 1	RIGHT		15	1
1015+58		RTE 1	LEFT		15	1
1015+53	1020+94	RTE 1	RIGHT	547		6
1017+03		RTE 1	LEFT		15	1
1017+28		RTE 1	RIGHT		15	1
1018+95	1021+00	RTE 1	LEFT	207		3
1020+27		RTE 1	LEFT		15	1
1020+52		RTE 1	RIGHT		15	1
1020+68		RTE 1	LEFT		15	1
1021+61	1024+94	RTE 1	RIGHT	347		4
1021+45	1021+88	RTE 1	LEFT	46		1
1024+03		RTE 1	LEFT		15	1
1024+18		RTE 1	RIGHT		15	1
1026+04		RTE 1	LEFT		15	1
1027+19		RTE 1	LEFT		15	1
1027+27		RTE 1	RIGHT		15	1
1029+13		RTE 1	LEFT		15	1
1030+64		RTE 1	LEFT		15	1
1030+78		RTE 1	RIGHT		15	1
1032+24		RTE 1	LEFT		15	1
1032+24		RTE 1	RIGHT		15	1
1034+30		RTE 1	LEFT		15	1
1034+46		RTE 1	RIGHT		15	1
1035+18	1037+07	RTE 1	LEFT	193		2
1037+45		RTE 1	LEFT		15	1
1037+46		RTE 1	RIGHT		15	1
1040+46		RTE 1	RIGHT		15	1
1040+60		RTE 1	LEFT		15	1
1042+14		RTE 1	LEFT		15	1
1042+32		RTE 1	RIGHT		15	1
1042+32		RTE 1	RIGHT		15	1
1044+45		RTE 1	LEFT		15	1
1044+46		RTE 1	RIGHT		15	1
1044+81	1046+11	RTE 1	RIGHT	134		2
1045+26		RTE 1	LEFT		15	1
1045+27		RTE 1	RIGHT		15	1
1046+06		RTE 1	LEFT		15	1
1046+06		RTE 1	RIGHT		15	1
1046+96		RTE 1	LEFT		15	1
1047+21		RTE 1	RIGHT		15	1
1048+17		RTE 1	RIGHT		15	1
1048+44		RTE 1	RIGHT		15	1
1048+80		RTE 1	RIGHT		15	1
1048+95		RTE 1	LEFT		15	1
1049+41	1050+28	RTE 1	RIGHT	94		1
1051+67		RTE 1	RIGHT		15	1
1051+95		RTE 1	LEFT		15	1
1051+95		RTE 1	RIGHT		15	1
1052+36		RTE 1	RIGHT		15	1
1052+75	1053+62	RTE 1	RIGHT	100		1
1053+88	1057+69	RTE 1	LEFT	382		4
1054+10		RTE 1	LEFT		15	1
1055+75		RTE 1	LEFT		15	1
1056+14		RTE 1	RIGHT		15	1
1058+19	1061+39	RTE 1	LEFT	441		5
1058+51		RTE 1	LEFT		15	1
1059+17		RTE 1	RIGHT		15	1
1060+70		RTE 1	RIGHT		15	1
1061+47		RTE 1	RIGHT		15	1
1062+02		RTE 1	RIGHT		15	1
1063+10		RTE 1	RIGHT		15	1
1064+26		RTE 1	RIGHT		15	1
			ROW 1 PAY TOTALS:	2,979	825	89

TEMPORARY EROSION CONTROL

STA	STA	ROUTE	OFFSET	SILT FENCE (LF)	CURB INLET CHECKS (LF)	SEDIMENT REMOVAL (CY)
1065+22		RTE 1	RIGHT		15	1
1065+45		RTE 1	LEFT		15	1
1065+85		RTE 1	RIGHT		15	1
1066+13		RTE 1	LEFT		15	1
1066+29		RTE 1	RIGHT		15	1
1066+57		RTE 1	RIGHT		15	1
1067+00		RTE 1	RIGHT		15	1
1067+63		RTE 1	RIGHT		15	1
1067+83	1068+50	RTE 1	LEFT	70		1
1068+71		RTE 1	RIGHT		15	1
1068+84	1069+06	RTE 1	LEFT	22		1
1069+19		RTE 1	LEFT		15	1
1073+22	1077+08	RTE 1	LEFT	387		4
1076+93		RTE 1	RIGHT		15	1
1077+10		RTE 1	LEFT		15	1
1077+99	1081+07	RTE 1	LEFT	308		4
1078+04		RTE 1	RIGHT		15	1
1078+20		RTE 1	LEFT		15	1
1078+75		RTE 1	RIGHT		15	1
1078+75		RTE 1	LEFT		15	1
1079+43		RTE 1	RIGHT		15	1
1079+83		RTE 1	LEFT		15	1
1080+10		RTE 1	RIGHT		15	1
1080+86		RTE 1	RIGHT		15	1
1081+28		RTE 1	RIGHT		15	1
1081+50	1084+18	RTE 1	LEFT	268		3
1082+12		RTE 1	RIGHT		15	1
1083+33		RTE 1	RIGHT		15	1
1085+87	1087+80	RTE 1	LEFT	196		2
1085+90		RTE 1	RIGHT		15	1
1086+33		RTE 1	LEFT		15	1
1087+03		RTE 1	RIGHT		15	1
1087+86		RTE 1	RIGHT		15	1
1088+30		RTE 1	RIGHT		15	1
1088+22	1088+72	RTE 1	LEFT	56		1
1088+54		RTE 1	RIGHT		15	1
1090+04	1091+90	RTE 1	LEFT	186		2
1090+90		RTE 1	RIGHT		15	1
1091+18		RTE 1	RIGHT		15	1
1091+57		RTE 1	RIGHT		15	1
1092+29	1094+46	RTE 1	LEFT	217		3
1092+43		RTE 1	LEFT		15	1
1092+44		RTE 1	RIGHT		15	1
1094+70		RTE 1	RIGHT		15	1
1094+79	1096+33	RTE 1	LEFT	154		2
1095+11		RTE 1	RIGHT		15	1
1095+43		RTE 1	LEFT		15	1
1095+43		RTE 1	RIGHT		15	1
1096+77	1097+93	RTE 1	LEFT	116		2
1097+89		RTE 1	LEFT		15	1
1097+89		RTE 1	RIGHT		15	1
1099+00	1099+48	RTE 1	LEFT	49		1
1099+81	1102+27	RTE 1	LEFT	246		3
1101+23		RTE 1	RIGHT		15	1
1101+23		RTE 1	LEFT		15	1
1104+22		RTE 1	LEFT		15	1
1104+55		RTE 1	RIGHT		15	1
1106+08		RTE 1	LEFT		15	1
1107+45		RTE 1	LEFT		15	1
1109+01		RTE 1	RIGHT		15	1
1110+18		RTE 1	LEFT		15	1
1110+71		RTE 1	LEFT		15	1
1110+84		RTE 1	LEFT		15	1
1111+12	1111+71	RTE 1	RIGHT	60		1
1111+38	1114+89	RTE 1	LEFT	357		4
1111+48		RTE 1	RIGHT		15	1
			ROW 2 PAY TOTALS:	2,692	765	85

SUMMARY OF QUANTITIES
SHEET 19 OF 20

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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PRO. ENGINEER 2010005873

WARNING SIGNS

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
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	2	32.00			8	REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00	3	48.00			8	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	1	16.00			3	MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00	1	16.00			3	MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						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	10	160.00			14	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	4	16.00			15	DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25	3	18.75			7	ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	28	448.00			1	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	2	32.00			16	ROAD CLOSED AHEAD
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	3	48.00			2	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	3	48.00			4	RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32.00				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)

GUIDE SIGNS

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
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	4	40.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	3	24.00			6	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	18.00			9	WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00	1	12.00			17	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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
R1-1	48X48	13.25	3	39.75			13	STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	3	36.00			9	SPEED LIMIT XX
R3-1	48X48	16.00	1	16.00			10	NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	7	112.00			10	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	1	6.25			12	LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	1	6.25			12	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	16	192.00			11	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	4	8.00				SIDEWALK CLOSED
R9-11L	24X18	3.00	2	6.00				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	2	6.00				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	18	180.00			5	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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
CONST-5	48X36	12.00	2	24.00				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00	4	48.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	1721

616-10.10 RELOCATED SIGNS	TOTAL
	0

EFFECTIVE: 07-01-2024

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008	2	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	220	CHANNELIZER (TRIM LINE)
6161030	69	TYPE III MOVEABLE BARRICADE
6161033	39	DIRECTION INDICATOR BARRICADE
6161040	3	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055	39	SEQUENTIAL FLASHING WARNING LIGHT
6161070	77	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	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6208076	20739	TEMPORARY PAVEMENT MARKING, 4 IN., WHITE
6208076	29692	TEMPORARY PAVEMENT MARKING, 4 IN., YELLOW
6205309	162	TEMPORARY REMOVABLE MARKING TAPE, 24 IN., WHITE
6207001	1510	PAVEMENT MARKING REMOVAL
6169902	8	MISC. ADA COMPLIANT MOVABLE BARRICADE

SUMMARY OF QUANTITIES
SHEET 20 OF 20

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

EXISTING PEDESTRIAN PATH USED
IN PLACE IS ADA COMPLIANT.

SCALE
0 20 40 60

WAL-MART REAL ESTATE BUISNESS TRUST
BK. 6076, PG.166

EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W

TRACT 2
AGREE CENTRAL, LLC
BK. 9536, PG. 26
LOT 1 GLADSTONE COMMONS

NE 72ND ST.
¼ SEC. LINE

$NW^4\ S^4\ 19$
T51N R32W

1010

DND
STA 1009+62.94
OFF 53.23' LT.
CR-1
SAW CUT
ADJUST UTILITY
1009+83.04
STA 1010+69.50
OFF 44.72'
STA 1010+57.50
OFF 44.21'
12" WM CITY OF GLADSTONE
NKCPS
SAW CUT
83'
SAW CUT
24'
STA 1010+50.00
OFF 42.00' RT.
S.L.
MATCHLINE STA. 1010+80.00

℄ RTE. 1 (N. PROSPECT AVE.)
BEGIN PROJECT
STA 1009+70.00
RTE. 1 (N. PROSPECT AVE.)

EXIST. R/W
EXIST. R/W
NE 72ND ST.
¼ SEC. LINE

ES INVESTORS LLC
BK. 7650, PG. 154

$NE^4\ S^4\ 24$
T51N R33W

TRACT 1
VINEYARD KC EAST, INC. DBA NEW WINE CHURCH
BK. 9495, PGS. 104 & 112

PLAN SHEET
1 OF 41

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.

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

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	4

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

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)

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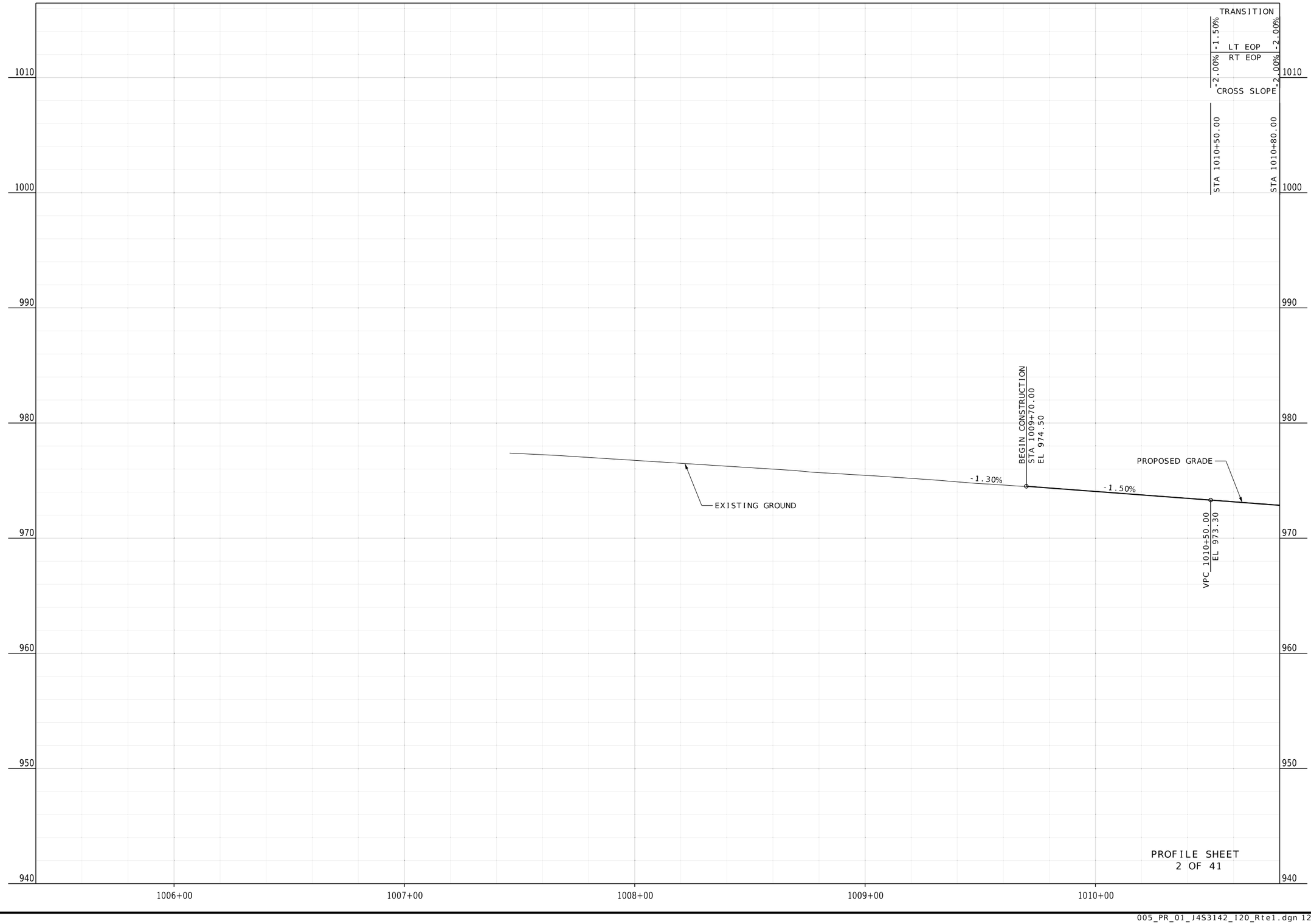

PROFILE SHEET
2 OF 41

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	5

COUNTY
CLAY

JOB NO.
J4S3412

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

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ENGINEERS & ARCHITECTS

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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS.

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

SCALE
0 20 40 60

TRACT 2
AGREE CENTRAL, LLC
BK. 9536, PG. 26
LOT 1 GLADSTONE COMMONS

HALL SANDRA L
BK. 6281 PG. 71

$NW^4 S^4$ 19
T51N R32W

EXIST. ESMT.
EXIST. R/W
EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
8" WATER DIST. CITY OF GLADSTONE
℄
W
NKCPS
FO
OE
GAS-2" IP SPIRE
S.L.
SAW CUT
ENT. 1
END STA 1+00.00
1015
START STA 0+00.00
MATCHLINE STA. 1010+80.00
MATCHLINE STA. 1016+20.00
REPLACE STORM LID
STA. 1011+27.62
REPLACE STORM LID
STA. 1013+53.46
REPLACE STORM LID
STA. 1013+77.06
¼ SEC. LINE
℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)
33'
66'
DND
6' SIDEWALK
5' SIDEWALK
STA 1012+00.00
OFF 42.00'
STA 1012+00.23
OFF 44.08'
STA 1012+12.00
OFF 42.00'
STA 1012+12.00
OFF 44.00'
ATT
SAW CUT
ENT. 2

TRACT 1
VINEYARD KC EAST, INC. DBA NEW WINE CHURCH
BK. 9495, PGS. 104 & 112

TRACT 1
VINEYARD KC EAST, INC. DBA NEW WINE CHURCH
BK. 9495, PGS. 104 & 112

TRACT 1
VINEYARD KC EAST, INC. DBA NEW WINE CHURCH
BK. 9495, PGS. 104 & 112

TRACT 3
GLADSTONE MEADOWS, L.P.
DEED BK. 2297 PG. 285
GLADSTONE MEADOWS APARTMENTS
LOT 1 - BK. 20 PG. 49

$NE^4 S^4$ 24
T51N R33W

PLAN SHEET
3 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	6

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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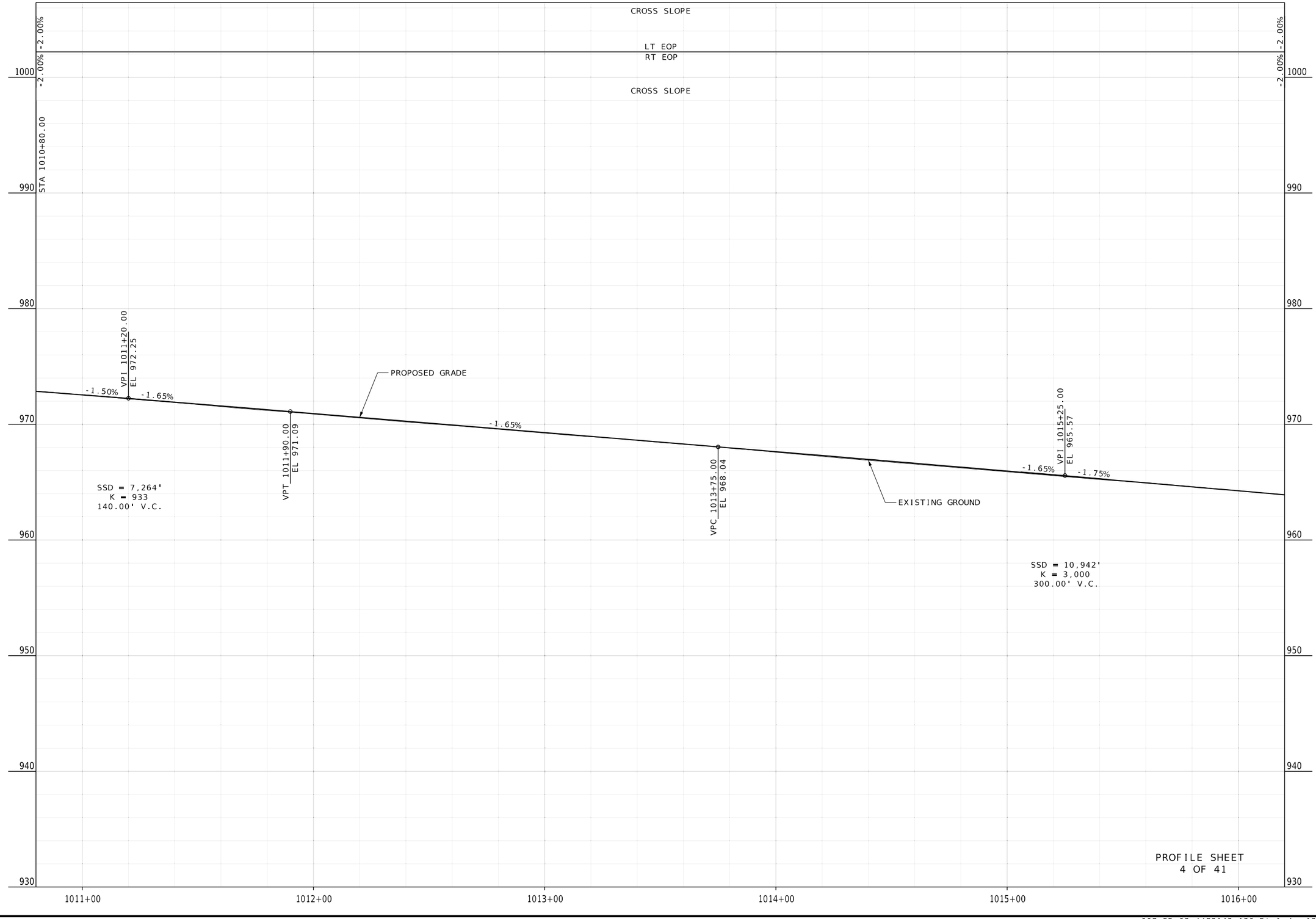
WILSON &COMPANY
ENGINEERS & ARCHITECTS



PROFILE SHEET
4 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS.

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

SCALE
0 20 40 60

LOT 4
HALL SANDRA L
BK. 6281 PG. 71

OIL/GAS ESMT
BK. 1705, PG. 312

EXIST. ESMT.

EXIST. ESMT.

LOT 3
PEARSON JIM & JACKIE
BK. 5069 PG. 91

LOT 2
HEATH JAMES H & CAROLYN SETAL
BK. 9668 PG. 88

TRACT "A"
NORTHAVEN GARDENS-FIRST PLAT

10' U/E PER PLAT

NW4 S4 19
T51N R32W

LOT 1
TOLEDO MICHAEL TRUAX, CARMEN
BK. 6455 PG. 105

EXIST. R/W

EXIST. R/W

EXIST. R/W

8" WATER DIST. CITY OF GLADSTONE

12" WM CITY OF GLADSTONE

12" WM CITY OF GLADSTONE

NKCP5

NKCP5

FL-24" CPP = 952.90'

FL-24" CPP = 949.11'

NE 70TH ST.

1020

SAW CUT

STA. 1021+24.03 ℄ RTE. 1 =
STA. 20+00.00 ℄ NE 70TH ST.

S.L.

MATCHLINE STA. 1016+20.00

MATCHLINE STA. 1021+60.00

REPLACE STORM LID
STA. 1017+02.93

¼ SEC. LINE

¼ SEC. LINE

REPLACE STORM LID
STA. 1020+26.67

REPLACE STORM LID
STA. 1020+67.52

RTE. 1 (N. PROSPECT AVE.)

℄ RTE. 1 (N. PROSPECT AVE.)

66'

33'

33'

REPLACE STORM LID
STA. 1017+27.54

REPLACE STORM LID
STA. 1020+52.39

DND

CR-3

6' SIDEWALK

S.L.

S.L.

CR-2

STA 1020+10.00
OFF 42.00'

STA 1020+10.00
OFF 44.00'

STA 1020+22.00
OFF 42.00'

STA 1020+22.00
OFF 42.00'

ATT

ATT

SAW CUT

EXIST. R/W

EXIST. ESMT.

20' ELEC. ESMNT BK.1643 PG.451

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

NE4 S4 24
T51N R33W

TRACT 3
GLADSTONE MEADOWS, L.P.
DEED BK. 2297 PG. 285
GLADSTONE MEADOWS APARTMENTS
LOT 1 - BK. 20 PG. 49

NE 70TH ST.

PLAN SHEET
5 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	8

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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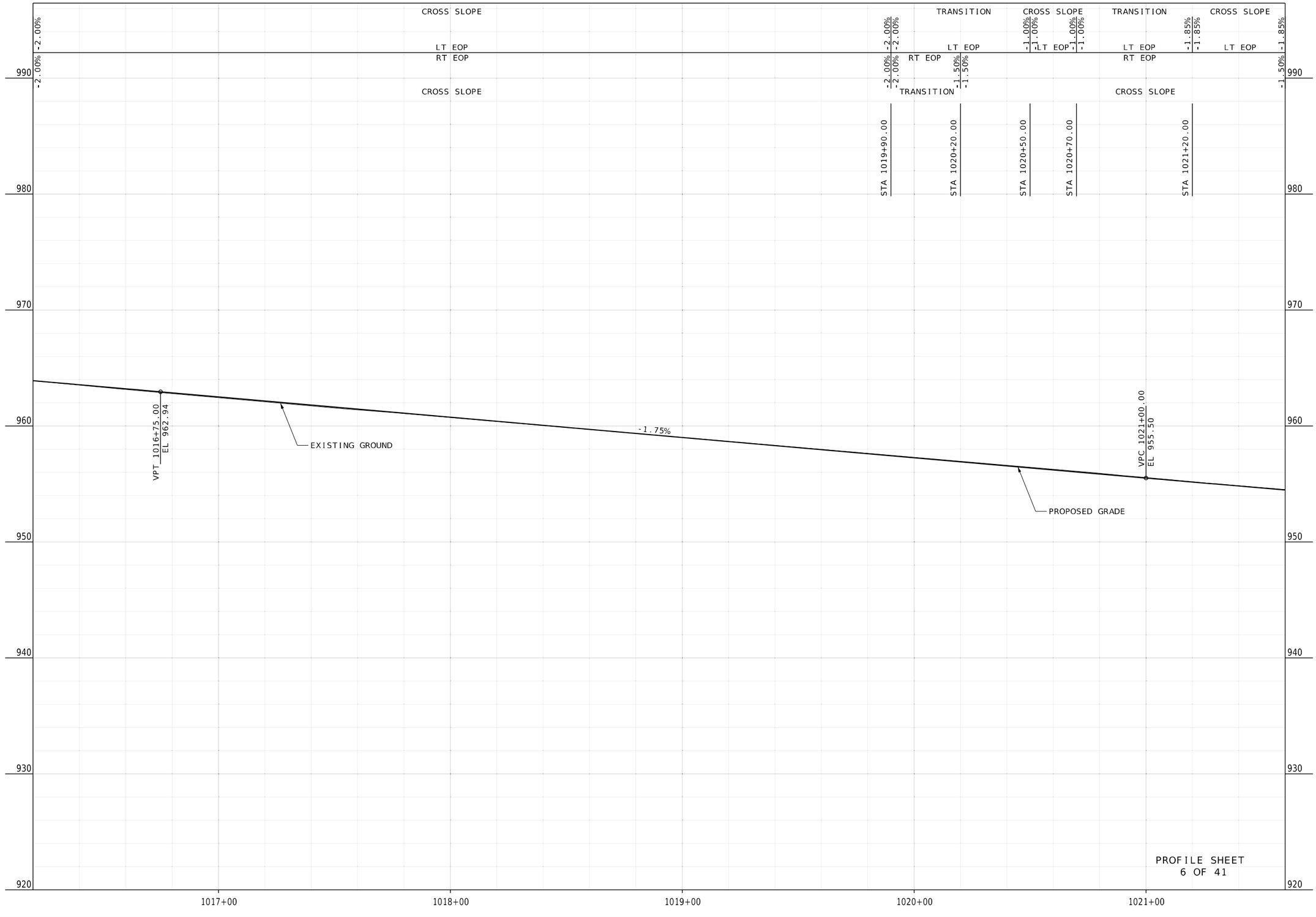
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PROFILE SHEET
6 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	9

COUNTY
CLAY

JOB NO.
J4S3412

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

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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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

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

SCALE
0 20 40 60

$NW^4\ S^4\ 19$
T51N R32W

TRACT 6
NORTHLAND CHINESE CHRISTIAN CHURCH
DEED BK. 3539 PG. 703

TRACT 7
BOCAR & ASSA TANDIA
DEED BK. 4707 PG. 659

EXIST. R/W
EXIST. ESMT.
EXIST. R/W
NE 69TH TERR.
EXIST. R/W
EXIST. R/W
12" WM CITY OF GLADSTONE
12" WM CITY OF GLADSTONE
1025
STA 1022+20.00
OFF 41.91'
STA 1022+32.00
OFF 42.05'
SAW CUT
ENT. 3
STA 1024+80.46
OFF 36.00'
SAW CUT
MATCHLINE STA. 1021+60.00
¼ SEC. LINE
33'
REPLACE STORM LID
STA. 1024+02.76
¼ SEC. LINE
STA 1024+80.39
OFF 33.00' LT.
℄ RTE. 1 (N. PROSPECT AVE.)
REPLACE STORM LID
STA. 1026+03.84
RTE. 1 (N. PROSPECT AVE.)
MATCHLINE STA. 1027+00.00
33'
REPLACE STORM LID
STA. 1024+18.42
STA 1024+79.95
OFF 33.00' RT.
6' SIDEWALK
DND
S.L.
DND
STA. 1026+54.10 ℄ RTE. 1 =
STA. 30+00.00 ℄ NE 69TH TERR.
CR-4
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W

TRACT 5
GLADSTONE 180 LLC
DEED BK. 7159 PG. 163
PROSPECT-1
TRACT B - BK.20 PG.76

$NE^4\ S^4\ 24$
T51N R33W

PLAN SHEET
7 OF 41

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
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DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	10

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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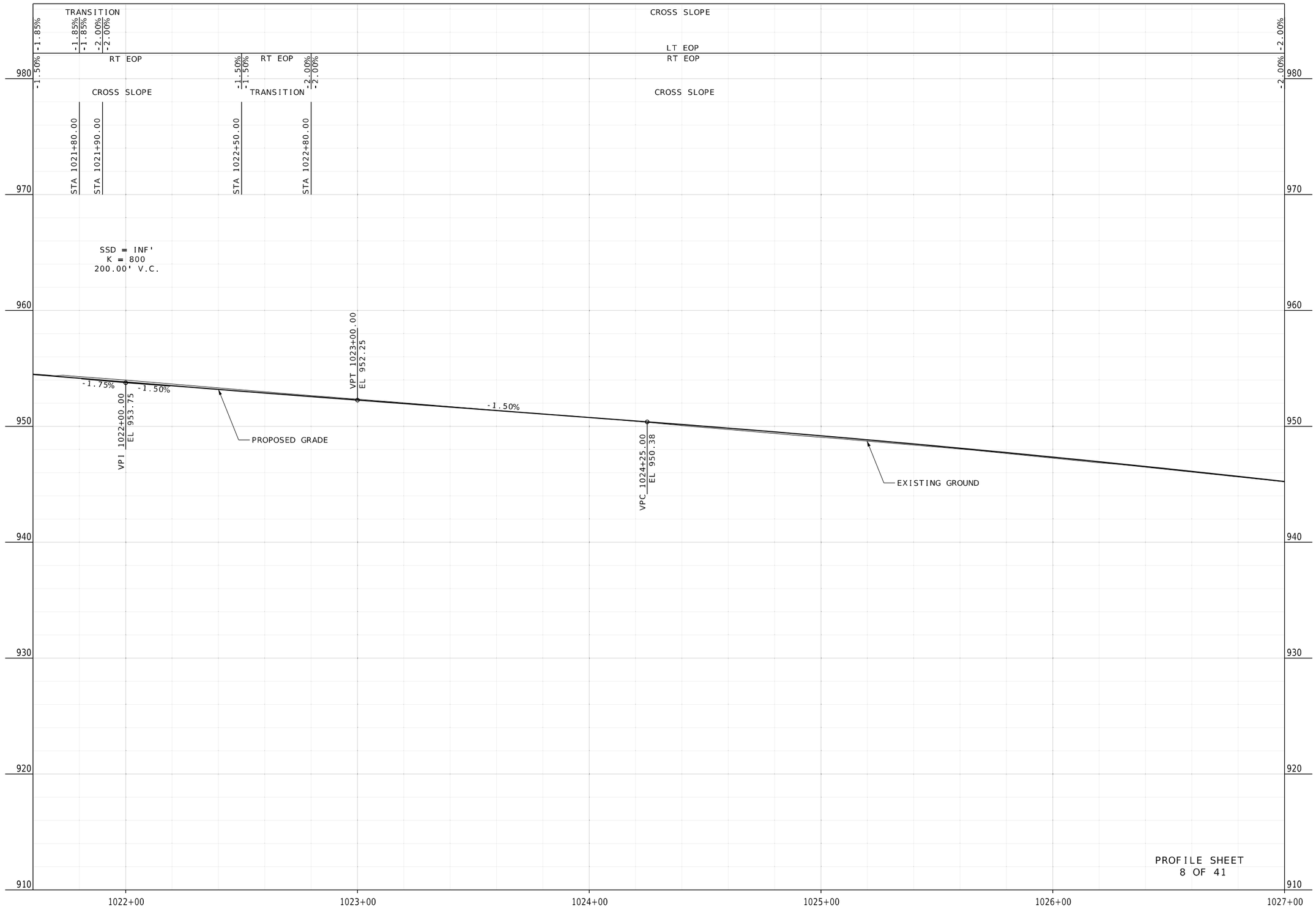

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	11

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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RUNNING SLOPE = 8.33% MAX

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SPECIAL SHEETS & PAVEMENT
MARKING SHEETS

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

SCALE
0 20 40 60

TRACT 8
LARRY & BEVERLY JEAN
BARTON
DEED BK. 2426 PG. 647

TRACT 9
STUART N. BORDERS &
REBECCA L. CAHILL
DEED BK. 7598 PG. 115

TRACT 10
TRONG VU
DEED BK. 7285 PG. 77

TRACT 11
BRANDON S. HORN &
APRIL R. WHITELEY
DEED BK. 9361 PG. 123

$NW^4\ S^4\ 19$
T51N R32W

EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
NE 69TH ST.
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
1030

MATCHLINE STA. 1027+00.00

STA 1027+29.35
OFF 24.00' LT.
REPLACE STORM LID
STA. 1027+18.49
REPLACE STORM LID
STA. 1027+27.57
STA 1027+29.35
OFF 28.00' RT.
S.L.
DND
6" SIDEWALK
SAW CUT
¼ SEC. LINE
REPLACE STORM LID
STA. 1029+12.73
24'
28'
RTE. 1 (N. PROSPECT AVE.)
STA. 1029+63.09 ℄ RTE. 1 =
STA. 40+00.00 ℄ NE 69TH ST.
STA 1030+14.99
OFF 28.00' RT.
REPLACE STORM LID
STA. 1030+64.11
STA 1031+32.85
OFF 35.19'
STA 1031+44.85
OFF 35.54'
12" WM CITY OF GLADSTONE
REPLACE STORM LID
STA. 1032+23.94
¼ SEC. LINE
℄ RTE. 1 (N. PROSPECT AVE.)
26'
26'
REPLACE STORM LID
STA. 1030+78.61
DND
S.L.
REPLACE STORM LID
STA. 1032+23.57

MATCHLINE STA. 1032+40.00

EXIST. R/W

LEGEND
CONCRETE SIDEWALK/MEDIAN
MILL & OVERLAY
CONCRETE APPROACH
TRUCTATED DOMES

TRACT 5
GLADSTONE 180 LLC
DEED BK. 7159 PG. 163
PROSPECT-1
TRACT B - BK.20 PG.76

$NE^4\ S^4\ 24$
T51N R33W

EXIST. R/W

PLAN SHEET
9 OF 41

STATE OF MISSOURI
GARRETT J. LUST
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ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	12

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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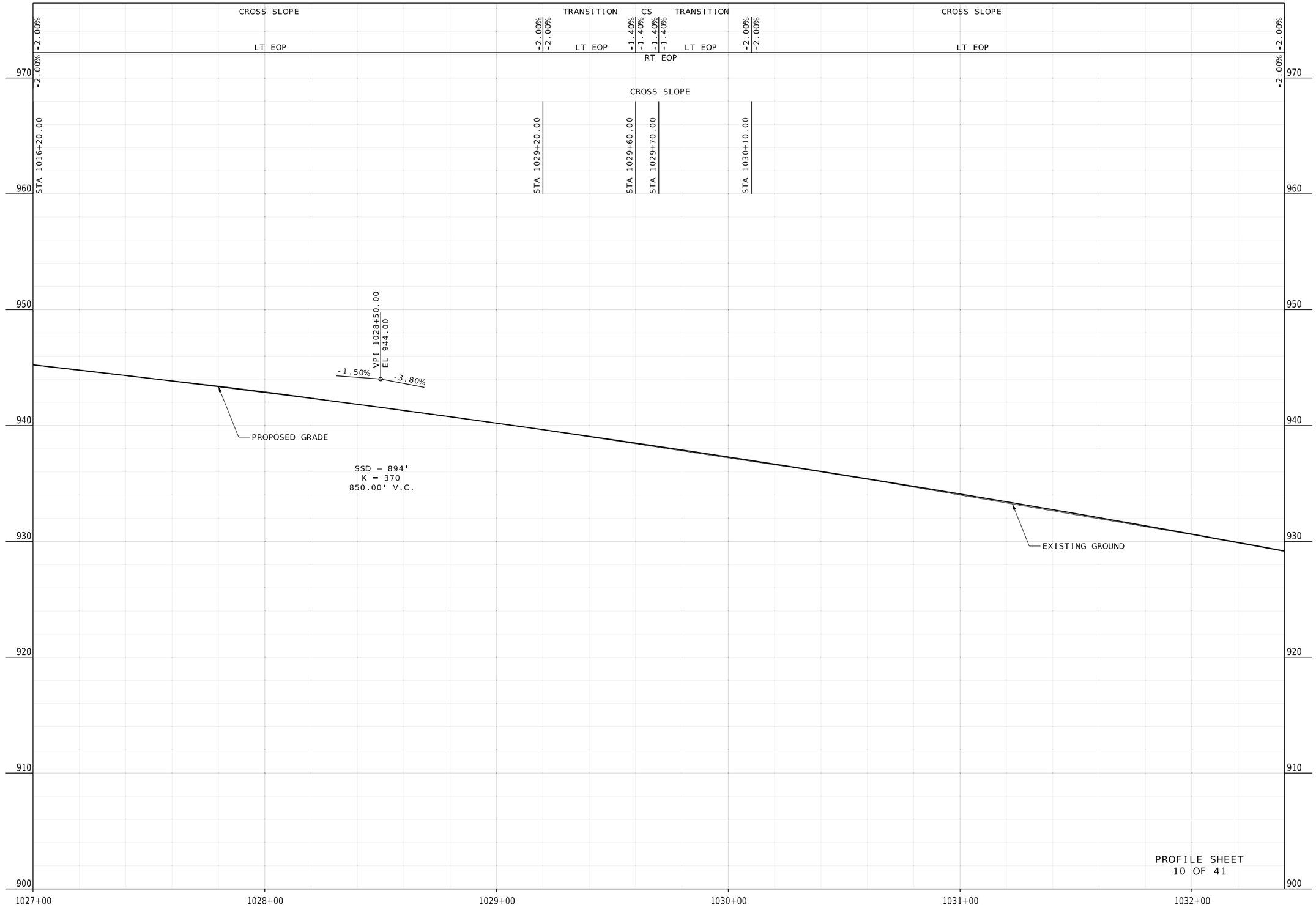

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ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	13

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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RUNNING SLOPE = 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS.

EXIST. R/W

NE 68TH TERR.

EXIST. R/W

TRACT 12
DONALD & BARBARA PROCK
DEED BK. 5056 PG. 15

GUSTAVO T. & IRENE VASQUEZ
DEED BK. 8026 PG. 89

AARON S. HALL
DEED BK. 8332 PG. 153

DAVID D. & HURSCHLENE ATKINSON
DEED BK. 5017 PG. 108

SCALE
0 20 40 60

$SW^4 S^4$ 19
T51N R32W

EXIST. R/W

STA. 1032+80.41 ℄ RTE. 1 =
STA. 60+00.00 ℄ NE 68TH TERR.

1035

8" WATER DIST. CITY OF GLADSTONE
12" WM CITY OF GLADSTONE

MATCHLINE STA. 1032+40.00

SAW CUT

S.L.

¼ SEC. LINE

26'

REPLACE STORM LID
STA. 1034+30.40

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

REPLACE STORM LID
STA. 1037+45.39

REPLACE STORM LID
STA. 1037+45.81

MATCHLINE STA. 1037+80.00

ADJUST STORM MH
STA. 1032+69.01

CR-5

CR-6

STA 1033+30.06
OFF 36.69' RT.

REPLACE STORM LID
STA. 1034+45.88

DND

STA 1033+97.55
OFF 34.76'

STA 1033+78.83
OFF 34.81'

REMOVE & REPLACE 3 SIDEWALK PANELS
CONSTRUCT 5'X 5' PASSING SPACE
STA. 1034+97.50
OFF. 39.79 RT.

REMOVE & REPLACE 3 SIDEWALK PANELS
CONSTRUCT 5'X 5' PASSING SPACE
STA. 1036+97.50
OFF. 39.75 RT.

STA. 1032+79.55 ℄ RTE. 1 =
STA. 60+00.00 ℄ NE 68TH ST.

NE 68TH ST.

SAW CUT

EXIST. R/W

TRACT 13
SINGLE FAMILY, LLC
DEED BK. 7612 PG. 182
PROSPECT-1
TRACT C - BK. 20 PG. 76

TRACT 14
CITY OF GLADSTONE
DEED BK. 7353 PG. 34

$SE^4 S^4$ 25
T51N R33W

CITY OF GLADSTONE
DEED BK. 3582 PG. 474
ALL OF LOTS 59 THRU 67

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

PLAN SHEET
11 OF 41

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

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DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	14

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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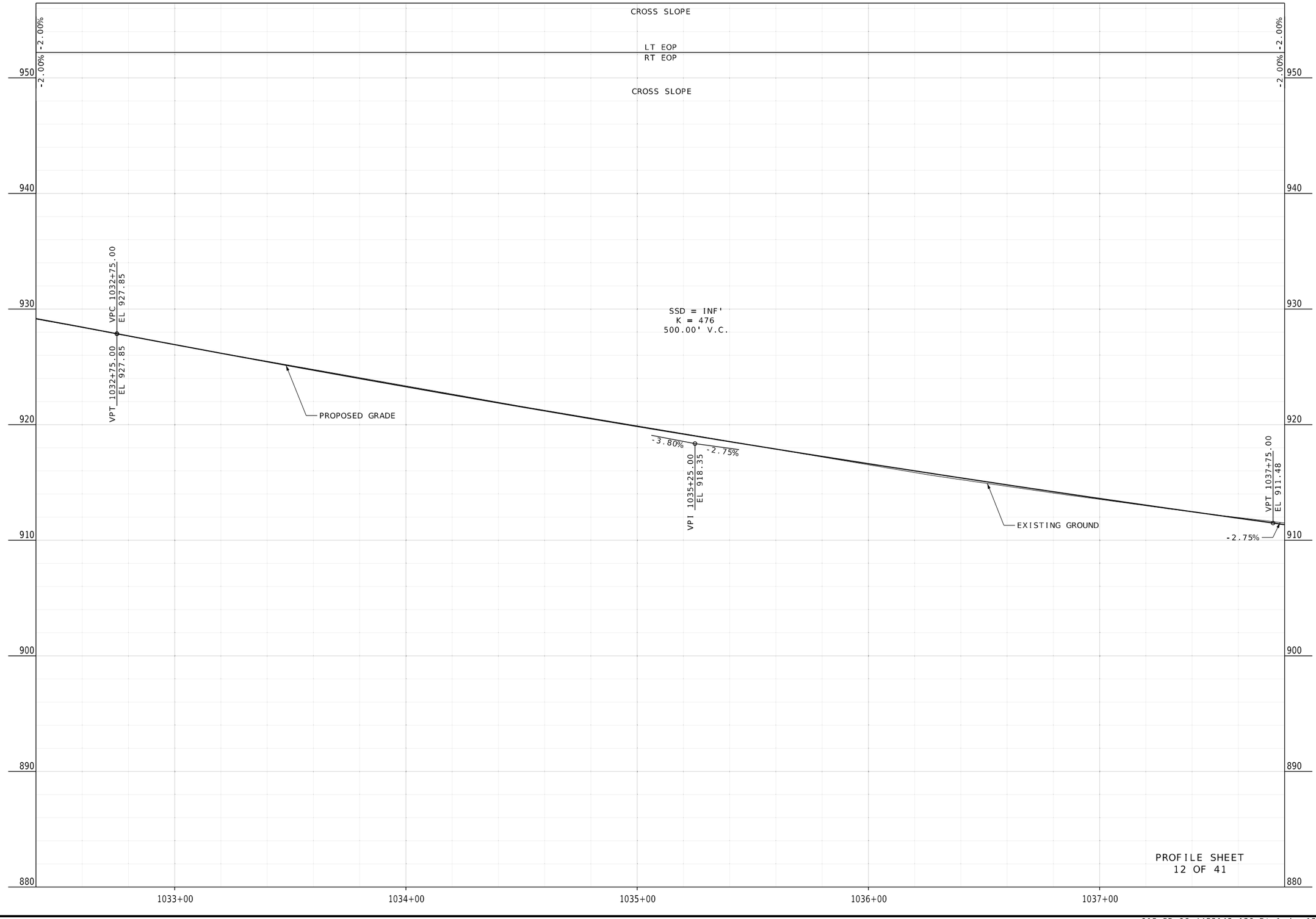

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3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	15

COUNTY
CLAY

JOB NO.
J4S3412

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
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NOTE:
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RUNNING SLOPE = 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

SCALE
0 20 40 60

JEFFREY D. COOK
DEED BK. 7007 PG. 180

SHARON LIGGETT
DEED BK. 7945 PG. 66

$SW^4 S^4$ 19
T51N R32W

RICHARD N. BRAMLETT
DEED BK. 3315 PG. 102

COREY W. CLARKE
DEED BK. 9253 PG. 75

EXIST. R/W

NE 67TH TERR.

EXIST. R/W

STA. 1042+65.49 ℄ RTE. 1 =
STA. 70+00.00 ℄ NE 67TH TERR.

EXIST. R/W

1040

30 30 30 30 30 30 30 30 30

MATCHLINE STA. 1037+80.00

S.L.

¼ SEC. LINE

26'

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

REPLACE STORM LID
STA. 1040+60.21

REPLACE STORM LID
STA. 1042+13.88

SAW CUT

S.L.

¼ SEC. LINE

MATCHLINE STA. 1043+20.00

REPLACE STORM LID
STA. 1040+45.95

REPLACE STORM LID
STA. 1042+32.33

26'

S.L.

S.L.

SAW CUT

REMOVE & REPLACE 3 SIDEWALK PANELS
CONSTRUCT 5'X 5' PASSING SPACE
STA. 1038+97.50
OFF. 39.50 RT.

REMOVE & REPLACE 3 SIDEWALK PANELS
CONSTRUCT 5'X 5' PASSING SPACE
STA. 1040+97.50
OFF. 39.57 RT.

ENT. 4

EXIST. R/W

CITY OF GLADSTONE
DEED BK. 3582 PG. 474
ALL OF LOTS 59 THRU 67

$SE^4 S^4$ 25
T51N R33W

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

PLAN SHEET
13 OF 41

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	16

COUNTY
CLAY

JOB NO.
J4S3412

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

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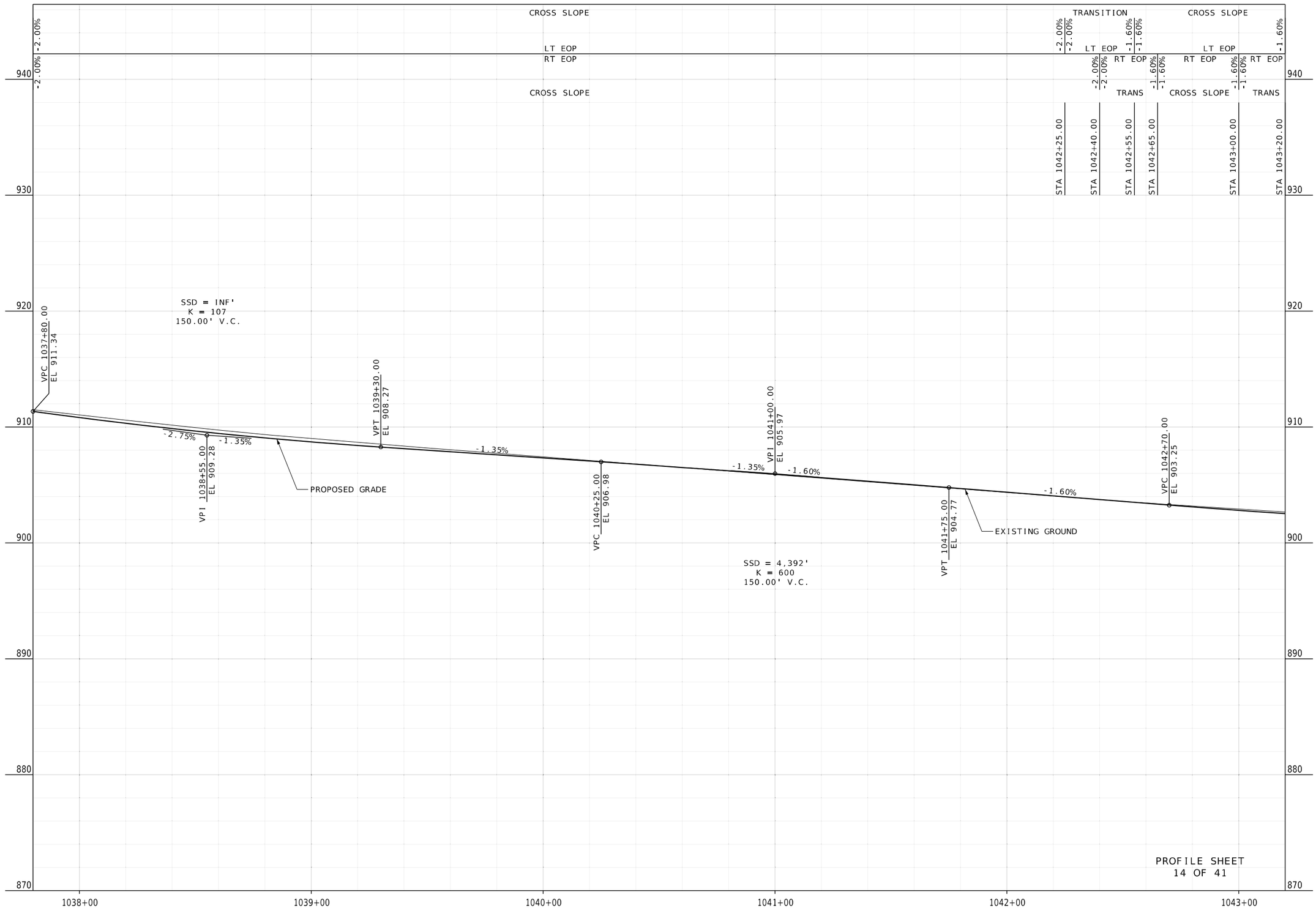

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ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	17

COUNTY
CLAY

JOB NO.
J4S3412

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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS.

SCALE
0 20 40 60

IAN ORLICH & LAUREN KOLUCH
DEED BK. 9418 PG. 41

MARY C. CALLEN TRUST
DEED BK. 9506 PG. 93

CYNTHIA A. FEDORA
DEED BK. 2764 PG. 297

DAVID JOSEPH SCHMIDT
DEED BK. 3701 PG. 406

CITY OF GLADSTONE
DEED BK. 8775 PG. 59

EXIST. ESMT.
75' MODOT DRAINAGE ESMT.
50' MODOT DRAINAGE ESMT.
50' MODOT DRAINAGE ESMT.
75' MODOT DRAINAGE ESMT.

$SW^4 S^4 19$
T51N R32W

1045

EXIST. R/W

STA. 1048+31.58 ℄ RTE. 1 =
STA. 80+00.00 ℄ NE 66TH ST.

MATCHLINE STA. 1043+20.00

MATCHLINE STA. 1048+60.00

S.L.

REPLACE STORM LID
STA. 1044+45.45

REPLACE STORM LID
STA. 1045+26.22

REPLACE STORM LID
STA. 1046+05.54

REPLACE STORM LID
STA. 1046+95.72

26'

¼ SEC. LINE

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

REPLACE STORM LID
STA. 1044+45.58

REPLACE STORM LID
STA. 1045+27.30

REPLACE STORM LID
STA. 1046+05.63

REPLACE STORM LID
STA. 1047+21.06

6' SIDEWALK

CR-7

CR-8

DND

STA 1044+87.73
OFF 31.95'

REPLACE 30 SY
SLOPE PROTECTION

S.L.

SAW CUT

EXIST. R/W

EXIST. ESMT.

70' MODOT DRAINAGE ESMT.

70' MODOT DRAINAGE ESMT.

NE 66TH ST.

$SE^4 S^4 25$
T51N R33W

QUINTON JOHNSON
& IRIS SOSA
DEED BK. 8562 PG. 122

JOSEPH A. & GINA M.
ROBERTSON
DEED BK. 8391 PG. 11

CITY OF GLADSTONE
DEED BK. 3582 PG. 474
ALL OF LOTS 59 THRU 67

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

PLAN SHEET
15 OF 41

STATE OF MISSOURI
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ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	18

COUNTY
CLAY

JOB NO.
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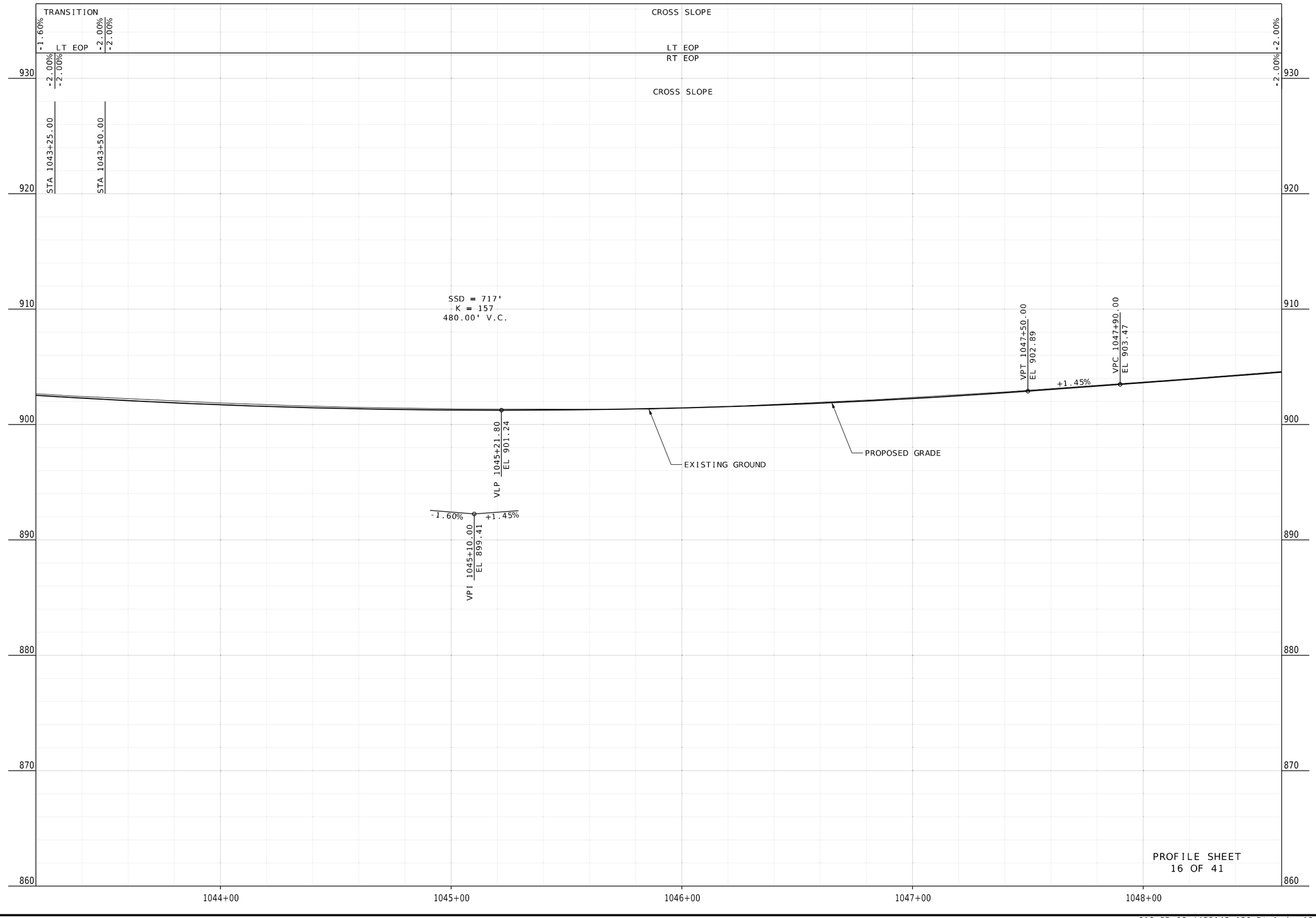

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ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	19

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS.

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

SCALE
0 20 40 60

CITY OF GLADSTONE
DEED BK. 8775 PG. 59

ANGELA LICHNER
DEED BK. 9283 PG. 13

NORTH KANSAS CITY SCHOOL
DISTRICT NO. 74
DEED BK. 8532 PG. 31

$SW^4 S^4$ 19
T51N R32W

EXIST. R/W

1050

MATCHLINE STA. 1048+60.00

MATCHLINE STA. 1054+00.00

S.L.

REPLACE STORM LID
STA. 1048+95.08

REPLACE STORM LID
STA. 1048+80.39

26'

¼ SEC. LINE

6' SIDEWALK

DND

STA 1052+17.22
OFF 35.75'

ENT. 5

SAW CUT

REPLACE STORM LID
STA. 1051+95.22

STA 1052+66.32
OFF 35.45'

SAW CUT

ENT. 6

STA 1052+70.46
OFF 33.35'

STA 1052+82.46
OFF 33.34'

STA 1053+27.53
OFF 35.79' LT.

SAW CUT

ENT. 7

S.L.

STA 1053+81.84
OFF 26.00' LT.

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

REPLACE STORM LID
STA. 1052+35.72

STA 1052+90.00
OFF 30.00' RT.

CR-9

CR-10

R 10'

R 96'

STA 1052+50.00
OFF 39.00' RT.

STA 1052+70.99
OFF 36.90' RT.

STA 1052+90.00
OFF 35.00' RT.

STA. 1051+82.35 ℄ RTE. 1 =
STA. 90+00.00 ℄ NE 65TH TERR.

SAW CUT

ALIGN PEDESTRIAN CROSSING POLE, PUSH BUTTON, AND SIGNAL HEAD WITH CROSSWALK

NE 65TH TERR.

EXIST. R/W

EXIST. R/W

JAMES L. & MARGUERITE A. WEICKERT
DEED BK. 3080 PG. 294

LEAH & CHAD BYERS
DEED BK. 8320 PG. 50

$SE^4 S^4$ 25
T51N R33W

JAMES A. & CAROL A. BRYANT
DEED BK. 8728 PG. 48

BRIAN CHARLES & KIERSTEN ABBIE SEAGO
DEED BK. 9333 PG. 61

PLAN SHEET
17 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	20

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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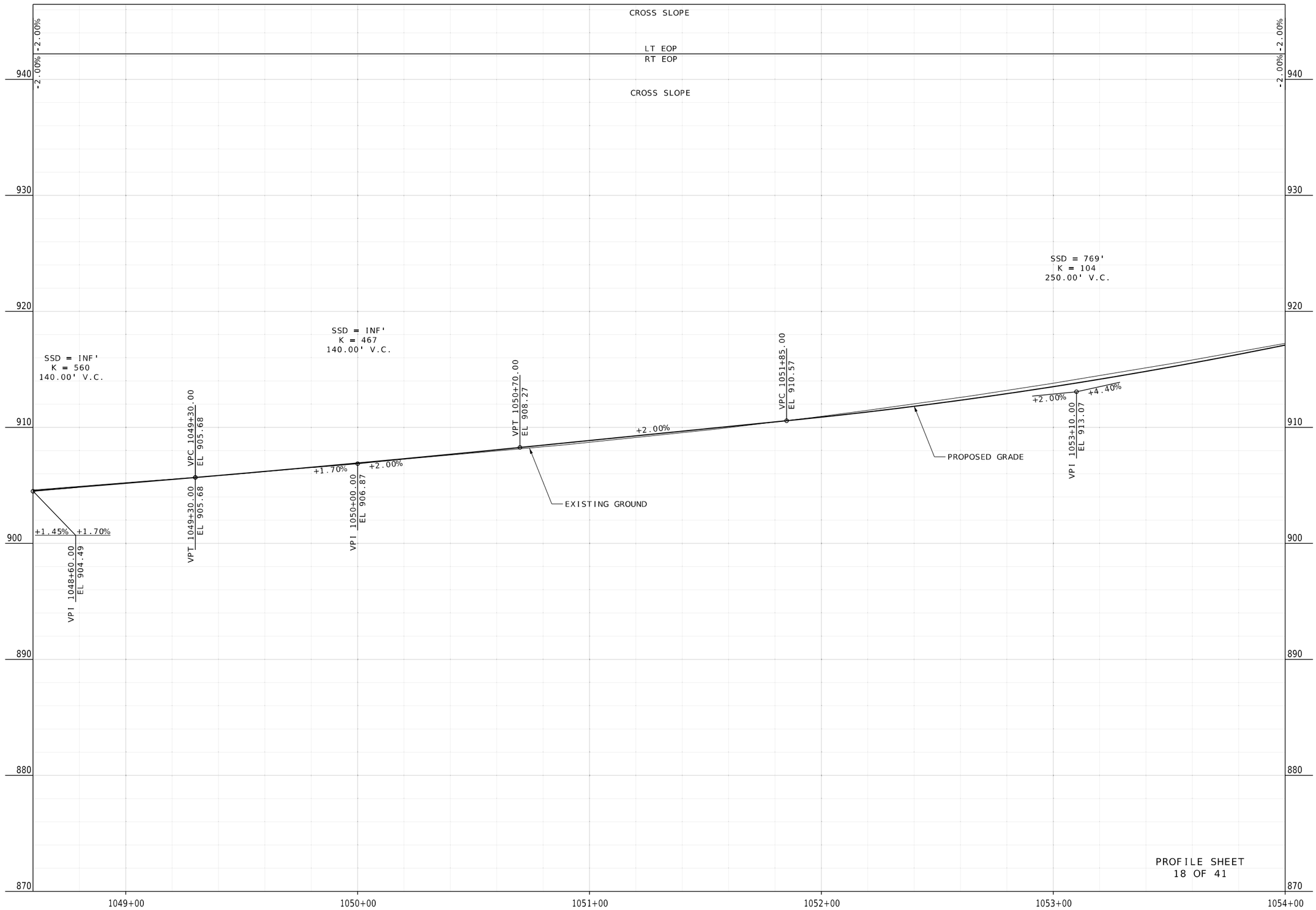

PROFILE SHEET
18 OF 41

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	21

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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WILSON &COMPANY
ENGINEERS & ARCHITECTS

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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

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

SCALE
0 20 40 60

NORTH KANSAS CITY SCHOOL
DISTRICT NO. 74
DEED BK. 8532 PG. 31

PROSPECT PLAZA GLADSTONE MO LLC
DEED BK. 9621 PG. 113

$SW^4 S^4$ 19
T51N R32W

MATCHLINE STA. 1054+00.00

MATCHLINE STA. 1059+40.00

1055

EXIST. R/W

EXIST. ESMT,

℄

STA 1054+02.32
OFF 39.69'

STA 1054+23.37
OFF 38.29'

STA 1054+42.43
OFF 37.03' LT.

STA 1054+42.60
OFF 32.03' LT.

R 106'

R 96'

S.L.

OE

6' SIDEWALK

DND

REPLACE STORM LID
STA. 1054+09.91

STA 1055+94.76
OFF 37.38' LT.

STA 1055+99.80
OFF 36.58' LT.

5' SIDEWALK

REPLACE STORM LID
STA. 1055+75.17

STA 1056+35.49
OFF 30.00' LT.

CR-11

ENT. 8

SAW CUT

CR-12

EXIST. R/W

S.L.

5' SIDEWALK

STA 1058+94.78
OFF 40.50' LT.

REPLACE STORM LID
STA. 1058+50.73

ADJUST UTILITY
STA. 1059+37.19
STA 1059+22.11
OFF 5.25' LT.

R 2'

STA 1059+22.11
OFF 1.25' LT.

℄ RTE. 1 (N. PROSPECT AVE.)

¼ SEC. LINE

26'

RTE. 1 (N. PROSPECT AVE.)

STA 1054+45.13
OFF 26.00' RT.

STA 1055+16.20
OFF 40.25' RT.

REPLACE STORM LID
STA. 1056+13.89

STA 1056+35.43
OFF 45.00' RT.

STA 1057+41.02
OFF 50.35' RT.

STA 1057+49.02
OFF 50.29' RT.

REPLACE STORM LID
STA. 1059+17.28

ENT. 9

SAW CUT

S.L.

EXIST. R/W

EXIST. ESMT,

EXIST. ESMT,

EXIST. ESMT,

EXIST. ESMT,

EXIST. R/W

EXIST. R/W

BRIAN CHARLES &
KIERSTEN ABBIE SEAGO
DEED BK. 9333 PG. 61

JIMMY NHUT LE
DEED BK. 5727 PG. 28

$SE^4 S^4$ 25
T51N R33W

THE REAL MCCOYS VI, LLC
DEED BK. 8178 PG. 153

BANKLIBERTY
DEED BK. 5620 PG. 96

PLAN SHEET
19 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	22

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
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BRIDGE NO.
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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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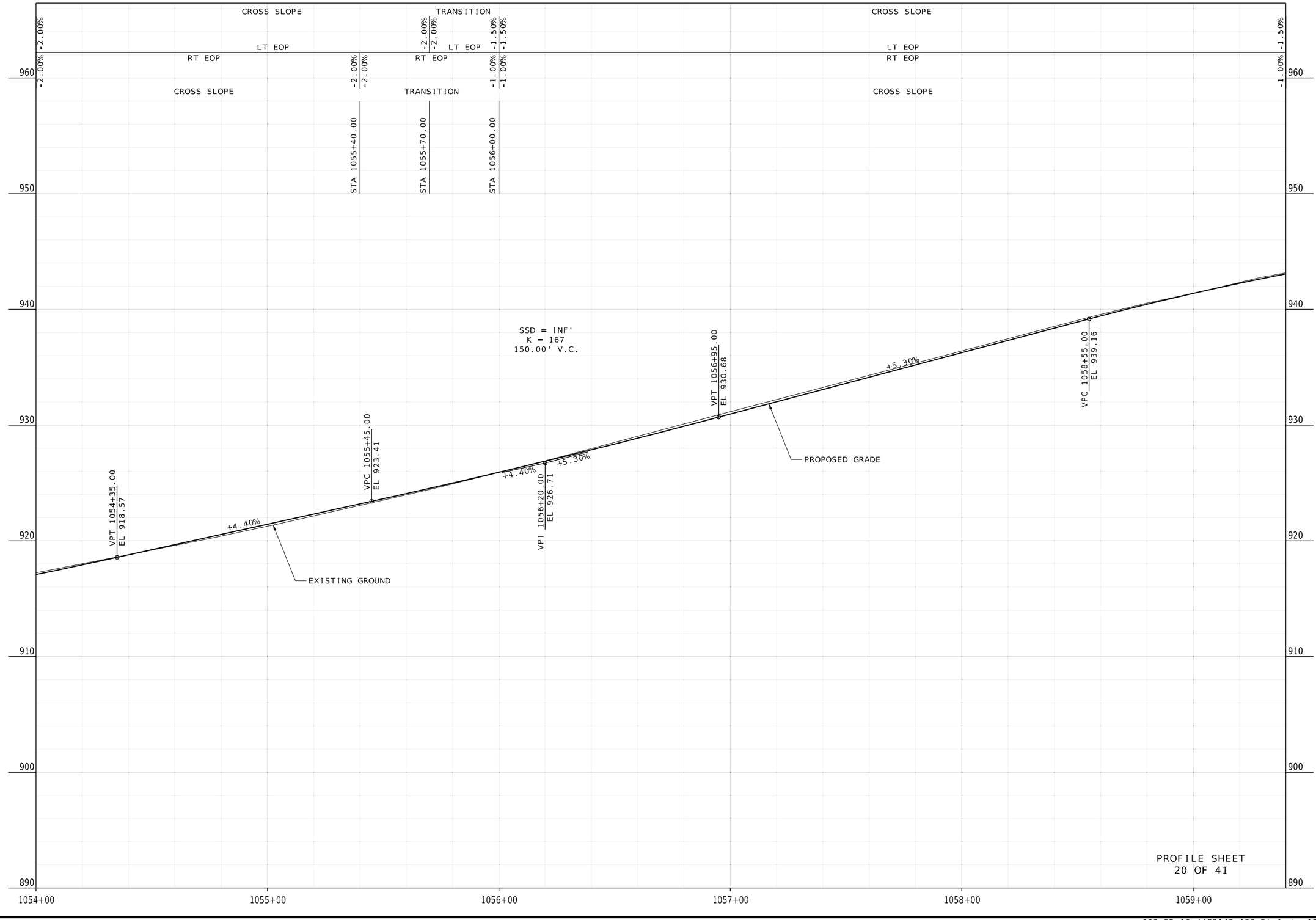
WILSON &COMPANY
ENGINEERS & ARCHITECTS



PROFILE SHEET
20 OF 41

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	23

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

FOR MEDIAN AND PEDESTRIAN
ISLAND DETAILS, SEE
64TH ST PLAN SHEET # 39

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

SCALE
0 20 40 60

SW^4S^4 19
T51N R32W

PROSPECT PLAZA GLADSTONE MO LLC
DEED BK. 9621 PG. 113

WCI TRACT 22, 23 & 24
COMMERCE BANK
DEED BK. 8550 PG. 38

CJW INVESTMENTS, INC.
DEED BK. 3065 PG. 890

NW^4S^4 30
T51N R32W

MATCHLINE STA. 1059+40.00

MATCHLINE STA. 1064+80.00

1060

EXIST. R/W

S.L.

5' SIDEWALK

6' SIDEWALK

STA 1060+89.55
OFF 39.50'

STA 1059+57.28
OFF 31.50' LT.

STA 1063+29.90
OFF 38.00' LT.

DND

CR-13

CR-14

SAW CUT

ENT. 10

ADJUST UTILITY
STA. 1061+78.37

STA. 1061+72.27 ℄ RTE. 1 =
STA. 100+00.00 ℄ NE 64TH ST.

NE 64TH ST.

¼ SEC. LINE

N89°04'20"W

RTE. 1 (N. PROSPECT AVE.)

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

ADJUST UTILITY
STA. 1062+28.34

ADJUST UTILITY
STA. 1061+30.57

ADJUST UTILITY
STA. 1062+23.06

REPLACE STORM LID
STA. 1063+10.10

REPLACE STORM LID
STA. 1064+26.34

ADJUST UTILITY
STA. 1062+59.75

ADJUST STORM MH
STA. 1063+99.80

REPLACE STORM LID
STA. 1060+70.12

CR-16

CR-17

CR-18

CR-15

STA 1060+50.00
OFF 56.00' RT.

STA 1060+40.00
OFF 57.73' RT.

ADJUST UTILITY
STA. 1061+07.74

REPLACE STORM LID
STA. 1061+47.19

REMOVE STORM LID
STA. 1062+02.32

26.25'

46.25'

36.5'

25.5'

SE^4S^4 25
T51N R33W

BANK LIBERTY
DEED BK. 5620 PG. 96

WCI TRACT 21
YOUTH MOVEMENT, INC.
DEED BK. 6422 PG. 90

NW^4S^4 25
T51N R33W

PLAN SHEET
21 OF 41

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	24

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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WILSON &COMPANY
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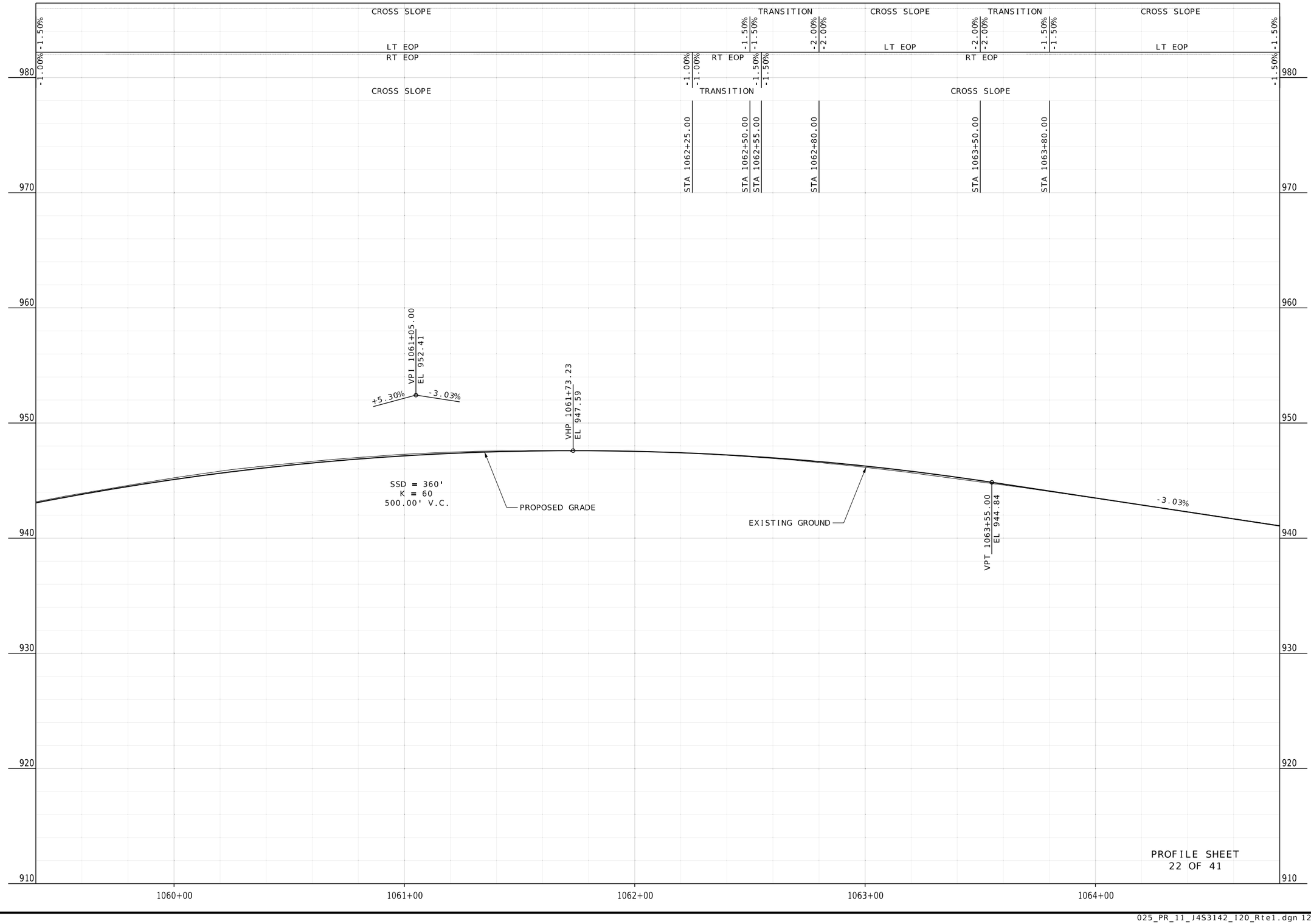

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	25

COUNTY
CLAY

JOB NO.
J4S3412

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
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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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB AND GUTTER IS INTENDED
TO MATCH EXISTING OFFSETS AND ELEVATIONS.
CURB STATIONS AND OFFSETS ARE APPROXIMATE.

FOR MEDIAN DETAILS, SEE
64TH ST PLAN SHEET # 39

SCALE
0 20 40 60

1065

1070

MATCHLINE STA. 1064+80.00

MATCHLINE STA. 1070+00.00

EXIST. R/W

OLD ANTIOCH RD.

CJW INVESTMENTS, INC.
DEED BK. 3065 PG. 890

QUARTER KING, LLC
DEED BK. 8089 PG. 101

NW^4 S^4 30
T51N R32W

McDONALDS USA, LLC
DEED BK. 8237 PG. 8

6" IP SPIRE

ENT. 13

ENT. 14

ENT. 15

ENT. 12

ENT. 11

S.L.

5' SIDEWALK

6' SIDEWALK

SAW CUT

STA 1064+85.30
OFF 4.50' RT.

STA 1064+85.32
OFF 8.50' RT.

1065+11.00

R 2'

¼ SEC. LINE

ADJUST STORM LID
STA. 1065+44.38

ADJUST STORM LID
STA. 1065+22.59

ADJUST STORM LID
STA. 1065+84.42

ADJUST STORM LID
STA. 1066+13.08

ADJUST STORM LID
STA. 1066+29.01

ADJUST STORM LID
STA. 1066+56.82

STA 1066+33.75
OFF 32.00' LT.

STA 1066+59.94
OFF 34.00' RT.

ADJUST STORM LID
STA. 1067+00.32

STA 1067+60.17
OFF 36.06' RT.

STA 1067+92.31
OFF 38.53' LT.

STA 1068+41.75
OFF 25.15' LT.

STA 1068+88.83
OFF 31.00' RT.

ADJUST UTILITY
STA. 1065+41.05

ADJUST UTILITY MH
STA. 1068+13.30

ADJUST UTILITY
STA. 1068+12.25

ADJUST UTILITY
STA. 1068+40.46

STA 1068+84.94
OFF 25.00' RT.

ADJUST UTILITY
STA. 1068+85.60

ADJUST UTILITY
STA. 1068+94.51

ADJUST STORM LID
STA. 1068+71.29

STA. 1065+11
END FULL DEPTH
REPLACEMENT
BEGIN MILL & OVERLAY

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

EXIST. R/W
STA. 1068+23.92 ℄ RTE. 1 =
STA. 111+00.00 ℄ N. WABASH AVE.

N WABASH AVE.

EXIST. R/W

EXIST. R/W

WCI TRACT 25
JUSTIN A. MOORE
DEED BK. 8834 PG. 78

WCI TRACT 26
MOHLER PROPERTIES I, LLC
DEED BK. 6004 PG. 157

S & W FREEDOM, LLC
DEED BK. 8843 PG. 44

DAVID P. HARROLD
DEED BK. 9725 PG. 125

KELLY ROBINSON &
CALEB PEREZ
DEED BK. 9089 PG. 181

WILLIAM COLES
DEED BK. 5742 PG. 65

NW^4 S^4 25
T51N R33W

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

PLAN SHEET
23 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	26

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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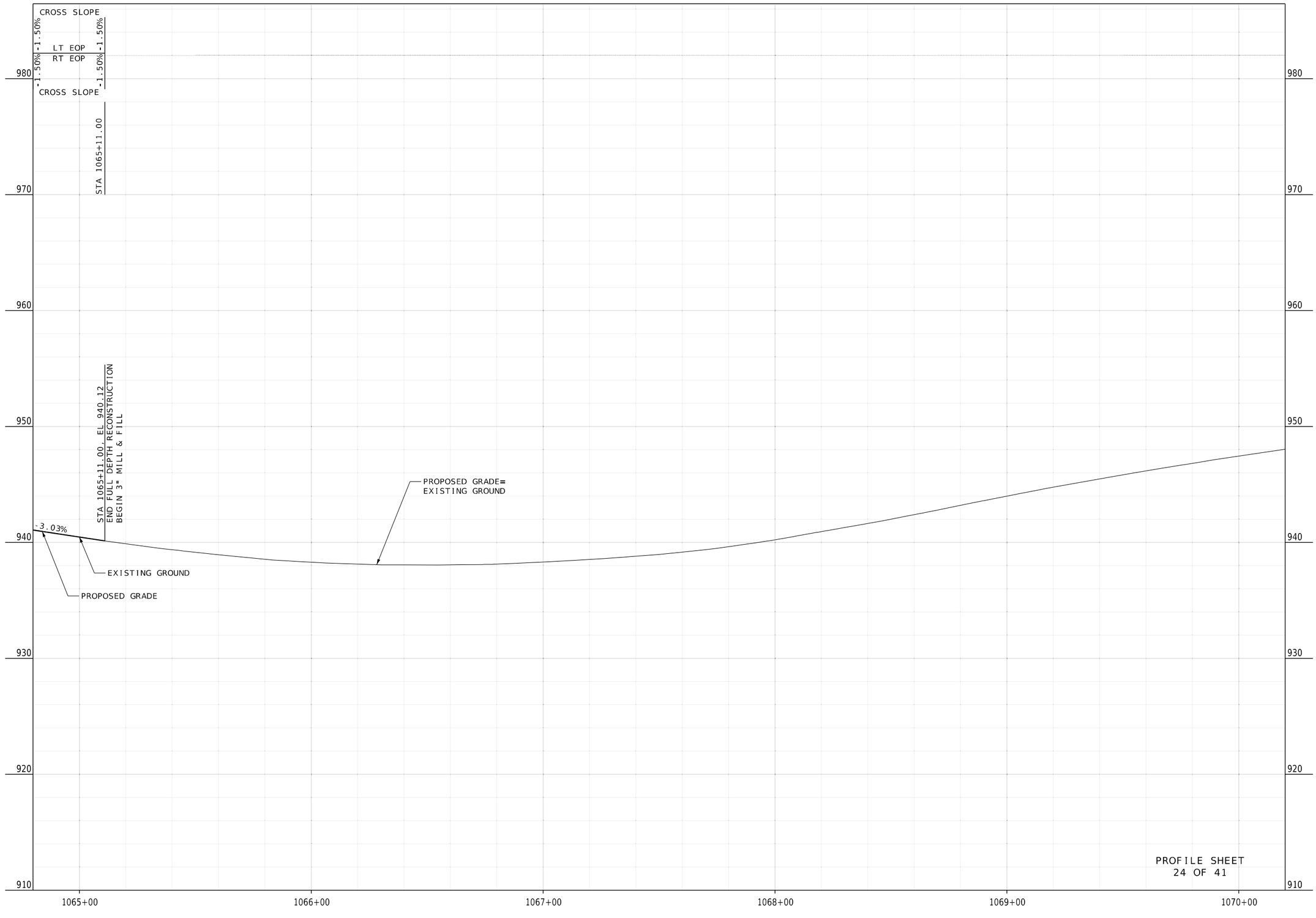

PROFILE SHEET
24 OF 41

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	27

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

SCALE
0 20 40 60

1070

MATCHLINE STA. 1070+00.00

1075

MATCHLINE STA. 1075+40.00

1080

MATCHLINE STA. 1075+40.00

MATCHLINE STA. 1080+80.00

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

NW^4 S^4 30
T51N R32W

6303 NE ANTIOCH, LLC
DEED BK. 9249 PG. 73

McDONALDS USA, LLC
DEED BK. 8237 PG. 8

RAY BROCK CO.
DEED BK. 1414 PG. 9

N. CHESTNUT AVE.

5' SIDEWALK
ENT. 16
ENT 19
DND
EXIST. R/W
S.L.
CR-19
CR-20
6' SIDEWALK
STA 1075+22.65
OFF 35.68'
STA 1075+10.65
OFF 35.68'

STA. 1072+96.43 ℄ RTE. 1 =
STA. 120+00.00 ℄ N. CHESTNUT AVE.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

ADJUST UTILITY
STA. 1070+46.15
ADJUST UTILITY
STA. 1070+50.72
¼ SEC. LINE
STA 1072+20.50
OFF 31.00' RT.
STA 1072+00.42
OFF 28.00' RT.
ADJUST UTILITY
STA. 1072+91.26
CR-21
STA 1074+12.51
OFF 31.85' RT.
STA 1074+00.51
OFF 31.85' RT.
6' SIDEWALK
5' SIDEWALK
S.L.
ENT 17
ENT 18
STA 1072+06.74
OFF 34.00' RT.
STA 1072+20.13
OFF 36.00' RT.
ADJUST UTILITY
STA. 1072+65.49
ADJUST UTILITY
STA. 1072+69.21

JANNA CLARK
DEED BK. 7340 PG. 14

Z-HOLDING ESTATE LLC
DEED BK. 9443 PG. 161

NW^4 S^4 25
T51N R33W

DUNG THANH PHAN
& MANH LE LE
DEED BK. 5831 PG. 94

NE 63RD PL.

STA. 1072+97.62 ℄ RTE. 1 =
STA. 130+00.00 ℄ NE 63RD PL.

AXIOM-LONDON, LLC 76.74% &
MELVIN/ERLER FAMILY LLC 23.26%
DEED BK. 9262 PG. 116

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

NOTE:
FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB AND GUTTER IS INTENDED
TO MATCH EXISTING OFFSETS AND ELEVATIONS.
CURB STATIONS AND OFFSETS ARE APPROXIMATE.

STA. 1077+56.10 ℄ RTE. 1 =
STA. 150+00.00 ℄ NE BROOKTREE LN.

NE BROOKTREE LN.

EXIST. R/W
EXIST. ESMT.

RAY BROCK CO.
DEED BK. 1414 PG. 9

BUJOLO, INC.
DEED BK. 8962 PG. 28

CR-22
CR-23
CR-24
6' SIDEWALK
5' SIDEWALK
ADJUST STORM LID
STA. 1077+09.40
ADJUST STORM LID
STA. 1078+19.85
ADJUST STORM LID
STA. 1078+75.19
ADJUST STORM LID
STA. 1079+83.20
ADJUST STORM LID
STA. 1078+04.26
ADJUST STORM LID
STA. 1078+75.30
ADJUST STORM LID
STA. 1079+43.35
ADJUST STORM LID
STA. 1080+10.31
ADJUST STORM LID
STA. 1076+92.86
ADJUST UTILITY
STA. 1077+25.14
¼ SEC. LINE
ENT 20
ENT 21
ENT 22
ENT 23
STA 1078+01.77
OFF 35.30'
ADJUST STORM MH
STA. 1079+53.15

RUSTOM K & VERA FERZANDI 50%
&
CYRUS D. CONTRACTOR TRUST 50%
DEED BK. 1636 PG. 340
DEED BK. 6029 PG. 18
PART OF LOT 6

6100 COMMERCIAL
PROPERTY INC.
DEED BK. 7066 PG. 32
PART OF LOT 6

NW^4 S^4 25
T51N R33W

AXIOM-LONDON, LLC 76.74% &
MELVIN/ERLER FAMILY LLC 23.26%
DEED BK. 9262 PG. 116

STA. 1077+45.00 ℄ RTE. 1 =
STA. 140+00.00 ℄ NE 61ST TERR.

NE 61ST TERR

PLAN SHEET
25 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	28

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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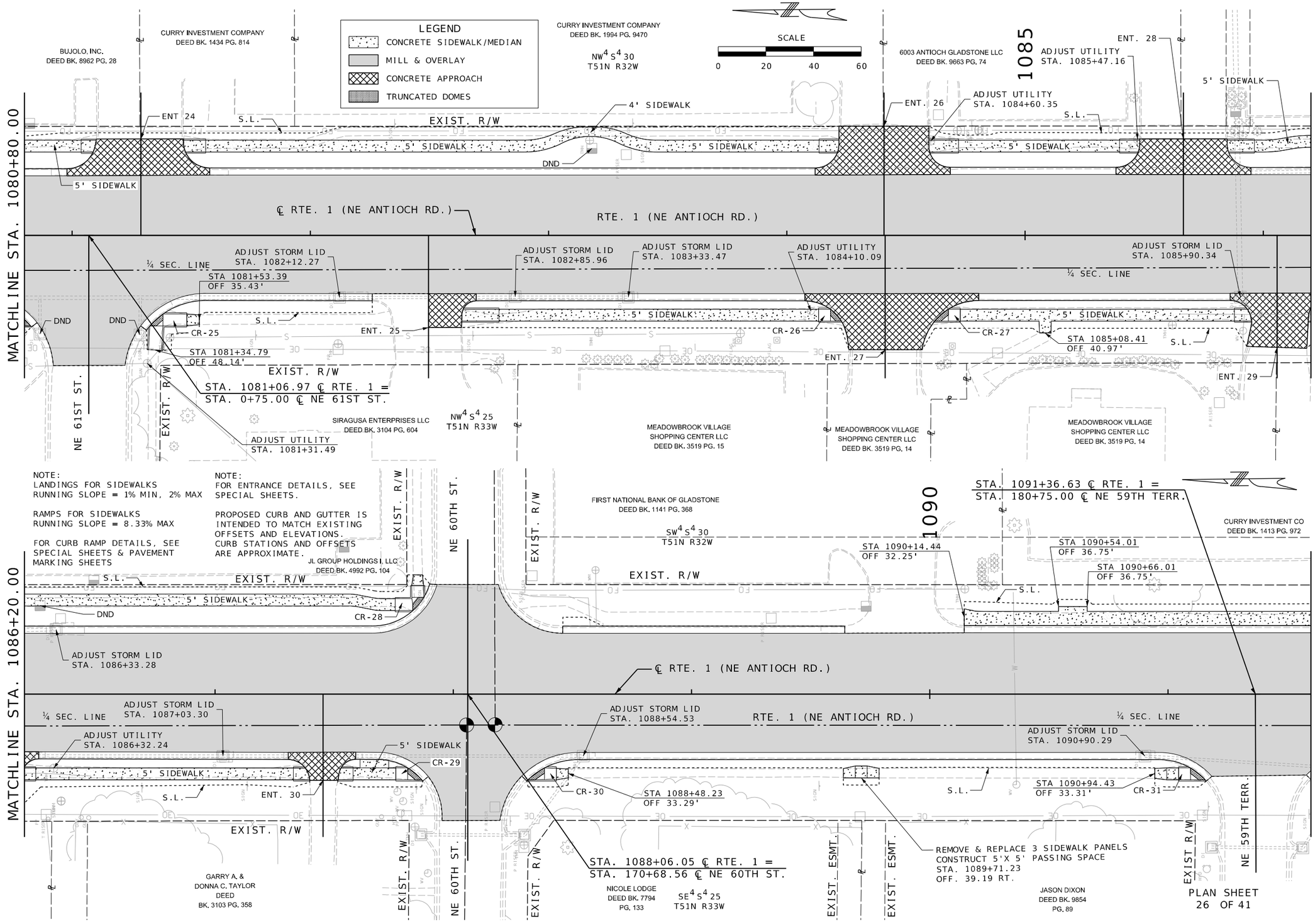

PLAN SHEET
26 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	29

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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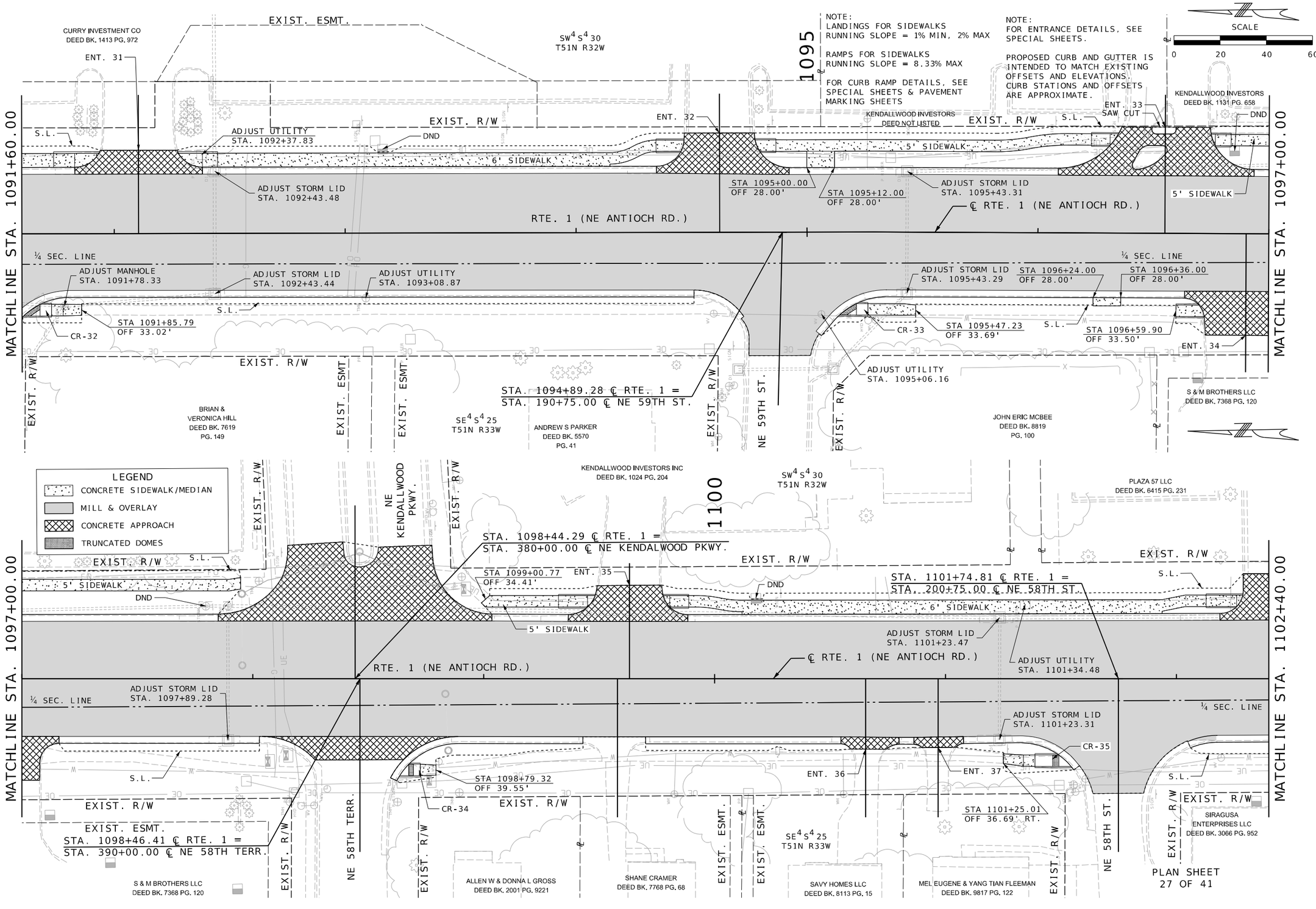

PLAN SHEET
27 OF 41

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

DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	30
COUNTY	
CLAY	
JOB NO.	
J4S3412	
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
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

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

SCALE
0 20 40 60

PLAZA 57 LLC
DEED BK. 6415 PG. 231

BOLD HOLDINGS LLC
DEED BK. 9036 PG. 21

SW¼ S4 30
T51N R32W

MATCHLINE STA. 1102+40.00

MATCHLINE STA. 1107+80.00

EXIST. R/W

EXIST. ESMT.

NE 57TH TERR.

1105

STA 1104+43.67
OFF 59.39'

ADJUST SANITARY MH
STA. 1104+67.01

STA. 1104+67.60 ℄ RTE. 1 =
STA. 210+00.00 ℄ NE 57TH TERR.

ENT. 38

S.L.

DND

ADJUST UTILITY
STA. 1104+26.61

6' SIDEWALK

CR-36

CR-37

ADJUST STORM LID
STA. 1104+22.49

ADJUST STORM LID
STA. 1106+07.63

ADJUST STORM LID
STA. 1107+45.43

ADJUST UTILITY
STA. 1107+01.34

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

ADJUST STORM LID
STA. 1104+54.96

ENT. 39

ENT. 40

ENT. 41

ENT. 42

STA. 1105+07.78 ℄ RTE. 1 =
STA. 220+00.00 ℄ NE 57TH TERR.

SE¼ S4 25
T51N R33W

SIRAGUSA ENTERPRISES LLC
DEED BK. 3066 PG. 952

BYERS ENTERPRISES LC
DEED BK. 7847 PG. 104

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

FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS

NOTE:
PROPOSED CURB AND GUTTER IS
INTENDED TO MATCH EXISTING
OFFSETS AND ELEVATIONS.
CURB STATIONS AND OFFSETS
ARE APPROXIMATE.

WB EQUITIES III LLC
DEED BK. 6634 PG. 189

LEGANDCO LLC
DEED BK. 9425 PG. 186

1110

ADJUST UTILITY
STA. 1109+94.44

5' SIDEWALK

ADJUST STORM MH
STA. 1110+71.04

4' SIDEWALK

ENT. 45

ENT. 47

CR-38

CR-39

SW¼ S4 30
T51N R32W

GLADSTONE HOLDINGS INC
DEED BK. 9499 PG. 101

ADJUST STORM MH
STA. 1108+99.89

STA 1109+06.88
OFF 38.75'

ADJUST STORM LID
STA. 1110+17.66

ADJUST STORM LID
STA. 1110+84.32

STA 1111+50.02
OFF 24.81' LT.

ADJUST STORM LID
STA. 1111+59.50

ADJUST UTILITY
STA. 1112+81.55

ADJUST UTILITY
STA. 1111+38.74

ADJUST STORM LID
STA. 1110+71.24

STA 1111+43.69
OFF 25.23' RT.

ADJUST STORM LID
STA. 1109+00.67

ADJUST STORM LID
STA. 1111+47.63

ADJUST UTILITY
STA. 1112+14.02

ENT. 44

ENT. 46

ENT. 48

ENT. 43

STA. 1111+15.47 ℄ RTE. 1 =
STA. 230+00.00 ℄ NE 56TH TERR.

ADJUST UTILITY
STA. 1111+17.17

ADJUST UTILITY
STA. 1111+41.38

BYERS ENTERPRISES LC
DEED BK. 7847 PG. 103

KENDALLWOOD INVESTORS INC
DEED BK. 7265 PG. 60

LARRY YEATMAN
DEED BK. D PG. 216

JAYHAWKER PROPERTIES
DEED BK. 8528 PG. 147

PLAN SHEET
28 OF 41

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

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	31
COUNTY	
CLAY	
JOB NO.	
J4S3412	
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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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

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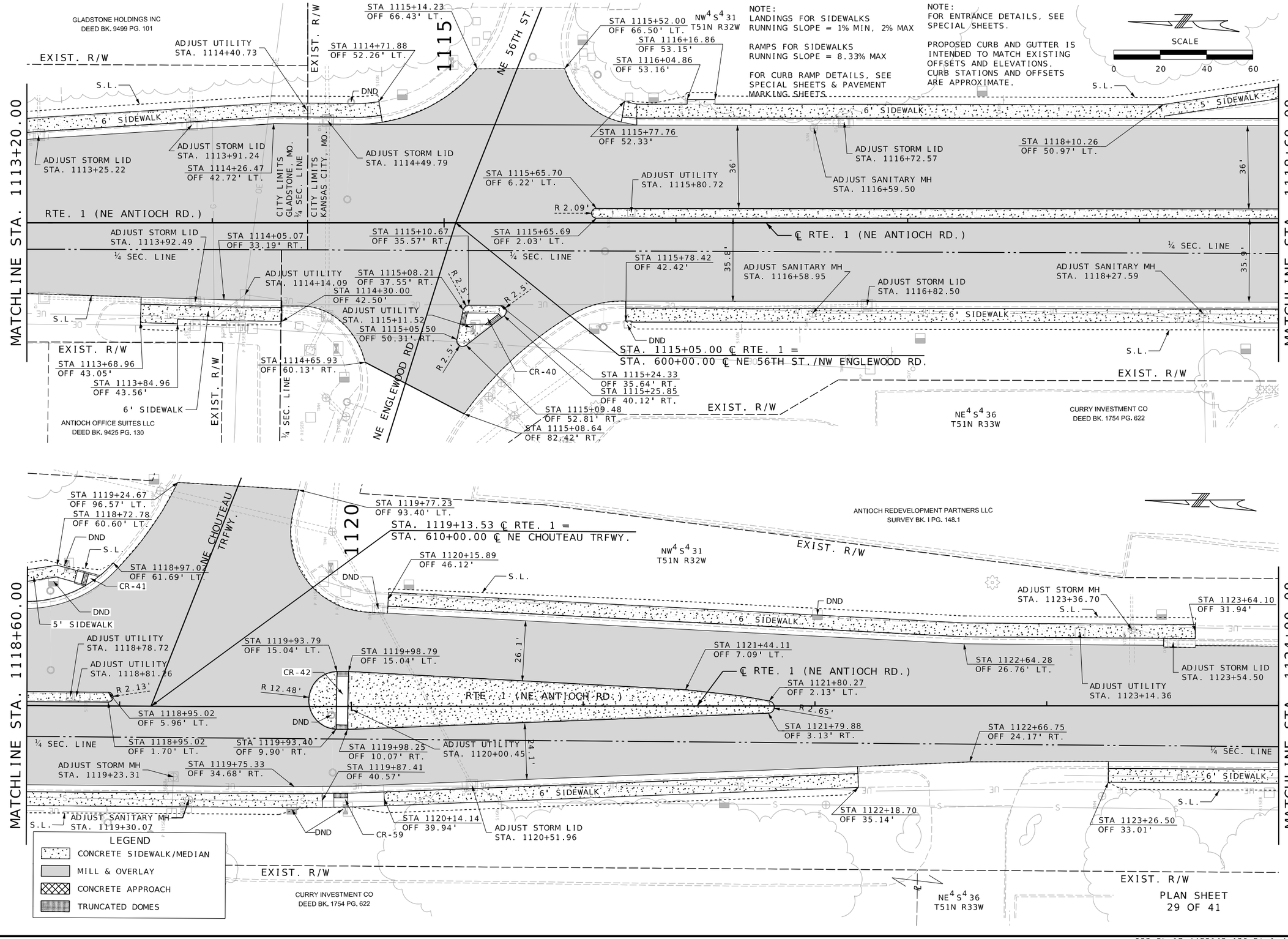

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	32

COUNTY: CLAY
JOB NO.: J4S3412
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

PLAN SHEET 29 OF 41

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

NOTE:
FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB IS INTENDED TO MATCH EXISTING
OFFSET AND ELEVATIONS. CURB STATIONS
AND OFFSETS ARE APPROXIMATE.

SCALE
0 20 40 60

ANTIOCH REDEVELOPMENT PARTNERS LLC
SURVEY BK. I PG. 148.1

1125

ANTIOCH REAL ESTATE HOLDINGS LLC
DEED BK. 9293 PG. 57

ANTIOCH REDEVELOPMENT PARTNERS LLC
DEED BK. 6483 PG. 49

NW^4 S^4 31
T51N R32W

MATCHLINE STA. 1124+00.00

STA 1124+36.58
OFF 31.35'

6' SIDEWALK

S.L.

STA 1124+71.66
OFF 31.06'

STA 1124+55.40
OFF 24.66'

STA 1124+63.63
OFF 24.69'

ADJUST STORM LID
STA. 1124+59.51

STA 1125+89.00
OFF 34.00'

ADJUST STORM LID
STA. 1126+82.12

ADJUST UTILITY
STA. 1127+55.95

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

STA 1128+10.79
OFF 34.00'

DND

STA 1124+85.91
OFF 30.98'

MATCHLINE STA. 1129+40.00

NOTE:
COORDINATE SIDEWALK, CURB & GUTTER,
AND ENTRANCE ACCESSES WITH KANSAS
CITY ANTIOCH SITE IMPROVEMENT PLAN.

EXIST. R/W

CURRY INVESTMENT CO
DEED BK. 1754 PG. 622

NE^4 S^4 36
T51N R33W

FSD NORTH ANTIOCH LLC
DEED BK. 9784 PG. 136

CURRY INVESTMENT CO
DEED BK. 2837 PG. 528

1130

ANTIOCH REDEVELOPMENT PARTNERS LLC
DEED BK. 6483 PG. 49

NW^4 S^4 31
T51N R32W

EXIST. ESMT.

NE 53RD ST.

MATCHLINE STA. 1129+40.00

ADJUST UTILITY
STA. 1130+09.63

ADJUST STORM LID
STA. 1131+52.32

STA 1132+19.11
OFF 34.00'

STA 1133+68.16
OFF 38.00' LT.

STA 1133+68.16
OFF 25.00'

STA 1133+71.05
OFF 34.00'

ADJUST UTILITY
STA. 1129+98.74

ADJUST STORM LID
STA. 1131+31.99

ADJUST STORM LID
STA. 1132+34.18

ADJUST STORM LID
STA. 1133+82.13

ADJUST STORM MH
STA. 1133+82.17

STA 1132+69.66
OFF 34.00'

DND

DND

ADJUST STORM MH
STA. 1133+18.74

STA. 1133+18.15 ℄ RTE. 1 =
STA. 235+00.00 ℄ NE 53RD ST.

CURRY INVESTMENT CO
DEED BK. 1804 PG. 468

CURRY INVESTMENT CO
DEED BK. 2103 PG. 109

BAF ASSETS 6 LLC
DEED BK. 9529 PG. 222

MATCHLINE STA. 1134+80.00

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

PLAN SHEET
30 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	33

COUNTY
CLAY

JOB NO.
J4S3412

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

1135

MATCHLINE STA. 1134+80.00

STA. 1135+98.02 ℄ RTE. 1 =
STA. 240+75.00 ℄ NE 52ND TERR.

SCALE
0 20 40 60

ANTIOCH REDEVELOPMENT PARTNERS LLC
DEED BK. 6483 PG. 49

EXIST. R/W

DND

S.L.

STA 1135+46.41
OFF 46.87'

STA 1135+61.42
OFF 46.78'

STA 1135+65.08
OFF 38.00' LT.

STA 1136+98.77
OFF 35.18'

ADJUST UTILITY
STA. 1137+01.56

STA 1137+15.02
OFF 24.77' LT.

6' SIDEWALK

STA 1138+24.39
OFF 33.71'

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

ADJUST SANITARY MH
STA. 1135+97.83

¼ SEC. LINE

STA 1135+39.63
OFF 34.28'

6' SIDEWALK

S.L.

EXIST. R/W

ADJUST STORM LID
STA. 1136+49.05

CR-43

ADJUST STORM LID
STA. 1137+57.05

6' SIDEWALK

ADJUST UTILITY
STA. 1138+48.08

CR-44

NW4 S4 31
T51N R32W

DTP OCONEE PROPERTIES LLC
DEED BK. 8292 PG. 91

STA. 1138+98.45 ℄ RTE. 1 =
STA. 250+70.00 ℄ NE 52ND ST.

1140

MATCHLINE STA. 1140+20.00

STA 1139+53.58
OFF 27.66'

S.L.

ADJUST SANITARY MH
STA. 1138+98.03

¼ SEC. LINE

ADJUST UTILITY
STA. 1139+05.55

S.L.

STA 1139+44.48
OFF 31.29'

EXIST. R/W

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

NOTE:
FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB AND GUTTER IS
INTENDED TO MATCH EXISTING
OFFSETS AND ELEVATIONS.
CURB STATIONS AND OFFSETS
ARE APPROXIMATE.

NE4 S4 36
T51N R33W

DEVIN P MESSER
DEED BK. 8338 PG. 99

CUONG Q &
KIMBERLY L LUONG
DEED BK. 9835 PG. 81

BLUEBIRD NORTH LLC
DEED BK. 8008 PG. 151

IGNACIO VELASQUEZ
DEED BK. 6889 PG. 9

EXIST. R/W

EXIST. ESMT.

NE 52ND TERR.

NE 52ND ST.

KANSAS CITY AREA TRANS AUTHORITY
DEED BK. 3058 PG. 910

ANTIOCH GREEN REDEVELOPMENT CORP
DEED BK. 3058 PG. 910

SW4 S4 31
T51N R32W

WESTCO LUBE INC
DEED BK. 7951 PG. 122

1145

MATCHLINE STA. 1140+20.00

STA 1141+52.53
OFF 49.49'

ENT. 52

STA 1142+74.16
OFF 49.24'

STA 1143+00.55
OFF 49.31'

CR-45

STA 1142+13.30
OFF 49.00'

CR-46

S.L.

ADJUST STORM LID
STA. 1140+41.79

STA 1142+22.56
OFF 24.55' LT.

ADJUST STORM LID
STA. 1142+72.09

ADJUST STORM LID
STA. 1143+59.44

ADJUST SANITARY MH
STA. 1143+49.79

ADJUST STORM LID
STA. 1145+02.17

STA 1145+59.06
OFF 34.83' LT.

STA 1145+21.92
OFF 6.23' LT.

R 2'

STA 1145+21.92
OFF 2.23' LT.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

¼¼ SEC. LINE

¼ SEC. LINE

ADJUST SANITARY MH
STA. 1141+24.84

ADJUST STORM LID
STA. 1142+20.29

ADJUST UTILITY
STA. 1144+34.55

ADJUST STORM LID
STA. 1140+36.06

ADJUST STORM LID
STA. 1141+31.96

STA 1142+29.16
OFF 25.61' RT.

ADJUST SANITARY MH
STA. 1143+01.77

ADJUST STORM LID
STA. 1143+82.28

STA 1144+44.86
OFF 34.02' RT.

S.L.

EXIST. R/W

ENT. 49

ADJUST UTILITY
STA. 1140+39.94

ENT. 50

ENT. 51

ADJUST STORM MH
STA. 1141+93.70

SE4 S4 36
T51N R33W

S.L.

EXIST. R/W

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

6' SIDEWALK

BFS RETAIL & COMMERCIAL
OPERATIONS LLC
DEED BK. 3626 PG. 855

AHBA INVESTMENTS IV LLC
DEED BK. 9489 PG. 117

ANTIOCH PROPERTIES LLC
DEED BK. 6093 PG. 136

EXIST. ESMT.

NE 51ST TERR.

EXIST. R/W

PLAN SHEET
31 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	34

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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)

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

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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

FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS

NOTE:
PROPOSED CURB AND GUTTER IS INTENDED TO MATCH EXISTING OFFSETS AND ELEVATIONS. CURB STATIONS AND OFFSETS ARE APPROXIMATE.

SCALE
0 20 40 60

1150

MATCHLINE STA. 1145+60.00

NE VIVION RD.

EXIST. R/W

SW¼ S4 31
T51N R32W
7373 CORP
DEED BK. 6355 PG. 43

S.L.

STA 1147+60.47
OFF 36.15' LT.

STA 1146+59.04
OFF 6.23' LT.

STA 1146+58.98
OFF 2.13'

28.55'

36.23'

R 2'

RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

DND

STA 1148+90.00
OFF 35.24' LT.

STA 1148+22.64
OFF 3.63'

STA 1148+22.61
OFF 7.63' RT.

35.92'

28.52'

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

ADJUST STORM MH
STA. 1147+75.82

STA 1149+84.05
OFF 36.54' RT.

STA 1149+20.96
OFF 36.21' RT.

36.02'

25.85'

STA 1150+72.44
OFF 7.76' RT.

STA 1150+72.44
OFF 3.76' RT.

ADJUST SANITARY MH
STA. 1150+77.16

STA 1150+79.00
OFF 36.78'

S.L.

EXIST. R/W

MATCHLINE STA. 1151+00.00

MATCHLINE STA. 1145+60.00

ANTIOCH PROPERTIES LLC
DEED BK. 7242 PG. 19

EXIST. R/W

NE VIVION RD.

PLANET PARTNERS LLC
SURVEY BK. H PG. 162.3

SE¼ S4 36
T51N R33W

7373 CORP
DEED BK. 6355 PG. 43

5005 ANTIOCH LLC
DEED BK. 7837 PG. 58

SW¼ S4 31
T51N R32W

EXIST. R/W

1155

NE 50TH ST.

EXIST. R/W

BOBBY D WETTENGEL ETAL
SURVEY BK. H PG. 29

STA. 1155+05.01 ℄ RTE. 1 =
STA. 270+00.00 ℄ NE 50TH ST.

EXIST. R/W

STA 1155+45.45
OFF 35.53'

S.L.

DND

6' SIDEWALK

5' SIDEWALK

R 25'

R 35'

STA 1155+88.79
OFF 30.00' LT.

STA 1155+95.13
OFF 29.18' LT.

ADJUST STORM LID
STA. 1155+45.69

STA 1151+54.21
OFF 32.20' LT.

ADJUST STORM LID
STA. 1151+71.91

ENT. 53

CR-47

ENT. 54

STA 1152+65.23
OFF 46.62'

STA 1153+79.55
OFF 24.18' LT.

ADJUST STORM LID
STA. 1154+70.34

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

ADJUST SANITARY MH
STA. 1154+74.78

ADJUST STORM LID
STA. 1155+06.91

STA 1156+05.00
OFF 28.00' LT.

STA 1156+23.00
OFF 27.05' LT.

STA 1156+34.71
OFF 29.72' LT.

S.L.

EXIST. R/W

ENT. 55

MATCHLINE STA. 1151+00.00

MATCHLINE STA. 1156+40.00

STA 1151+31.05
OFF 46.72' RT.

STA 1152+20.90
OFF 45.74' RT.

STA 1152+35.01
OFF 43.98' RT.

STA 1152+81.35
OFF 28.76' RT.

ADJUST SANITARY MH
STA. 1153+14.42

ADJUST STORM LID
STA. 1153+24.38

STA 1153+62.26
OFF 25.51' RT.

ADJUST STORM LID
STA. 1154+32.45

R 19.59'

STA 1152+81.45
OFF 31.27' RT.

STA 1152+64.61
OFF 41.74' RT.

EXIST. R/W

S.L.

DND

STA 1152+34.86
OFF 49.63' RT.

STA 1152+62.12
OFF 47.14' RT.

STA 1152+62.34
OFF 48.95' RT.

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

STA. 1154+69.68 ℄ RTE. 1 =
STA. 260+75.00 ℄ NE 50TH ST.

EXIST. R/W

NE PENCE AVE.

EXIST. R/W

PLANET PARTNERS LLC
SURVEY BK. H PG. 162.3

SE¼ S4 36
T51N R33W

JASMIN TALETOVIC
DEED BK. 7245 PG. 34

PLAN SHEET
32 OF 41

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

DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	35
COUNTY	
CLAY	
JOB NO.	
J4S3412	
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

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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

NOTE:
FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB AND
GUTTER IS INTENDED
TO MATCH EXISTING OFFSETS AND
ELEVATIONS.CURB STATIONS AND
OFFSETS ARE APPROXIMATE.

SCALE
0 20 40 60

MATCHLINE STA. 1156+40.00

MATCHLINE STA. 1161+80.00

MATCHLINE STA. 1161+80.00

MATCHLINE STA. 1167+20.00

VICTORIA VACHON ETAL
SURVEY BK. H PG. 29

MINH H NGUYEN & MINH T LE NGOC
SURVEY BK. H PG. 29

CHRISTINE MITCHELL ETAL
DEED BK. 9067 PG. 93

AUTUMN ROSE SWINSON
DEED BK. 8970 PG. 2

JENNIFER NHUNG NGUYEN ETAL
DEED BK. 9473 PG. 137

BRENDA O'GRADY
DEED BK. 9602 PG. 62

GARY S HUONKER
DEED BK. 5534 PG. 102

MARTHA ANDREE ETAL
DEED BK. 6354 PG. 38

MARY GEHRER
DEED BK. 6129 PG. 98

LEE S & JONNA FLICKER
DEED BK. 3324 PG. 46

CAROLYN L PAYNE
DEED BK. 7576 PG. 120

ANTIOCH COMMUNITY CHURCH
DEED BK. 930 PG. 22

SHARON K JONES
DEED BK. 3224 PG. 414

MARISA M SMITH
DEED BK. 7485 PG. 106

MICHAEL G & SHERRY A OTIS
DEED BK. 1988 PG. 8512

ANDREW SHEARER
DEED BK. 8902 PG. 56

HOWARD W & HELEN L LITTREL ETAL
DEED BK. 9272 PG. 78

ELLEN BOLLINGER
DEED BK. 5922 PG. 5

LEE S & JONNA FLICKER
DEED BK. 3324 PG. 46

SW^4S^4 31
T51N R32W

SE^4S^4 36
T51N R33W

1160

1165

STA 1156+47.36
OFF 35.80' LT.
S.L.

STA 1156+42.36
OFF 30.92' LT.

STA 1158+11.55
OFF 33.74'

STA 1158+21.55
OFF 33.77'

STA 1159+40.26
OFF 33.30'

STA 1159+50.26
OFF 32.94'

STA 1159+91.91
OFF 32.11'

STA 1160+06.91
OFF 32.09'

STA 1162+54.91
OFF 31.44'

STA 1162+59.53
OFF 31.40'

STA 1163+70.75
OFF 32.26'

STA 1164+24.25
OFF 32.36'

STA 1166+46.51
OFF 31.95'

STA. 1167+07.33 ℄ RTE. 1 =
STA. 281+00.00 ℄ NE 48TH ST.

ADJUST STORM LID
STA. 1156+62.44

ADJUST STORM LID
STA. 1156+61.99

ADJUST STORM LID
STA. 1157+86.35

ADJUST STORM LID
STA. 1157+42.45

ADJUST STORM LID
STA. 1157+62.11

ADJUST STORM LID
STA. 1157+11.23

ADJUST STORM MH
STA. 1158+12.28

ADJUST STORM LID
STA. 1158+31.19

ADJUST STORM LID
STA. 1158+80.93

ADJUST STORM LID
STA. 1158+12.64

ADJUST STORM LID
STA. 1158+90.96

ADJUST STORM LID
STA. 1160+10.88

ADJUST STORM LID
STA. 1163+21.01

ADJUST STORM LID
STA. 1164+80.77

ADJUST UTILITY
STA. 1167+03.27

ADJUST STORM MH
STA. 1166+87.82

ADJUST STORM LID
STA. 1166+96.48

ADJUST STORM LID
STA. 1166+48.57

ENT. 56
ENT. 57
ENT. 58
ENT. 59
ENT. 60
ENT. 61
ENT. 62
ENT. 63
ENT. 64
ENT. 65
ENT. 66
ENT. 67
ENT. 68
ENT. 69
ENT. 70
ENT. 71
ENT. 72

CR-48
CR-49

EXIST. R/W

¼ SEC. LINE

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

S.L.

OE

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

NE 48TH ST.

PLAN SHEET
33 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	36

COUNTY
CLAY

JOB NO.
J4S3412

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
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800 E 101st Ter., Ste. 200
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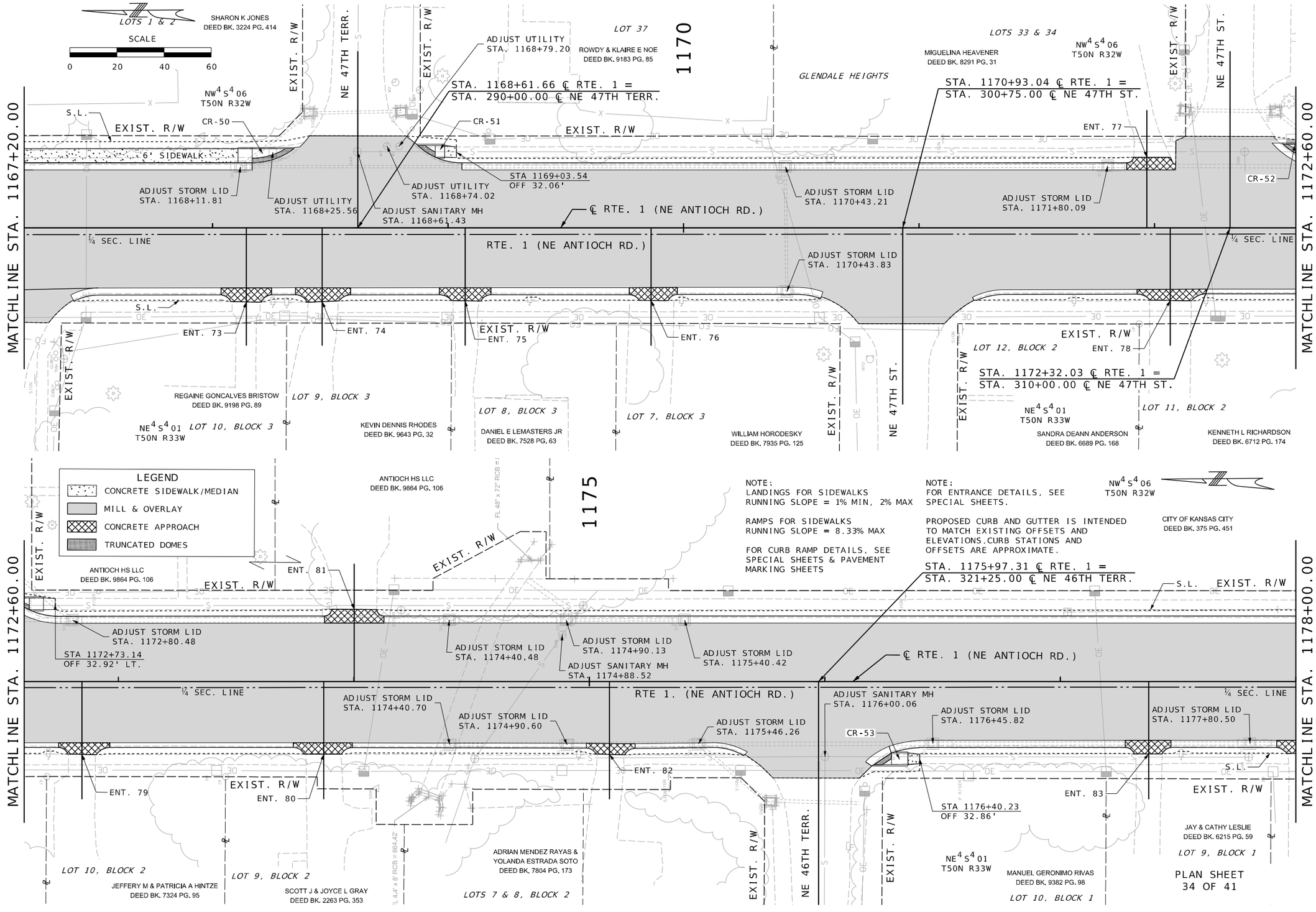

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	37
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION	DATE
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SCALE
0 20 40 60

CITY OF KANSAS CITY
DEED BK. 375 PG. 451

EXIST. R/W

NE 46TH ST.

1180

EXIST. R/W

SCOTT CUNNINGHAM
DEED BK. 1988 PG. 9628

ATHENA HORTON ETAL
DEED BK. 9515 PG. 23

NW¼ S4 06
T50N R32W

CONNOR JOSEPH
SCHAFER
DEED BK. 9733 PG. 53

STA 1179+51.27
OFF 39.86'

ADJUST UTILITY
STA. 1180+03.37

ADJUST STORM MH
STA. 1182+26.57

STA. 1179+79.72 ℄ RTE. 1 =
STA. 340+00.00 ℄ NE 46TH ST.

ENT. 85

EXIST. R/W

S.L.

EXIST. R/W

S.L.

CR-54

CR-55

STA 1179+28.39
OFF 32.85'

STA 1180+26.50
OFF 33.00'

ADJUST STORM LID
STA. 1180+31.53

ADJUST STORM LID
STA. 1182+62.33

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

S00°40'08"W

¼ SEC. LINE

MATCHLINE STA. 1178+00.00

MATCHLINE STA. 1183+40.00

ADJUST STORM LID
STA. 1178+40.41

ENT. 84

CR-56

CR-57

ADJUST STORM LID
STA. 1180+27.89

ADJUST STORM LID
STA. 1180+78.40

ADJUST STORM LID
STA. 1181+30.14

ADJUST STORM LID
STA. 1181+74.37

ADJUST STORM LID
STA. 1182+20.11

ADJUST STORM LID
STA. 1182+62.61

ADJUST STORM LID
STA. 1183+09.96

5' SIDEWALK

S.L.

DND

5' SIDEWALK

S.L.

EXIST. R/W

ADJUST SANITARY MH
STA. 1178+41.06

STA 1180+24.70
OFF 33.22'

STA 1181+67.94
OFF 32.50'

STA 1182+17.94
OFF 32.50'

EXIST. R/W

STA. 1179+75.47 ℄ RTE. 1 =
STA. 330+75.00 ℄ NE 46TH ST.

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

SYNERGY SERVICES INC
DEED BK. 6887 PG. 183

NE¼ S4 01
T50N R33W

FKH SFR C2 LP
DEED BK. 9122 PG. 85

VICTOR E & SHARON K BARBER
DEED BK. 1983 PG. 8207

EXIST. R/W

NE 46TH ST.

EXIST. R/W

1185

LOTS 9 & 10

CLAUDIA SOTO & IBARRA RUBEN PEREZ
DEED BK. 9742 PG. 81

S1/2 LOT 12 & ALL LOT 13

NW¼ S4 06
T50N R32W
LOT 14 & N1/2 LOT 15

S1/2 LOT 15 & ALL LOT 16

LOTS 17 & 18

CONNOR JOSEPH SCHAFER
DEED BK. 9733 PG. 53

PART OF LOTS 7 & 8

CURTIS E & ELINOR A KENYON
DEED BK. 7210 PG. 179

LOT 11 & N1/2 LOT 12

CATHERINE C BURNS
DEED BK. 9848 PG. 54

MICHAEL MARTIN
DEED BK. 9363 PG. 25

JACOB T MINARIK
DEED BK. 9201 PG. 96

DANIEL MICHAEL
& EDITH L MCHUGH
DEED BK. 1988 PG. 9629

STA 1183+86.13
OFF 33.68'

STA 1183+80.86
OFF 33.82'

ENT. 86

ENT. 87

ENT. 89

ENT. 90

ENT. 93

ENT. 94

EXIST. R/W

EXIST. R/W

S.L.

S.L.

ADJUST UTILITY
STA. 1183+87.26

ADJUST SANITARY MH
STA. 1184+24.20

ADJUST UTILITY
STA. 1184+46.20

ADJUST STORM LID
STA. 1184+95.05

STA 1187+15.11
OFF 33.05'

MATCHLINE STA. 1183+40.00

MATCHLINE STA. 1188+80.00

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

¼ SEC. LINE

STA. 1184+27.54 ℄ RTE. 1 =
STA. 350+00.00 ℄ NE 45TH ST.

ADJUST STORM LID
STA. 1183+54.85

ADJUST STORM LID
STA. 1184+00.01

ADJUST STORM LID
STA. 1184+61.39

ADJUST STORM LID
STA. 1185+30.15

ADJUST STORM LID
STA. 1186+30.06

STA 1186+46.82
OFF 31.89'

STA 1187+09.74
OFF 32.15'

STA 1187+86.27
OFF 32.53'

ADJUST STORM LID
STA. 1188+39.97

5' SIDEWALK

S.L.

S.L.

ENT. 88

ADJUST STORM LID
STA. 1186+99.93

ENT. 91

ENT. 92

EXIST. R/W

5' SIDEWALK

SYNERGY SERVICES INC
DEED BK. 6887 PG. 183

KENNETH L SUTHERLAND
DEED BK. 9340 PG. 154

NE¼ S4 01
T50N R33W

LOT 6

JESSE BRANHAM
DEED BK. 7821 PG. 91

LOT 5

LUCA WHELAN
DEED BK. 9856 PG. 109

LOT 4

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

NOTE:
FOR ENTRANCE DETAILS, SEE
SPECIAL SHEETS.

PROPOSED CURB AND GUTTER IS INTENDED
TO MATCH EXISTING OFFSETS AND
ELEVATIONS.CURB STATIONS AND
OFFSETS ARE APPROXIMATE.

PLAN SHEET
35 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	38

COUNTY
CLAY

JOB NO.
J4S3412

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)

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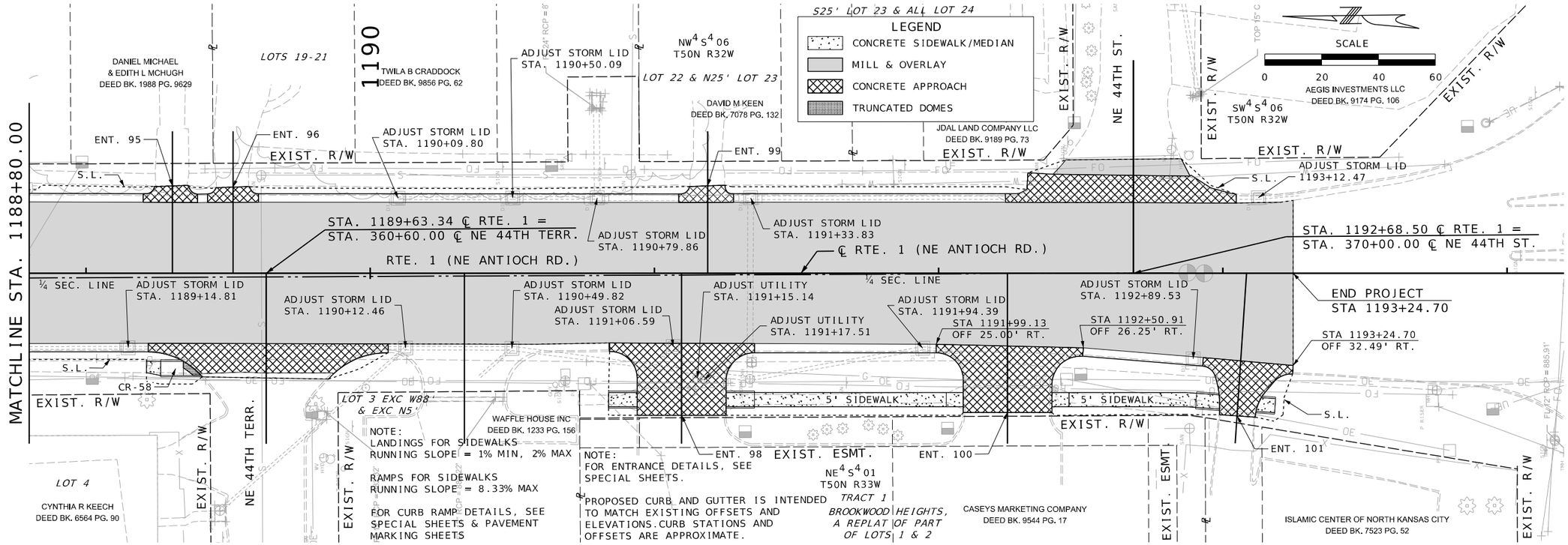
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



PLAN SHEET
36 OF 41

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	39

COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES. 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.

TRACT 6
NORTHLAND CHINESE CHRISTIAN CHURCH
DEED BK. 3539 PG. 703

EXIST. R/W

STA 1022+32.00
OFF 36.00' LT.

STA 1022+32.00
OFF 42.05' LT.

STA 1022+20.00
OFF 36.00' LT.

STA 1022+20.00
OFF 41.91' LT.

¼ SEC. LINE

RTE. 1 (N. PROSPECT AVE.)

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

EXIST. ESMT.

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

FOR MEDIAN ISLAND SIDEWALK DETAILS, SEE SPECIAL SHEETS - CURB RAMP DETAIL SHEETS.

TRACT 5
GLADSTONE 180 LLC
DEED BK. 7159 PG. 163
PROSPECT-1
TRACT B - BK. 20 PG. 76

STA 1022+41.52
OFF 36.00' RT.

STA 1022+41.52
OFF 136.00' RT.

STA 1021+72.82
OFF 66.00' LT.

STA 1021+72.82
OFF 36.00' LT.

STA 20+39.42
OFF 44.49' LT.

R 100'

S.L.

CR-3

STA 20+66.92
OFF 16.21' LT.

STA 20+89.03
OFF 34.39' LT.

STA 20+85.83
OFF 29.31' LT.

STA 20+84.23
OFF 26.77' LT.

STA 19+45.76
OFF 20.60' LT.

STA 19+47.00
OFF 17.86' LT.

R 30'

R 1.5'

R 121.5'

18.5'

STA 1021+68.53
OFF 35.50' RT.

STA 1021+42.97
OFF 35.50' RT.

R 4.5'

R 1.5'

CR-3

SAW CUT

END PAVING
STA 20+84.23

NE 70TH ST.

BEGIN PAVING
STA 19+47.00

STA 20+66.03
OFF 13.50' LT.

STA 20+40.50
OFF 13.50' LT.

R 30'

STA 19+47.00
OFF 17.91' RT.

STA 19+45.88
OFF 20.69' RT.

STA 1020+76.39
OFF 66.00' LT.

STA 1020+76.39
OFF 36.00' LT.

8" WATER DIST. CITY OF GLADSTONE

12" WM CITY OF GLADSTONE

STA 20+84.23
OFF 13.50' RT.

STA 20+84.23
OFF 16.50' RT.

R 50'

CR-2

STA. 1021+24.03 ℄ RTE. 1 =
STA. 20+00.00 ℄ NE 70TH ST.

STA 1020+73.43
OFF 48.00' RT.

STA 1020+59.68
OFF 86.00' RT.

R 45'

R 33'

STA 1020+59.68
OFF 36.00' RT.

STA 1020+56.12
OFF 44.54' RT.

STA 1020+52.20
OFF 37.00' RT.

STA 1020+43.43
OFF 42.00' RT.

6' SIDEWALK

STA 1020+22.00
OFF 44.00' RT.

STA 1020+22.00
OFF 42.00' RT.

STA 1020+10.00
OFF 44.00' RT.

STA 1020+10.00
OFF 42.00' RT.

S.L.

EXIST. R/W

EXIST. R/W

EXIST. R/W

NW' S' 19
T51N R32W

NE' S' 24
T51N R33W

1020

10' UIE PER PLAT

MICHAEL TOLEDO &
CARMEN TRUAX
DEED BK. 6455 PG. 105

TRACT 3
GLADSTONE MEADOWS, L.P.
DEED BK. 2297 PG. 285
GLADSTONE MEADOWS APARTMENTS
LOT 1 - BK. 20 PG. 49

EXIST. ESMT.

30' DRAINAGE ESMNT PER PLAT

EXIST. ESMT.

EXIST. ESMT.

LEGEND

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

SCALE
0 20 40 60

SIDEROAD PLAN
37 OF 41

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	40

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
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BRIDGE NO.
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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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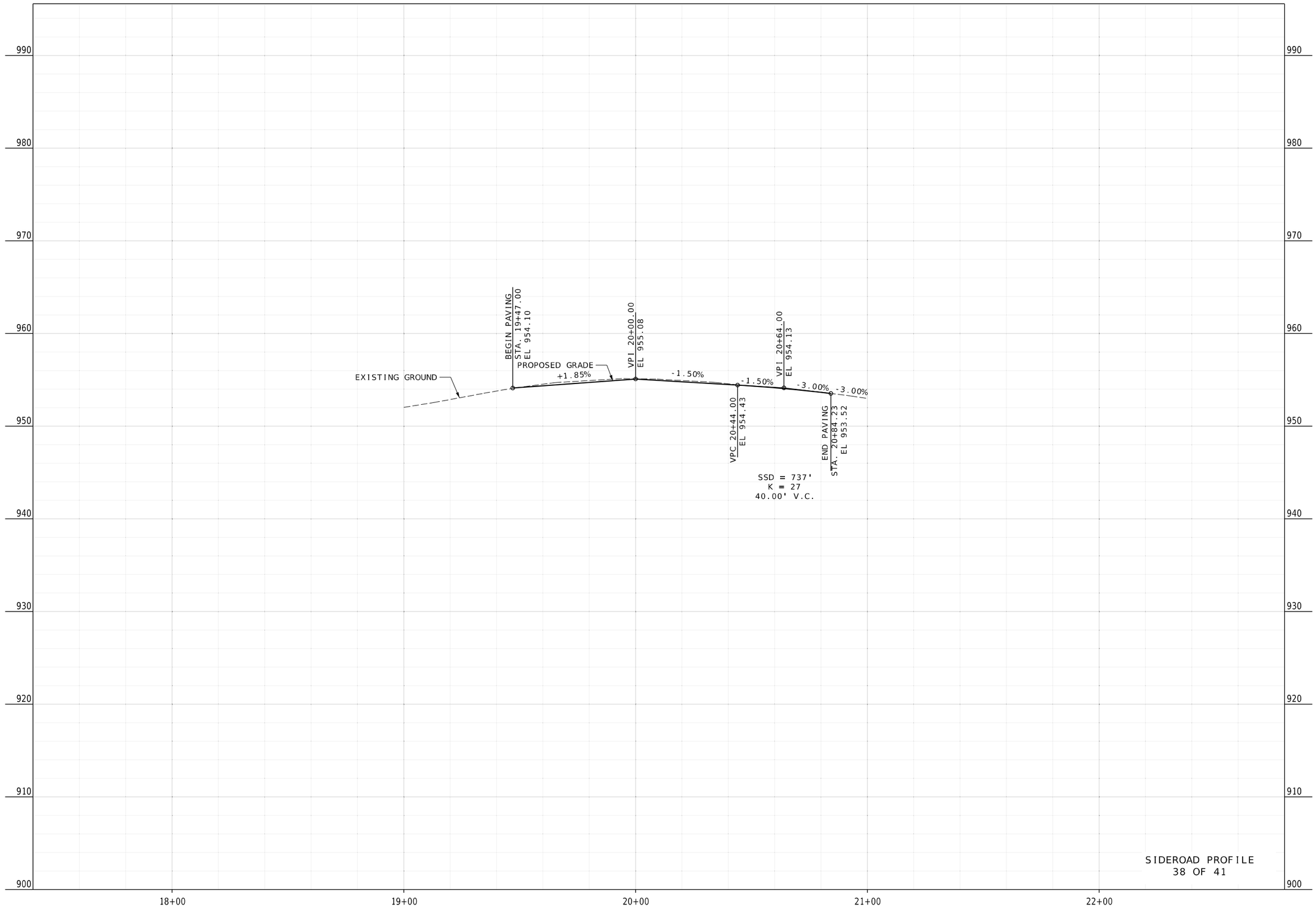

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	41

COUNTY
CLAY

JOB NO.
J4S3412

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

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ALL BEARINGS BASED ON MODIFIED STATE PLANE COORDINATES.

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

FOR MEDIAN ISLAND SIDEWALK DETAILS, SEE SPECIAL SHEETS - CURB RAMP DETAIL SHEETS.

WCI TRACT 22, 23 & 24
COMMERCE BANK
DEED BK. 8550 PG. 38

NW¼ S¼ 30
T51N R32W

EXIST. R/W

6' SIDEWALK

RTE. 1 (NE ANTIOCH RD.)

¼ SEC. LINE

RTE. 1 (NE ANTIOCH RD.)

5' SIDEWALK

EXIST. R/W

SANITARY MH #10046
TOP ELEV.=950.06'
FL IN (W) 8" VCP=938.86'
FL OUT (S) 8" VCP=938.26'

NW¼ S¼ 25
T51N R33W

STA 1063+04.85
OFF 137.00' RT.

STA 1063+04.85
OFF 37.00' RT.

WCI TRACT 21
YOUTH MOVEMENT, INC.
DEED BK. 6422 PG. 90

JOHNNY WEBBER
DEED BK. 7875 PG. 65

EXIST. R/W

S.L.

STA 1062+24.57
OFF 8.50' RT.

STA. 1061+72.27 ℄ RTE. 1 =
STA. 100+00.00 ℄ NE 64TH ST.

STA 1062+46.70
OFF 85.00' LT.

STA 1062+46.70
OFF 35.00' LT.

CR-14

STA 98+34.92
OFF 30.00' LT.

STA 98+34.92
OFF 24.00' LT.

STA 98+25.00
OFF 31.00' LT.

STA 98+25.00
OFF 27.44' LT.

STA 98+25.00
OFF 24.00' LT.

EXIST. R/W

STA 99+14.16
OFF 24.00' LT.

6' SIDEWALK

R 50'

STA 1062+24.58
OFF 4.50' RT.

R2'

STA 1062+31.85
OFF 36.50' RT.

STA 1061+98.45
OFF 36.50' RT.

R 1.5'

R 121.5'

18.5'

R 100

STA 100+38.09
OFF 60.85' LT.

CR-18

STA 100+80.73
OFF 25.34' LT.

STA 101+39.89
OFF 40.00' LT.

STA 101+65.00
OFF 38.62' LT.

STA 101+65.00
OFF 34.25' LT.

6' SIDEWALK

R 4.5'

CR-17

STA 100+40.44
OFF 22.50' LT.

STA 100+80.06
OFF 22.50' LT.

STA 101+35.10
OFF 34.00' LT.

SAW CUT

END PAVING
STA 101+65.00

NE 64TH ST.

STA 98+25.00
OFF 7.00' LT.

STA 99+47.96
OFF 7.00' LT.

R 2'

¼ SEC. LINE

STA 98+25.00
OFF 3.00' LT.

BEGIN PAVING
STA 98+25.00

STA 99+47.96
OFF 3.00' LT.

R 2'

STA 100+53.10
OFF 2.85' RT.

STA 101+65.00
OFF 2.85' RT.

NE 64TH ST.

¼ SEC. LINE

STA 100+42.10
OFF 23.50' RT.

STA 100+53.10
OFF 6.85' RT.

STA 100+57.65
OFF 23.50' RT.

STA 101+20.01
OFF 24.00' RT.

STA 101+65.00
OFF 6.85' RT.

STA 101+65.00
OFF 24.00' RT.

R 26'

R 26'

R 50'

5' SIDEWALK

STA 1061+43.43
OFF 37.00' RT.

CR-13

STA 1061+24.06
OFF 37.00' RT.

CR-16

R 4.5'

R 1.5'

R 91.5'

18.5'

R 70'

R 1.5'

STA 100+58.66
OFF 26.11' RT.

CR-15

STA 101+65.00
OFF 28.36' RT.

STA 101+65.00
OFF 31.68' RT.

STA 101+54.92
OFF 27.00' RT.

STA 101+54.92
OFF 32.00' RT.

EXIST. R/W

STA 98+25.00
OFF 24.00' RT.

STA 98+25.00
OFF 28.27' RT.

STA 98+25.00
OFF 32.00' RT.

STA 98+34.92
OFF 32.00' RT.

STA 98+44.92
OFF 33.00' RT.

STA 98+91.62
OFF 33.00' RT.

STA 98+96.62
OFF 32.00' RT.

STA 99+08.16
OFF 29.69' RT.

STA 99+16.62
OFF 24.00' RT.

STA 99+16.62
OFF 28.00' RT.

STA 1060+99.55
OFF 84.50' LT.

STA 1060+99.55
OFF 38.50' LT.

STA 1060+99.55
OFF 34.50' LT.

STA 1060+89.55
OFF 39.50' LT.

STA 1061+19.00
OFF 5.25' LT.

R 2'

STA 1061+19.00
OFF 1.25' LT.

S.L.

STA 1061+23.28
OFF 39.78' RT.

STA 1060+75.80
OFF 48.00' RT.

EXIST. R/W

S.L.

STA 1060+75.80
OFF 118.00' RT.

BANKLIBERTY
DEED BK. 5620 PG. 96

LOT 2A
REPLAT OF LOT 2, TOWER PLAZA

LOT 4

PROSPECT PLAZA GLADSTONE MO LLC
DEED BK. 9621 PG. 113

5' SIDEWALK

6' SIDEWALK

RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

EXIST. R/W

EXIST. R/W

STA 1060+50.00
OFF 56.00' RT.

STA 1060+50.00
OFF 51.00' RT.

STA 1060+40.00
OFF 57.73' RT.

STA 1060+40.00
OFF 53.32' RT.

1060

LEGEND

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

SCALE
0 20 40 60

SIDEROAD PLAN
39 OF 41

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	42

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

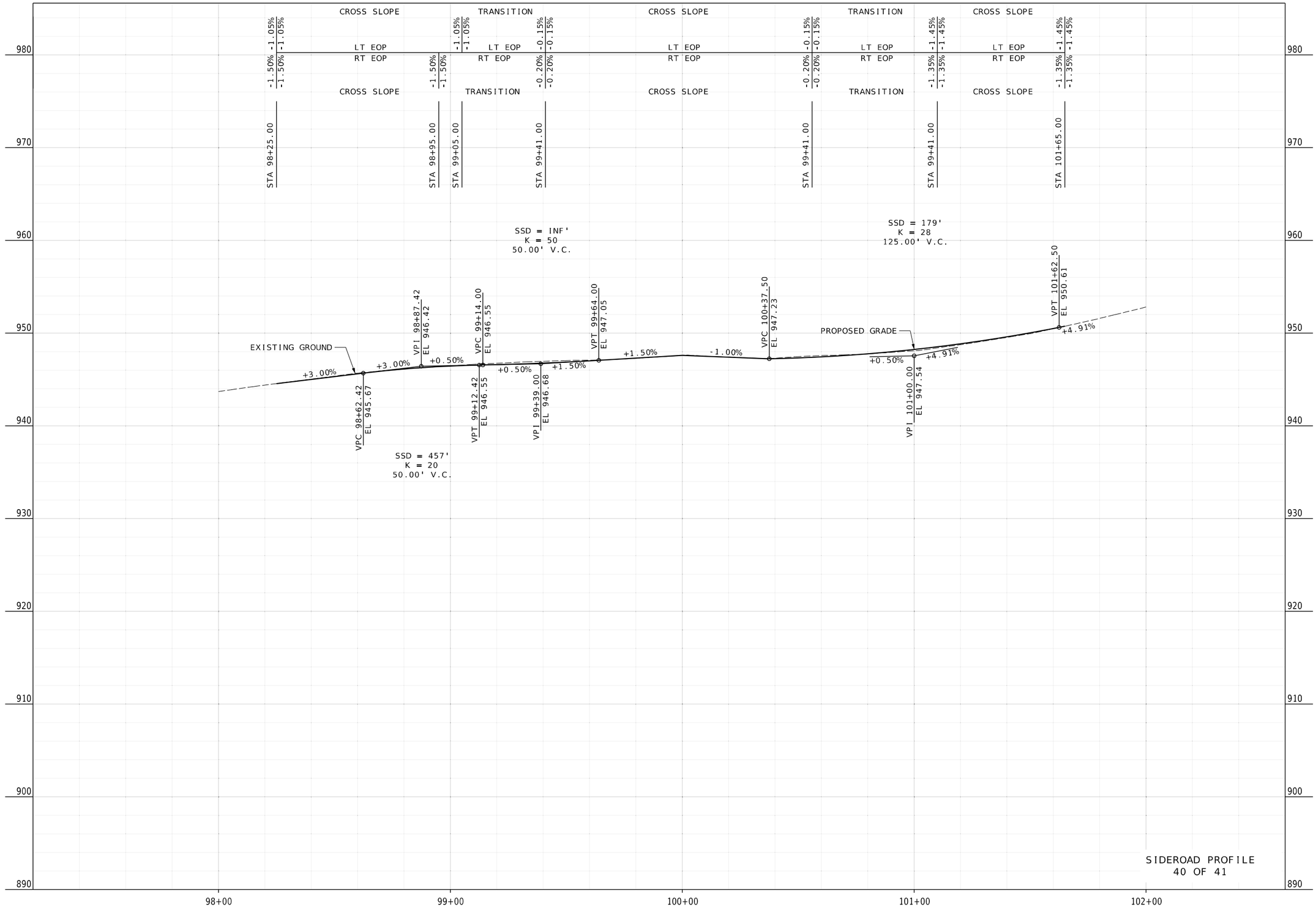
DATE	DESCRIPTION
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



SIDEROAD PROFILE
40 OF 41

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	43

COUNTY
CLAY

JOB NO.
J4S3412

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
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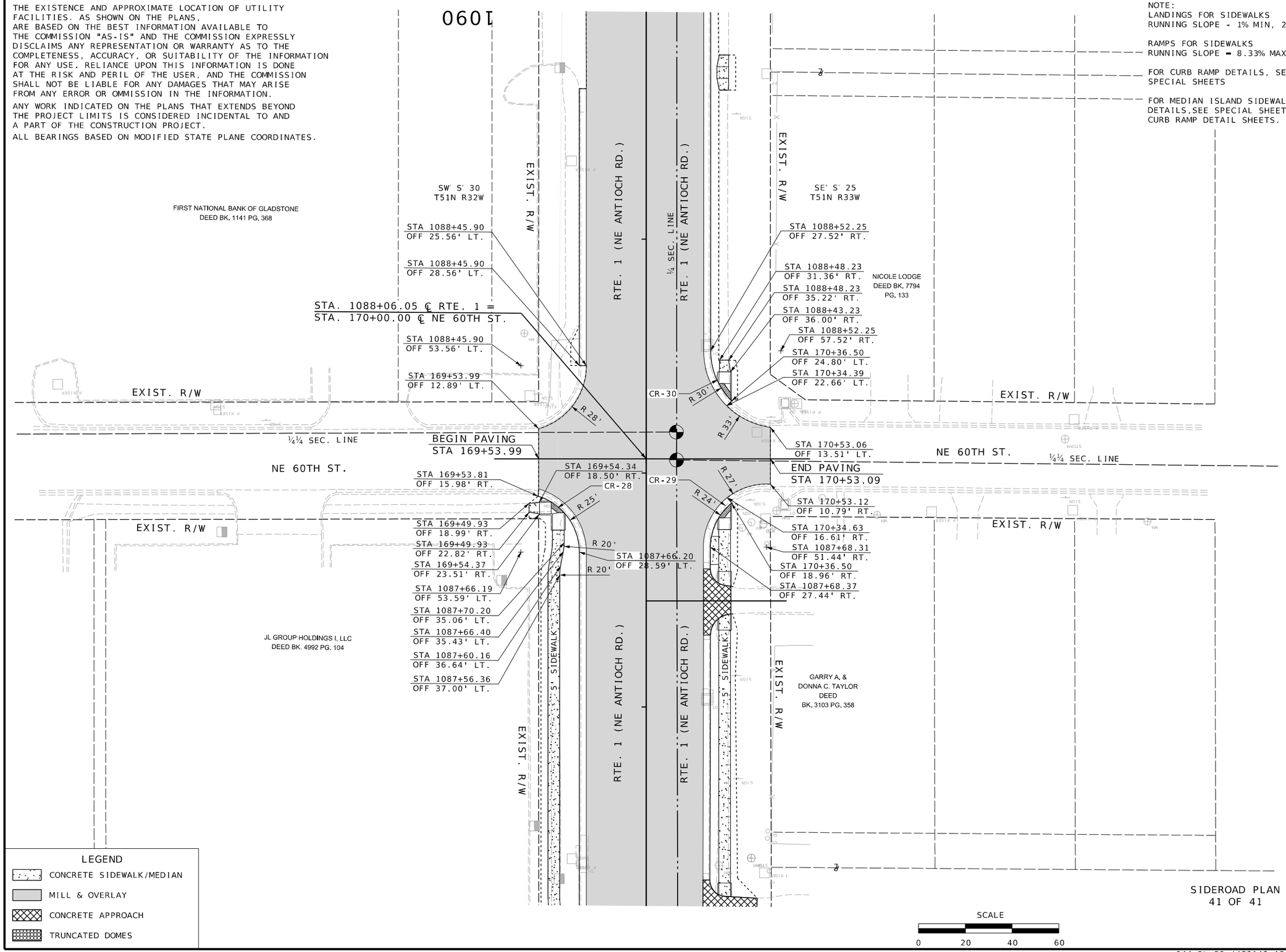
LANDINGS FOR SIDEWALKS
RUNNING SLOPE - 1% MIN, 2% MAX

RAMPS FOR SIDEWALKS
RUNNING SLOPE = 8.33% MAX

FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS

FOR MEDIAN ISLAND SIDEWALK DETAILS,SEE SPECIAL SHEETS - CURB RAMP DETAIL SHEETS.



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

SCALE
0 20 40 60

SIDEROAD PLAN
41 OF 41

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	44

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

1010

START STA 1007+45.66

POT STA 1007+45.66
N 1113591.349
E 2775263.209

℄ RTE. 1 (N. PROSPECT AVE.)

S01°04'47"W

MATCHLINE STA. 1014+70.00

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 1 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	45

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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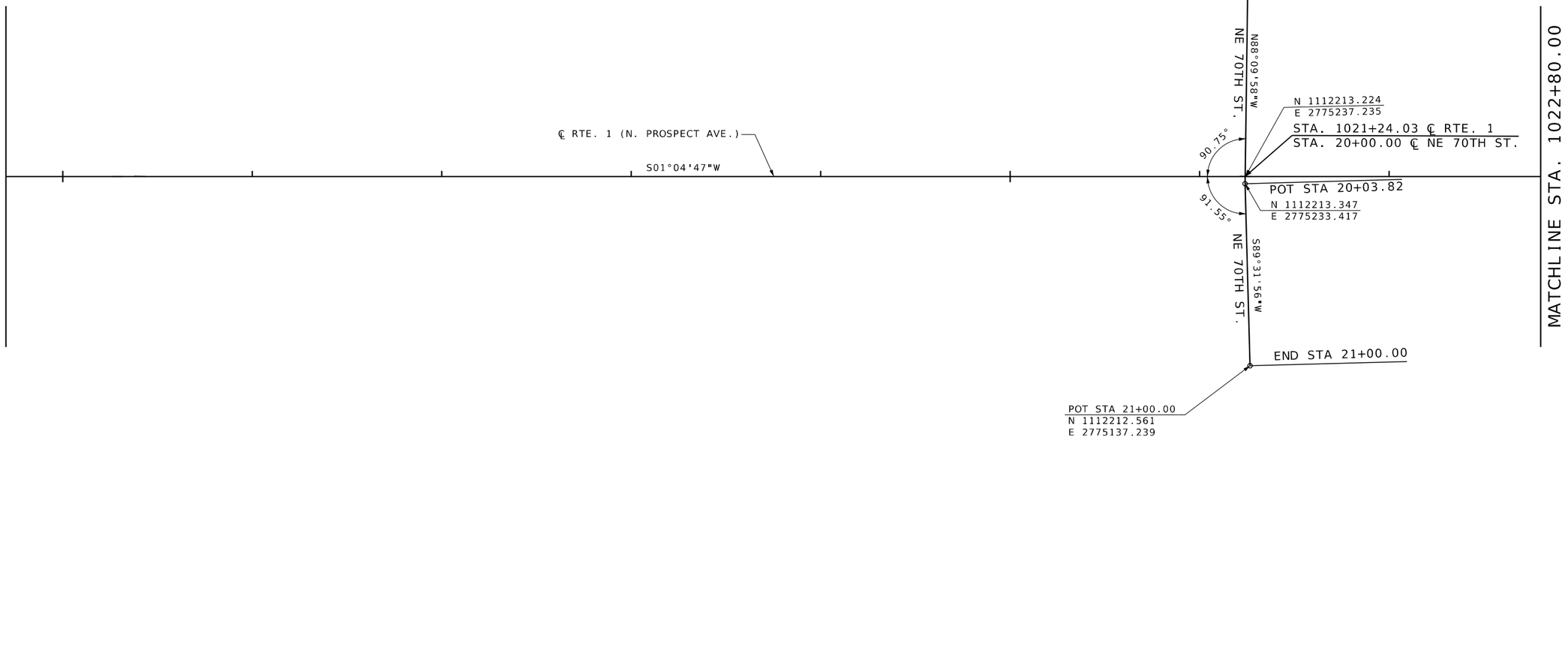

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 2 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	46

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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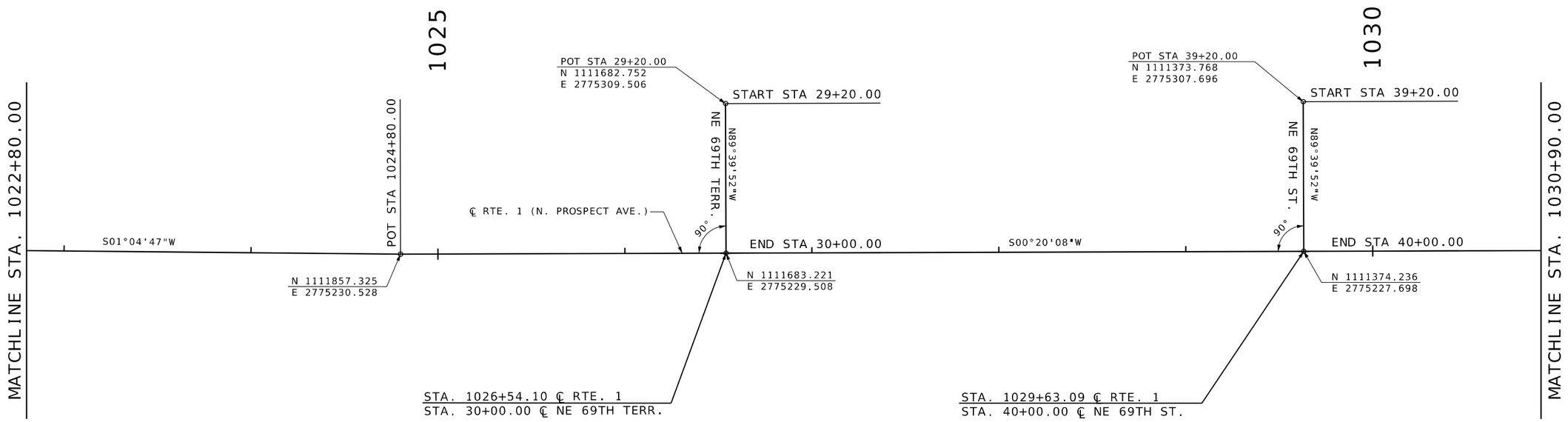

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 3 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	47

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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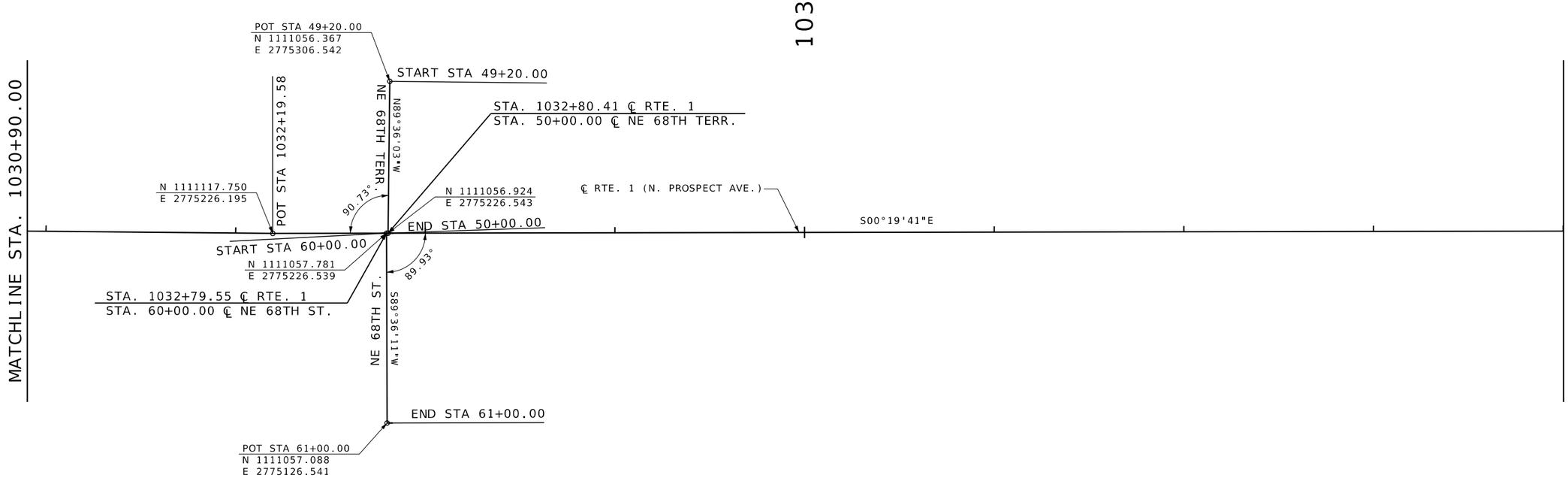

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 4 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	48

COUNTY
CLAY

JOB NO.
J4S3412

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

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1040

1045

MATCHLINE STA. 1039+00.00

MATCHLINE STA. 1047+10.00

POT STA 69+20.00
N 1110072.982
E 2775312.174

START STA 69+20.00

NE 67TH TERR.

S89°11'40"W

89.52°

N 1110071.858
E 2775232.182

℄ RTE. 1 (N. PROSPECT AVE.)

END STA 70+00.00

S00°19'41"E

STA. 1042+65.49 ℄ RTE. 1
STA. 70+00.00 ℄ NE 67TH TERR.

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 5 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	49

COUNTY
CLAY

JOB NO.
J4S3412

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

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WILSON &COMPANY
ENGINEERS & ARCHITECTS

1050

1055

MATCHLINE STA. 1047+10.00

MATCHLINE STA. 1055+20.00

STA. 1048+31.58 ℄ RTE. 1
STA. 80+00.00 ℄ NE 66TH ST.

N 1109505.778
E 2775235.422

START STA 80+00.00

89.07°

NE 66TH ST.

N89°24'03"W

END STA 81+00.00

POT STA 81+00.00
N 1109506.823
E 2775135.428

℄ RTE. 1 (N. PROSPECT AVE.)

S00°19'41"E

180+00.00

N 1109155.019
E 2775237.430

STA. 1051+82.35 ℄ RTE. 1
STA. 90+00.00 ℄ NE 65TH TERR.

START STA 90+00.00

88.62°

NE 65TH TERR.

N88°56'52"W

END STA 90+80.00

POT STA 90+80.00
N 1109156.488
E 2775157.444

POT STA 1054+45.51

S02°28'37"E

N 1108891.860
E 2775238.937

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 6 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	50

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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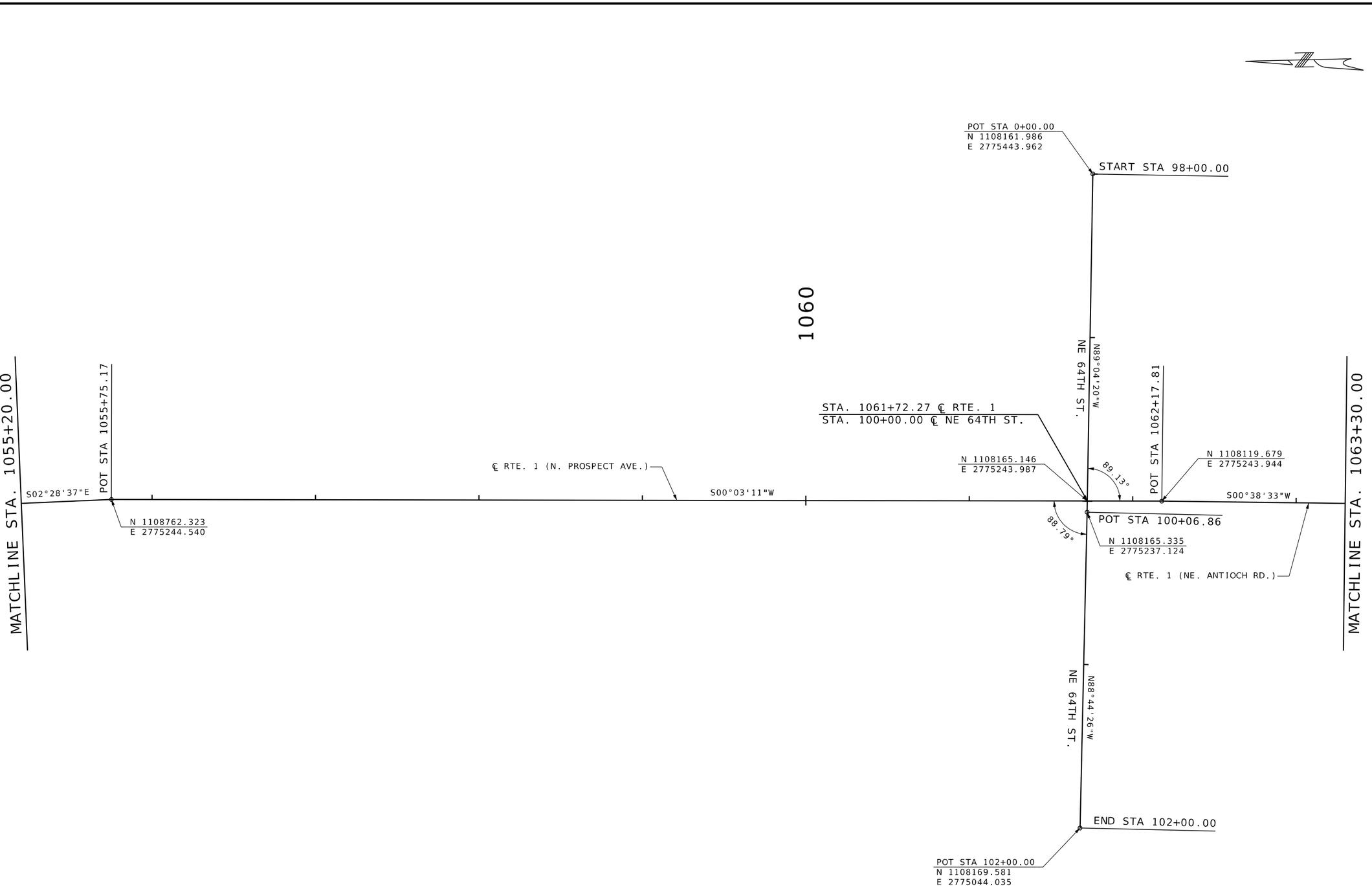
WILSON &COMPANY
ENGINEERS & ARCHITECTS



HORIZONTAL CONTROL PLAN
SHEET 7 OF 25

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	51

COUNTY
CLAY

JOB NO.
J4S3412

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
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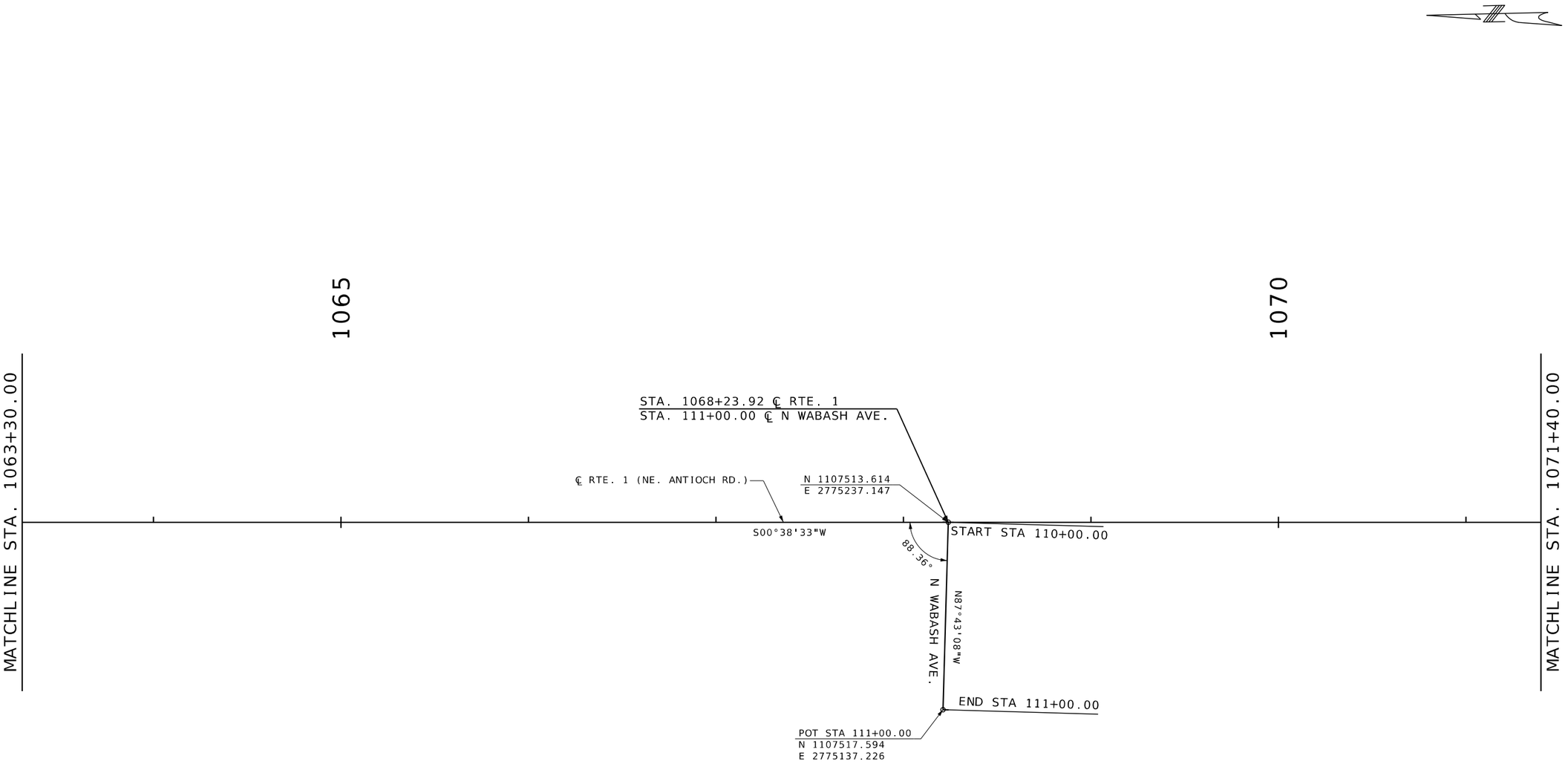

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 8 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	52

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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ENGINEERS & ARCHITECTS

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Fax (816) 942-3013

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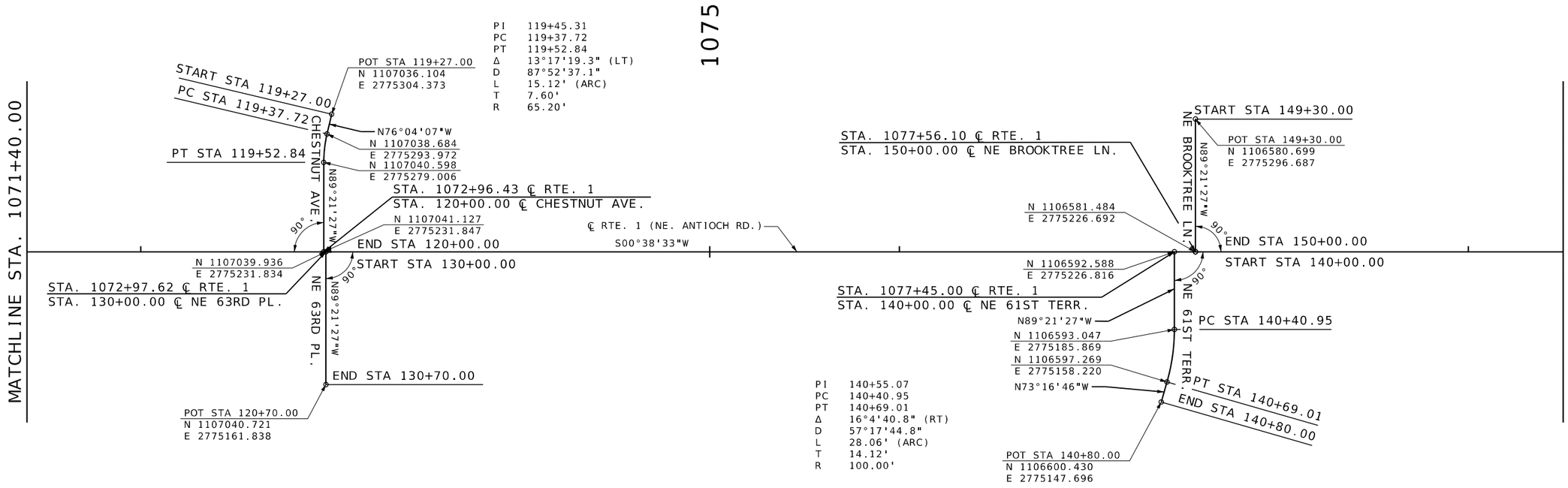

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 9 OF 25

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

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	53

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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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

1080

1085

MATCHLINE STA. 1079+50.00

MATCHLINE STA. 1087+60.00

STA. 1081+06.97 ℄ RTE. 1
STA. 160+00.00 ℄ NE 61ST ST.

N 1106230.639
E 2775222.757

℄ RTE. 1 (NE. ANTIOCH RD.)

S00°38'33"W

START STA 160+00.00

90°

NE 61ST ST.

N89°21'27"W

END STA 160+75.00

POT STA 160+75.00
N 1106231.480
E 2775147.761

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 10 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	54

COUNTY
CLAY

JOB NO.
J4S3412

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)

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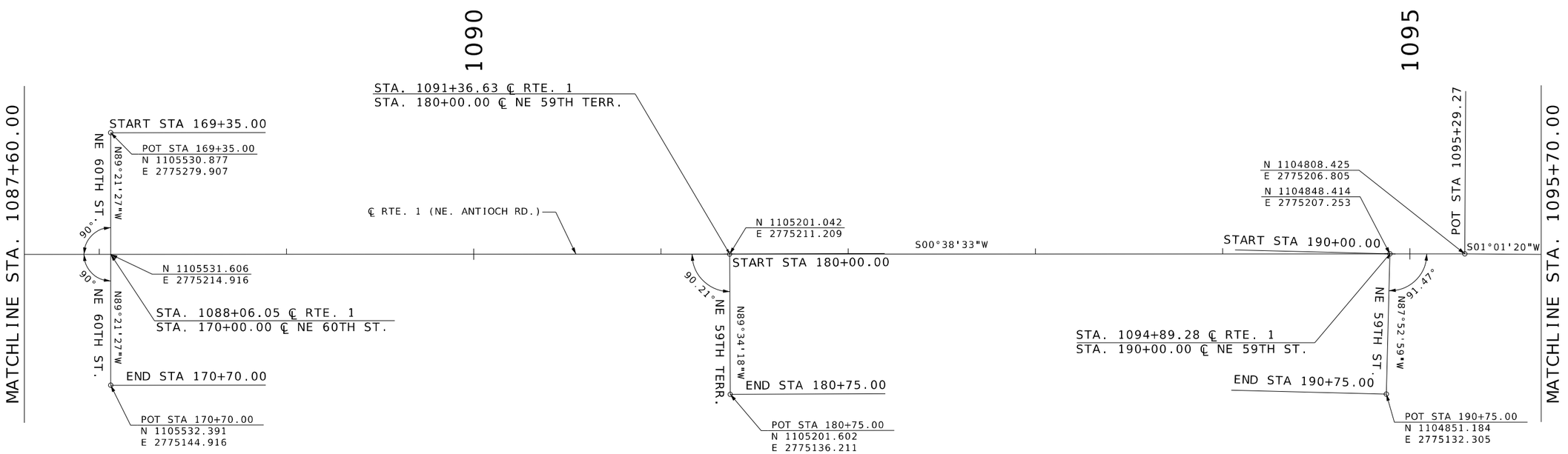
Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 11 OF 25

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	55

COUNTY
CLAY

JOB NO.
J4S3412

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

1100

MATCHLINE STA. 1095+70.00

POT STA 379+25.00
N 1104492.165
E 2775276.173

START STA 379+25.00

KENDALLWOOD PKWY.

N89°00'32"W

STA. 1098+44.29 ℄ RTE. 1
STA. 380+00.00 ℄ KENDALLWOOD PKWY.

90.07°

℄ RTE. 1 (NE. ANTIOCH RD.)

N 1104493.463
E 2775201.185

END STA 380+00.00

S01°01'20"W

N 1104491.336
E 2775201.147

START STA 390+00.00

90°

NE 58TH TERR.

N88°56'35"W

STA. 1098+46.41 ℄ RTE. 1
STA. 390+00.00 ℄ NE 58TH TERR.

END STA 390+75.00

POT STA 390+75.00
N 1104492.719
E 2775126.159

STA. 1101+74.81 ℄ RTE. 1
STA. 200+00.00 ℄ NE 58TH ST.

N 1104162.991
E 2775195.288

START STA 200+00.00

90°

NE 58TH ST.

N88°54'40"W

END STA 200+75.00

POT STA 200+75.00
N 1104164.329
E 2775120.300

POT STA 1102+75.96

N 1104061.862
E 2775193.483

S00°32'45"W

MATCHLINE STA. 1103+80.00

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 12 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	56
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
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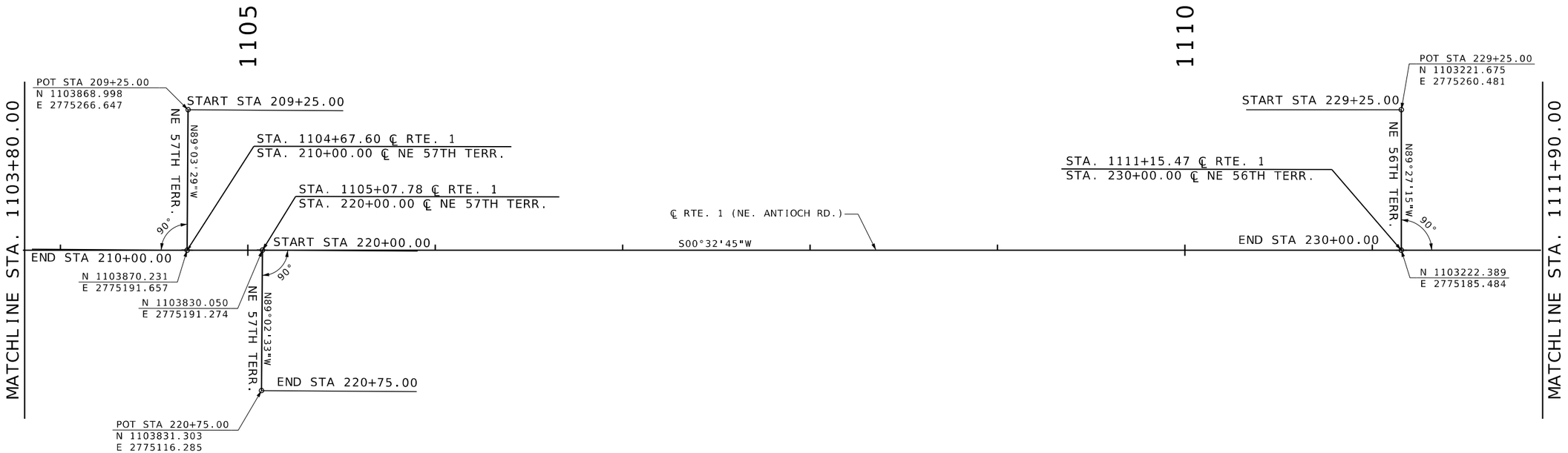
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 13 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	57

COUNTY
CLAY

JOB NO.
J4S3412

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)

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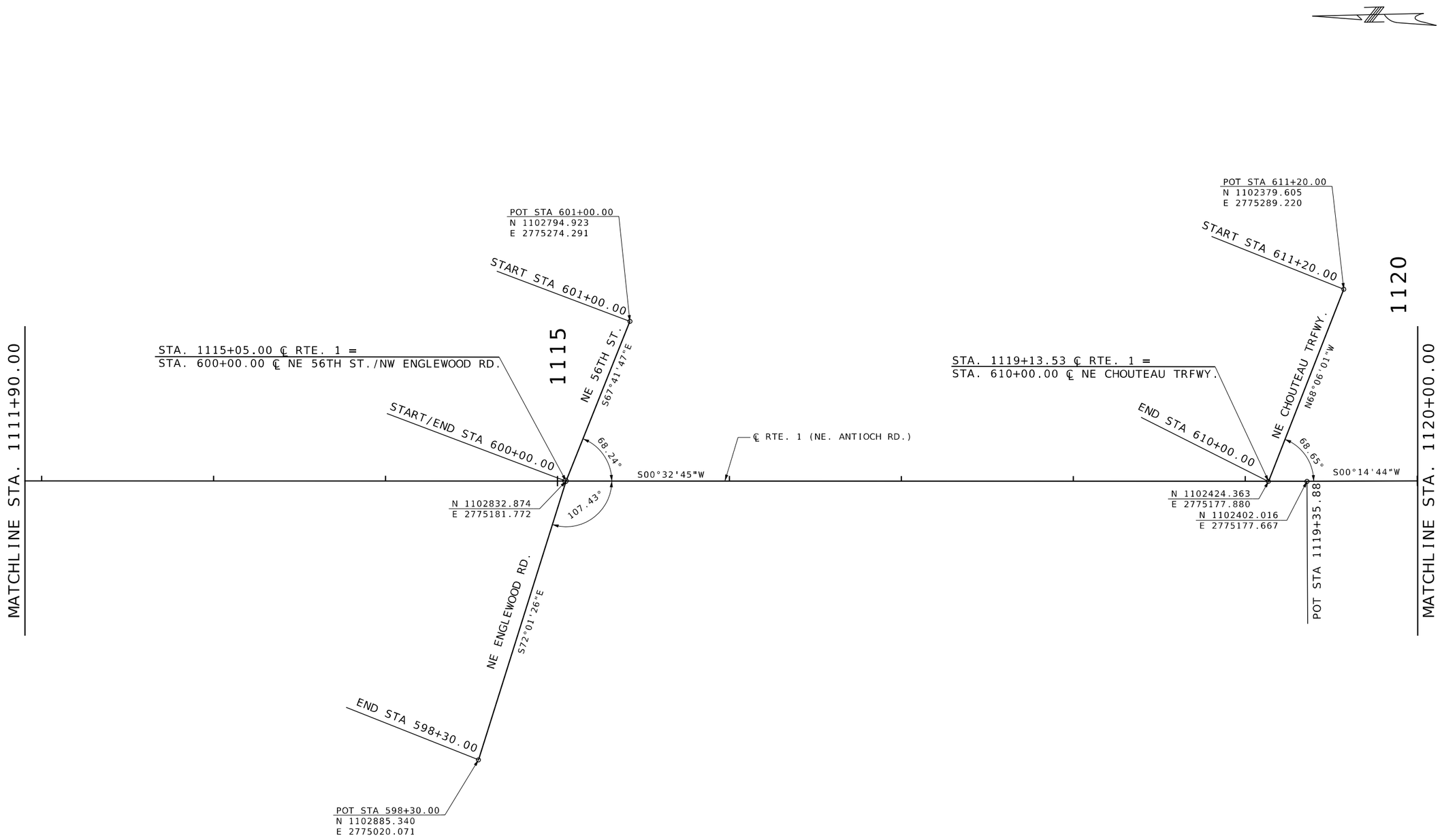
Missouri Cert. of Authority #2003007599



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 14 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	58
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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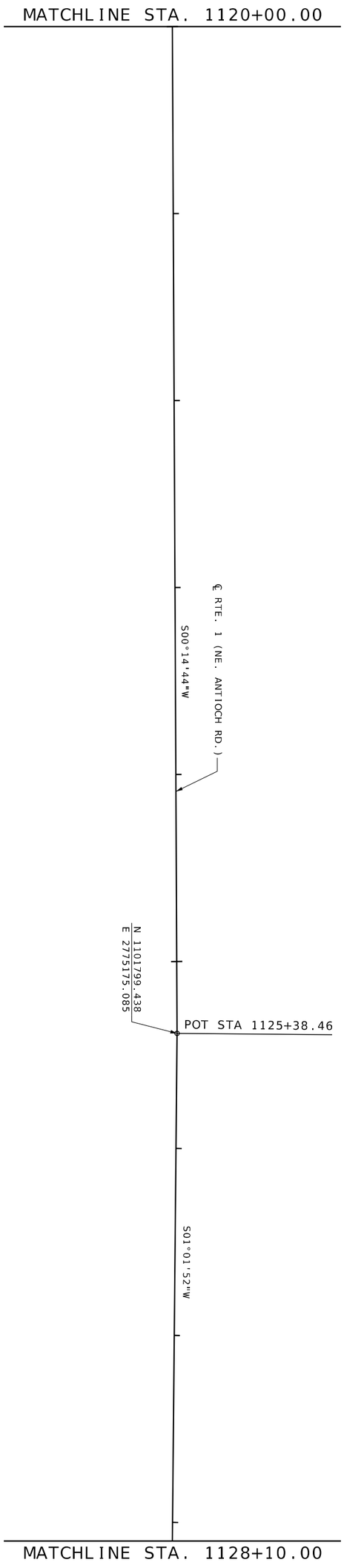
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



SCALE
0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 15 OF 25

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

DATE	DESCRIPTION
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BRIDGE NO.
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PROJECT NO.
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CONTRACT ID.
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JOB NO.
J4S3412
COUNTY
CLAY
DISTRICT
KC
SHEET NO.
59
ROUTE
1
STATE
MO
DATE PREPARED
3/3/2025

STATE OF MISSOURI
GARRET A. LOCKETT
NUMBER PE-2009035910
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

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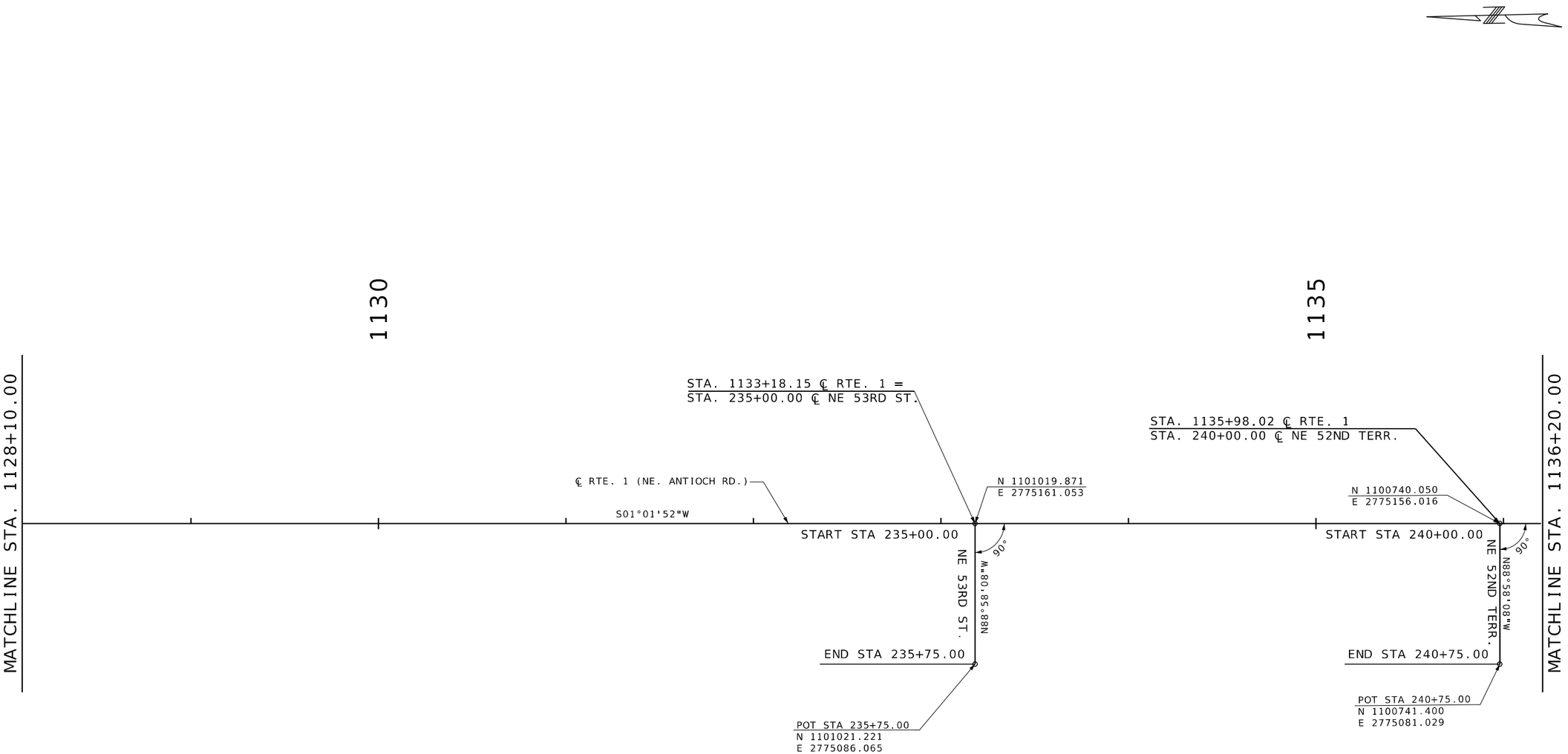

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 16 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	60

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Kansas City, MO 64131
Phone (816) 701-3100
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Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS

1140

MATCHLINE STA. 1136+20.00

STA. 1138+98.45 ℄ RTE. 1
STA. 250+00.00 ℄ NE 52ND ST.

N 1100439.665
E 2775150.610

℄ RTE. 1 (NE. ANTIOCH RD.)

S01°01'52"W

START STA 250+00.00

90°

NE 52ND ST.

N88°58'08"W

END STA 250+70.00

POT STA 250+70.00
N 1100440.925
E 2775080.621

MATCHLINE STA. 1144+30.00

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 17 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	61

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

MATCHLINE STA. 1144+30.00

1145

℄ RTE. 1 (NE. ANTIOCH RD.)

S01°01'52"W

1150

MATCHLINE STA. 1152+40.00

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 18 OF 25

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 HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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BRIDGE NO.
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PROJECT NO.
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CONTRACT ID.
J4S3412

JOB NO.

COUNTY
CLAY

DISTRICT
KC

SHEET NO.
62

ROUTE
1

STATE
MO

DATE PREPARED
3/3/2025

THIS SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
GARRETT
LOCKETT
NUMBER
PE-2009009310
PROFESSIONAL ENGINEER

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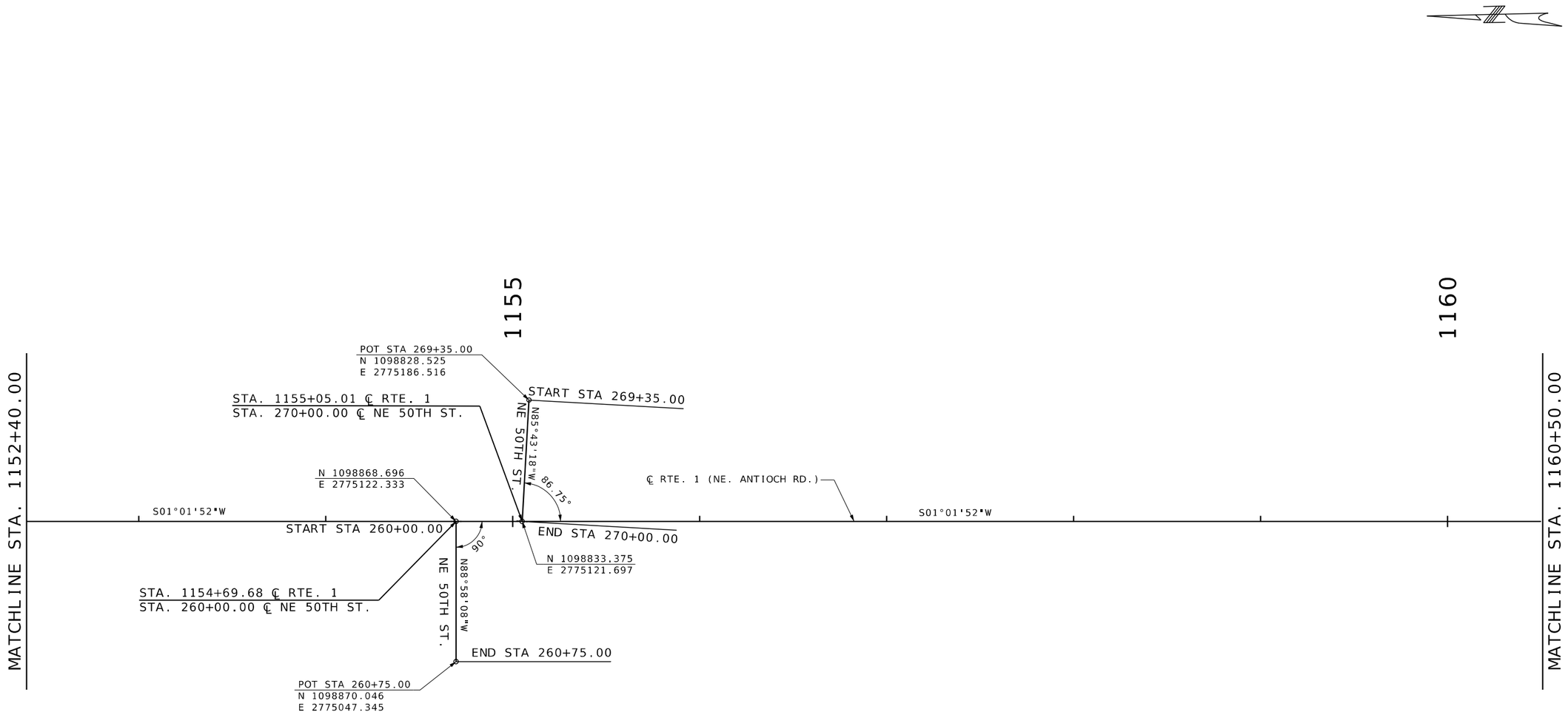

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 19 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	63

COUNTY
CLAY

JOB NO.
J4S3412

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
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Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS

1165

MATCHLINE STA. 1160+50.00

S01°01'52"W

POT STA 1162+02.51

N 1098135.984
E 2775109.145

℄ RTE. 1 (NE. ANTIOCH RD.)

S00°39'29"W

POT STA 1165+97.34

N 1097741.183
E 2775104.610

S00°26'22"W

N 1097631.188
E 2775103.766

START STA 280+00.00

90°

N89°33'38"W

NE 48TH ST.

STA. 1167+07.33 ℄ RTE. 1
STA. 280+00.00 ℄ NE 48TH ST.

END STA 281+00.00

POT STA 281+00.00
N 1097631.955
E 2775003.769

MATCHLINE STA. 1168+60.00

SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 20 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	64

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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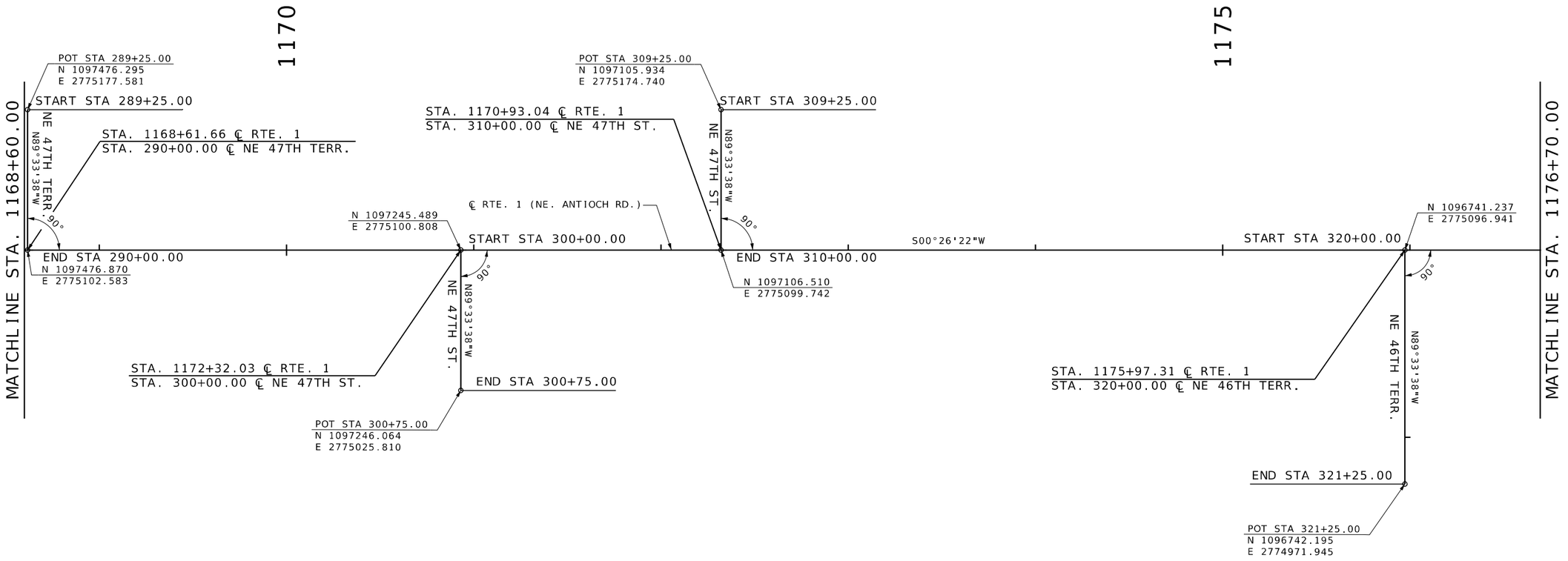
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 21 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	65

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

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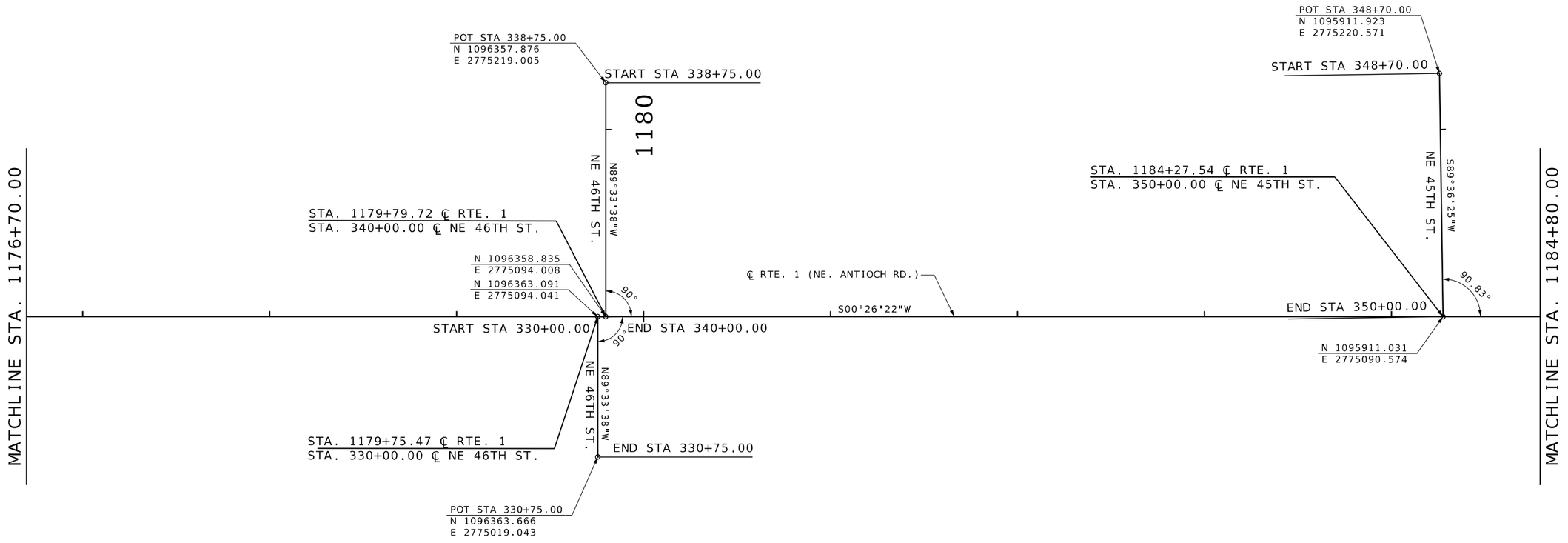
Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 22 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	66

COUNTY
CLAY

JOB NO.
J4S3412

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
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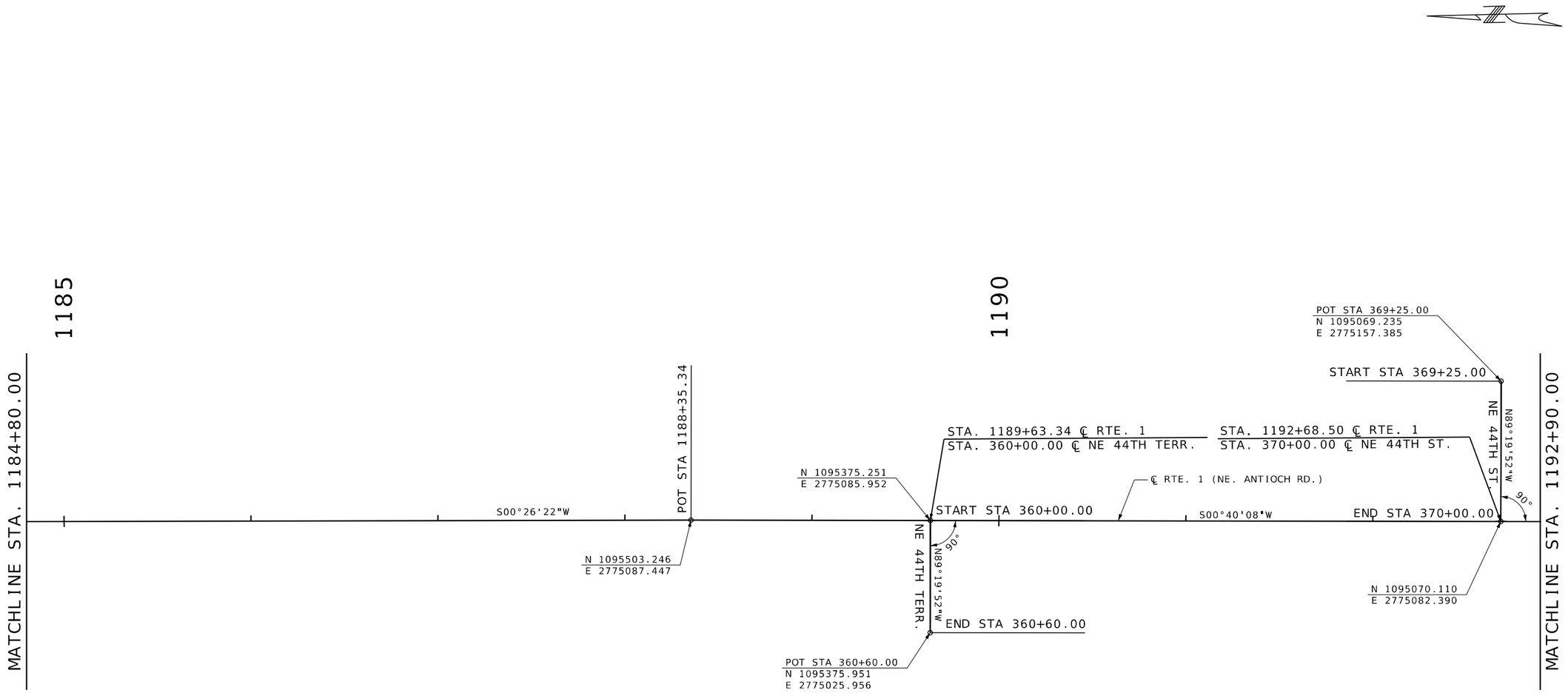
WILSON &COMPANY
ENGINEERS & ARCHITECTS



SCALE

0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 23 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	67

COUNTY
CLAY

JOB NO.
J4S3412

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)

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Kansas City, MO 64131
Phone (816) 701-3100
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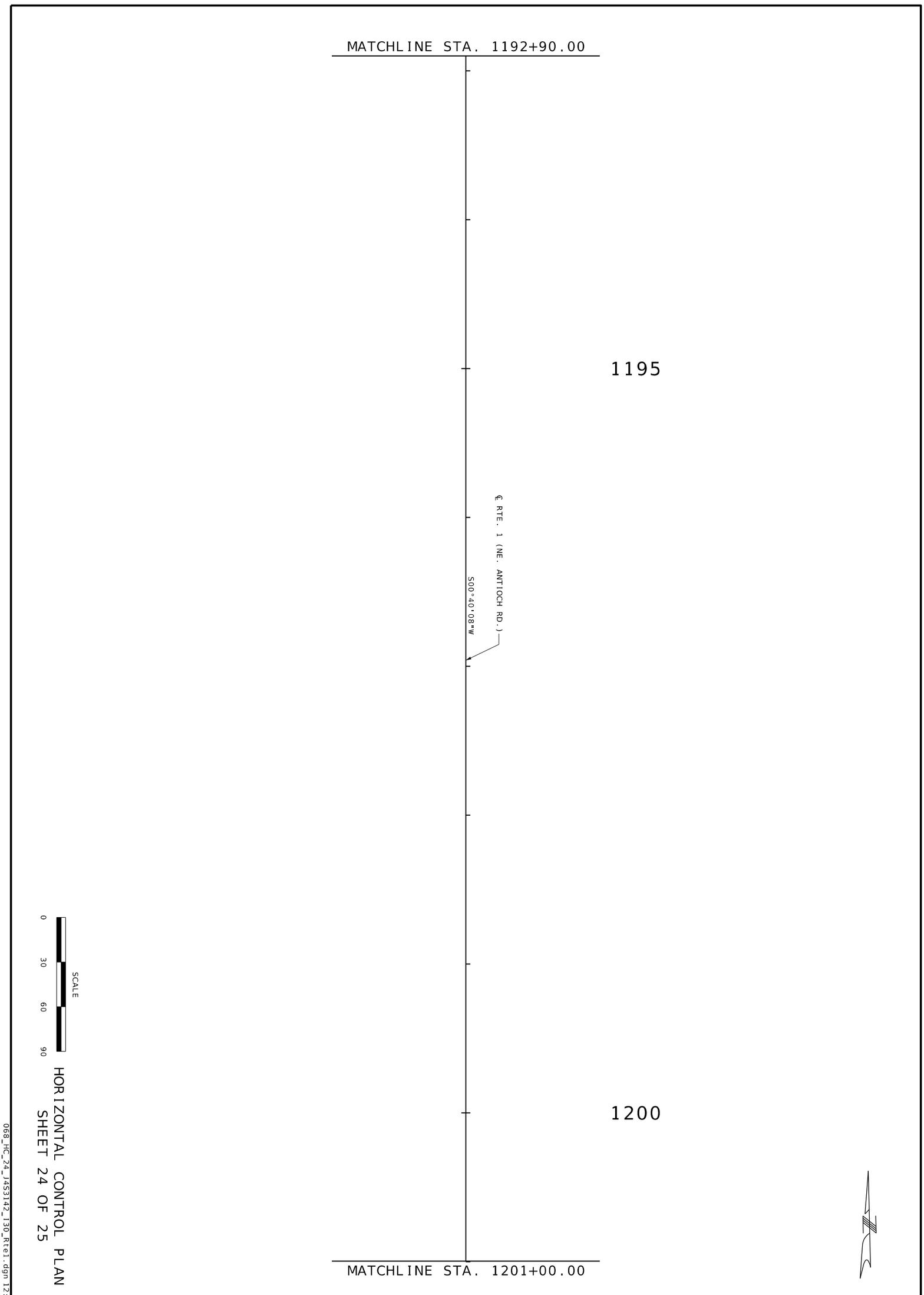

SCALE
0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 24 OF 25

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

DATE	DESCRIPTION
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BRIDGE NO.
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PROJECT NO.
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CONTRACT ID.
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JOB NO.
J4S3412
COUNTY
CLAY
DISTRICT
KC
SHEET NO.
68
ROUTE
1
STATE
MO
DATE PREPARED
3/3/2025

STATE OF MISSOURI
PROFESSIONAL ENGINEER
GARRETT L. LOCKETT
NUMBER PE-2009009310
THIS SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

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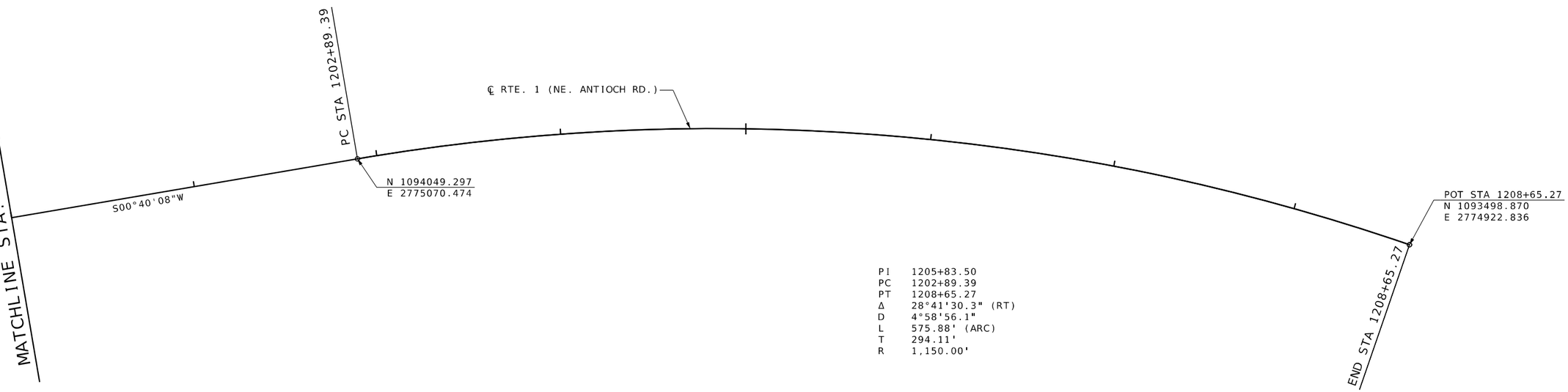
1205



PI 1205+83.50
PC 1202+89.39
PT 1208+65.27
Δ 28°41'30.3" (RT)
D 4°58'56.1"
L 575.88' (ARC)
T 294.11'
R 1,150.00'

SCALE
0 30 60 90

HORIZONTAL CONTROL PLAN
SHEET 25 OF 25

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	69

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

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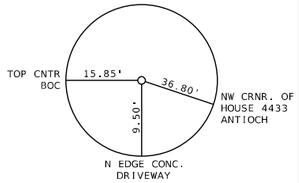
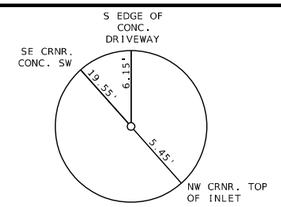
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

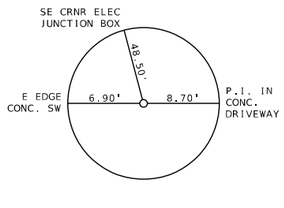
WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



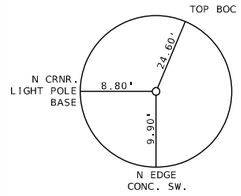
CP #201
N. 1095487.850, E. 2775131.198
STA. 1188+50.22, OFF. 43.93
ELEV. 885.13
5/8" BAR W/ALUM.
CAP STAMPED WCI 201



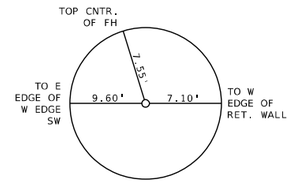
CP #202
N. 1097131.246, E. 2775145.149
STA. 1172+06.94, OFF. 45.22
ELEV. 883.76
5/8" BAR W/ALUM
CAP STAMPED WCI 202



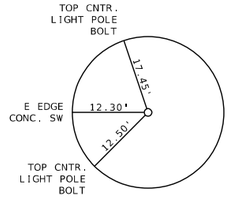
CP #203
N. 1098332.997, E. 2775154.260
STA. 1160+04.72, OFF. 41.56
ELEV. 915.78
5/8" BAR W/ALUM
CAP STAMPED WCI 203



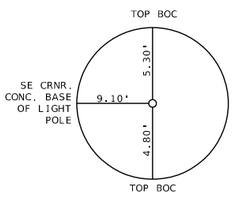
CP #204
N. 1099816.776, E. 2775193.946
STA. 1145+20.46, OFF. 54.54
ELEV. 937.39
5/8" BAR W/ALUM
CAP STAMPED WCI 204



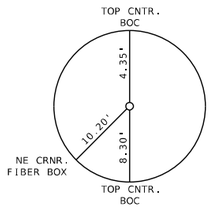
CP #205
N. 1101373.539, E. 2775210.846
STA. 1129+63.65, OFF. 43.42
ELEV. 935.36
5/8" BAR W/ALUM
CAP STAMPED WCI 205



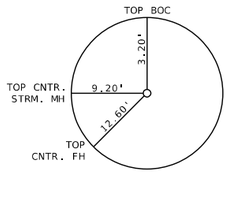
CP #206
N. 1102864.255, E. 2775246.779
STA. 1114+73.00, OFF. 64.70
ELEV. 887.98
5/8" BAR W/ALUM
CAP STAMPED WCI 206



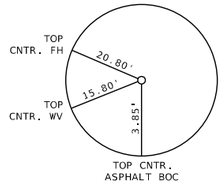
CP #207
N. 1104490.358, E. 2775266.041
STA. 1098+46.23, OFF. 64.90
ELEV. 949.82
5/8" BAR W/ALUM
CAP STAMPED WCI 207



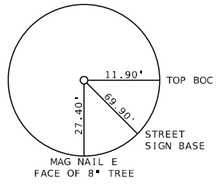
CP #208
N. 1105873.251, E. 2775272.825
STA. 1084+63.78, OFF. 54.07
ELEV. 958.73
5/8" BAR W/ALUM
CAP STAMPED WCI 208



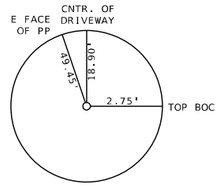
CP #209
N. 1107450.011, E. 2775289.420
STA. 1068+86.93, OFF. 52.98
ELEV. 941.59
5/8" BAR W/ALUM
CAP STAMPED WCI 209



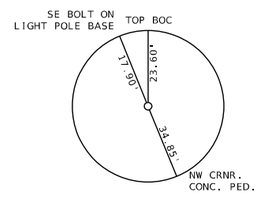
CP #210
N. 1108996.550, E. 2775322.084
STA. 1053+41.30, OFF. 83.75
ELEV. 916.14
5/8" BAR W/ALUM
CAP STAMPED WCI 210



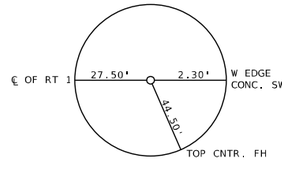
CP #211
N. 1110401.174, E. 2775139.612
STA. 1039+35.65, OFF. 90.68
ELEV. 908.66
5/8" BAR W/ALUM
CAP STAMPED WCI 211



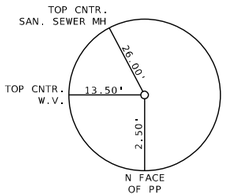
CP #212
N. 1111944.096, E. 2775335.520
STA. 1023+91.26, OFF. 103.34
ELEV. 947.44
5/8" BAR W/ALUM
CAP STAMPED WCI 212



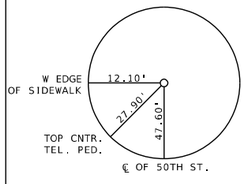
CP #213
N. 1113351.907, E. 2775323.199
STA. 1009+83.93, OFF. 64.49
ELEV. 975.76
5/8" BAR W/ALUM
CAP STAMPED WCI 213



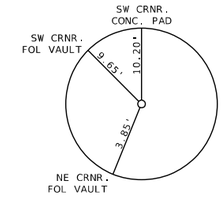
BM 301
N. 1095844.551, E. 2775118.442
STA. 1184+93.81, OFF. 28.38
ELEV. 882.91
CHISELED "□" IN NW CRNR.



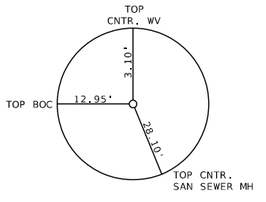
BM 302
N. 1097456.247, E. 2775150.536
STA. 1168+81.91, OFF. 48.11
ELEV. 904.16
CHISELED "□" IN
SW CRNR. INLET



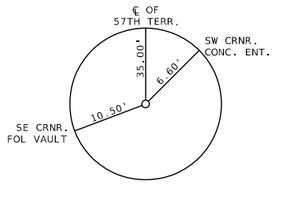
BM 303
N. 1098877.152, E. 2775176.891
STA. 1154+60.24, OFF. 54.40
ELEV. 919.23
CHISELED "□" IN TOP BOC



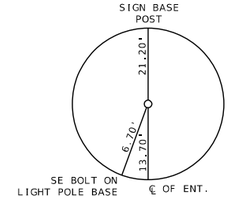
BM 304
N. 1099565.925, E. 2775183.752
STA. 1147+71.46, OFF. 48.86
ELEV. 937.24
SW CRNR. CONC. PAD



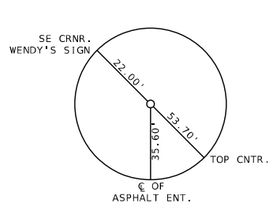
BM 305
N. 1101104.560, E. 2775203.503
STA. 1132+32.72, OFF. 40.92
ELEV. 937.39
SW NUT ON FH IN NE
CRNR ANTIOCH RD AND 53RD ST.



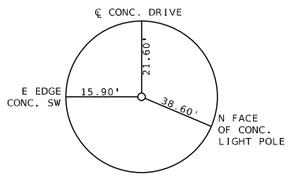
BM 306
N. 1103838.242, E. 2775245.950
STA. 1104+99.07, OFF. 54.60
ELEV. 919.77
"+" CUT ON OLD SIGN BASE
BOLT HEAD SW BOLT ON SIGN BASE



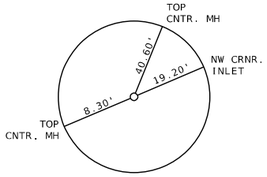
BM 307
N. 1105362.809, E. 2775257.017
STA. 1089+74.36, OFF. 43.99
ELEV. 962.56
CHISELED "□" TOBC
ENT. AT SECURITY BANK



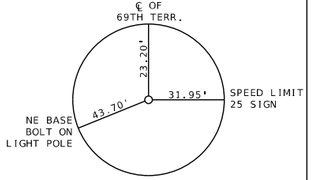
BM 308
N. 1107068.743, E. 2775314.110
STA. 1072+67.90, OFF. 81.95
ELEV. 949.76
"+" CUT ON BOC IN
SW CRNR. WENDY'S



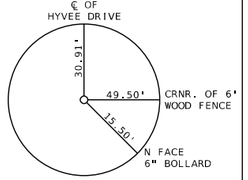
BM 309
N. 1108520.984, E. 2775307.395
STA. 1058+16.45, OFF. 63.08
ELEV. 937.62
"□" CUT ON BOC



BM 310
N. 1110056.952, E. 2775291.455
STA. 1042+80.74, OFF. 59.19
ELEV. 902.87
"□" CUT ON BOC
@ 67TH TERR./RT 1



BM 311
N. 1111660.722, E. 2775306.220
STA. 1026+76.15, OFF. 76.84
ELEV. 949.05
RR SPIKE IN
W FACE P.P.



BM 312
N. 1112776.989, E. 2775305.275
STA. 1015+59.09, OFF. 57.40
ELEV. 966.35
"□" CUT IN NW
CRNR. CURB INLET

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
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7.0

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DATE	DESCRIPTION
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Fax (816) 942-3013
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								
8	1015+59.09	RTE. 1	57.40	1112776.989	2775305.275	966.35	BM 312 "□" CUT IN NW CRNR CURB INLET	312
12	1026+76.15	RTE. 1	76.84	1111660.722	2775306.220	949.05	BM 311 RR SPIKE IN WEST FACE PP	311
18	1042+80.74	RTE. 1	59.19	1110056.952	2775291.455	902.87	BM 310 "□" CUT ON BOC 67TH TERR./ RTE 1	310
24	1058+16.45	RTE. 1	63.08	1108520.984	2775307.395	937.62	BM 309 "□" CUT ON BOC	309
29	1072+67.90	RTE. 1	81.95	1107068.743	2775314.110	949.76	BM 308 "+" CUT ON BOC IN SE CRNR WENDYS	308
32	1089+74.36	RTE. 1	43.99	1105362.809	2775257.017	962.56	BM 307 CHISLED "□" TOBC ENT. AT SECURTY BANK	307
35	1104+99.07	RTE. 1	54.60	1103838.242	2775245.950	919.77	BM 306 "+" CUT ON OLD SIGN BASE BOLT HEAD SW BOLT ON SIGN BASE	306
40	1132+32.72	RTE. 1	40.92	1101104.560	2775203.503	937.39	BM 305 SW NUT ON FH IN NE CRNR ANTIOCH RD. & 53RD ST.	305
43	1147+71.46	RTE. 1	48.86	1099565.925	2775183.752	937.24	BM 304 SW CRNR CONC PAD	304
44	1154+60.24	RTE. 1	54.40	1098877.152	2775176.891	919.23	BM 303 CHISLED "□" IN TOP BOC	303
47	1168+81.91	RTE. 1	48.11	1097456.247	2775150.536	904.16	BM 302 CHISLED "□" IN SW CRNR INLET	302
50	1184+93.81	RTE. 1	28.38	1095844.551	2775118.442	882.91	BM 301 CHISLED "□" IN NW CRNR	301
6	1009+83.93	RTE. 1	64.49	1113351.907	2775323.199	975.76	CP #213 5/8" BAR W/ALUM CAP STAMPED WCI 213	213
12	1023+91.26	RTE. 1	103.34	1111944.096	2775335.520	947.44	CP #212 5/8" BAR W/ALUM CAP STAMPED WCI 212	212
18	1039+35.65	RTE. 1	90.68	1110401.174	2775139.612	908.66	CP #211 5/8" BAR W/ALUM CAP STAMPED WCI 211	211
22	1053+41.30	RTE. 1	83.75	1108996.550	2775322.084	916.14	CP #210 5/8" BAR W/ALUM CAP STAMPED WCI 210	210
28	1068+86.93	RTE. 1	52.98	1107450.011	2775289.420	941.59	CP #209 5/8" BAR W/ALUM CAP STAMPED WCI 209	209
31	1084+63.78	RTE. 1	54.07	1105873.251	2775272.825	958.73	CP #208 5/8" BAR W/ALUM CAP STAMPED WCI 208	208
34	1098+46.23	RTE. 1	64.90	1104490.358	2775266.041	949.82	CP #207 5/8" BAR W/ALUM CAP STAMPED WCI 207	207
37	1114+73.00	RTE. 1	64.70	1102864.255	2775246.779	887.98	CP #206 5/8" BAR W/ALUM CAP STAMPED WCI 206	206
39	1129+63.65	RTE. 1	43.42	1101373.539	2775210.846	935.36	CP #205 5/8" BAR W/ALUM CAP STAMPED WCI 205	205
42	1145+20.46	RTE. 1	54.54	1099816.776	2775193.946	937.39	CP #204 5/8" BAR W/ALUM CAP STAMPED WCI 204	204
45	1160+04.72	RTE. 1	41.56	1098332.997	2775154.260	915.78	CP #203 5/8" BAR W/ALUM CAP STAMPED WCI 203	203
47	1172+06.94	RTE. 1	45.22	1097131.246	2775145.149	883.76	CP #202 5/8" BAR W/ALUM CAP STAMPED WCI 202	202
50	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

COORDINATE POINTS
SHEET 1 OF 1

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GARRETT J. LUST
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ROUTE	STATE
1	MO
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CONTRACT ID. .
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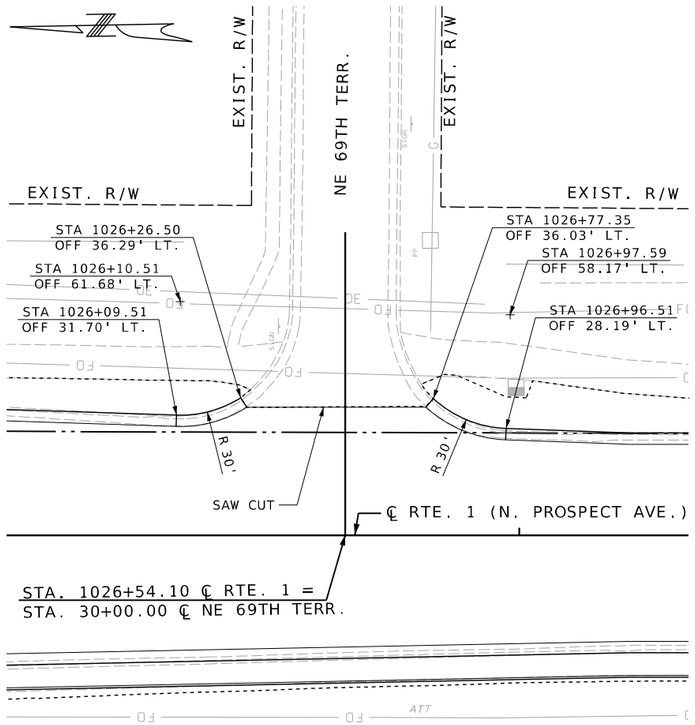
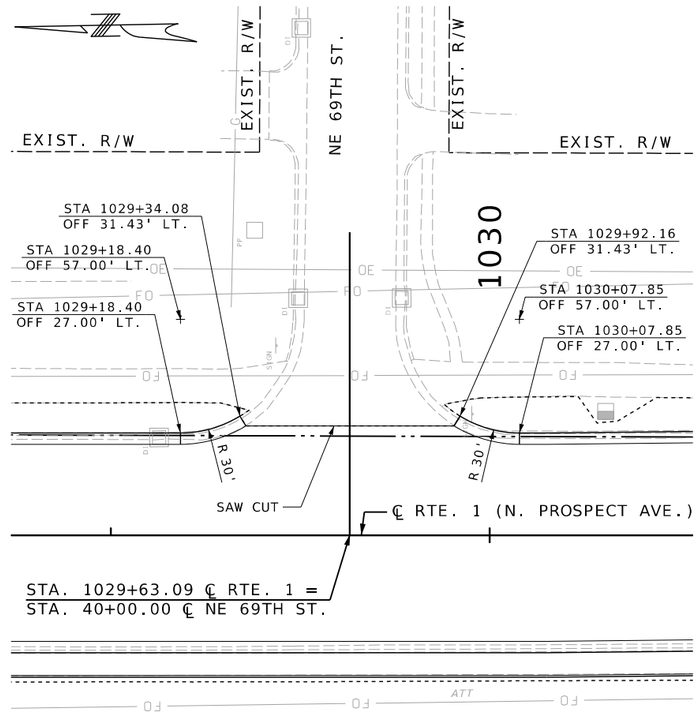
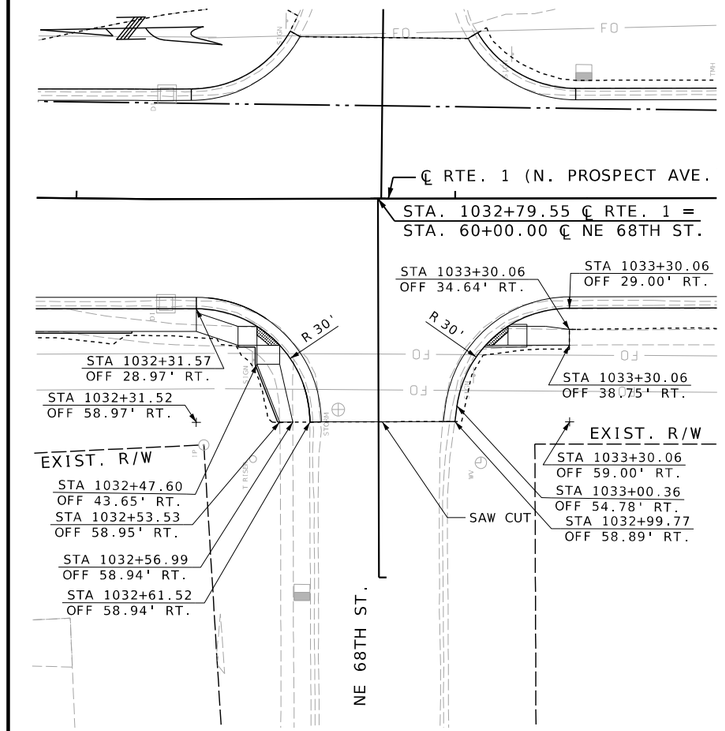
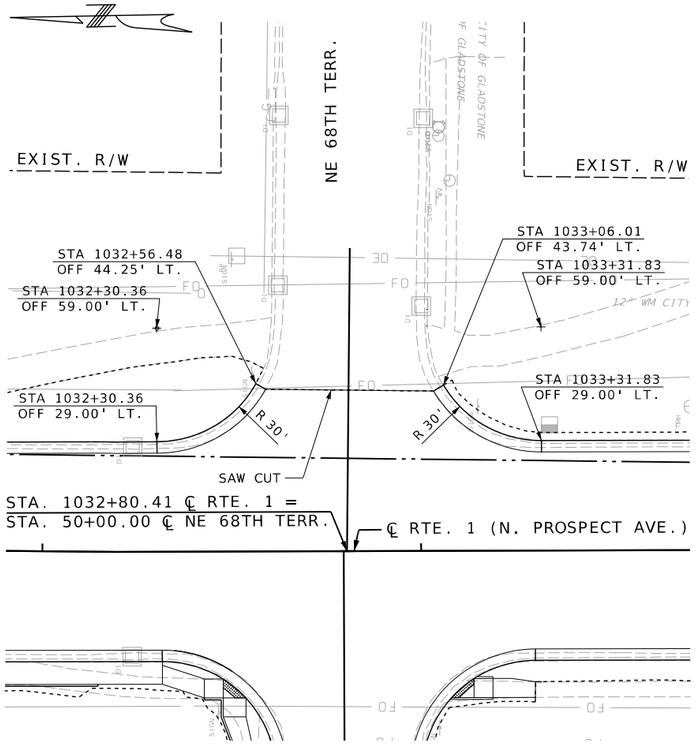
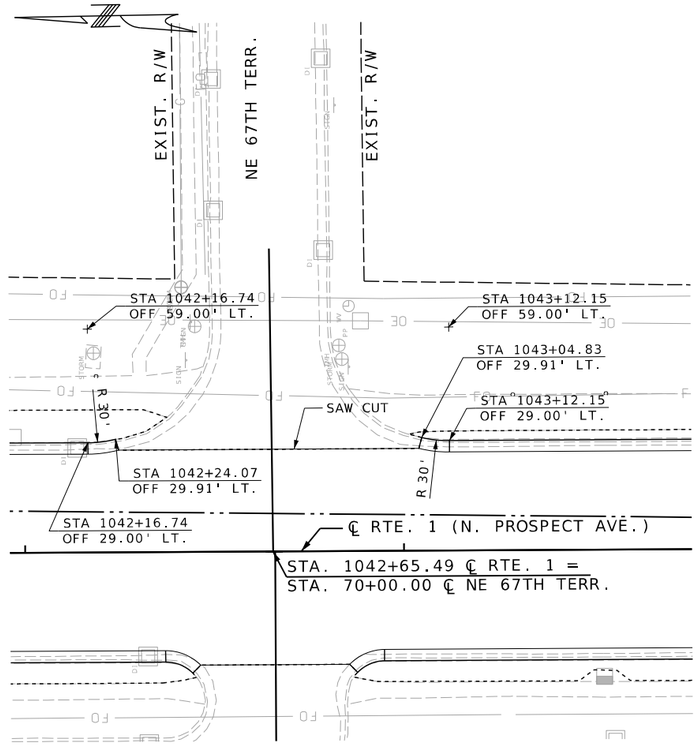
Missouri Cert. of Authority #2003007599

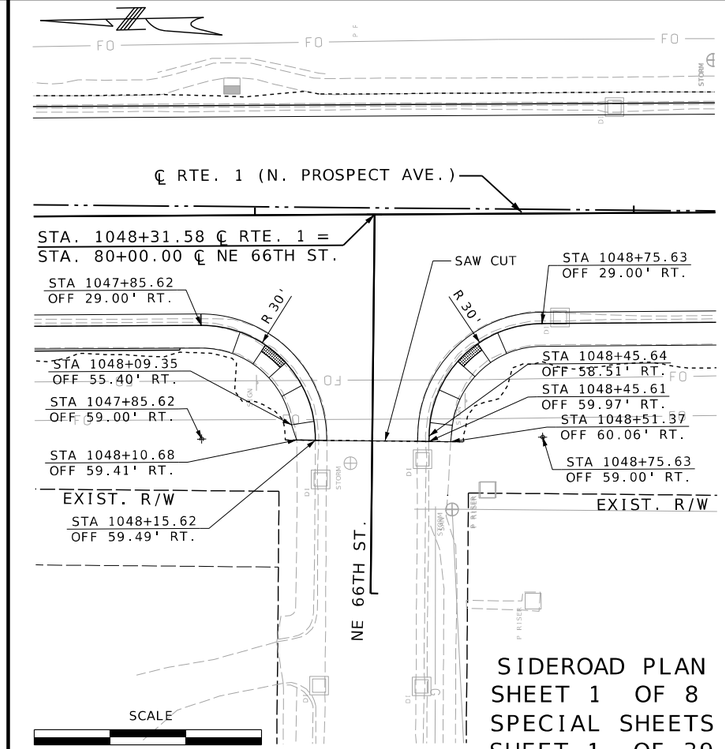












SIDEROAD PLAN
SHEET 1 OF 8
SPECIAL SHEETS
SHEET 1 OF 39

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

DATE PREPARED	
3/30/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7-2
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION	DATE
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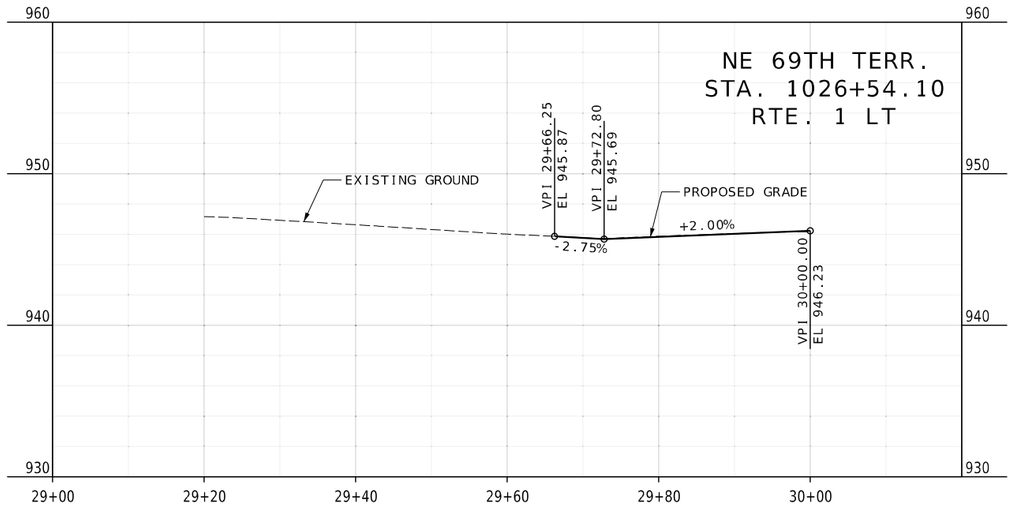
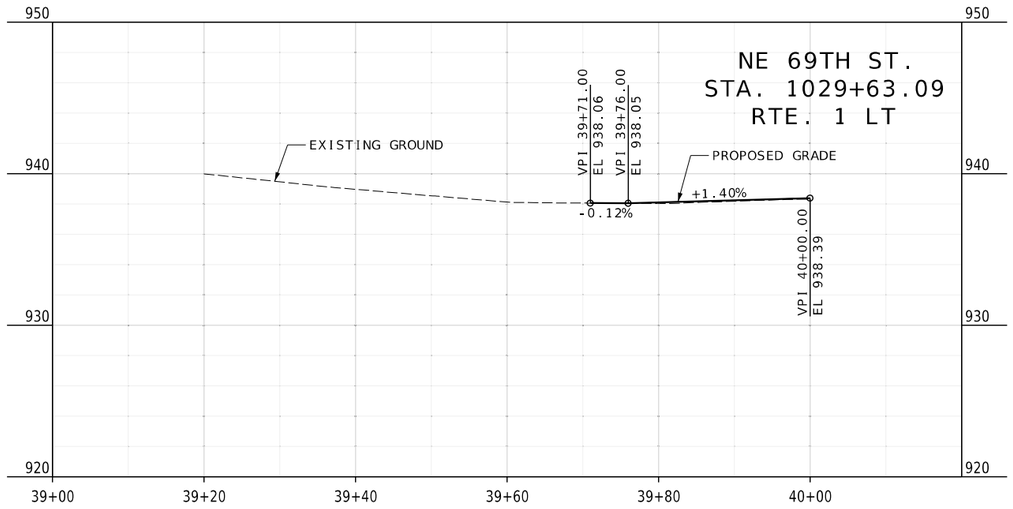
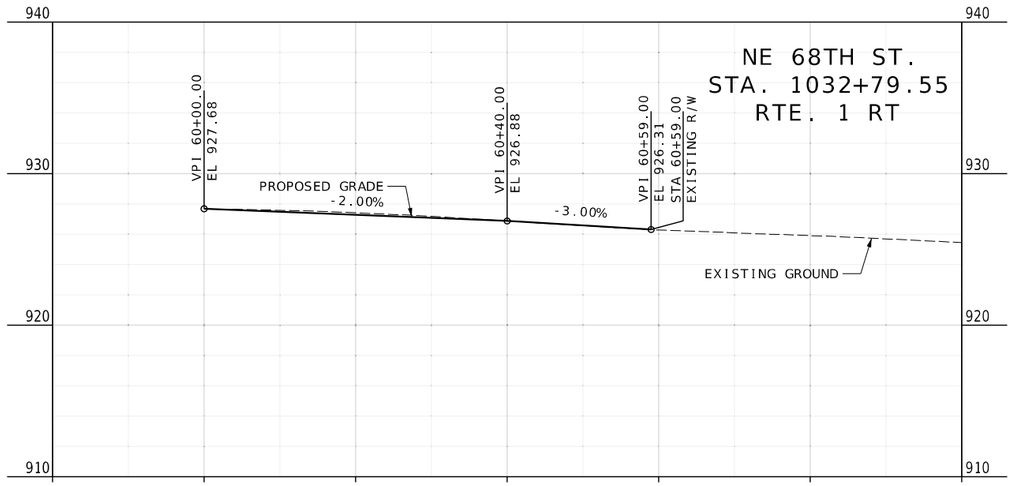
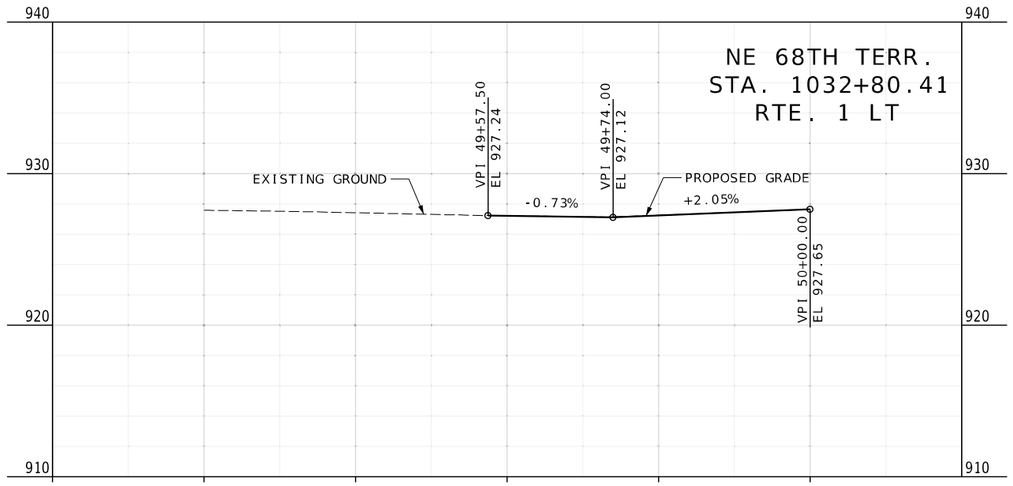
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

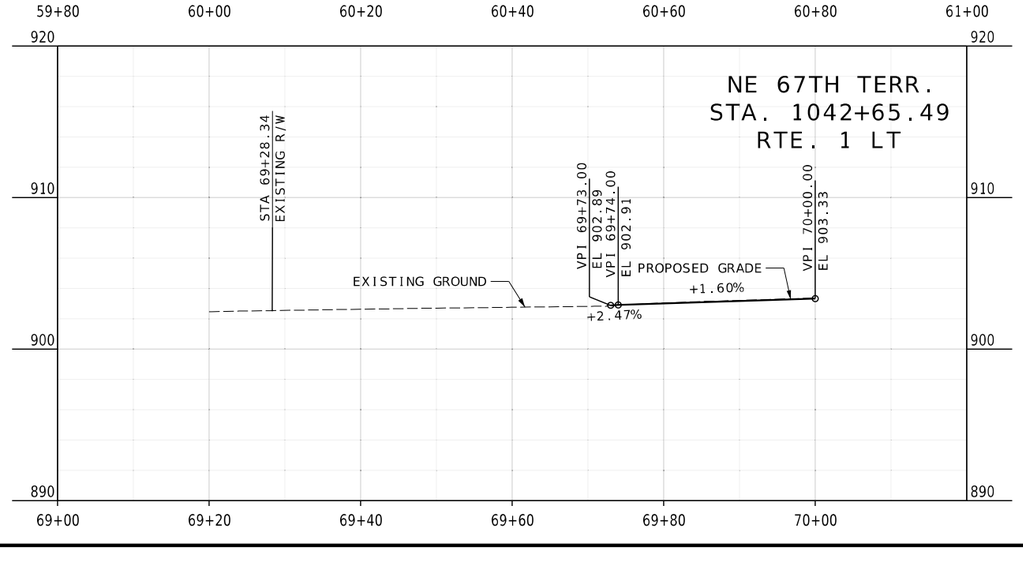
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

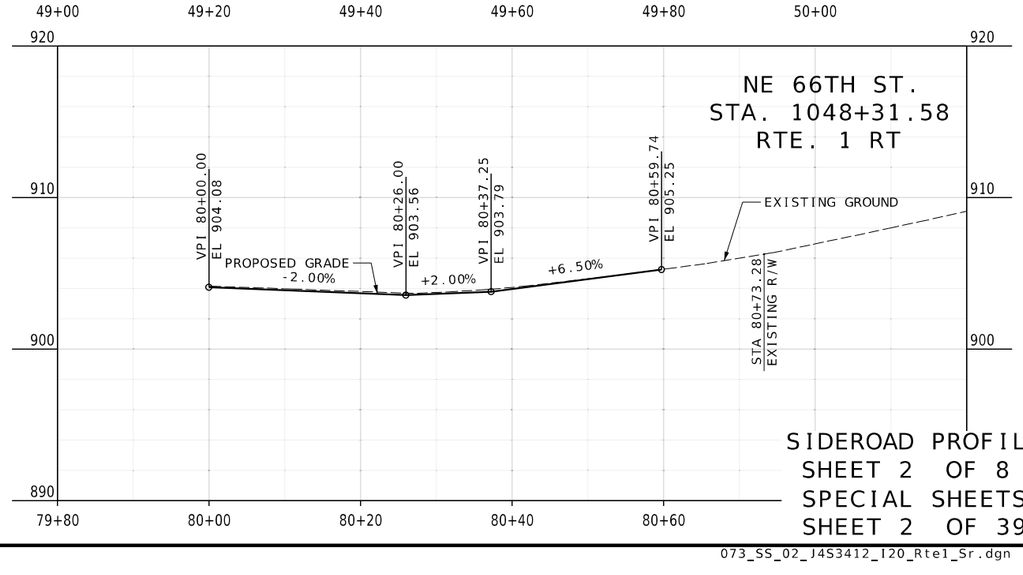












SIDEROAD PROFILE
SHEET 2 OF 8
SPECIAL SHEETS
SHEET 2 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7.3

COUNTY
CLAY

JOB NO.
J4S3412

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
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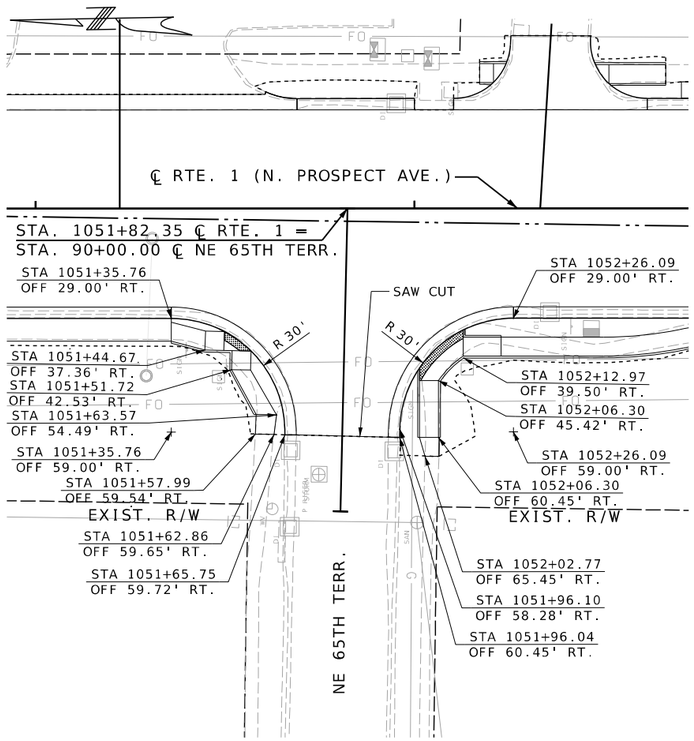
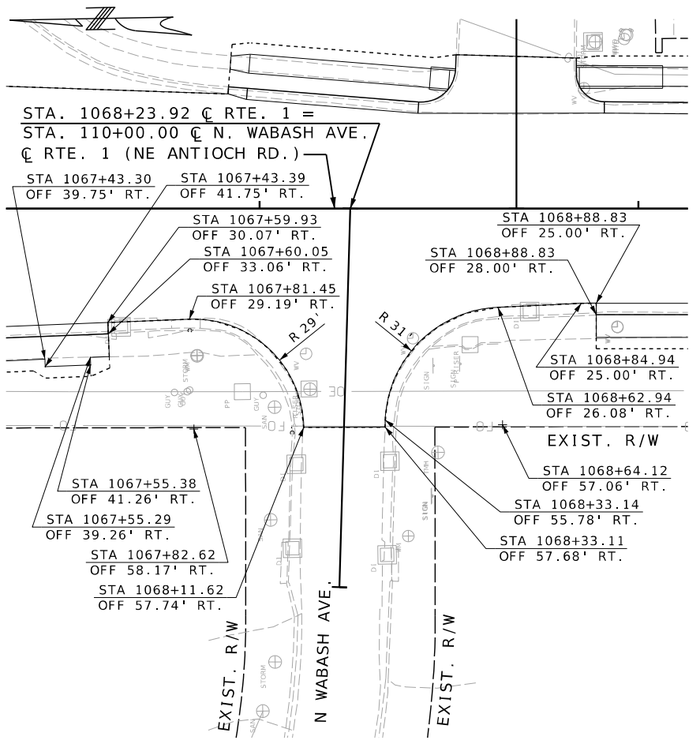
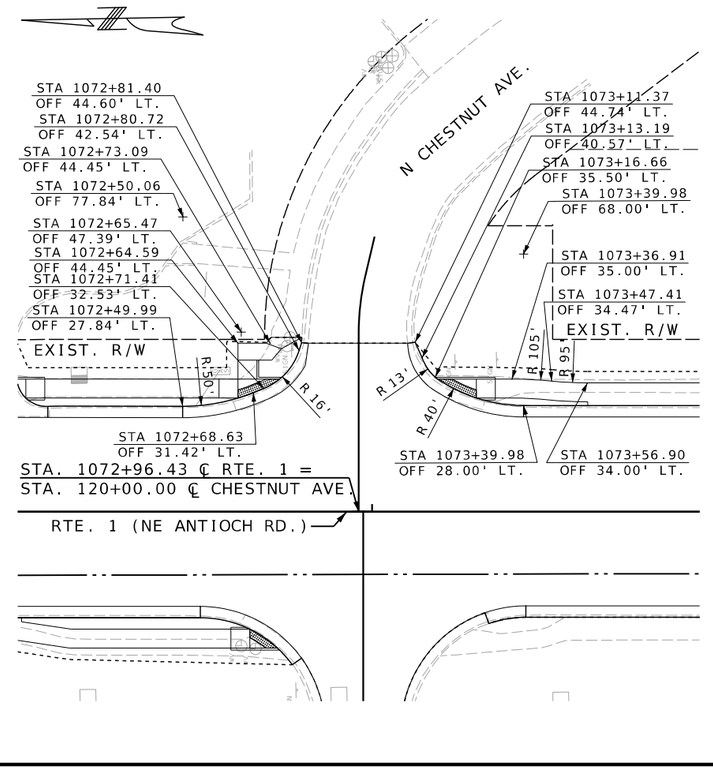
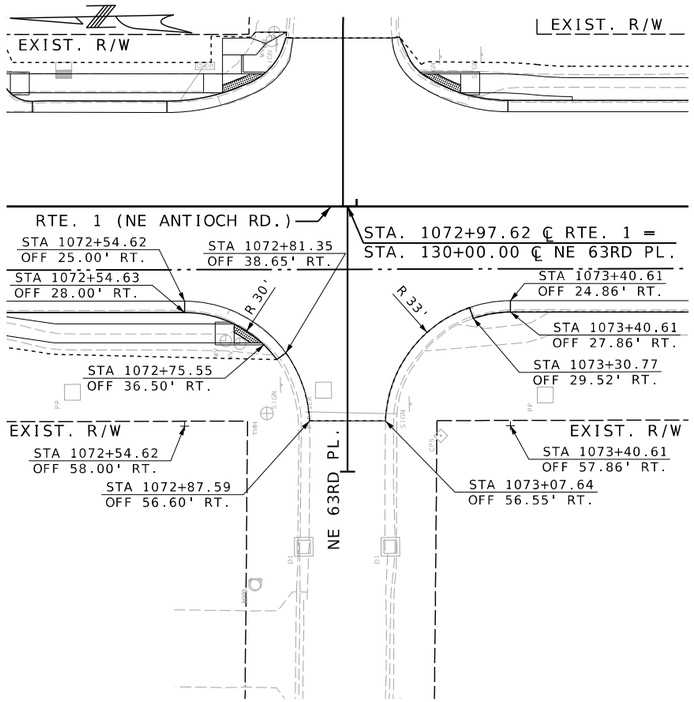
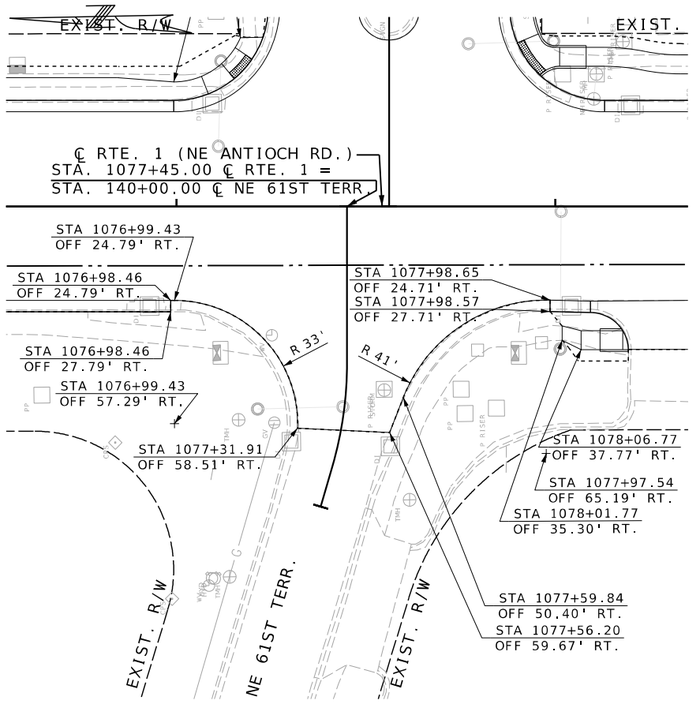
ENGINEERS & ARCHITECTS

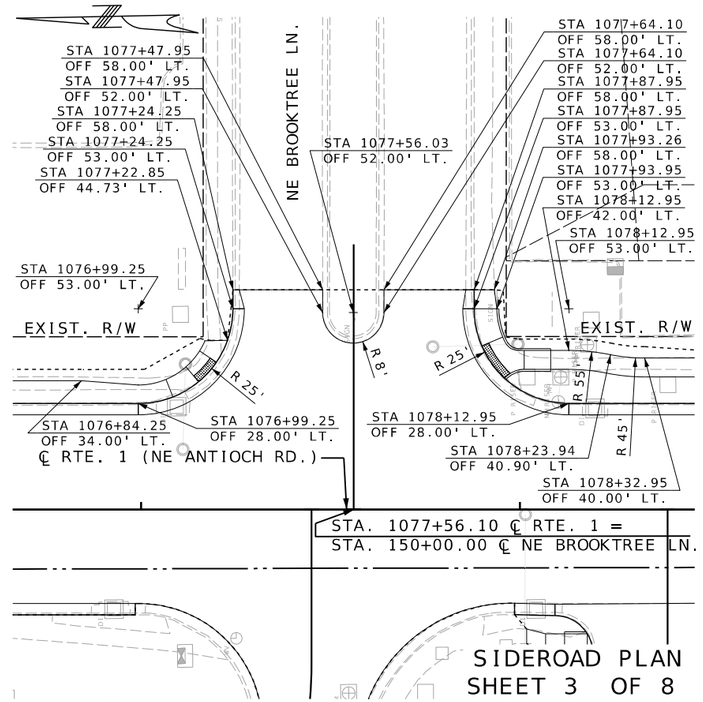












SIDEROAD PLAN
SHEET 3 OF 8
SPECIAL SHEETS
SHEET 3 OF 39

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

DATE PREPARED	
3/30/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	74
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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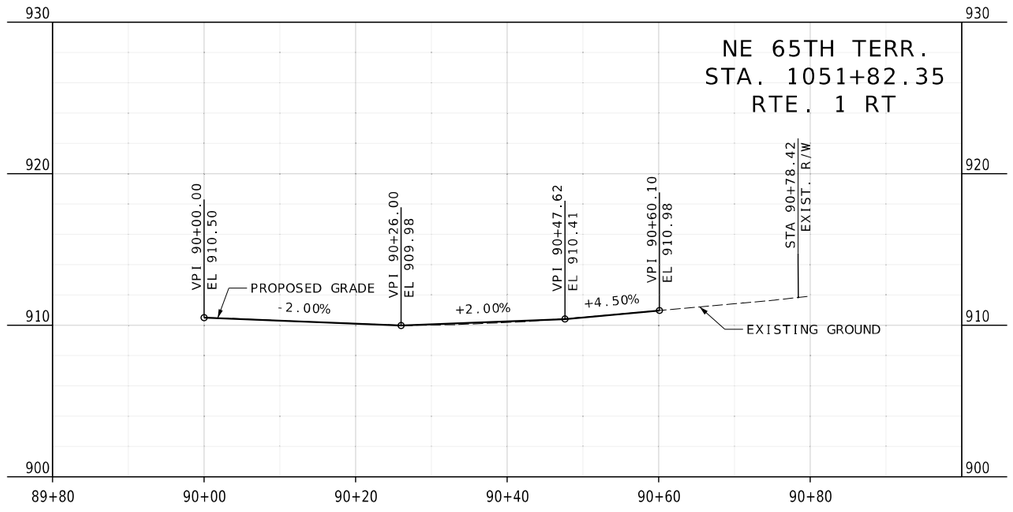

SIDEROAD PROFILE
SHEET 4 OF 8
SPECIAL SHEETS
SHEET 4 OF 39

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	75

COUNTY
CLAY

JOB NO.
J4S3412

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
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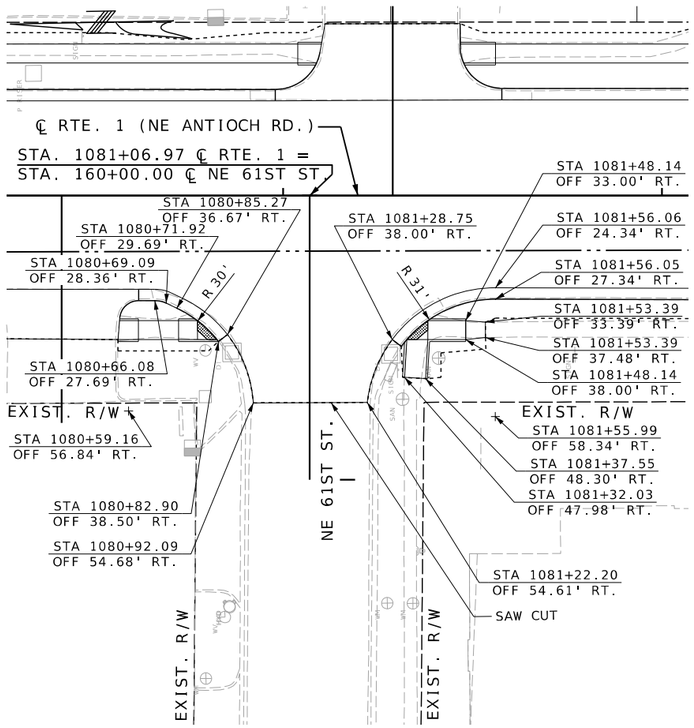

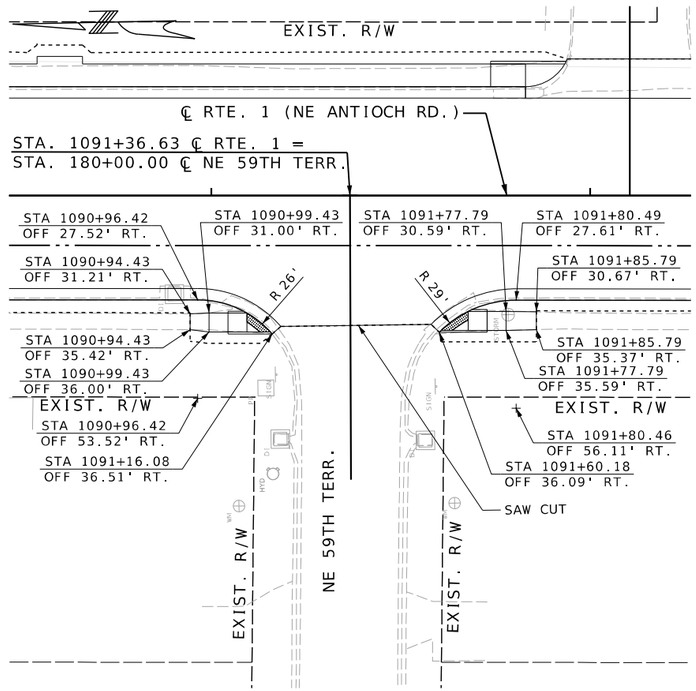

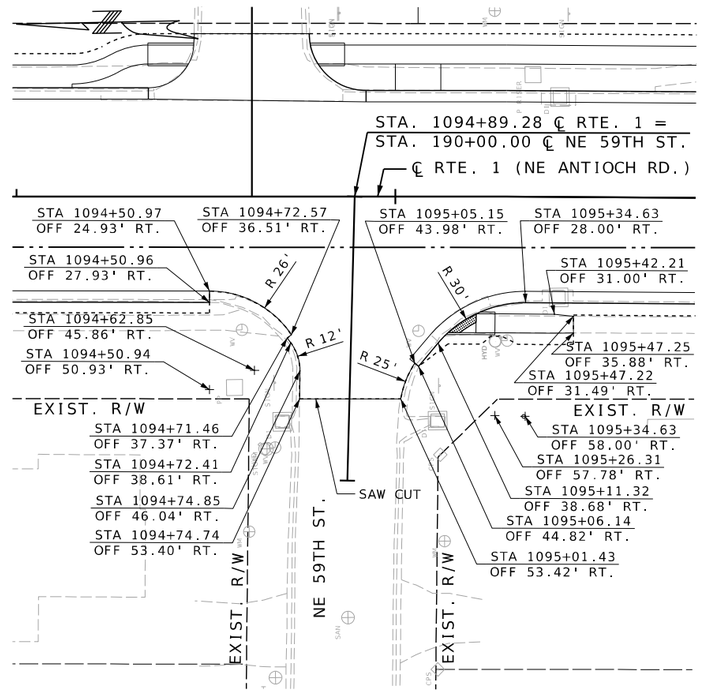

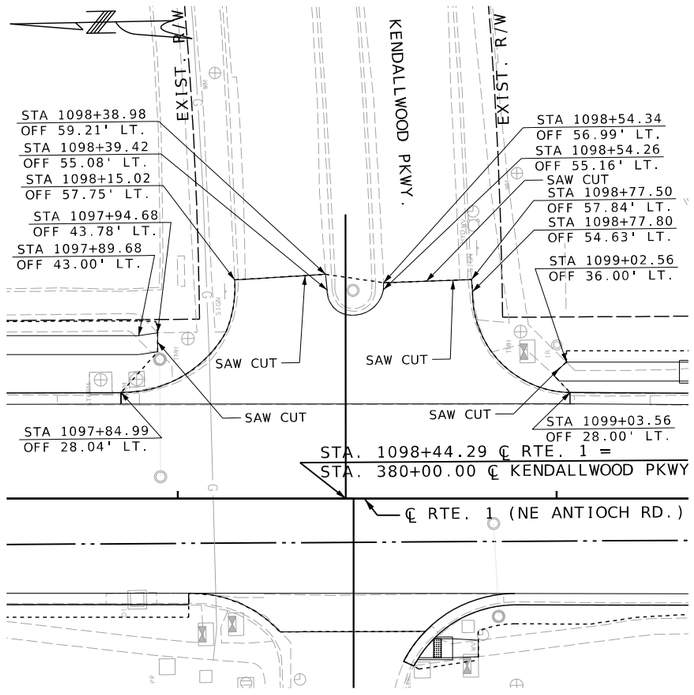

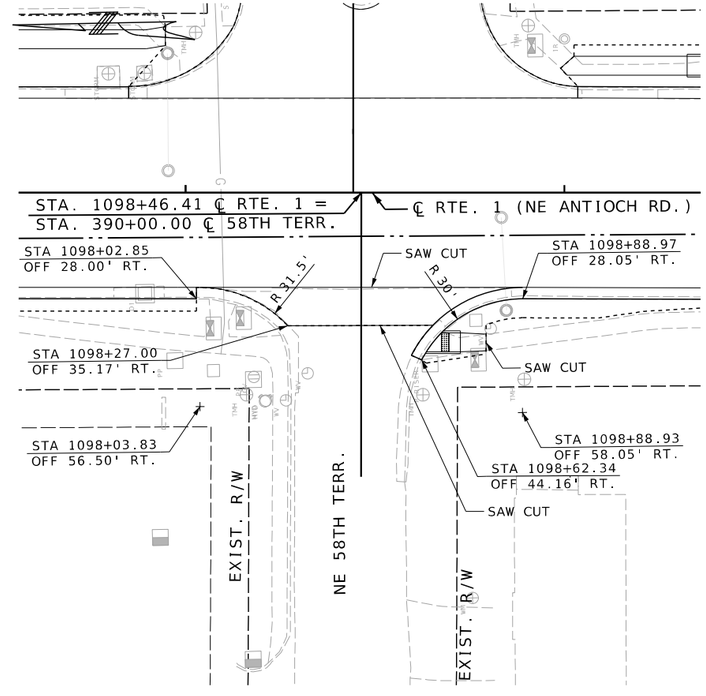

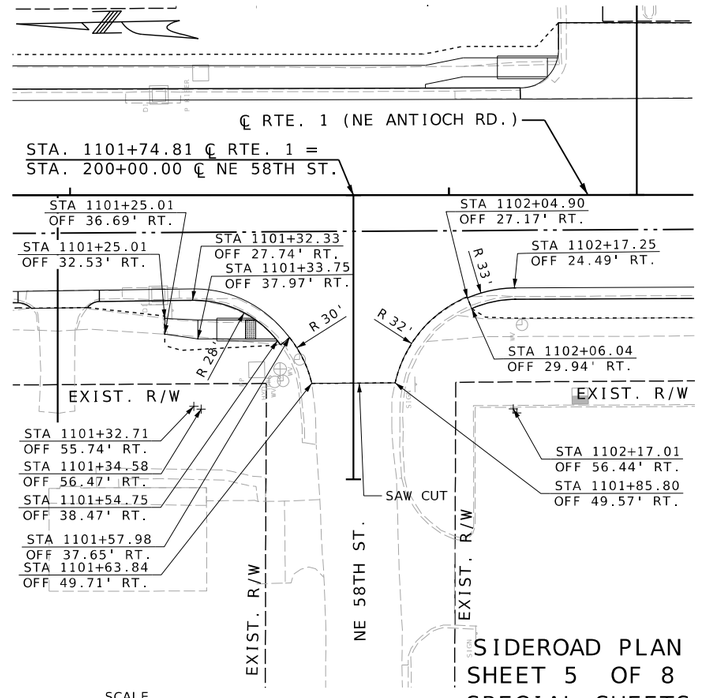

SCALE
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SIDEROAD PLAN
SHEET 5 OF 8
SPECIAL SHEETS
SHEET 5 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	76

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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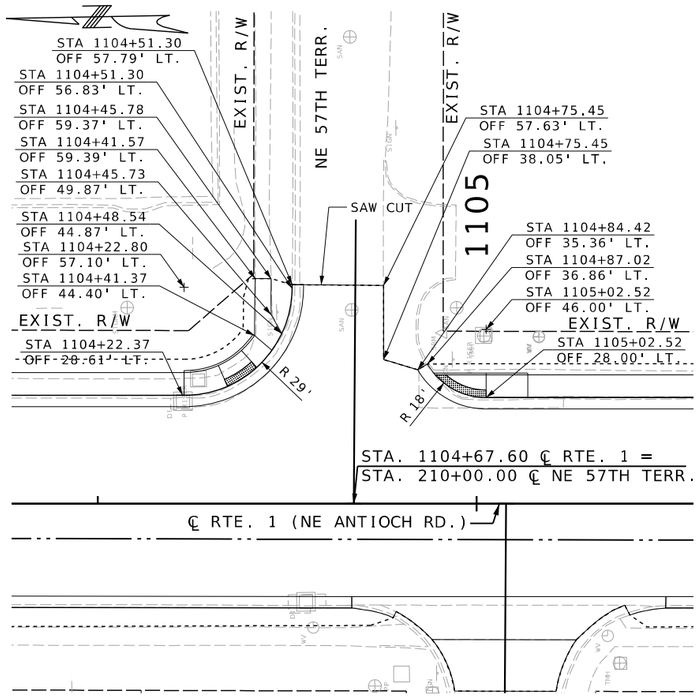

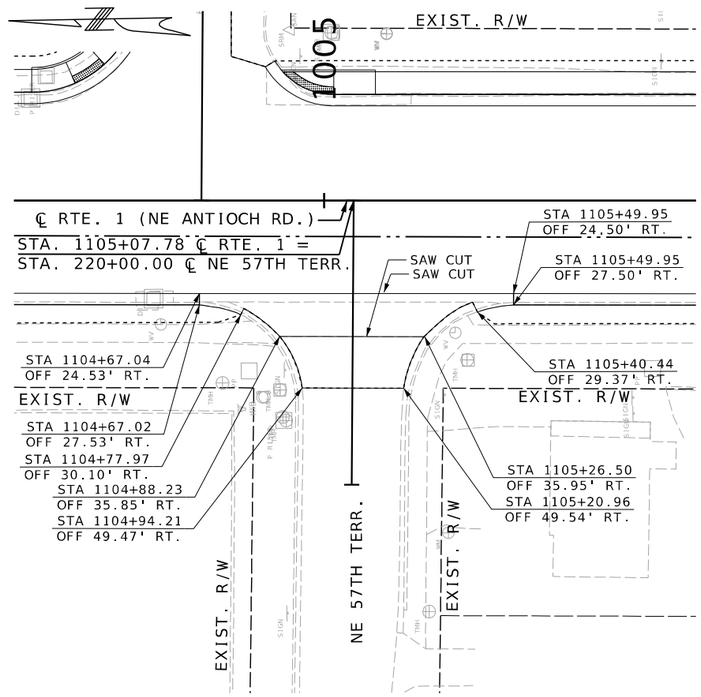

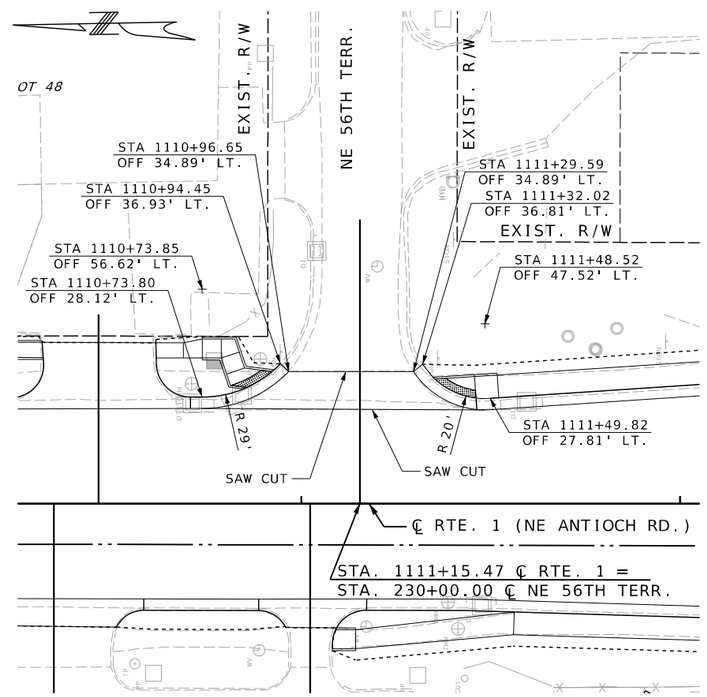

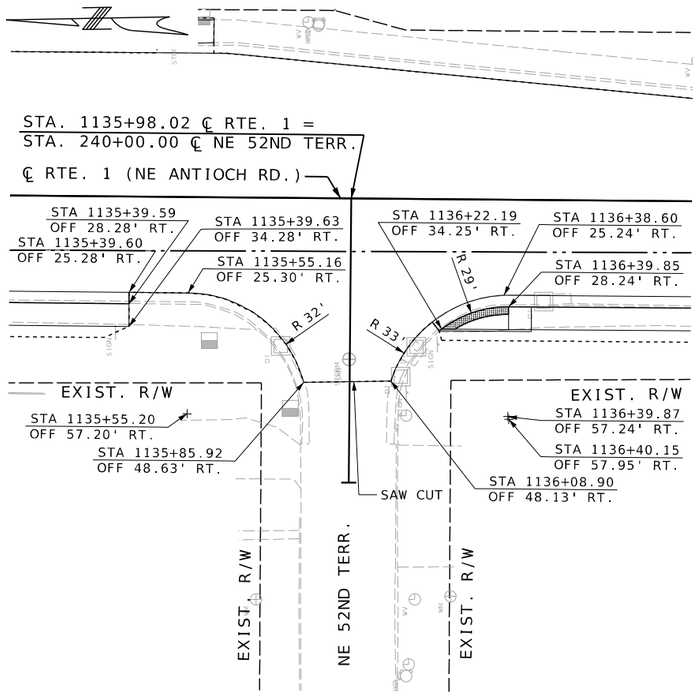

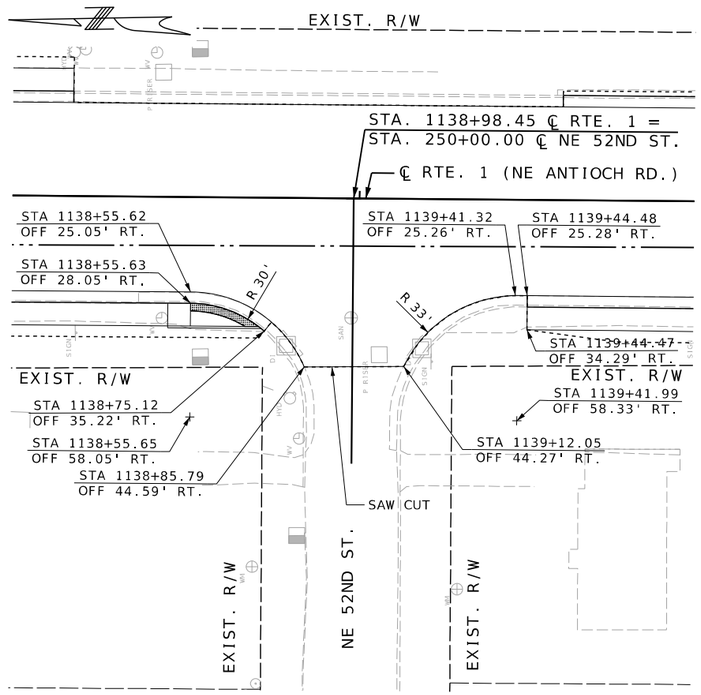

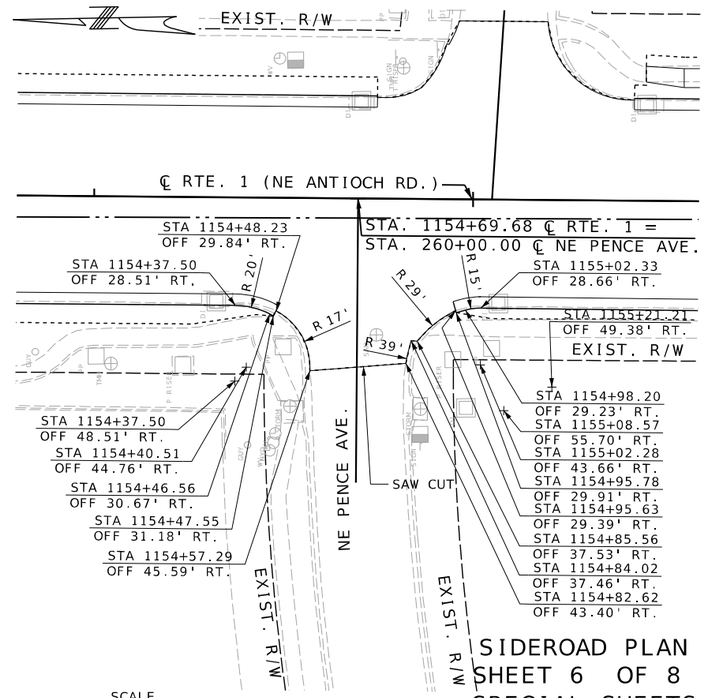

SCALE
0 20 40 60

SIDEROAD PLAN
SHEET 6 OF 8
SPECIAL SHEETS
SHEET 6 OF 39

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

DATE PREPARED	
3/30/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7-7
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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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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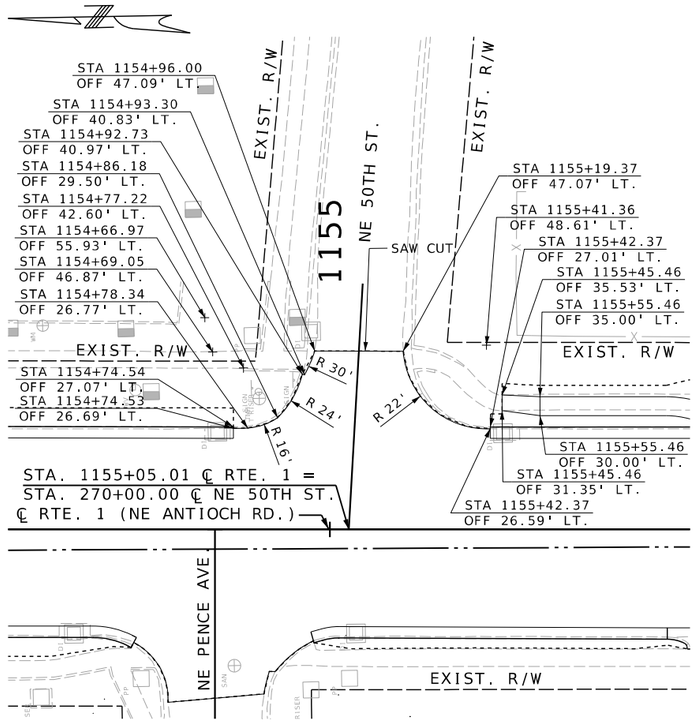

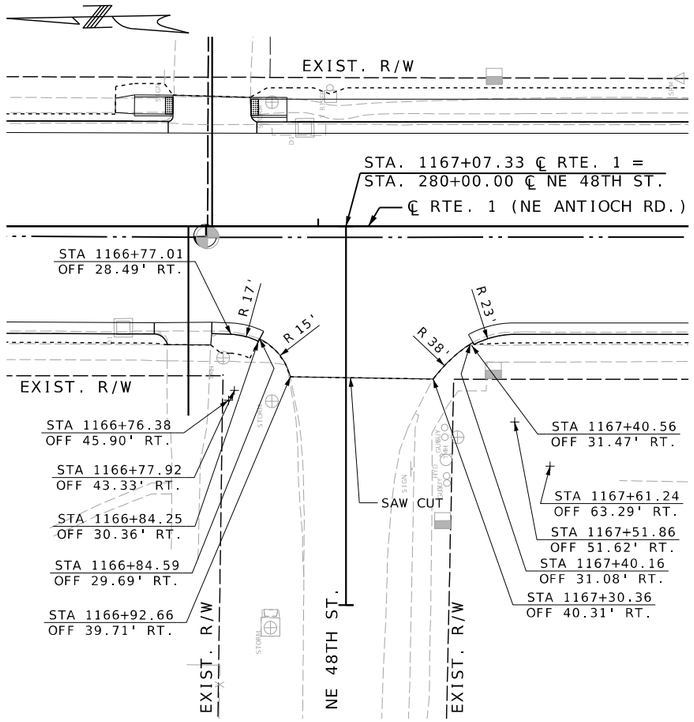

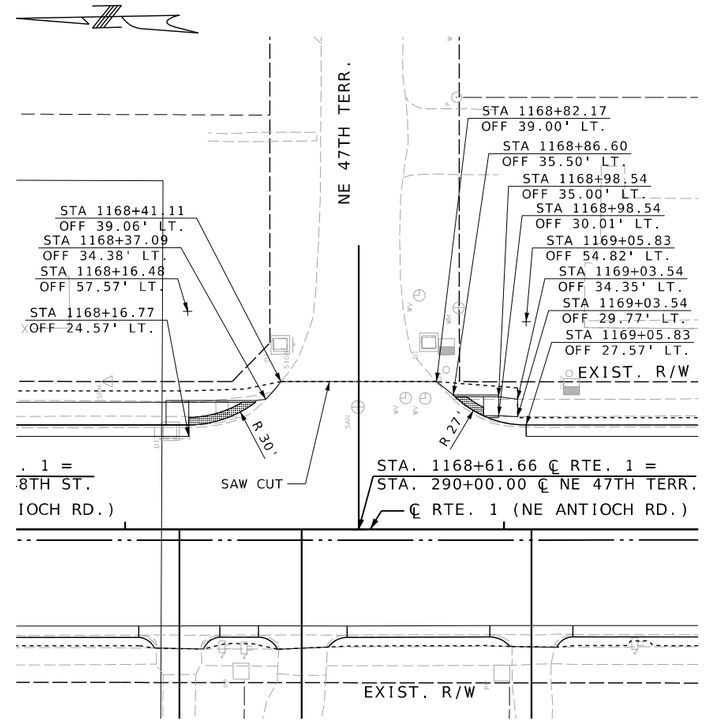

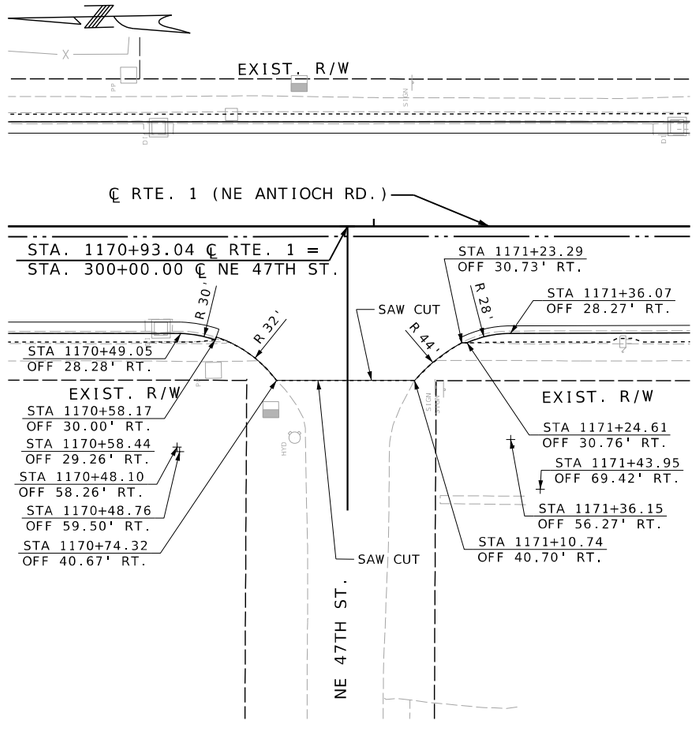

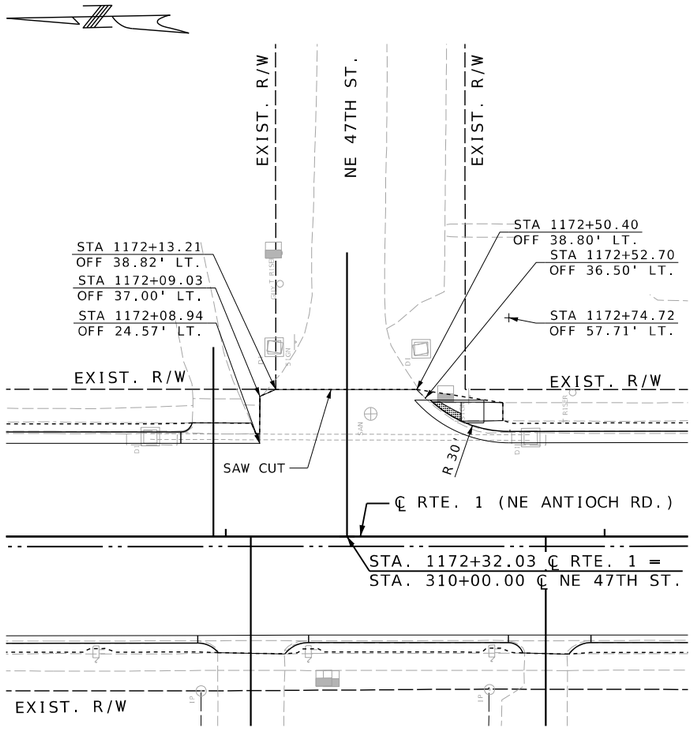

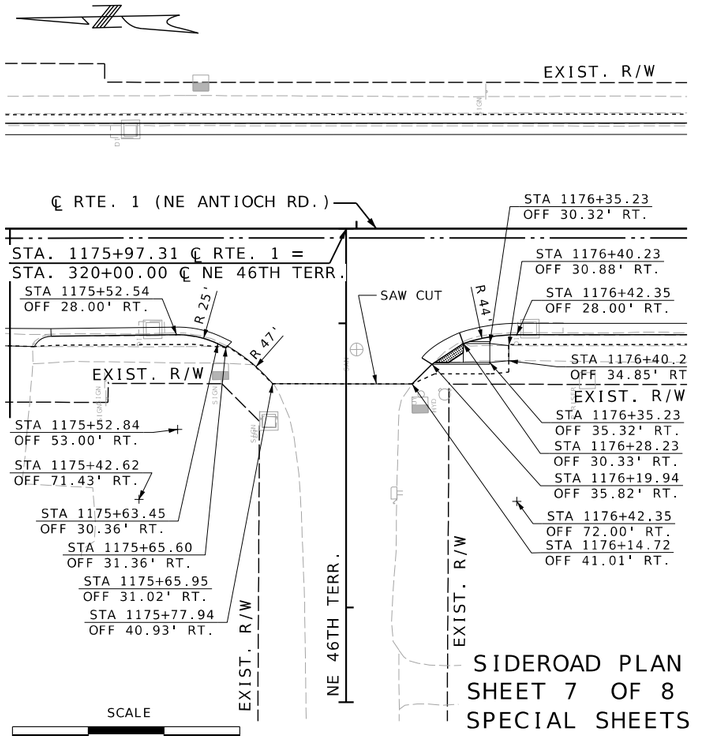

STATE OF MISSOURI
GARRETT J. LUST
NUMBER PE-2020003310
PROFESSIONAL ENGINEER
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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	7 8

COUNTY
CLAY

JOB NO.
J4S3412

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
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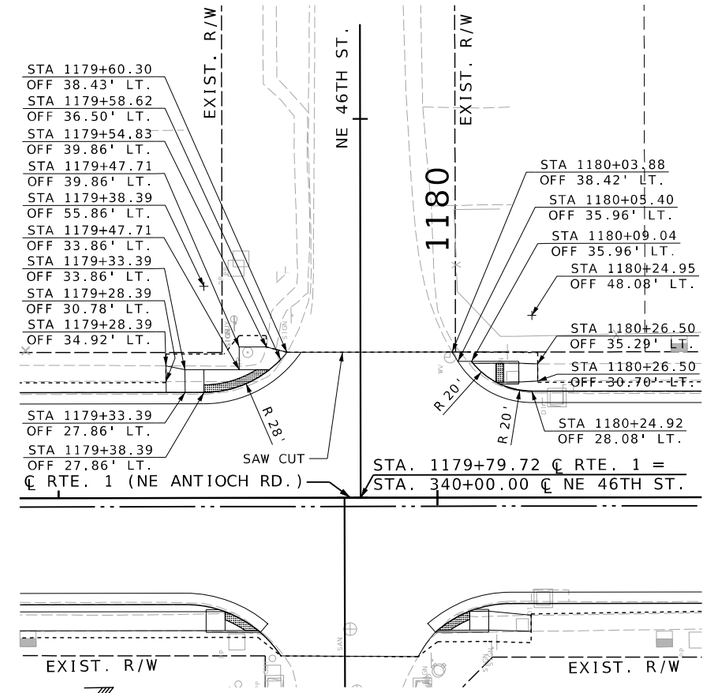
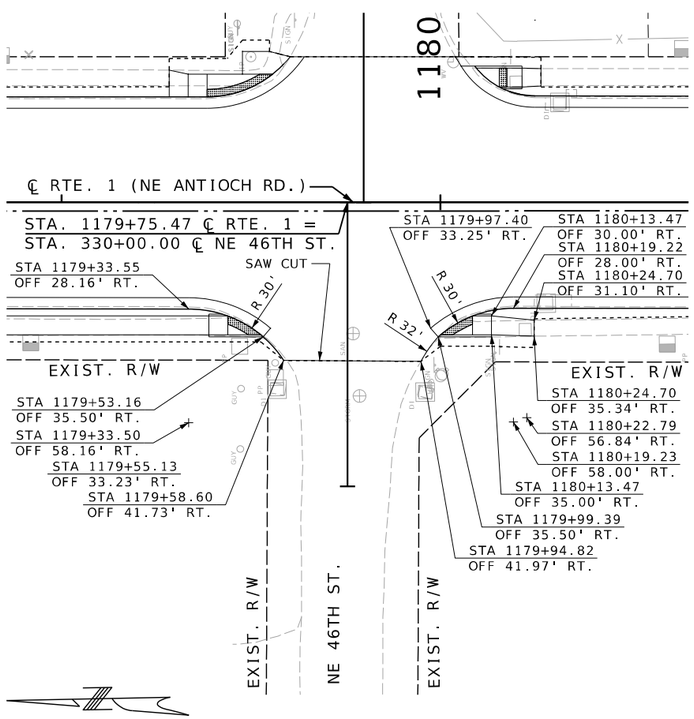
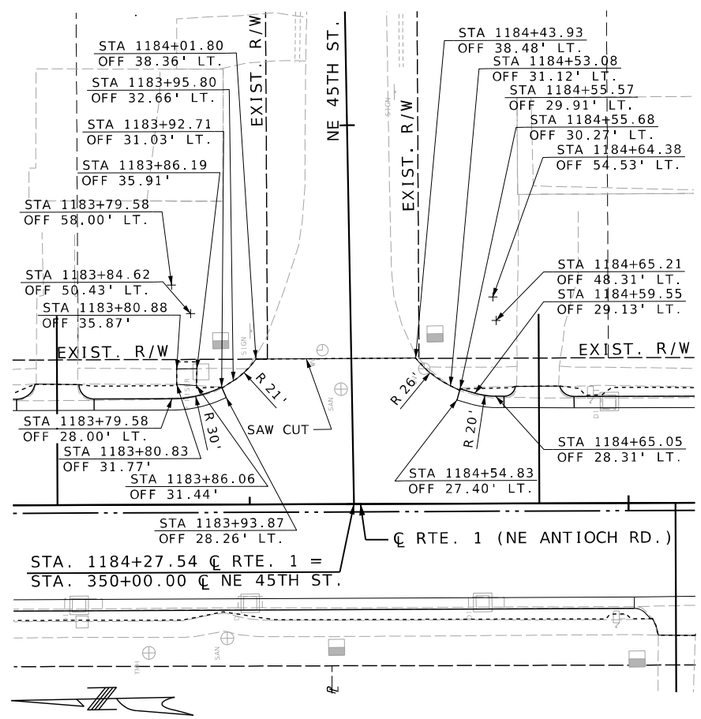
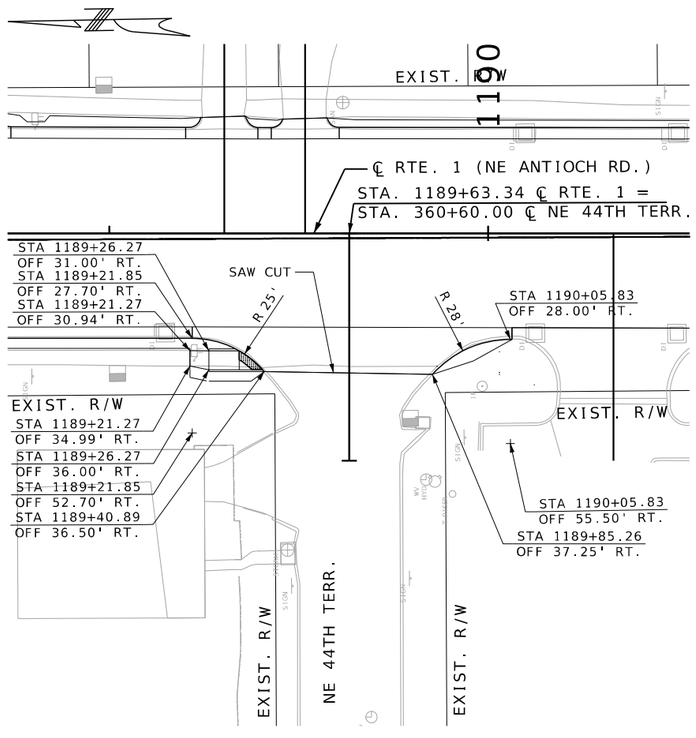
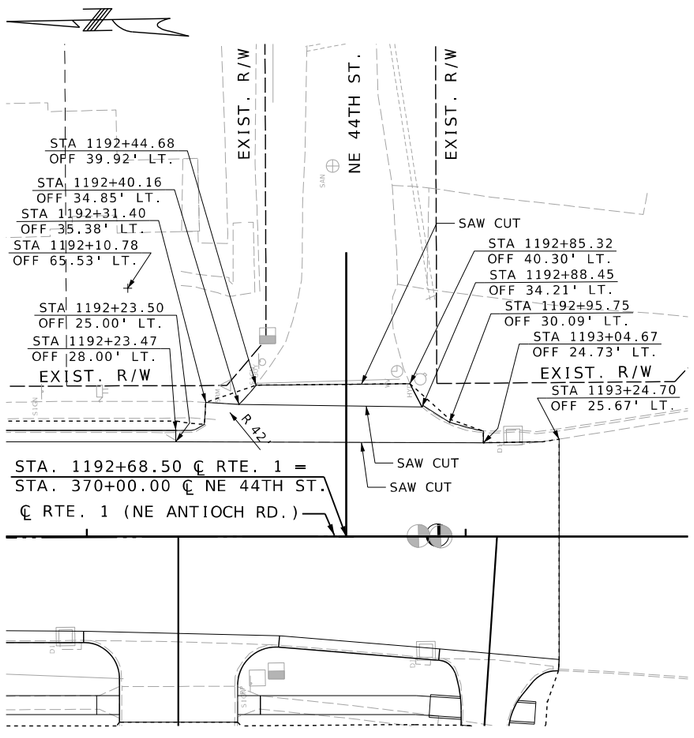
SIDEROAD PLAN
SHEET 7 OF 8
SPECIAL SHEETS
SHEET 7 OF 39











SCALE
0 20 40 60

SIDEROAD PLAN
SHEET 8 OF 8
SPECIAL SHEETS
SHEET 8 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	79

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

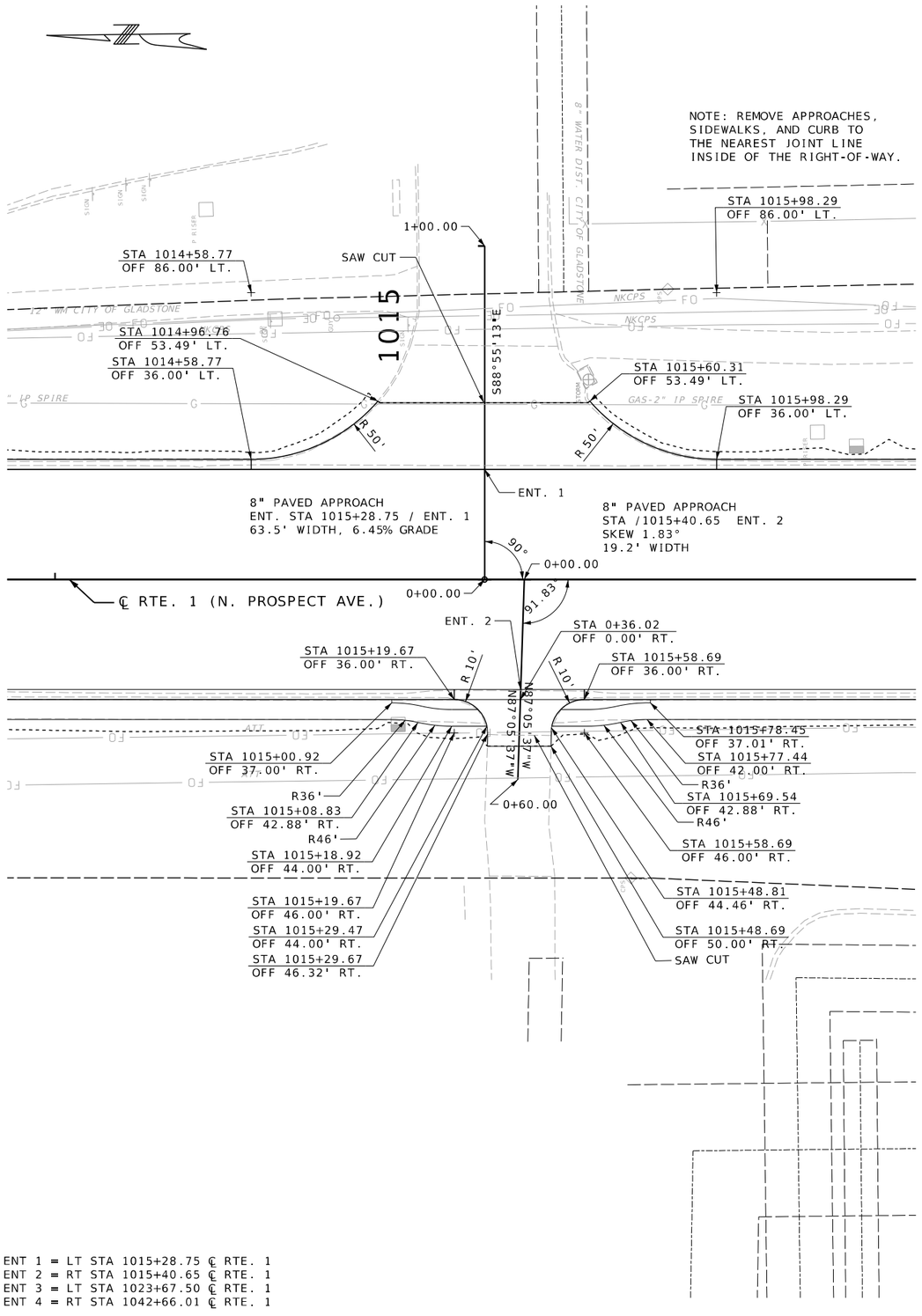
PROJECT NO.
.

BRIDGE NO.
.

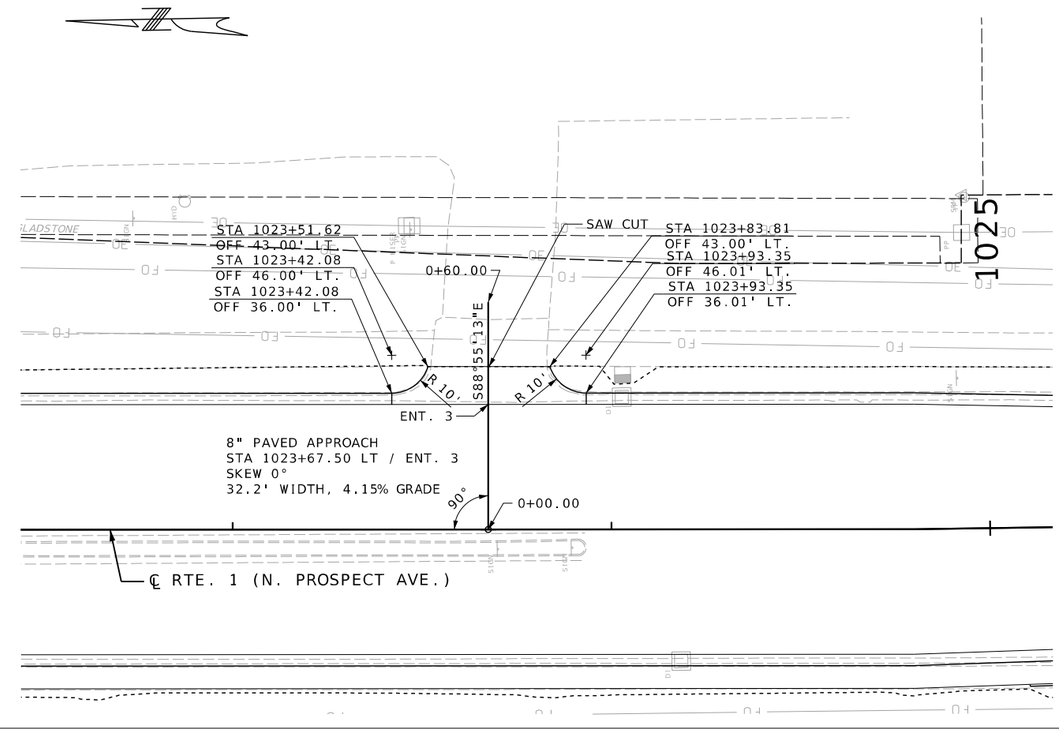
DESCRIPTION	DATE
.	.

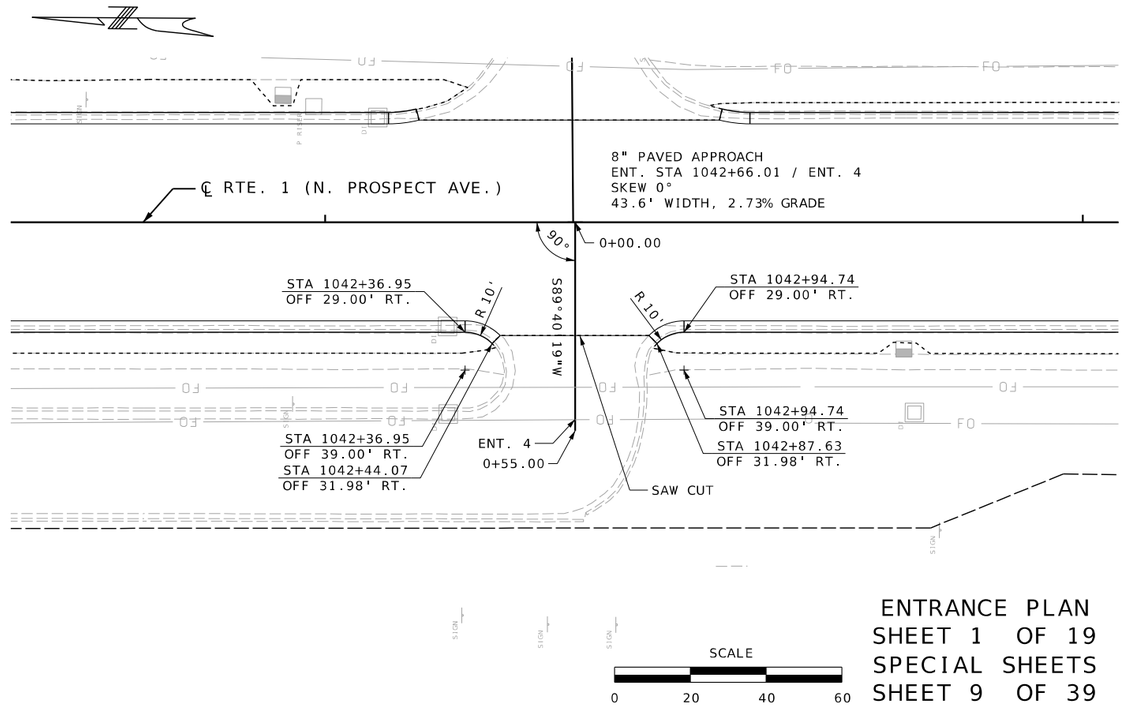
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



ENT 1 = LT STA 1015+28.75 ℄ RTE. 1
ENT 2 = RT STA 1015+40.65 ℄ RTE. 1
ENT 3 = LT STA 1023+67.50 ℄ RTE. 1
ENT 4 = RT STA 1042+66.01 ℄ RTE. 1





SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 1 OF 19
SPECIAL SHEETS
SHEET 9 OF 39

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

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	80
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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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)

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

8" PAVED APPROACH
ENT. STA 1051+22.20 / ENT. 5
SKEW 0°
76.1' WIDTH, 2.22% GRADE

STA 1050+76.52
OFF 49.00' LT.
STA 1050+84.72
OFF 30.76' LT.
STA 1050+76.52
OFF 29.00' LT.

1050

0+60.00
SAW CUT
N89°40'19"E
ENT. 5
0+00.00
90°
R 20'

STA 1052+25.49
OFF 45.61' LT.
STA 1052+25.34
OFF 43.07' LT.
STA 1052+10.37
OFF 44.00' LT.
STA 1052+10.37
OFF 29.00' LT.
STA 1052+00.00
OFF 29.00' LT.
STA 1051+69.02
OFF 49.00' LT.
STA 1051+60.82
OFF 30.76' LT.

R 20'
STA 1051+69.02
OFF 29.00' LT.
SAW CUT

8" PAVED APPROACH
ENT. STA 1052+33.18 / ENT. 6
SKEW 3.55°
21.1' WIDTH

STA 1053+45.66
OFF 49.86' LT.
STA 1053+45.58
OFF 48.06' LT.
STA 1053+25.60
OFF 49.00' LT.
STA 1053+25.60
OFF 29.00' LT.

0+48.74
SAW CUT
STA 1052+46.54
OFF 45.55' LT.
STA 1052+61.46
OFF 44.00' LT.
STA 1052+61.46
OFF 29.00' LT.

R 15'
S86°46'33"E
ENT. 6
0+00.00
86.45°
SAW CUT
STA 1052+82.46
OFF 29.00' LT.
STA 1052+70.46
OFF 29.00' LT.
SAW CUT

8" PAVED APPROACH
ENT. STA 1053+61.58 / ENT. 7
SKEW 2.7°
36.5' WIDTH

SAW CUT
0+60.00
S87°37'53"E
ENT. 7
0+00.00
87.3°
R 20'

STA 1053+82.22
OFF 49.70' LT.
STA 1054+02.22
OFF 49.69' LT.
STA 1054+12.88
OFF 39.52' LT.

1055

STA 1054+23.37
OFF 38.29' LT.
STA 1054+42.43
OFF 37.03' LT.
R 106'
R 96'
R 20'
STA 1054+42.60
OFF 32.03' LT.
STA 1054+02.88
OFF 29.70' LT.

℄ RTE. 1 (N. PROSPECT AVE.)

0+80.00
SAW CUT
S89°31'29"E
R 10'
R 4'
ENT. 8
STA 1057+75.13
OFF 53.88' LT.
STA 1057+69.05
OFF 42.97' LT.
STA 1057+65.05
OFF 43.00' LT.
STA 1057+65.05
OFF 39.00' LT.
STA 1058+16.63
OFF 53.57' LT.
STA 1058+26.63
OFF 53.50' LT.
STA 1058+26.63
OFF 43.50' LT.
STA 1058+26.63
OFF 40.50' LT.
STA 1058+26.63
OFF 30.00' LT.

℄ RTE. 1 (N. PROSPECT AVE.)
90.42°
8" PAVED APPROACH
ENT. STA 1057+95.50 / ENT. 8
SKEW 0.42°
41.5' WIDTH
0+00.00
0+00.00
90°

8" PAVED APPROACH
ENT. STA 1058+11.60 / ENT. 9
SKEW 0.0°
76.1' WIDTH, 1.50% GRADE

SAW CUT
R 30'
ENT. 9
N89°56'49"W
0+80.00
STA 1057+45.02
OFF 50.32' RT.
STA 1057+58.18
OFF 48.00' RT.
STA 1057+73.82
OFF 52.40' RT.
STA 1057+58.18
OFF 78.00' RT.
STA 1058+61.94
OFF 48.00' RT.
STA 1058+49.92
OFF 50.51' RT.
STA 1058+61.94
OFF 78.00' RT.

SAW CUT
STA 1064+21.47
OFF 41.21' LT.
STA 1064+11.46
OFF 34.48' LT.
STA 1063+86.66
OFF 34.48' LT.
STA 1063+29.90
OFF 41.00' LT.
SAW CUT
R 10.4'
0+50.00
S89°21'27"E
ENT. 10
STA 1064+62.55
OFF 41.00' LT.
STA 1064+68.55
OFF 41.00' LT.
STA 1064+68.55
OFF 35.00' LT.
SAW CUT
R 6'

1065

℄ RTE. 1 (N. PROSPECT AVE.)
8" PAVED APPROACH
ENT. STA 1064+41.80 / ENT. 10
SKEW 0.0°
41.1' WIDTH, 1.86% GRADE
0+00.00
90°

ENT 5 = LT STA 1051+22.20 ℄ RTE. 1
ENT 6 = LT STA 1052+33.18 ℄ RTE. 1
ENT 7 = LT STA 1053+61.58 ℄ RTE. 1
ENT 8 = LT STA 1057+95.50 ℄ RTE. 1
ENT 9 = RT STA 1058+11.60 ℄ RTE. 1
ENT 10 = LT STA 1064+41.80 ℄ RTE. 1

SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 2 OF 19
SPECIAL SHEETS
SHEET 10 OF 39

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

DATE PREPARED
3/30/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	81

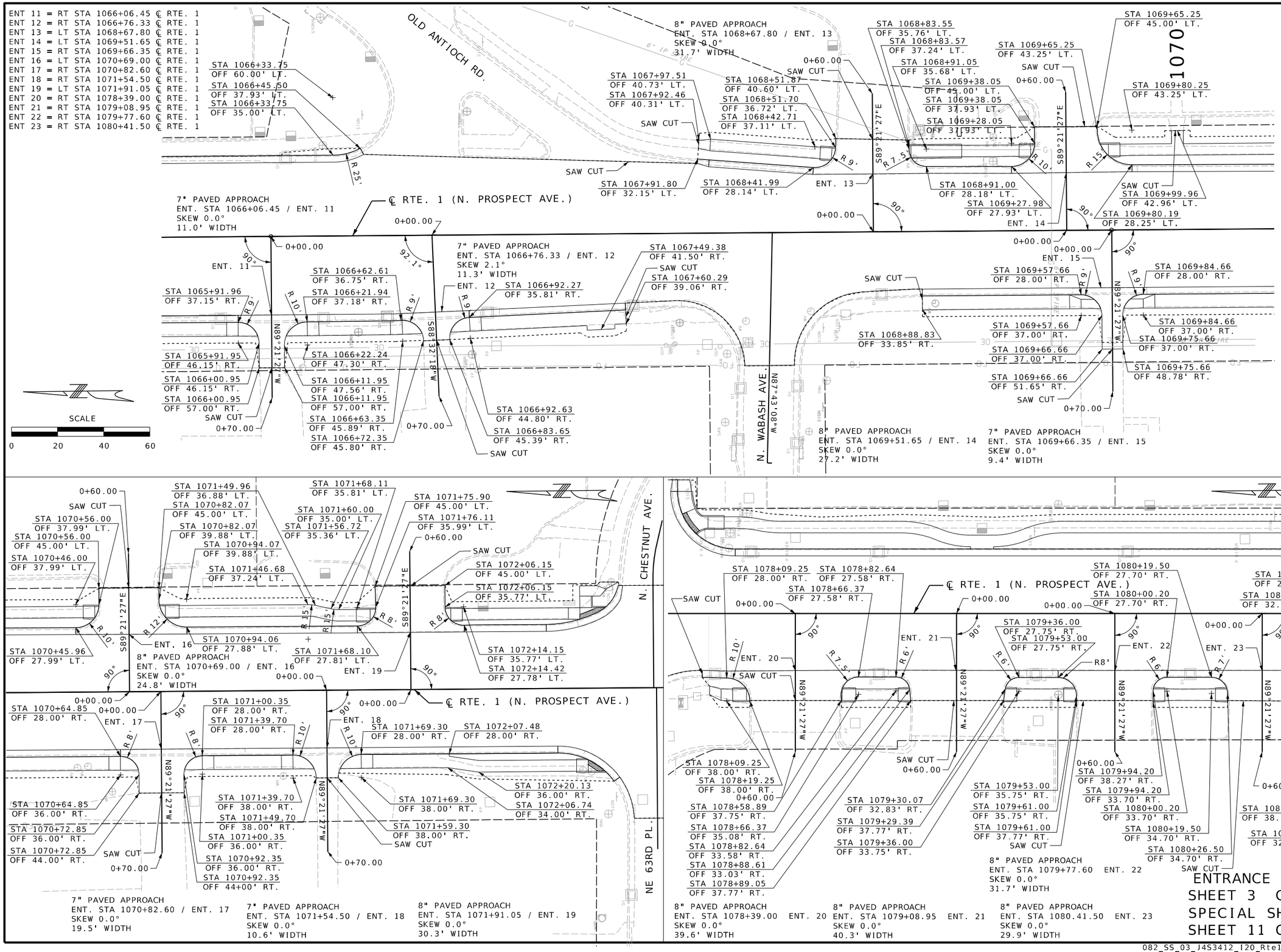
COUNTY
CLAY
JOB NO.
J4S3412
CONTRACT ID.
.
PROJECT NO.
.
BRIDGE NO.
.

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

ENT 11 = RT STA 1066+06.45 ℄ RTE. 1
ENT 12 = RT STA 1066+76.33 ℄ RTE. 1
ENT 13 = LT STA 1068+67.80 ℄ RTE. 1
ENT 14 = LT STA 1069+51.65 ℄ RTE. 1
ENT 15 = RT STA 1069+66.35 ℄ RTE. 1
ENT 16 = LT STA 1070+69.00 ℄ RTE. 1
ENT 17 = RT STA 1070+82.60 ℄ RTE. 1
ENT 18 = RT STA 1071+54.50 ℄ RTE. 1
ENT 19 = LT STA 1071+91.05 ℄ RTE. 1
ENT 20 = RT STA 1078+39.00 ℄ RTE. 1
ENT 21 = RT STA 1079+08.95 ℄ RTE. 1
ENT 22 = RT STA 1079+77.60 ℄ RTE. 1
ENT 23 = RT STA 1080+41.50 ℄ RTE. 1



ENTRANCE PLAN
SHEET 3 OF 19
SPECIAL SHEETS
SHEET 11 OF 39

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

DATE PREPARED 3/28/2025

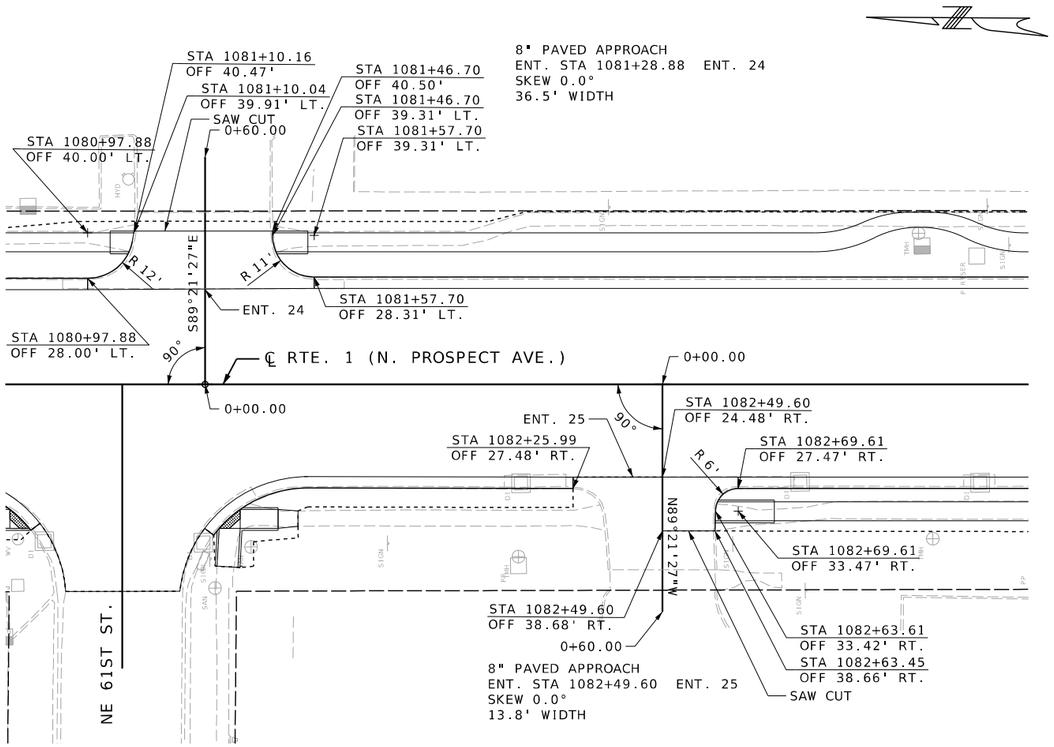
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	82

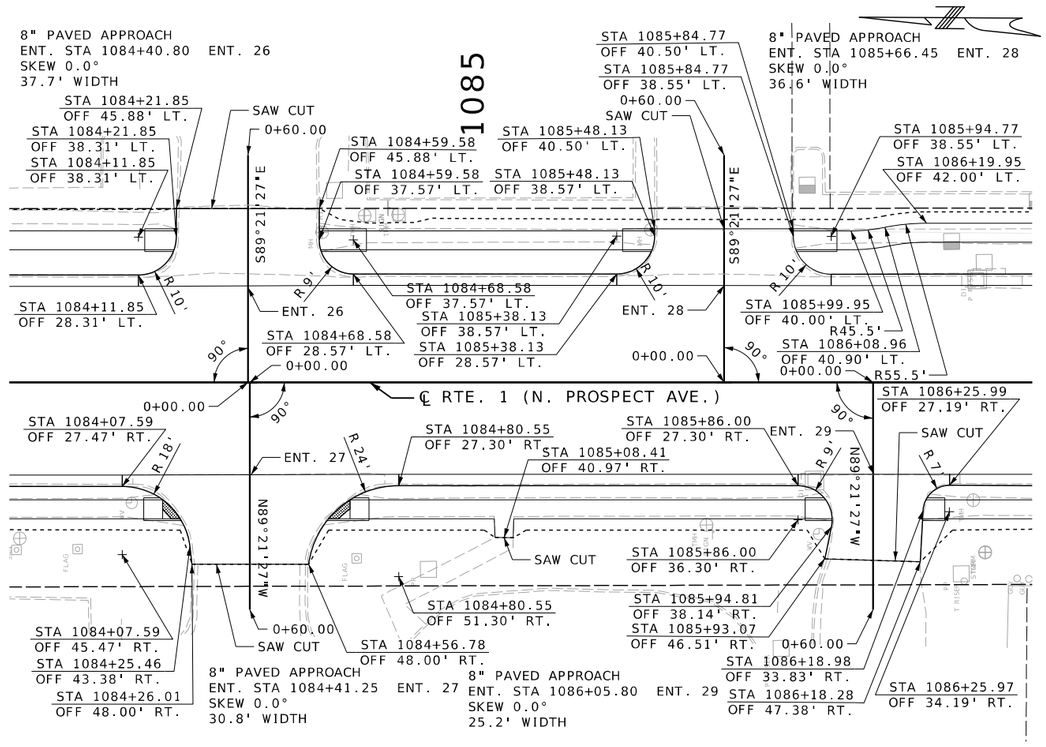
COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

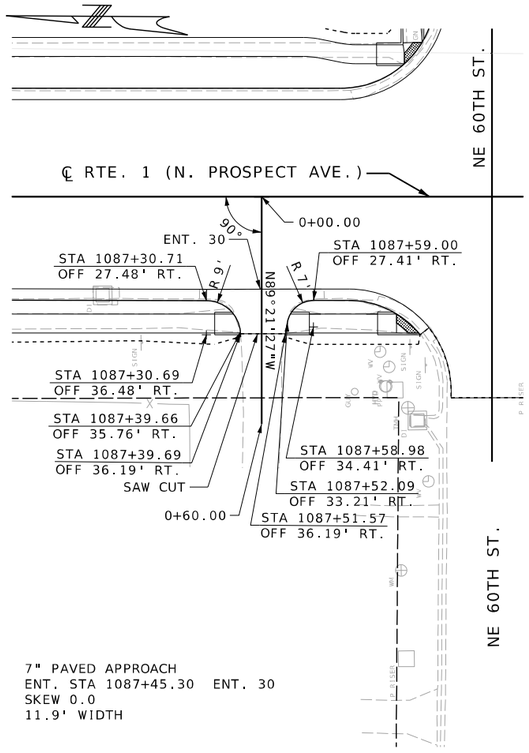
DATE	DESCRIPTION
.	.

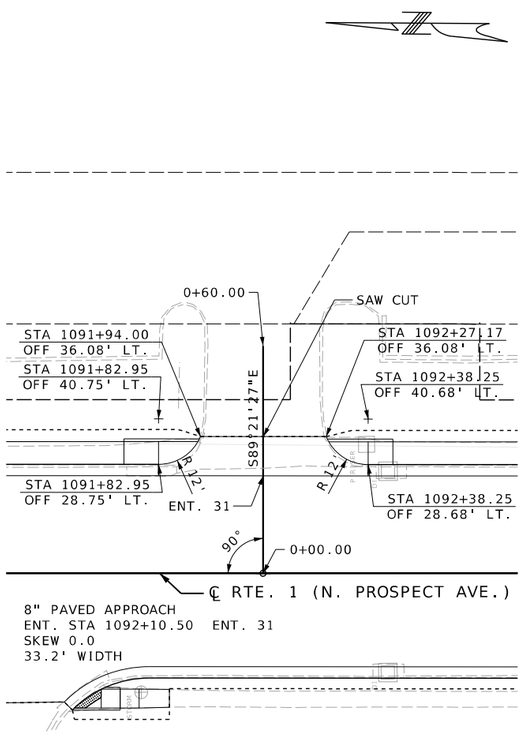
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

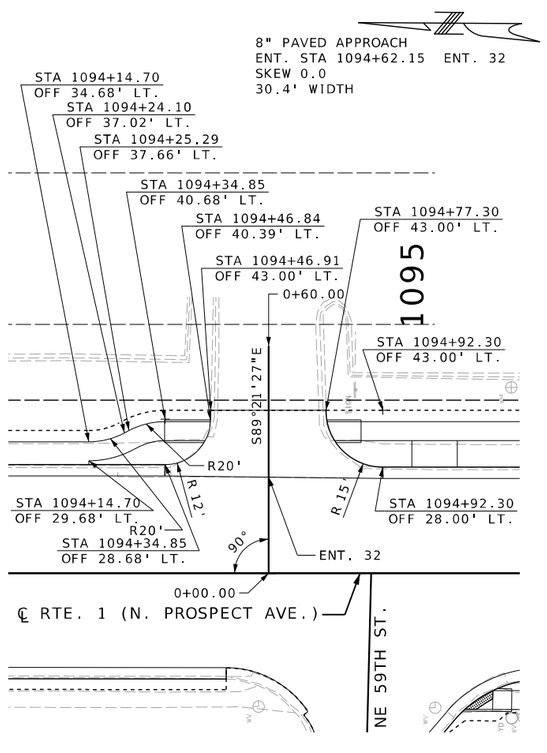
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599











ENT 24 = LT STA 1081+28.88 ℄ RTE. 1
ENT 25 = RT STA 1082+49.60 ℄ RTE. 1
ENT 26 = LT STA 1084+40.80 ℄ RTE. 1
ENT 27 = RT STA 1084+41.25 ℄ RTE. 1
ENT 28 = LT STA 1085+66.45 ℄ RTE. 1
ENT 29 = RT STA 1086+05.80 ℄ RTE. 1
ENT 30 = RT STA 1087+45.30 ℄ RTE. 1
ENT 31 = LT STA 1092+10.50 ℄ RTE. 1
ENT 32 = LT STA 1092+10.50 ℄ RTE. 1

SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 4 OF 19
SPECIAL SHEETS
SHEET 12 OF 39

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

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	83
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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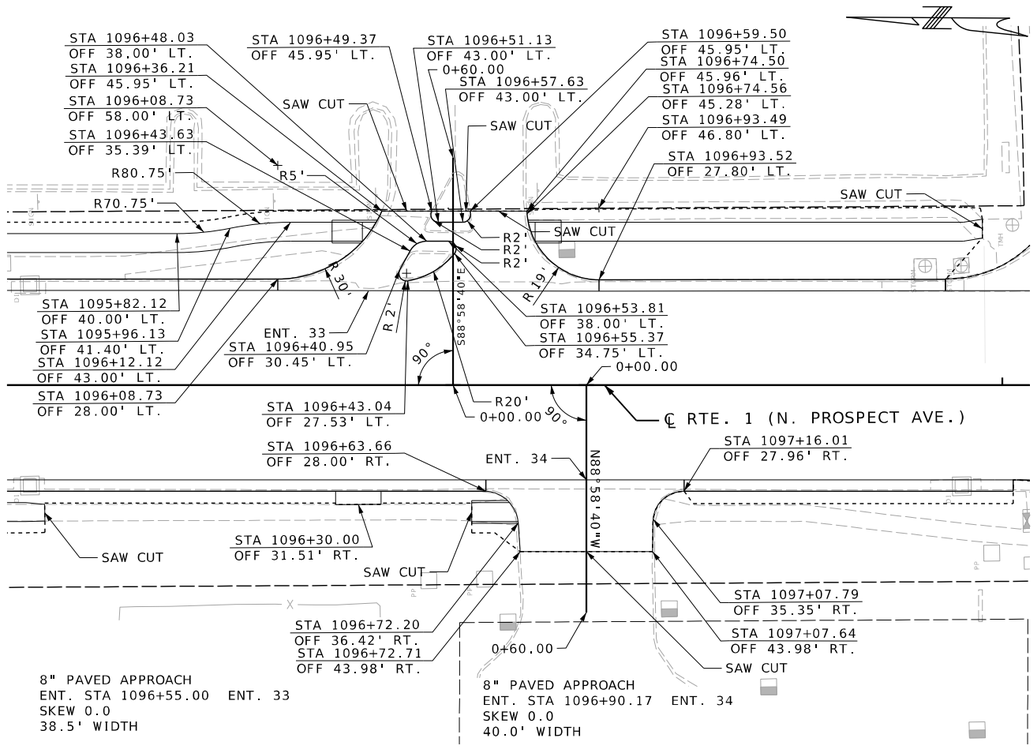
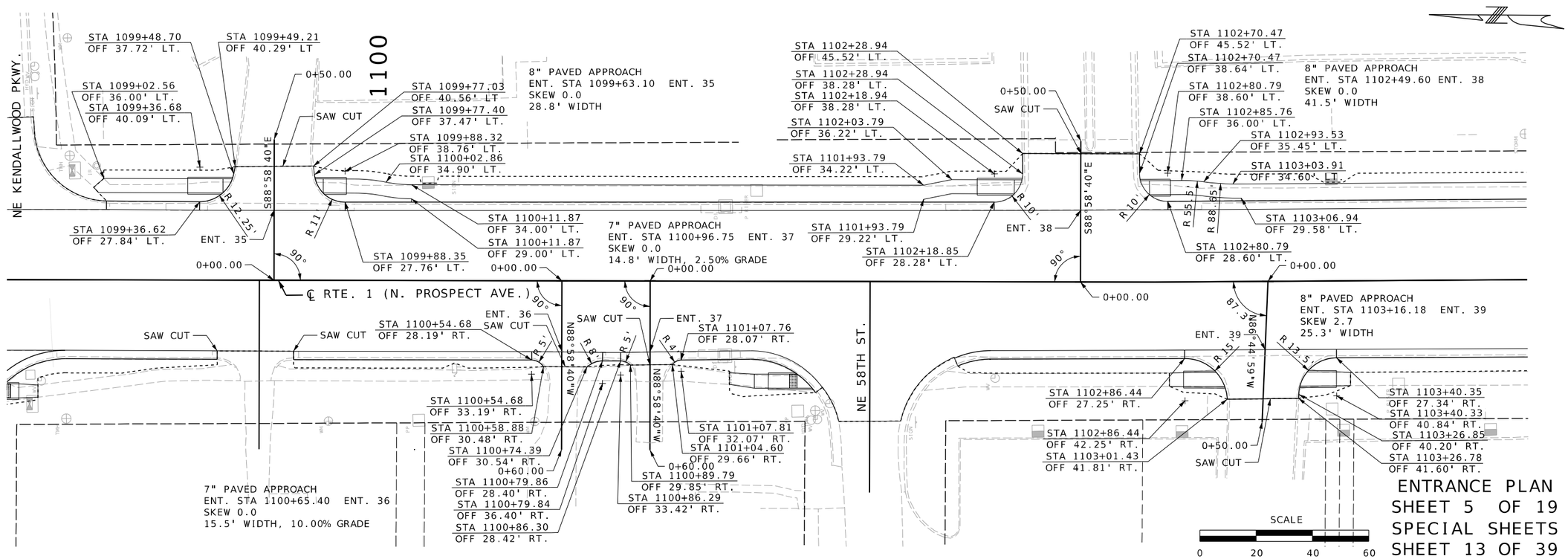
DATE	DESCRIPTION
.	.

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



ENT 33 = LT STA 1096+55.00 ℄ RTE. 1
ENT 34 = RT STA 1096+90.17 ℄ RTE. 1
ENT 35 = LT STA 1099+63.10 ℄ RTE. 1
ENT 36 = RT STA 1100+65.40 ℄ RTE. 1
ENT 37 = RT STA 1100+96.75 ℄ RTE. 1
ENT 38 = LT STA 1102+49.60 ℄ RTE. 1
ENT 39 = RT STA 1103+16.18 ℄ RTE. 1



ENTRANCE PLAN
SHEET 5 OF 19
SPECIAL SHEETS
SHEET 13 OF 39

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

DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	84
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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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)

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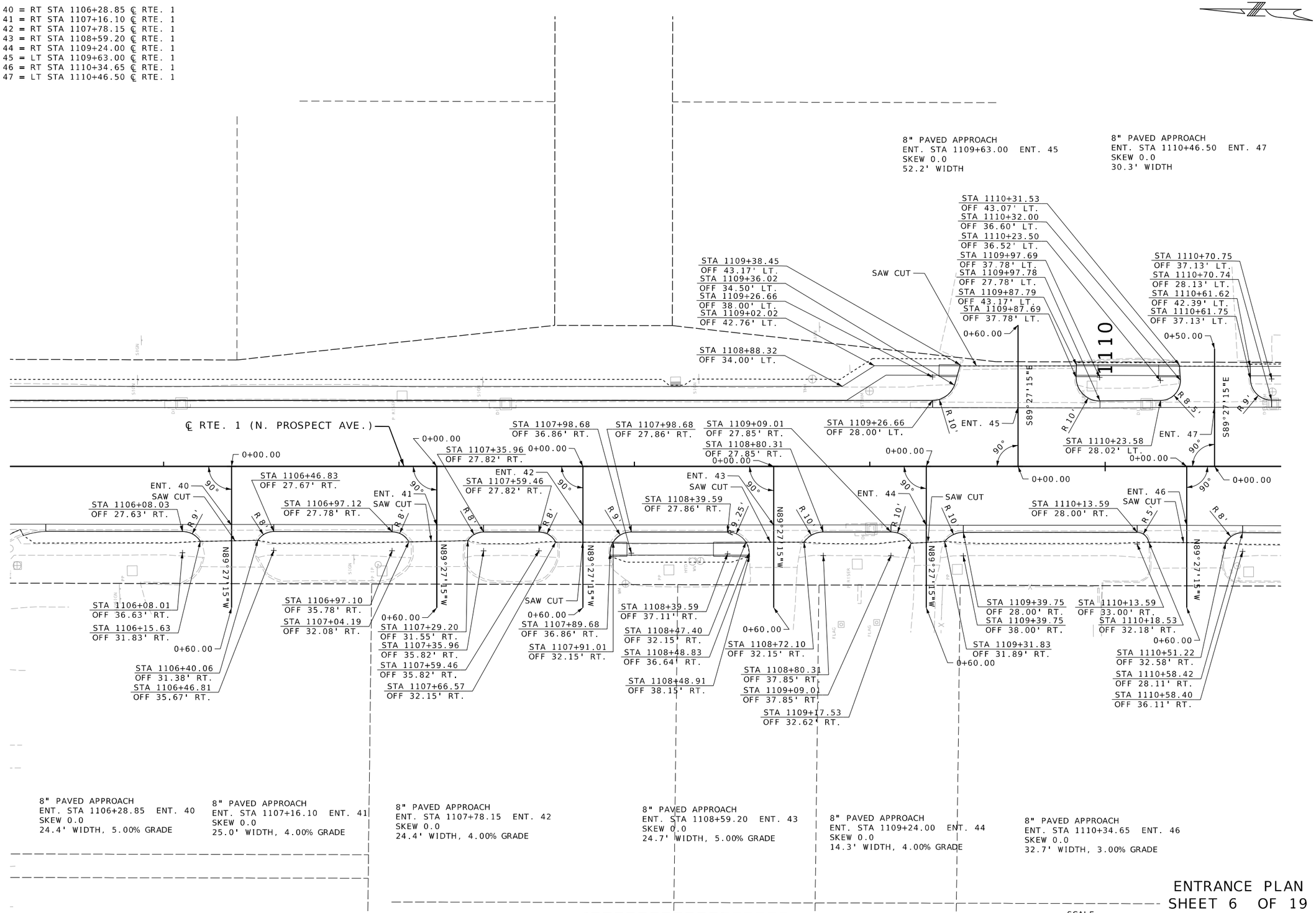
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

ENT 40 = RT STA 1106+28.85 ℄ RTE. 1
ENT 41 = RT STA 1107+16.10 ℄ RTE. 1
ENT 42 = RT STA 1107+78.15 ℄ RTE. 1
ENT 43 = RT STA 1108+59.20 ℄ RTE. 1
ENT 44 = RT STA 1109+24.00 ℄ RTE. 1
ENT 45 = LT STA 1109+63.00 ℄ RTE. 1
ENT 46 = RT STA 1110+34.65 ℄ RTE. 1
ENT 47 = LT STA 1110+46.50 ℄ RTE. 1



ENTRANCE PLAN
SHEET 6 OF 19
SPECIAL SHEETS
SHEET 14 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	85

COUNTY
CLAY

JOB NO.
J4S3412

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
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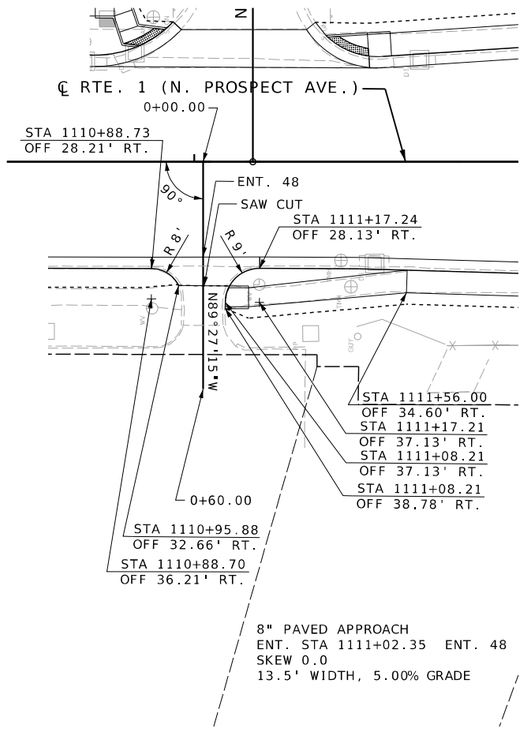
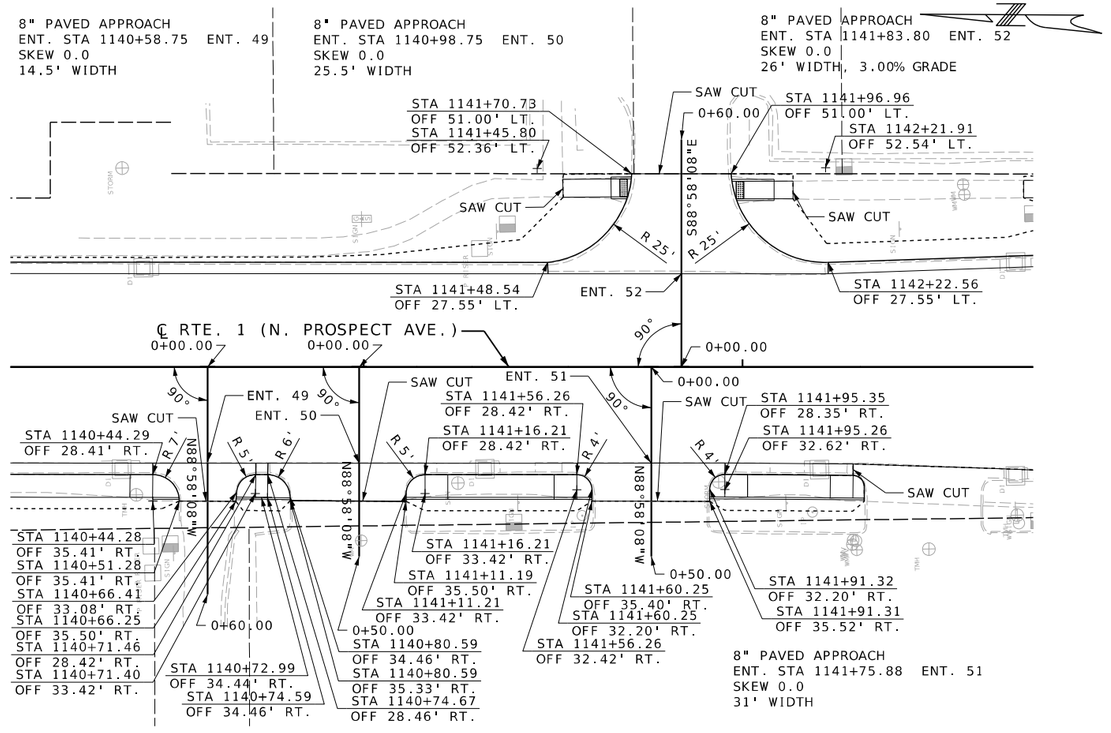
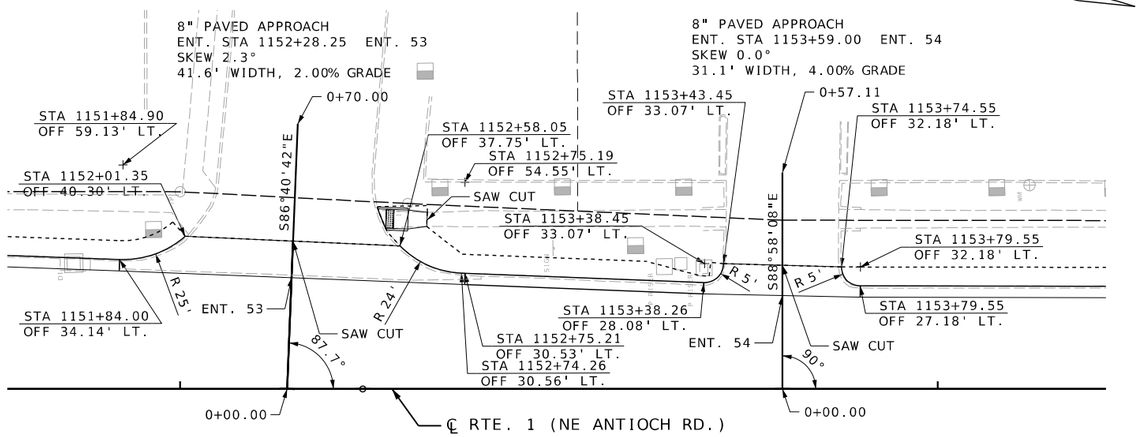






ENT 48 = RT STA 1111+02.35 ℄ RTE. 1
ENT 49 = RT STA 1140+58.75 ℄ RTE. 1
ENT 50 = RT STA 1140+98.75 ℄ RTE. 1
ENT 51 = RT STA 1141+75.88 ℄ RTE. 1
ENT 52 = LT STA 1141+83.80 ℄ RTE. 1
ENT 53 = LT STA 1152+28.25 ℄ RTE. 1
ENT 54 = LT STA 1153+59.00 ℄ RTE. 1

SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 7 OF 19
SPECIAL SHEETS
SHEET 15 OF 39

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	86

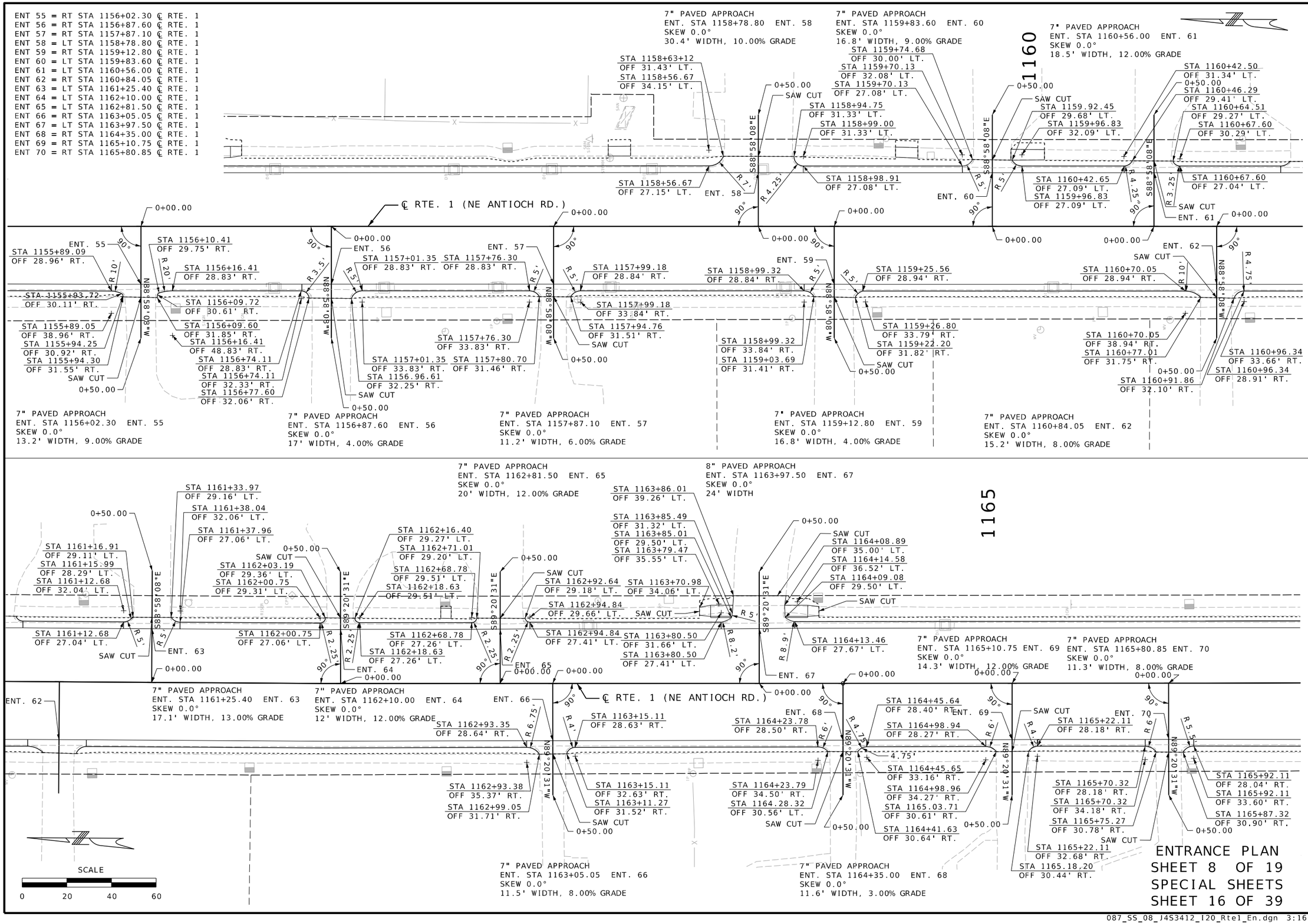
COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

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

ENT 55 = RT STA 1156+02.30 ℄ RTE. 1
ENT 56 = RT STA 1156+87.60 ℄ RTE. 1
ENT 57 = RT STA 1157+87.10 ℄ RTE. 1
ENT 58 = LT STA 1158+78.80 ℄ RTE. 1
ENT 59 = RT STA 1159+12.80 ℄ RTE. 1
ENT 60 = LT STA 1159+83.60 ℄ RTE. 1
ENT 61 = LT STA 1160+56.00 ℄ RTE. 1
ENT 62 = RT STA 1160+84.05 ℄ RTE. 1
ENT 63 = LT STA 1161+25.40 ℄ RTE. 1
ENT 64 = LT STA 1162+10.00 ℄ RTE. 1
ENT 65 = LT STA 1162+81.50 ℄ RTE. 1
ENT 66 = RT STA 1163+05.05 ℄ RTE. 1
ENT 67 = LT STA 1163+97.50 ℄ RTE. 1
ENT 68 = RT STA 1164+35.00 ℄ RTE. 1
ENT 69 = RT STA 1165+10.75 ℄ RTE. 1
ENT 70 = RT STA 1165+80.85 ℄ RTE. 1



ENTRANCE PLAN
SHEET 8 OF 19
SPECIAL SHEETS
SHEET 16 OF 39

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

DATE PREPARED 3/28/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 87
COUNTY CLAY
JOB NO. J4S3412
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

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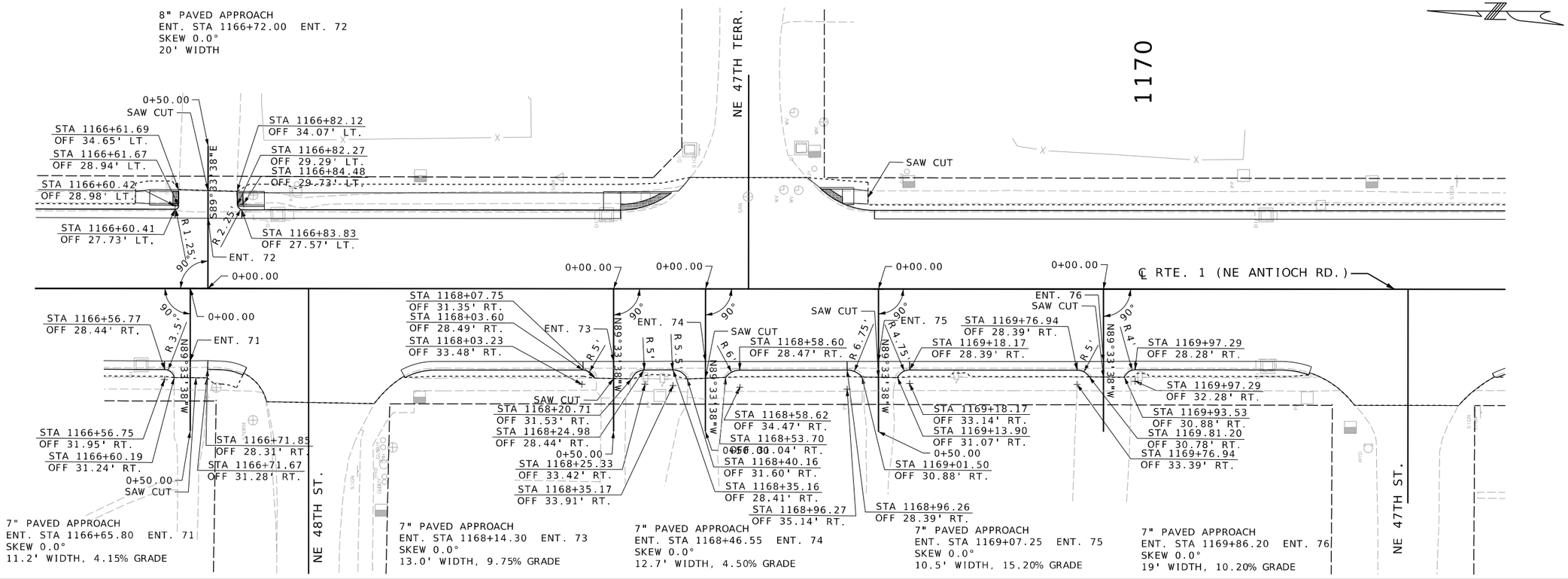

ENT 71 = RT STA 1166+65.80 ℄ RTE. 1
ENT 72 = LT STA 1166+72.00 ℄ RTE. 1
ENT 73 = RT STA 1168+14.30 ℄ RTE. 1
ENT 74 = RT STA 1168+46.55 ℄ RTE. 1
ENT 75 = RT STA 1169+07.25 ℄ RTE. 1
ENT 76 = RT STA 1169+86.20 ℄ RTE. 1
ENT 77 = LT STA 1171+96.75 ℄ RTE. 1
ENT 78 = RT STA 1172+06.65 ℄ RTE. 1
ENT 79 = RT STA 1172+84.50 ℄ RTE. 1
ENT 80 = RT STA 1173+87.20 ℄ RTE. 1
ENT 81 = LT STA 1174+00.10 ℄ RTE. 1
ENT 82 = RT STA 1175+08.55 ℄ RTE. 1

ENTRANCE PLAN
SHEET 9 OF 19
SPECIAL SHEETS
SHEET 17 OF 39

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

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 88
COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

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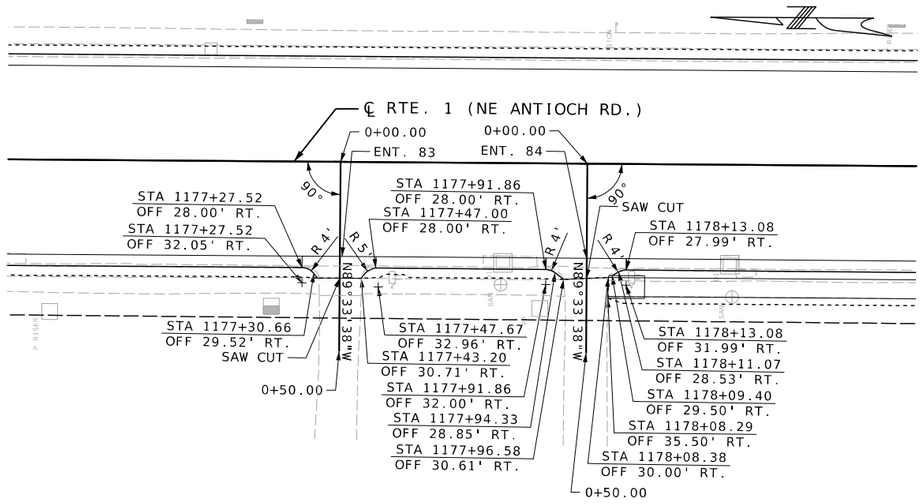
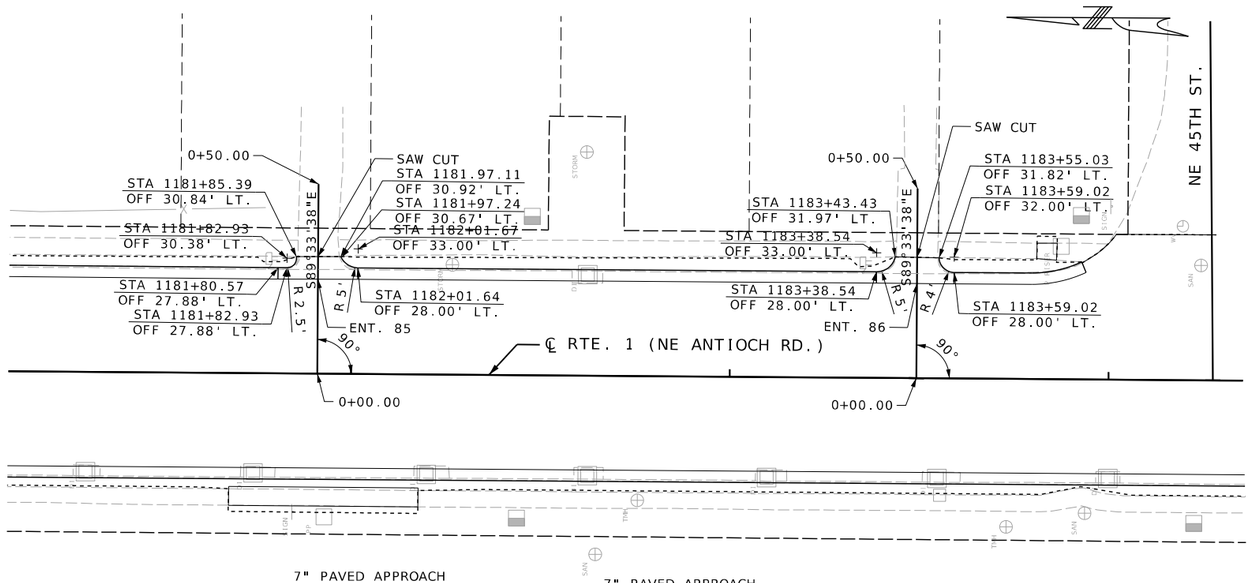


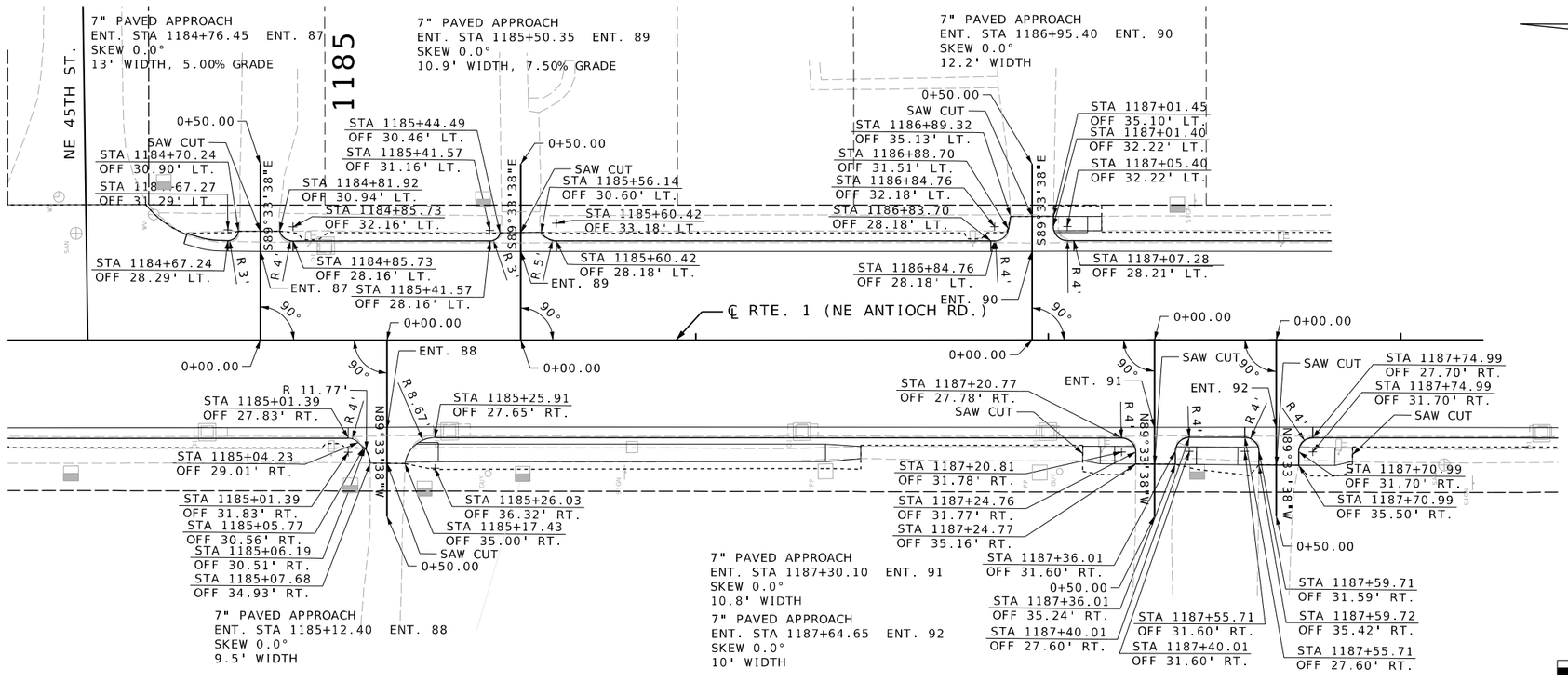
7" PAVED APPROACH
ENT. STA 1177+37.50 ENT. 83
SKEW 0.0°
11' WIDTH, 12.40% GRADE

7" PAVED APPROACH
ENT. STA 1178+02.65 ENT. 84
SKEW 0.0°
11.1' WIDTH, 13.65% GRADE



7" PAVED APPROACH
ENT. STA 1181+91.10 ENT. 85
SKEW 0.0°
12.1' WIDTH, 5.30% GRADE

7" PAVED APPROACH
ENT. STA 1183+49.25 ENT. 86
SKEW 0.0°
10.9' WIDTH, 3.75% GRADE



7" PAVED APPROACH
ENT. STA 1185+12.40 ENT. 88
SKEW 0.0°
9.5' WIDTH

7" PAVED APPROACH
ENT. STA 1187+30.10 ENT. 91
SKEW 0.0°
10.8' WIDTH

7" PAVED APPROACH
ENT. STA 1187+64.65 ENT. 92
SKEW 0.0°
10' WIDTH

ENT 83 = RT STA 1177+37.50 ℄ RTE. 1
ENT 84 = RT STA 1178+02.65 ℄ RTE. 1
ENT 85 = LT STA 1181+91.10 ℄ RTE. 1
ENT 86 = LT STA 1183+49.25 ℄ RTE. 1
ENT 87 = LT STA 1184+76.45 ℄ RTE. 1
ENT 88 = RT STA 1185+12.40 ℄ RTE. 1
ENT 89 = LT STA 1185+50.35 ℄ RTE. 1
ENT 90 = LT STA 1186+95.40 ℄ RTE. 1
ENT 91 = RT STA 1187+30.10 ℄ RTE. 1
ENT 92 = RT STA 1187+64.65 ℄ RTE. 1

SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 10 OF 19
SPECIAL SHEETS
SHEET 18 OF 39

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

DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	89
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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DESCRIPTION	DATE
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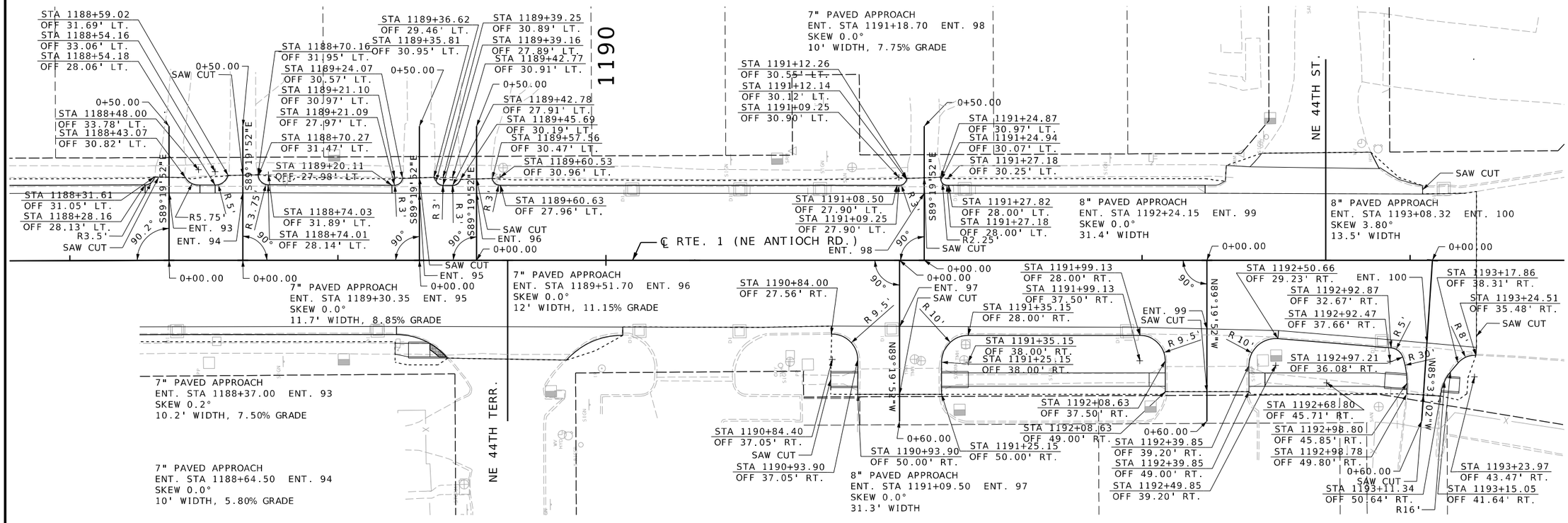
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



ENT 93 = LT STA 1188+37.00 ℄ RTE. 1
ENT 94 = LT STA 1188+64.50 ℄ RTE. 1
ENT 95 = LT STA 1189+30.35 ℄ RTE. 1
ENT 96 = LT STA 1189+51.70 ℄ RTE. 1
ENT 97 = RT STA 1191+09.50 ℄ RTE. 1
ENT 98 = LT STA 1191+18.70 ℄ RTE. 1
ENT 99 = RT STA 1192+24.15 ℄ RTE. 1
ENT 100 = RT STA 1193+08.32 ℄ RTE. 1

SCALE
0 20 40 60

ENTRANCE PLAN
SHEET 11 OF 19
SPECIAL SHEETS
SHEET 19 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	90

COUNTY
CLAY
JOB NO.
J4S3412
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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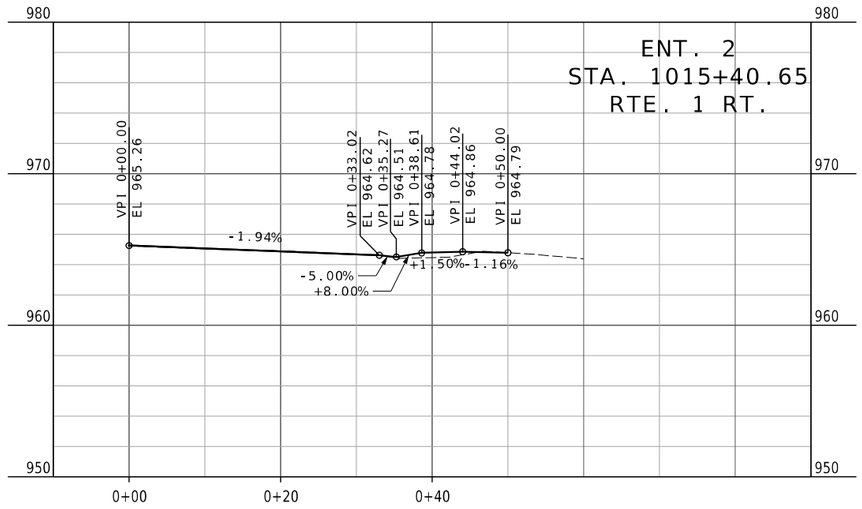

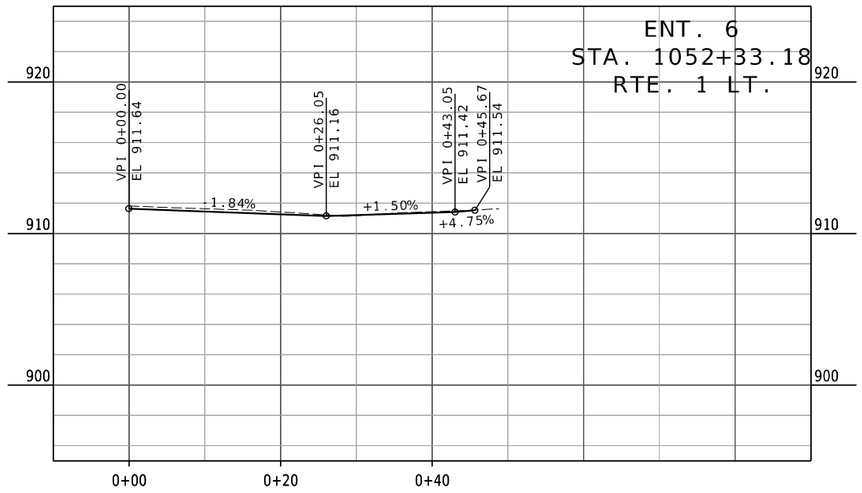

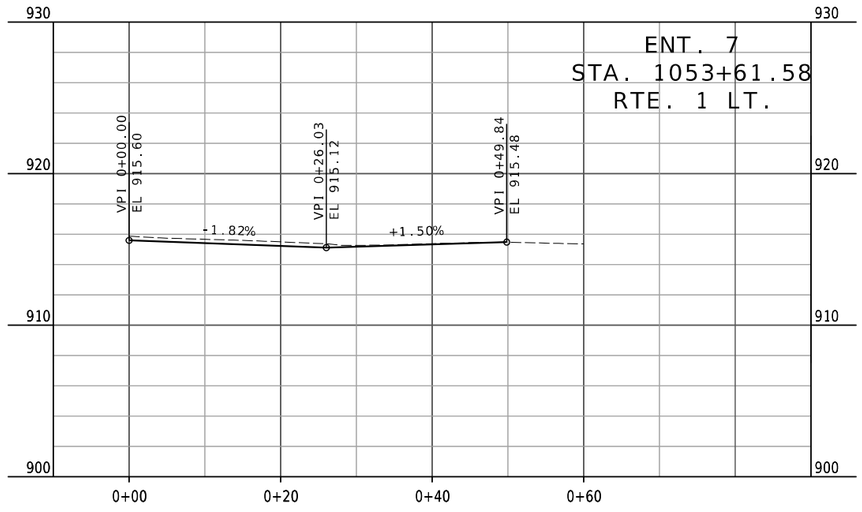

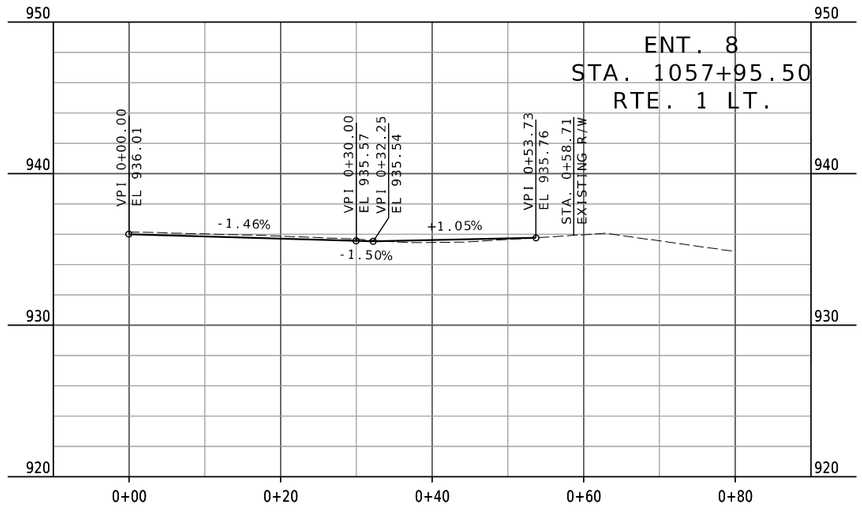

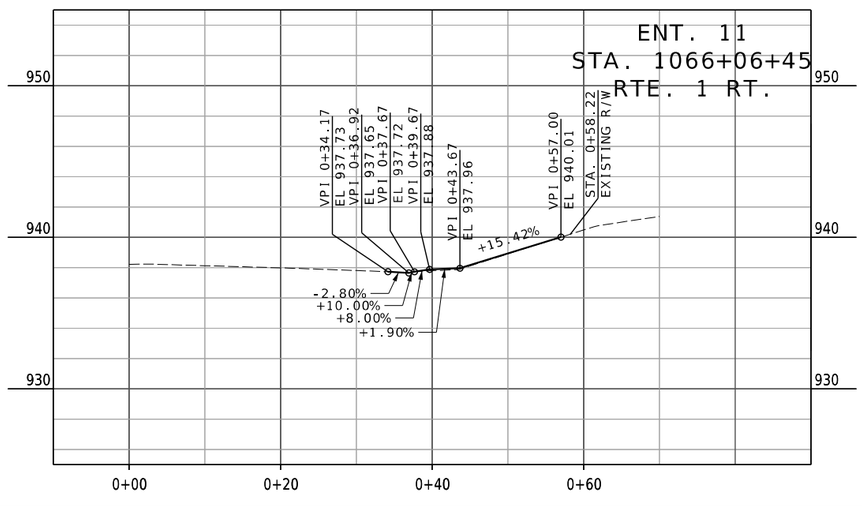

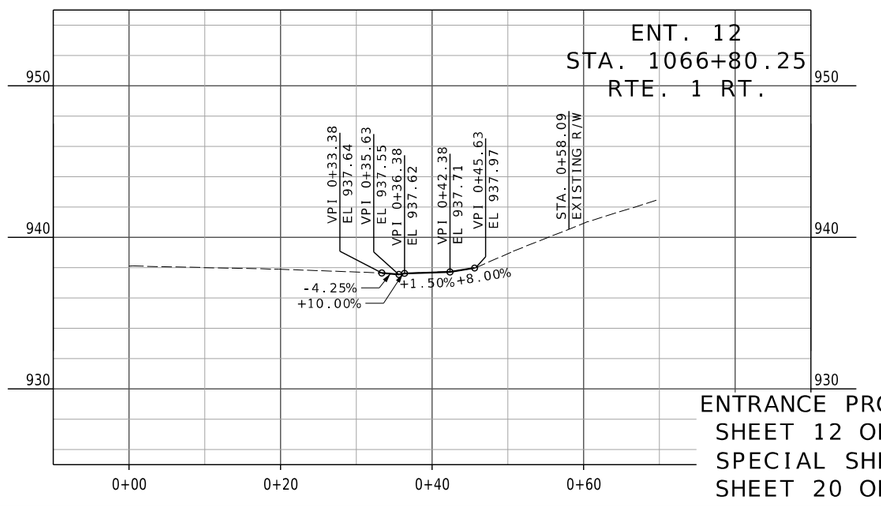

ENTRANCE PROFILE
SHEET 12 OF 19
SPECIAL SHEETS
SHEET 20 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	91

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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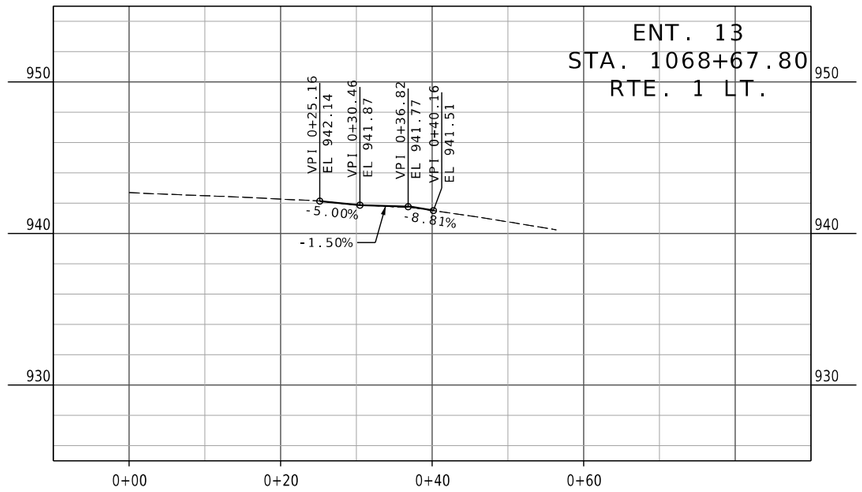
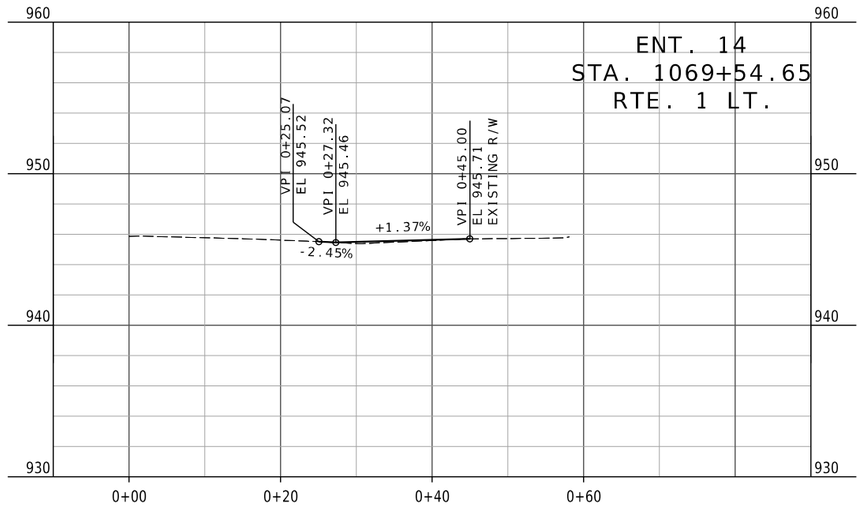
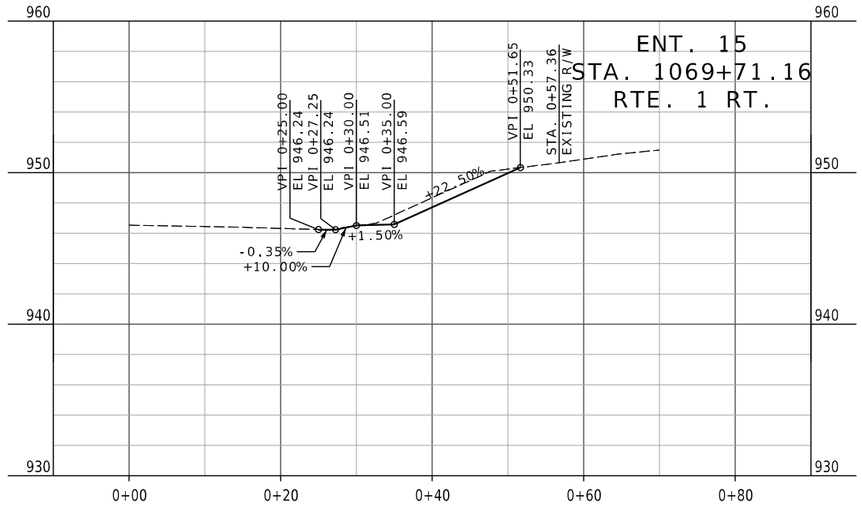
REV.

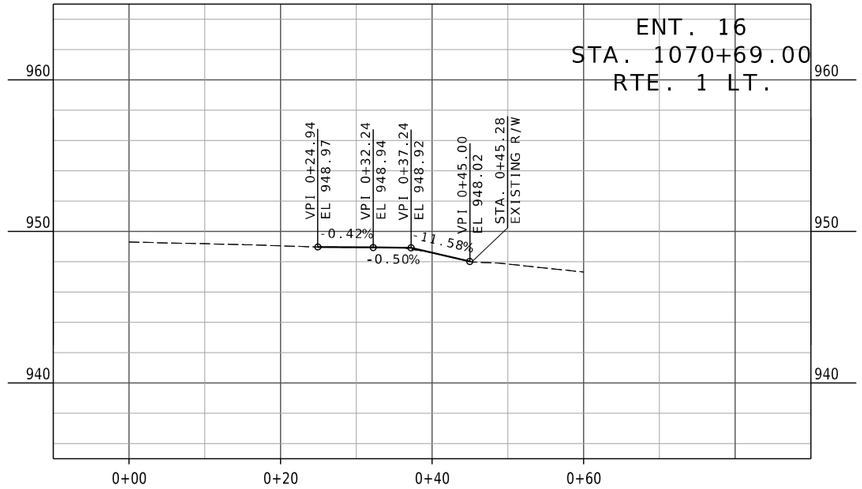
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

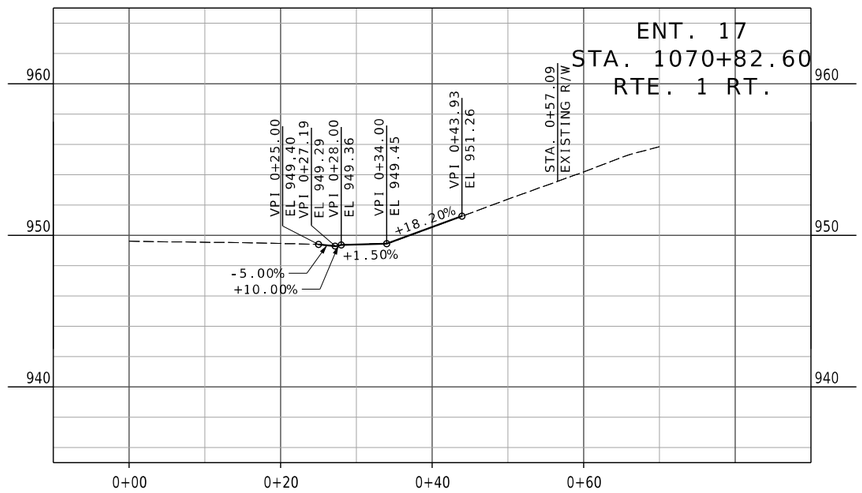
WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

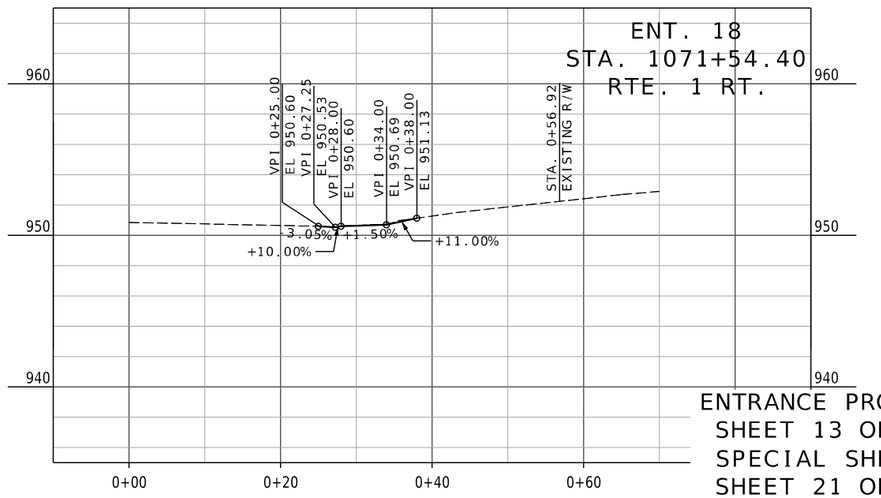












ENTRANCE PROFILE
SHEET 13 OF 19
SPECIAL SHEETS
SHEET 21 OF 39

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	92

COUNTY
CLAY

JOB NO.
J4S3412

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)

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Kansas City, MO 64131
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Missouri Cert. of Authority #2003007599

REV.

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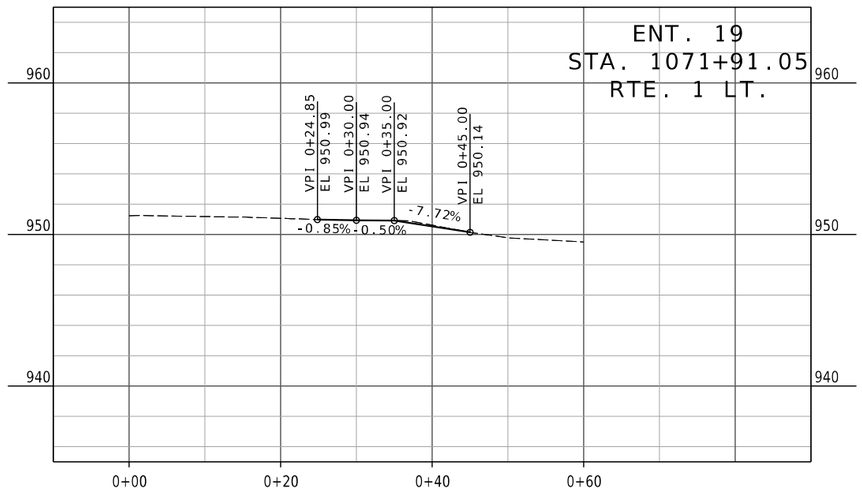

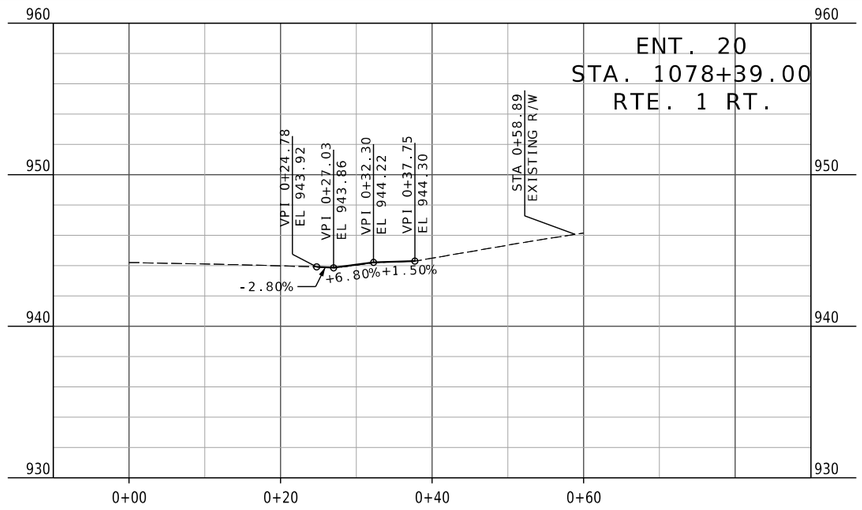

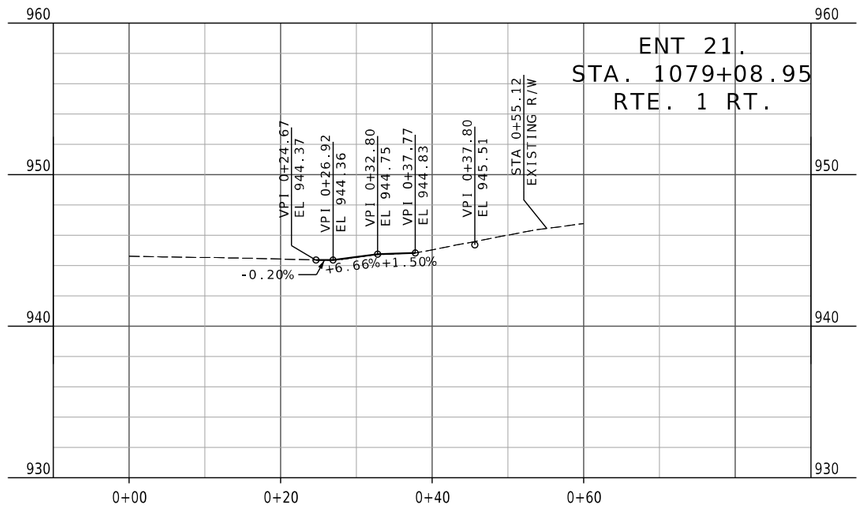

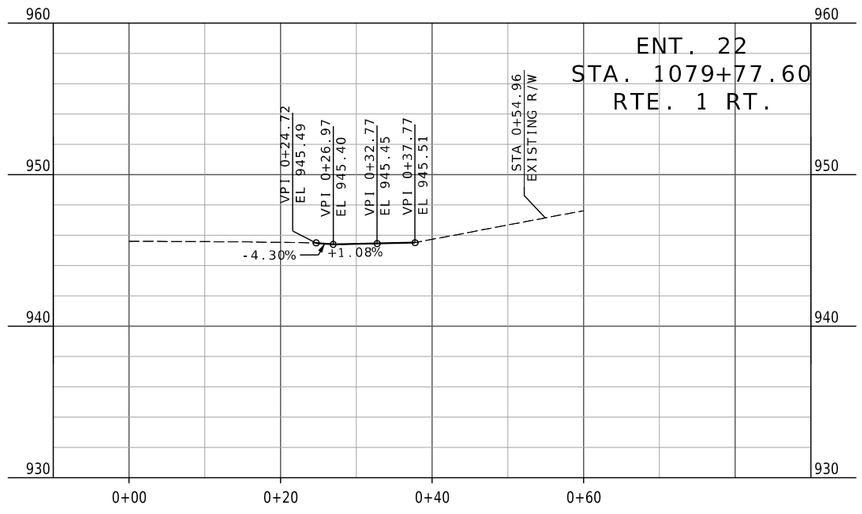

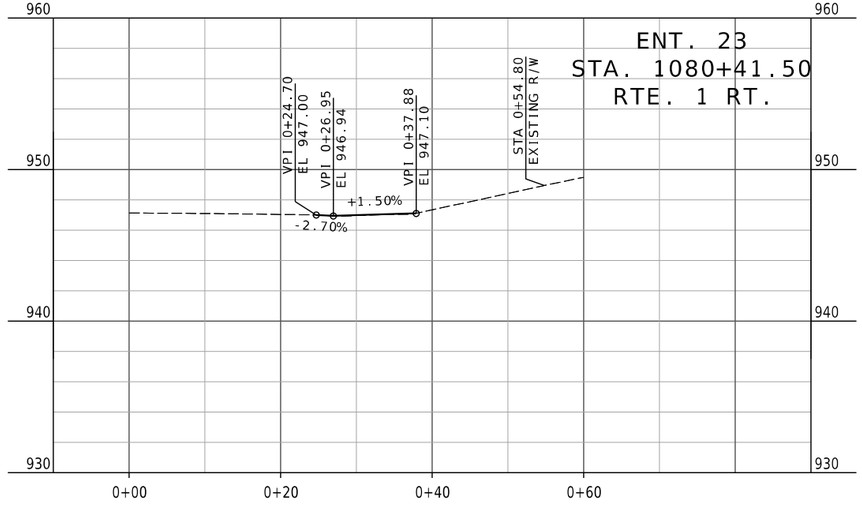

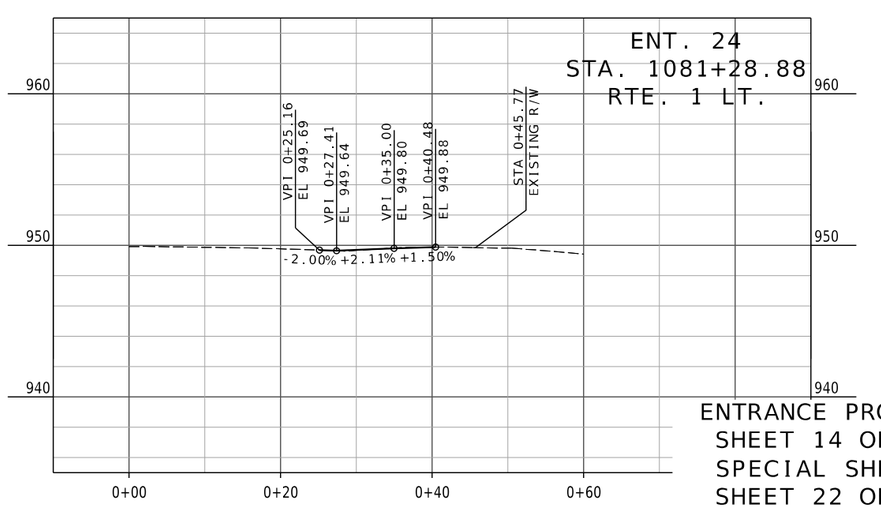

ENTRANCE PROFILE
SHEET 14 OF 19
SPECIAL SHEETS
SHEET 22 OF 39

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

DATE PREPARED
3/30/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	93

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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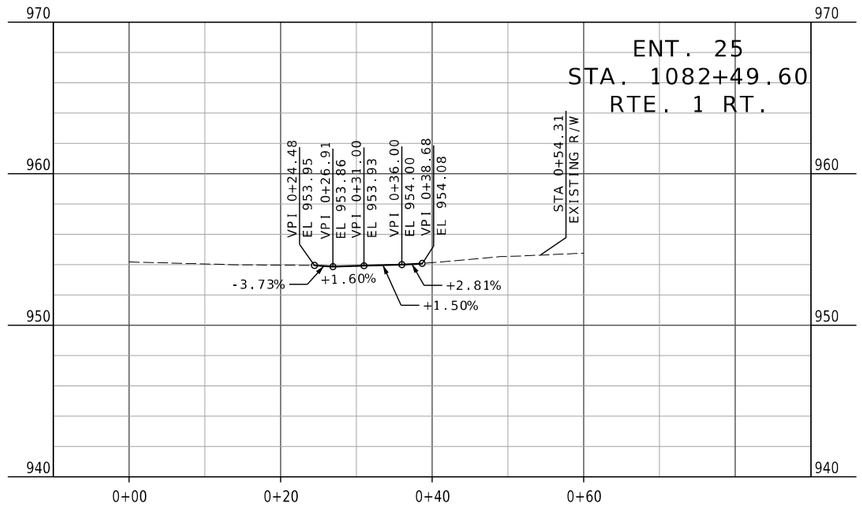
REV.

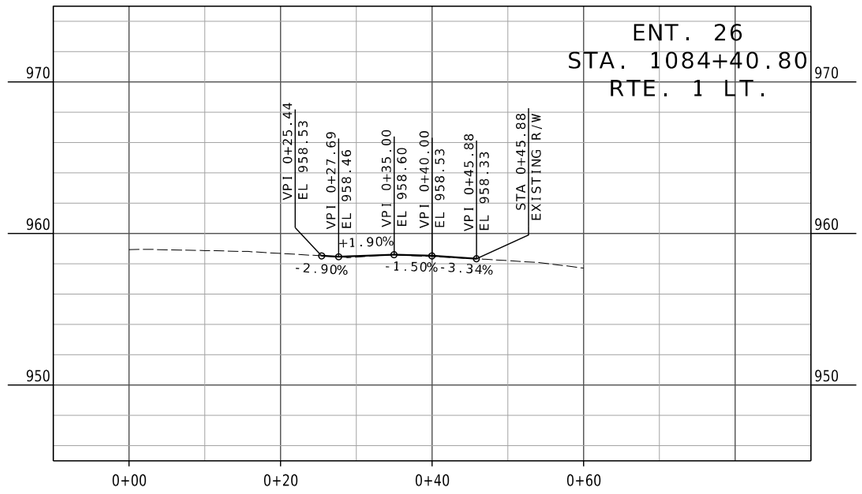
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

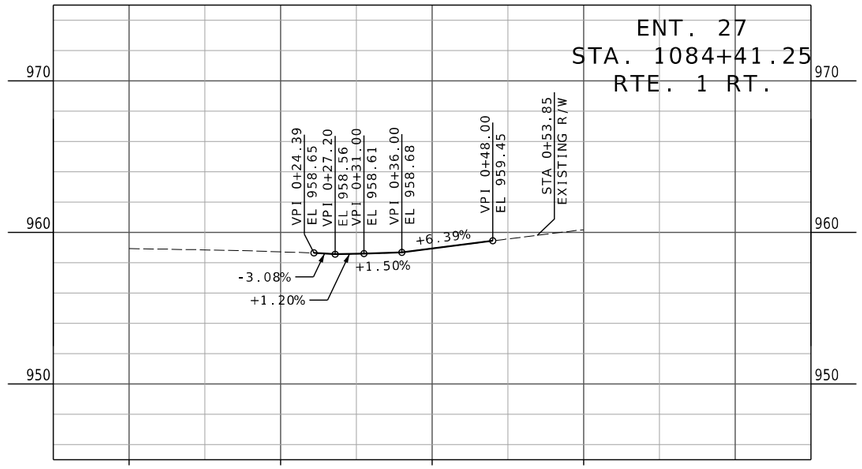
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013

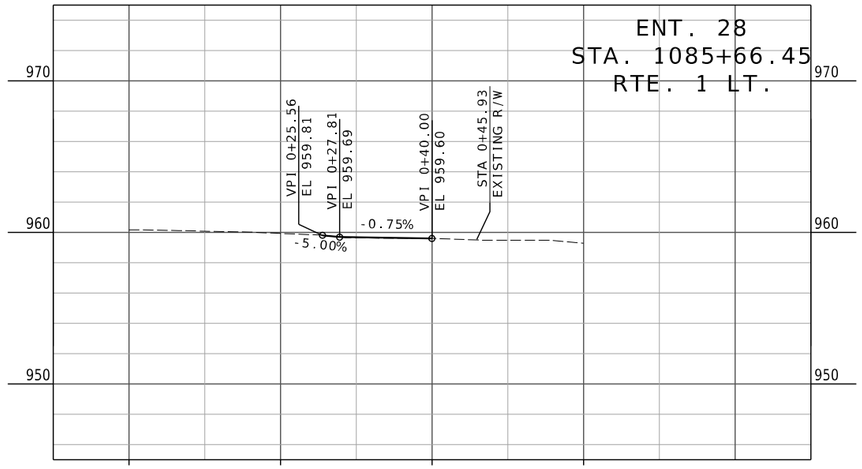
Missouri Cert. of Authority #2003007599

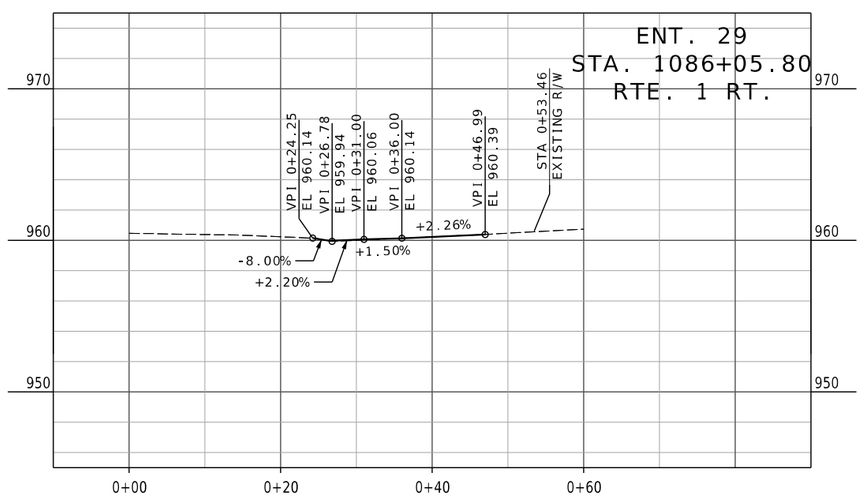
WILSON &COMPANY
ENGINEERS & ARCHITECTS

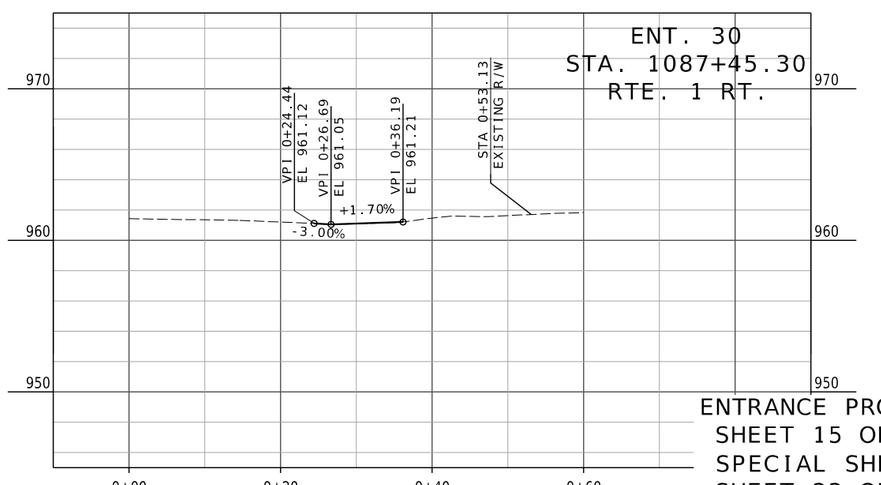












ENTRANCE PROFILE
SHEET 15 OF 19
SPECIAL SHEETS
SHEET 23 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	94

COUNTY
CLAY

JOB NO.
J4S3412

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)

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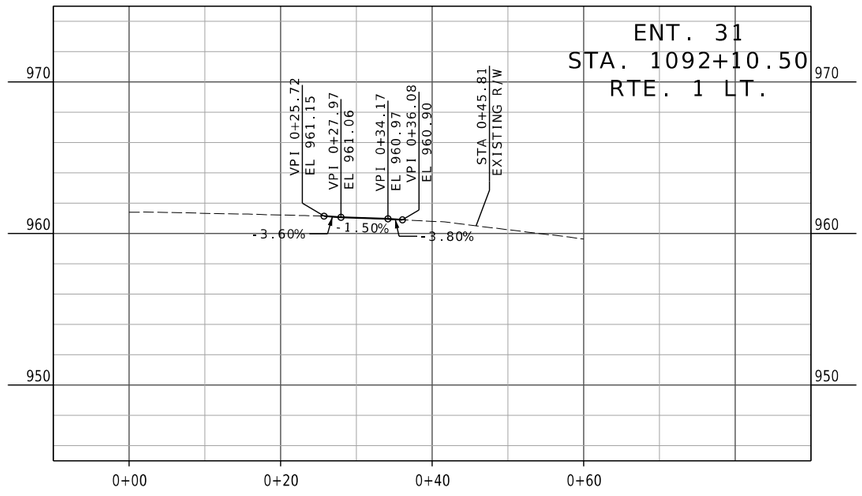
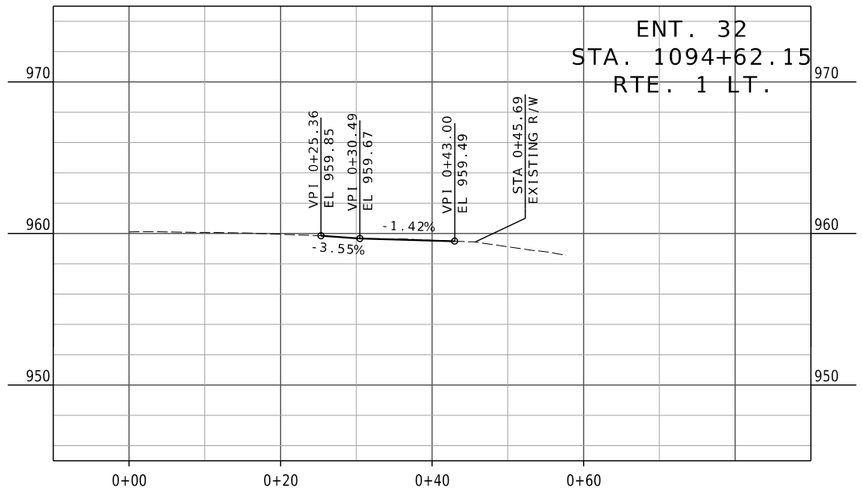
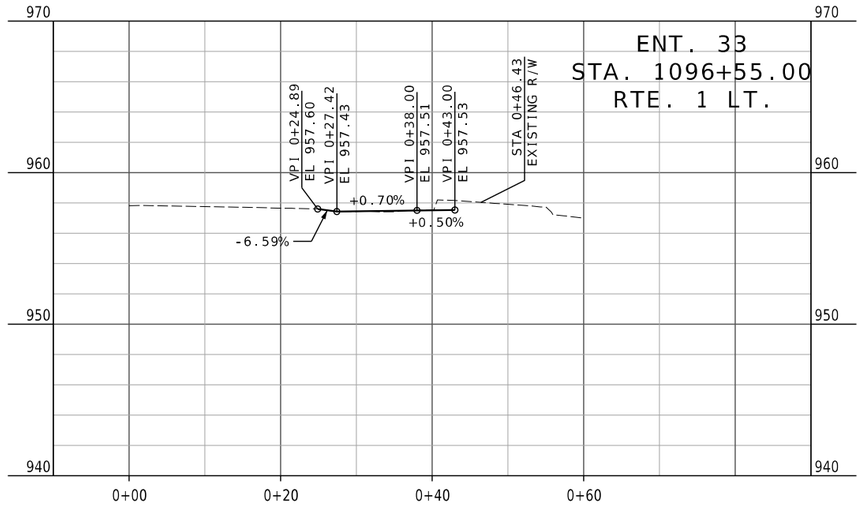
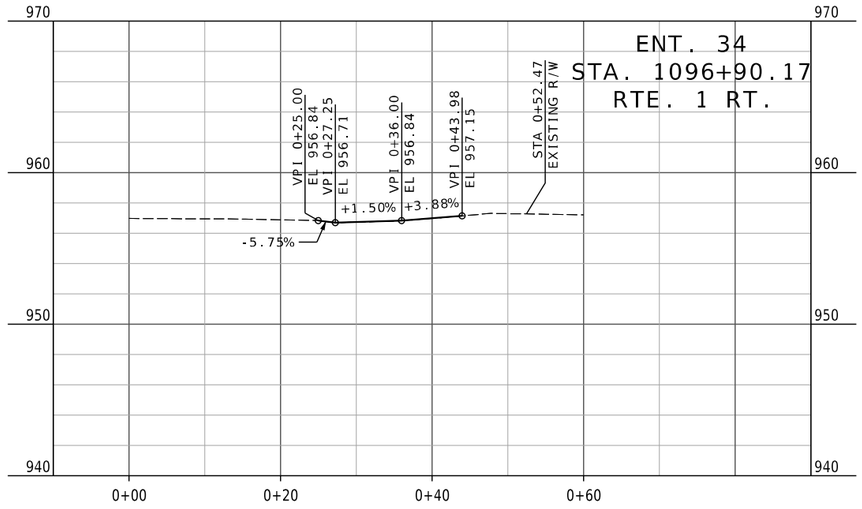
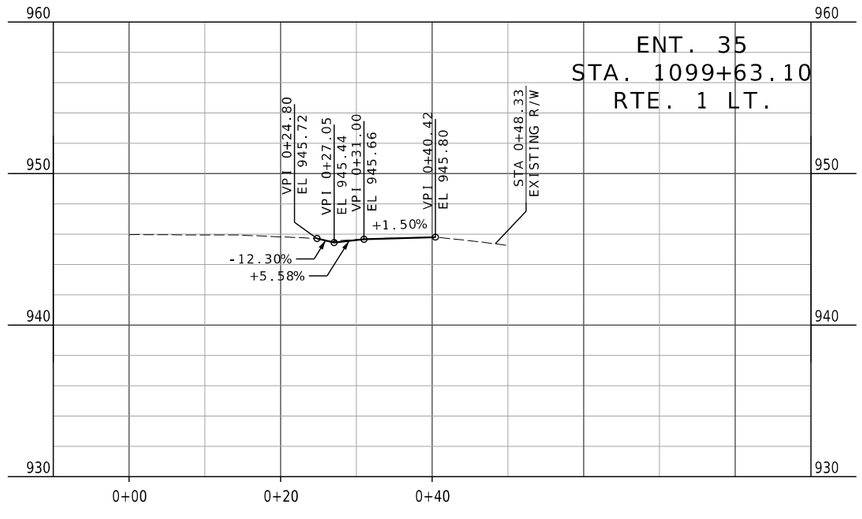
REV.

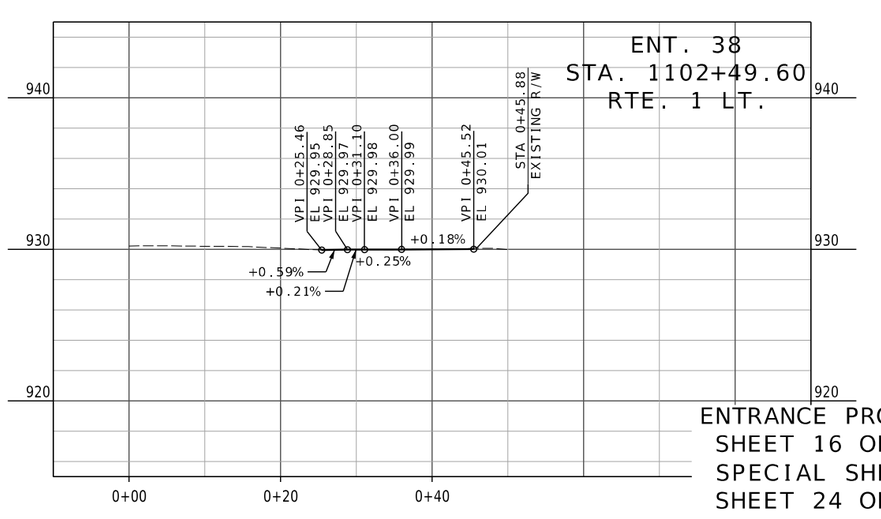












ENTRANCE PROFILE
SHEET 16 OF 19
SPECIAL SHEETS
SHEET 24 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	95

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

REV.

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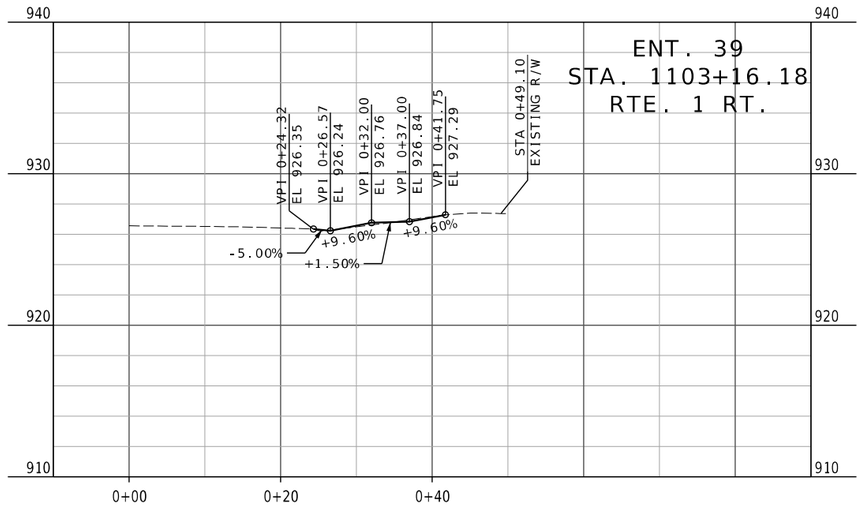

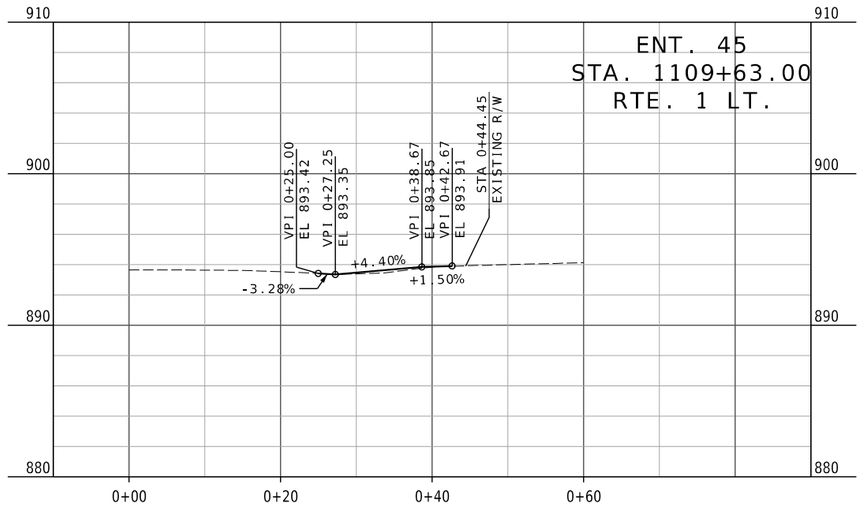

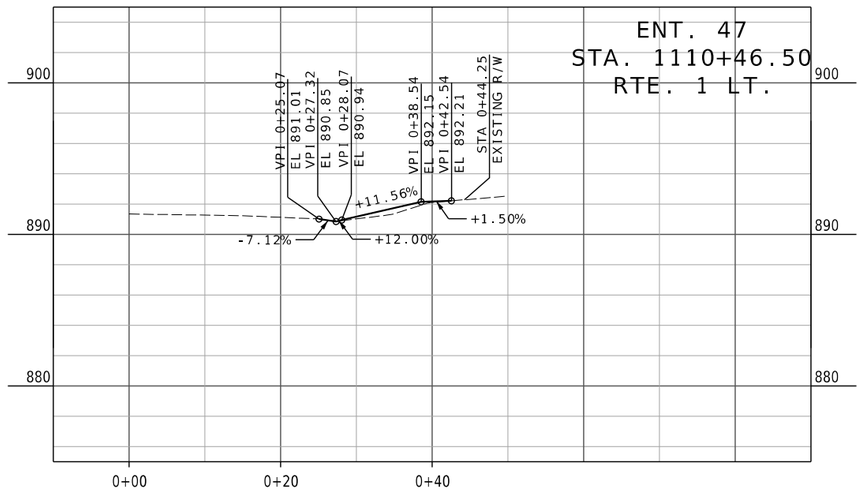

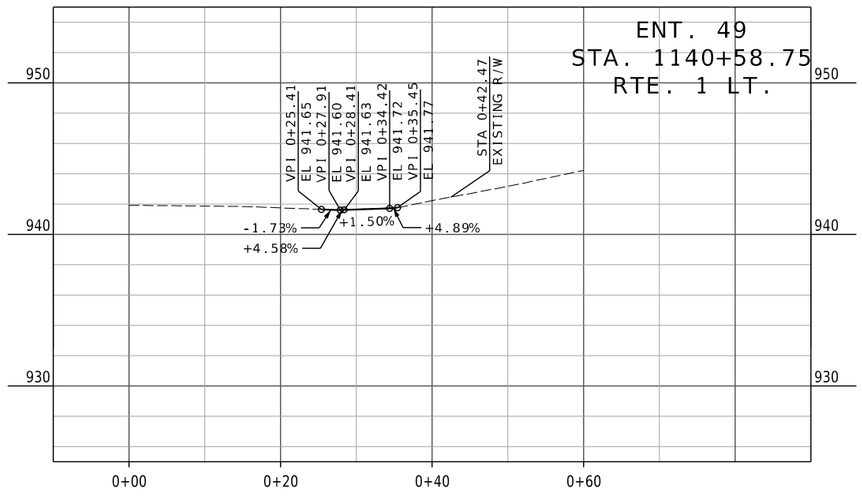

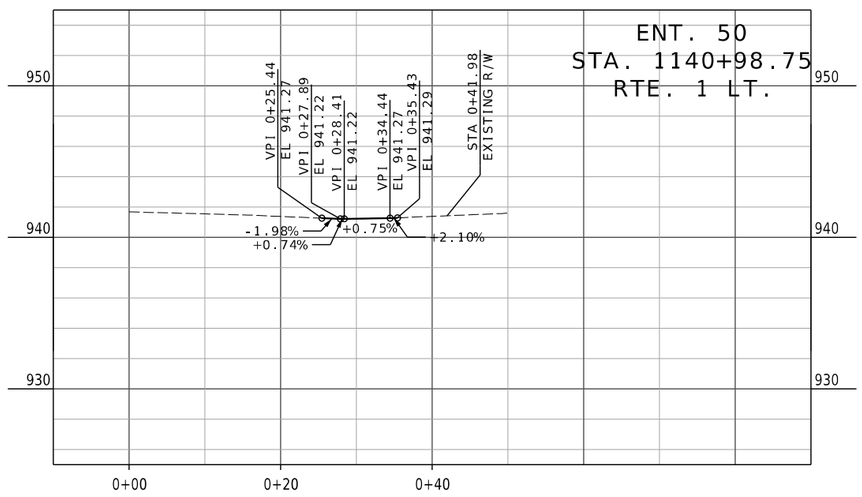

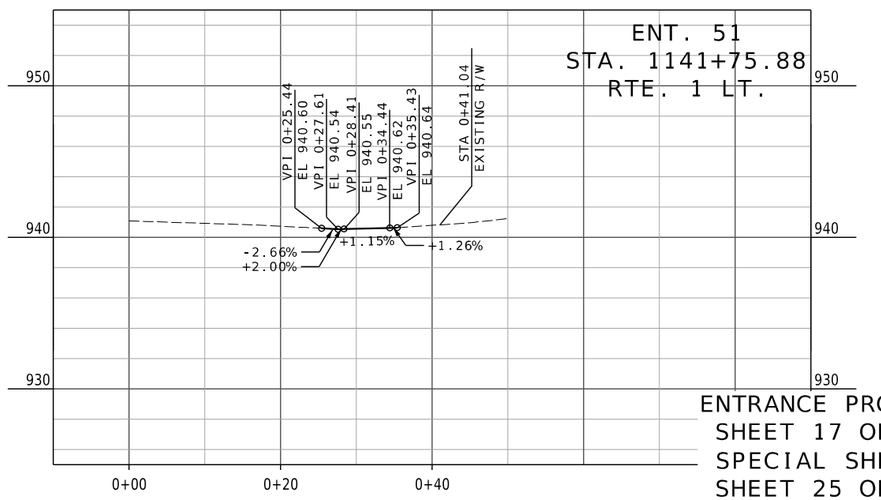

ENTRANCE PROFILE
SHEET 17 OF 19
SPECIAL SHEETS
SHEET 25 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	96

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV.	DESCRIPTION	DATE
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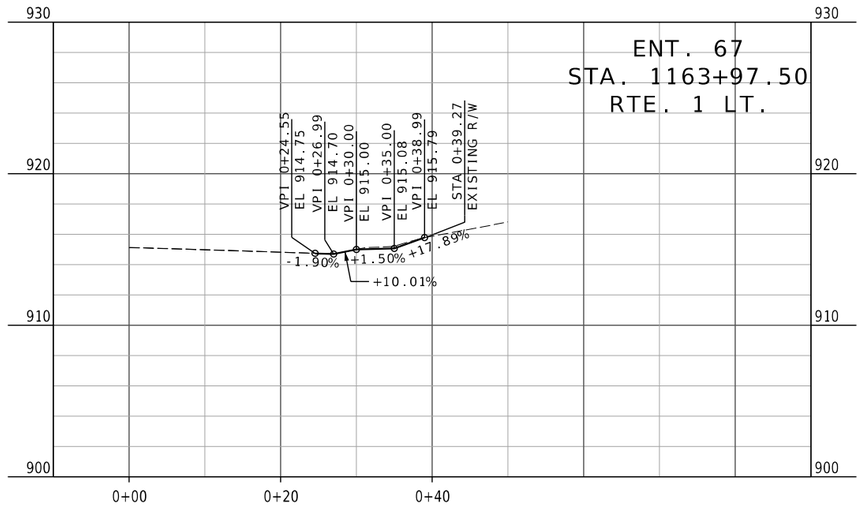
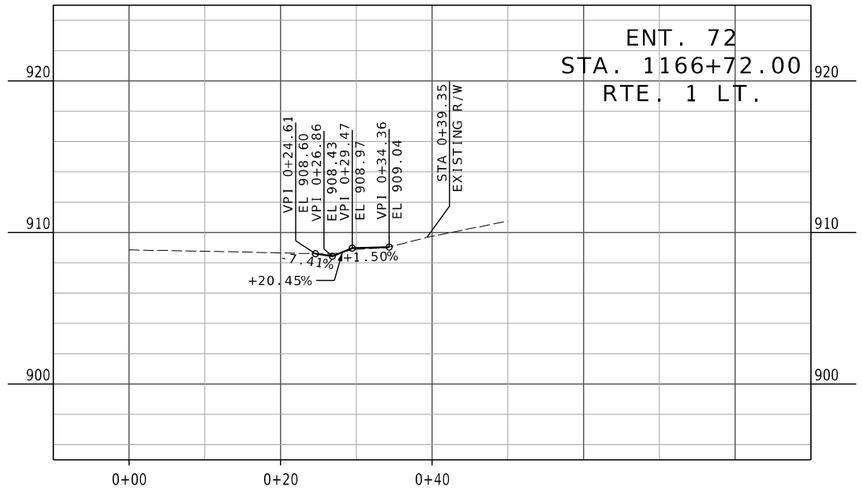
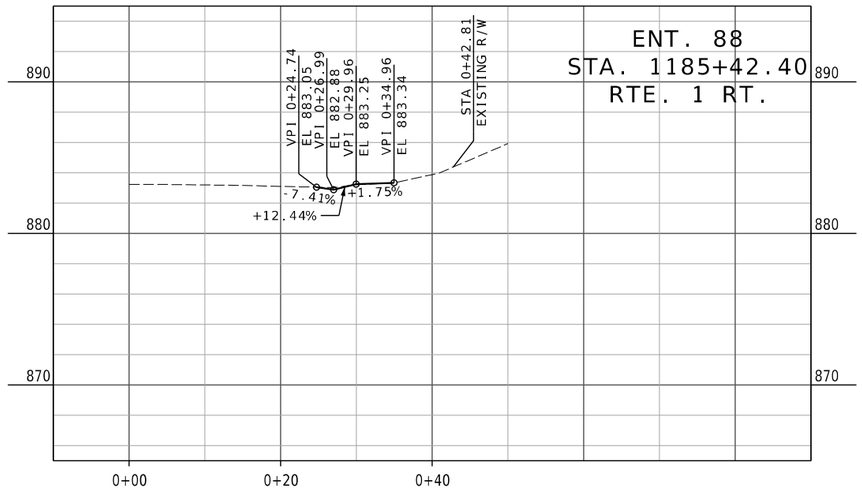
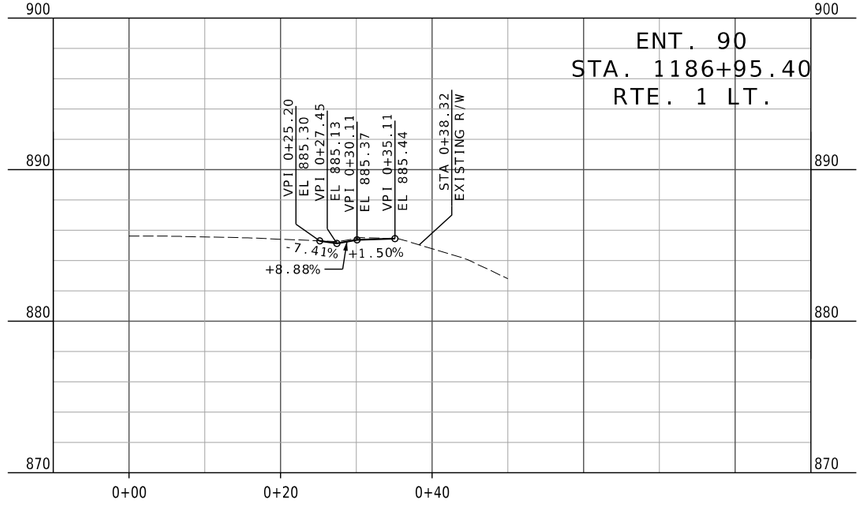
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

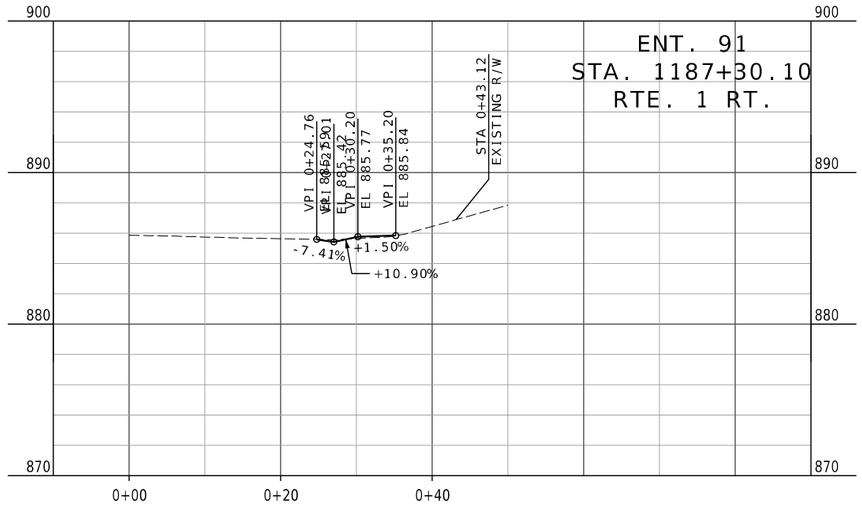
WILSON &COMPANY
ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

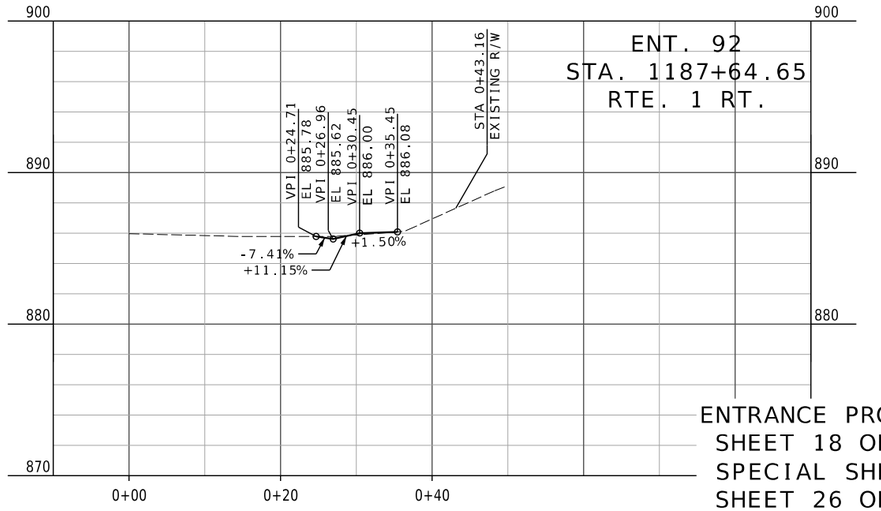












ENTRANCE PROFILE
SHEET 18 OF 19
SPECIAL SHEETS
SHEET 26 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	97

COUNTY
CLAY

JOB NO.
J4S3412

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)

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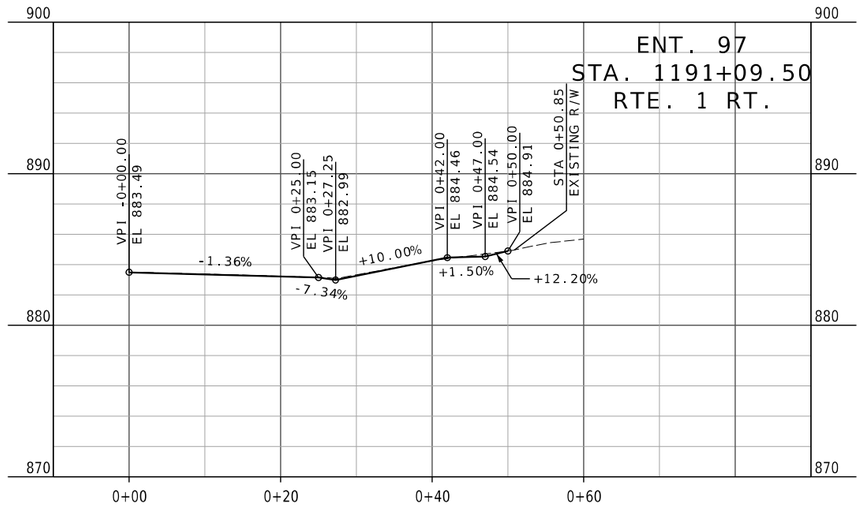
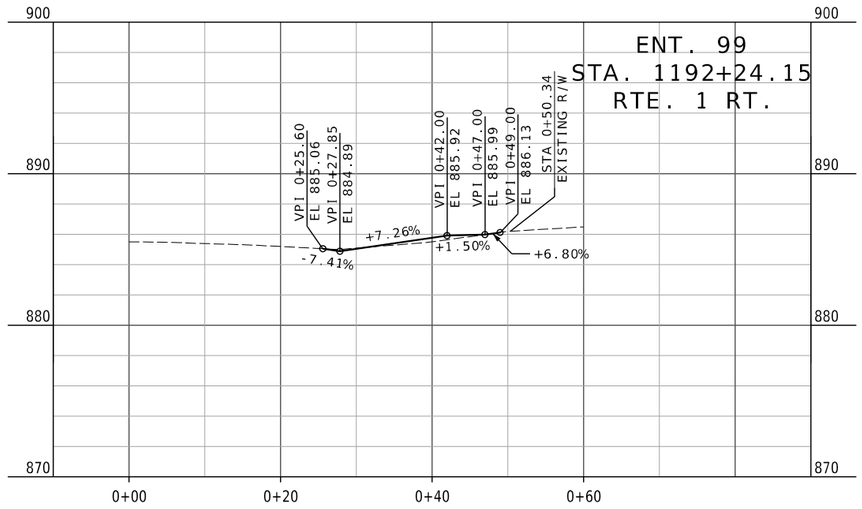
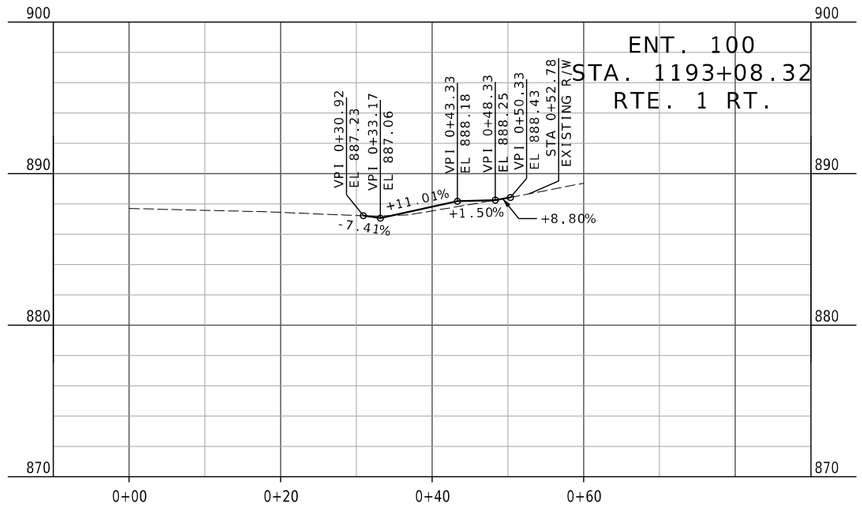
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

REV.

097_SS_18_J4S3412_I10_Rte1_En.dgn 1:13:48 PM 3/3/2025







ENTRANCE PROFILE
SHEET 19 OF 19
SPECIAL SHEETS
SHEET 27 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	98

COUNTY
CLAY

JOB NO.
J4S3412

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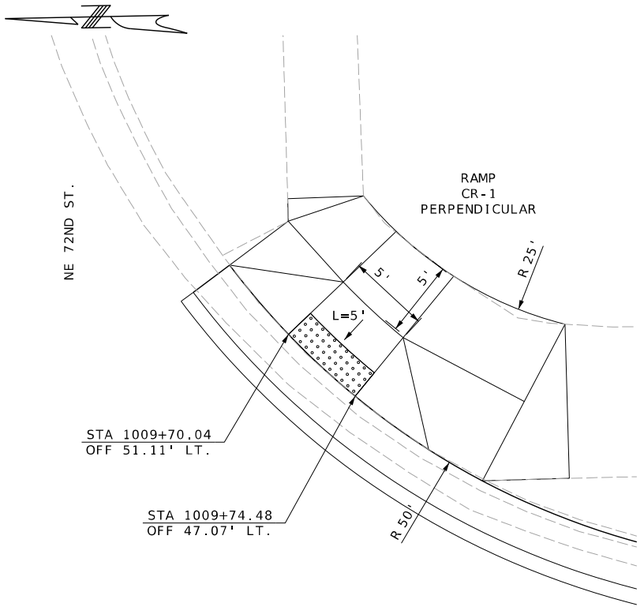
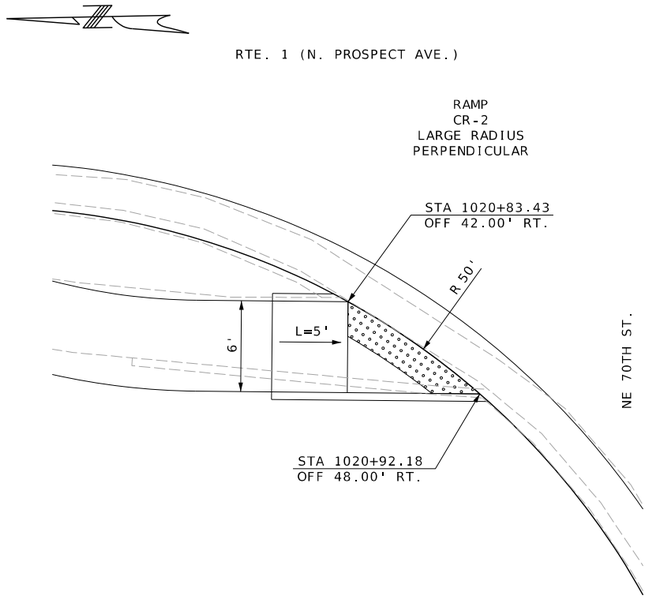
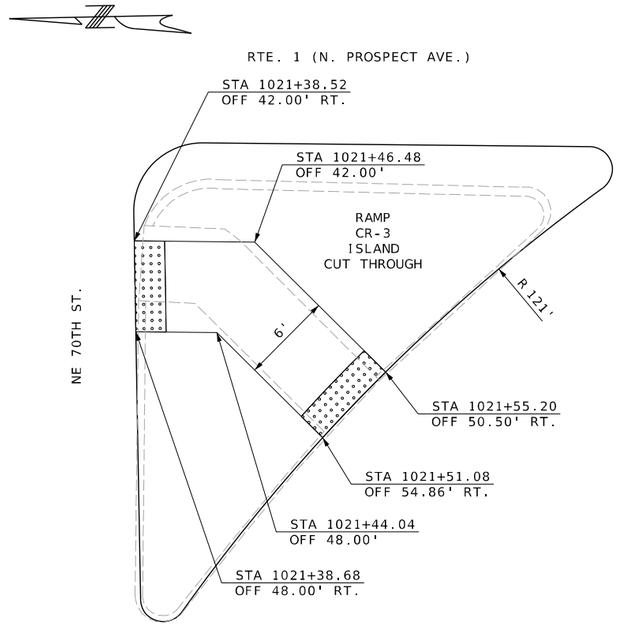
Missouri Cert. of Authority #2003007599

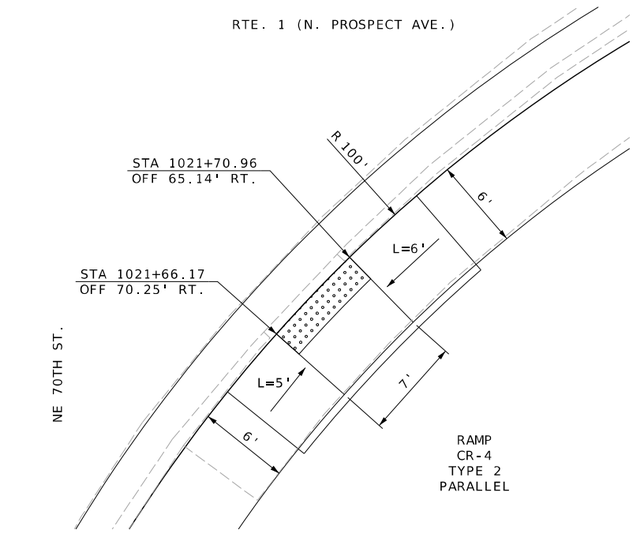
REV.



RTE. 1 (N. PROSPECT AVE.)



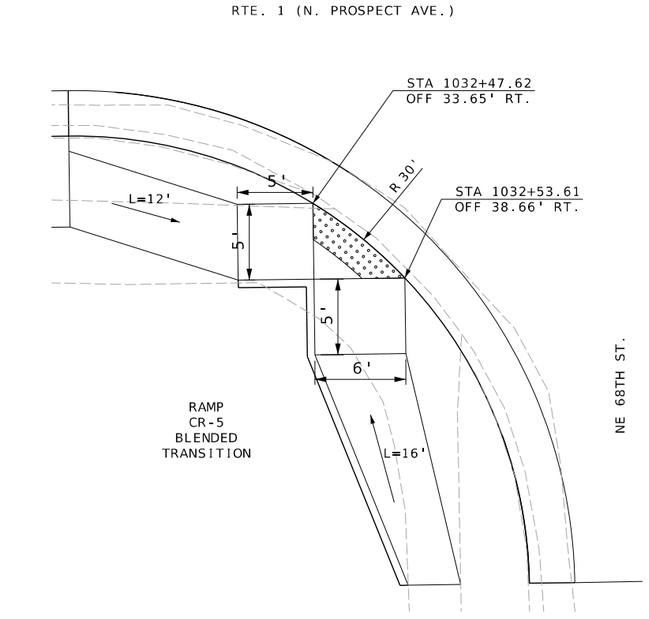


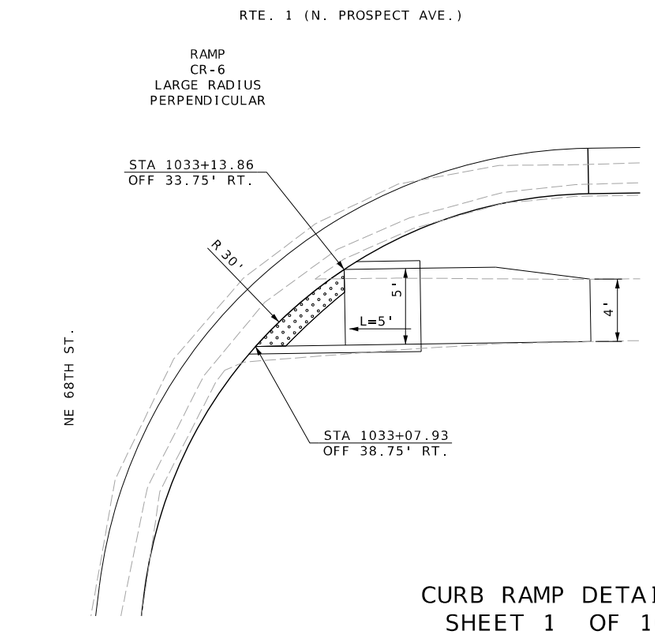


NOTE:
LANDINGS: RUNNING SLOPE- 1% MIN. 2% MAX.
RAMPS: RUNNING SLOPES-8.3% MAX.

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED PART OF THE CURB RAMP OR LANDING.





CURB RAMP DETAILS
SHEET 1 OF 10
SPECIAL SHEETS
SHEET 28 OF 39

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

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	99
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION	DATE
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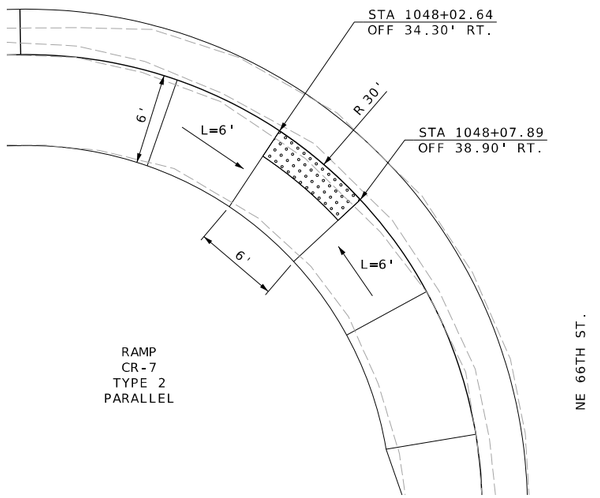
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

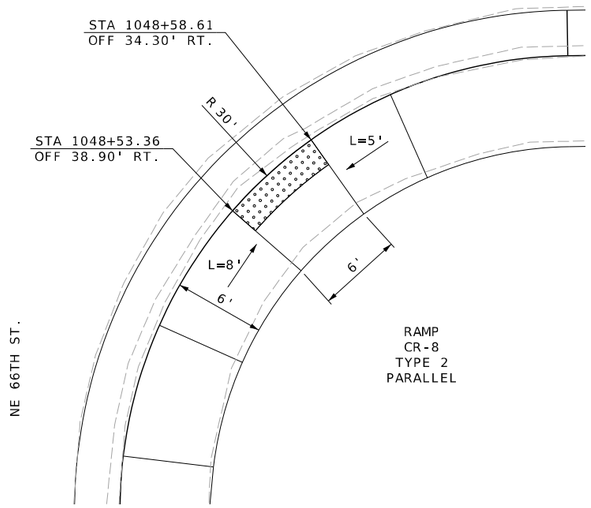
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

RTE. 1 (N. PROSPECT AVE.)



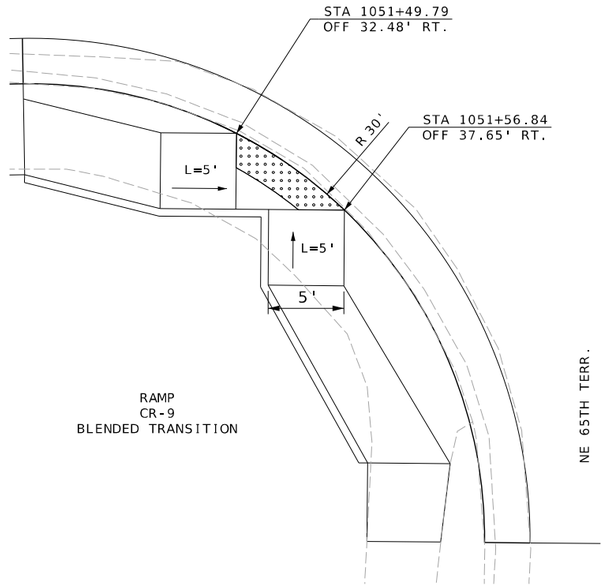
RAMP
CR-7
TYPE 2
PARALLEL

RTE. 1 (N. PROSPECT AVE.)



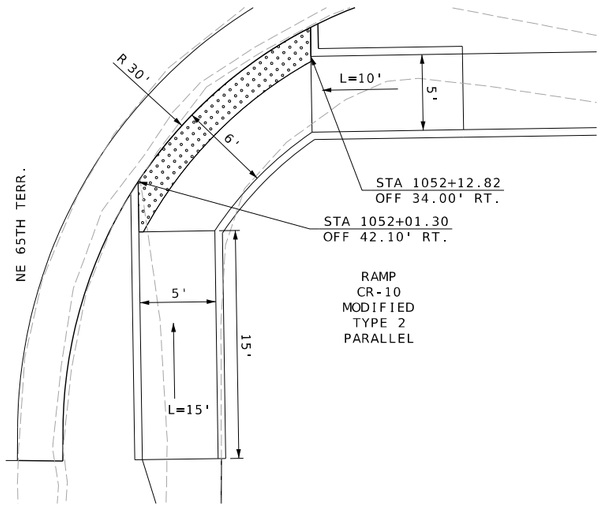
RAMP
CR-8
TYPE 2
PARALLEL

RTE. 1 (N. PROSPECT AVE.)



RAMP
CR-9
BLENDED TRANSITION

RTE. 1 (N. PROSPECT AVE.)



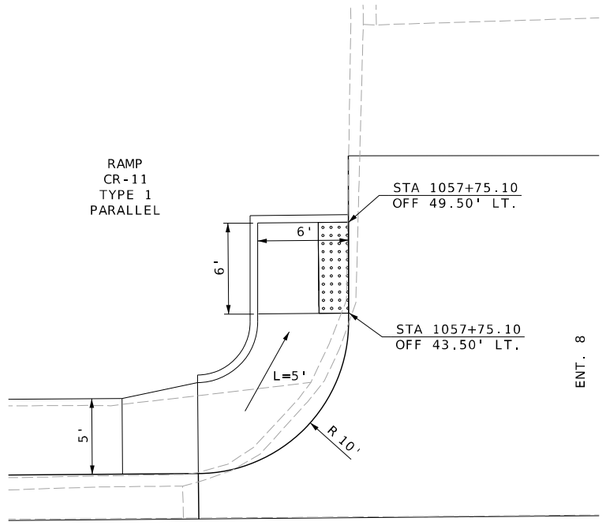
RAMP
CR-10
MODIFIED
TYPE 2
PARALLEL

NOTE:
LANDINGS:
RUNNING SLOPE- 1% MIN.
2% MAX.

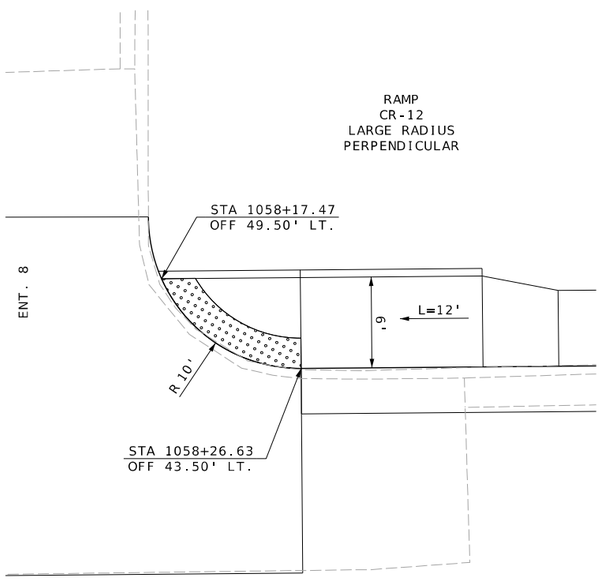
RAMPS:
RUNNING SLOPES-8.3% MAX.

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY.
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED
PART OF THE CURB RAMP OR LANDING.



RTE. 1 (N. PROSPECT AVE.)



RTE. 1 (N. PROSPECT AVE.)

CURB RAMP DETAILS
SHEET 2 OF 10
SPECIAL SHEETS
SHEET 29 OF 39

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
3/28/2025	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 100
COUNTY CLAY	
JOB NO. J4S3412	
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)

800 E 101st Terr., Ste. 200
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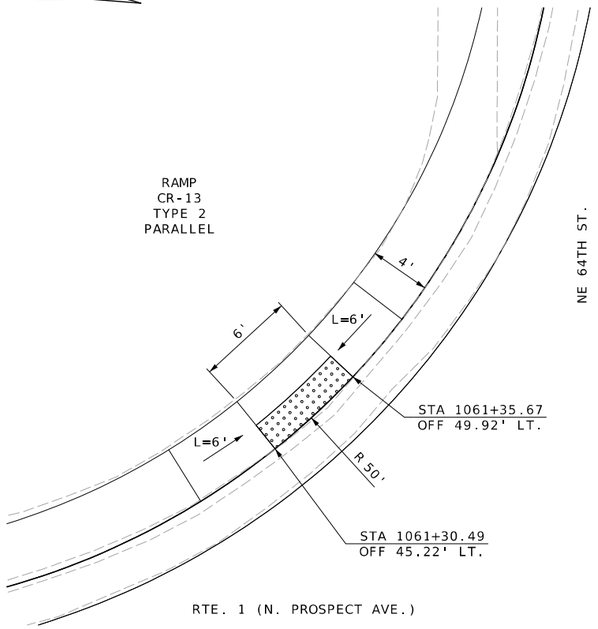
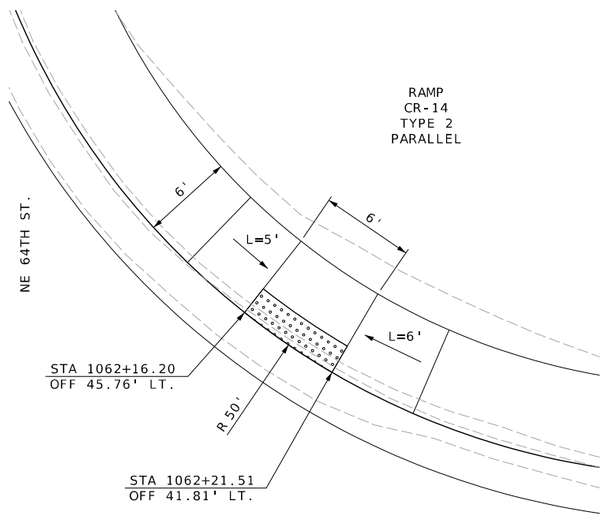
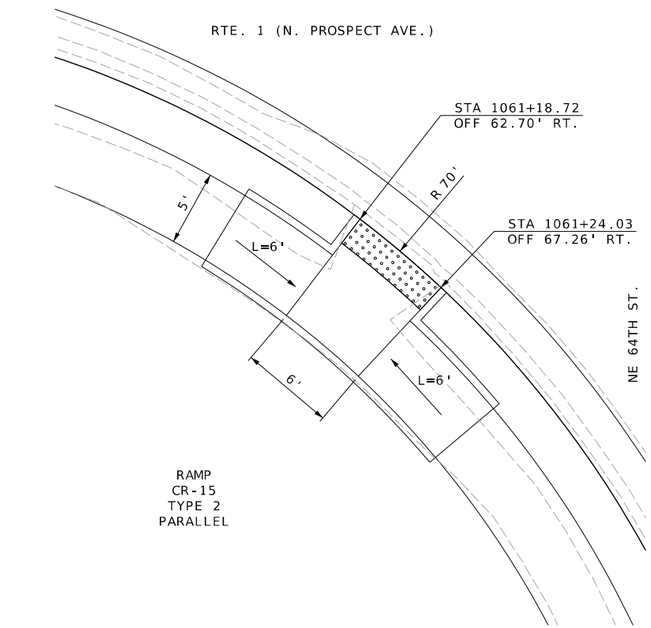
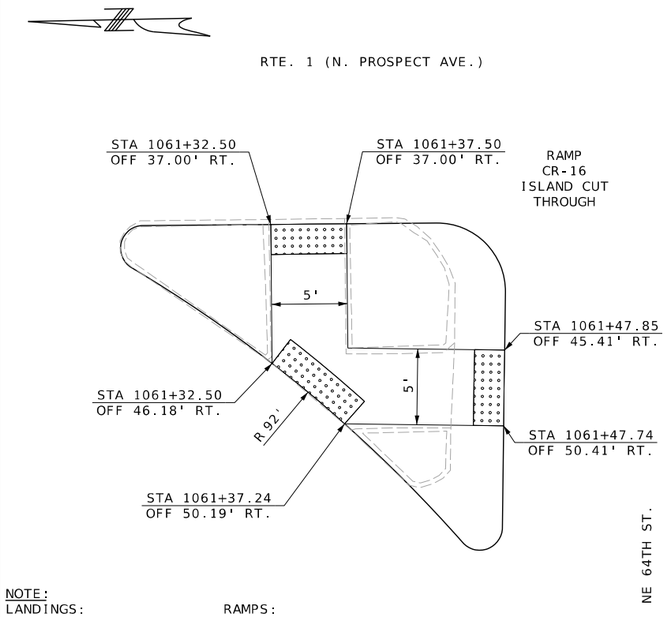
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

WILSON &COMPANY ENGINEERS & ARCHITECTS









NOTE:
LANDINGS: RAMPS:
RUNNING SLOPE-1% MIN. RUNNING SLOPES-8.3% MAX.
2% MAX.

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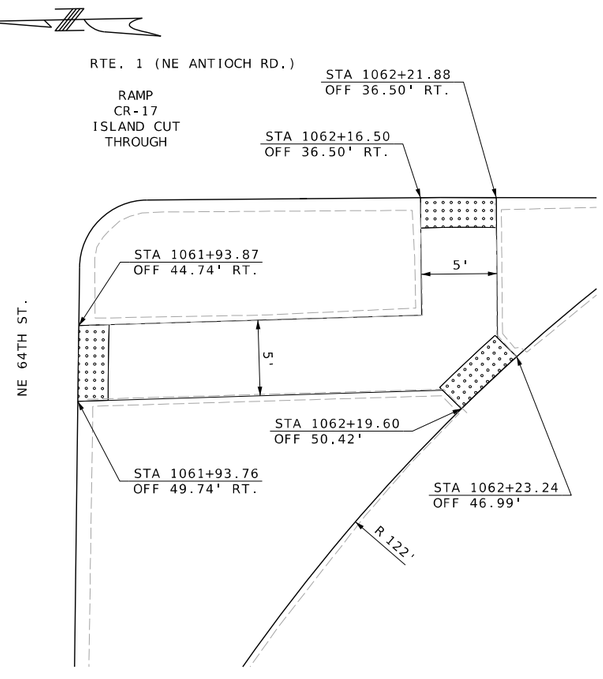

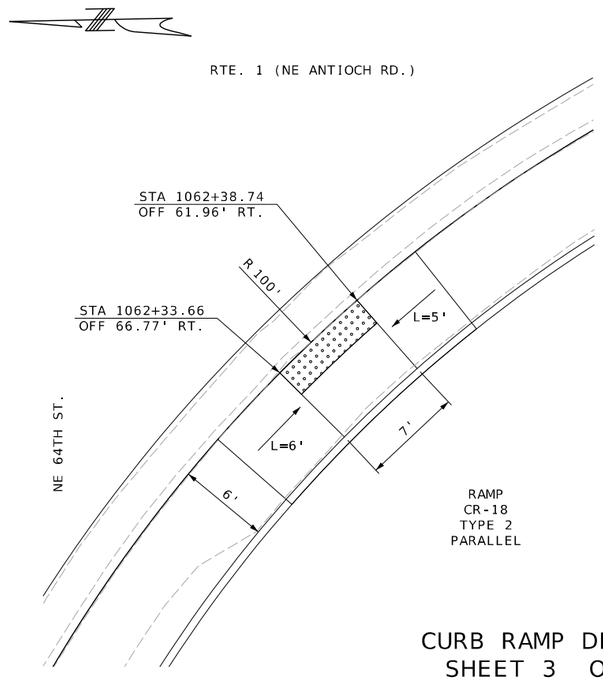

CURB RAMP DETAILS
SHEET 3 OF 10
SPECIAL SHEETS
SHEET 30 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	101

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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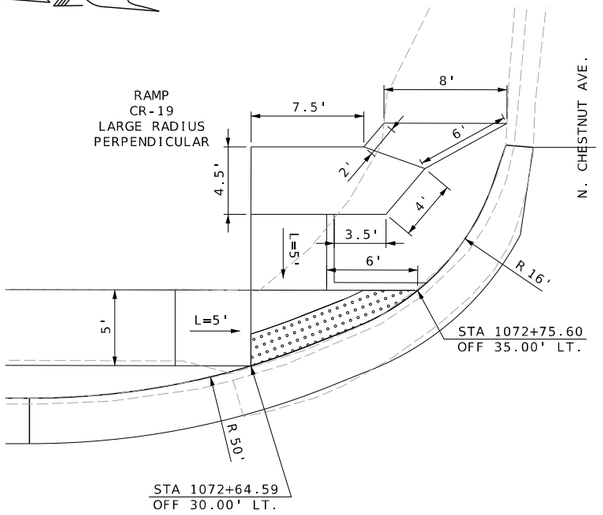
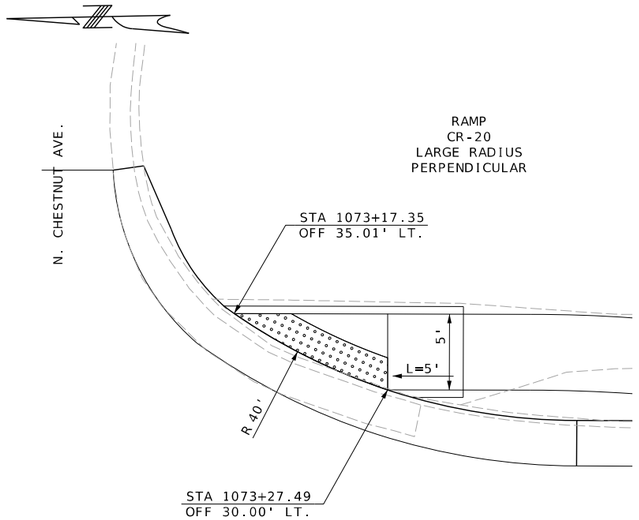
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)

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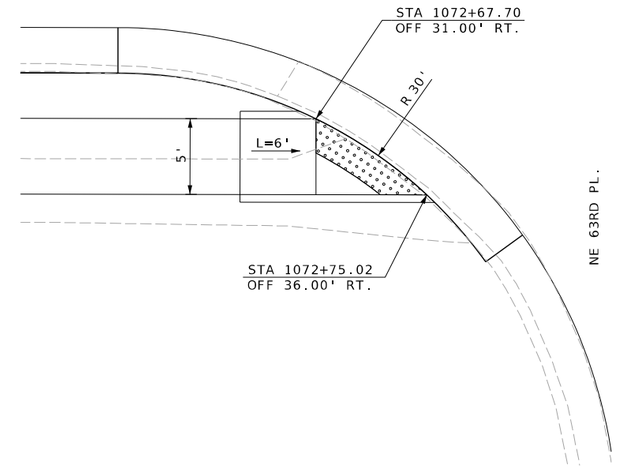
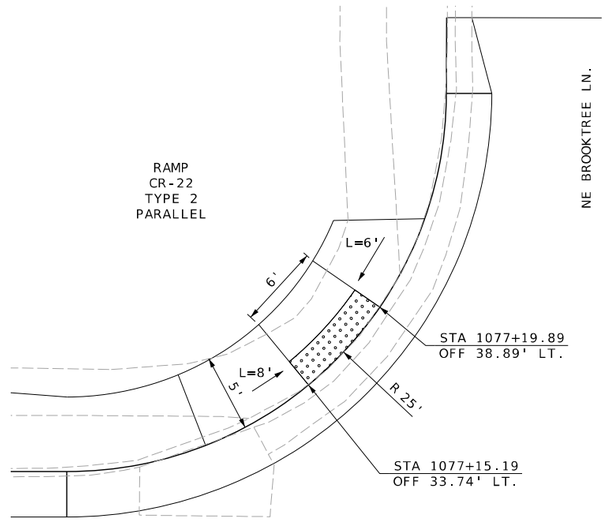


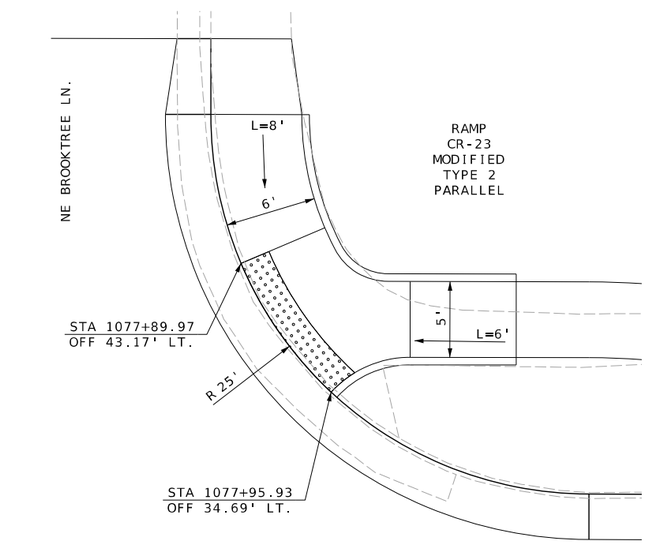


NOTE:
LANDINGS: RAMPS:
RUNNING SLOPE-1% MIN. RUNNING SLOPES-8.3% MAX.
2% MAX.

RTE. 1 (NE ANTIOCH RD.)

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY.
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED
PART OF THE CURB RAMP OR LANDING.



RTE. 1 (NE ANTIOCH RD.)

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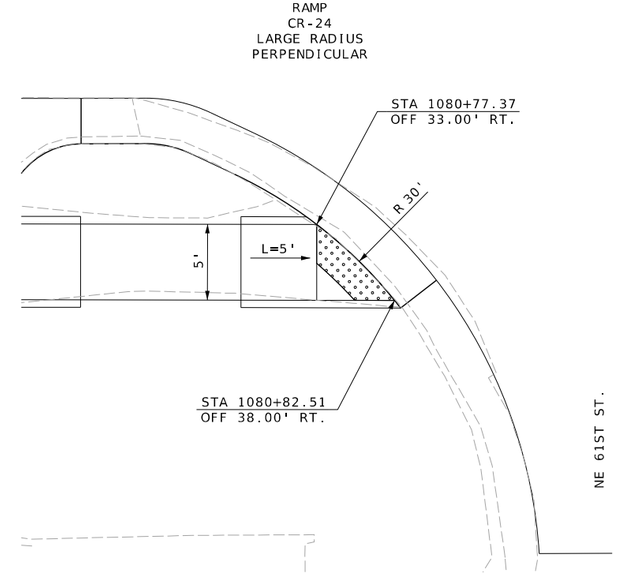

CURB RAMP DETAILS
SHEET 4 OF 10
SPECIAL SHEETS
SHEET 31 OF 39

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	102

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

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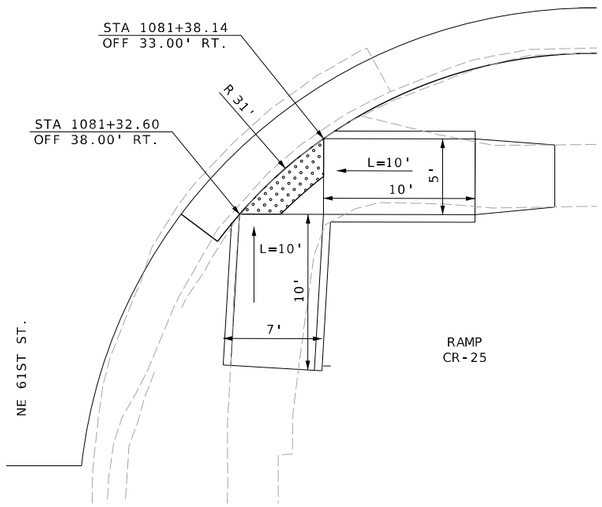
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

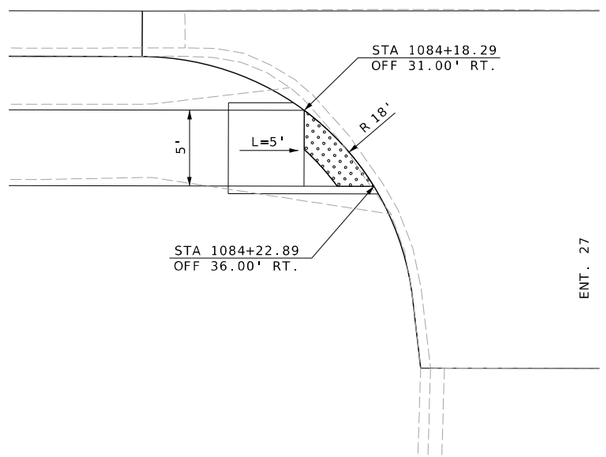
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

RTE. 1 (NE ANTIOCH RD.)

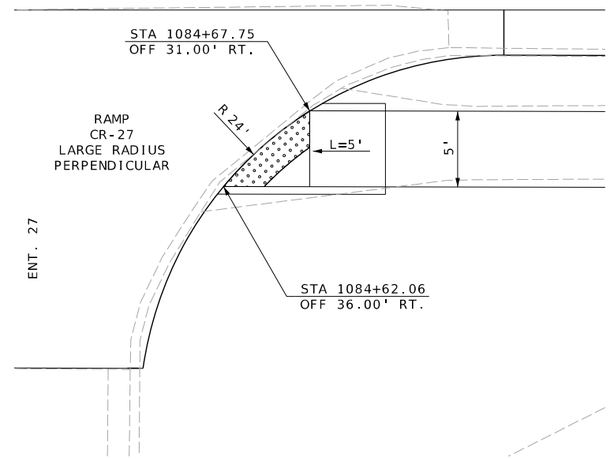


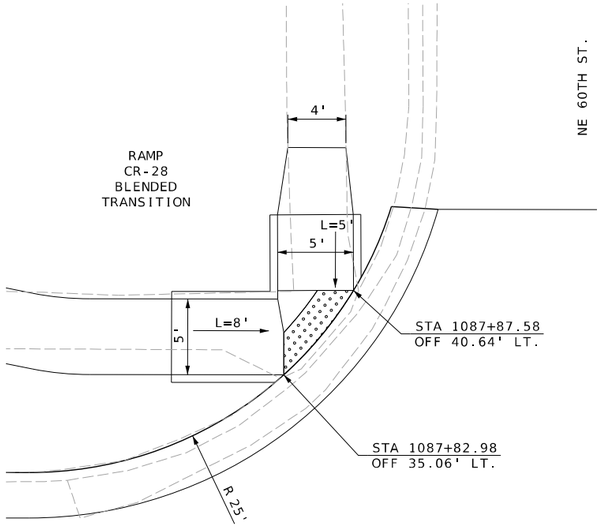
RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-26
LARGE RADIUS
PERPENDICULAR



RTE. 1 (NE ANTIOCH RD.)





NOTE:
LANDINGS:
RUNNING SLOPE- 1% MIN.
2% MAX.

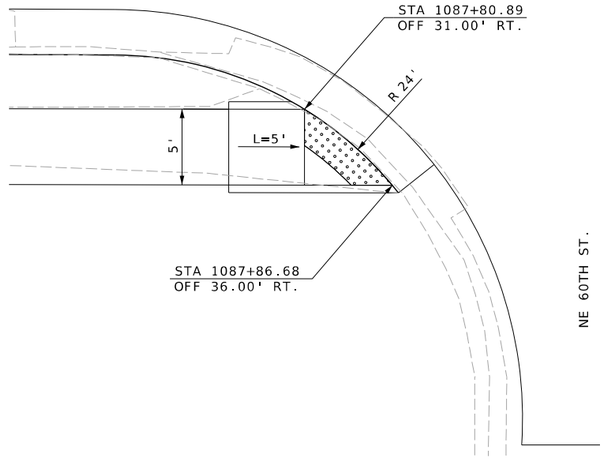
RAMPS:
RUNNING SLOPES-8.3% MAX.

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY.
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED PART OF THE CURB RAMP OR LANDING.

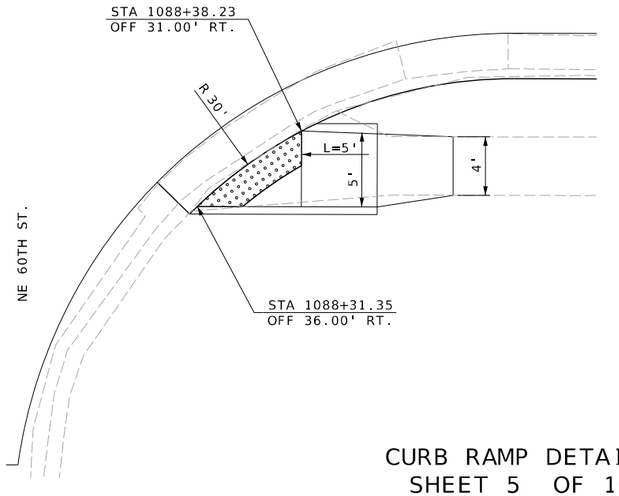
RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-13
LARGE RADIUS
PERPENDICULAR



RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-30
LARGE RADIUS
PERPENDICULAR



CURB RAMP DETAILS
SHEET 5 OF 10
SPECIAL SHEETS
SHEET 32 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	103

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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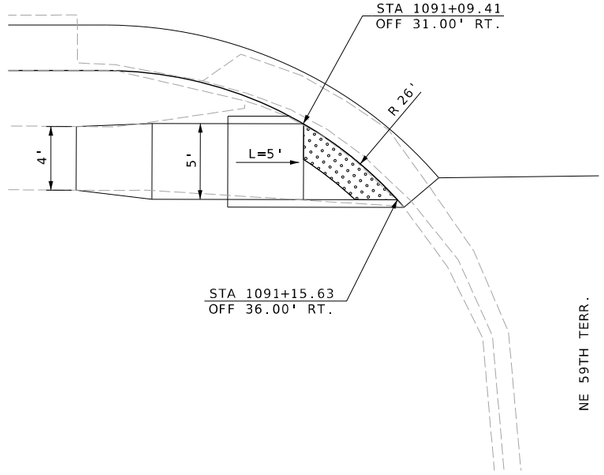
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

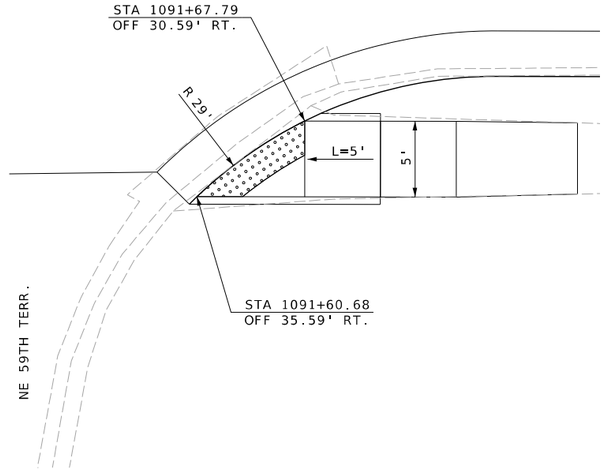
RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-31
LARGE RADIUS
PERPENDICULAR



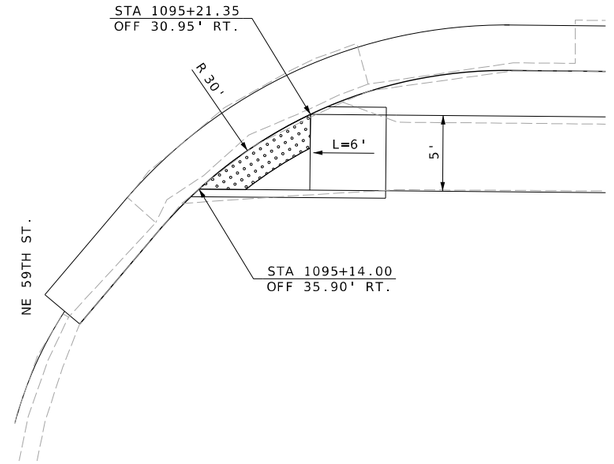
RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-32
LARGE RADIUS
PERPENDICULAR

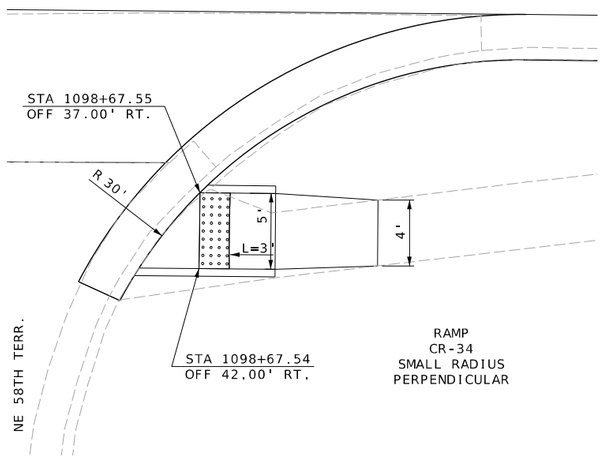


RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-33
LARGE RADIUS
PERPENDICULAR

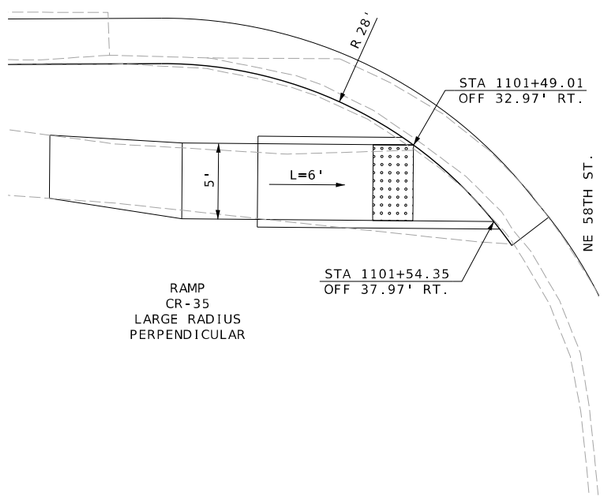


RTE. 1 (NE ANTIOCH RD.)



RAMP
CR-34
SMALL RADIUS
PERPENDICULAR

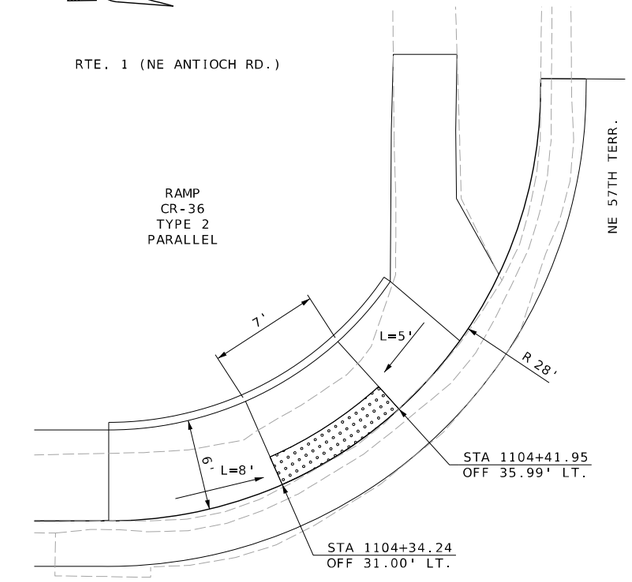
RTE. 1 (NE ANTIOCH RD.)



RAMP
CR-35
LARGE RADIUS
PERPENDICULAR

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-36
TYPE 2
PARALLEL



NOTE:
LANDINGS: RUNNING SLOPE- 1% MIN. 2% MAX.
RAMPS: RUNNING SLOPES-8.3% MAX.

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY.
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED PART OF THE CURB RAMP OR LANDING.

CURB RAMP DETAILS
SHEET 6 OF 10
SPECIAL SHEETS
SHEET 33 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	104

COUNTY
CLAY

JOB NO.
J4S3412

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)

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
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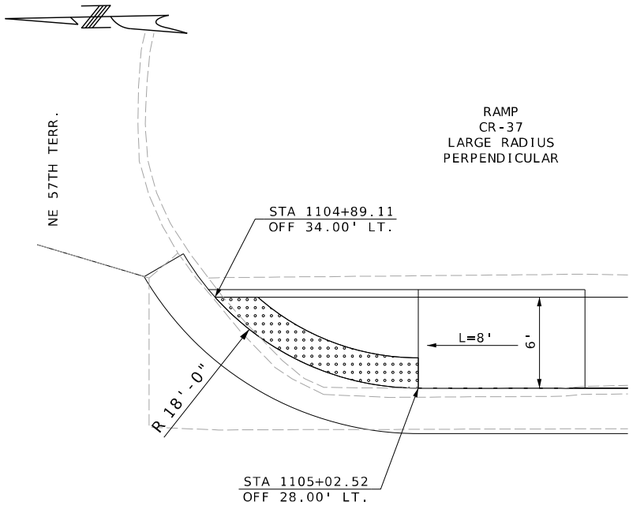
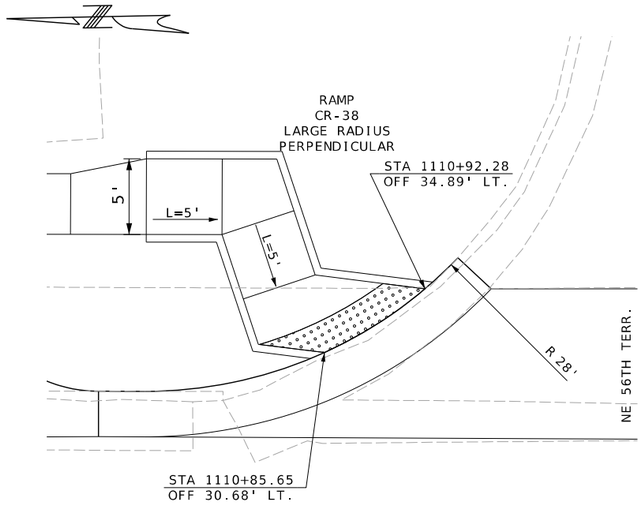
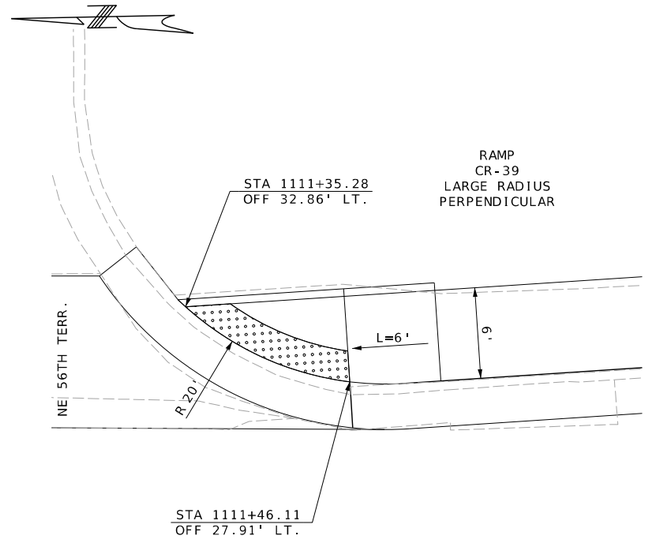
WILSON &COMPANY ENGINEERS & ARCHITECTS



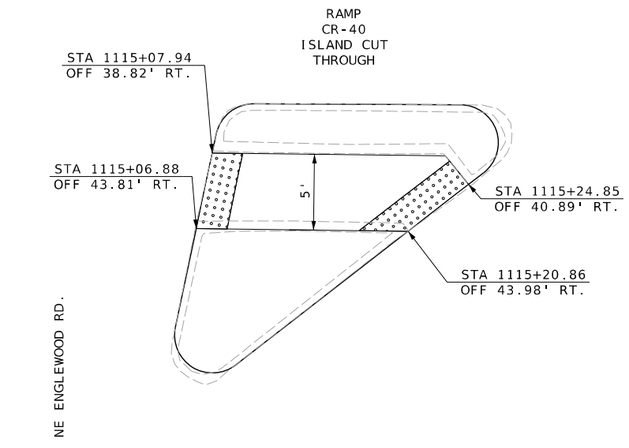
RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)



NOTE:
LANDINGS: RUNNING SLOPE-1% MIN. 2% MAX.
RAMPS: RUNNING SLOPES-8.3% MAX.

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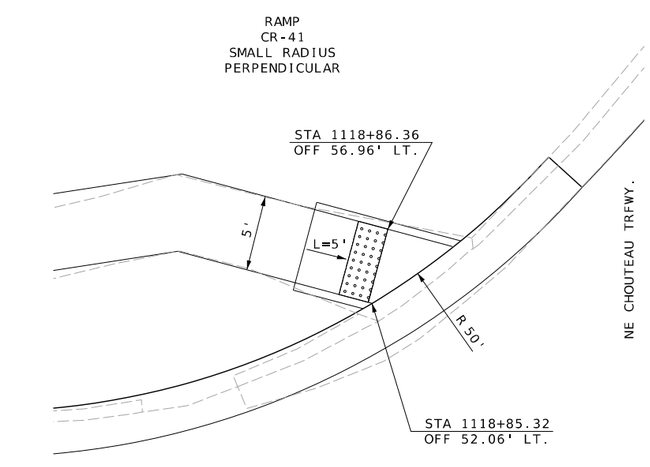
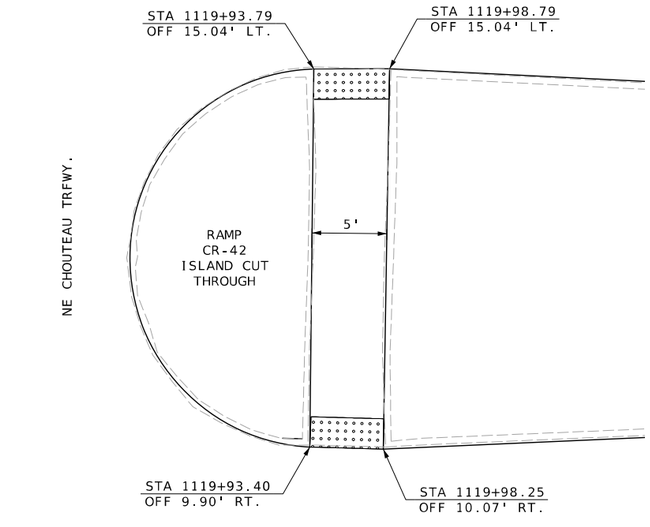


RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)

CURB RAMP DETAILS
SHEET 7 OF 10
SPECIAL SHEETS
SHEET 34 OF 39

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

DATE PREPARED 3/28/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 105
COUNTY CLAY
JOB NO. J4S3412
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)

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

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-43
LARGE RADIUS
PERPENDICULAR

STA 1136+39.85
OFF 28.24' RT.

R 29'

6'

L=6'

NE 52ND TERR.

STA 1136+22.19
OFF 34.25' RT.

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-44
LARGE RADIUS
PERPENDICUALR

STA 1138+55.63
OFF 28.05' RT.

R 30'

6'

L=6'

NE 52ND ST.

STA 1138+73.63
OFF 34.03' RT.

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-45
SMALL RADIUS
PERPENDICULAR

STA 1141+69.58
OFF 49.63' LT.

5'

L=5'

R 25'

ENT. 52

STA 1141+69.62
OFF 44.90' LT.

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-46
SMALL RADIUS
PERPENDICULAR

STA 1141+98.28
OFF 48.99' LT.

ENT. 52

R 25'

L=8'

5'

STA 1141+98.28
OFF 44.38' LT.

RTE. 1 (NE ANTIOCH RD.)

NOTE:
LANDINGS: RUNNING SLOPE-1% MIN. 2% MAX.
RAMPS: RUNNING SLOPES-8.3% MAX.

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ENT. 53

RAMP
CR-47
SMALL RADIUS
PERPENDICULAR

STA 1152+54.42
OFF 47.44' LT.

5'

4'

R 64'

L=5'

STA 1152+54.22
OFF 42.44' LT.

RTE. 1 (NE ANTIOCH RD.)

RAMP
CR-48
SMALL RADIUS
PERPENDICUALR

STA 1166+61.69
OFF 34.15' LT.

ENT. 72

4'

5'

L=8'

R 1'

STA 1166+61.68
OFF 29.65' LT.

RTE. 1 (NE ANTIOCH RD.)

CURB RAMP DETAILS
SHEET 8 OF 10
SPECIAL SHEETS
SHEET 35 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	106

COUNTY
CLAY

JOB NO.
J4S3412

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
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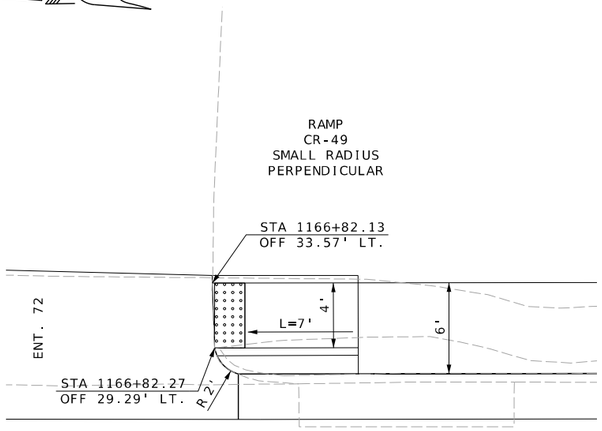
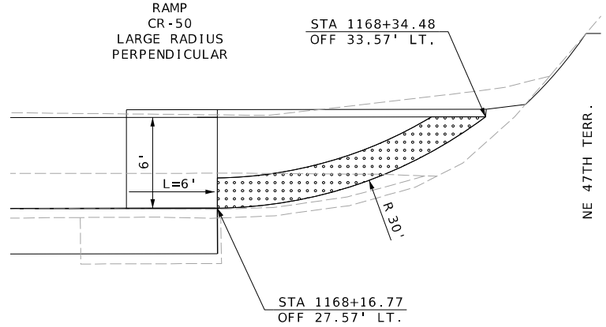
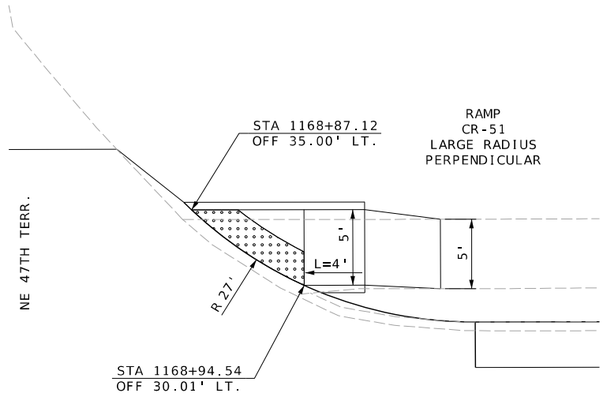


RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)

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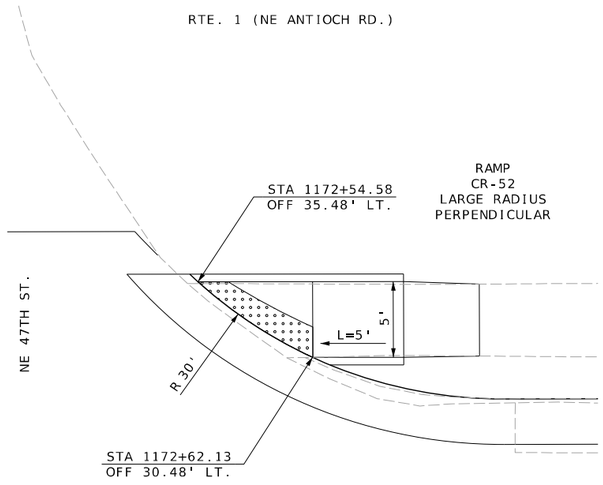

NOTE:
LANDINGS: RAMPS:
RUNNING SLOPE-1% MIN. RUNNING SLOPES-8.3% MAX.
2% MAX.

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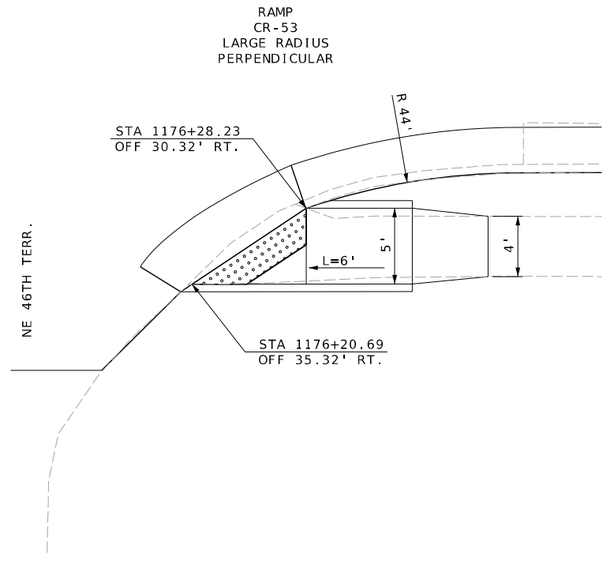
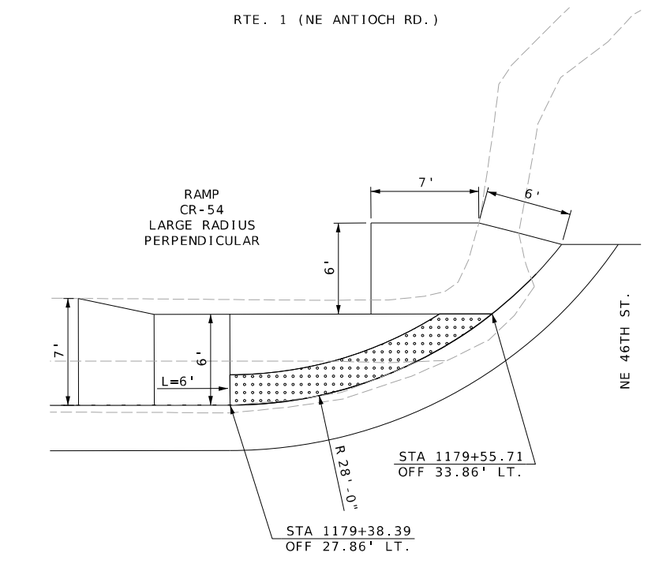
PART OF THE CURB RAMP OR LANDING.

RTE. 1 (NE ANTIOCH RD.)



RTE. 1 (NE ANTIOCH RD.)



CURB RAMP DETAILS
SHEET 9 OF 10
SPECIAL SHEETS
SHEET 36 OF 39

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	107

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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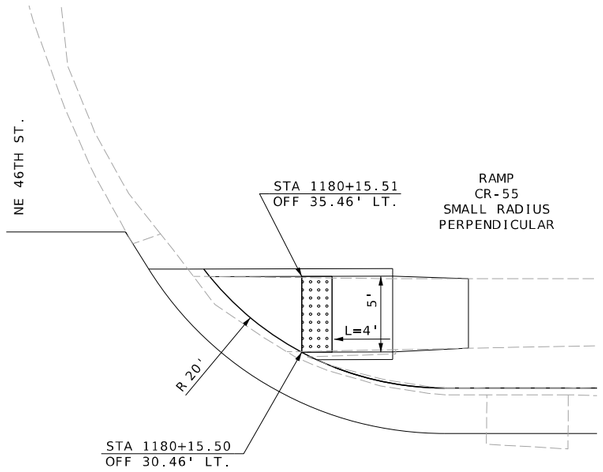
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013

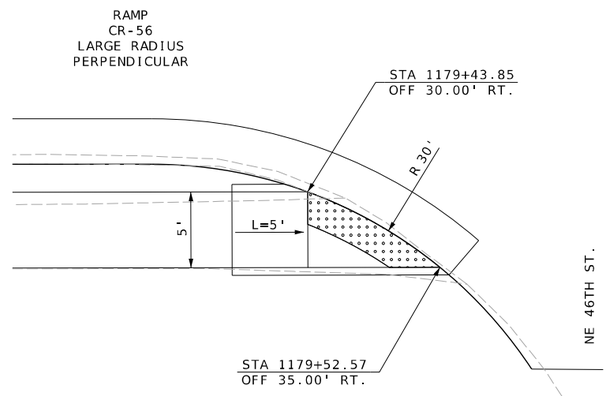
Missouri Cert. of Authority #2003007599

WILSON &COMPANY ENGINEERS & ARCHITECTS



RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)



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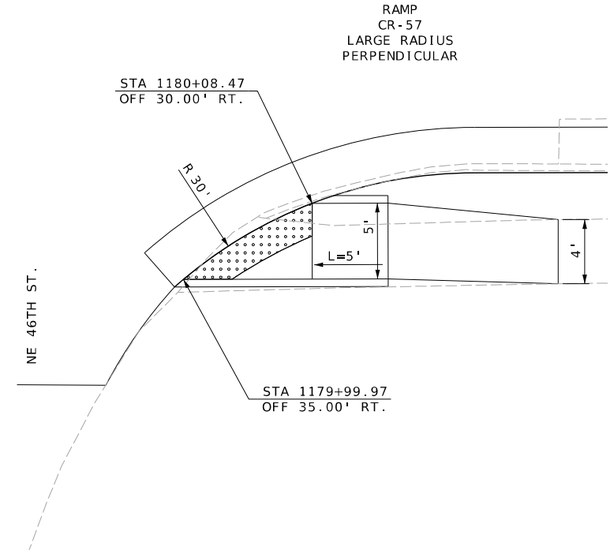

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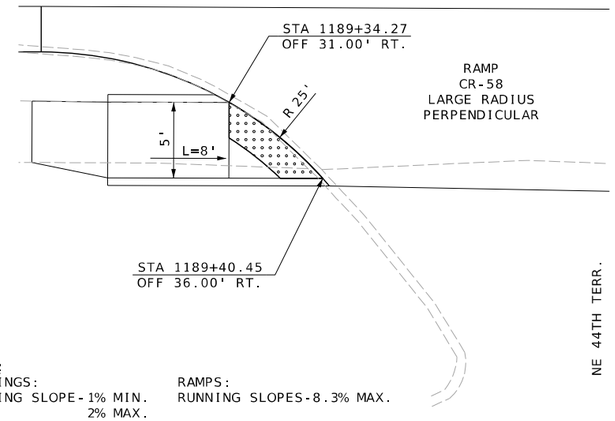


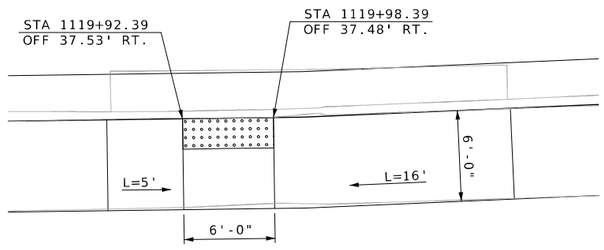
NOTE:
LANDINGS:
RUNNING SLOPE- 1% MIN.
2% MAX.

RAMPS:
RUNNING SLOPES-8.3% MAX.

CURB RAMP LENGTHS ARE FOR INFORMATION PURPOSES ONLY.
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND SLOPES.

NO DIRECT PAYMENT FOR THE VERTICAL CURBS CONSTRUCTED PART OF THE CURB RAMP OR LANDING.

RTE. 1 (NE ANTIOCH RD.)



RAMP
CR-59
TYPE 2
PARALELL

CURB RAMP DETAILS
SHEET 10 OF 10
SPECIAL SHEETS
SHEET 37 OF 39

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	108

COUNTY
CLAY

JOB NO.
J4S3412

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
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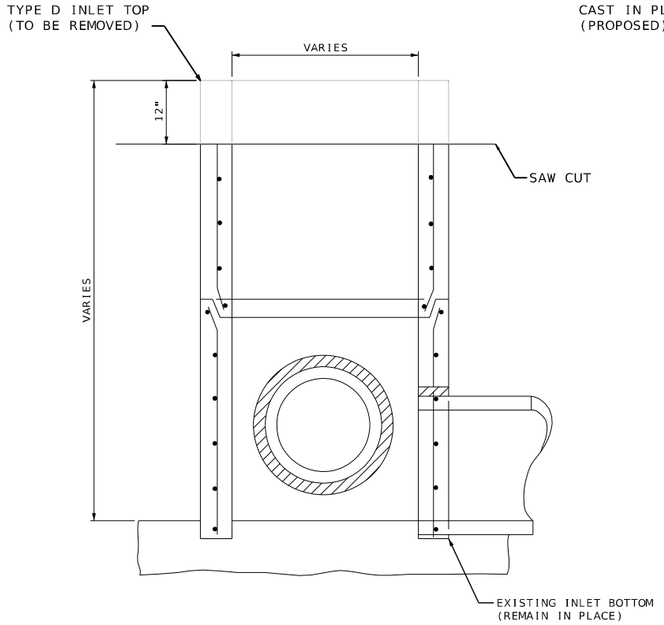
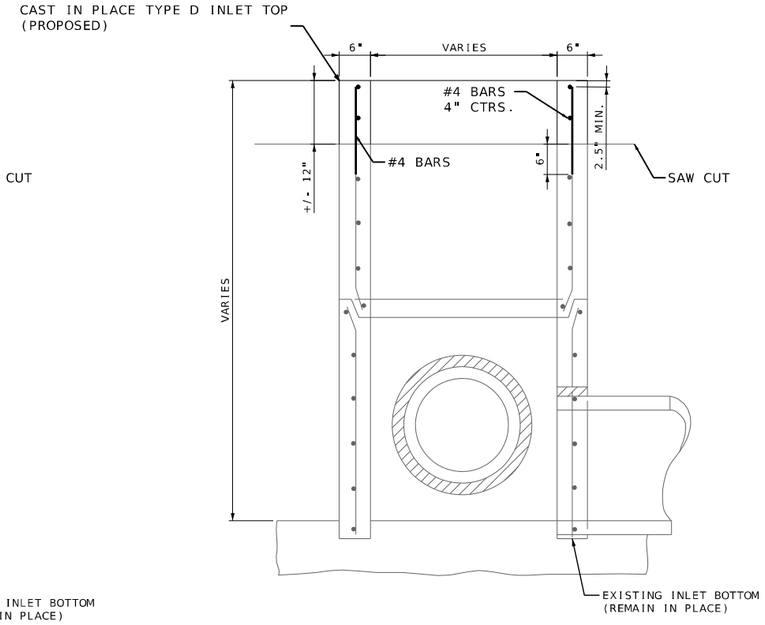


DEMOLITION OF EXIST. TYPE D INLET TOP
NTS



REPLACE TYPE D INLET TOP*
NTS

GENERAL NOTES:

THE SIZE OF THE DROP INLET AND TYPE OF COVER WILL BE DETERMINED BY THE CONTRACTOR.

THE CONFIGURATION DETAILS SHOWN ARE DESCRIPTIVE ONLY AND MAY BE VARIED TO CONFORM WITH ESTABLISHED MANUFACTURING PROCEDURES.

TOP OF DROP INLET RISER SECTION SHALL BE CONSTRUCTED TO THE ELEVATION OF BOTTOM OF SLAB AT THE EDGE OF PAVEMENT OR BOTTOM OF CURB AND GUTTER AT THE DROP INLET.

REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE, REINFORCEMENT SHOWN IS IN ADDITION TO ANY REINFORCEMENT SHWON FOR CONCRETE PAVEMENT OR CURB AND GUTTER.

JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 726.3.1 OF THE STANDARD SPECIFICATIONS.

NO DIRECT PAYMENT WILL BE MADE FOR REINFORCING STEEL.

NO DIRECT PAYMENT WILL BE MADE FOR BENDING REINFORCING STEEL.

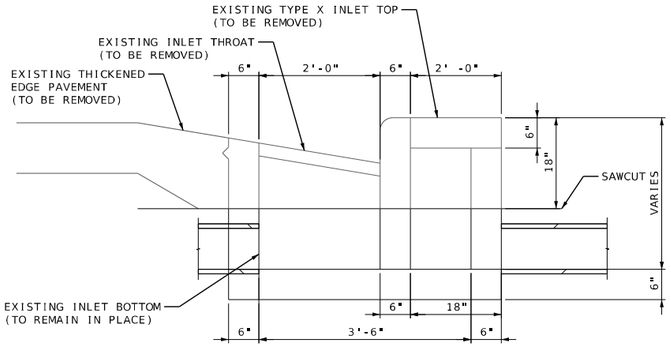
NO DIRECT PAYMENT WILL BE MADE FOR FORMING FOR CURVED VANE GRATES AND FRAME.

THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.

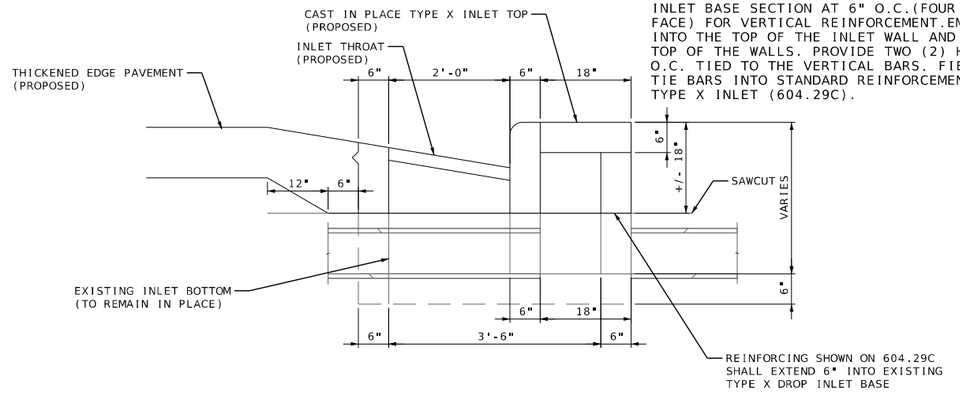
IF ADJUSTING RINGS ARE ENCOUNTERED, THE CONTRACTOR MAY OMIT SAW CUTTING, DRILLING,AND EPOXYING REINFORCEMENT INTO THE INLET BASE. THE CONTRACTOR SHALL REMOVE AND REPLACE ADJUSTING RINGS AS NECESSARY TO MEET FINISHED ROADWAY GRADE.

*CAST IN PLACE RISER NOTE: RISER HEIGHT SHALL BE CONSTRUCTED TO MATCH BOTTOM OF PROPOSED TYPE D CURB AND GUTTER PRECAST DROP INLET COVER. DRILL & EPOXY #4 REBAR INTO THE TOP OF THE SAWCUT FACE OF THE INLET BASE SECTION AT 10" O.C. (FOUR VERTICAL BARS MIN. IN EACH FACE) FOR VERTICAL REINFORCEMENT. EMBED VERTICAL #4 BARS 6" INTO THE TOP OF THE INLET WALL AND EXTEND BARS 9.5" ABOVE THE TOP OF THE WALLS. PROVIDE TWO (2) HORIZONTAL #4 BARS AT 4" O.C. TIED TO THE VERTICAL BARS.PROVIDE A MINIMUM 2.5" COVER ON ALL REINFORCEMENT. FIELD BEND BARS TO PROVIDE CONTINUOUS REINFORCEMENT AROUND THE CORNERS OF THE INLET WITHIN THE RISER SECTION. CAST WITH 4,000 PSI CONCRETE AND PROVIDE SMOOTH TOP FOR PLACEMENT OF INLET TOP SECTION.INLET TOP SECTION SHALL BE CONSTRUCTED TO TYPE D CURB AND GUTTER STANDARD (4 OF 8)(731.10S).

**CAST IN PLACE TYPE X INLET TOP NOTE: TYPE X INLET TOP HEIGHT SHALL BE ADJUSTED TO MATCH PROPOSED CURB AND GUTTER HEIGHT. DRILL & EPOXY #4 REBAR INTO THE TOP OF THE SAWCUT FACE OF THE INLET BASE SECTION AT 6" O.C.(FOUR VERTICAL BARS MIN. IN EACH FACE) FOR VERTICAL REINFORCEMENT.EMBED VERTICAL #4 BARS 6" INTO THE TOP OF THE INLET WALL AND EXTEND BARS 6" ABOVE THE TOP OF THE WALLS. PROVIDE TWO (2) HORIZONTAL #4 BARS AT 6" O.C. TIED TO THE VERTICAL BARS. FIELD BEND BARS TO PROVIDE TIE BARS INTO STANDARD REINFORCEMENT CONSTRUCTION OF TYPE X INLET (604.29C).



DEMOLITION OF EXIST. TYPE X INLET TOP
NTS



REPLACE TYPE X INLET TOP**
NTS

INLET DETAILS
SPECIAL SHEETS
SHEET 38 OF 39

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	109

COUNTY: CLAY
JOB NO.: J4S3412
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)

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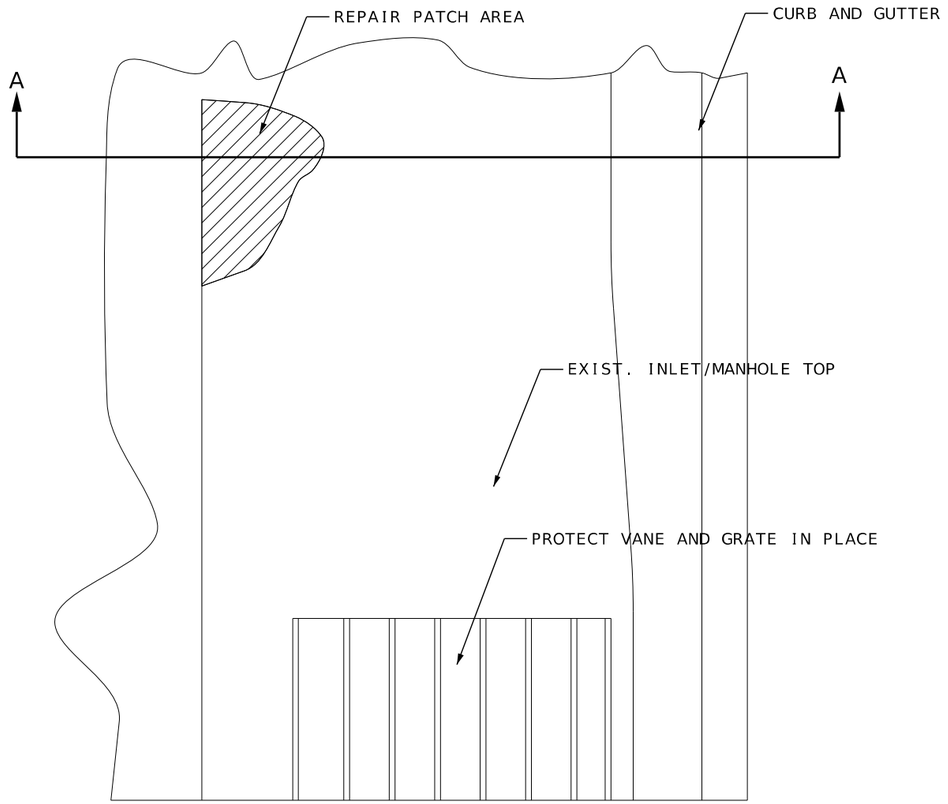
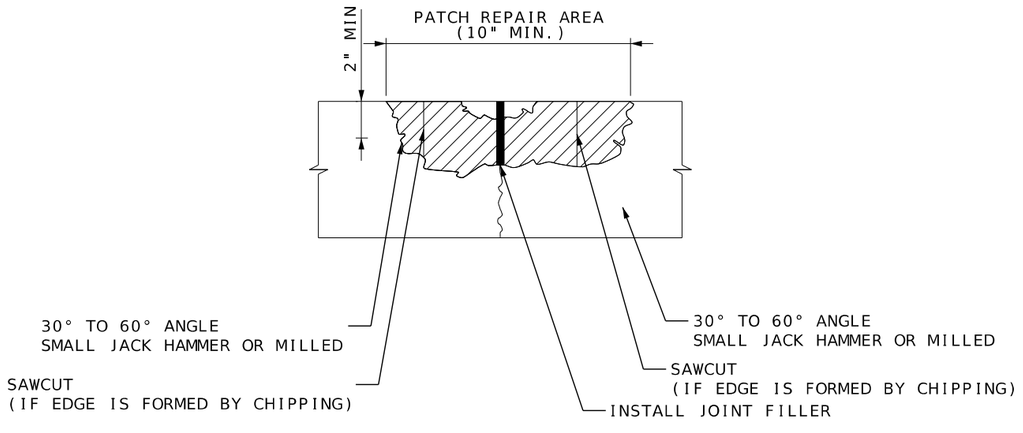
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

WILSON &COMPANY ENGINEERS & ARCHITECTS



ADJUST STORM MH AND ADJUST STORM LID



SECTION A-A

GENERAL NOTE:

1. THE CONTRACTOR SHALL DETERMINE THE REPAIR AREA EXTENDS BY SOUNDING THE DETERIORATED PAVEMENT USING CHAIN, BALL-PEEN HAMMER, OR STEEL PIPE. THE REPAIR SHOULD EXTEND 2 TO 4 IN. BEYOND THE VISIBLE DISTRESSED AREA.

2. THE CONTRACTOR SHALL REMOVE THE MARKED REPAIR AREA BY USING SAWING AND CHIPPING WITH A JACKHAMMER OR MILLING.

3. THE REPAIR AREA SHOULD BE SANDBLASTED AND AIRBLASTED WITH COMPRESSED AIR TO CLEAN THE SURFACE.

4. THE CONTRACTOR SHALL INSTALL A BOND BREAKER IN THE EXISTING JOINT IF A JOINT IS PRESENT IN THE REPAIR AREA. THIS BOND BREAKER SHALL BE INSTALLED PRIOR TO ANY PLACEMENT OF CONCRETE.

5. BEFORE PLACING OF THE CONCRETE, THE CONTRACTOR SHALL APPLY A CONCRETE BONDING COMPOUND IN ACCORDANCE WITH SEC 623.

6. CONCRETE SHOULD OVERFILL THE PATCH AREA BY APPROXIMATELY $\frac{1}{8}$ IN AND BE CONSOLIDATED WITH VIBRATORS OR VIBRATING SCREEDS.

7. EDGES OF THE REPAIR PATCH SHOULD BE SEALED WITH GROUT IN ACCORDANCE WITH SEC 1066.

8. AFTER CURING THE JOINTS SHALL BE SEALED IN ACCORDANCE WITH SEC 717.40 SILICONE EXPANSION JOINT SEALANT.

INLET DETAILS
SPECIAL SHEETS
SHEET 39 OF 39

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	110

COUNTY: CLAY
JOB NO.: J4S3412
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
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

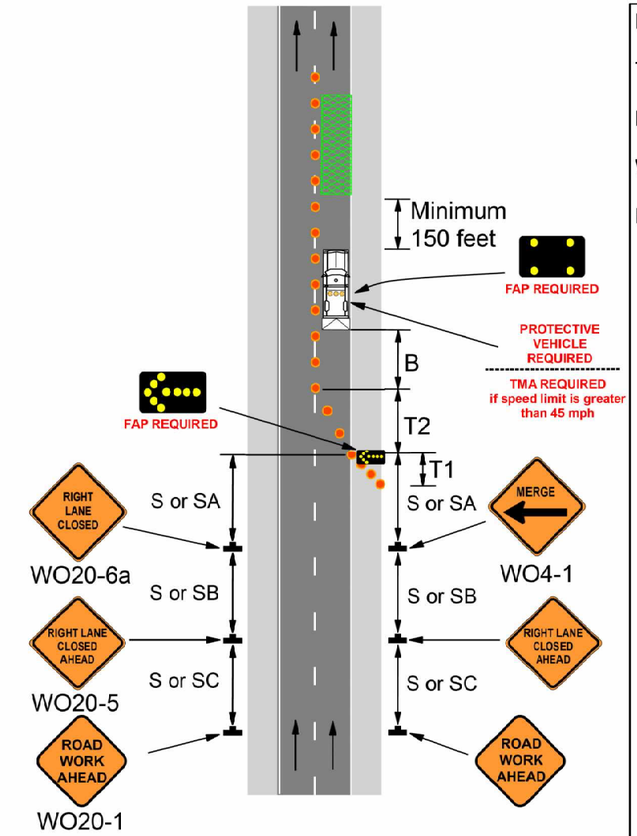
616.8.33S (TA-33S) Stationary Lane Closure on a Multi-Lane Highway

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 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	111

COUNTY CLAY

JOB NO. J4S3412

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)

800 E 101st Terr., Ste. 200
Kansas City, MO 64131
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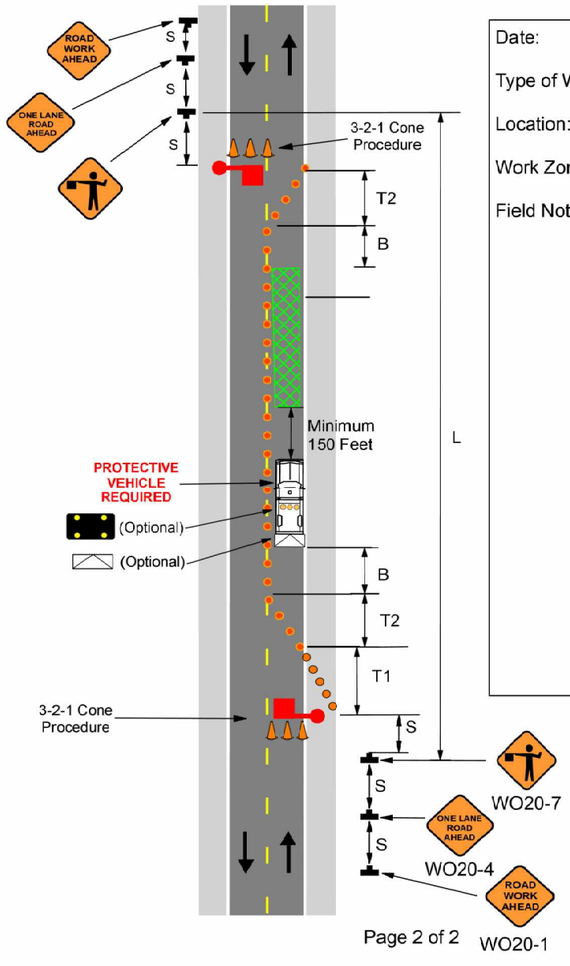
Missouri Cert. of Authority #2003007599

WILSON &COMPANY
ENGINEERS & ARCHITECTS

616.8.10S (TA-10S) Stationary Lane Closure on a Two-Lane Highway Using Flaggers

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.

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



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

TRAFFIC CONTROL
STANDARD DRAWINGS
(TA-10S)
SHEET 2 OF 57

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

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 112
COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

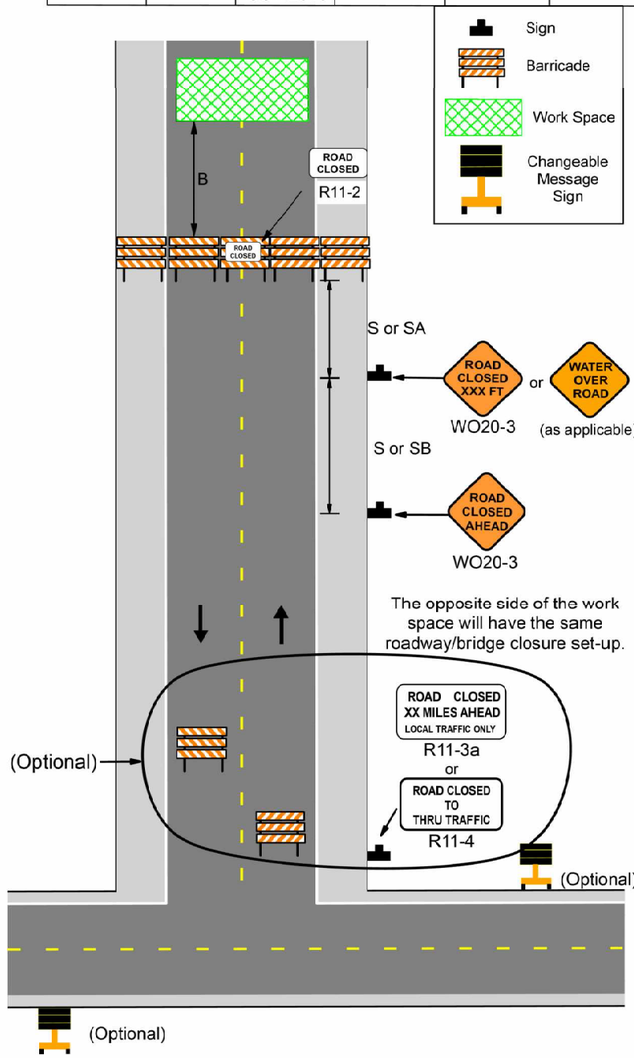
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

616.8.8A (TA-8A) Road Closure

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)	Buffer Length (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	200	-	-	250	-	-
40-45	350	500	-	-	360	-	-
50-55	500	1000	-	-	495	-	-
60-70	1000	SA - 1000 SB - 1500 SC - 2640	-	-	730	-	-

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)
URBAN	1' Portable 7' Post
RURAL DIVIDED	1' Portable 7' Post
RURAL UNDIVIDED	1' Portable 5' Post



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

TRAFFIC CONTROL
STANDARD DRAWINGS
(TA-8A)
SHEET 3 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	113

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Kansas City, MO 64131
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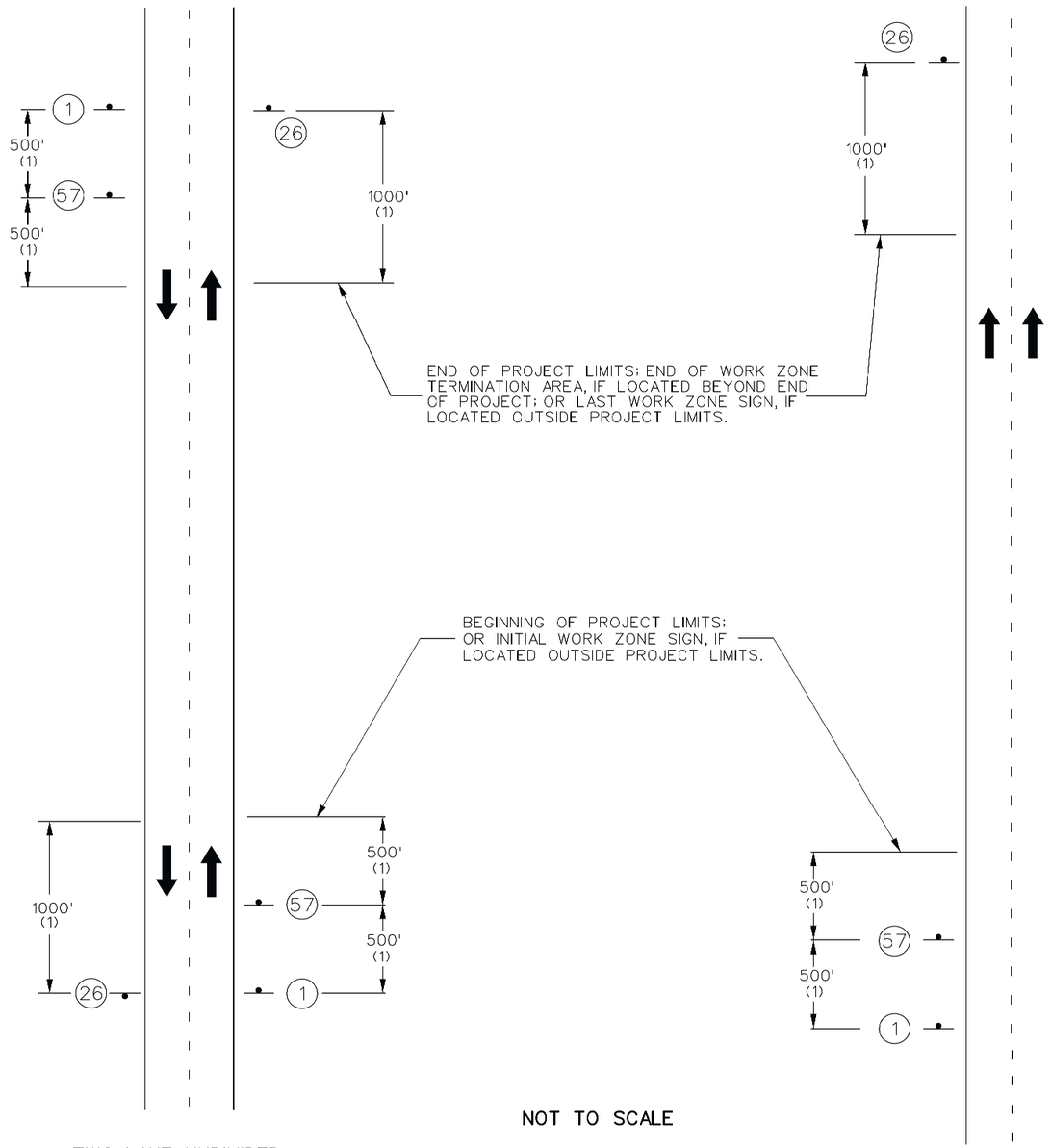
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



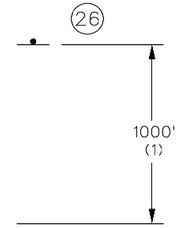
NOTES:

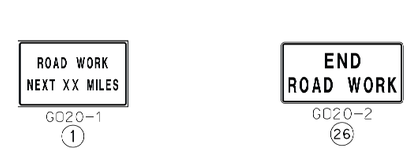
SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

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.





NOT TO SCALE

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

TRAFFIC CONTROL
STANDARD DRAWINGS
SHEET 4 OF 57

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	114

COUNTY
CLAY

JOB NO.
J4S3412

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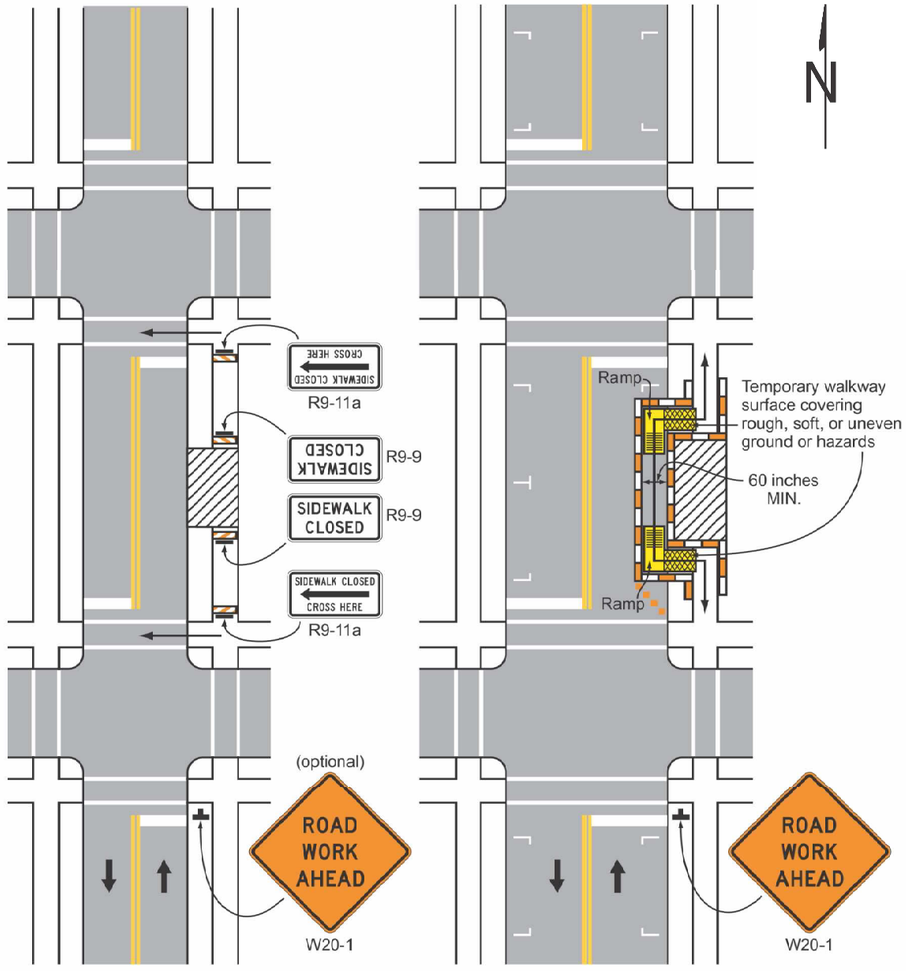
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

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 5 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	115

COUNTY CLAY
JOB NO. J4S3412
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)
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
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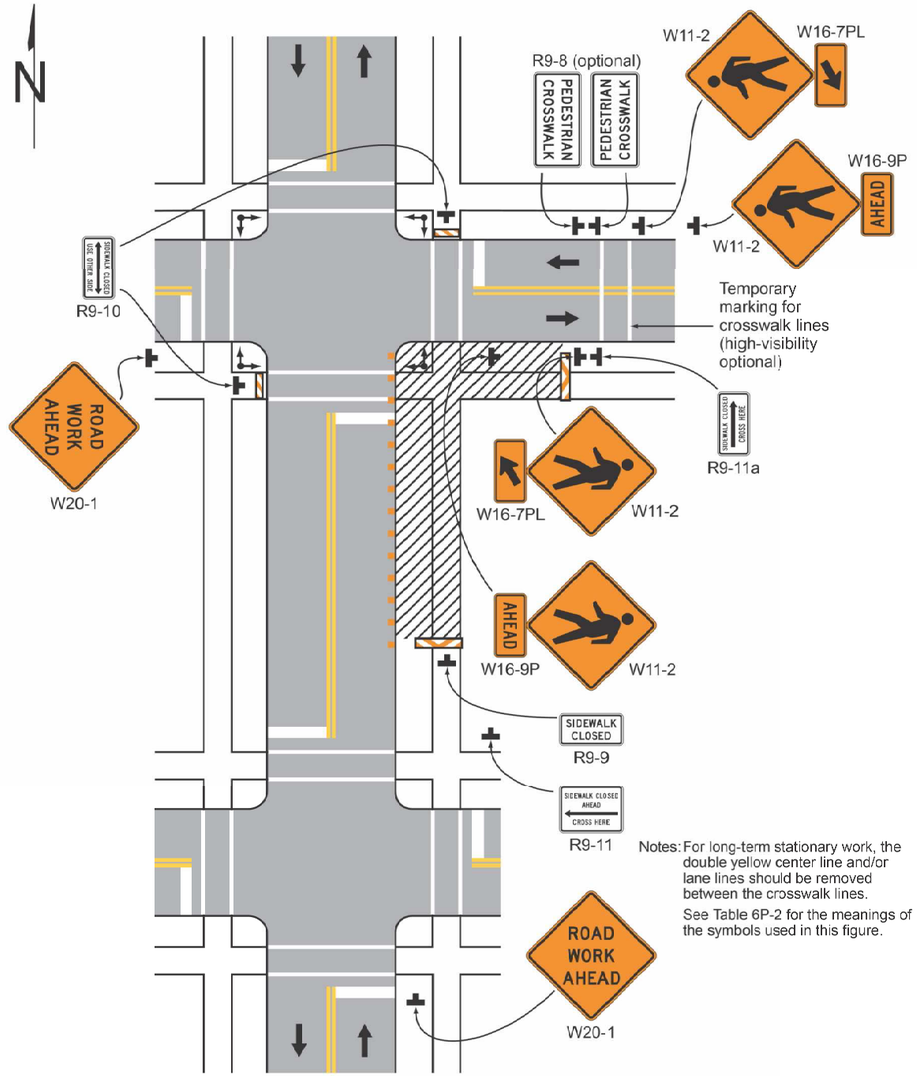
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599
WILSON &COMPANY ENGINEERS & ARCHITECTS

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 6 OF 57

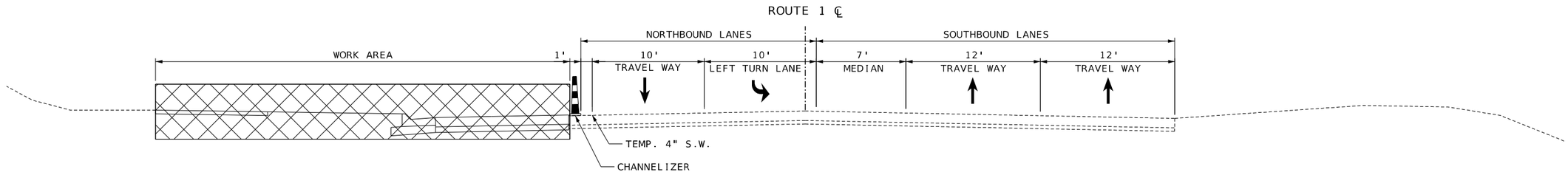
STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 116
COUNTY CLAY
JOB NO. J4S3412
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)

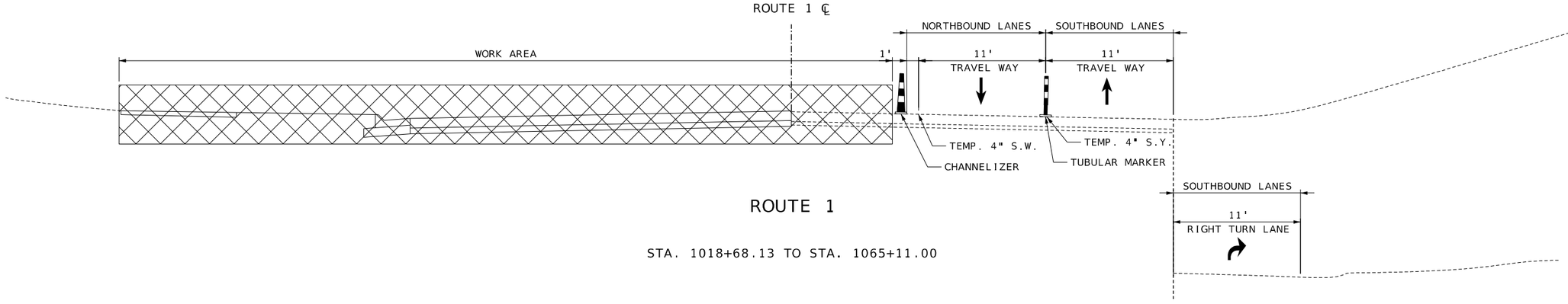
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599



ROUTE 1

STA. 1010+50.00 TO STA. 1018+68.13

LANE SHIFT: STA. 1011+63.46 TO 1018+41.59



ROUTE 1

STA. 1018+68.13 TO STA. 1065+11.00

STA. 1056+33.27 TO 1061+45.91

TYPICAL SECTIONS
PHASE 1
SHEET 7 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	117

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

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

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.
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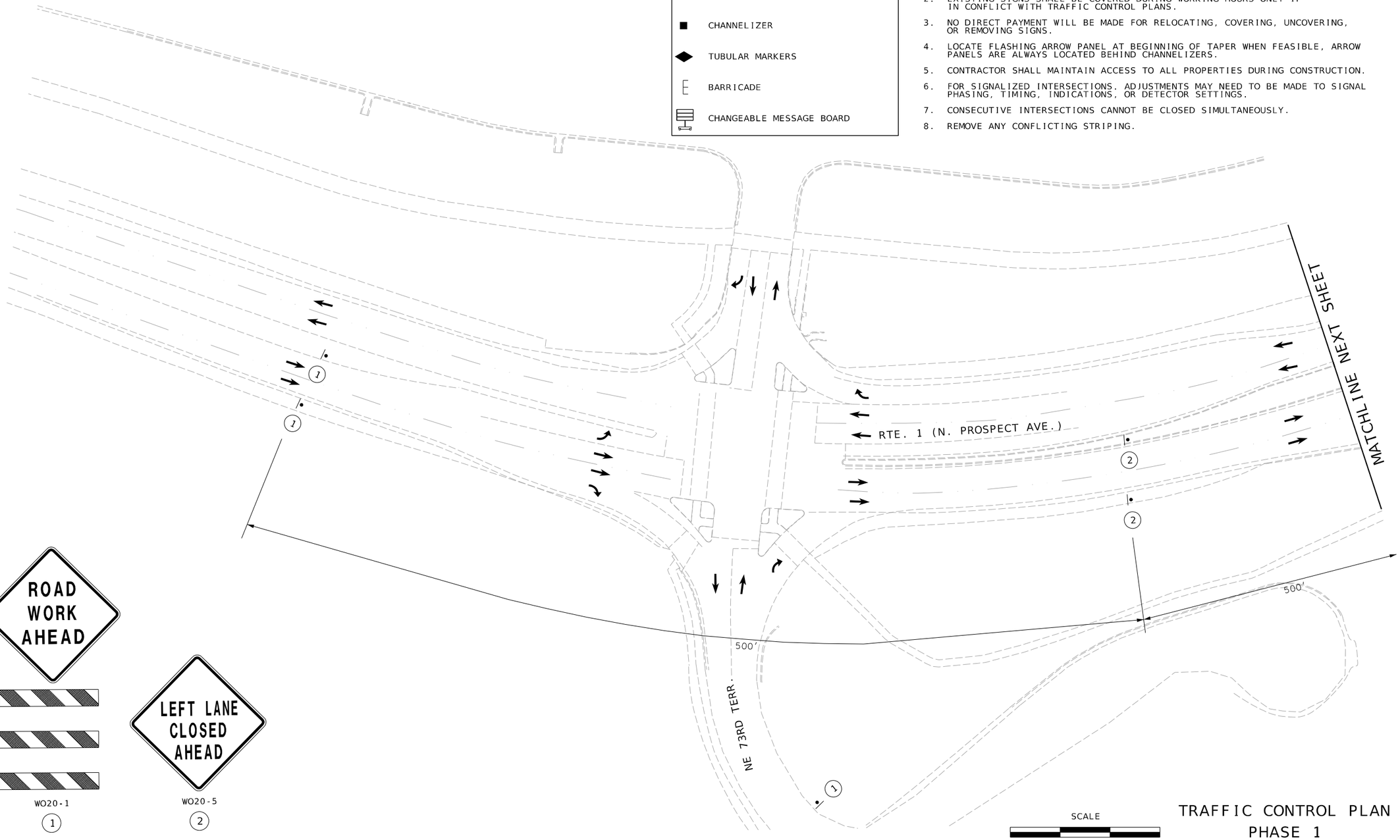

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 8 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	118

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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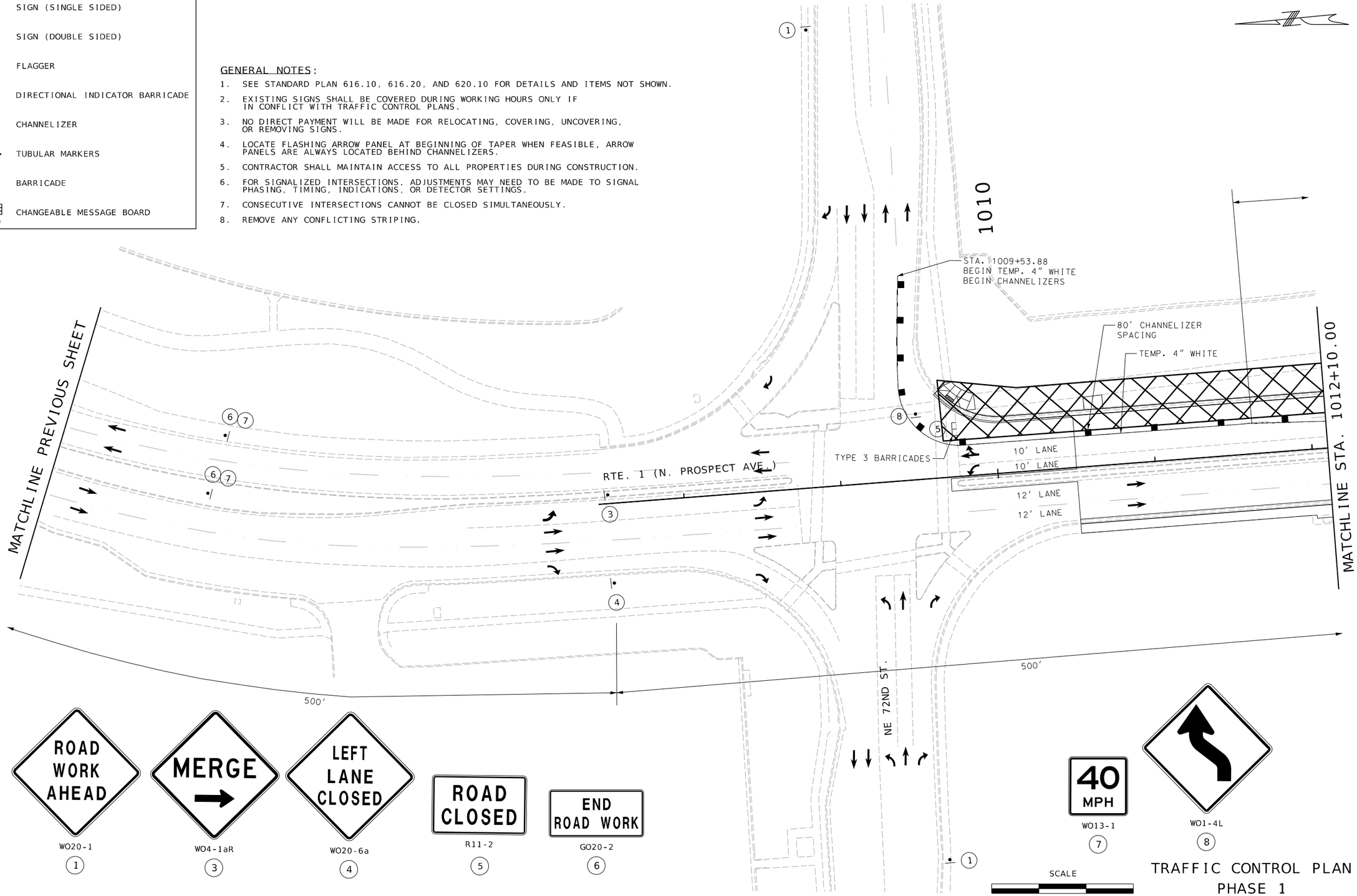

WO20-1
1

WO4-1aR
3

WO20-6a
4

R11-2
5

G020-2
6

WO13-1
7

WO1-4L
8

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 9 OF 57

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

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	119
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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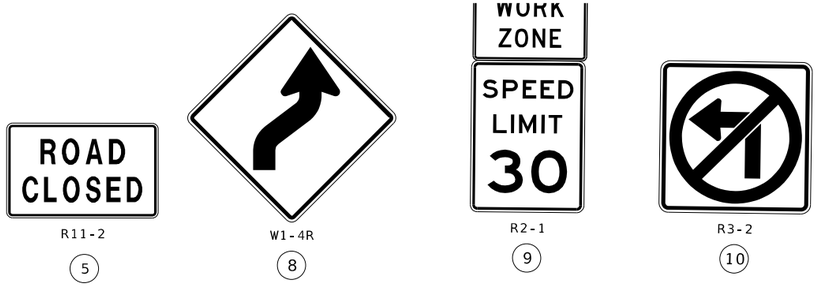

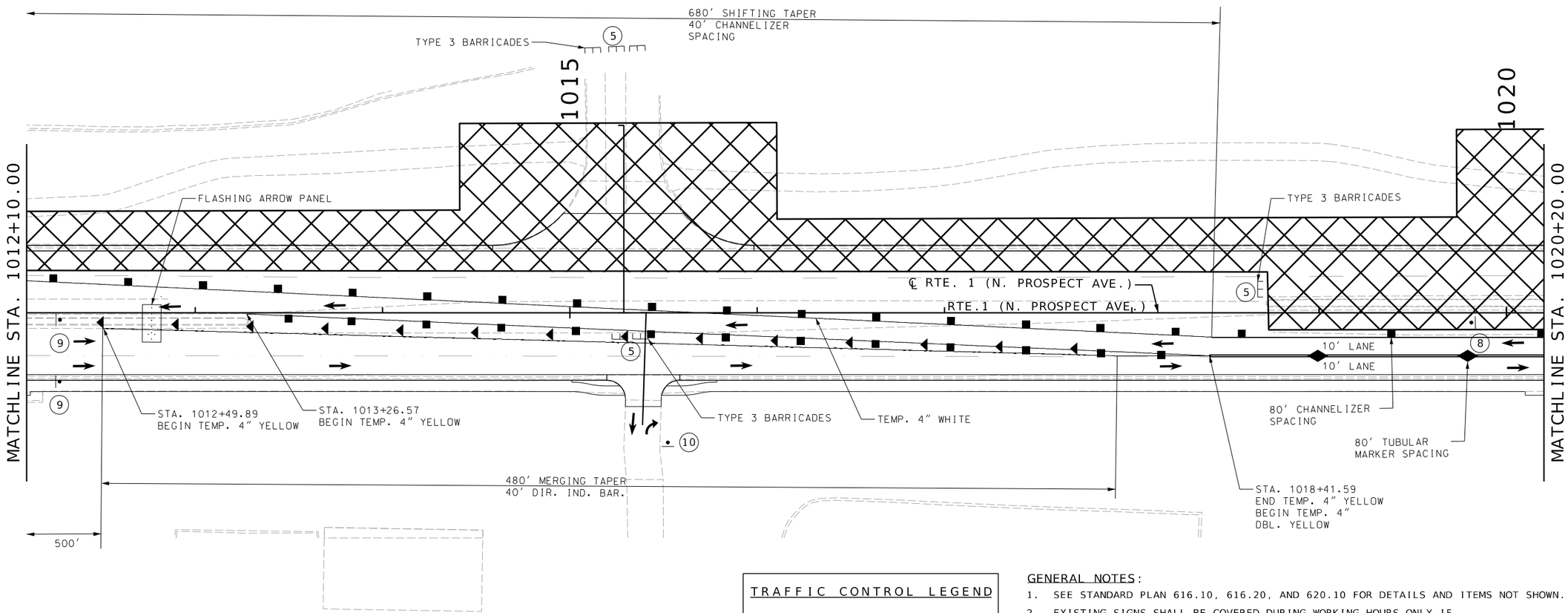

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SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 10 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER
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DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	120

COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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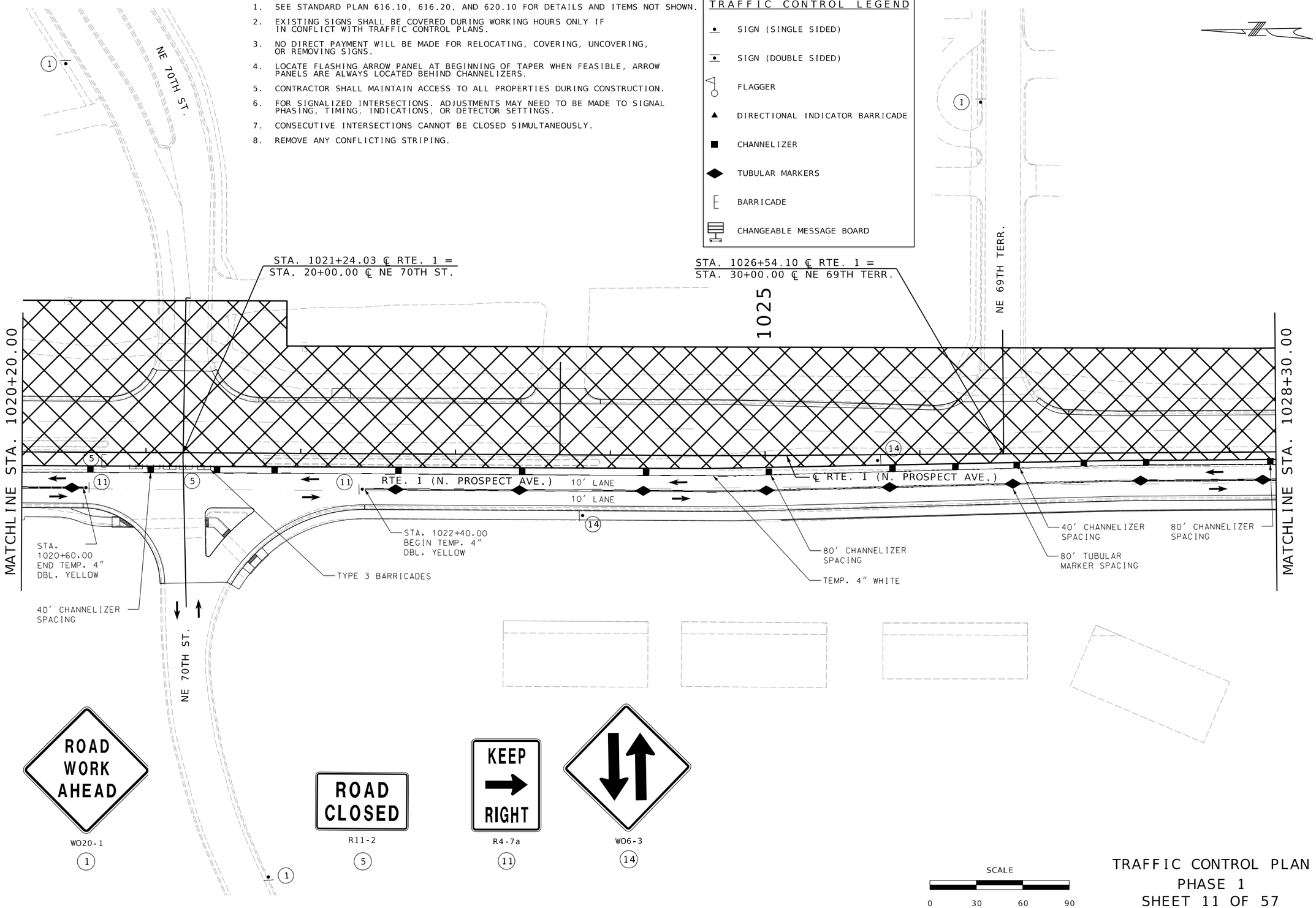

WO20-1
1

R11-2
5

R4-7a
11

WO6-3
14

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 11 OF 57

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	121

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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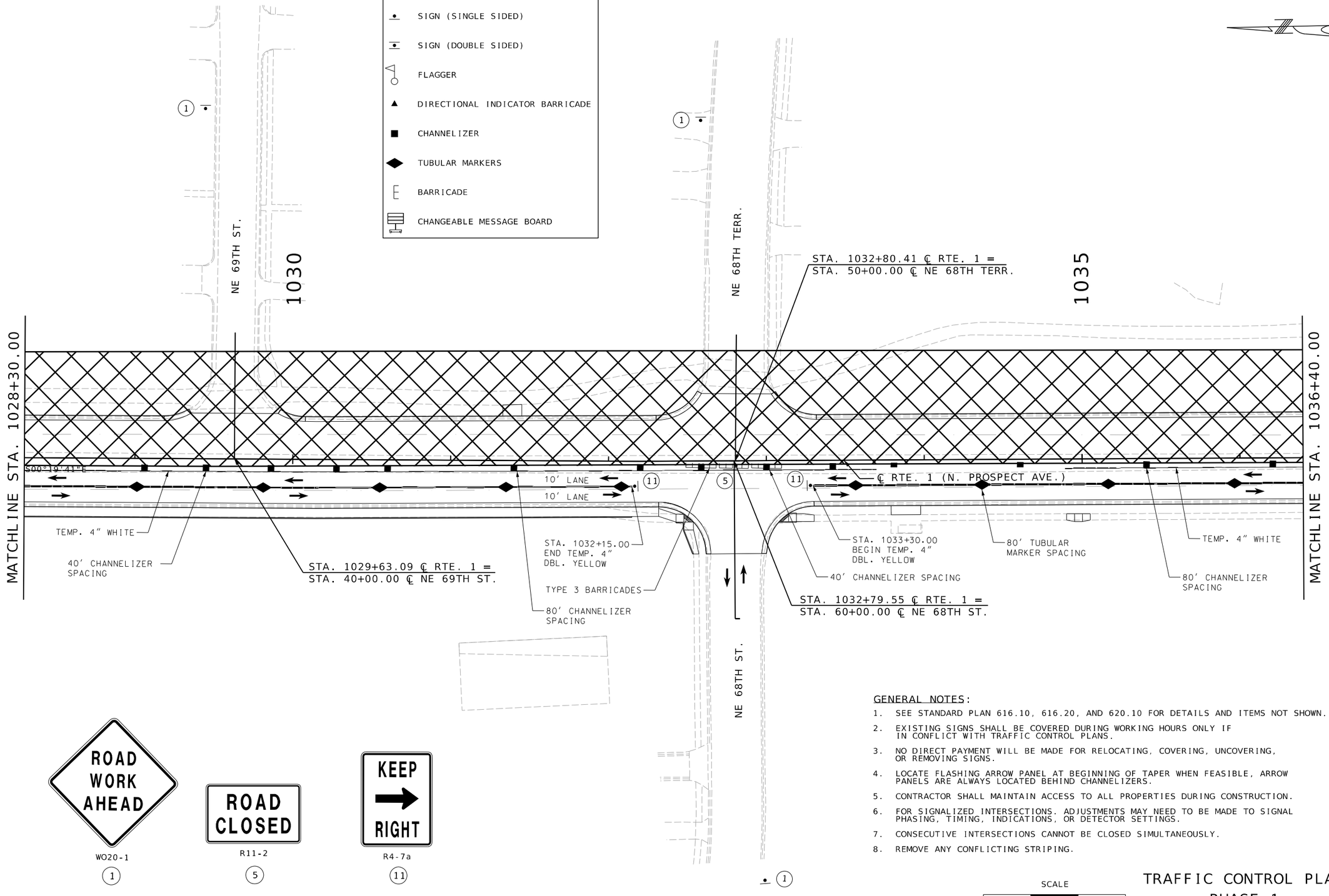

WO20-1

(1)

R11-2

(5)

R4-7a

(11)

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SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 12 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	122

COUNTY
CLAY

JOB NO.
J4S3412

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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ENGINEERS & ARCHITECTS
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Phone (816) 701-3100
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TRAFFIC CONTROL LEGEND

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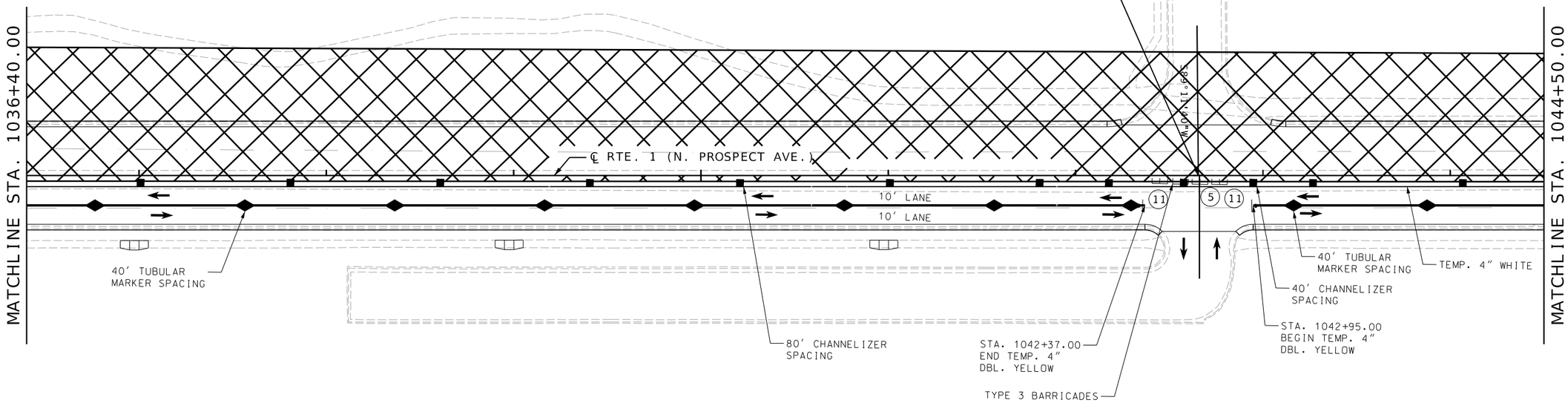

WO20-1

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R11-2

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R4-7a

11

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 13 OF 57

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	123

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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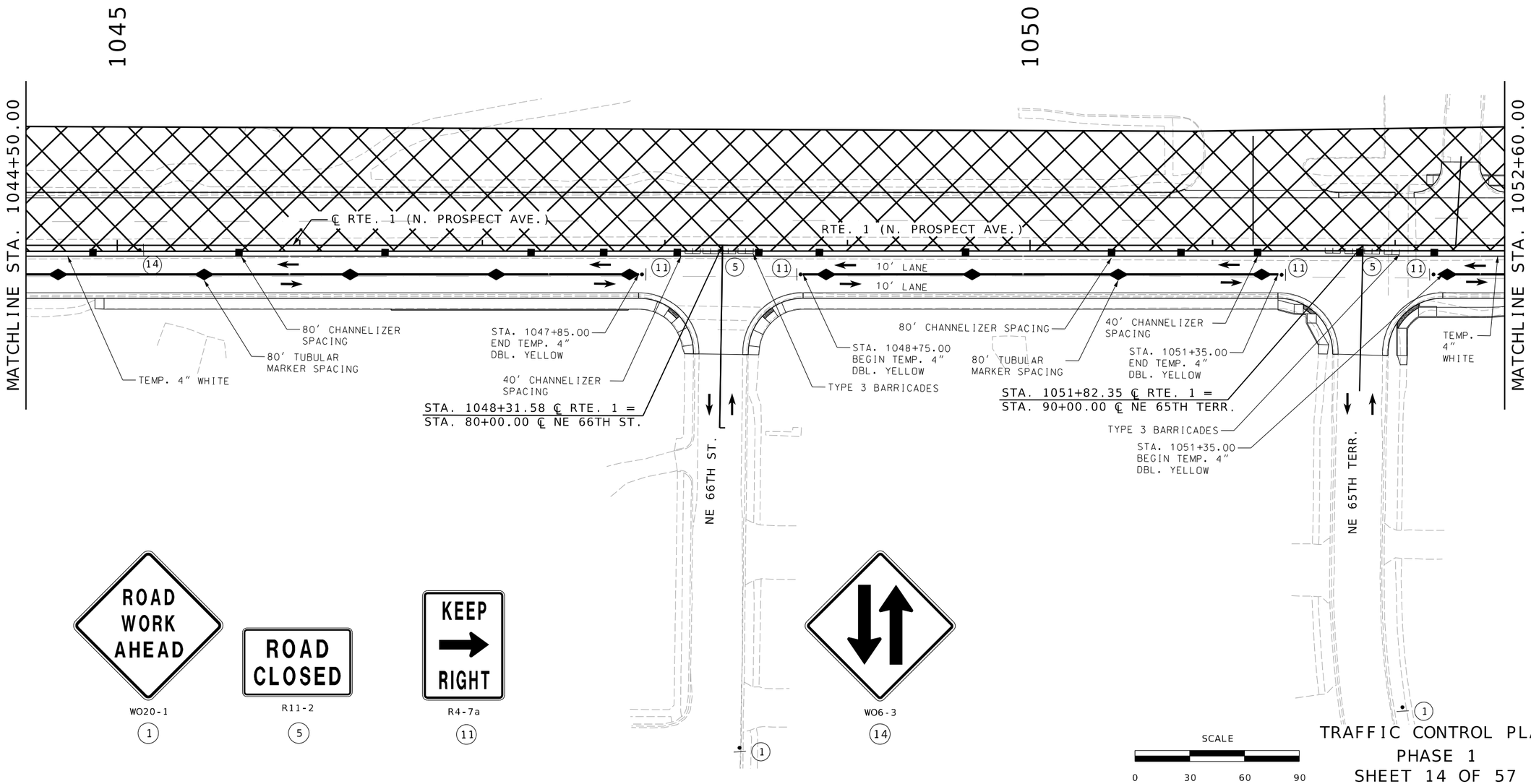

WO20-1

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R11-2

(5)

R4-7a

(11)

WO6-3

(14)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 14 OF 57

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

DATE PREPARED	
3/28/2025	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 124
COUNTY CLAY	
JOB NO. J4S3412	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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WILSON &COMPANY ENGINEERS & ARCHITECTS

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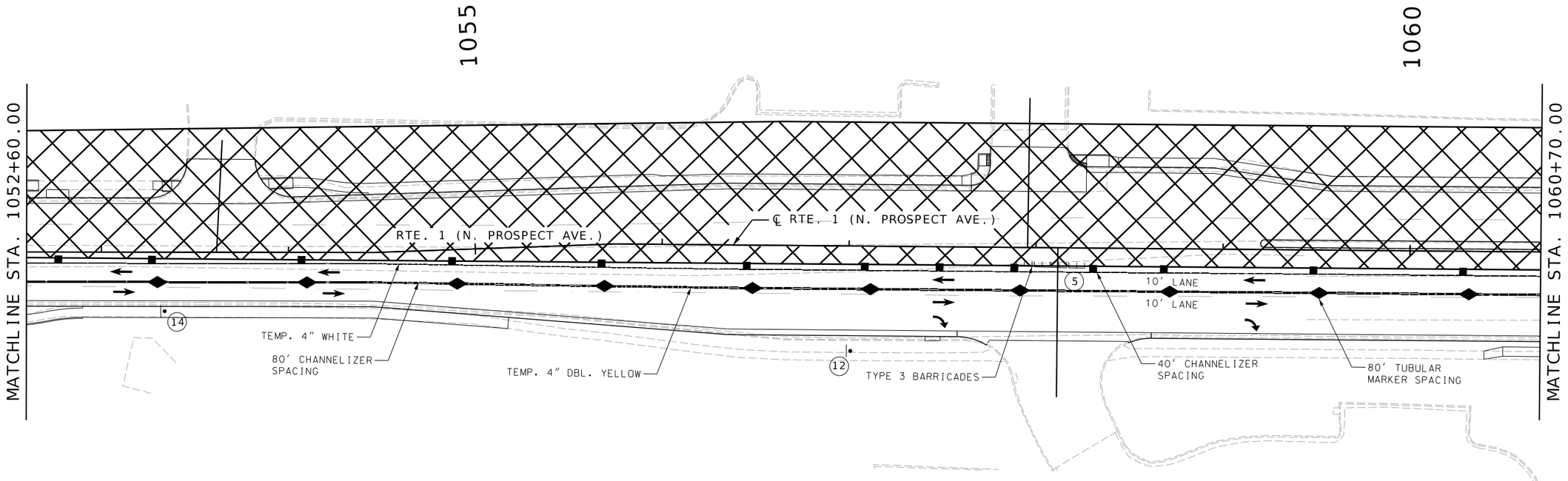

WO20-1
(1)

R11-2
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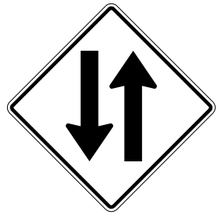

WO6-3
(14)

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 15 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	125

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

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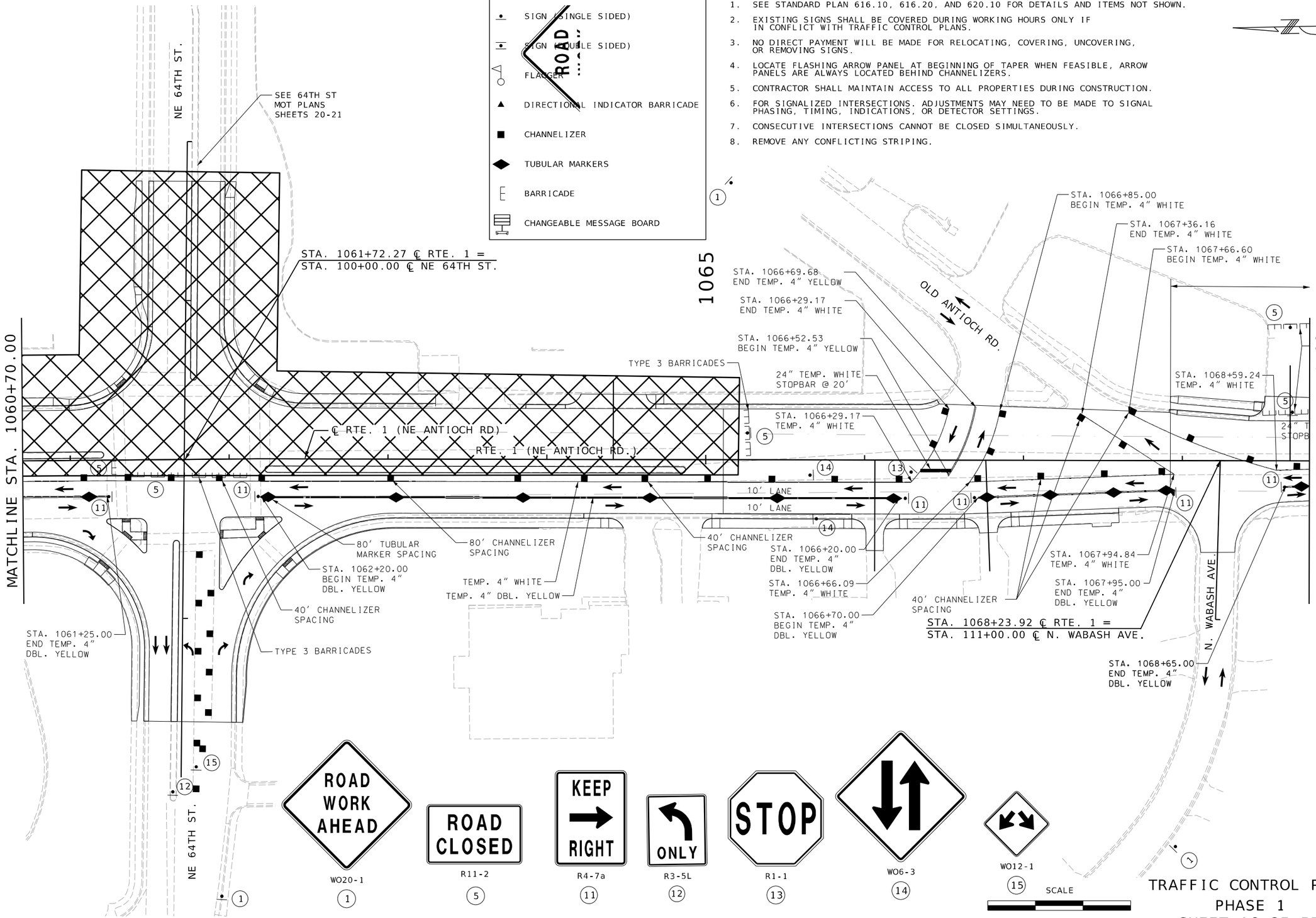

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 16 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	126

COUNTY: CLAY
JOB NO.: J4S3412
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

TRAFFIC CONTROL LEGEND

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

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10, 616.20, AND 620.10 FOR DETAILS AND ITEMS NOT SHOWN.
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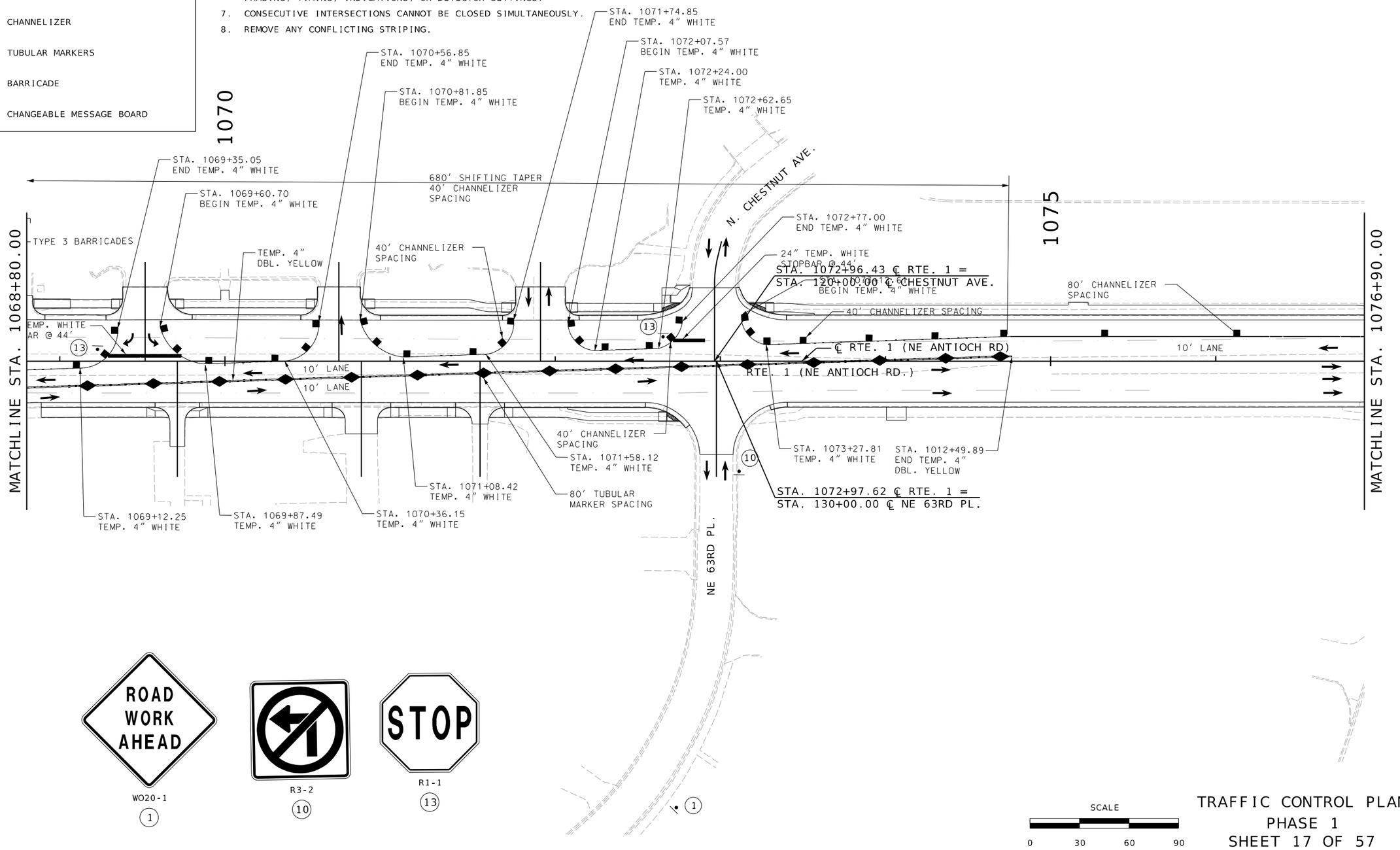

WO20-1

(1)

R3-2

(10)

R1-1

(13)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 17 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	127

COUNTY: CLAY

JOB NO.: J4S3412

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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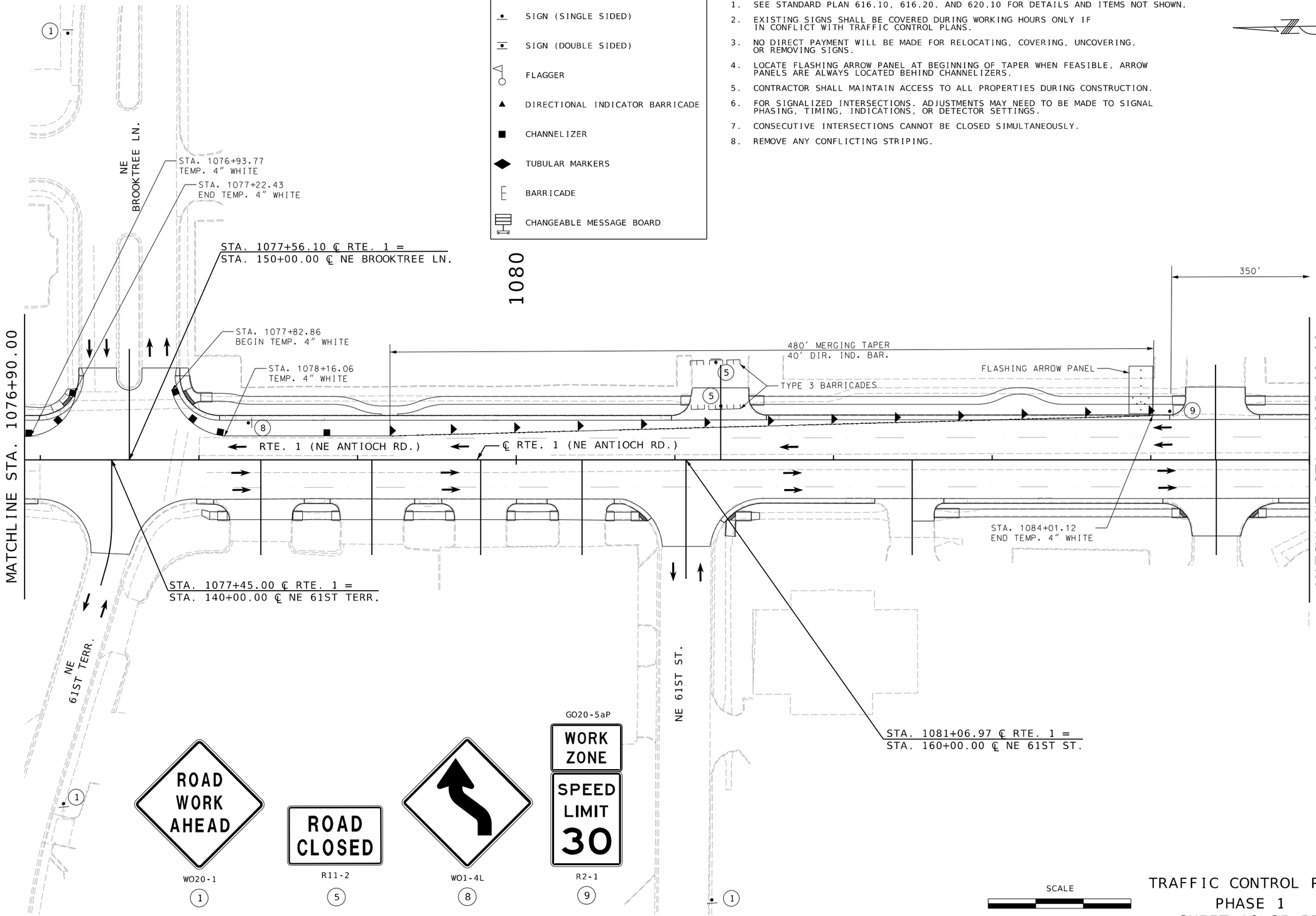

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 18 OF 57

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

DATE PREPARED	3/3/2025
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 128
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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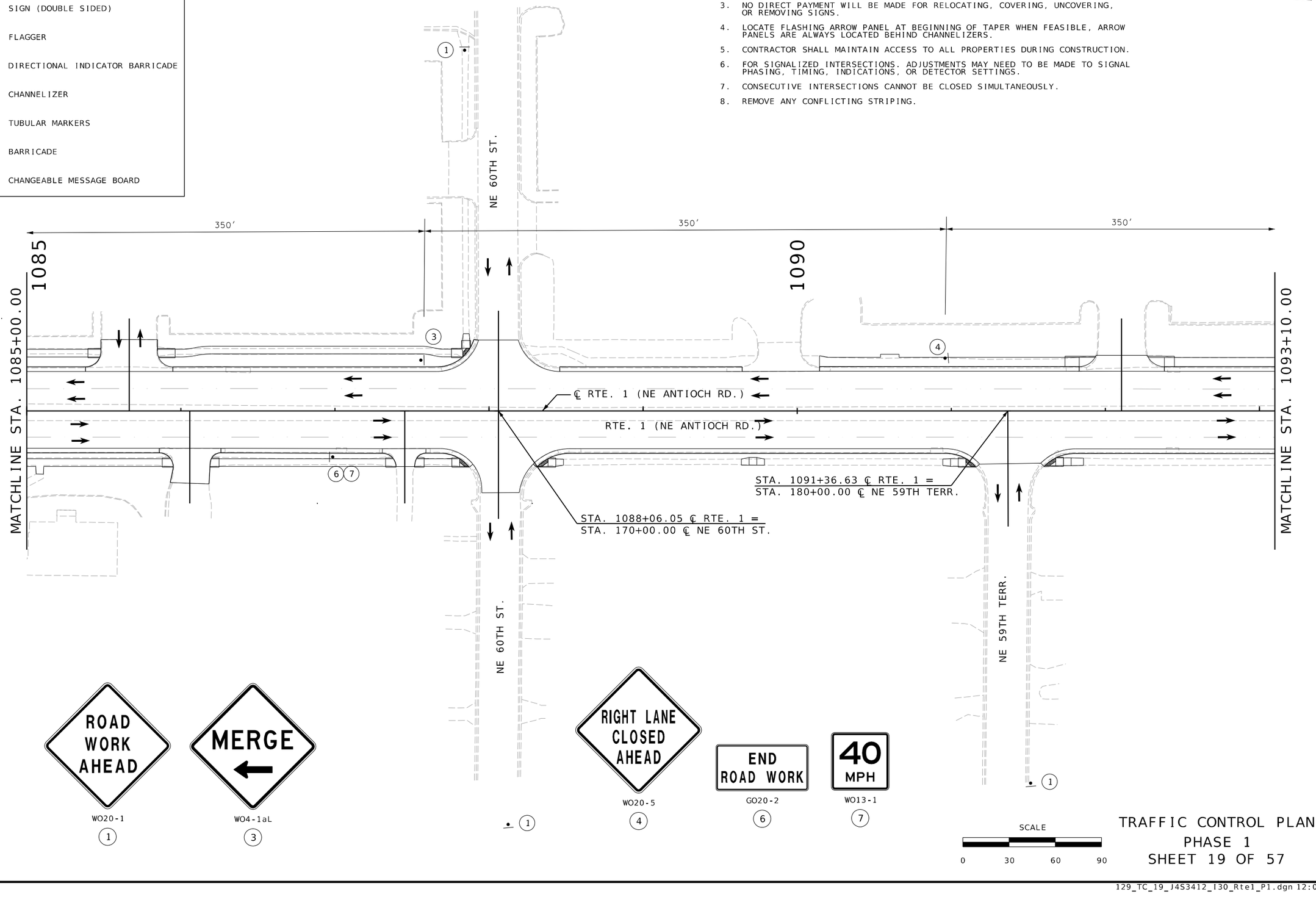

WO20-1

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WO20-5

(4)

GO20-2

(6)

WO13-1

(7)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 19 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	129

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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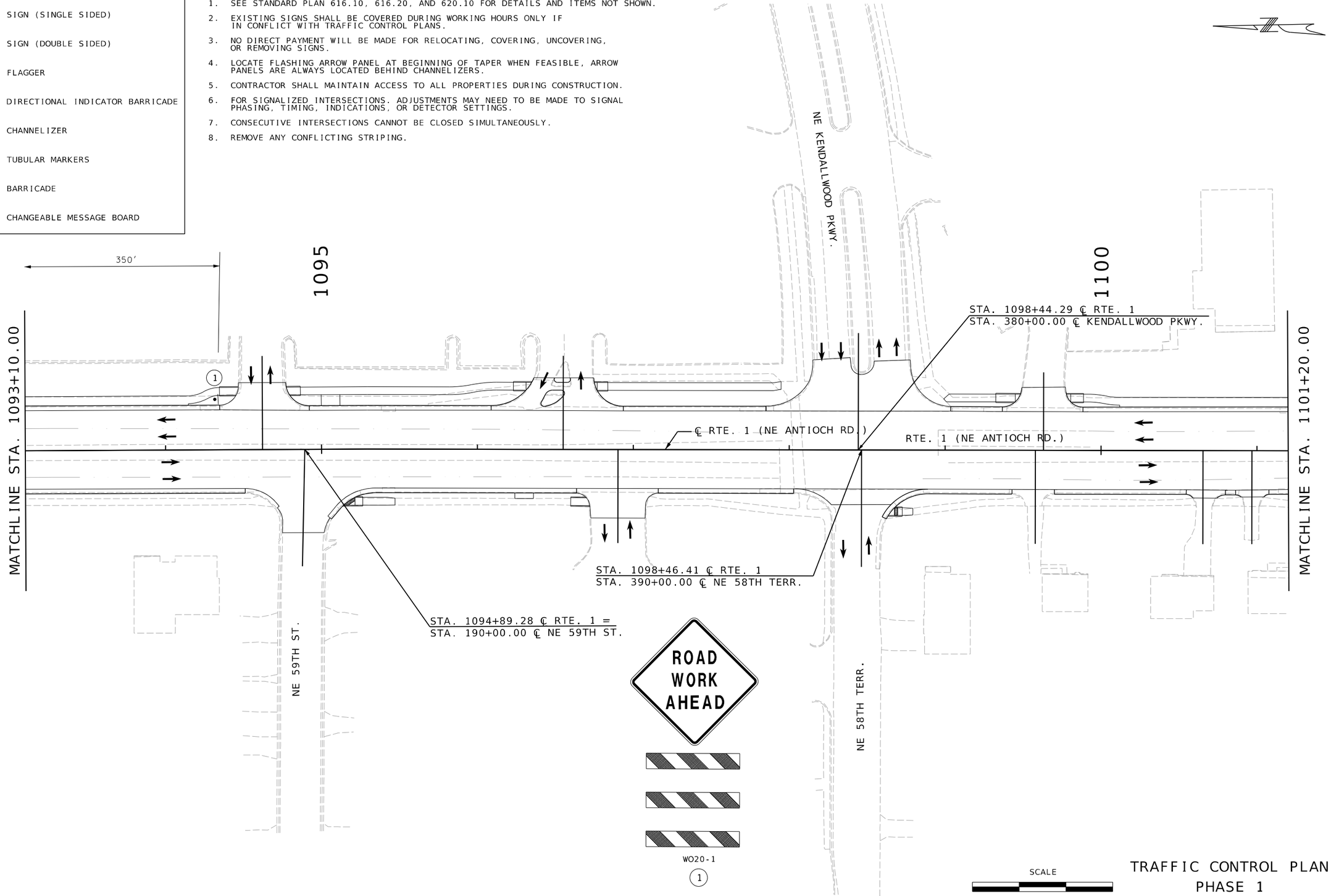

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 20 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	130
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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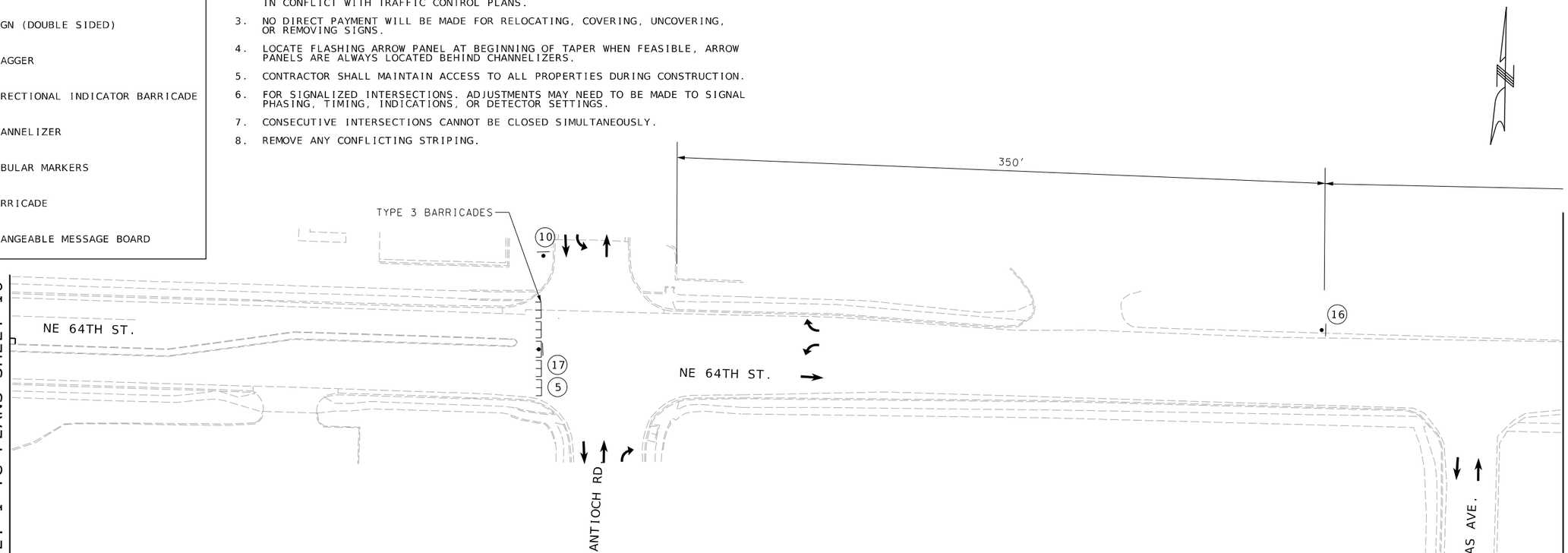

WO20-1

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R11-2

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R3-1

(10)

WO20-3

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MO4-10L

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NOTES:
FOR SIGNALIZED INTERSECTIONS. ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

SCALE

0 30 60 90

(1)

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 21 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	131

COUNTY
CLAY

JOB NO.
J4S3412

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
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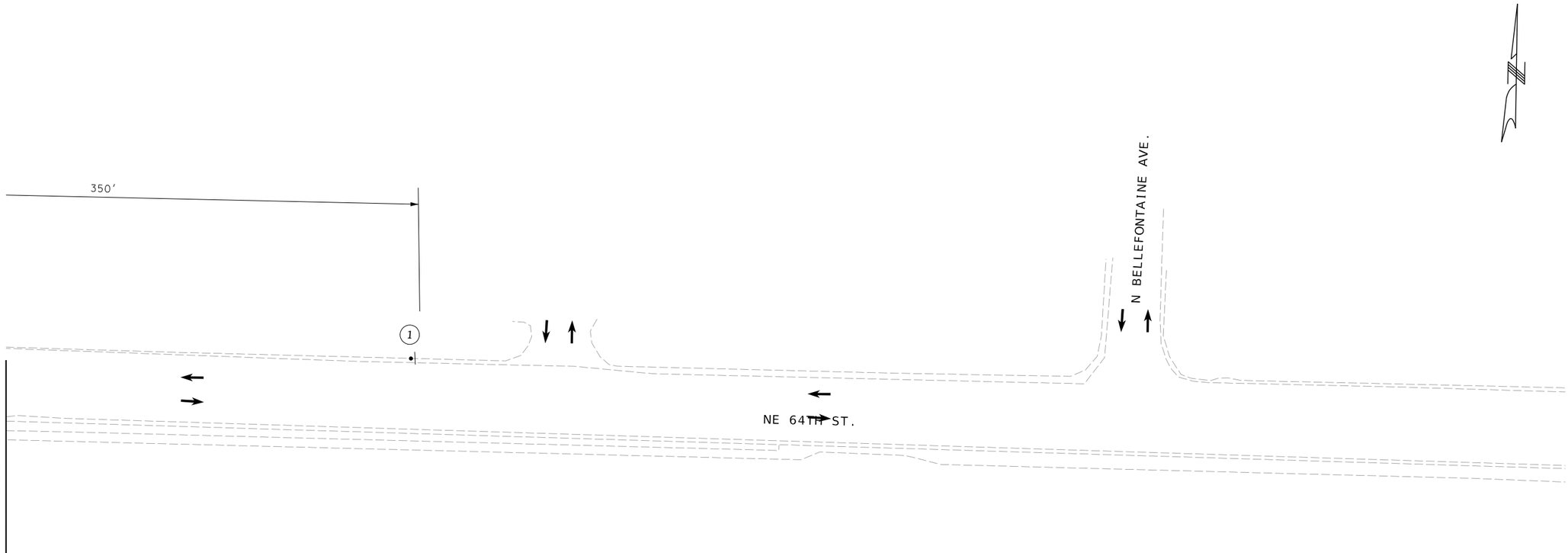

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NOTES:
FOR SIGNALIZED INTERSECTIONS. ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

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TRAFFIC CONTROL LEGEND

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

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 1
SHEET 22 OF 57

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	132

COUNTY
CLAY

JOB NO.
J4S3412

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
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1-888-ASK-MODOT (1-888-275-6636)

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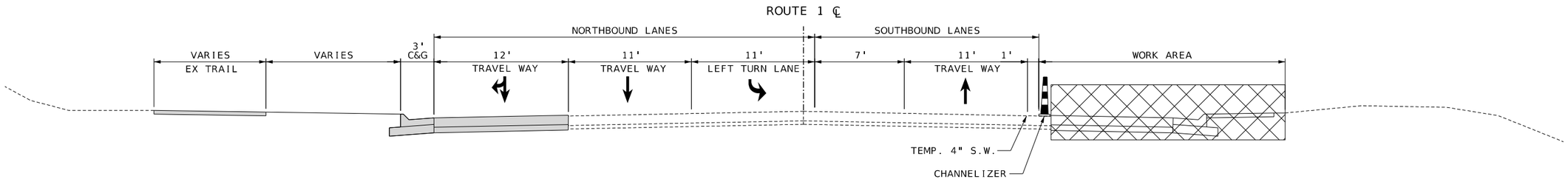
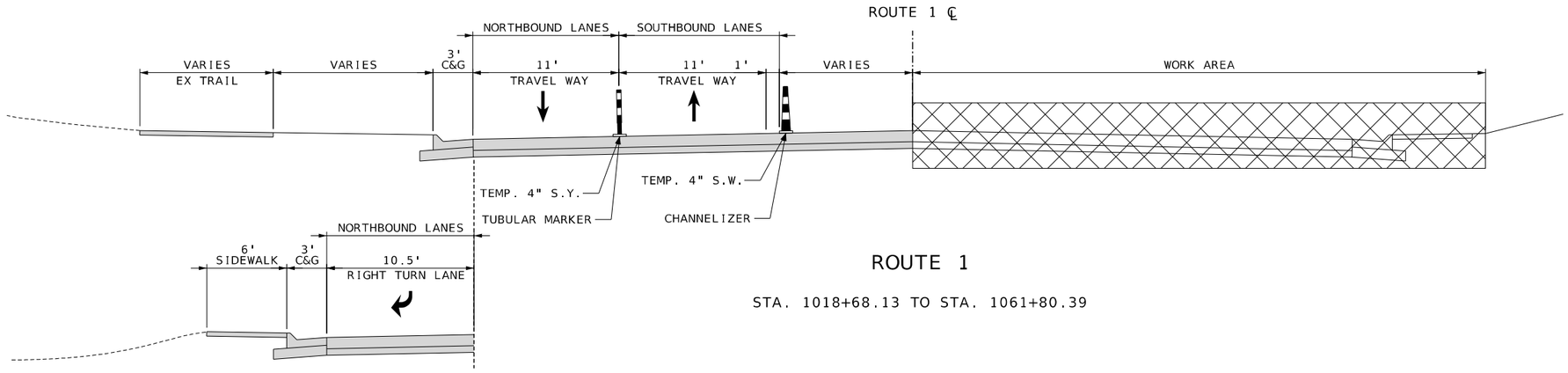
WILSON &COMPANY ENGINEERS & ARCHITECTS



ROUTE 1

STA. 1010+50.00 TO STA. 1018+68.13

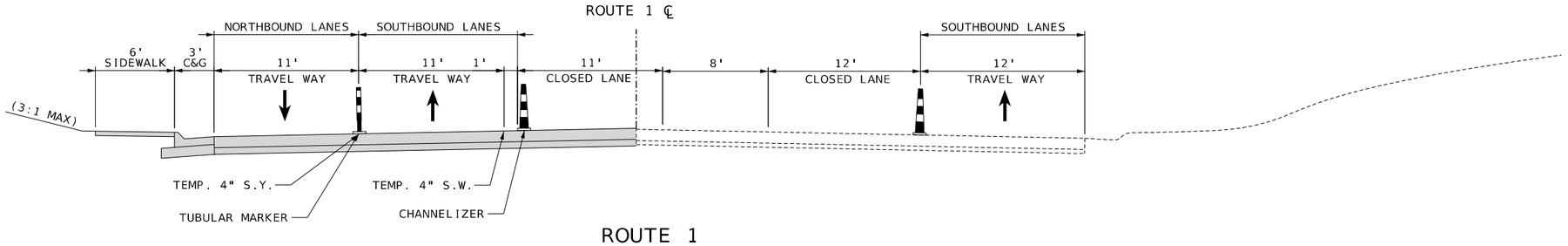
LANE SHIFT: STA. 1013+37.32 TO 1019+36.16



ROUTE 1

STA. 1018+68.13 TO STA. 1061+80.39

STA. 1058+37.46 TO STA. 1058+96.13



ROUTE 1

STA. 1061+80.39 TO STA. 1065+11.00

TYPICAL SECTIONS
PHASE 2
SHEET 23 OF 57

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	133

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
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WILSON &COMPANY ENGINEERS & ARCHITECTS

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
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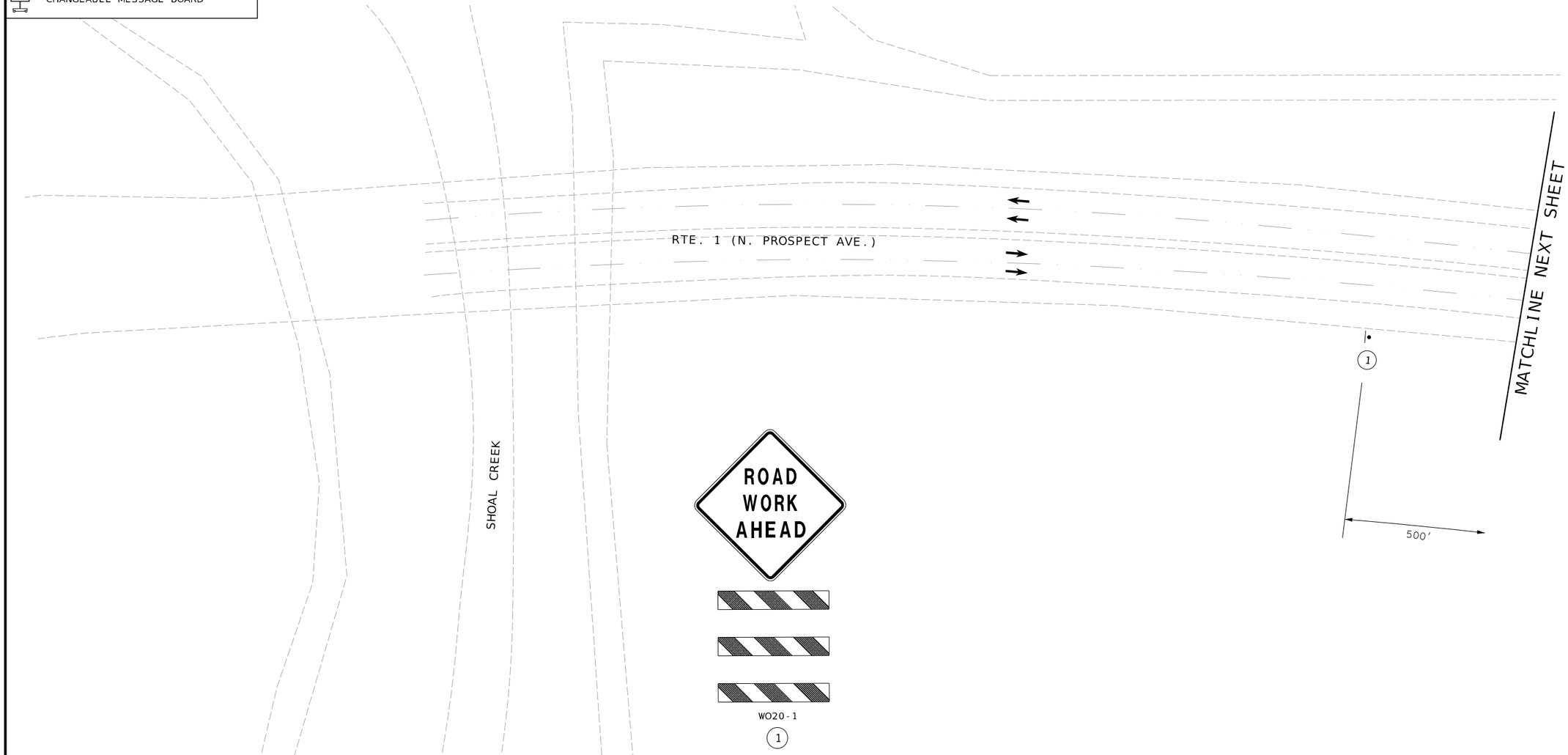

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 24 OF 57

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	134

COUNTY
CLAY

JOB NO.
J4S3412

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
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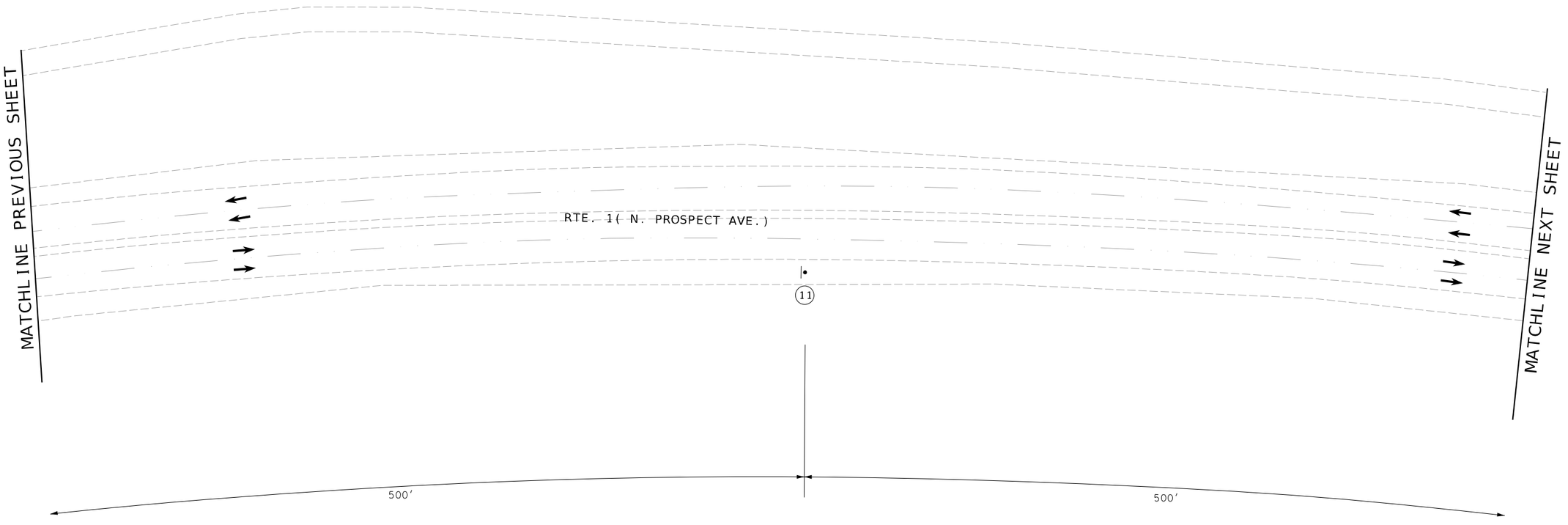

WO20-5

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SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 25 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	135

COUNTY
CLAY

JOB NO.
J4S3412

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
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5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION.
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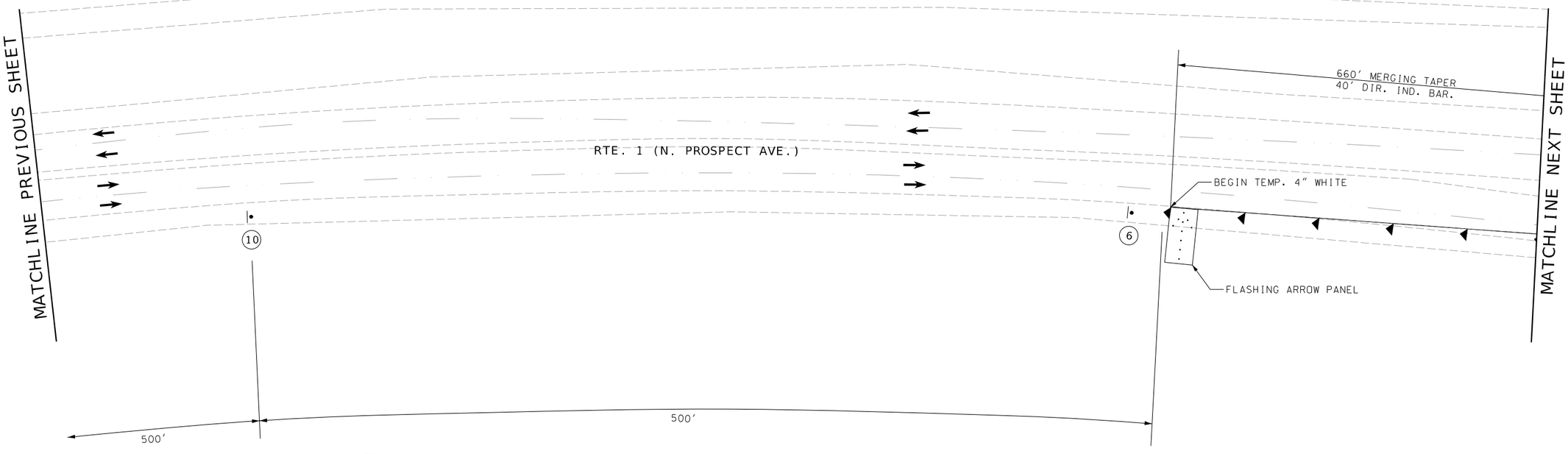
8. REMOVE ANY CONFLICTING STRIPING.



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R2-1

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WO4-1aL

10

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 26 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	136
COUNTY	CLAY
JOB NO.	J4S3412
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 Ter., 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

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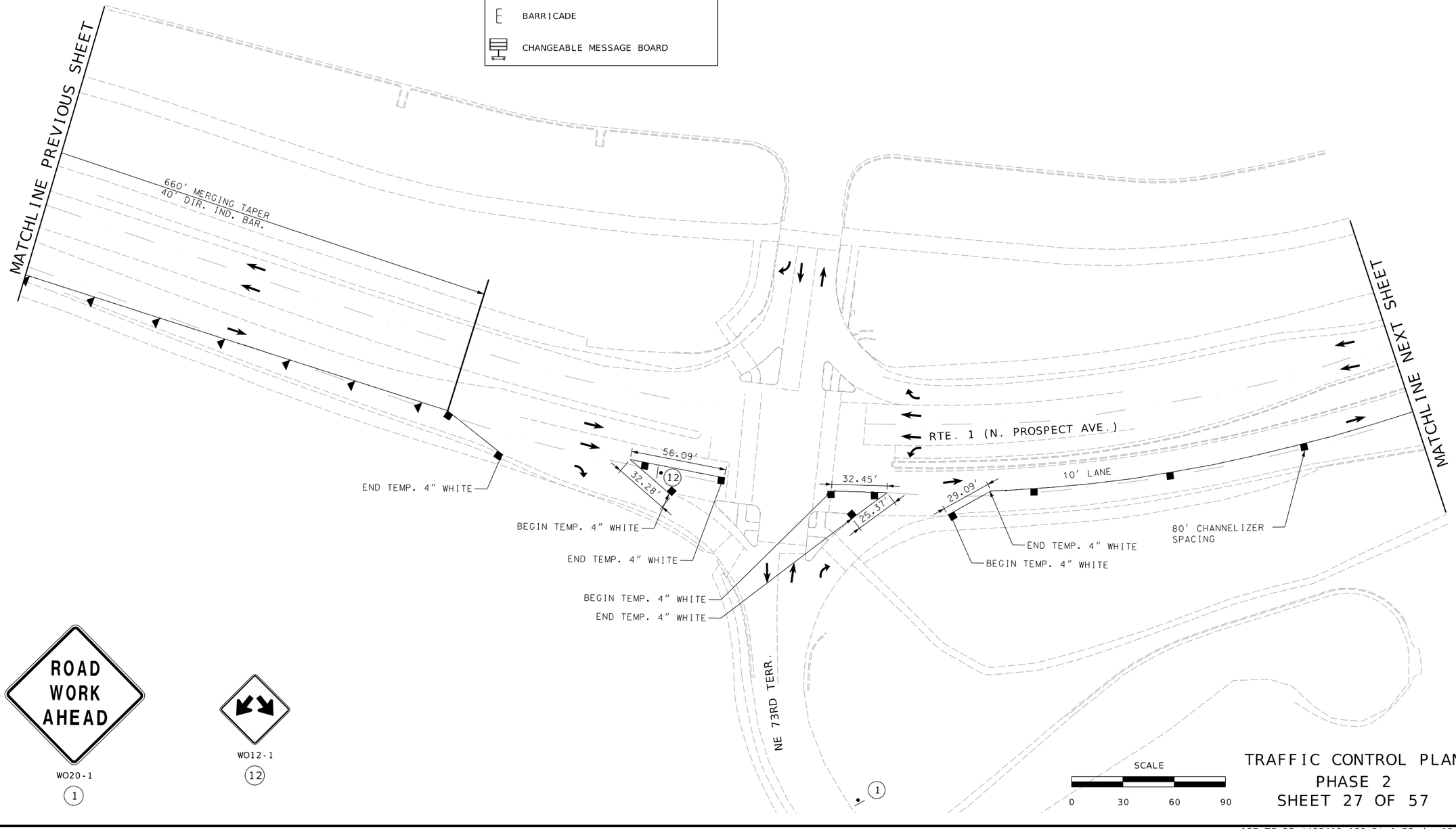

ROAD WORK AHEAD

WO20-1

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WO12-1

12

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 27 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	137

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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WILSON &COMPANY
ENGINEERS & ARCHITECTS

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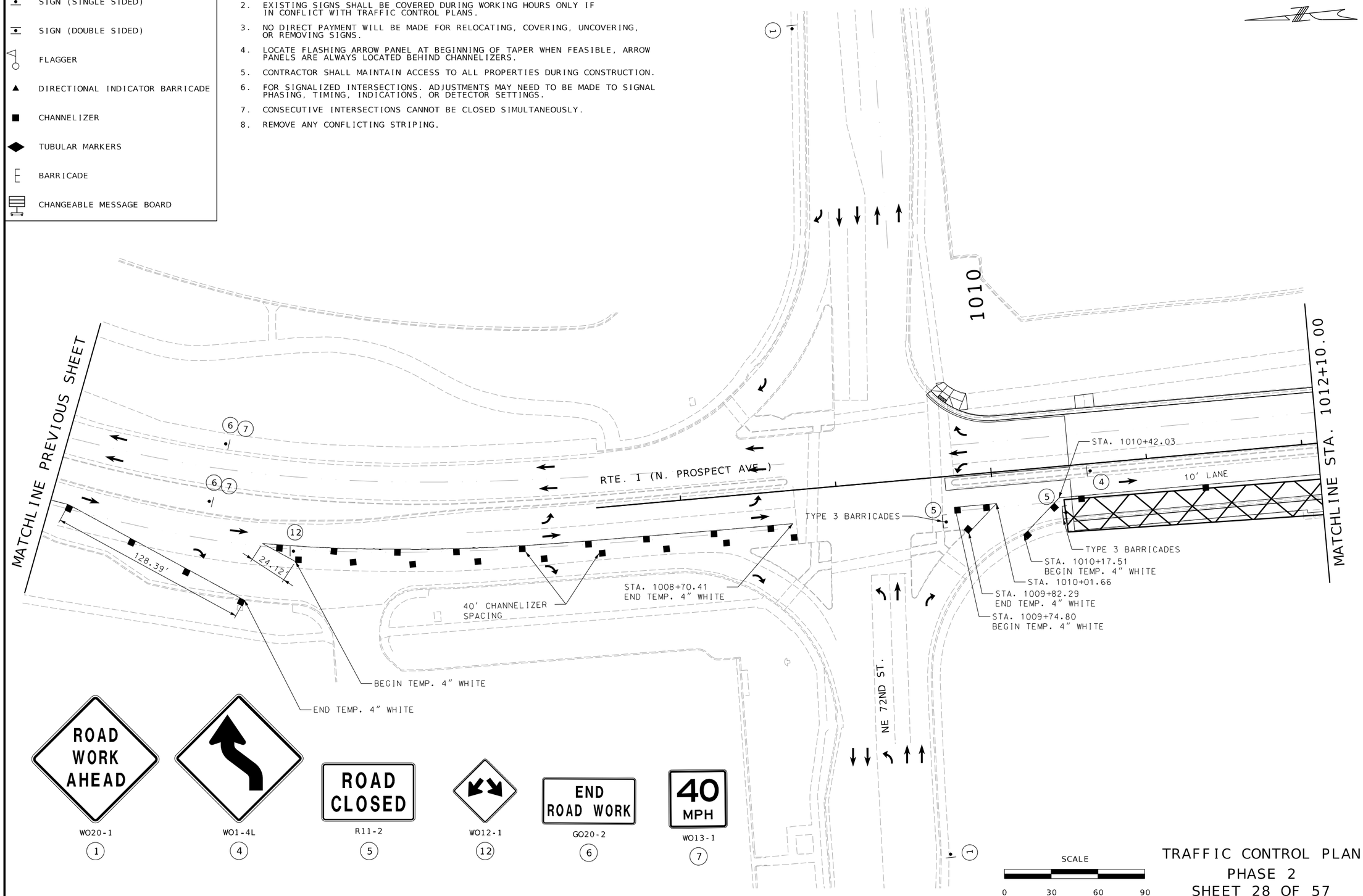

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 28 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	138

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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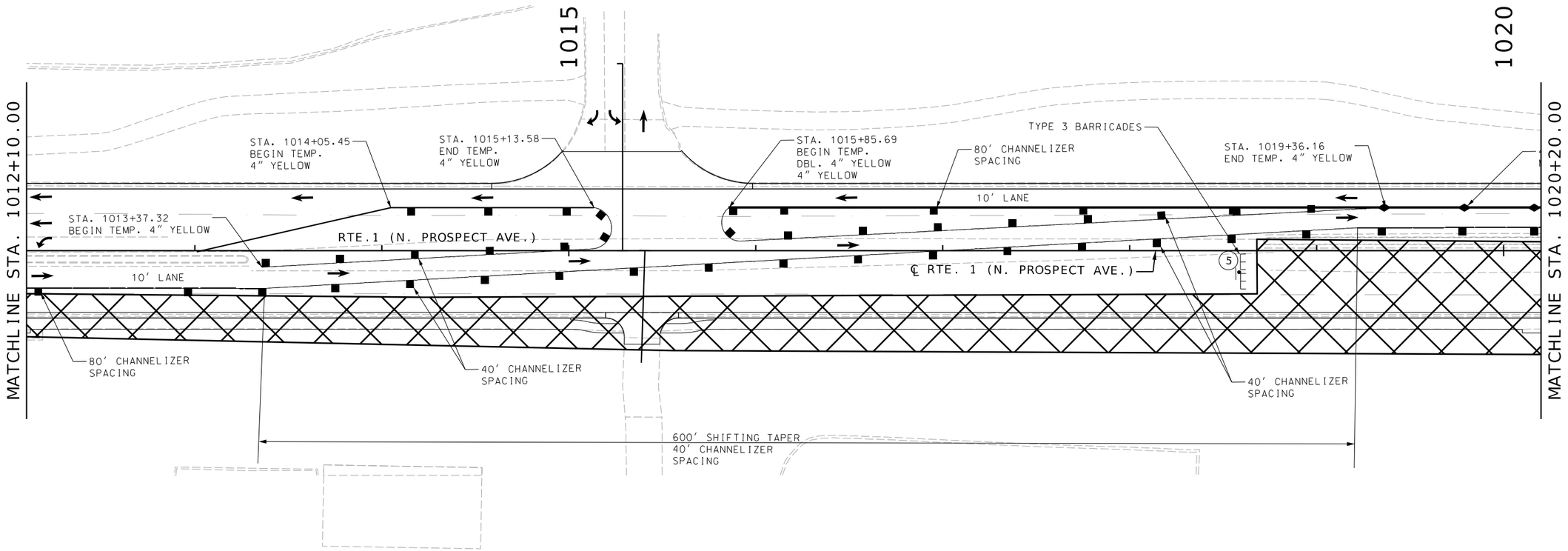

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 29 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

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DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	139

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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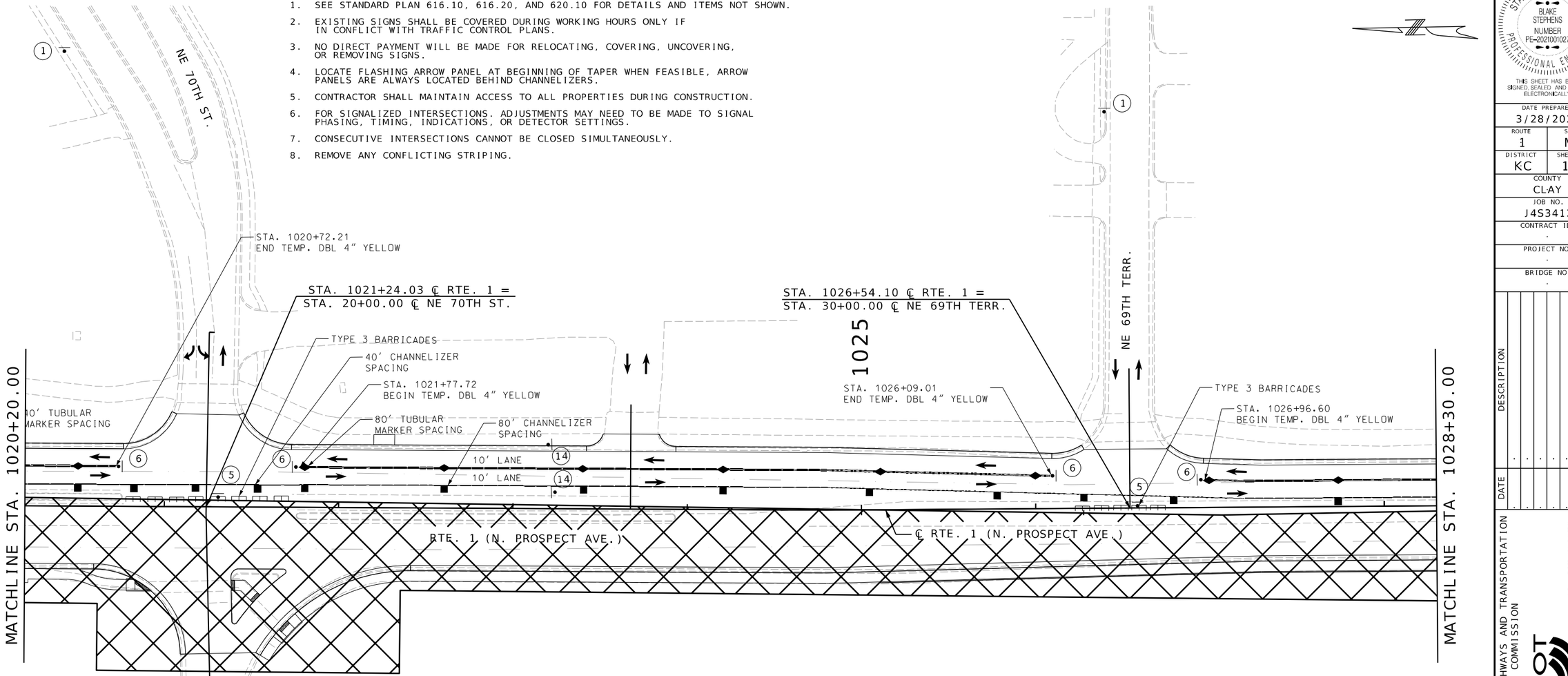

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R4-7a

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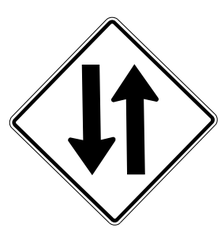

WO6-3

(14)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
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- CHANNELIZER
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- BARRICADE
- CHANGEABLE MESSAGE BOARD

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 30 OF 57

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

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	140

COUNTY: CLAY

JOB NO.: J4S3412

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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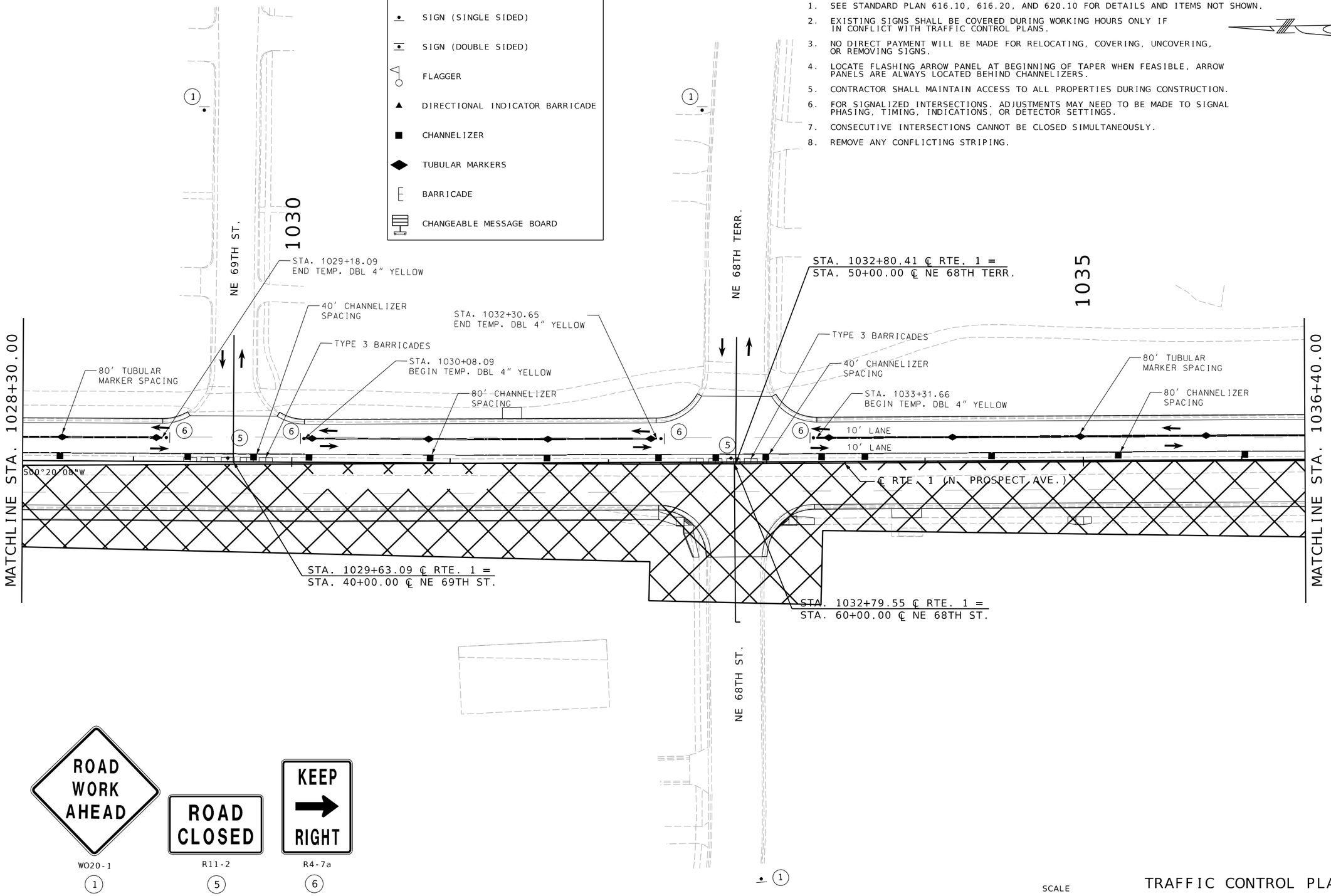

WO20-1

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(5)

R4-7a

(6)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 31 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/30/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	141
COUNTY	CLAY
JOB NO.	J4S3412
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 Ter., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

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- SIGN (DOUBLE SIDED)
- FLAGGER
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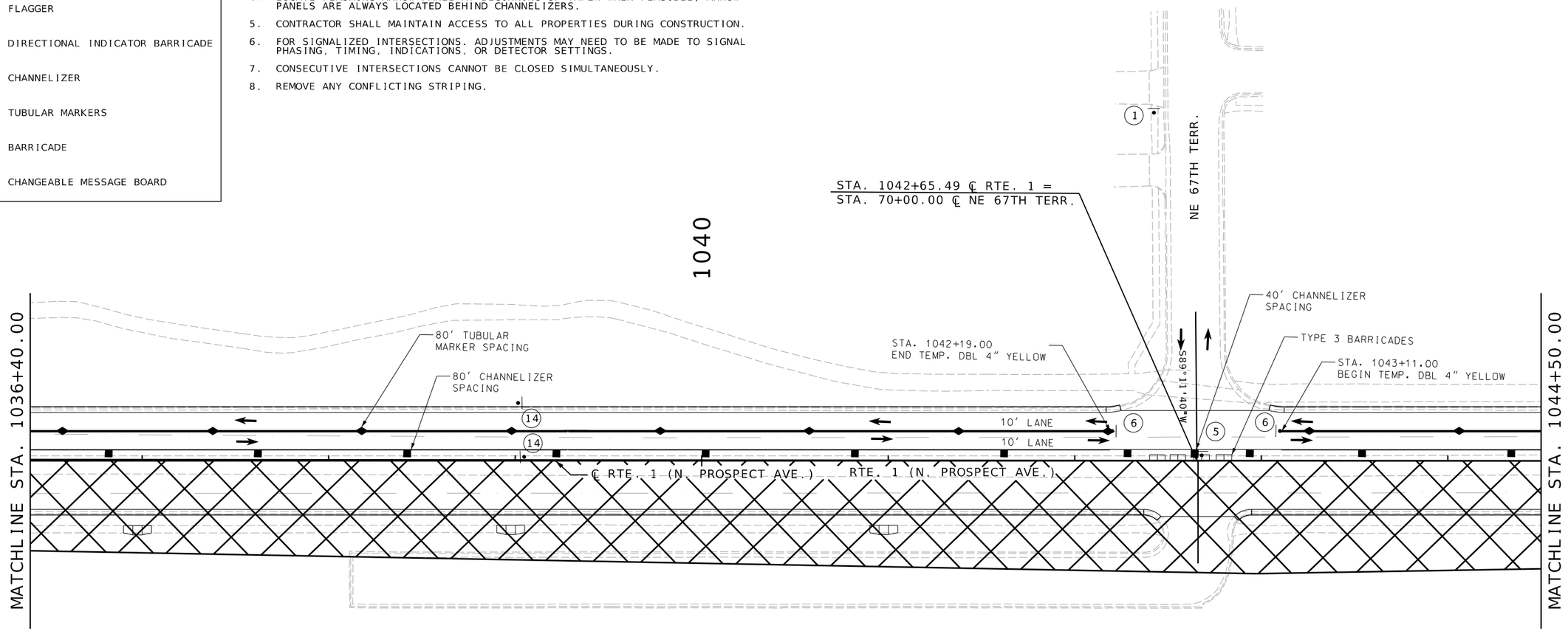

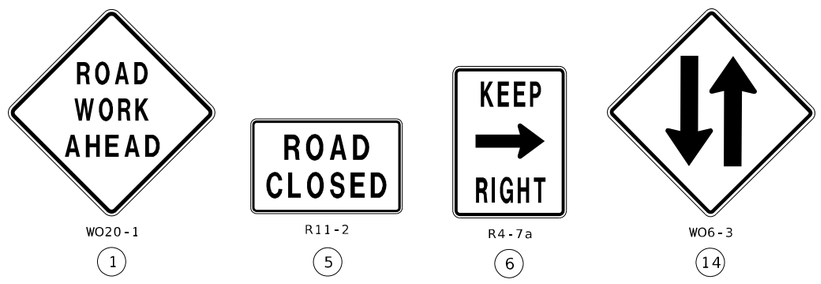

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 32 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	142

COUNTY
CLAY

JOB NO.
J4S3412

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
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WILSON &COMPANY ENGINEERS & ARCHITECTS

142_TC_32_J4S3412_I30_Rte1_P2.dgn 12:03:42 PM 3/3/2025

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
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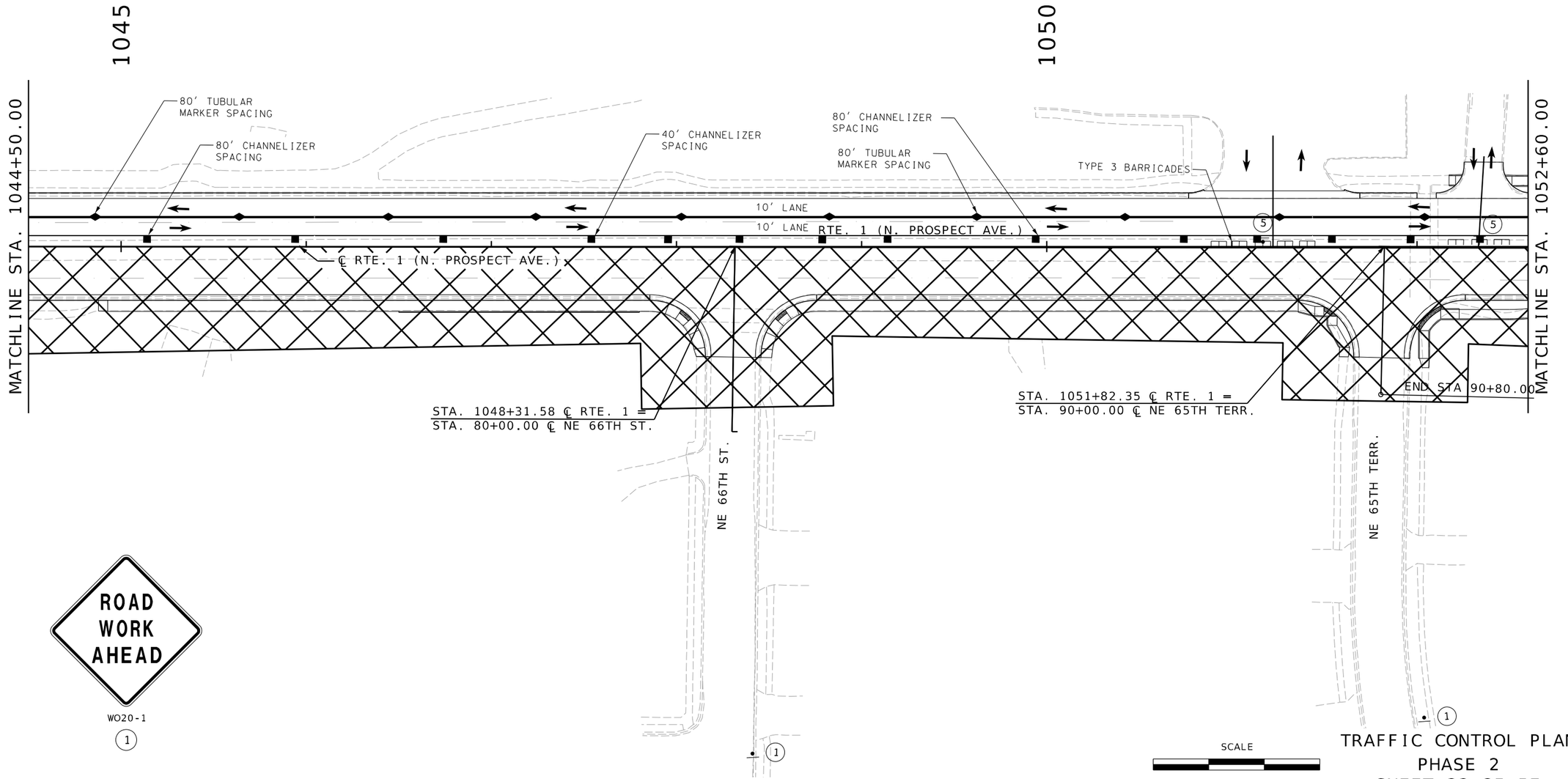

WO20-1

1

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 33 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

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DATE PREPARED: 3/30/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	143

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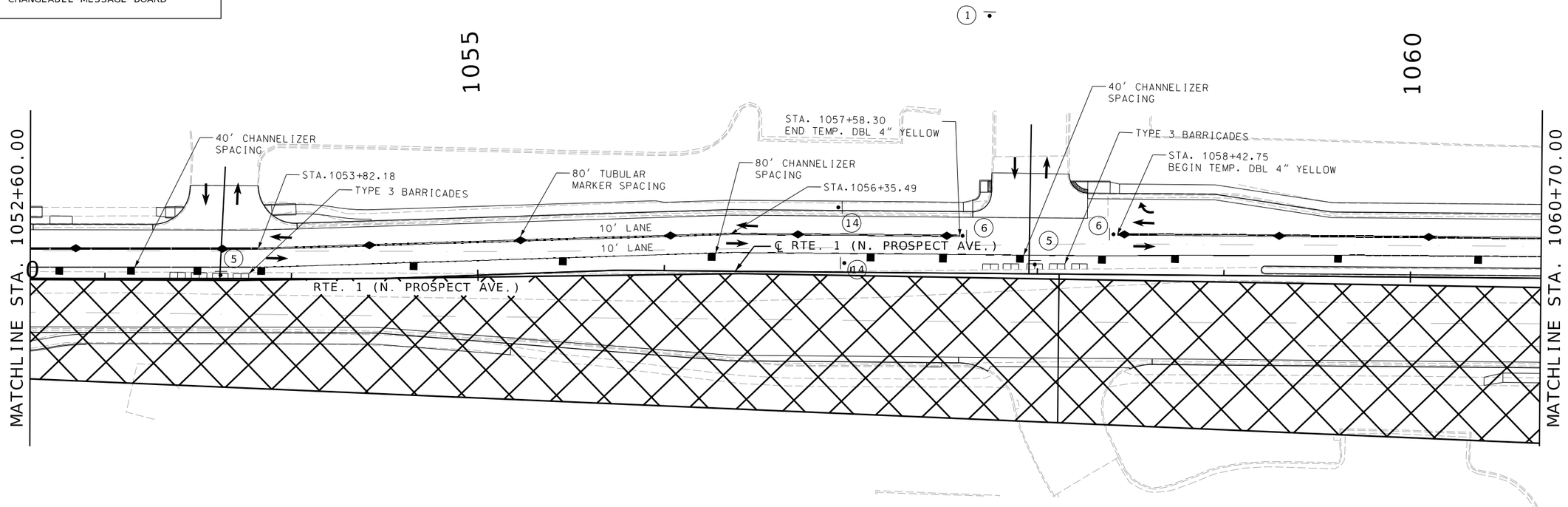

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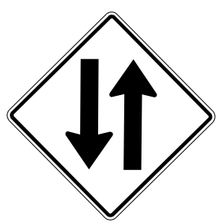

WO6-3

14

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 34 OF 57

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	144

COUNTY
CLAY

JOB NO.
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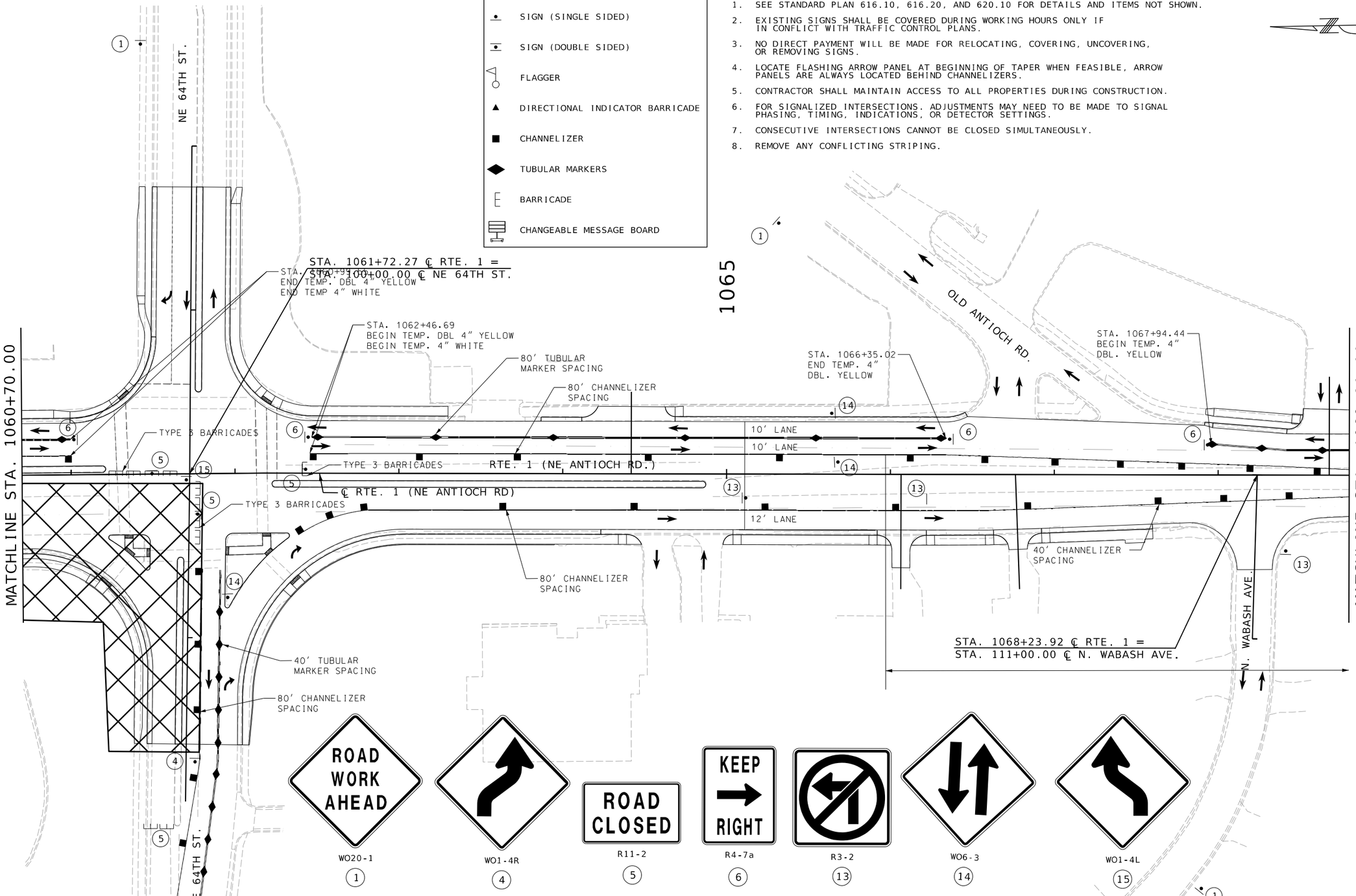

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 35 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	145

COUNTY: CLAY
JOB NO.: J4S3412
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

TRAFFIC CONTROL LEGEND

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

GENERAL NOTES:

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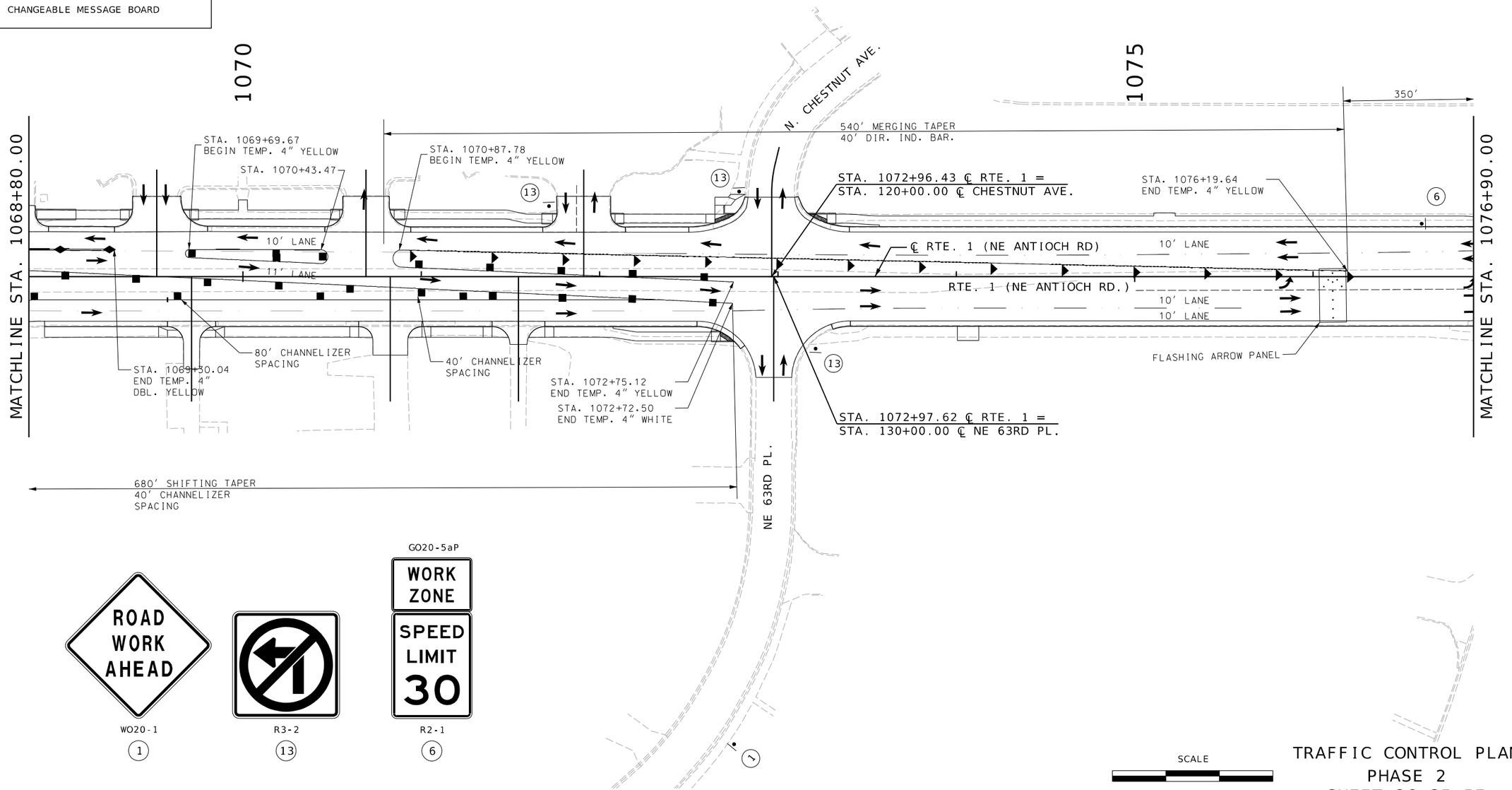

WO20-1 (1)

R3-2 (13)

GO20-5aP

R2-1 (6)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 36 OF 57

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

DATE PREPARED: 3/30/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	146

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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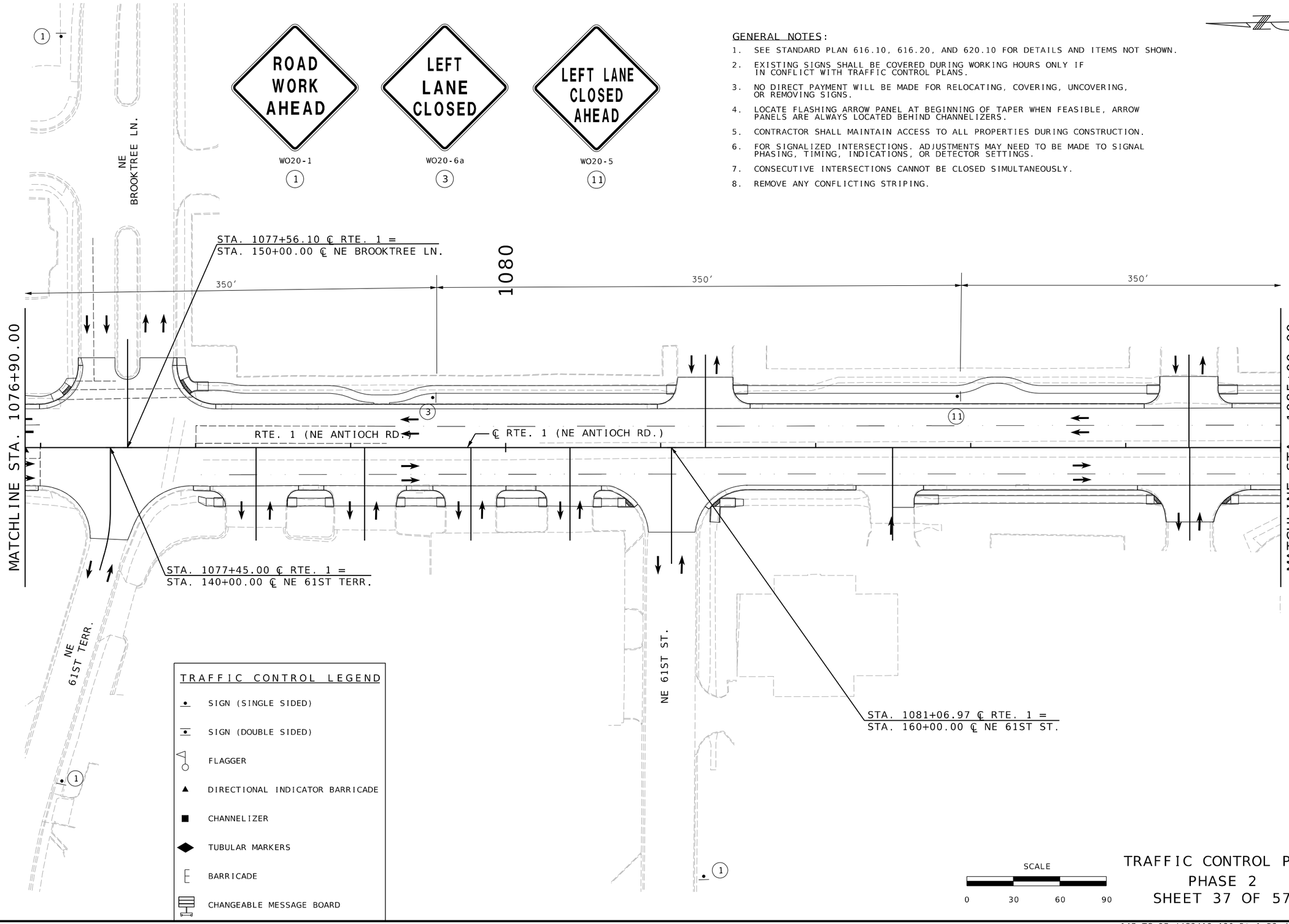

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 37 OF 57

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	147

COUNTY: CLAY
JOB NO.: J4S3412
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

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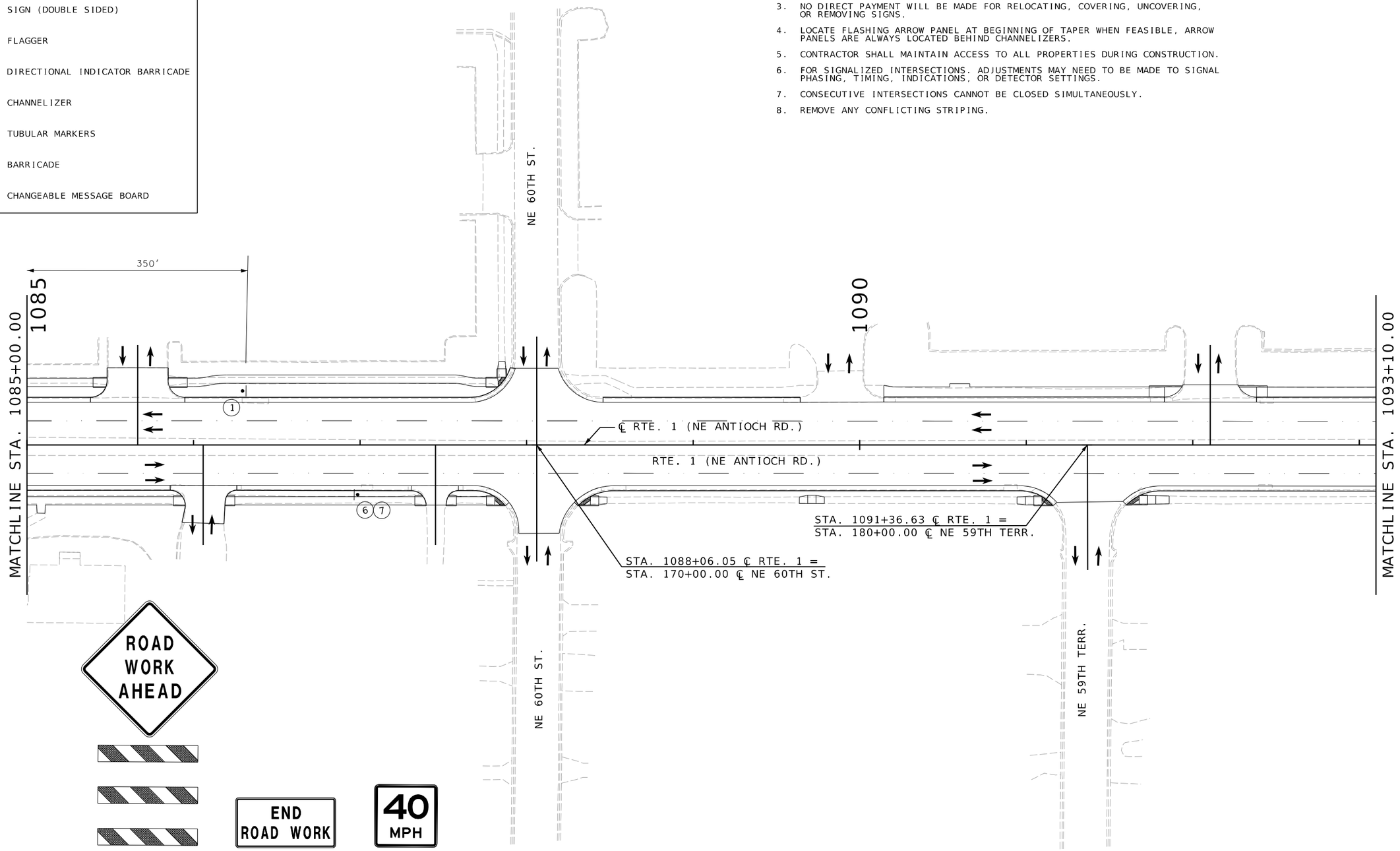

ROAD WORK AHEAD
WO20-1
1

END ROAD WORK
GO20-2
6

40 MPH
WO13-1
7

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 38 OF 57

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	148

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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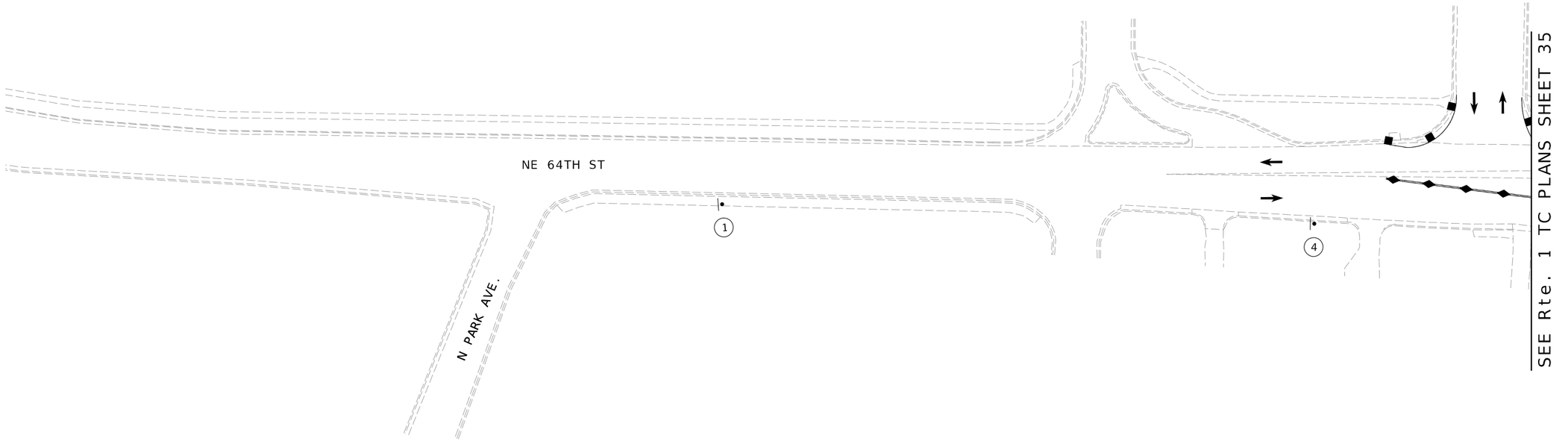

WO20-1

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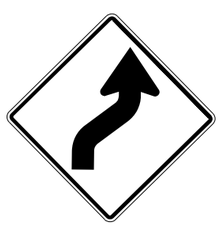

WO1-4R

4

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 2
SHEET 39 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	149

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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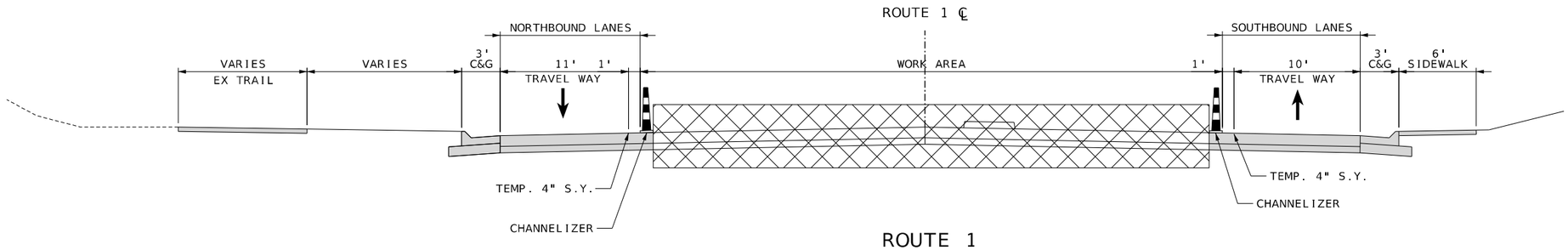
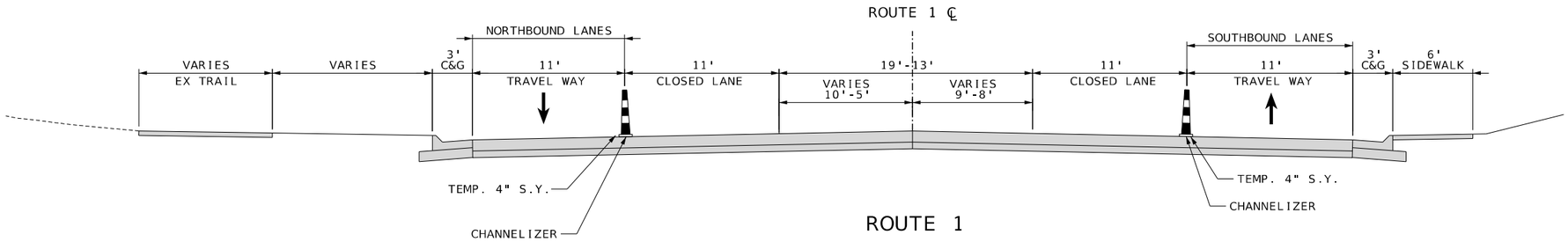


ROUTE 1

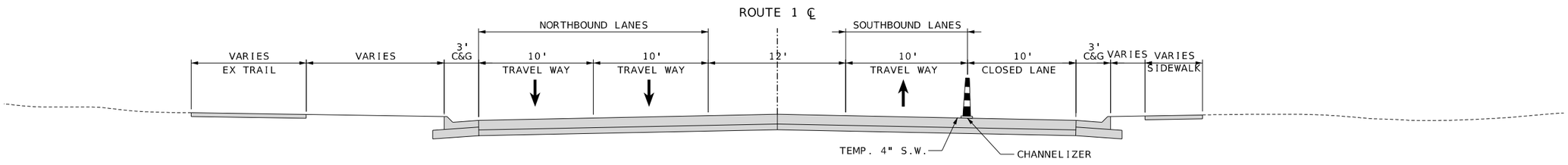
STA. 1010+50.00 TO STA. 1018+68.13



ROUTE 1

STA. 1018+71.85 TO STA. 1035+52.71

LANE SHIFT: STA. 1035+52.71 TO STA. 1037+90.86



ROUTE 1

STA. 1037+90.86 TO STA. 1042+94.87

LANE SHIFT: STA. 1042+94.87 TO STA. 1049+20.21

TYPICAL SECTIONS
PHASE 3
SHEET 40 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	150

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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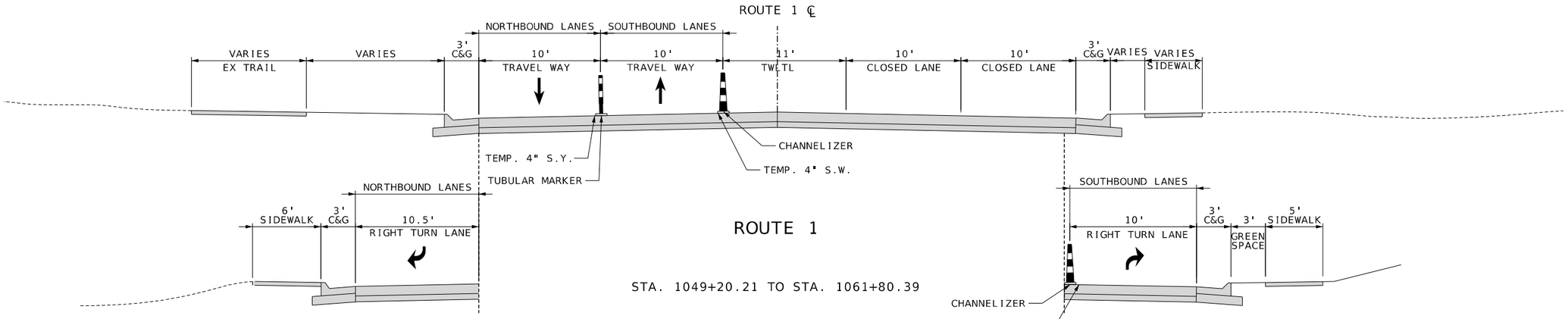
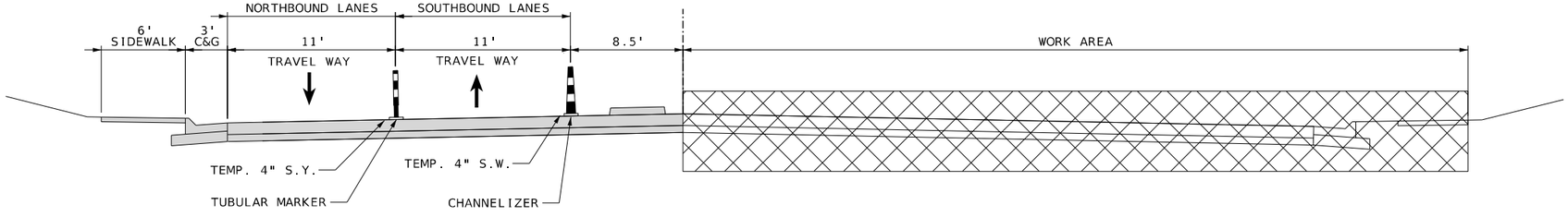


ROUTE 1

STA. 1049+20.21 TO STA. 1061+80.39

STA. 1058+37.46 TO 1058+96.13

STA. 1057+41+51 TO 1061+72.27



ROUTE 1

STA. 1061+80.39 TO STA. 1065+11.00

TYPICAL SECTIONS
PHASE 3
SHEET 41 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	151

COUNTY: CLAY
JOB NO.: J4S3412
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
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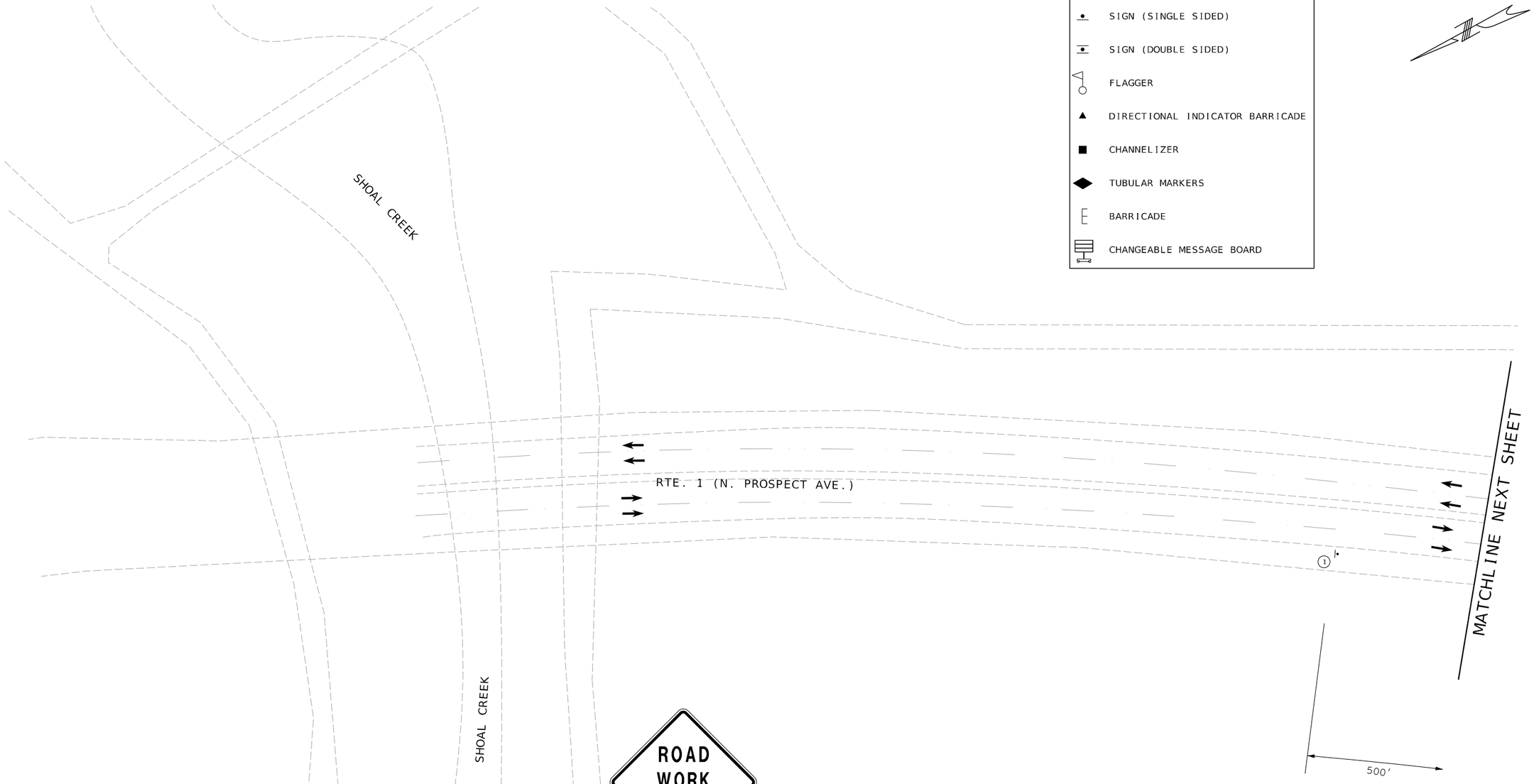
Missouri Cert. of Authority #2003007599

TRAFFIC CONTROL LEGEND

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



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SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 42 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	152

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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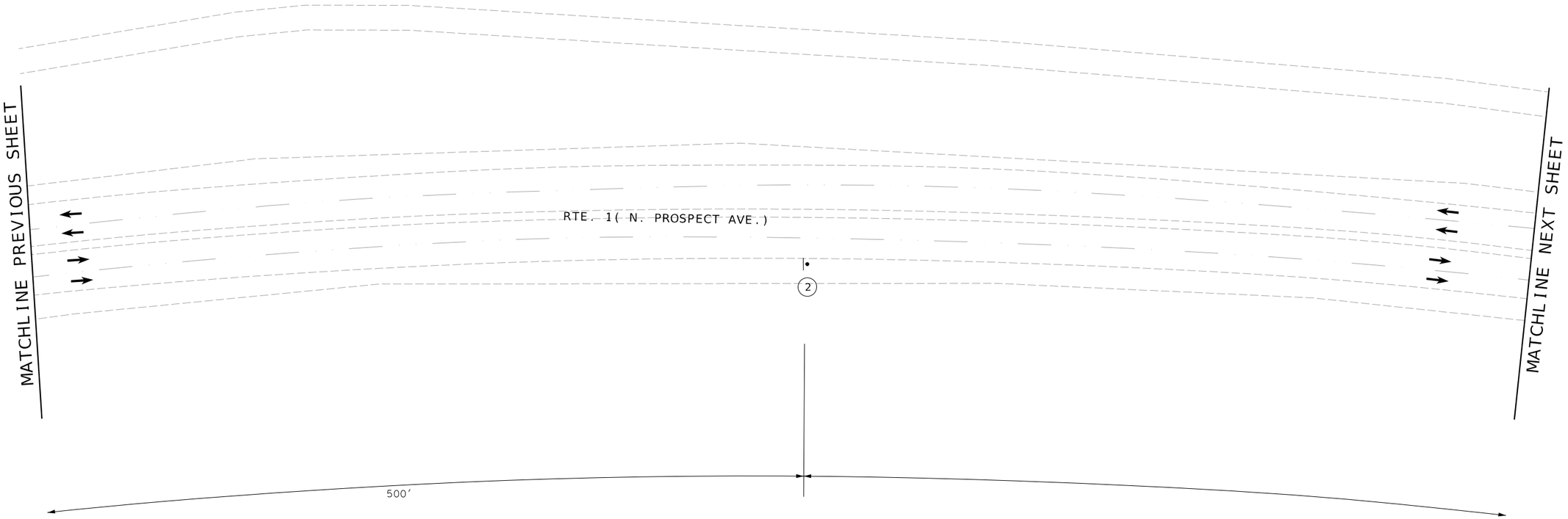

WO20-5

2

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 43 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

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DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	153

COUNTY
CLAY

JOB NO.
J4S3412

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

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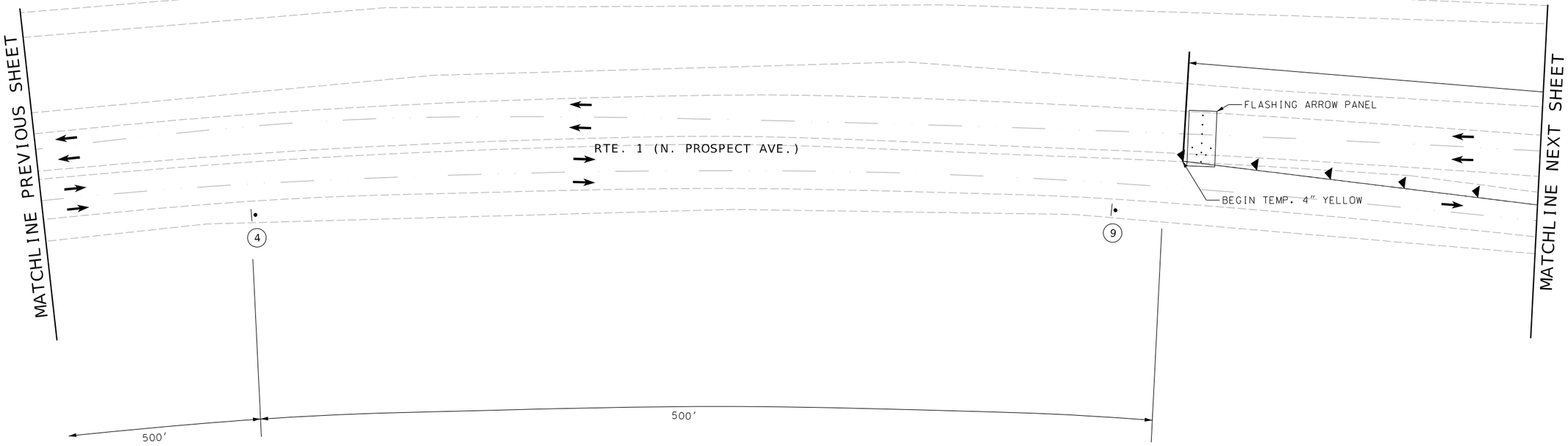

WO20-6a

4

GO20-5aP

R2-1

9

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 44 OF 57

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	154

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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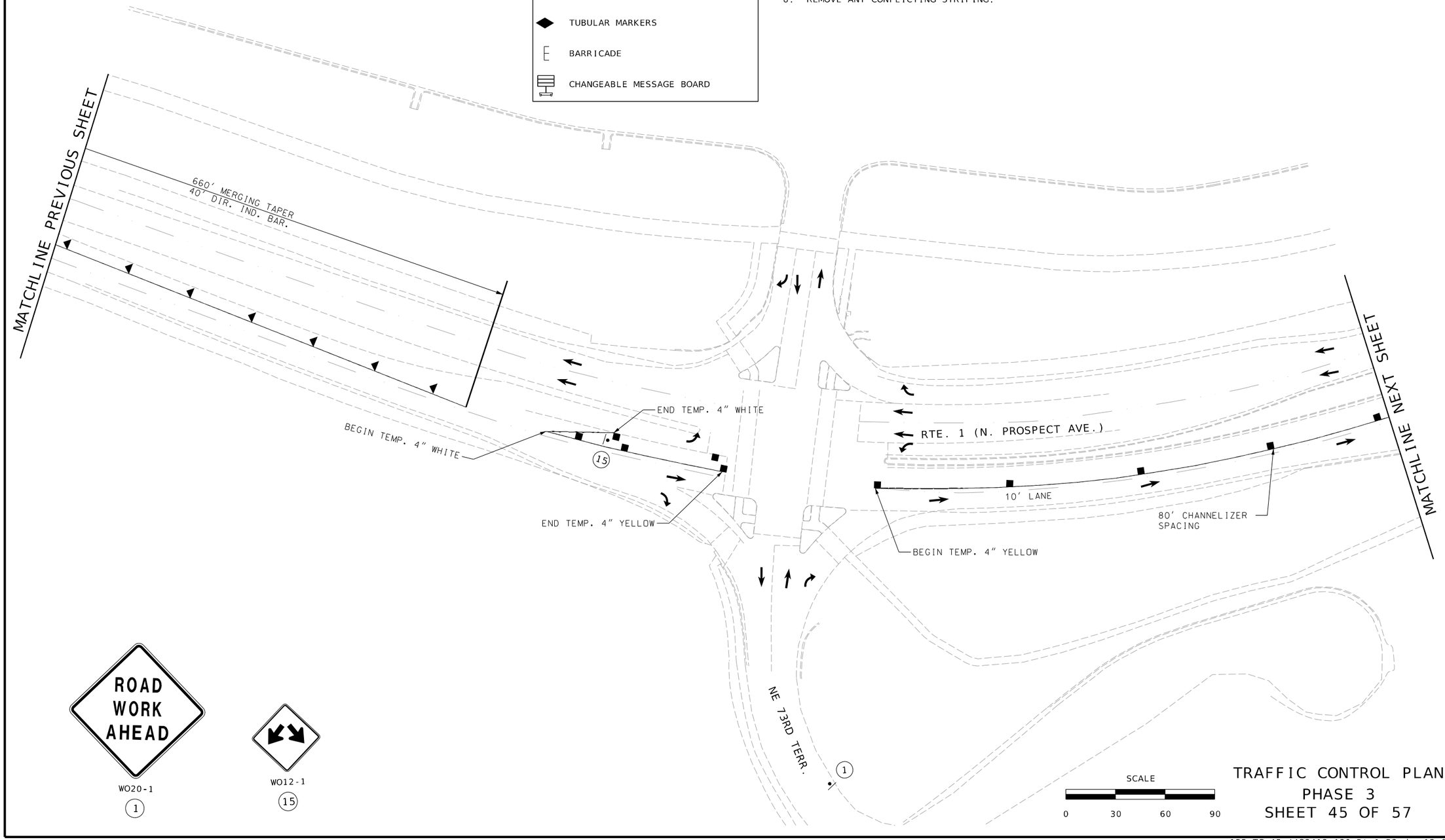
8. REMOVE ANY CONFLICTING STRIPING.



ROAD WORK AHEAD

WO20-1

1

WO12-1

15

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 45 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	155
COUNTY	CLAY
JOB NO.	J4S3412
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)

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

TRAFFIC CONTROL LEGEND

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

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.
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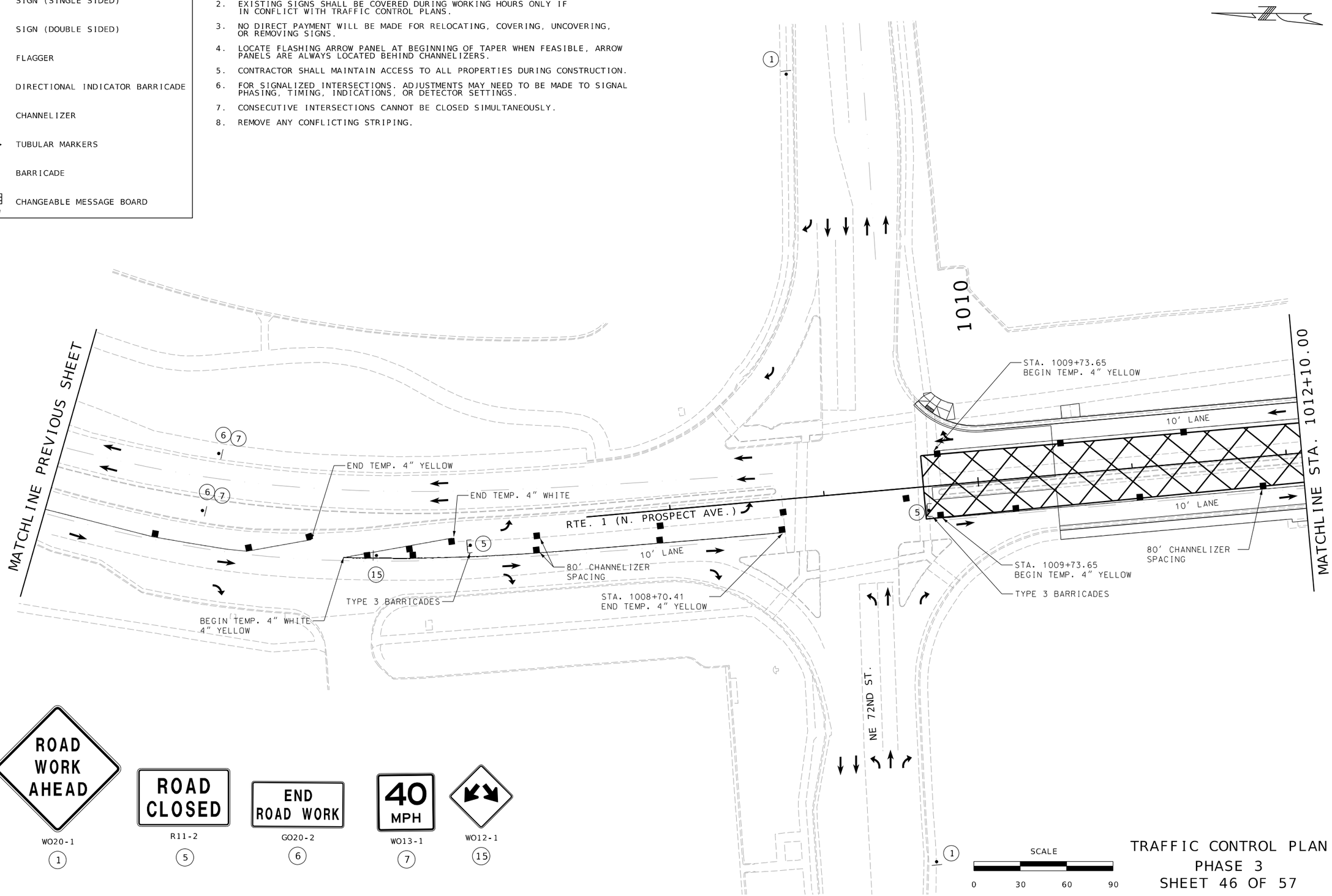

WO20-1 (1)

R11-2 (5)

G020-2 (6)

WO13-1 (7)

WO12-1 (15)

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 46 OF 57

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

DATE PREPARED: 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	156

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE

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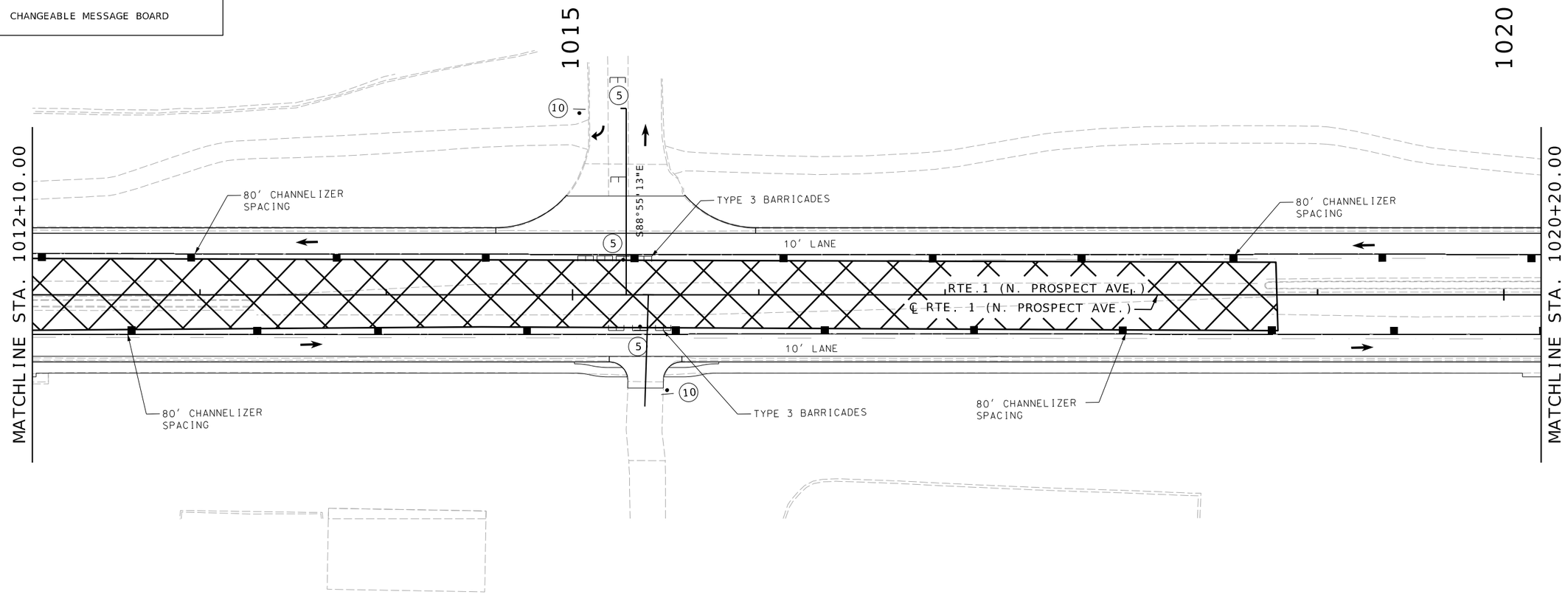

R11-2

5

R3-2

10

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 47 OF 57

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	157

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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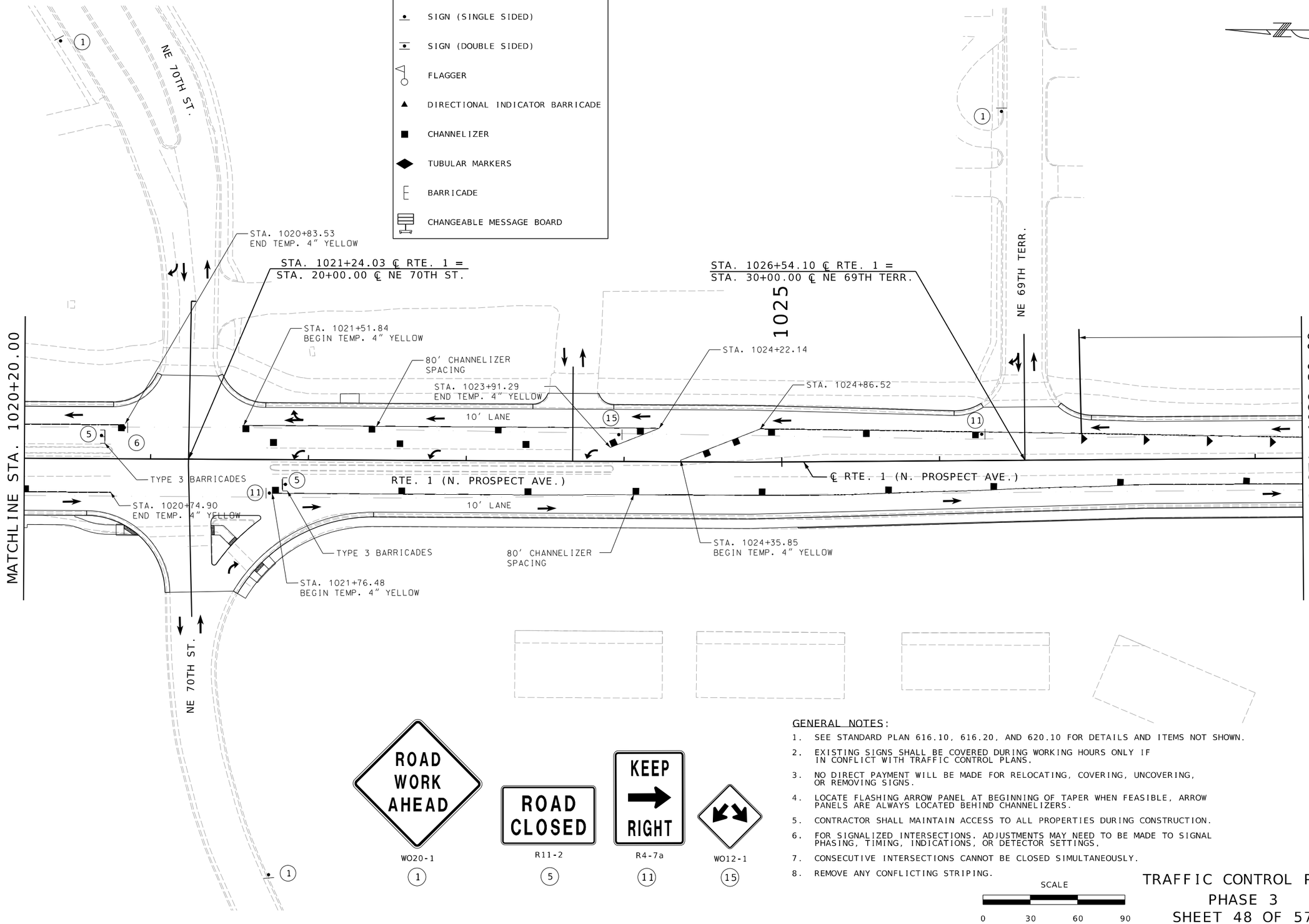

WO20-1

(1)

R11-2

(5)

R4-7a

(11)

WO12-1

(15)

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SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 48 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	158

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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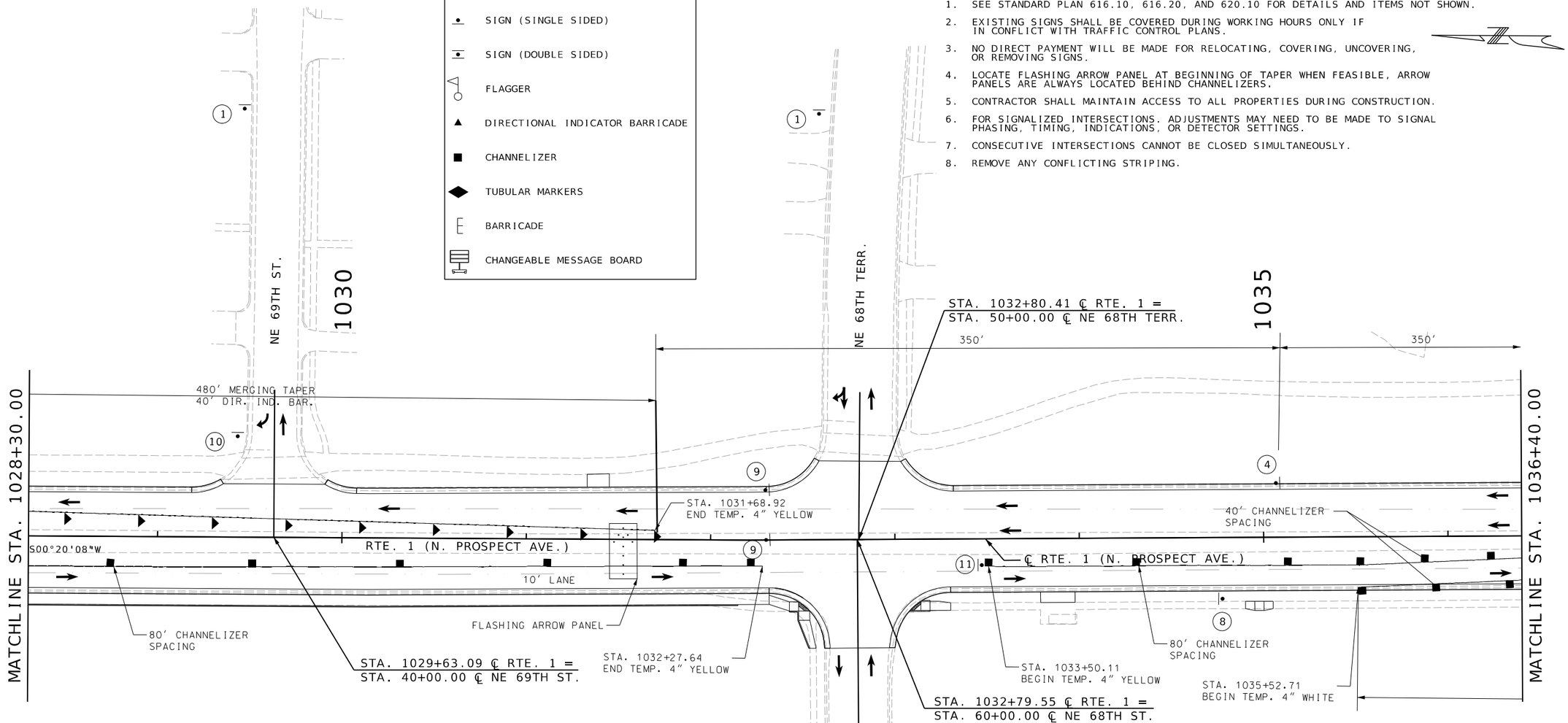

WO20-1

(1)

WO20-6a

(4)

R3-2

(10)

GO20-5aP

R2-1

(9)

R4-7a

(11)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 49 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	159
COUNTY	CLAY
JOB NO.	J4S3412
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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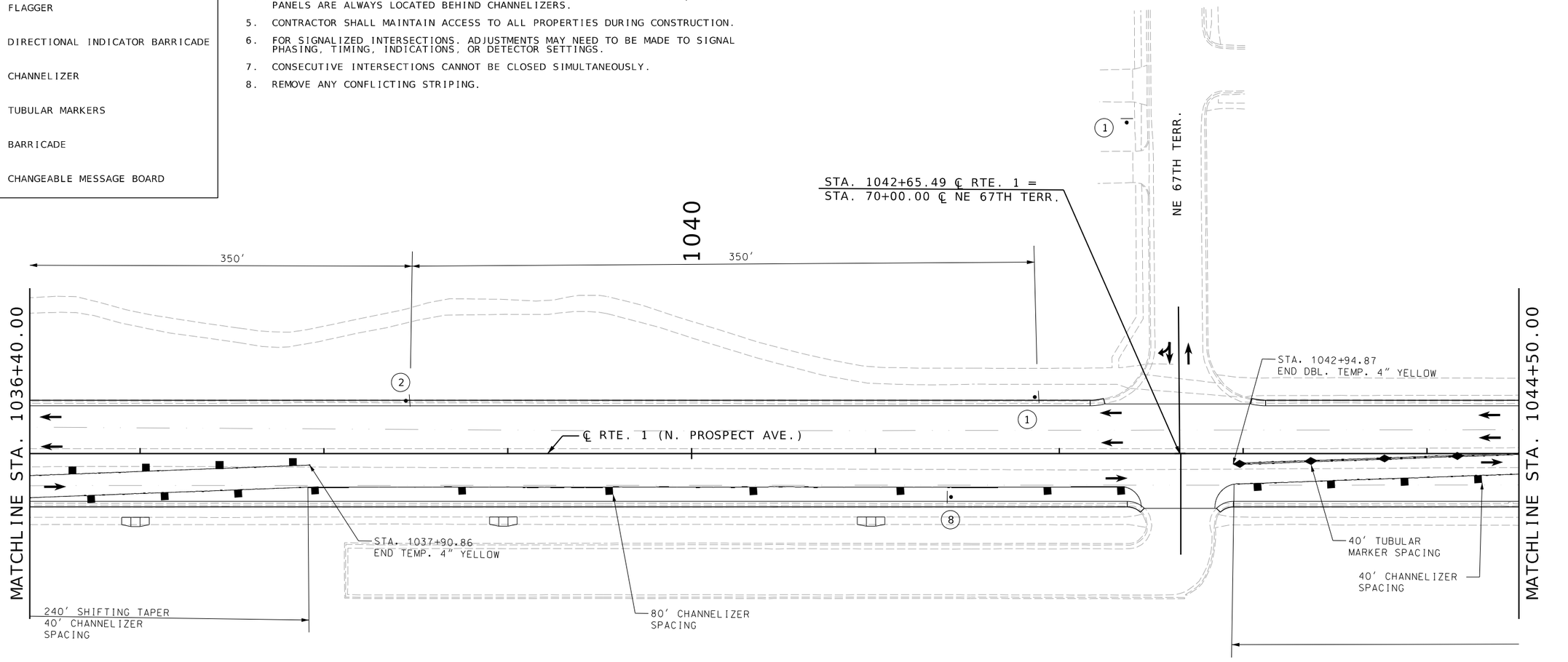

WO20-1

(1)

WO20-5

(2)

WO1-4L

(8)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 50 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	160
COUNTY	CLAY
JOB NO.	J4S3412
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)

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

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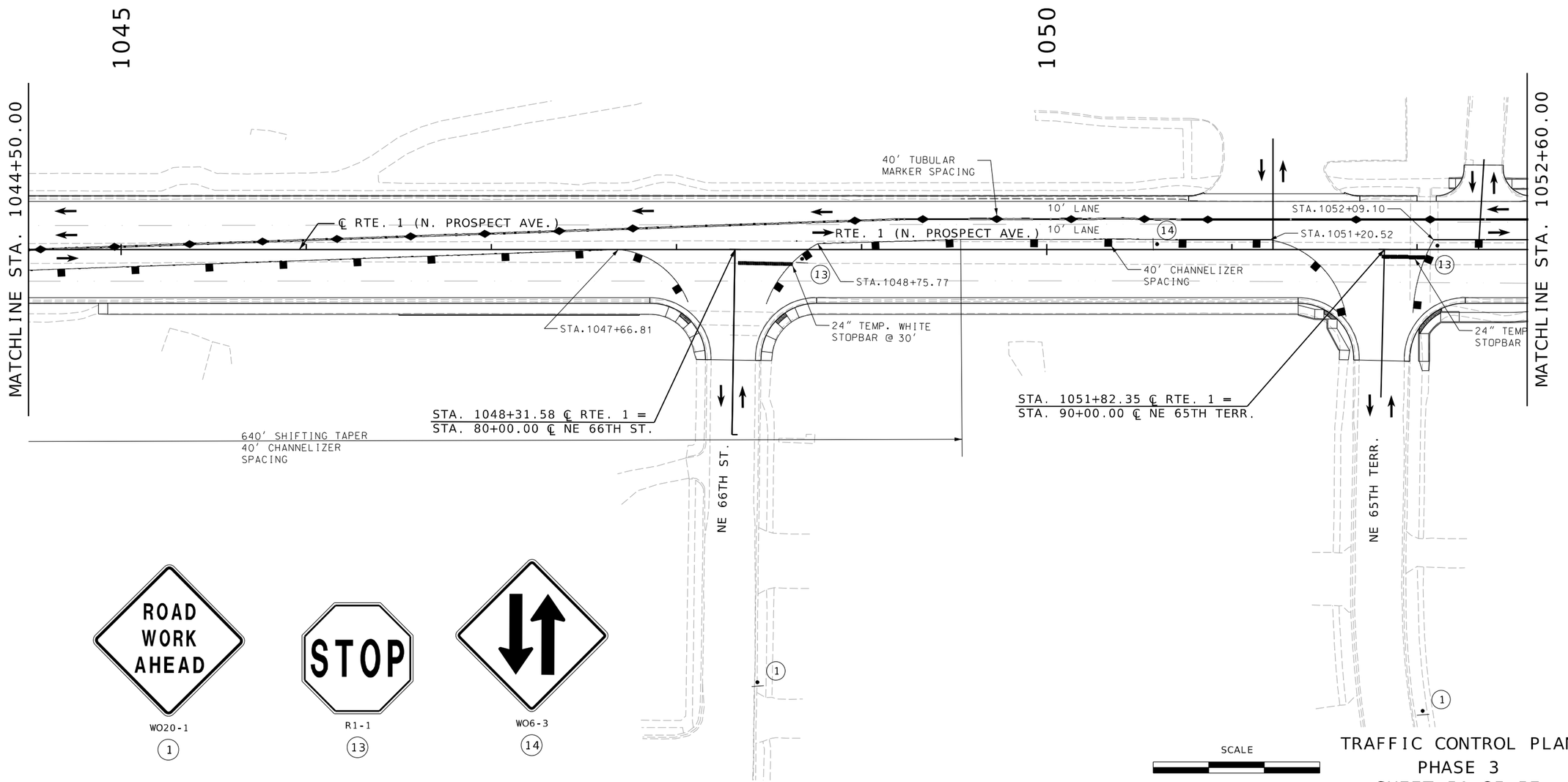

WO20-1

(1)

R1-1

(13)

WO6-3

(14)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 51 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	161

COUNTY: CLAY

JOB NO.: J4S3412

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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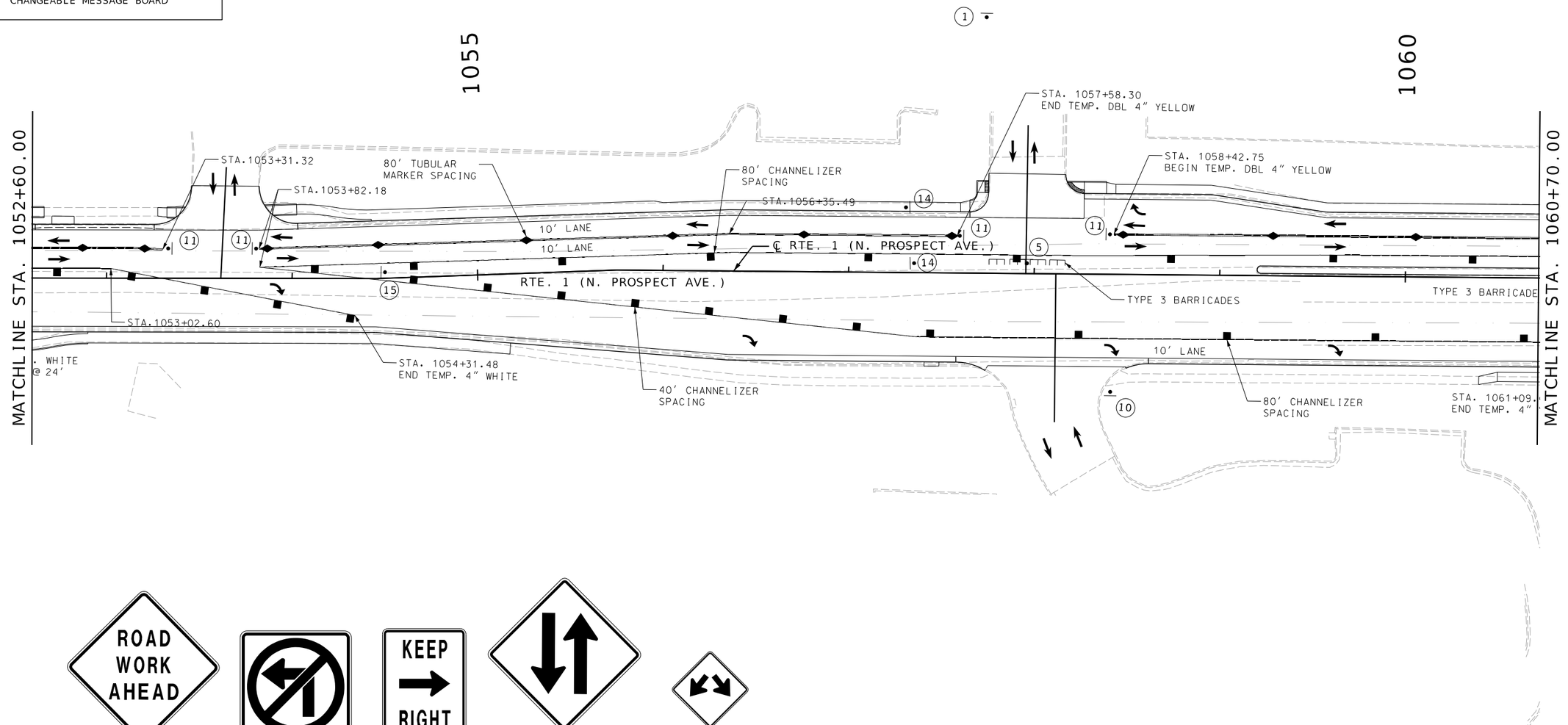

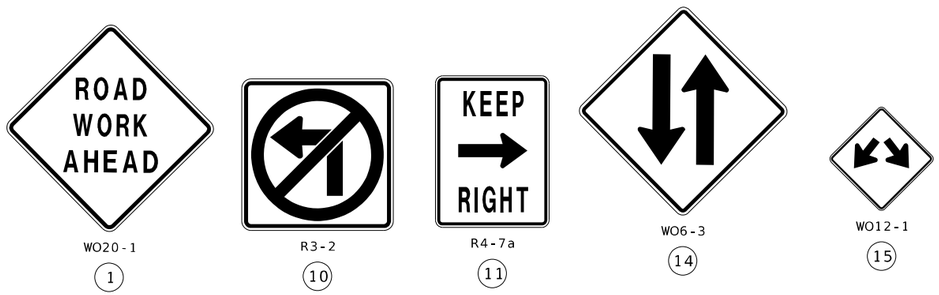

WO20-1 (1) | R3-2 (10) | R4-7a (11) | WO6-3 (14) | WO12-1 (15)

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 52 OF 57

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	162

COUNTY CLAY
JOB NO. J4S3412
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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
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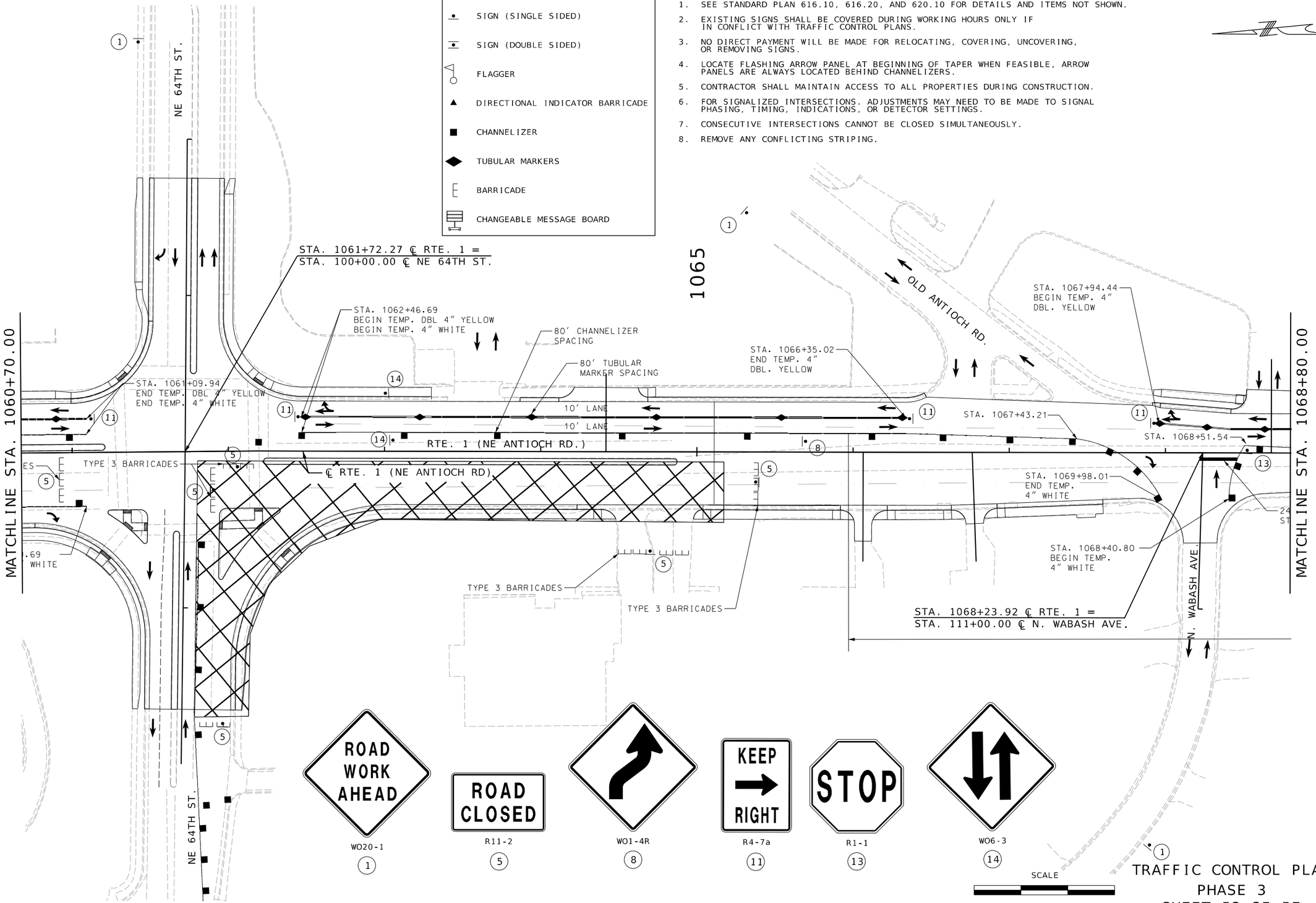

WO20-1
(1)

R11-2
(5)

WO1-4R
(8)

R4-7a
(11)

R1-1
(13)

WO6-3
(14)

SCALE
0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 53 OF 57

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

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	163
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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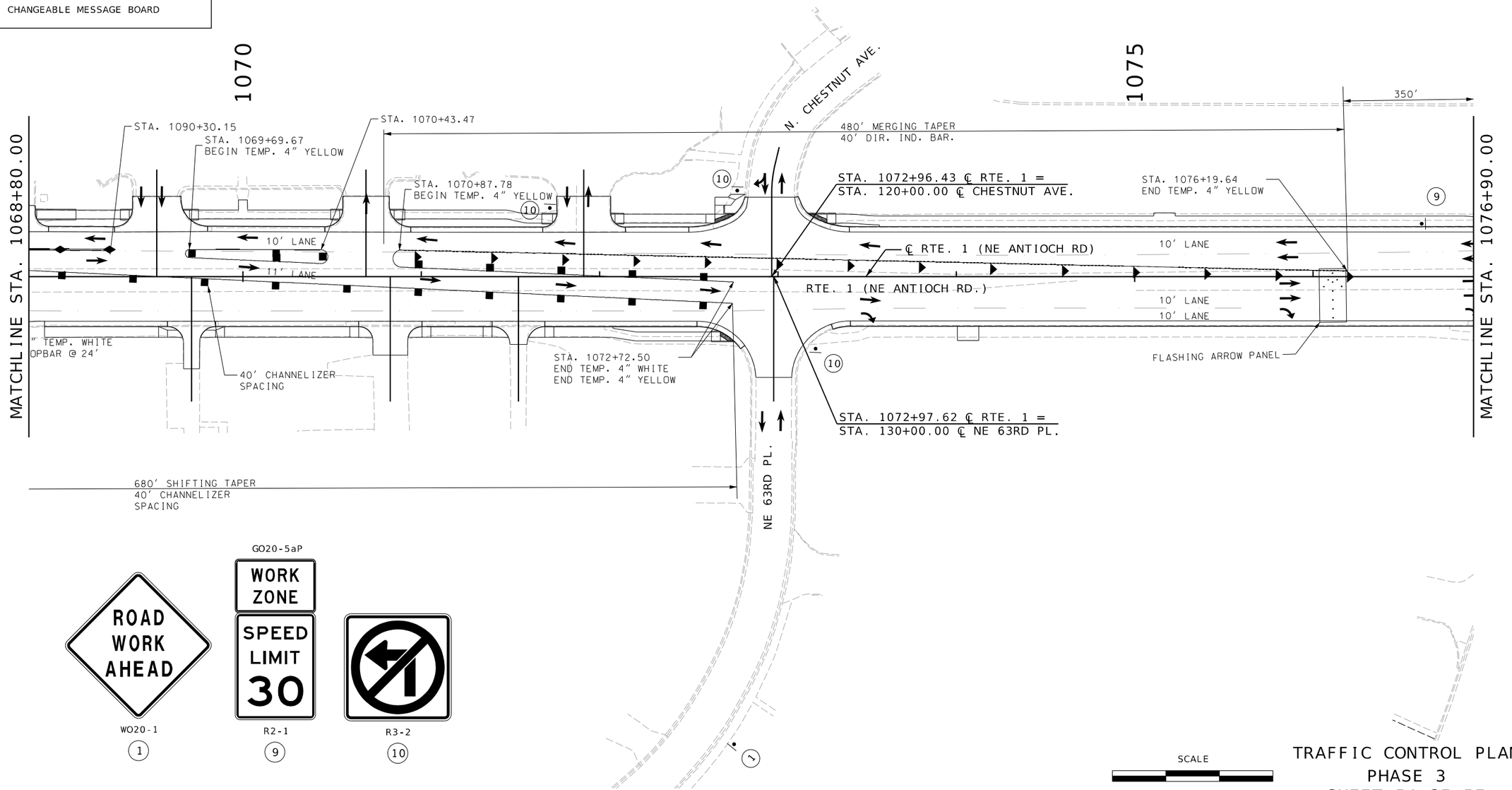

GO20-5aP

WO20-1 (1) R2-1 (9) R3-2 (10)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 54 OF 57

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

DATE PREPARED: 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	164

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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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

WO20-1

1

WO20-5

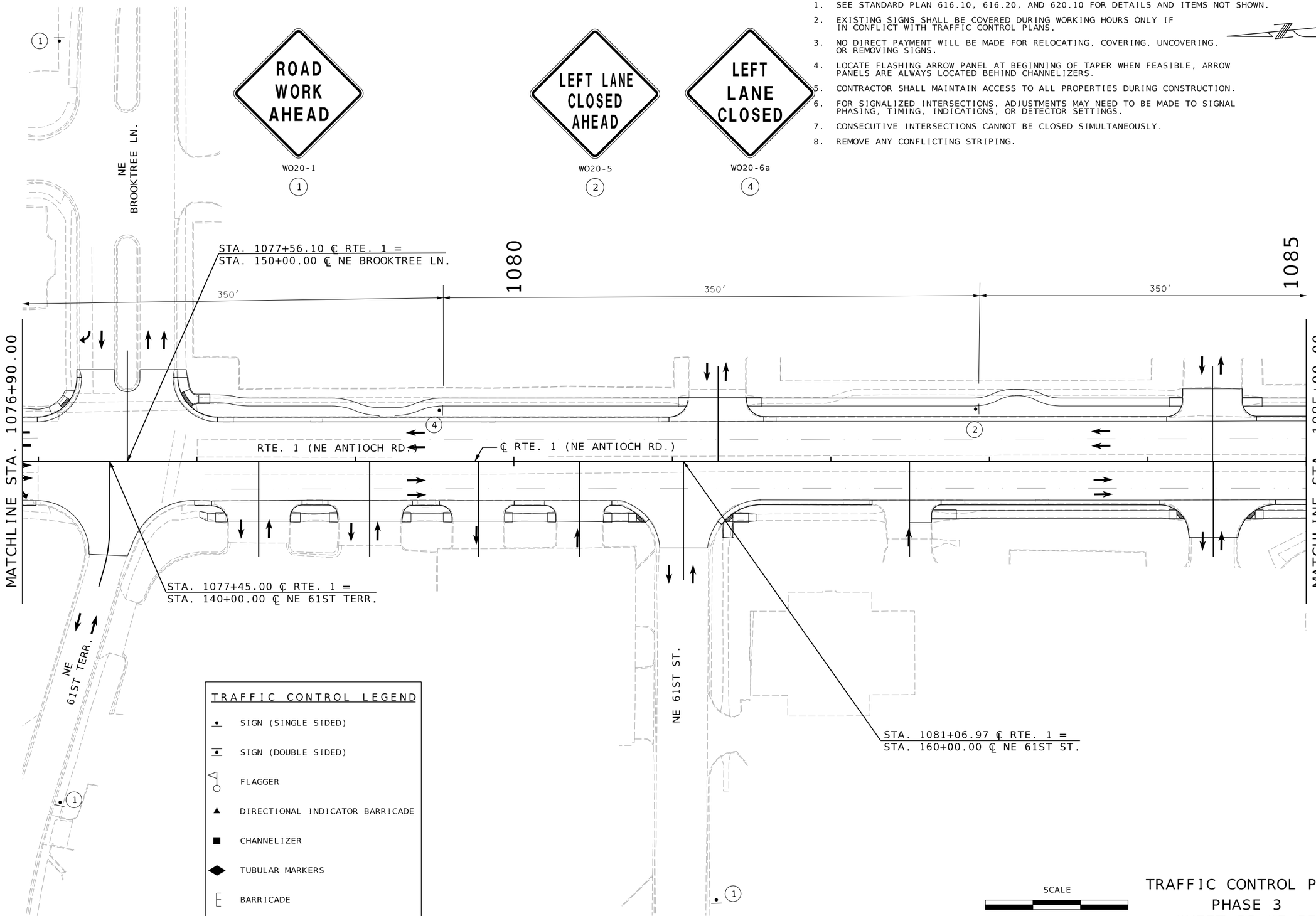
2

WO20-6a

4

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

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 55 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	165

COUNTY: CLAY

JOB NO.: J4S3412

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)

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

GENERAL NOTES:

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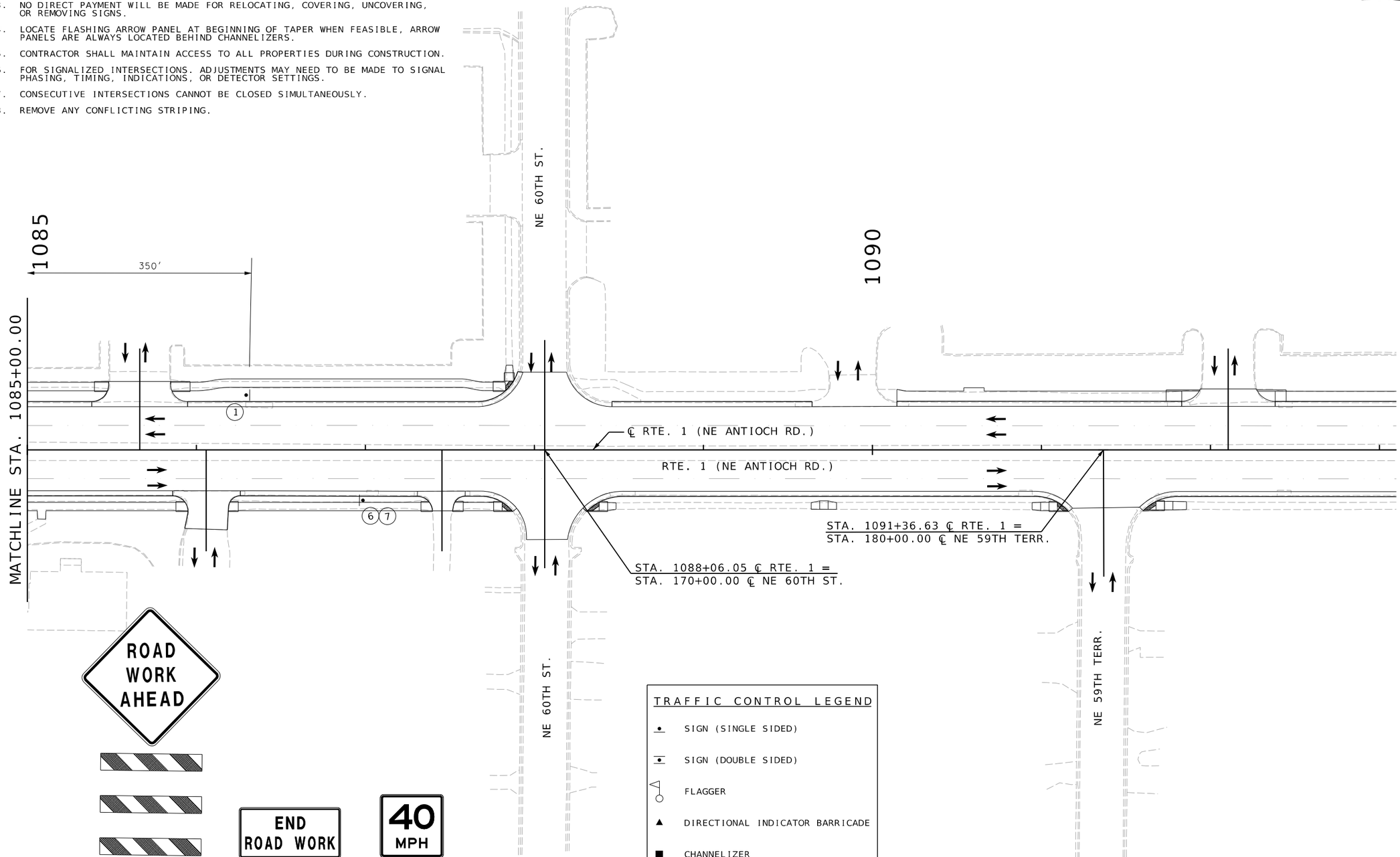

WO20-1
1

GO20-2
6

WO13-1
7

TRAFFIC CONTROL LEGEND

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

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 56 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	166

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

TRAFFIC CONTROL LEGEND

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

GENERAL NOTES:

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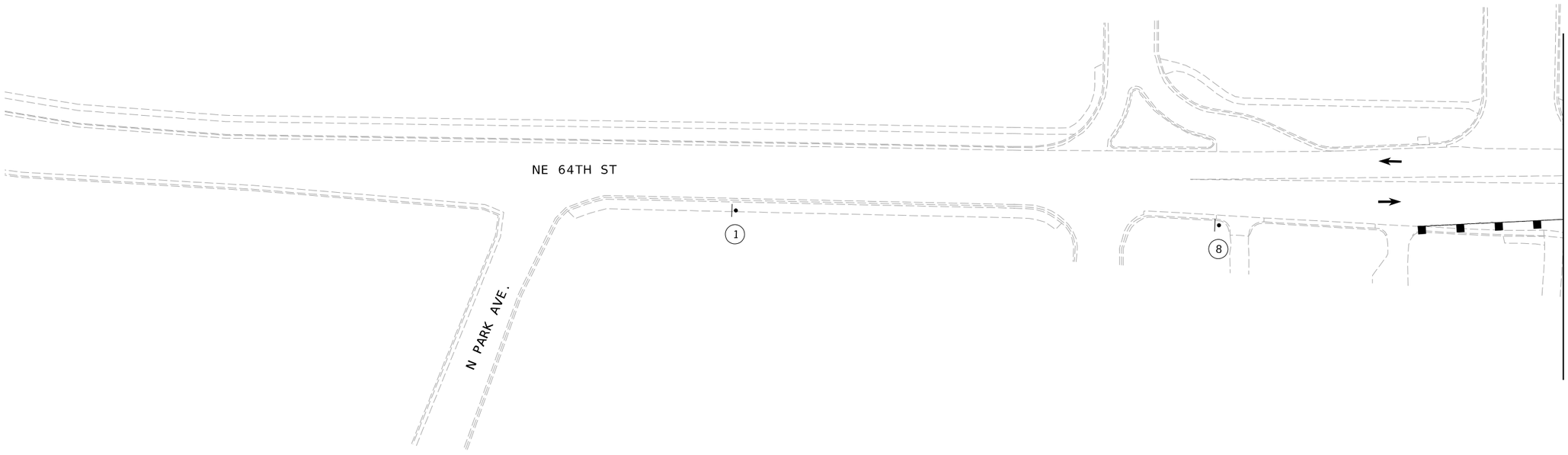

WO20-1

(1)

WO1-4L

(8)

SCALE

0 30 60 90

TRAFFIC CONTROL PLAN
PHASE 3
SHEET 57 OF 57

STATE OF MISSOURI
BLAKE STEPHENS
NUMBER PE-2021001027
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	167

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

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

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE

EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. ESMT.
EXIST. R/W

NE 72ND ST.

1010

CONST. LIMITS

1010+80.00

MATCHLINE STA. 1011

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

EXIST. R/W

EXIST. R/W

NE 72ND ST.

EXIST. R/W

STA. 1010+40
BEGIN SILT FENCE

EXIST. R/W

CONST. LIMITS

SCALE
0 20 40 60

TEMP. EROSION CONTROL SHEET
1 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	168

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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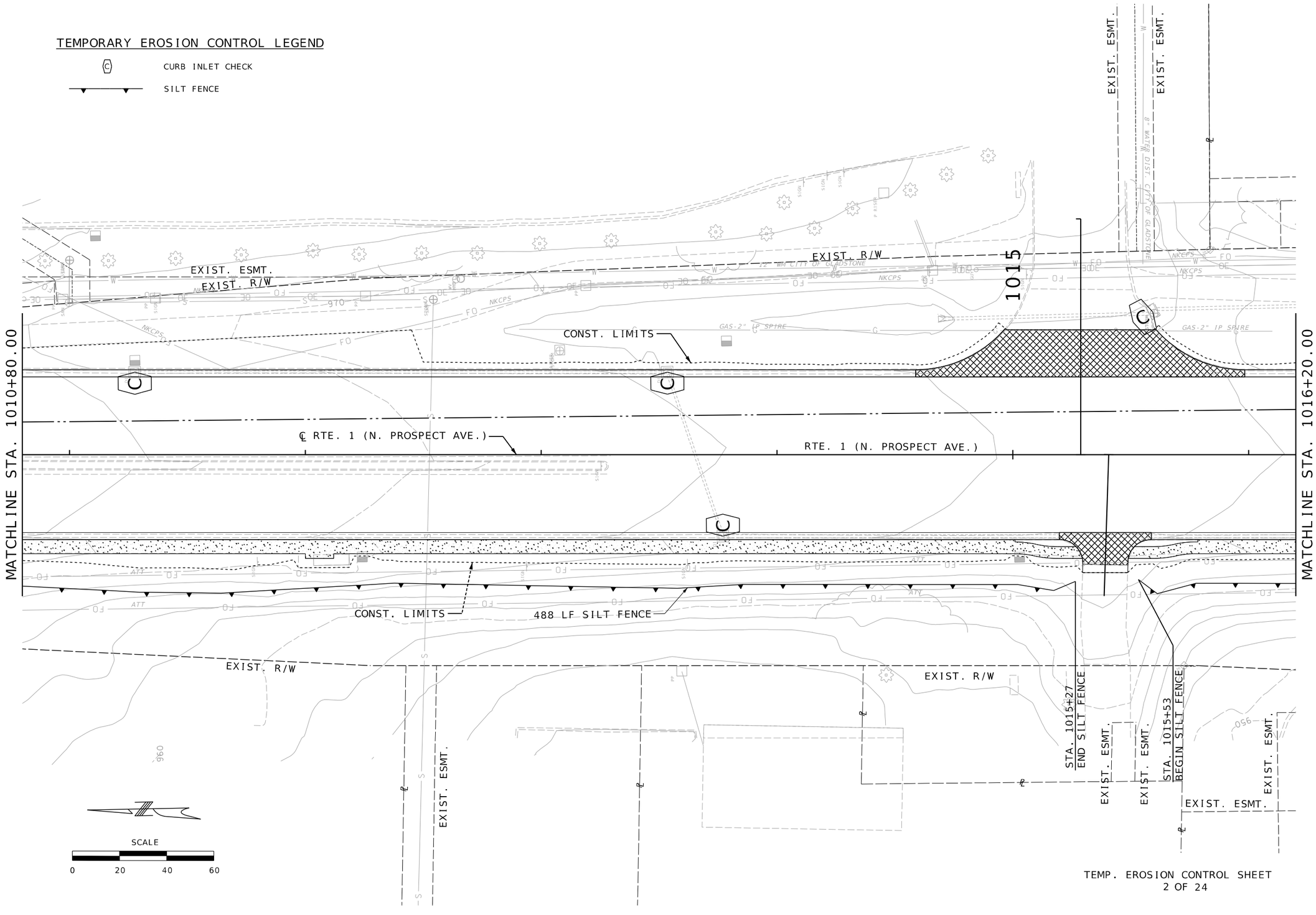
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

TEMPORARY EROSION CONTROL LEGEND

C — CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
2 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	169

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV.	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

169_EC_02_J4S3412_I20_Rte1.dgn 3:50:02 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE

MATCHLINE STA. 1016+20.00

MATCHLINE STA. 1021+60.00

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

STA. 1018+95
END SILT FENCE

207 LF SILT FENCE

EXIST. R/W

STA. 1021+00
END SILT FENCE

NE 70TH ST.

STA. 1021+45
BEGIN SILT FENCE

12" WM CITY OF GLADSTONE

NKCP5

NKCP5

12" WM CITY OF GLADSTONE

1020

CONST. LIMITS

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

STA. 1021+24.03 ℄ RTE. 1 =
STA. 20+00.00 ℄ NE 70TH ST.

547 LF SILT FENCE

CONST. LIMITS

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

STA. 1020+94
END SILT FENCE

NE 70TH ST.

SCALE

0 20 40 60

TEMP. EROSION CONTROL SHEET
3 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	170

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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REV.

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

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

170_EC_03_J4S3412_I20_Rte1.dgn 3:50:41 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

46 LF SILT FENCE

STA. 1021+88
END SILT FENCE

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

NE 69TH TERR.

EXIST. R/W

12" WM CITY OF GLADSTONE

12" WM CITY OF GLADSTONE

CONST. LIMITS

STA. 1026+54.10 ℄ RTE. 1 =
STA. 30+00.00 ℄ NE 69TH TERR.

1025

MATCHLINE STA. 1021+60.00

MATCHLINE STA. 1027+00.00

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

347 LF SILT FENCE

STA. 1024+94
END SILT FENCE

CONST. LIMITS

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

STA. 1021+61
BEGIN
SILT FENCE

SCALE

0 20 40 60

TEMP. EROSION CONTROL SHEET
4 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	171

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

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

REV.

171_EC_04_J4S3412_I20_Rte1.dgn 3:51:33 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
EXIST. R/W
NE 69TH ST.
EXIST. R/W
EXIST. R/W
EXIST. R/W
1030
950
940
12" WM CITY OF GLADSTONE
CONST. LIMITS
℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)
CONST. LIMITS
STA. 1029+63.09 ℄ RTE. 1 =
STA. 40+00.00 ℄ NE 69TH ST.
EXIST. R/W
EXIST. R/W

SCALE
0 20 40 60

TEMP. EROSION CONTROL SHEET
5 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	172

COUNTY
CLAY

JOB NO.
J4S3412

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

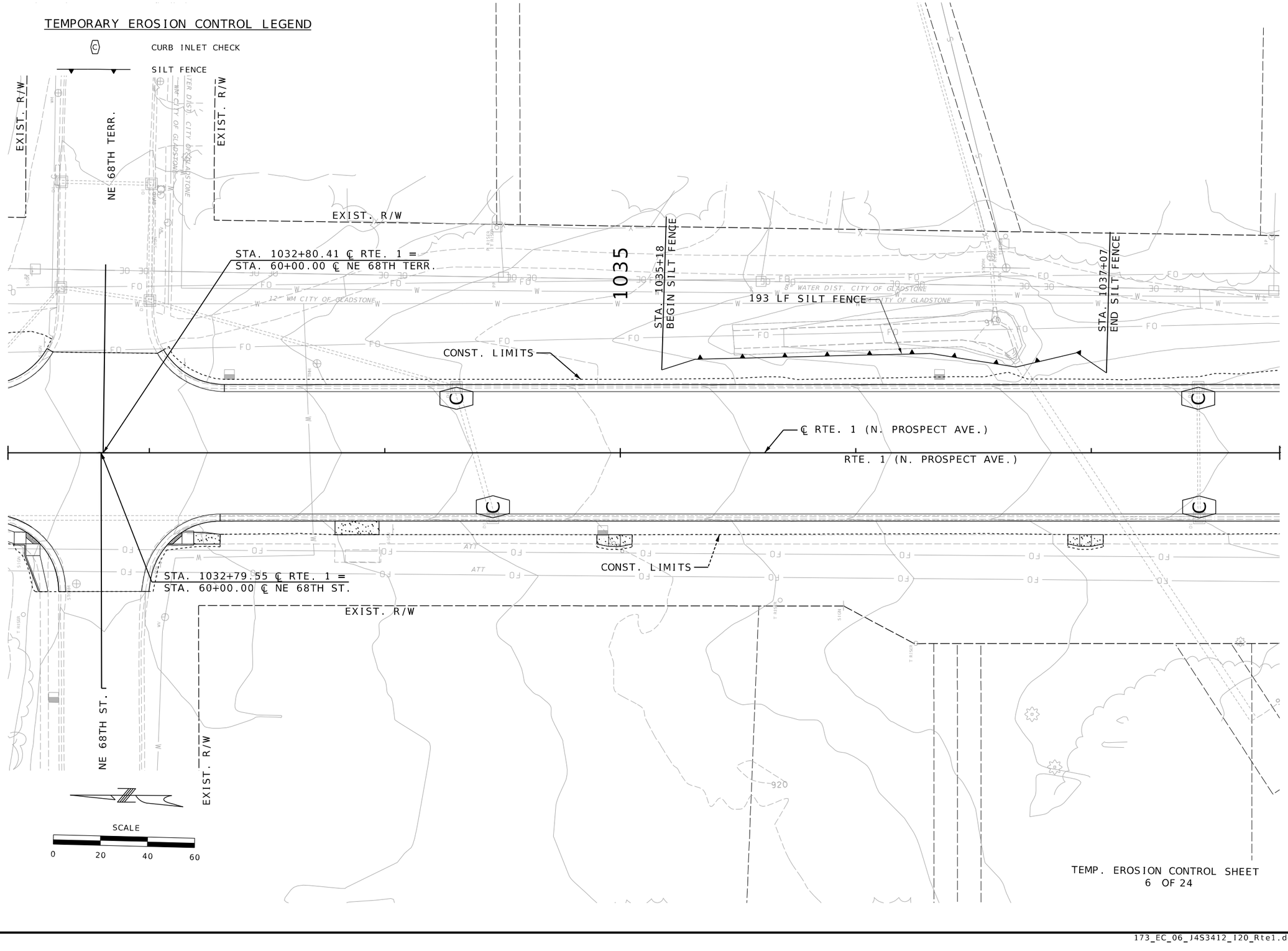
REV.

172_EC_05_J4S3412_I20_Rte1.dgn 3:51:55 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

C — CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
6 OF 24

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	173

COUNTY
CLAY

JOB NO.
J4S3412

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)

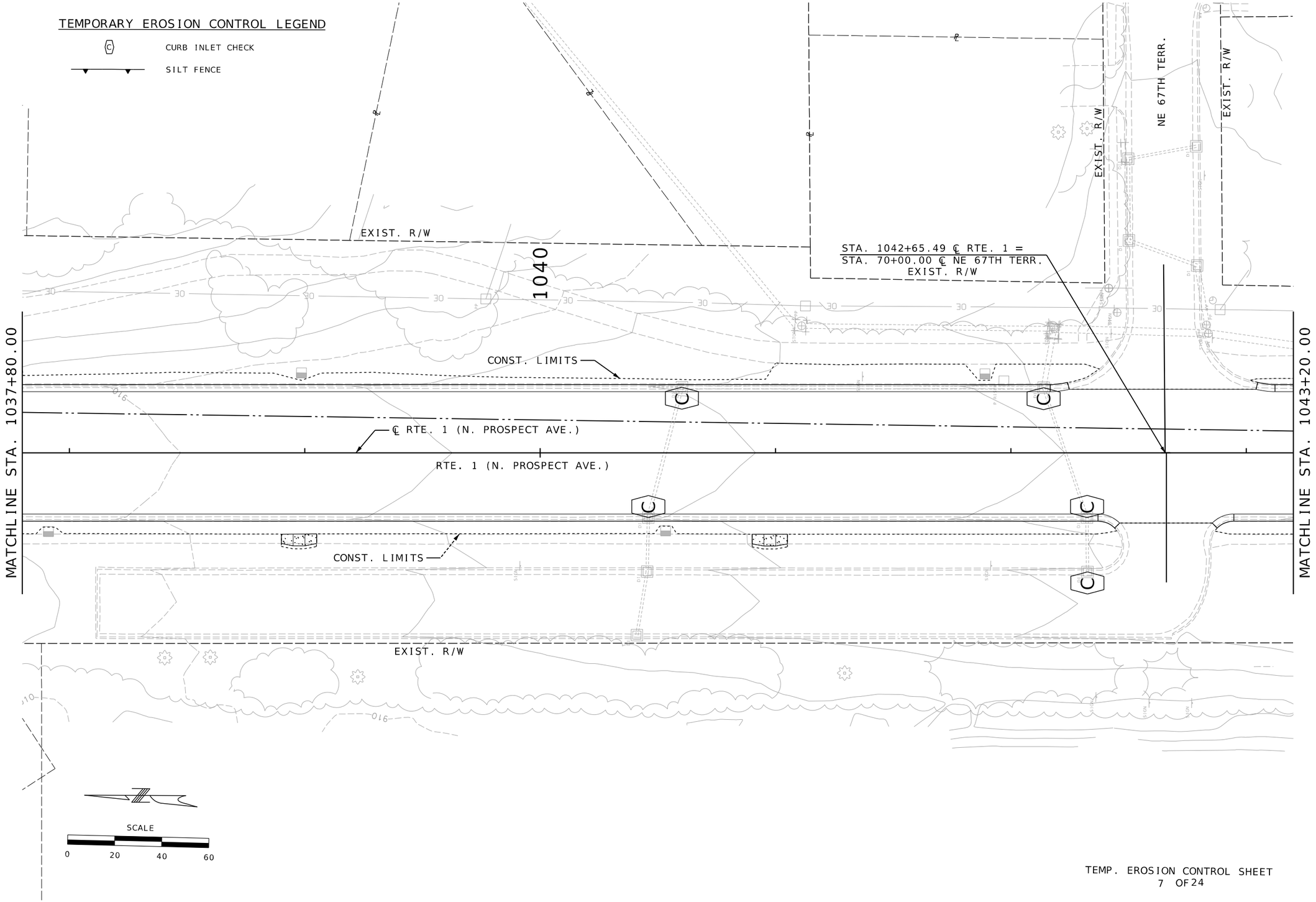
Hg CONSULT, INC.
9111 NE 79th Street Kansas City, MO 64158; (816)912-4720
PRO. ENGINEER 2010005873

REV.

173_EC_06_J4S3412_I20_Rte1.dgn 3:52:32 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE



TEMP. EROSION CONTROL SHEET
7 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	174

COUNTY
CLAY

JOB NO.
J4S3412

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

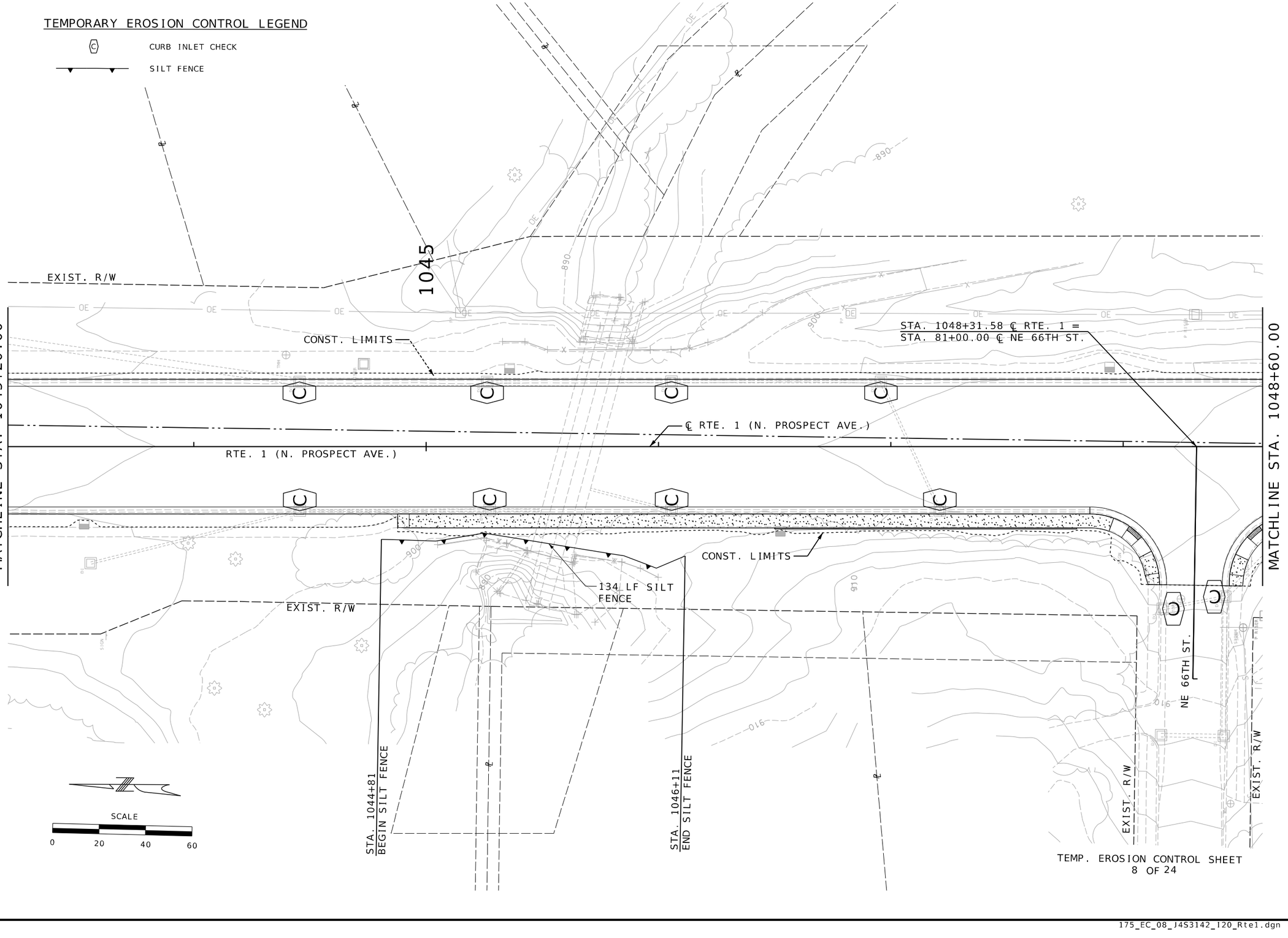
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REV.

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE



TEMP. EROSION CONTROL SHEET
8 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	175

COUNTY
CLAY

JOB NO.
J4S3412

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.

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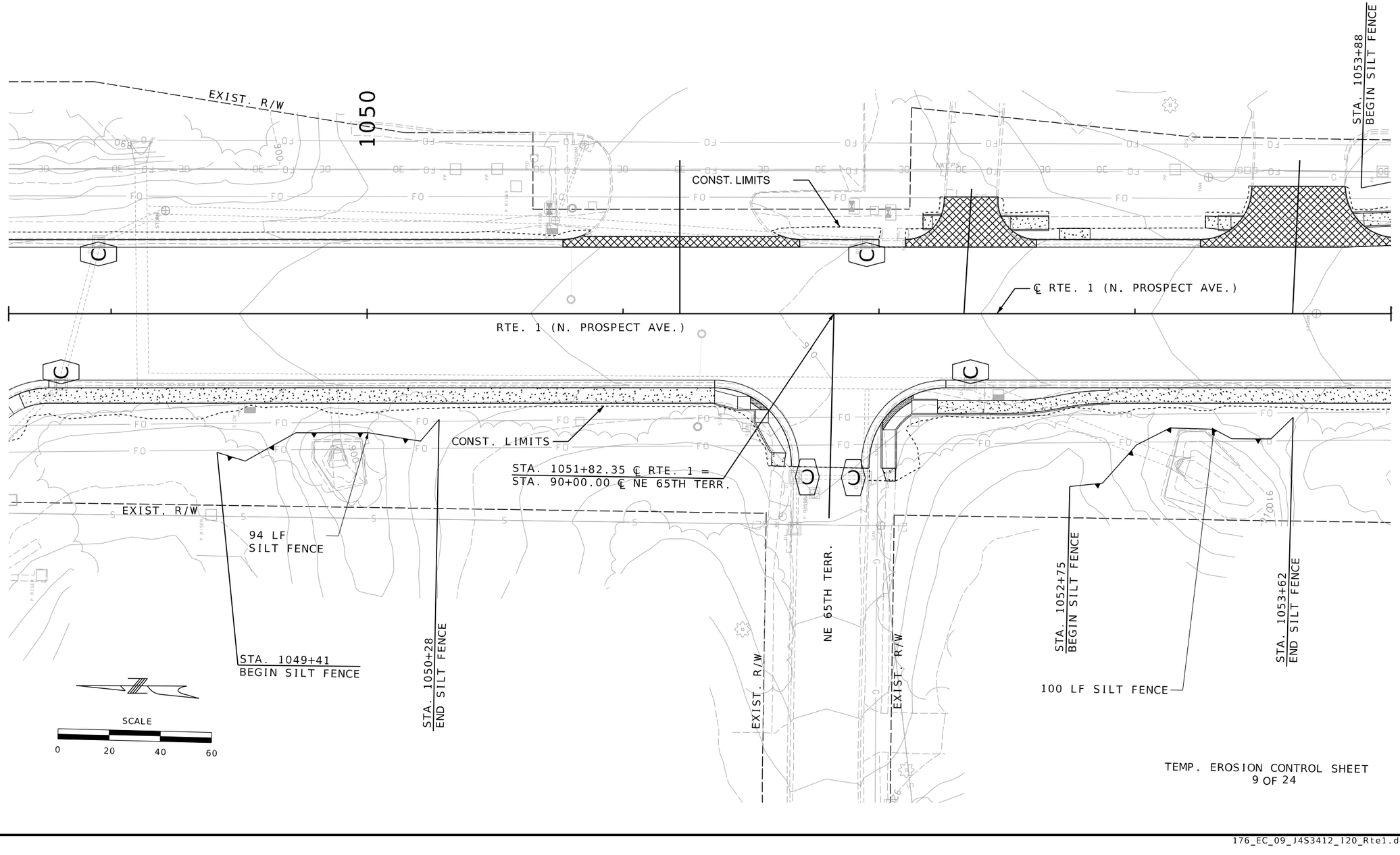
TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
9 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	176

COUNTY
CLAY

JOB NO.
J4S3412

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)

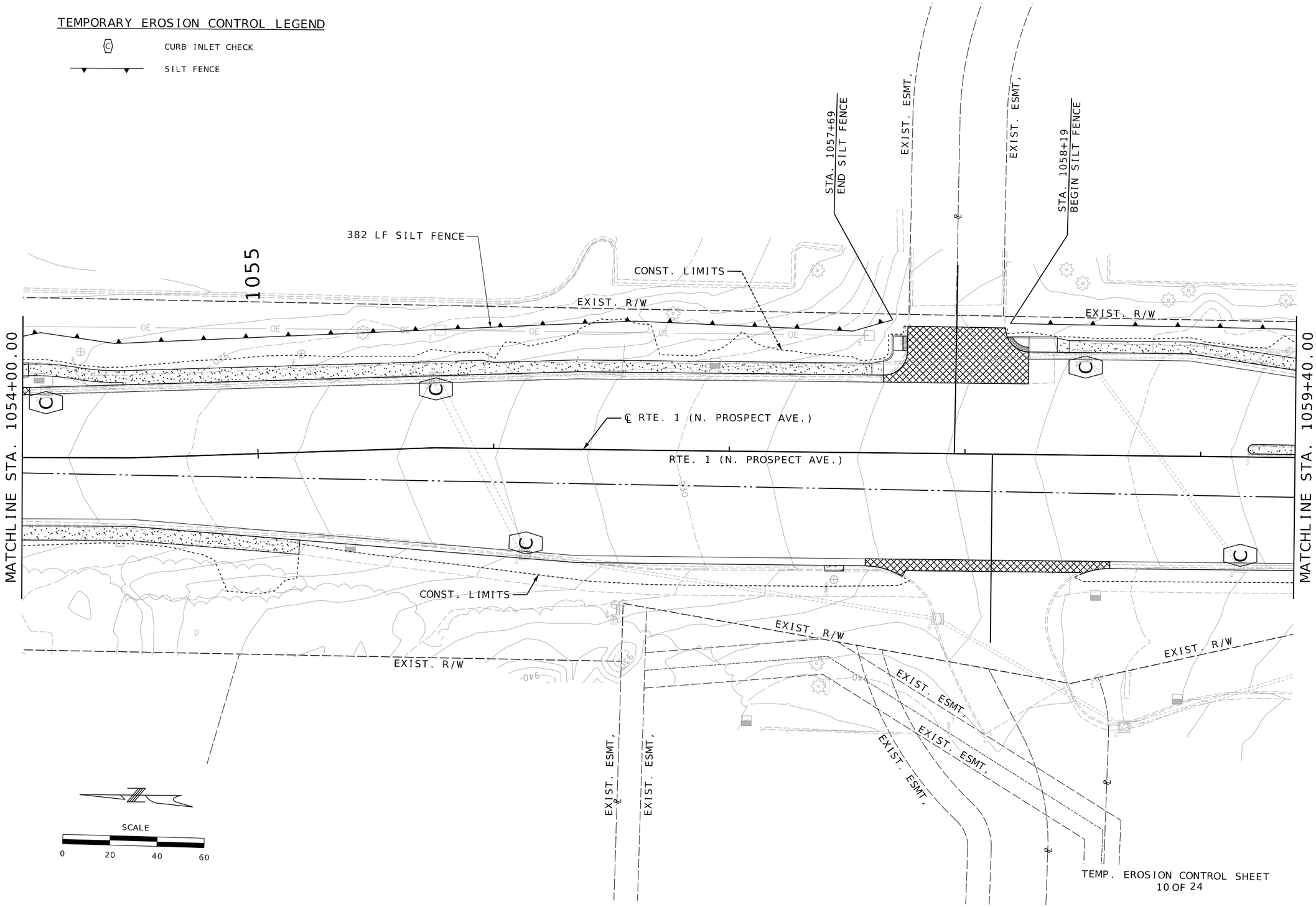
Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street, Kansas City, MO 64158; (816)912-4720

REV.

176_EC_09_J4S3412_I20_Rte1.dgn 3:53:09 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE



TEMP. EROSION CONTROL SHEET
10 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	177

COUNTY
CLAY

JOB NO.
J4S3412

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)

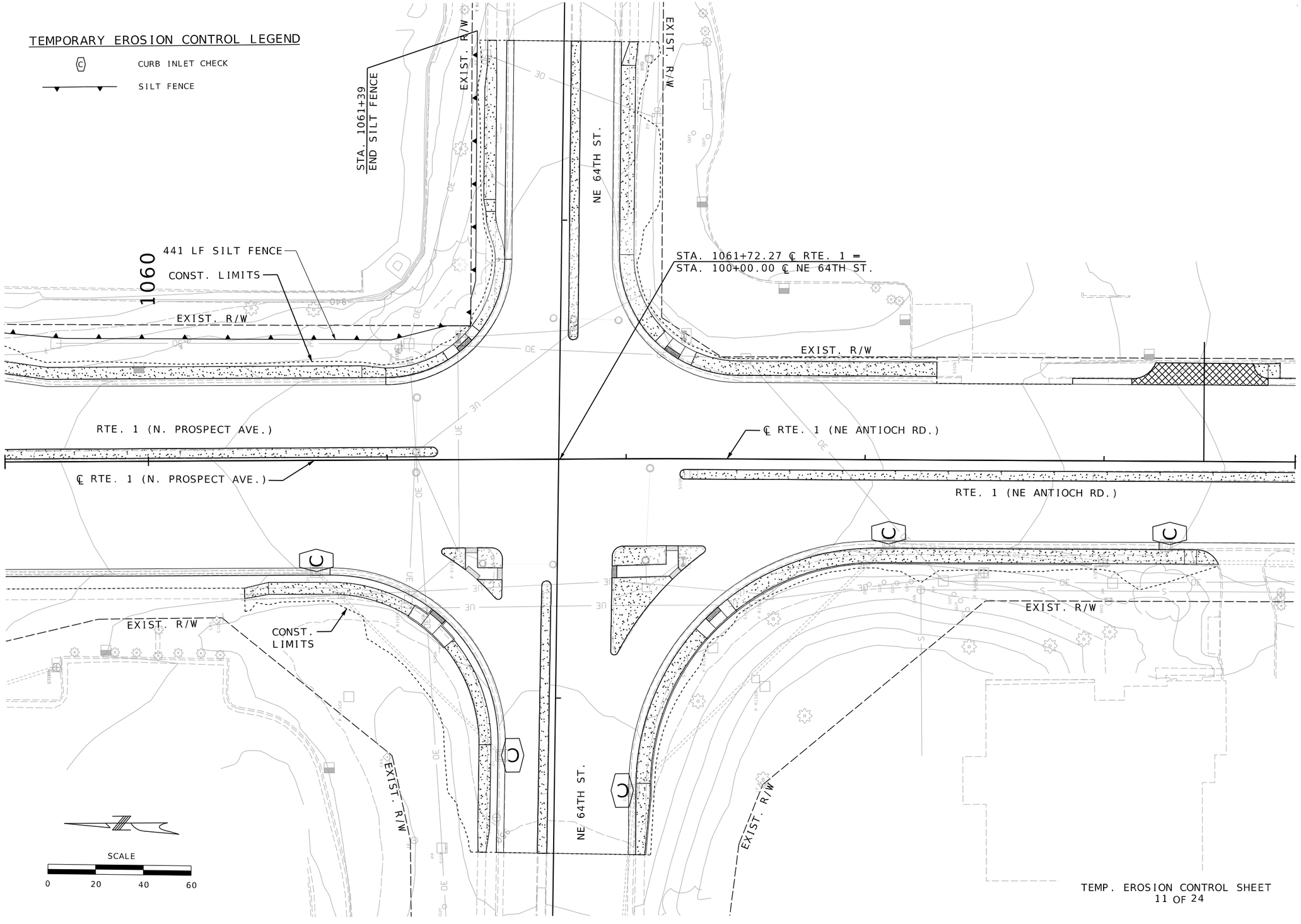
Hg CONSULT, INC.
PRO. ENGINEER 2010005873
911 NE 79th Street Kansas City, MO 64156 (816)913-4720

REV.

177_EC_10_J4S3142_I20_Rte1.dgn 1:27:14 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE



TEMP. EROSION CONTROL SHEET
11 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	178

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION	REV.
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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

178_EC_11_J4S3142_I20_Rte1.dgn 1:27:34 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

CURB INLET CHECK

SILT FENCE

EXIST. R/W

OLD ANTIOCH RD.

EXIST. R/W

STA. 1067+83
BEGIN SILT FENCE

70 LF SILT FENCE

STA. 1068+50
END SILT FENCE

STA. 1068+84
BEGIN SILT FENCE

22 LF SILT FENCE

STA. 1069+06
END SILT FENCE

EXIST. R/W

CONST. LIMITS

1065

1070

EXIST. R/W

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

MATCHLINE STA. 1064+80.00

MATCHLINE STA. 1070+00.00

CONST. LIMITS

EXIST. R/W

EXIST. R/W

EXIST. R/W

N WABASH AVE.

EXIST. R/W

STA. 1068+23.92 ℄ RTE. 1 =
STA. 111+00.00 ℄ N. WABASH AVE.

SCALE

0 20 40 60

TEMP. EROSION CONTROL SHEET
12 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	179

COUNTY
CLAY

JOB NO.
J4S3412

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

179_EC_12_J4S3412_I20_Rte1.dgn 3:53:47 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE

1075

MATCHLINE STA. 1070+00.00

CONST. LIMITS

EXIST. R/W

N. CHESTNUT AVE.

STA. 1073+22
BEGIN SILT FENCE

387 LF SILT FENCE

STA. 1072+96.43 ℄ RTE. 1 =
STA. 130+00.00 ℄ N. CHESTNUT AVE.

EXIST. R/W

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

MATCHLINE STA. 1075+40.00

EXIST. R/W

CONST. LIMITS

EXIST. R/W

NE 63RD PL.

EXIST. R/W

EXIST. R/W

STA. 1072+97.62 ℄ RTE. 1 =
STA. 120+70.00 ℄ NE 63RD PL.

1080

STA. 1077+08
END SILT FENCE

STA. 1077+56.10 ℄ RTE. 1 =
STA. 150+00.00 ℄ NE BROOKTREE LN.

EXIST. R/W

EXIST. R/W

NE BROOKTREE LN.

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

STA. 1077+99
BEGIN SILT FENCE

308 LF SILT FENCE

CONST. LIMITS

EXIST. R/W

MATCHLINE STA. 1075+40.00

MATCHLINE STA. 1080+80.00

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

EXIST. R/W

NE 61ST TERR.

EXIST. R/W

CONST. LIMITS

EXIST. R/W

STA. 1077+45.00 ℄ RTE. 1 =
STA. 140+80.00 ℄ NE 61ST TERR.

SCALE
0 20 40 60

TEMP. EROSION CONTROL SHEET
13 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	180

COUNTY: CLAY
JOB NO.: J4S3412
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)

Hg Consult, Inc engineers planners
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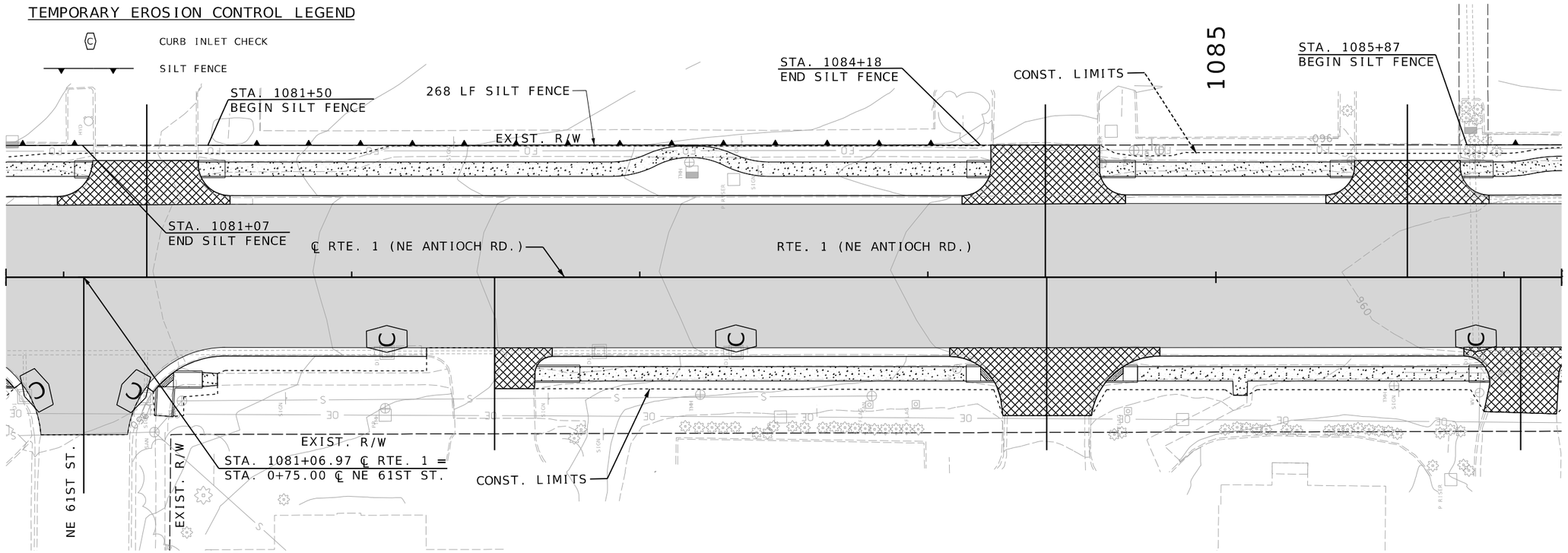
PRO. ENGINEER 2010005873

180_EC_13_J4S3412_I20_Rte1.dgn 3:54:26 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

Ⓒ CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
14 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	181

COUNTY
CLAY

JOB NO.
J4S3412

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)

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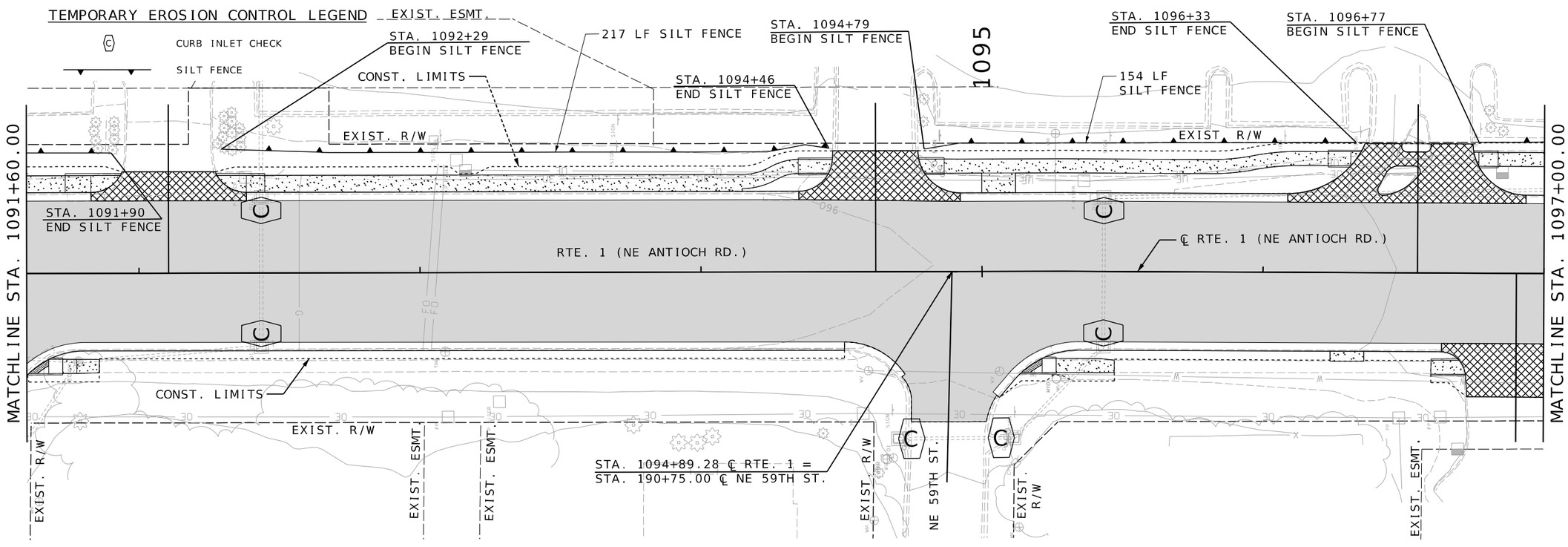
PRO. ENGINEER 2010005873
9111 NE 79th Street Kansas City, MO 64158 (816)912-4720

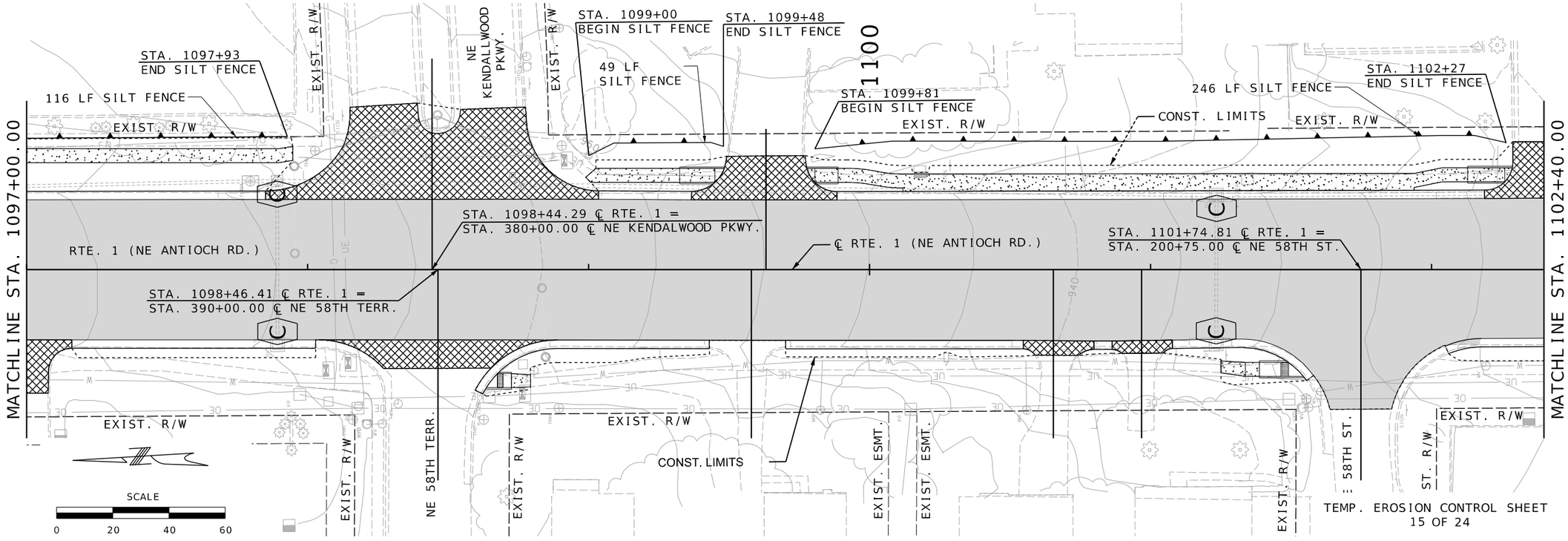
REV.

181_EC_14_J4S3412_I20_Rte1.dgn 3:55:03 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- Ⓒ CURB INLET CHECK
- SILT FENCE





TEMP. EROSION CONTROL SHEET
15 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	182

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

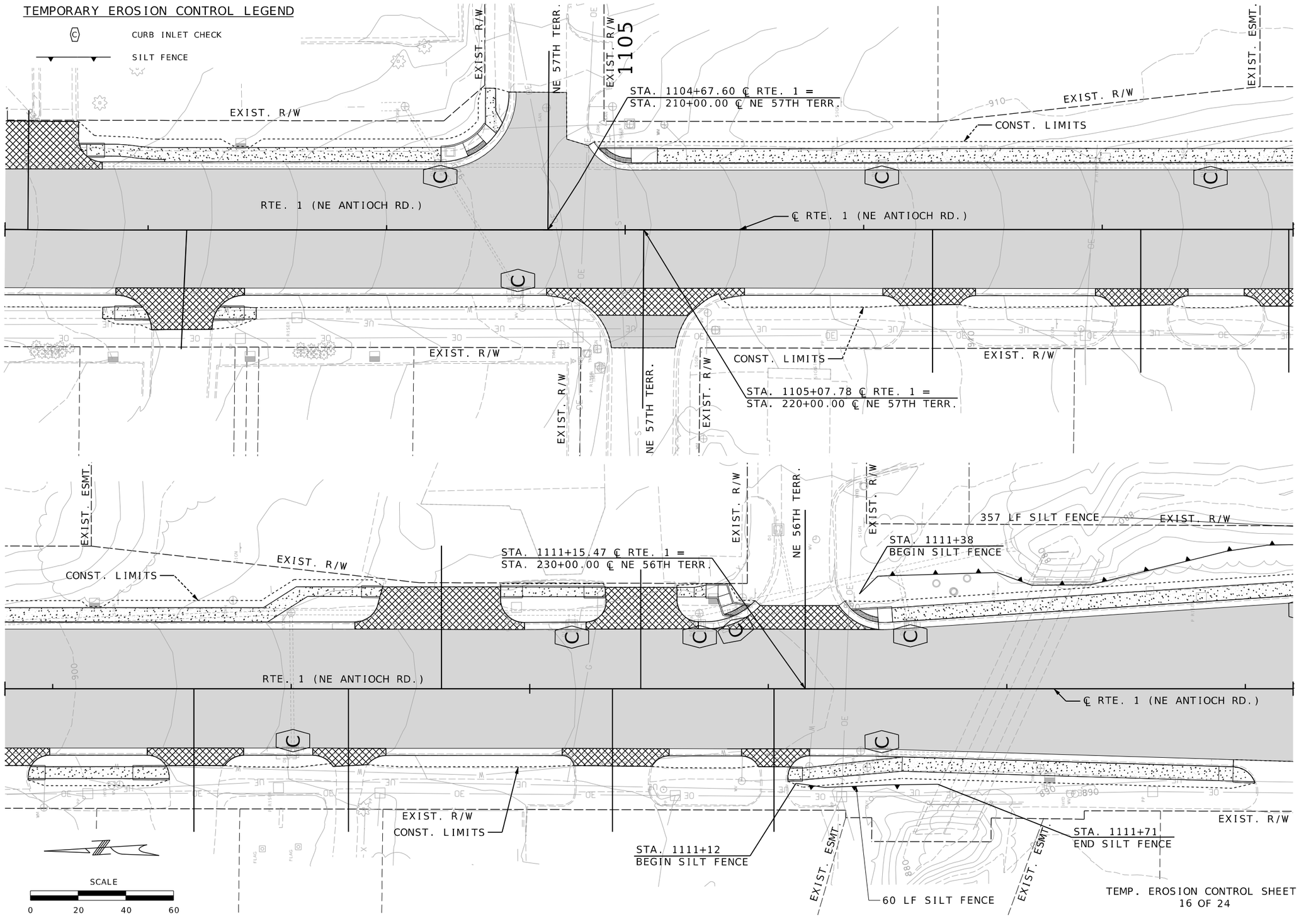
REV.

182_EC_15_J4S3142_I20_Rte1.dgn 1:30:19 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

Ⓒ CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
16 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	183

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION

DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Consult engineers inc planners
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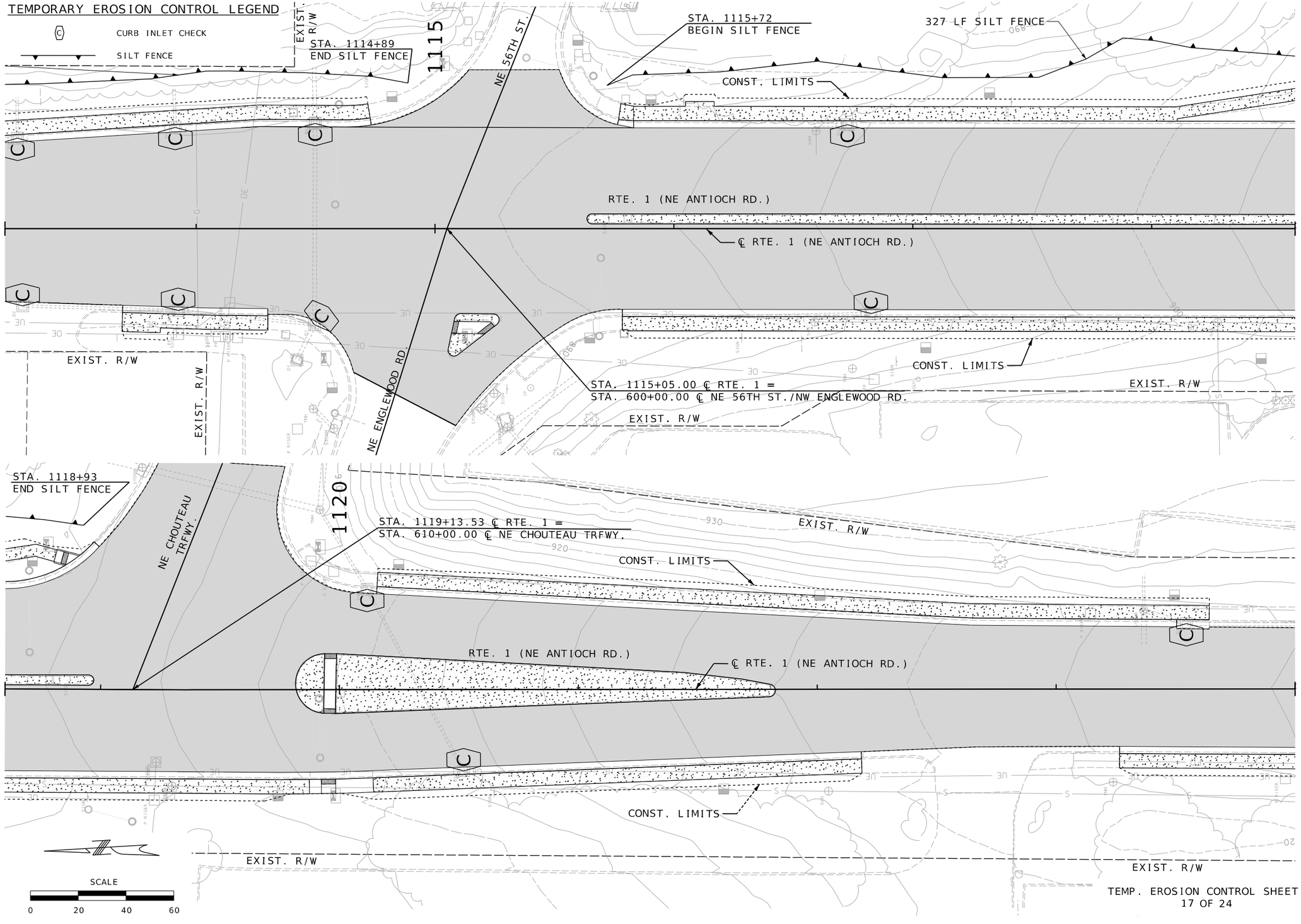
PRO. ENGINEER 2010005873

TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
17 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	184

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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184_EC_17_J4S3142_I20_Rte1.dgn 1:31:40 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

Ⓒ CURB INLET CHECK

SILT FENCE

1125

CONST. LIMITS

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

STA. 1125+02
BEGIN SILT FENCE

27 LF SILT FENCE

STA. 1125+27
END SILT FENCE

CONST. LIMITS

EXIST. R/W

EXIST. R/W

1130

101 LF SILT FENCE

STA. 1132+16
END SILT FENCE

STA. 1131+15
BEGIN SILT FENCE

CONST. LIMITS

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

CONST. LIMITS

STA. 1133+18.15 ℄ RTE. 1 =
STA. 235+00.00 ℄ NE 53RD ST.

EXIST. R/W

EXIST. R/W

NE 53RD ST.

EXIST. R/W

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

SCALE

0 20 40 60

TEMP. EROSION CONTROL SHEET
18 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	185

COUNTY
CLAY

JOB NO.
J4S3412

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

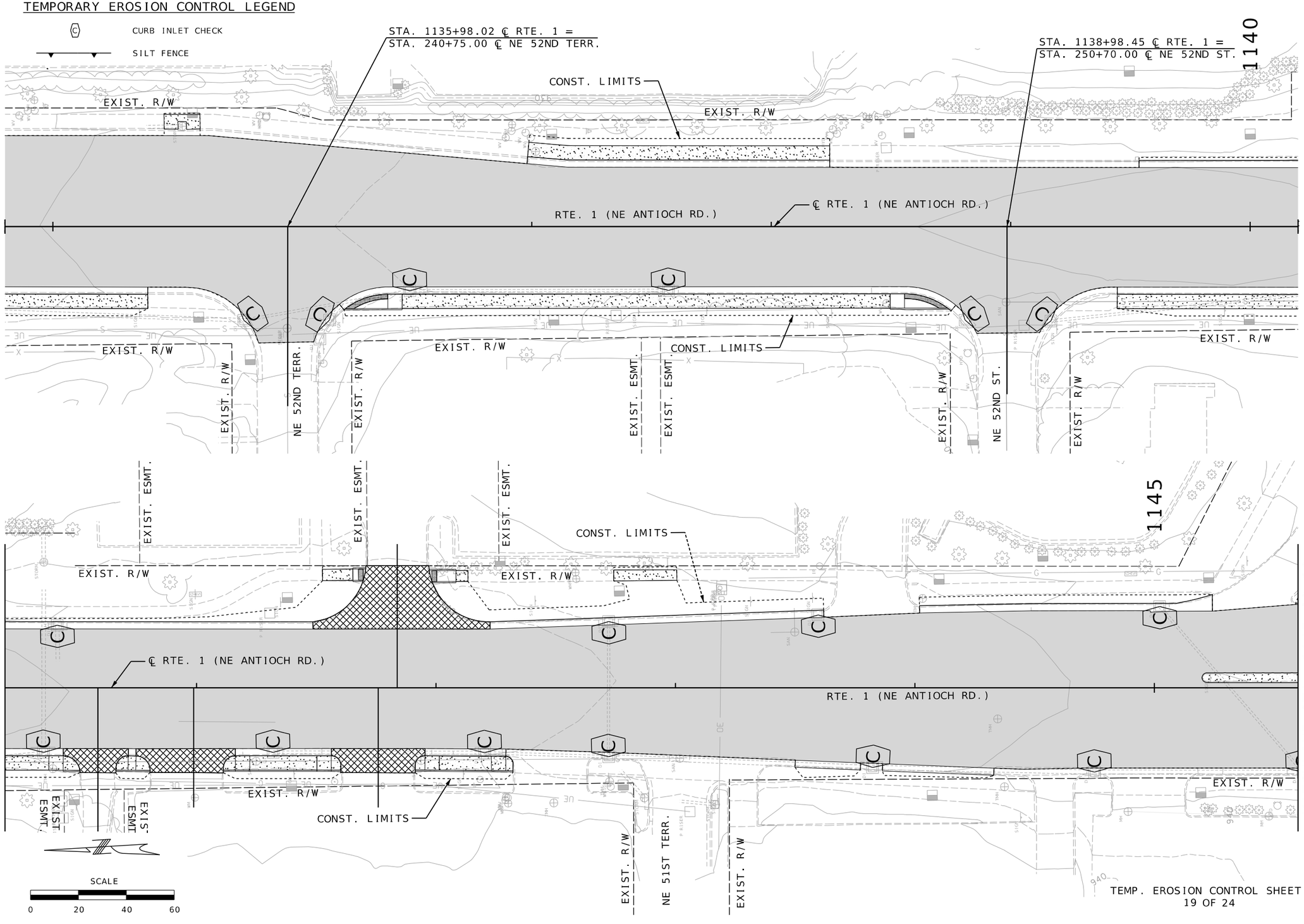
REV.

185_EC_18_J4S3142_I20_Rte1.dgn 1:32:20 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
19 OF 24

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	186

COUNTY
CLAY

JOB NO.
J4S3412

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

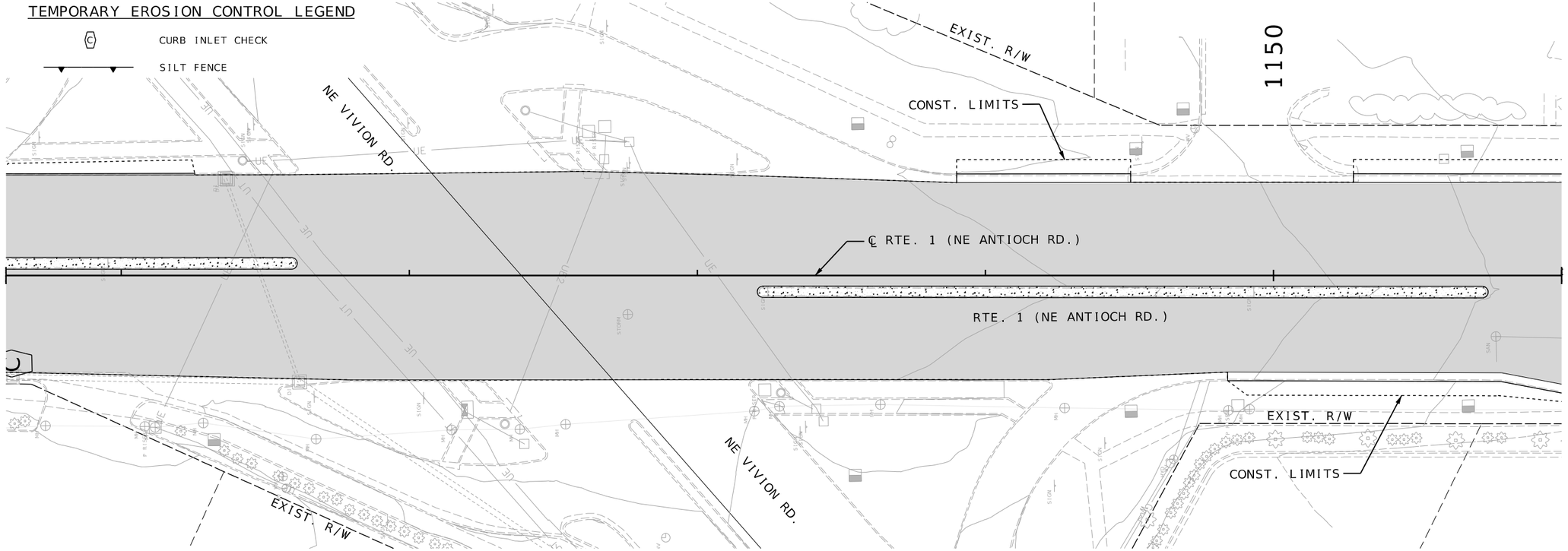
REV.

186_EC_19_J4S3142_I20_Rte1.dgn 1:33:01 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

Ⓒ CURB INLET CHECK

SILT FENCE



SCALE

0 20 40 60

TEMP. EROSION CONTROL SHEET
20 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	187

COUNTY
CLAY

JOB NO.
J4S3412

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
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Hg CONSULT, INC.
PRO. ENGINEER 2010005873

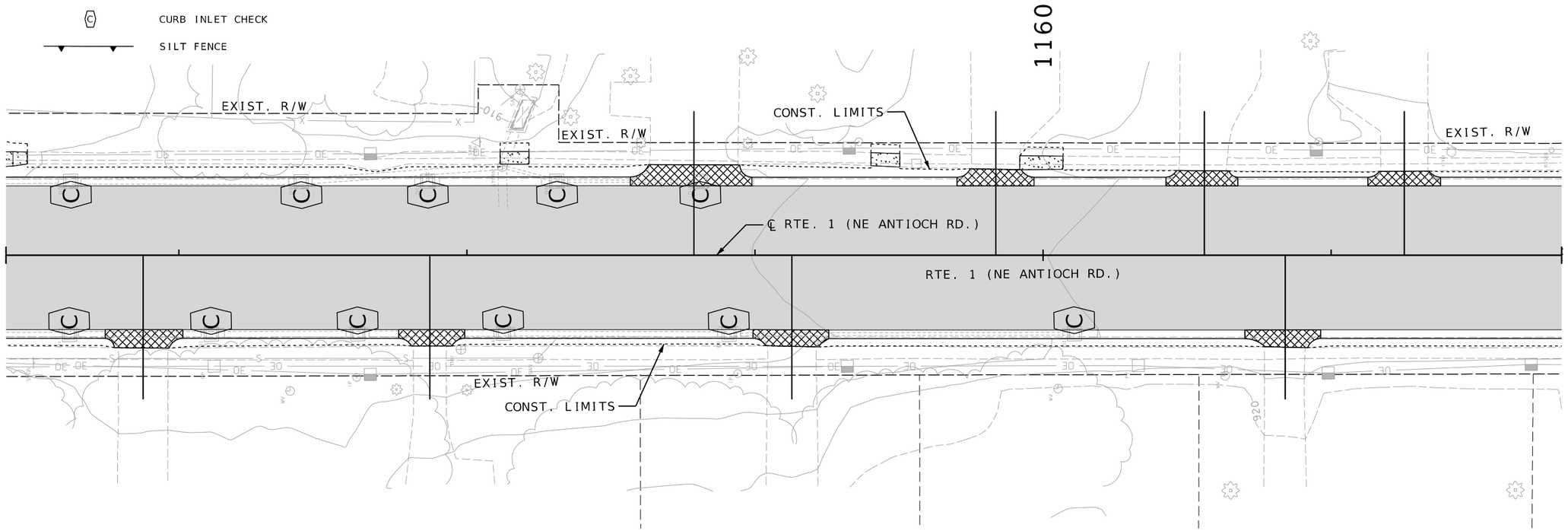
REV.

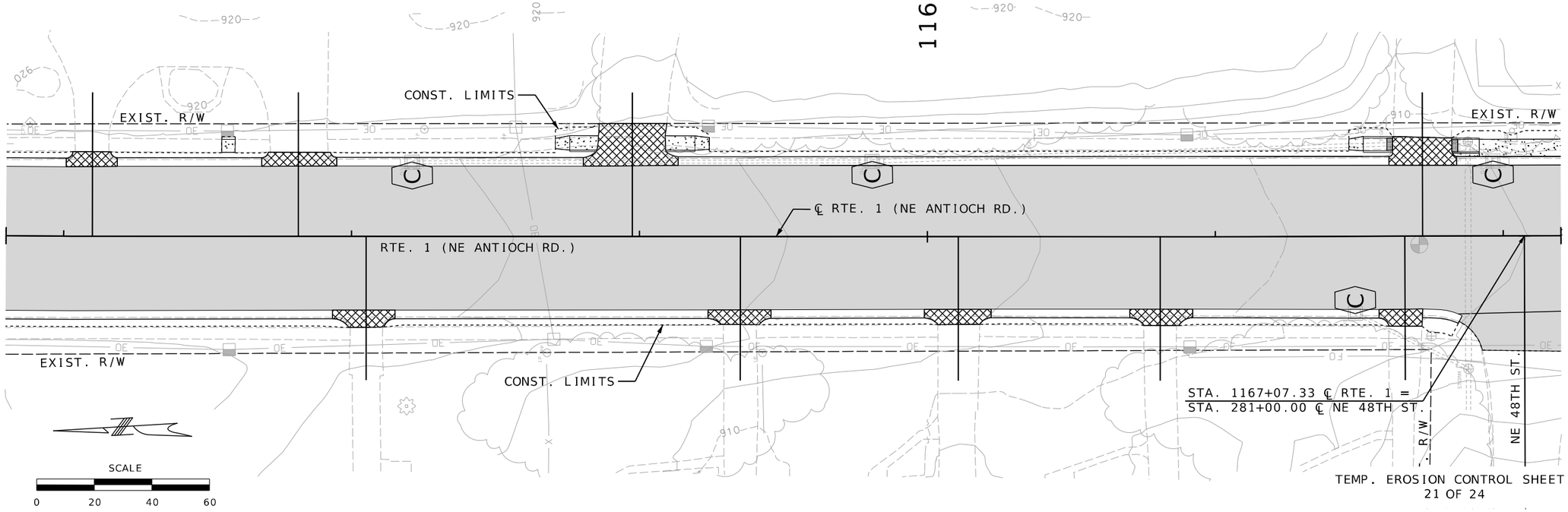
187_EC_20_J4S3142_I20_Rte1.dgn 1:33:42 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

Ⓒ CURB INLET CHECK

SILT FENCE





TEMP. EROSION CONTROL SHEET
21 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	188

COUNTY
CLAY

JOB NO.
J4S3412

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)

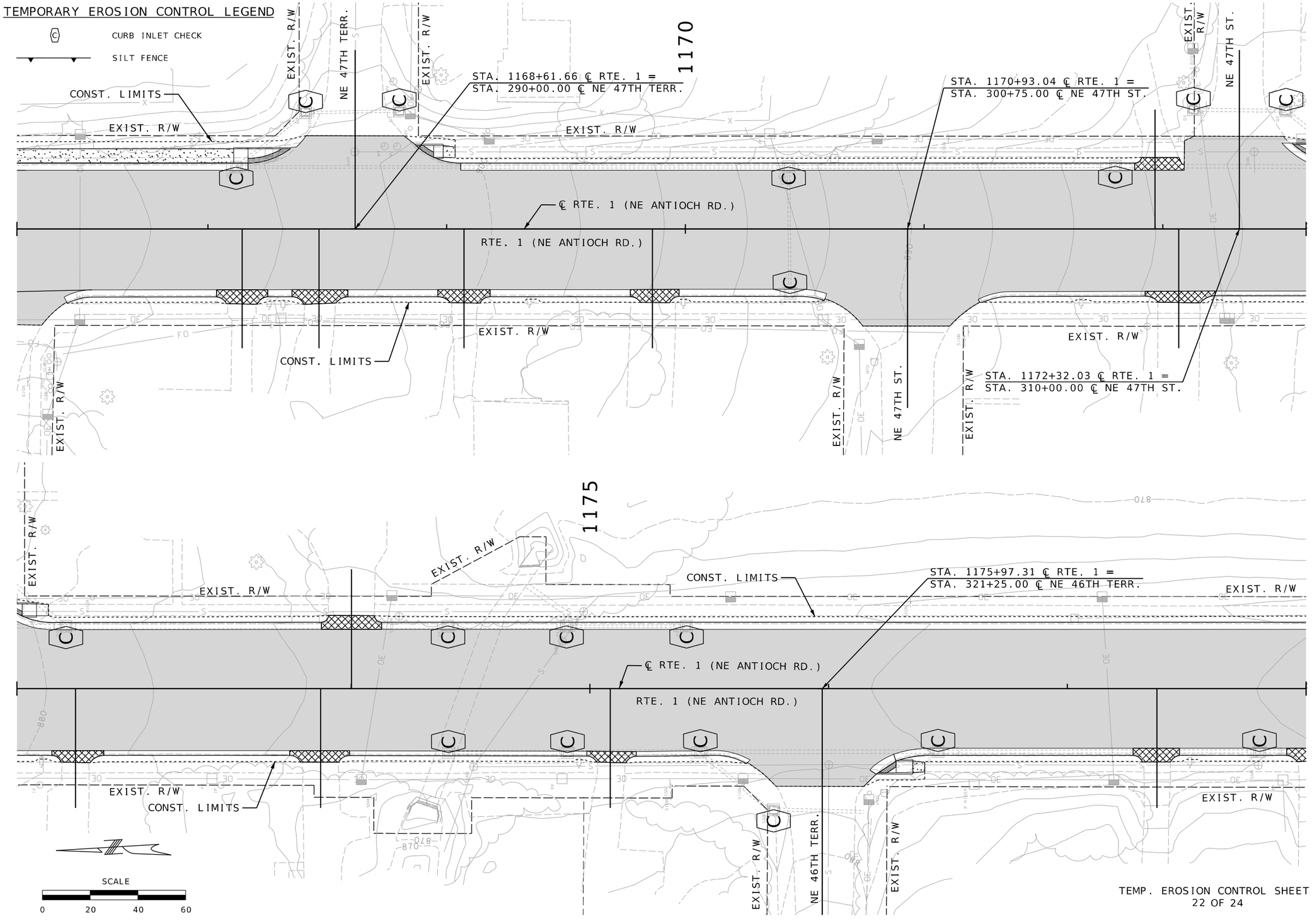
Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street Kansas City, MO 64158 (816)912-4720

REV.

188_EC_21_J4S3412_I20_Rte1.dgn 3:56:20 PM 3/28/2025

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE



TEMP. EROSION CONTROL SHEET
22 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

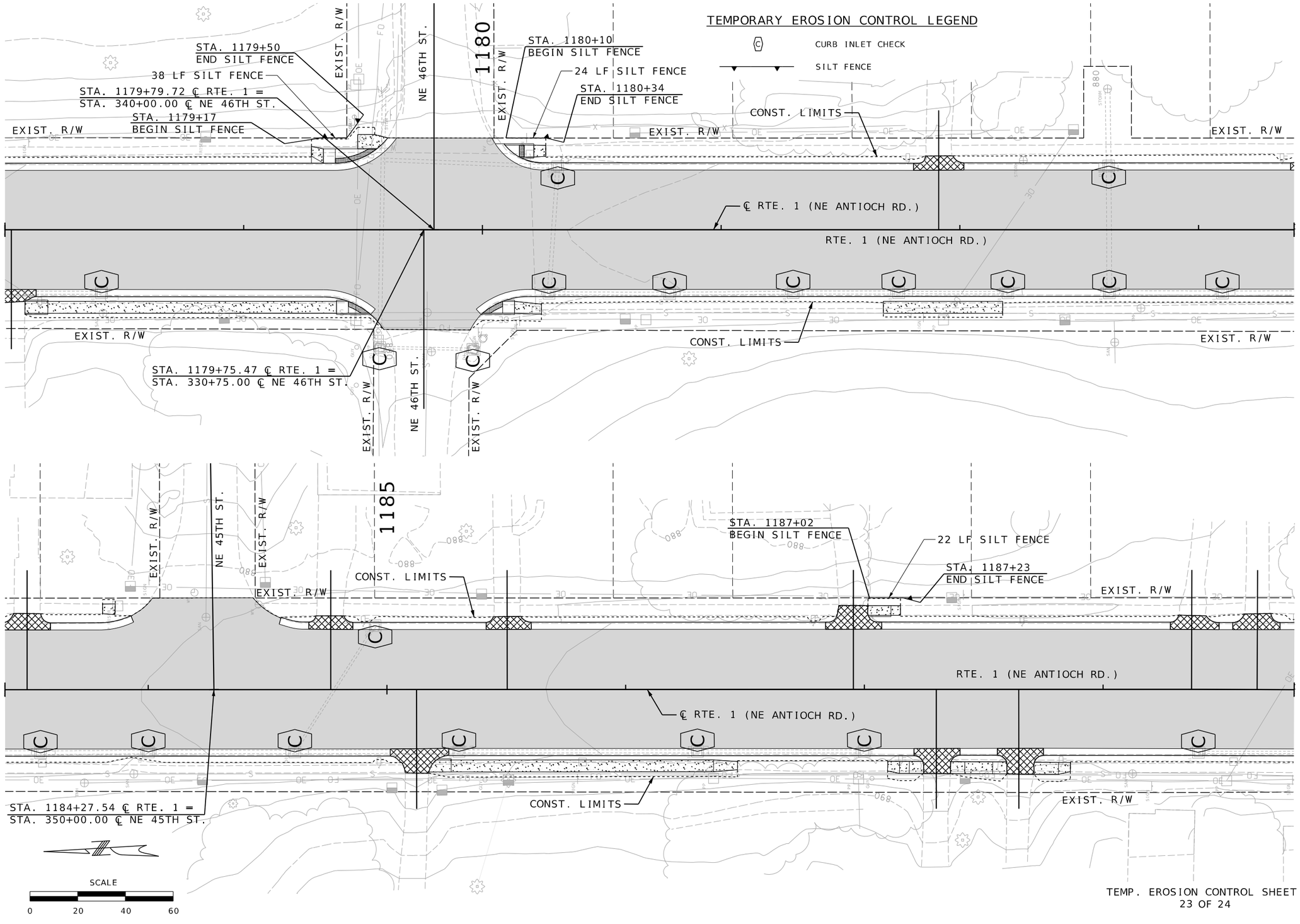
DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	189
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE | REV.

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

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

189_EC_22_J4S3142_I20_Rte1.dgn 1:35:01 PM 3/3/2025



TEMP. EROSION CONTROL SHEET
23 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	190

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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REV.

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

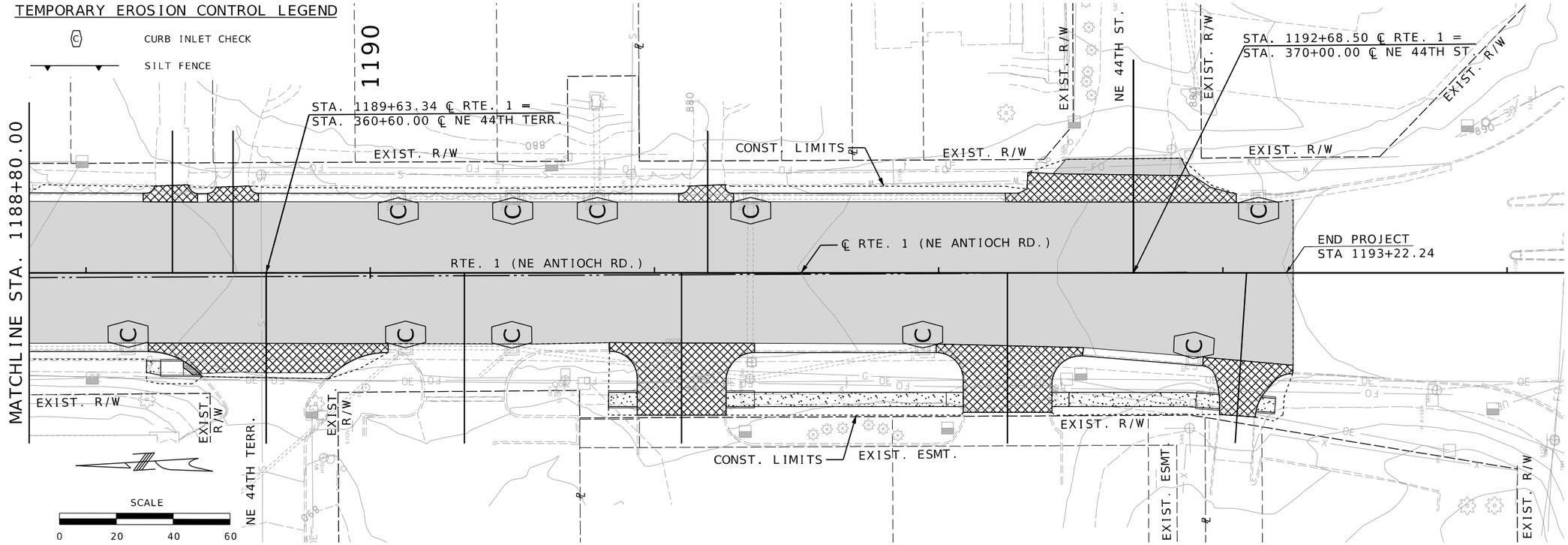
Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street Kansas City, MO 64158 (816)912-4720

190_EC_23_J4S3142_I20_Rte1.dgn 1:35:41 PM 3/3/2025

TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

SILT FENCE



TEMP. EROSION CONTROL SHEET
24 OF 24

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	191

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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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

191_EC_24_J4S3142_I20_Rte1.dgn 1:36:21 PM 3/3/2025

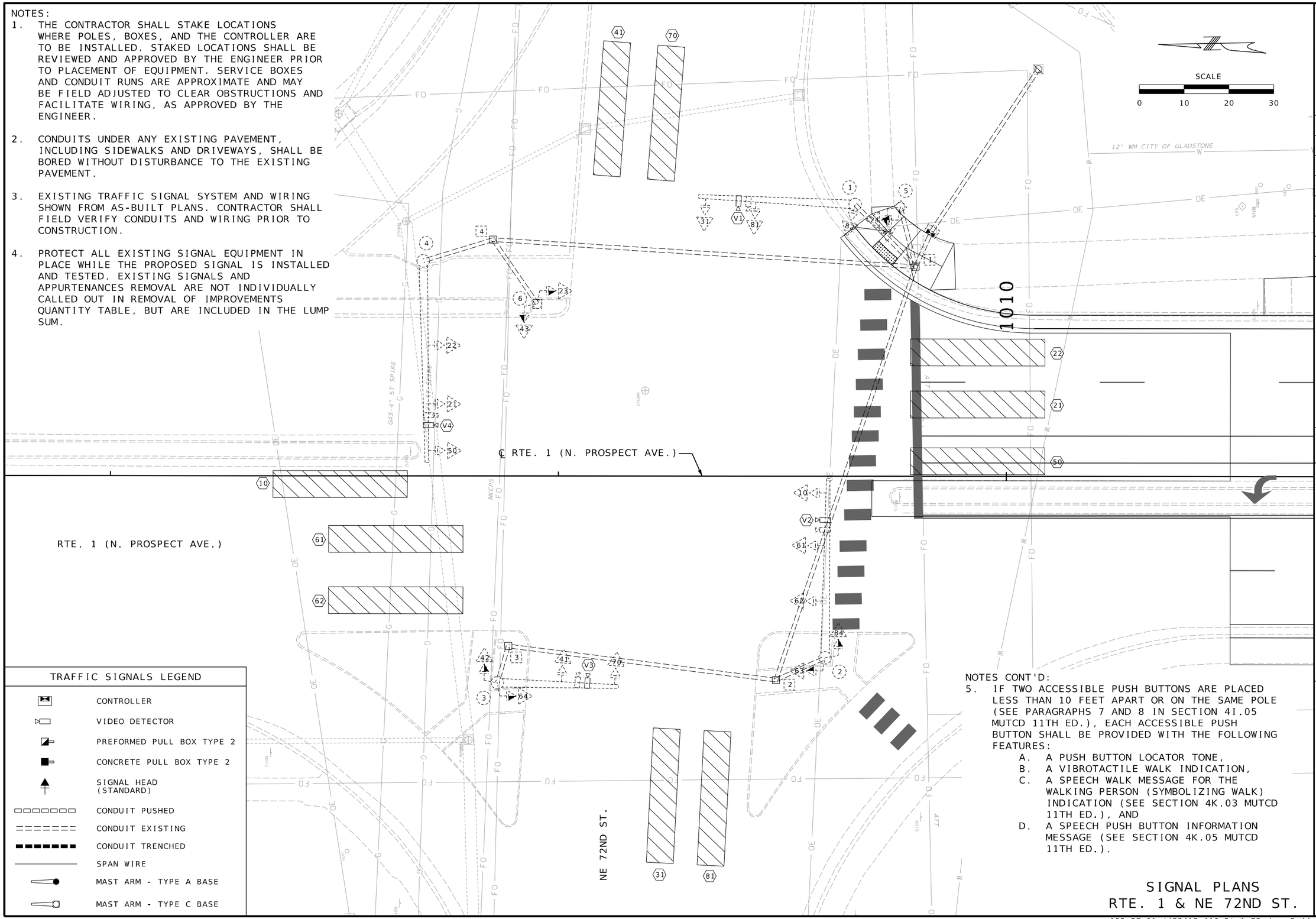
NOTES:

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
- SIGNAL HEAD (STANDARD)
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE

SIGNAL PLANS
RTE. 1 & NE 72ND ST.

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

DATE PREPARED	3/28/2025
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	192
COUNTY	CLAY
JOB NO.	J4S3412
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: 10-01-2015

(1) NO DIRECT PAY FOR REQUIRED VIDEO DIRECTOR 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"		
SUBTOTALS																	
TOTALS																	

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)	CCTV CABLE	SINGLE-MODE	MULTI-MODE	
	1	29'										(94')				VIDEO V-1
	2	119'										(195')				VIDEO V-2
	3	175'										(246')				VIDEO V-3
	4	120'										(202')				VIDEO V-4
SUBTOTALS																
TOTALS																

INTERSECTION ROUTE 1 & NE 72ND STREET

D-37B

193_SG_02_J4S3142_I60_Rte1_72.dgn 11:31:47 AM 3/3/2025

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	193

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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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					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
			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 TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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																						

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** 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 COMPLY 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.

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)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
50,21 & 22	NB ROUTE 1					V4
10,61 & 62	SB ROUTE 1					V2
31 & 81	EB NE 72ND STREET					V1
70 & 41	WB NE 72ND STREET					V3
TOTAL						

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			
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

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							

ROUTE 1 & NE 72ND STREET

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	194

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

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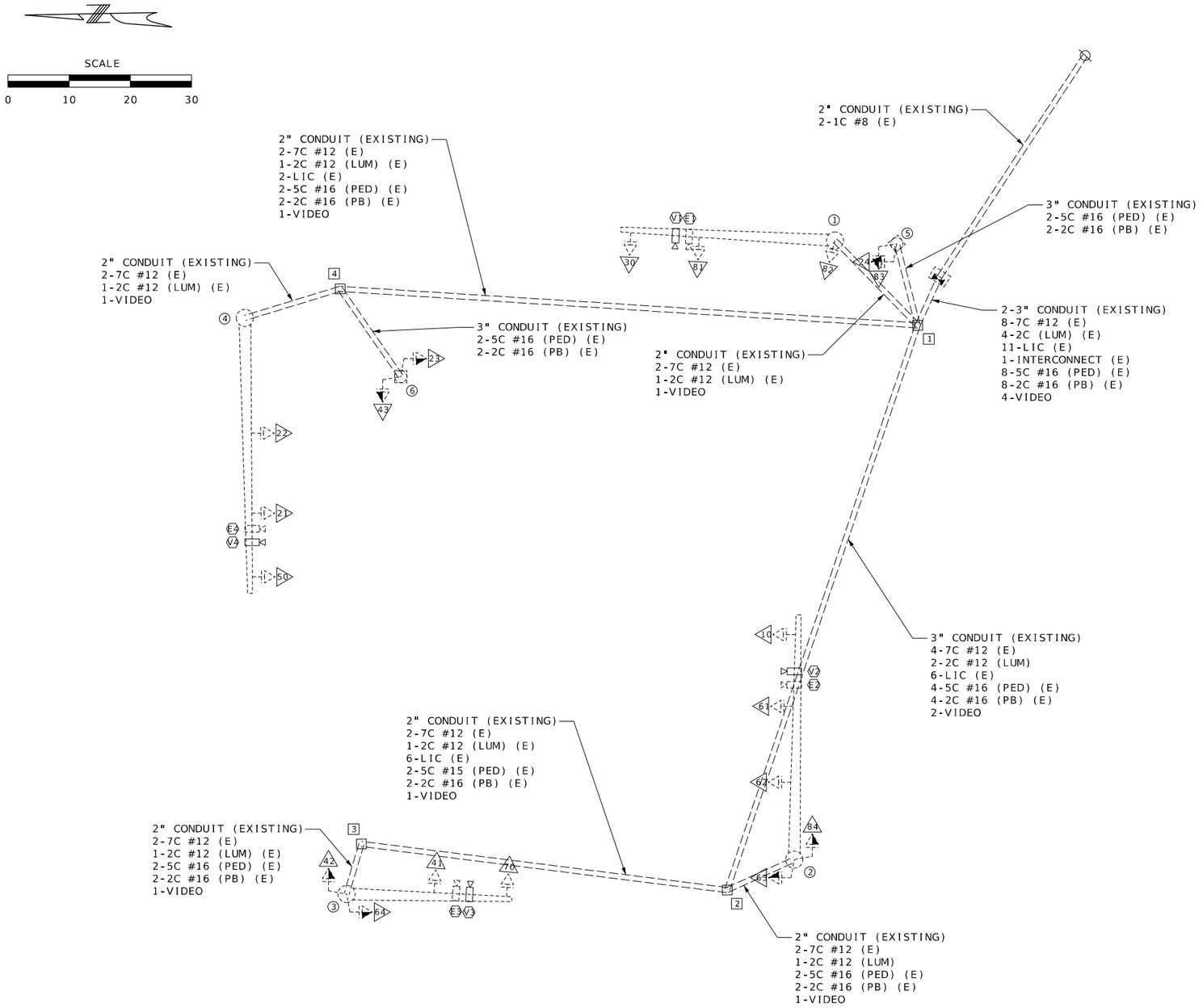
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



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 J4P2266.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE 72ND ST.

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	195

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

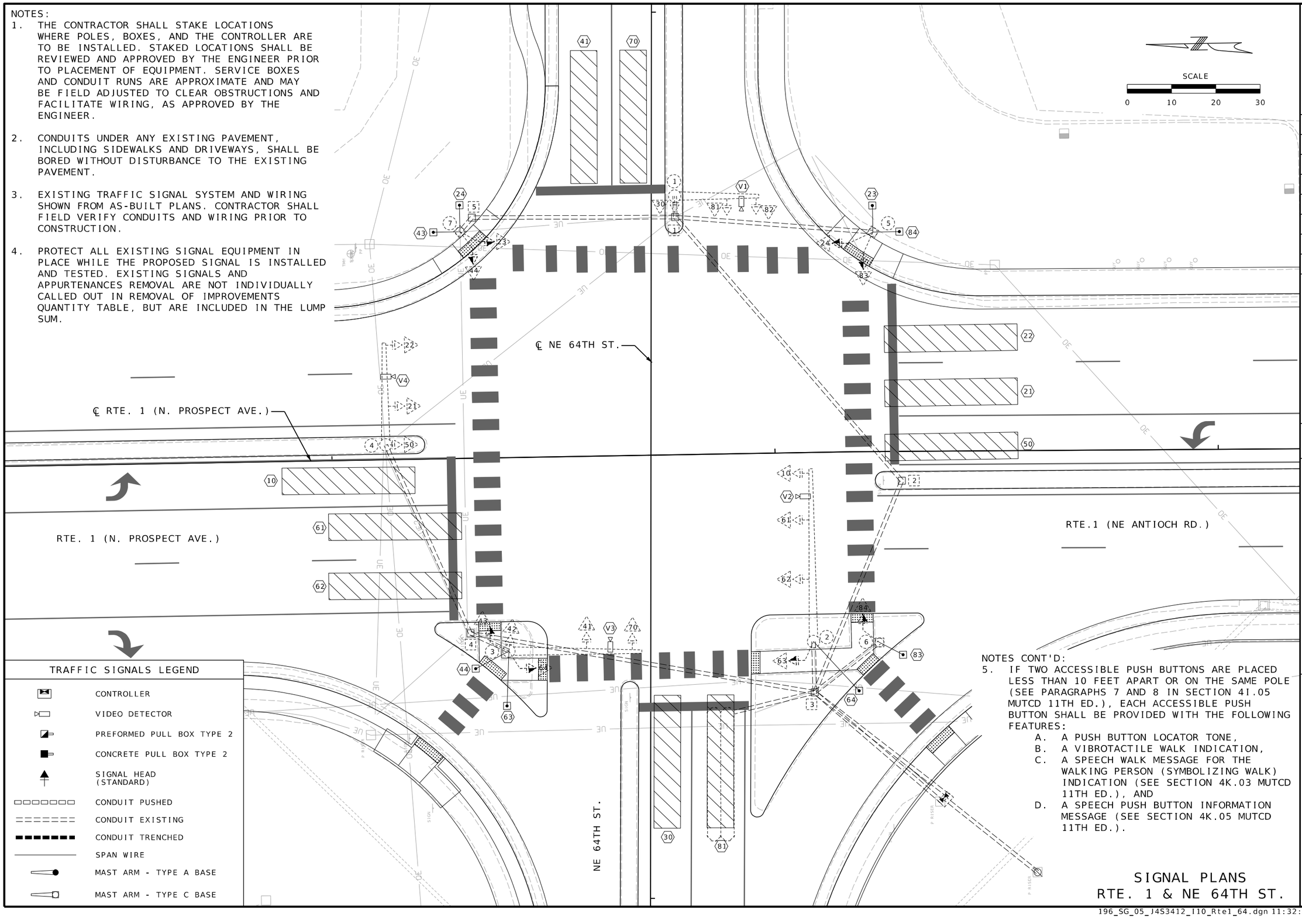
NOTES:

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
- 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 & NE 64TH ST.

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2010018621
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	196
COUNTY	CLAY
JOB NO.	J4S3412
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: 10-01-2015

(1) NO DIRECT PAY FOR REQUIRED VIDEO DIRECTOR 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"		
SUBTOTALS																	
TOTALS																	

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	173'										(266')				VIDEO V-1
	2	49'										(148')				VIDEO V-2
	3	126'										(221')				VIDEO V-3
	4	163'										(266')				VIDEO V-4
SUBTOTALS																
TOTALS																

INTERSECTION ROUTE 1 & NE 64TH ST

D-37B

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	197

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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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 TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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	.	.	.	.	.	.																
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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			
4	R10-3EL	9 X 15	0.9	3.6**	4**
4	R10-3ER	9 X 15	0.9	3.6**	4**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2**	8**
			TOTAL	0	0

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
50, 21, 22	NB ROUTE 1	.	.	.	.	VIDEO V-4
23	ROUTE 1	1				
24	ROUTE 1	1				
10, 61, 62	SB ROUTE 1					VIDEO V-2
63	ROUTE 1	1				
64	ROUTE 1	1				
30, 81	EB NE 64TH ST					VIDEO V-1
83	NE 64TH ST	1				
84	NE 64TH ST	1				
70, 41	WB NE 64TH ST					VIDEO V-3
43	NE 64TH ST	1				
44	NE 64TH ST	1				
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TOTAL		8				

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 COMPLY 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							X
FR6							

ROUTE 1 & NE 64TH STREET

INTERSECTION

D-37C

198_SG_07_J4S3142_I60_Rte1_64.dgn 11:33:10 AM 3/3/2025

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	198

COUNTY: CLAY

JOB NO.: J4S3412

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

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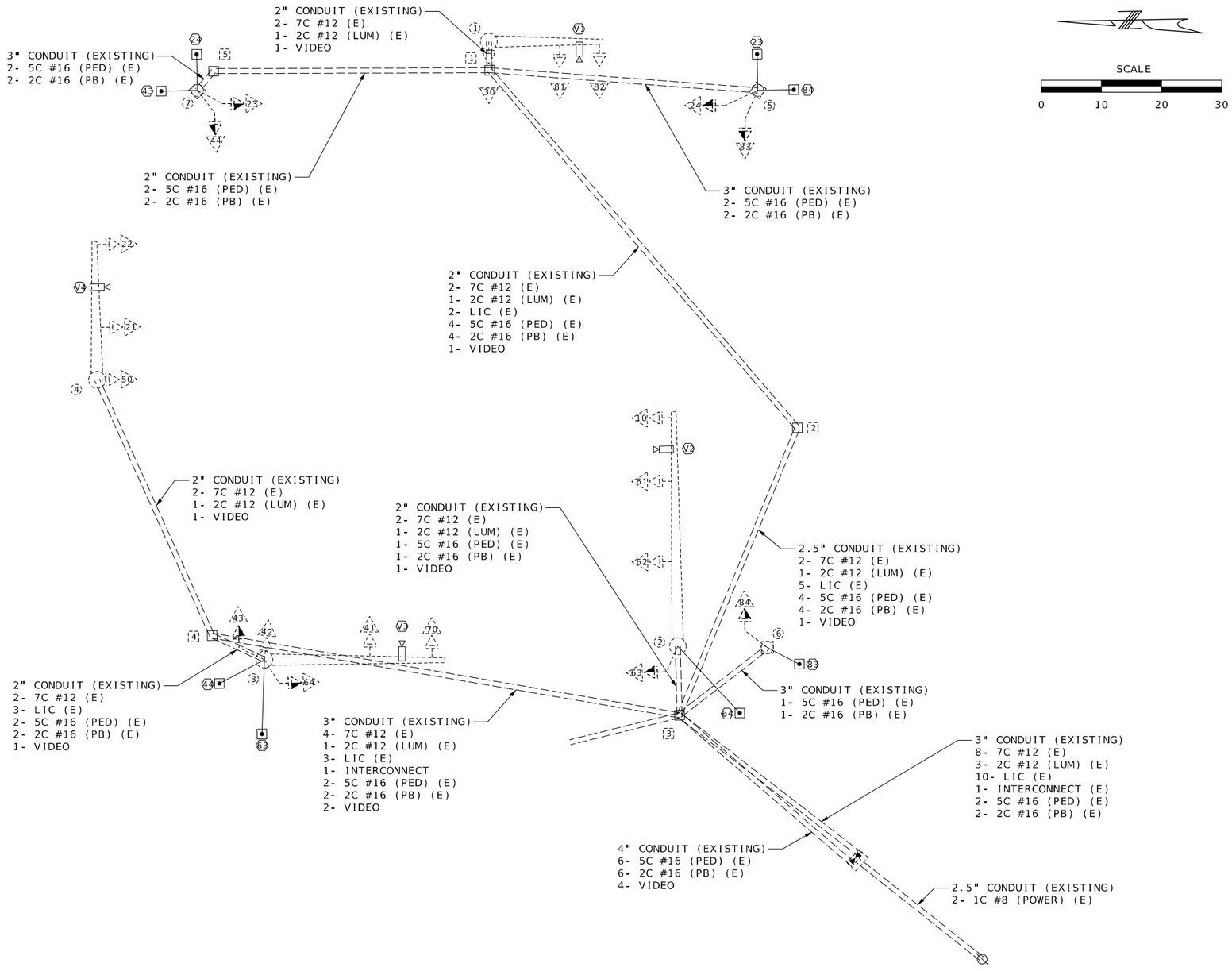
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



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 J4P2266.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE 64TH ST.

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
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	199

COUNTY
CLAY

JOB NO.
J4S3412

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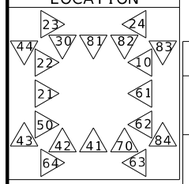
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

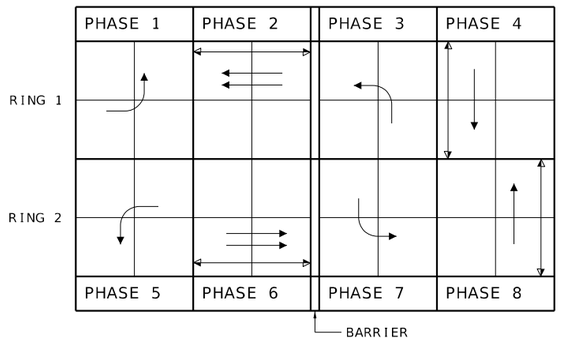
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	PED Ø8
FACE NUMBERS	10	21 22	30	41 42	50	61 62	70	81 82	23 24	43 44	63 64	83 84
SIGNAL INDICATIONS R	R	R R	R	R R	R	R R	R	R R	W W	W W	W W	W W
SIGNAL INDICATIONS Y	Y	Y Y	Y	Y Y	Y	Y Y	Y	Y Y	DW DW	DW DW	DW DW	DW DW
SIGNAL INDICATIONS FYA												
SIGNAL INDICATIONS G	L	G G	L	G G	L	G G	L	G G				
DETECTOR ASSIGNMENTS	10	21 22	30	41	50	61 62	70	81				
DETECTOR ASSIGNMENTS (PEDS. ONLY)									24 23	44 43	64 63	84 83
OVERLAP PARENT PHASES												

FACE NUMBERS
SIGNAL INDICATIONS R
SIGNAL INDICATIONS Y
SIGNAL INDICATIONS FYA
SIGNAL INDICATIONS G
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

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	
64TH ST	FR
ROUTE 1	FY

CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 1 WITH 64TH ST

D-38A

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	200

COUNTY: CLAY

JOB NO.: J4S3412

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

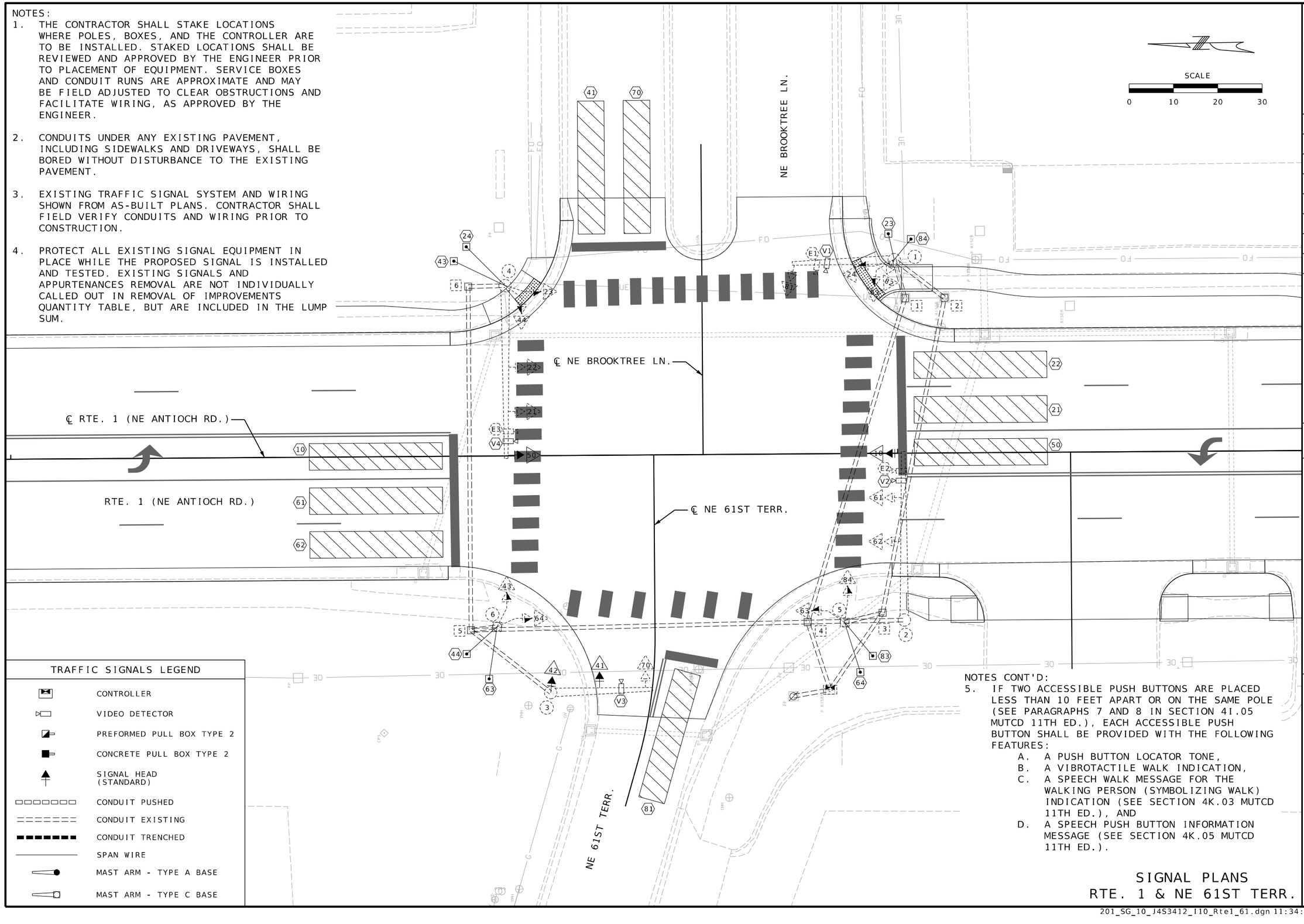
NOTES:

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
- 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 & NE 61ST TERR.

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

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	201
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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WILSON & COMPANY
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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	BASE: F 9	F 9.5	F 10	F 10.5	F 11	F 12	BASE: C	CONCRETE** (CU. YDS.)
.	.	CONTROLLER	(AS REQ'D)															

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
.	.	.	.	.	.	.	.	.	.	.

POST: TOP MOUNT POST 8 FT.	15 FT.	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	K	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.
.	.	.	.	.	.

SUBTOTAL	.
TOTAL	.

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F
.	(2)	10		1	.	1	.	1	.	.	.	1	.											4							
.	(3)	41		1	1	.	1	.	.	1	.	.	1											5							
.	(3)	42		1	1	.	1	.	.	1	.	.	1											5							
.	(4)	50		1	.	1	.	1	.	.	.	1	.											4							

BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B
.	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.
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TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- T	S	B	35- T	S	B	44- T	S	B	45- T	S	B
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

| | | | | | | | | | | | | | | |

EFFECTIVE: 10-01-2015

(1) NO DIRECT PAY FOR REQUIRED VIDEO DIRECTOR 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"		
SUBTOTALS																	
TOTALS																	

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	108'			164'											PUSH BUTTON 84
	1	108'										(195')				VIDEO V-1
	2	38'										(135')				VIDEO V-2
	3	115'					194'									SIGNAL HEAD 41
	3	115'										(203')				VIDEO V-3
	4	178'										(291')				VIDEO V-4
	5	30'			80'											PUSH BUTTON 63
SUBTOTALS					244'		194'									
TOTALS					244'		194'									

INTERSECTION ROUTE 1 & NE 61ST TERRACE/NE BROOKTREE LANE

D-37B

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

DATE PREPARED 3/3/2025

ROUTE 1 | STATE MO

DISTRICT KC | SHEET NO. 203

COUNTY CLAY

JOB NO. J4S3412

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

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					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
.	.	.	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 TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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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			
4	R10-3ER	9 X 15	0.9	3.6**	4**
4	R10-3EL	9 X 15	0.9	3.6**	4**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2**	8**
			TOTAL	0	0

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
50, 21, 22	APPROACH	.	.	.	.	V4
23	NB ROUTE 1	1				
24	NB ROUTE 1	1				
10, 61, 62	APPROACH					V2
63	SB ROUTE 1	1				
64	SB ROUTE 1	1				
81	APPROACH					V1
83	EB NE 61ST TERR	1				
84	EB NE 61ST TERR	1				
70, 41, 42	APPROACH					V3
43	WB NE BROOKTREE LN	1				
44	WB NE BROOKTREE LN	1				
.						
.						
.						
.						
.						
.						
.						
.						
.						
.						
.						
.						
TOTAL		8				

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 COMPLY 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							X
FR6							

ROUTE 1 & NE 61ST TERRACE/NE BROOKTREE LANE

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	204

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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EFFECTIVE: 12-01-2017

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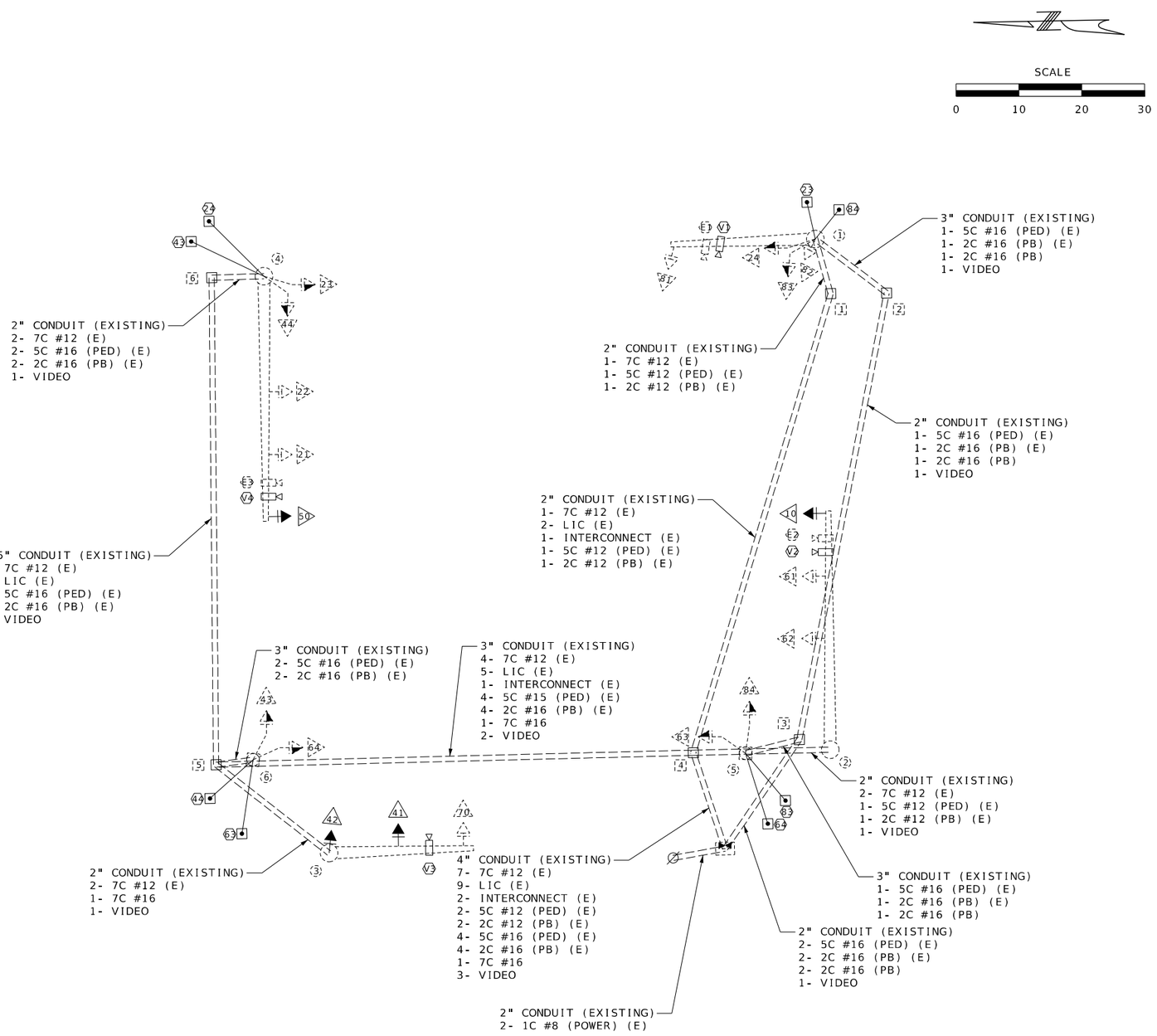

LEGEND

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.
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CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE 61ST TERRACE

INTERSECTION

D-37D

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	205

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
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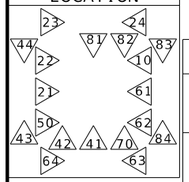
.	.

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

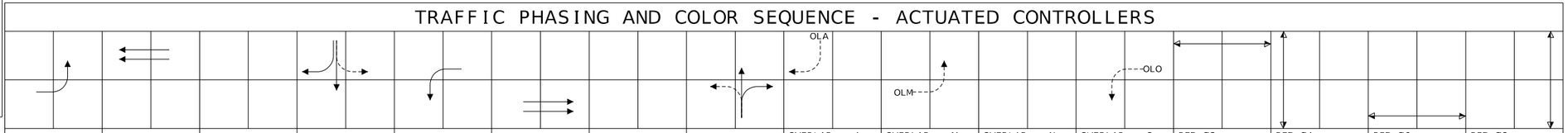
WILSON &COMPANY ENGINEERS & ARCHITECTS
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

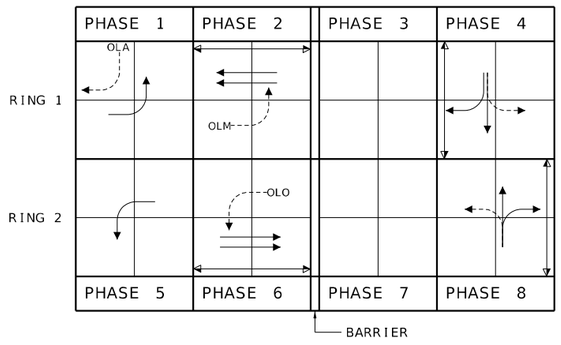
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP M	OVERLAP N	OVERLAP O	PED Ø2	PED Ø4	PED Ø6	PED Ø8	
FACE NUMBERS	10	21 22		41 42 70	50	61 62 10		81 82	41 42	10		50	23 24	43 44	63 64	83 84	FACE NUMBERS
SIGNAL INDICATIONS	R	R		R R R	R	R R R		R R	R R	R		R	W W	W W	W W	W W	R
	Y	YL		Y Y Y	YL	Y Y Y		Y Y	Y Y	YL		YL	DW DW	DW DW	DW DW	DW DW	Y
	FYA	FYA			FYA					FYA		FYA					FYA
	G	L		G G G	L	G G G		G G	G G	L		L					G
				Rt Rt					Rt Rt								
DETECTOR ASSIGNMENTS	10	21 22		41 41 70	50	61 62 10		81 82									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													24 23	44 43	64 63	84 83	
OVERLAP PARENT PHASES									1 1	2		6					



RING STRUCTURE

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
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- 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	
NE 61ST TERRACE	FR
ROUTE 1	FY
CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 1 WITH NE 61ST TERR./NE BROOKTREE LN

D-38A

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	206

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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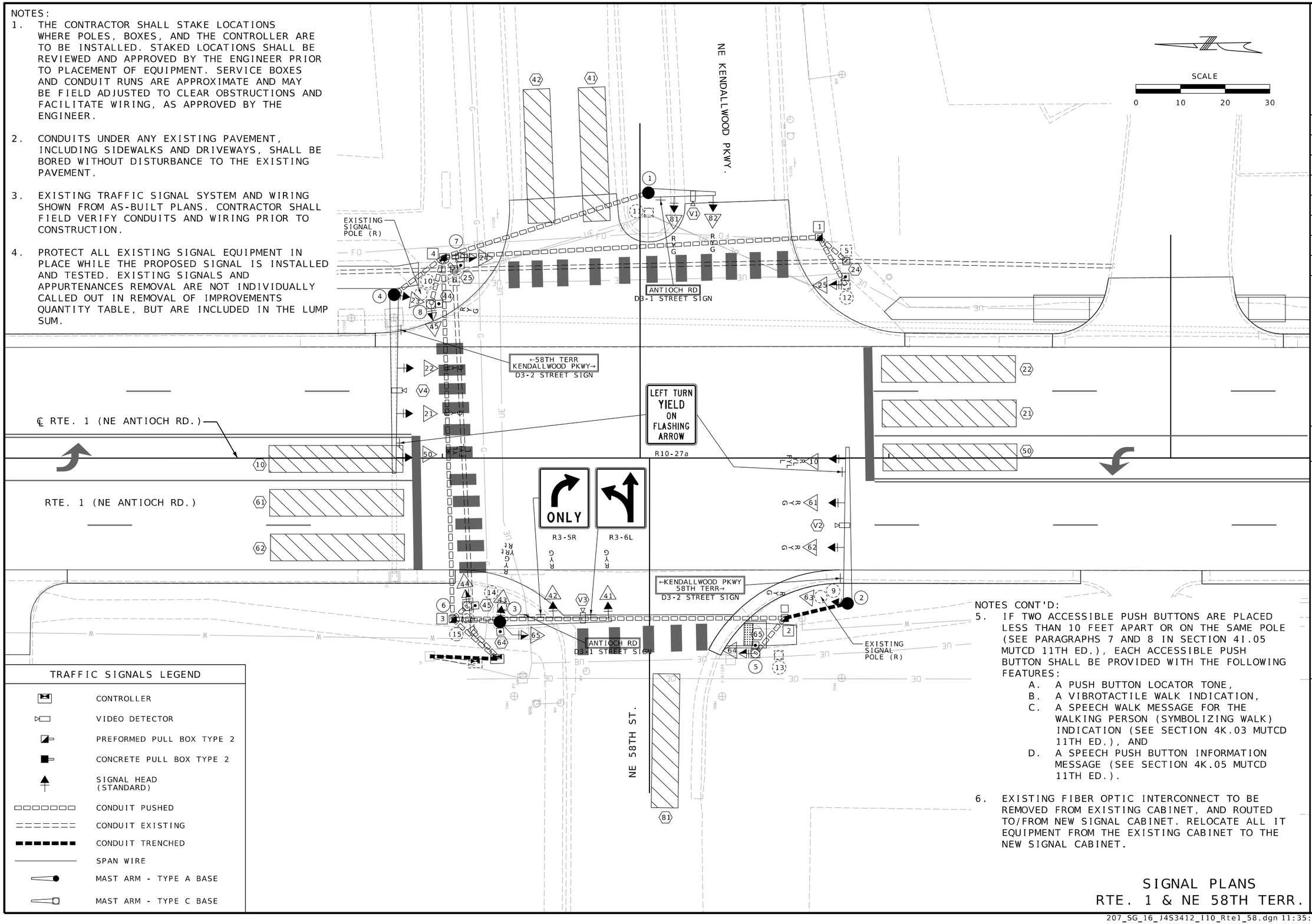
NOTES:

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
- 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.).

6. EXISTING FIBER OPTIC INTERCONNECT TO BE REMOVED FROM EXISTING CABINET, AND ROUTED TO/FROM NEW SIGNAL CABINET. RELOCATE ALL IT EQUIPMENT FROM THE EXISTING CABINET TO THE NEW SIGNAL CABINET.

SIGNAL PLANS
RTE. 1 & NE 58TH TERR.

STATE OF MISSOURI
MICHAEL E. KRAMER
NUMBER PE-2021018621
PROFESSIONAL ENGINEER
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DATE PREPARED	
3/3/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	207
COUNTY	
CLAY	
JOB NO.	
J4S3412	
CONTRACT ID.	
.	
PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION

DATE

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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
·	▶	MO ROUTE 1	1098+12	45.0' RT.	·	·	·	·	·	·	·	·	·	·	·	·	·	1.93	·	·	·	·	·	·	·	·	·	·	·
(1)	·	MO ROUTE 1	1098+46	59.4' LT.	1	·	·	·	·	·	·	·	·	·	·	·	·	2.88	·	·	·	·	·	·	·	·	·	·	·
(2)	·	MO ROUTE 1	1098+91	32.5' RT.	·	1	·	·	·	·	·	·	·	·	·	·	·	3.01	·	·	·	·	·	·	·	·	·	·	·
(3)	·	MO ROUTE 1	1098+13	36.7' LT.	1	·	·	·	·	·	·	·	·	·	·	·	·	2.88	·	·	·	·	·	·	·	·	·	·	·
(4)	·	MO ROUTE 1	1097+89	36.6' LT.	·	·	·	1	·	·	·	·	·	·	·	·	·	3.27	·	·	·	·	·	·	·	·	·	·	·
(5)	·	MO ROUTE 1	1098+70	43.0' RT.	·	·	·	·	·	·	·	·	·	·	·	·	1	0.44	·	·	·	·	·	·	·	·	·	·	·
(6)	·	MO ROUTE 1	1098+06	33.1' RT.	·	·	·	·	·	·	·	·	·	·	·	·	1	0.44	·	·	·	·	·	·	·	·	·	·	·
(7)	·	MO ROUTE 1	1098+04	45.0' LT.	·	·	·	·	·	·	·	·	·	·	·	·	1	0.44	·	·	·	·	·	·	·	·	·	·	·
(8)	·	MO ROUTE 1	1097+97	34.5' LT.	·	·	·	·	·	·	·	·	·	·	·	·	1	0.44	·	·	·	·	·	·	·	·	·	·	·
·	1	MO ROUTE 1	1098+84	49.5' LT.	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·
·	2	MO ROUTE 1	1098+77	35.8' RT.	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·
·	3	MO ROUTE 1	1098+02	36.1' RT.	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·
·	4	MO ROUTE 1	1098+00	45.0' LT.	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·
SUBTOTAL																		15.73	4										
TOTAL																		15.73	4										

POST: TOP MOUNT POST: 8 FT.	15 FT.	TYPE C & CL: ARM LENGTH: 15'	25'	35'	40'	SIGNAL SPACING: B	C	D	D'	SIGN SPACING: B	C	D	D'	TYPE B & BL: ARM LENGTH: E	K	E	K	E	K	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.
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	1	·	·	·	6'	9'	·	·	3'	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	1	·	13'	10'	10'	·	6'	24'	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	1	·	·	12'	12'	·	·	5'	4'	11'	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	1	17'	10'	10'	·	8'	25'	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	1	·	·	·	·	·	·	·

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"		
∅		16'		20'												
	3	14'						17'								2-3"
3	3	11'						14'								
3	6	5'						6'								
3	2	75'						73'								
2	2	15'			18'											
2	5	11'						12'								
3	4	82'						80'								
4	1	49'						52'								
4	4	14'						17'								
4	7	4'						5'								
4	8	11'						12'								
4	6	4'						2'								
4	1	85'						83'								
1	12	13'						14'								
1	5	9'						7'								

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				
ROUTE 1	1097+97	44' RT	Type	·	15 Amps	· Amps	· Amps	· Amps		· Amps	Cl. Ft.	1
·	·	·	Type	·	15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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
ROUTE 1	1098+12	45' RT	·	·	1	·	·	·	·	·	·	·	·	1	·	·	1	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·

NEMA DETECTOR ASSIGNMENT

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

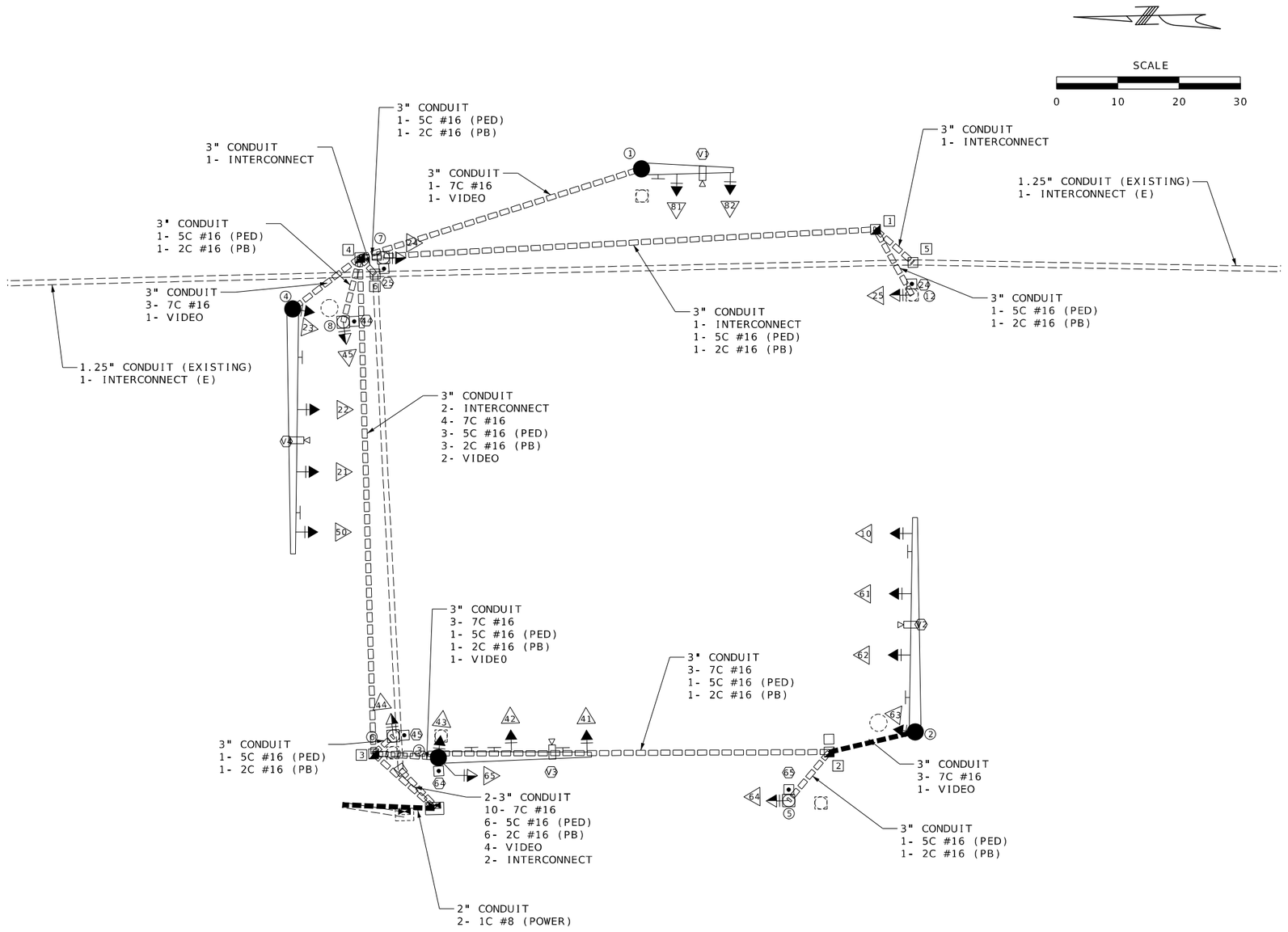
TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
50, 21, 22	NB ROUTE 1	·	·	·	·	V4
24	ROUTE 1	1				
25	ROUTE 1	1				
10, 61, 62	SB ROUTE 1					V2
64	ROUTE 1	1				
65	ROUTE 1	1				
81	EB NE 58TH TERRACE					V1
41, 42	WB NE 58TH TERRACE					V3
44	NE 58TH TERRACE	1				
45	NE 58TH TERRACE	1				
·						
·						
·	

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

RTE. 1 AND NE 58TH TERRACE

INTERSECTION

D-37D

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MICHAEL E. KRAMER
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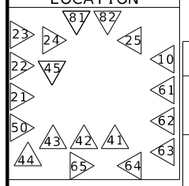
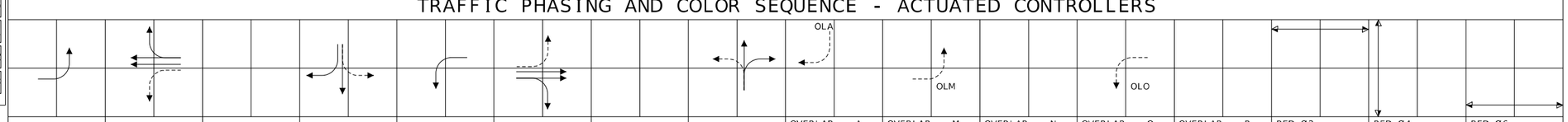


TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



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SIGNAL INDICATIONS R	R	R R R		R R R	R	R R R		R R	R	RL		RL		W W	W W	W W	R
SIGNAL INDICATIONS Y	Y	Y Y Y		Y Y YRt	Y	Y Y Y		Y Y	YRt	YL		YL		DW DW	DW DW	DW DW	Y
SIGNAL INDICATIONS FYA										FYL		FYL					FYA
SIGNAL INDICATIONS G	G	G G G		G G G	G	G G G		G G									G
				Rt					Rt								
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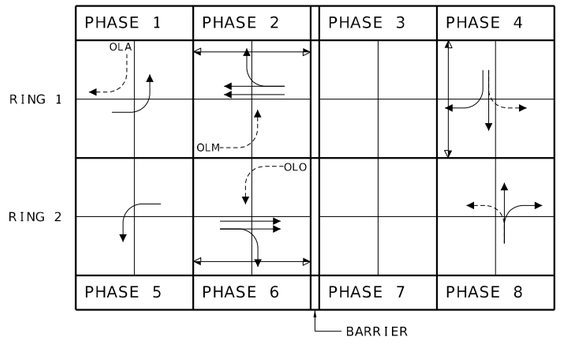
OVERLAP PARENT PHASES									1	2		6					



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- 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	
NE 58TH TERRACE	FR
ROUTE 1	FY

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 1 WITH NE 58TH TERRACE

D-38A

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Missouri Cert. of Authority #2003007599

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.

NOTES CONT'D:

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.

SCALE

0 10 20 30

NE ENGLWOOD RD.

℄ RTE. 1 (NE ANTIOCH RD.)

1115

RTE. 1 (NE ANTIOCH RD.)

NE 56TH ST.

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.).

TRAFFIC SIGNALS LEGEND

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

SIGNAL PLANS
RTE. 1 & NE 56TH ST.

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

DATE PREPARED	3/3/2025
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 213
COUNTY	CLAY
JOB NO.	J4S3412
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 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.
		CONTROLLER	(AS REQ'D)																												
(1)		MO ROUTE 1	1115+35	62.4' RT.													1	0.44												1	
(2)		MO ROUTE 1	1115+20	38.0' RT.													1	0.44												1	
	1	MO ROUTE 1	1115+82	56.2' LT.															1												
	2	MO ROUTE 1	1115+82	46.6' RT.															1												
	3	MO ROUTE 1	1115+35	66.3' RT.															1												
	4	MO ROUTE 1	1115+16	45.1' RT.															1												

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"		
5	1	25'			23'												
1	2	103'							101'								
2	3	52'			50'												
3	4	29'							27'								
1	7	52'							50'								
2	8	4'							2'								
SUBTOTALS					73'				180'								
TOTALS					73'				180'								

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	1	302'				356'										PEDESTRIAN HEAD 66
1	1	302'			346'											PUSH BUTTON 67
2	2	335'				395'										PEDESTRIAN HEAD 67
2	2	335'			385'											PUSH BUTTON 66
3	1	127'										(200')				VIDEO V-1
5	1	261'					318'									SIGNAL HEAD 82
5	2	252'										(343')				VIDEO V-2
6	3	283'										(348')				VIDEO V-3
7	4	169'										(241')				VIDEO V-4
SUBTOTALS					731'	751'	318'									
TOTALS					731'	751'	318'									

INTERSECTION ROUTE 1 & NE 56TH STREET/NE ENGLEWOOD ROAD

D-37B

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	215

COUNTY CLAY

JOB NO. J4S3412

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)

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					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
.	.	.	Type	.	15 Amps	. Amps	. Amps	. Amps		. Amps	CI. Ft.	
.	.	.	Type	.	15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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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)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
50, 21, 22	NB ROUTE 1	.	.	.	.	V4
23	ROUTE 1	1				
24	ROUTE 1	1				
10, 61, 62, 63	SB ROUTE 1					V2
64	ROUTE 1	1				
65	ROUTE 1	1				
66	ROUTE 1	1				
67	ROUTE 1	1				
30, 81	EB NE ENGLEWOOD RD					V1
83	NE ENGLEWOOD RD	1				
84	NE ENGLEWOOD RD	1				
41	WB NE 56TH STREET					V3
.						
.						
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.						
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.						
.						
.						
.						
TOTAL		8				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARWARE. 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 COMPLY 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.

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			
4**	R10-3ER	9 X 15	0.9	3.6**	4**
4**	R10-3EL	9 X 15	0.9	3.6**	4**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2**	8**
			TOTAL	0	0

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							

ROUTE 1 & NE 56TH STREET/NE ENGLEWOOD ROAD

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	216

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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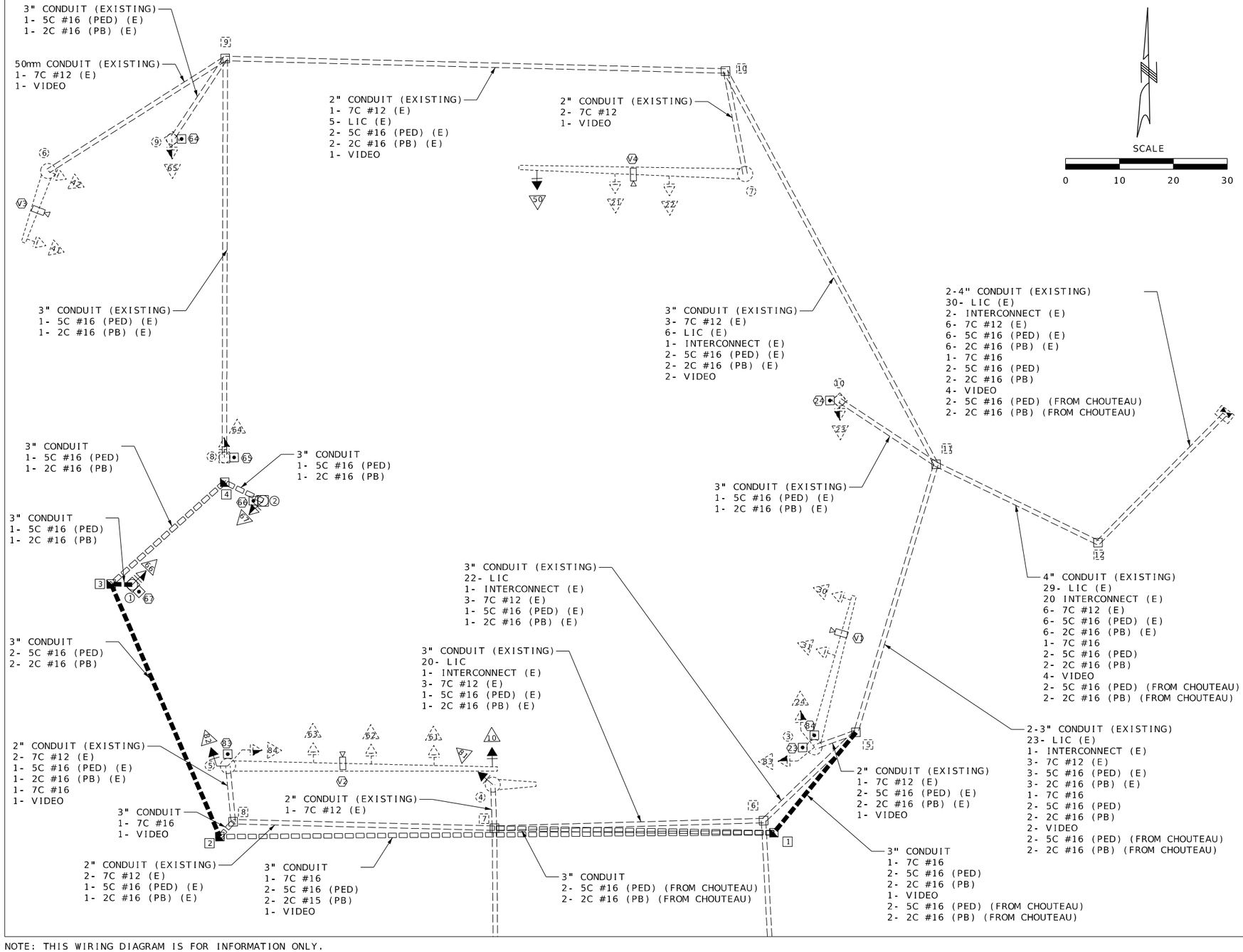
Missouri Cert. of Authority #2003007599

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 J4P2266.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE 56TH ST.

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	217

COUNTY: CLAY
JOB NO.: J4S3412
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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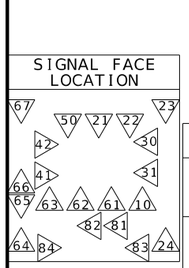
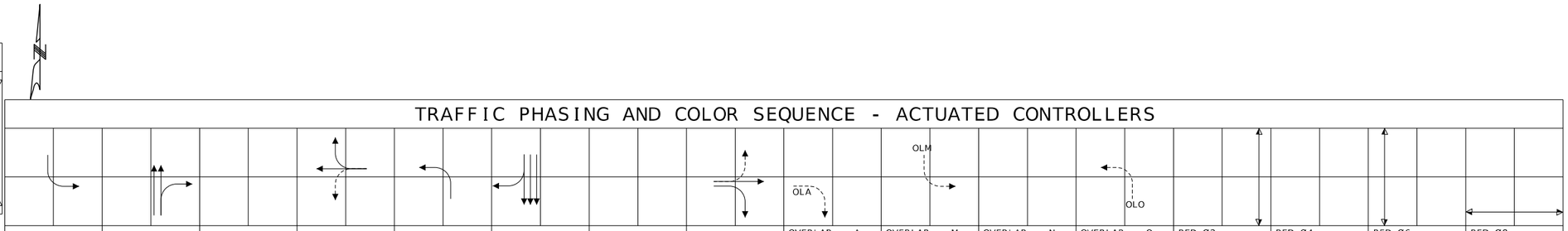
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

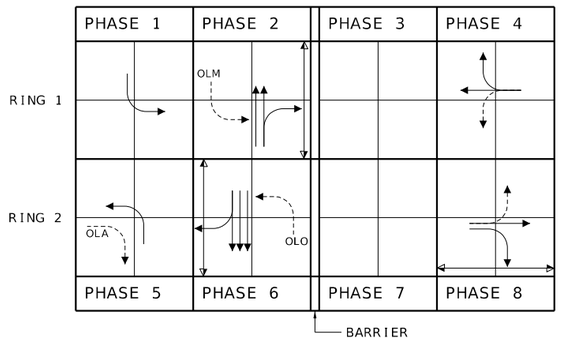
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP M	OVERLAP N	OVERLAP O	PED Ø2	PED Ø4	PED Ø6	PED Ø8	
FACE NUMBERS	10	21 22		41 42	50	61 62 63		30 31 81 82	81 82	10		50	23 24		64 65 66 67 83 84		FACE NUMBERS
SIGNAL INDICATIONS	R	R		R R	R	R R R		R R R R	R R	R		R	W W		W W W W W W		R
	Y	YL		Y Y	YL	Y Y Y		Y Y Y Y	Y Y	YL		YL	DW DW		DW DW DW DW DW DW		Y
	FYA	FYA			FYA					FYA		FYA					FYA
	G	L		G G	L	S S S		G G Rt Rt	Rt Rt	L		L					G
		Rt				Rt											SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS	10	21 22		41 41	50	61 62 63		30 30 81 81									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													23 24		64 65 66 67 83 84		
OVERLAP PARENT PHASES									5 5	2		6					



RING STRUCTURE

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	
NE 56TH ST/NE ENGLEWOOD RD	FR
ROUTE 1	FY
CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF	
ROUTE 1	WITH NE 56TH ST/NE ENGLEWOOD RD

D-38A

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	218

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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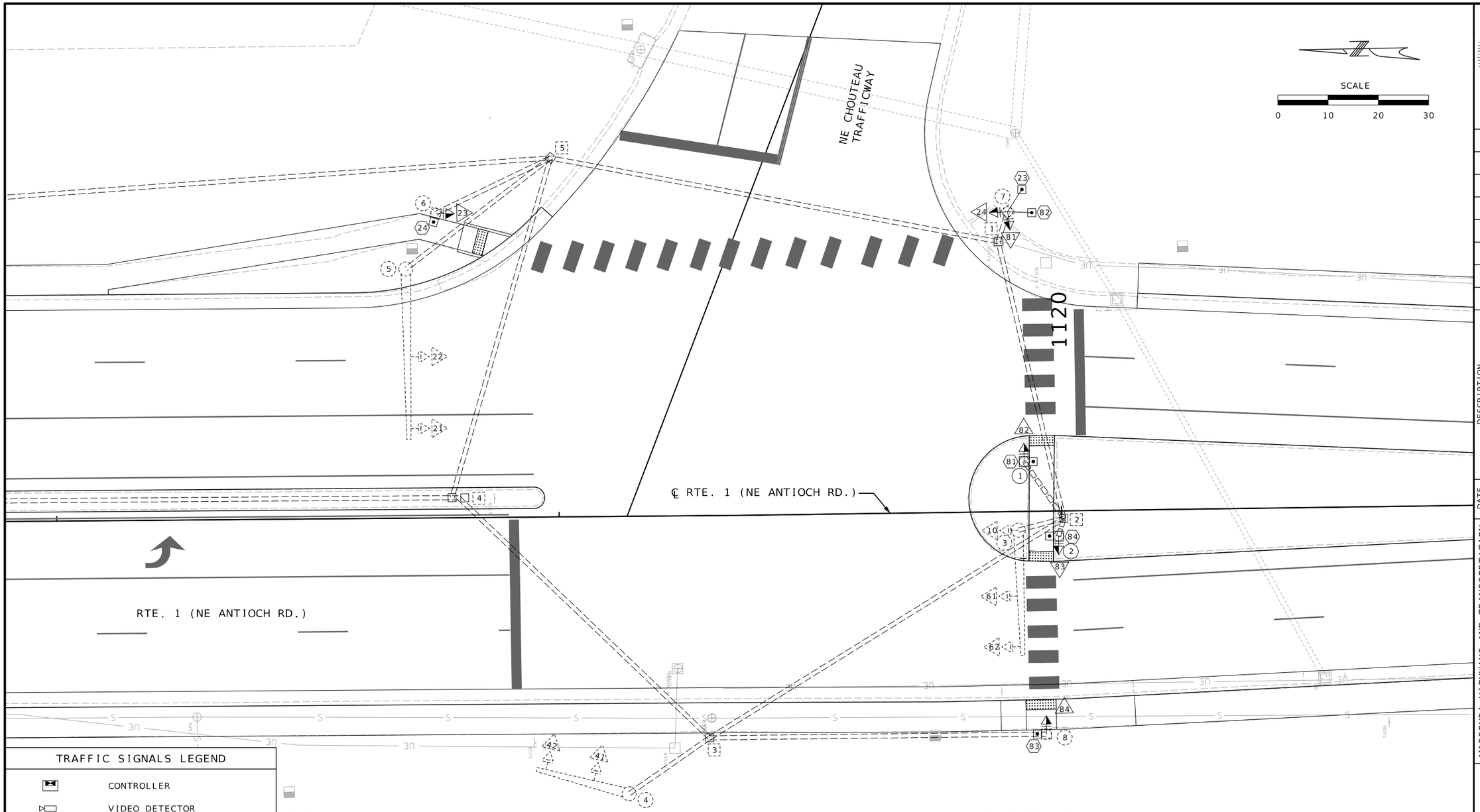

TRAFFIC SIGNALS LEGEND

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

NOTES:

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NOTES CONT'D:

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   - 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 & NE CHOUTEAU TRAFFICWAY

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

DATE PREPARED: 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	219

COUNTY: CLAY
JOB NO.: J4S3412
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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Missouri Cert. of Authority #2003007599

EFFECTIVE: 07-01-2018

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	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	POST TOP MOUNT 8 FT.	POST TOP MOUNT 15 FT.
		CONTROLLER	(AS REQ'D)														1	0.44													
(1)		MO ROUTE 1	1119+93	9.9' LT.													1	0.44												1	
(2)		MO ROUTE 1	1119+99	5.0' RT.													1	0.44												1	
				SUBTOTAL														0.88												2	
				TOTAL														0.88												2	

POST NUMBER	TYPE C & CL ARM LENGTH A	A	A	A	TYPE C & CL SIGNAL SPACING B	C	D	D'	TYPE C & CL SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	LEFT ARM E SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	RIGHT ARM K SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
(1)																																									
(2)																																									

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE 150W SODIUM | INDICATIONS * 12" LENS CONVENTIONAL R | Y | YL | YRt | FYL | FYR | G | S | L | Rt | (pedestrian) | 12" LENS OPTICAL LIMITING R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

EFFECTIVE: 10-01-2015

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"		
2	1	14'							15'								
2	2	4'							5'								
SUBTOTALS									20'								
TOTALS									20'								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #12	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
	1	660'				726'										PEDESTRIAN HEAD 82
	1	660'			716'											PUSH BUTTON 81
	2	650'				716'										PEDESTRIAN HEAD 83
	2	650'			706'											PUSH BUTTON 84
SUBTOTALS					1422'	1442'										
TOTALS					1422'	1442'										

INTERSECTION ROUTE 1 & CHOUTEAU TRAFFICWAY

D-37B

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	221

COUNTY CLAY

JOB NO. J4S3412

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)

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 TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	.	.	.	.	.	.	.	.
	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
∅1 SBL	∅2 NB	NOT USED	∅4 WB	NOT USED	∅6 SB	NOT USED	NOT USED	PED ∅2	NOT USED	NOT USED	PED ∅8

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			
4**	R10-3ER	9 X 15	0.9	3.6**	4**
2**	R10-3EL	9 X 15	0.9	1.8**	2**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	5.4**	6**
			TOTAL	0	0

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
23	ROUTE 1	1	.	.	.	.
24	ROUTE 1	1				
81	CHOUTEAU TRAFFICWAY	1				
82	CHOUTEAU TRAFFICWAY	1				
83	CHOUTEAU TRAFFICWAY	1				
84	CHOUTEAU TRAFFICWAY	1				
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TOTAL		6				

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 COMPLY 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							X
FR6							

ROUTE 1 & CHOUTEAU TRAFFICWAY

INTERSECTION

D-37C

222_SG_31_J4S3142_I60_Rte1_Chouteau.dgn 11:39:46 AM 3/3/2025

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	222

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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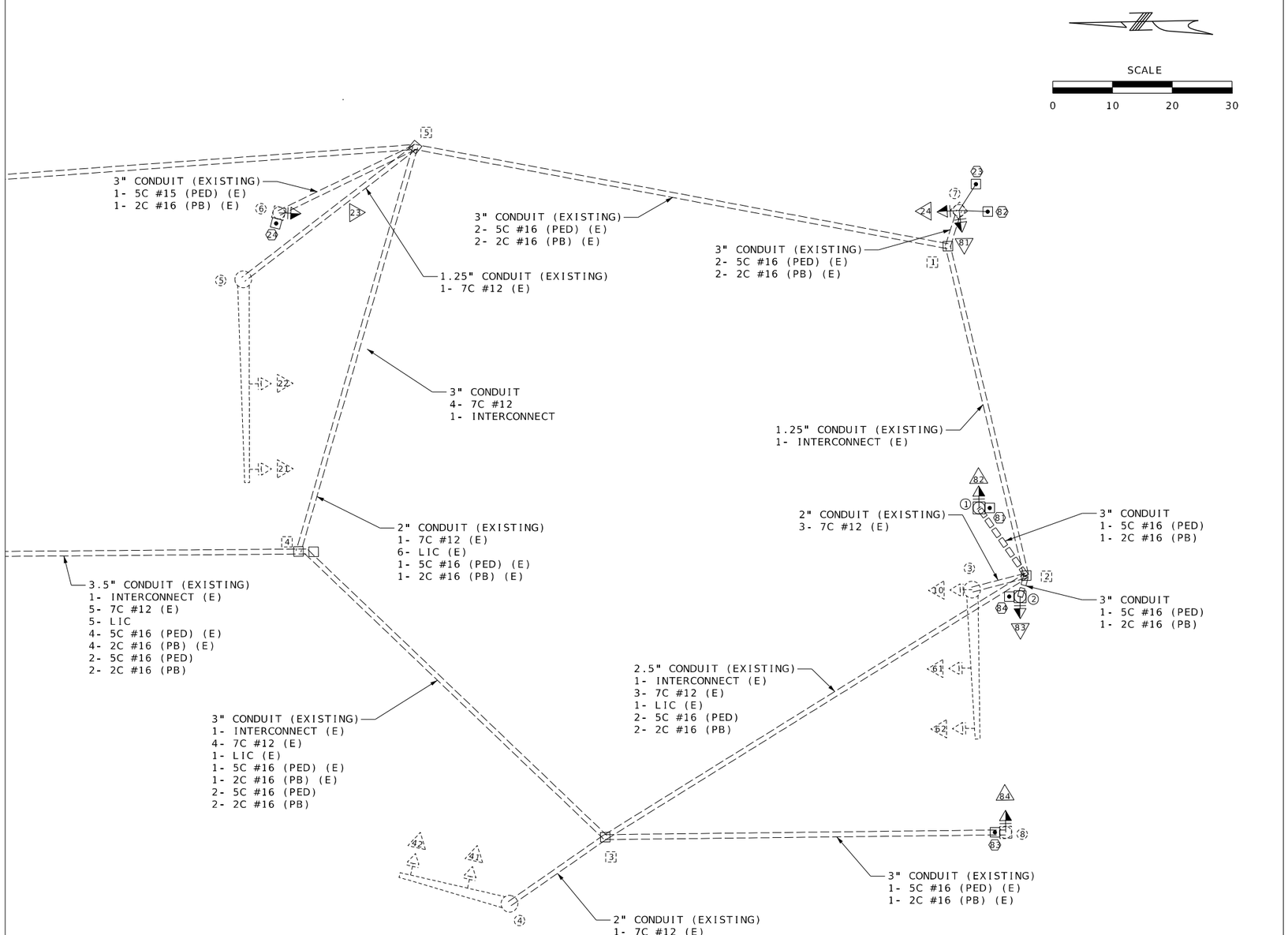
800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



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 J4P2266.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE CHOUTEAU TRAFFICWAY

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	223

COUNTY: CLAY
JOB NO.: J4S3412
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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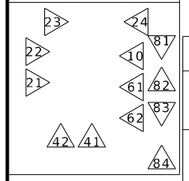
Missouri Cert. of Authority #2003007599

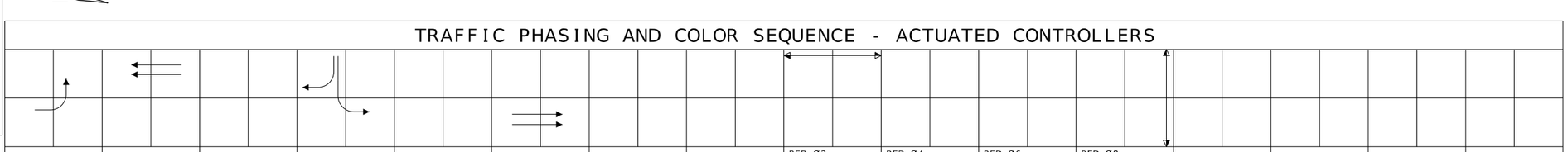
223_SG_32_J4S3142_I10_Rte1_Chouteau.dgn 11:40:03 AM 3/3/2025

EFFECTIVE: 12-01-2017

SIGNAL FACE LOCATION

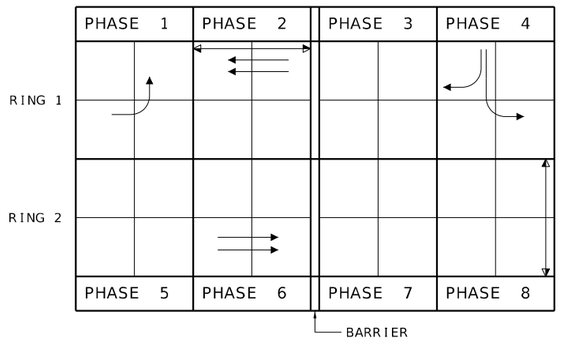


TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	PED Ø8
FACE NUMBERS	10	21 22		41 42		61 62			23 24			81 82 83 84
SIGNAL INDICATIONS R	R	R R		R R		R R			W W			W W W W
SIGNAL INDICATIONS Y	Y	Y Y		Y Y		Y Y			DW DW			DW DW DW DW
SIGNAL INDICATIONS FYA												
SIGNAL INDICATIONS G	L	S G		RT L		S S						
				RT								
DETECTOR ASSIGNMENTS	10	21 22		41 42		61 62						
DETECTOR ASSIGNMENTS (PEDS. ONLY)									23 24			81 82 83 84
OVERLAP PARENT PHASES												

FACE NUMBERS
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

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	
CHOUTEAU TRFWY	FR
ROUTE 1	FY

CONTROLLER TYPE	

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 1 WITH CHOUTEAU TRFWY

D-38A

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	224

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

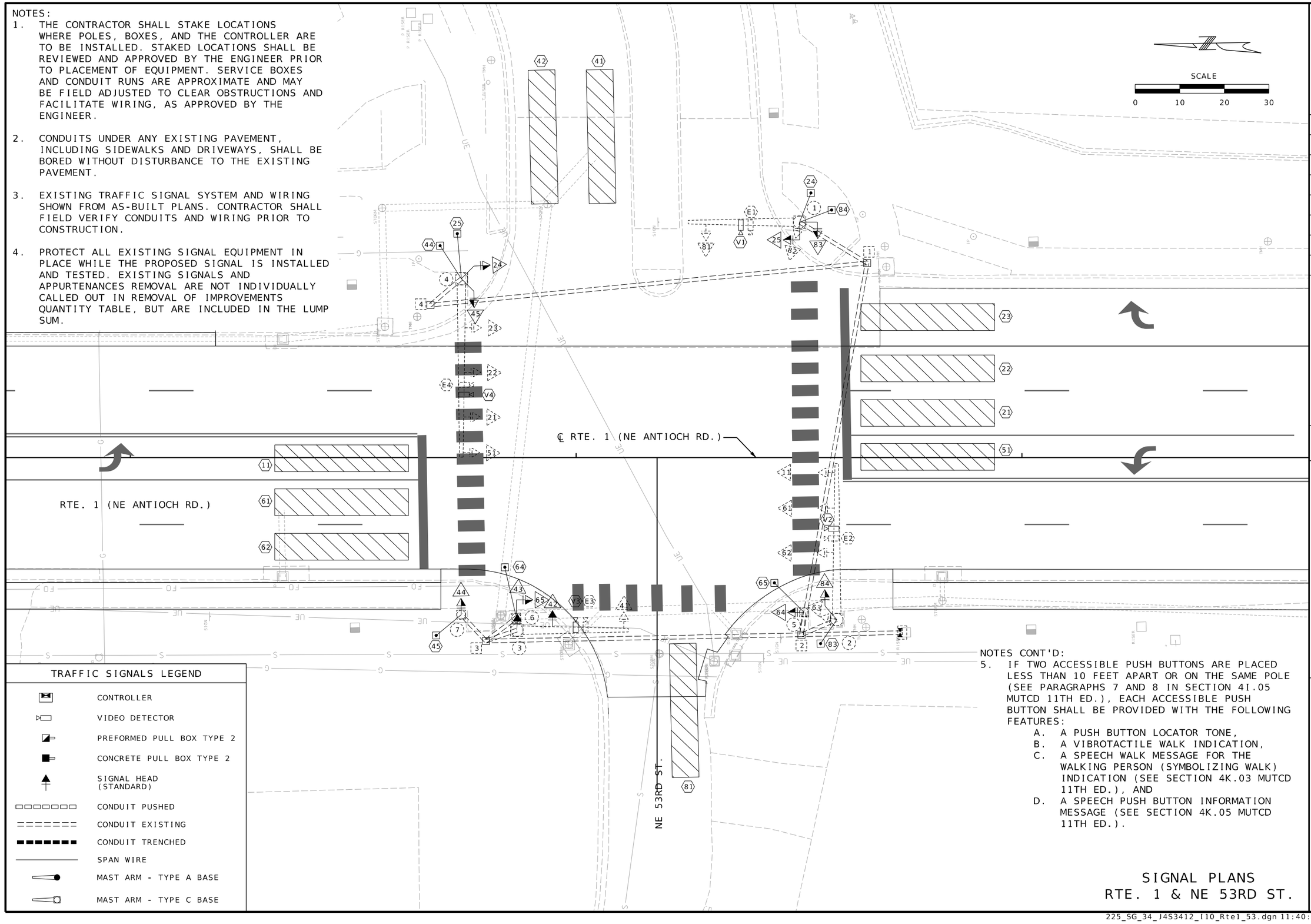
NOTES:

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
- 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 & NE 53RD ST.

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

DATE PREPARED	3/3/2025
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	225
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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WILSON &COMPANY ENGINEERS & ARCHITECTS
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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 | BASE: 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 | B | 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 | K | 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"		
SUBTOTALS																	
TOTALS																	

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	125'										(223')				VIDEO V-1
	2	32'										(139')				VIDEO V-2
	3	101'					185'									SIGNAL HEAD 42
	3	101'										(199')				VIDEO V-3
	4	215'										(345')				VIDEO V-4
SUBTOTALS							185'									
TOTALS							185'									

INTERSECTION ROUTE 1 & NE 53RD STREET

D-37B

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

DATE PREPARED 3/3/2025

ROUTE 1 | STATE MO

DISTRICT KC | SHEET NO. 227

COUNTY CLAY

JOB NO. J4S3412

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 TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									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			
4	R10-3ER	9 X 15	0.9	3.6**	4**
4	R10-3EL	9 X 15	0.9	3.6**	4**
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2**	8**
			TOTAL	0	0

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
51, 21, 22, 23	NB ROUTE 1	.	.	.	.	V4
24	ROUTE 1	1				
25	ROUTE 1	1				
11, 61, 62	SB ROUTE 1					V2
64	ROUTE 1	1				
65	ROUTE 1	1				
81	EB NE 53RD STREET					V1
83	NE 53RD STREET	1				
84	NE 53RD STREET	1				
41, 42	WB NE 53RD STREET					V3
44	NE 53RD STREET	1				
45	NE 53RD STREET	1				
.						
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.						
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.						
.						
.						
.						
.						
TOTAL		8				

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							

* 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 COMPLY 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.

ROUTE 1 & NE 53RD STREET

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 3/3/2025

ROUTE 1 | STATE MO

DISTRICT KC | SHEET NO. 228

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE
.	.

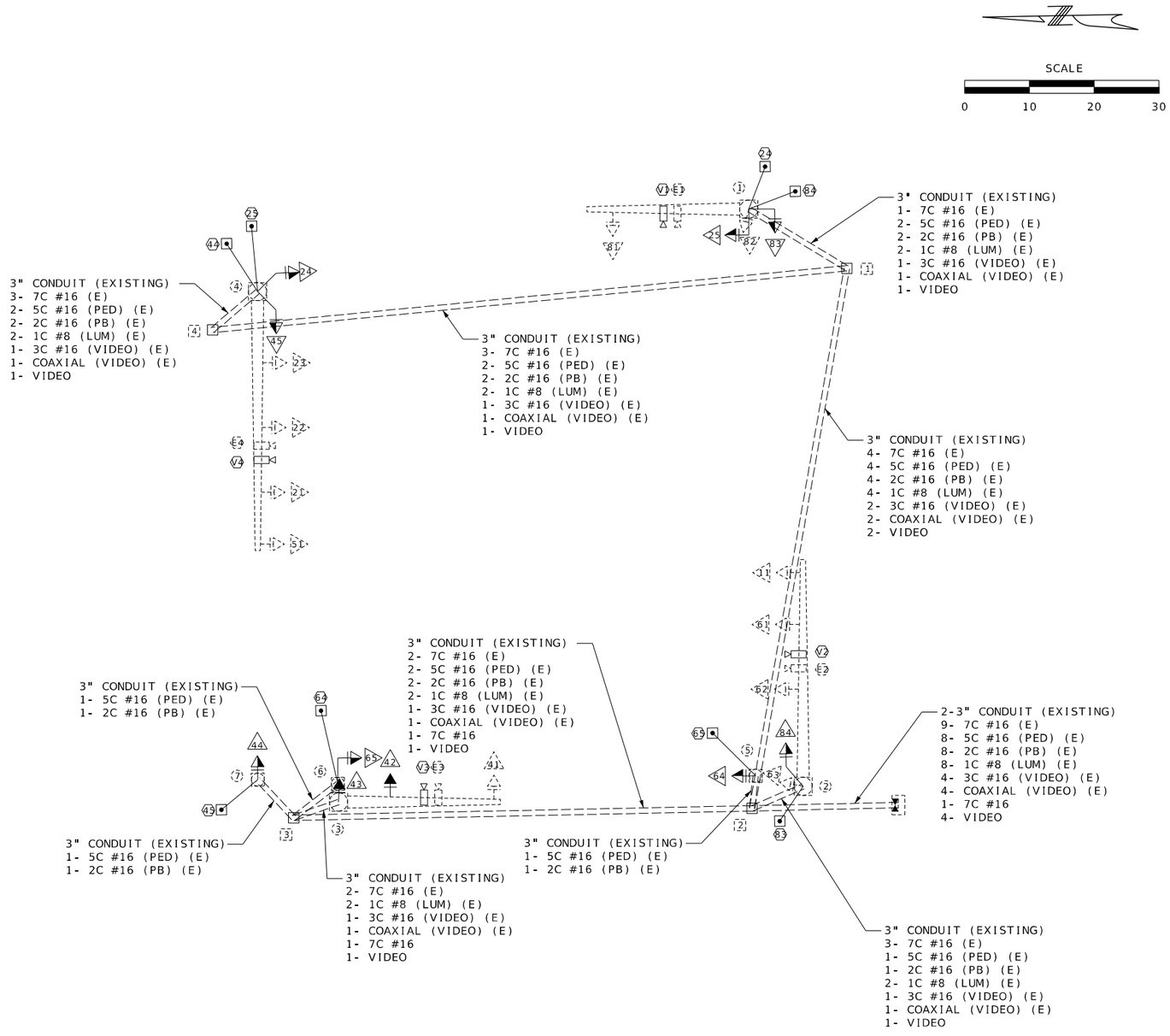
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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: 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 SD1441.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY.

RTE. 1 AND NE 53RD ST.

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 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	229

COUNTY: CLAY
JOB NO.: J4S3412
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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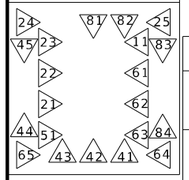
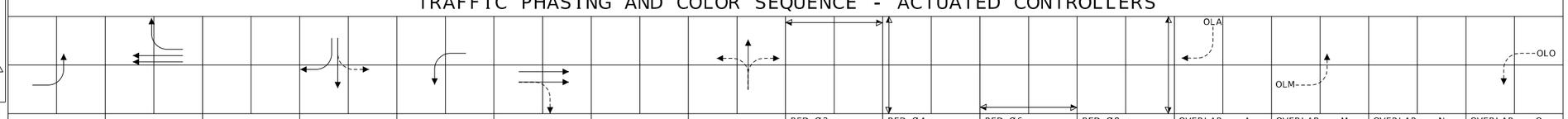
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of Authority #2003007599

EFFECTIVE: 12-01-2017

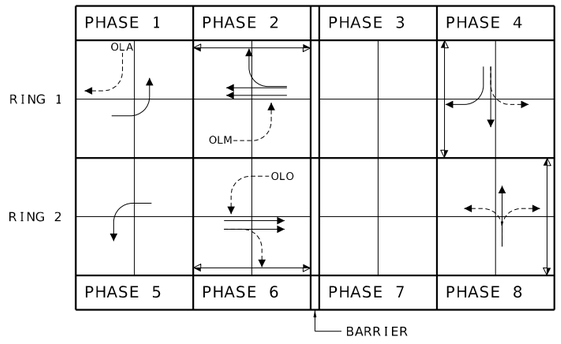
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	PED Ø8	OVERLAP A	OVERLAP M	OVERLAP N	OVERLAP O	
FACE NUMBERS	11	21 22 23		41 42 43	51	61 62 63		81 82	24 25	44 45	64 65	83 84	42 43	11		51	FACE NUMBERS
SIGNAL INDICATIONS R	R	R R R		R R R	R	R R R		R R	DW DW	DW DW	DW DW	DW DW	R R	R		R	R
SIGNAL INDICATIONS Y	YL	Y Y YRt		Y YRt YRt	YL	Y Y Y		Y Y					YRt YRt	YL		YL	Y
SIGNAL INDICATIONS FYA	FYL				FYL				FDW FDW	FDW FDW	FDW FDW	FDW FDW		FYL		FYL	FYA
SIGNAL INDICATIONS G	L	S S Rt		G Rt Rt	L	G G G		G G	W W	W W	W W	W W	Rt Rt	L		L	G
				G G									G G				SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS	11	21 22 23		41 42 42	51	61 62 62		81 81									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									24 25	44 45	64 65	83 84					
OVERLAP PARENT PHASES													1 1	2		6	



RING STRUCTURE

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	
NE 53RD STREET	FR
ROUTE 1	FY

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 1 WITH NE 53RD STREET

D-38A

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	230

COUNTY: CLAY
JOB NO.: J4S3412
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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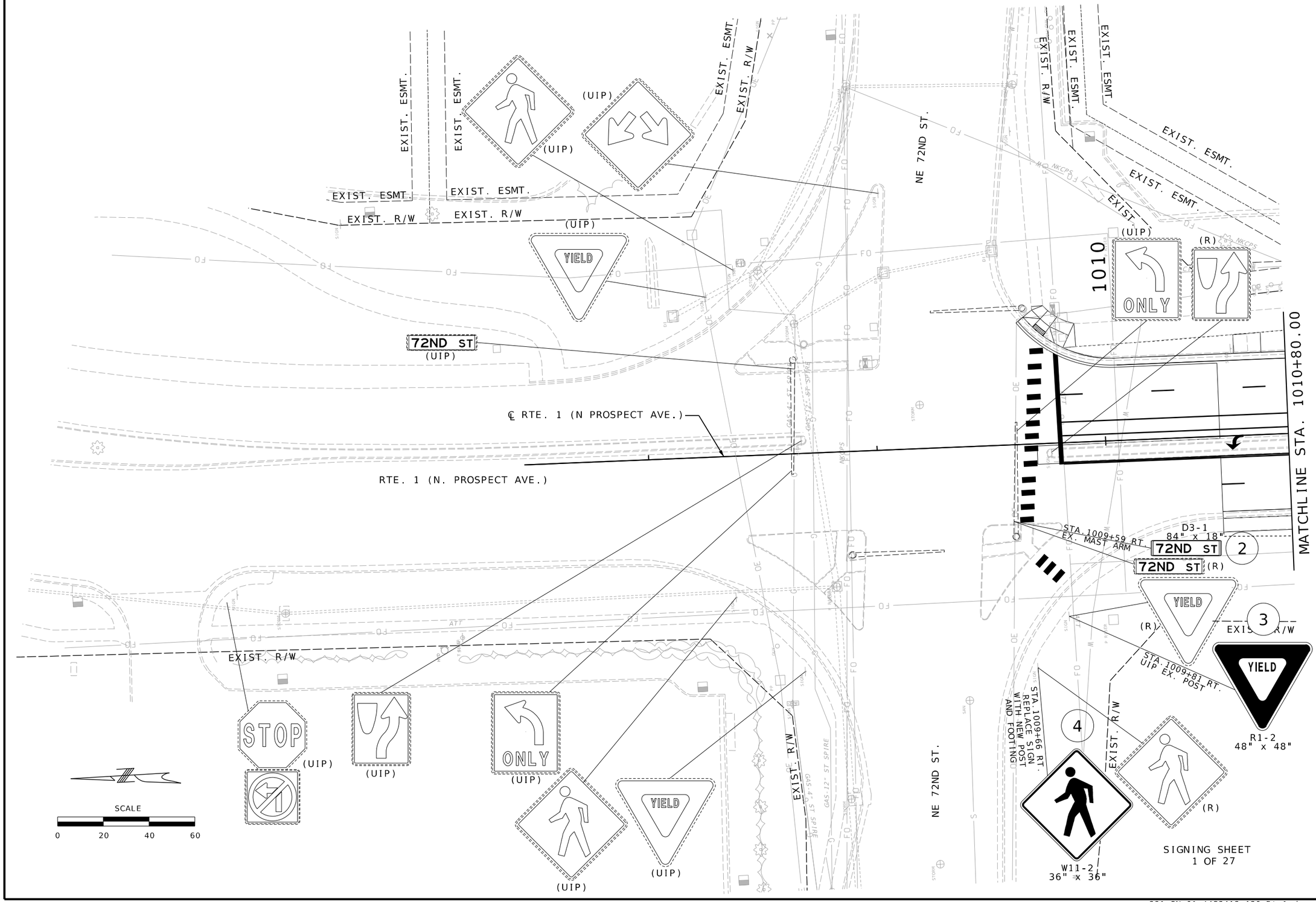

SIGNING SHEET
1 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	231

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

231_SN_01_J4S3412_I20_Rte1.dgn 4:05:36 PM 3/28/2025

SCALE

0 20 40 60

MATCHLINE STA. 1010+80.00

MATCHLINE STA. 1016+20.00

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

1015

(UIP)

STOP

(UIP)

SPEED LIMIT 40

(R)

MoDOT ADOPT-A-HIGHWAY Litter Cleanup

ADOPTER NAME

(UIP)

CENTER LANE ONLY

6

R3-9b
24" x 36"
STA.1014+30 RT.

SOUTH

1

(UIP)

GAS-2" IP SPIRE

SIGNING SHEET
2 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	232

COUNTY
CLAY

JOB NO.
J4S3412

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

232_SN_02_J4S3412_I20_Rte1.dgn 4:06:08 PM 3/28/2025

SCALE
0 20 40 60

EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
12" WM CITY OF GLADSTONE
NKCP5
NKCP5
12" WM CITY OF GLADSTONE
8" WATER DIST. CITY OF GLADSTONE
EXIST. R/W
(UIP)
STOP
NE 70TH ST.

CENTER LANE ONLY
7
R3-9b
24" x 36"
(R)
STA.1016+80 LT.
STA. 1021+24.03 ℄ RTE. 1 =
STA. 20+00.00 ℄ NE 70TH ST.

MATCHLINE STA. 1016+20.00

℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)

MATCHLINE STA. 1021+60.00

NE 72TH ST
MO ROUTE 1
(UIP)
STOP
(R)
(R)
STA. 1021+42 RT.
REPLACE SIGN
WITH NEW POST
AND FOOTING
STOP
R1-1
36" x 36"
10
NE 70TH ST.

EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
EXIST. R/W

SIGNING SHEET
3 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	233

COUNTY
CLAY
JOB NO.
J4S3412
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)

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

233_SN_03_J4S3412_I20_Rte1.dgn 4:06:48 PM 3/28/2025

SCALE
0 20 40 60

EXIST. R/W
EXIST. ESMT.
EXIST. R/W
EXIST. R/W
EXIST. R/W
NE 69TH TERR.
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W

(UIP)
NE 69TH TER
MO ROUTE 1

1025

(UIP)
SPEED LIMIT 40

STOP
(UIP)

12" WM CITY OF GLADSTONE
WM CITY OF GLADSTONE

MATCHLINE STA. 1021+60.00

MATCHLINE STA. 1027+00.00

℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)

STA. 1026+54.10 ℄ RTE. 1 =
STA. 30+00.00 ℄ NE 69TH TERR.

(RELOC)
YIELD
11
STA. 1021+81 RT.
REMOVE AND RELOCATE WITH NEW POST AND FOOTING

STA. 1021+65 RT.
REMOVE AND RELOCATE WITH NEW POST AND FOOTING

(RELOC)
11A

(R)

SIGNING SHEET
4 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	234
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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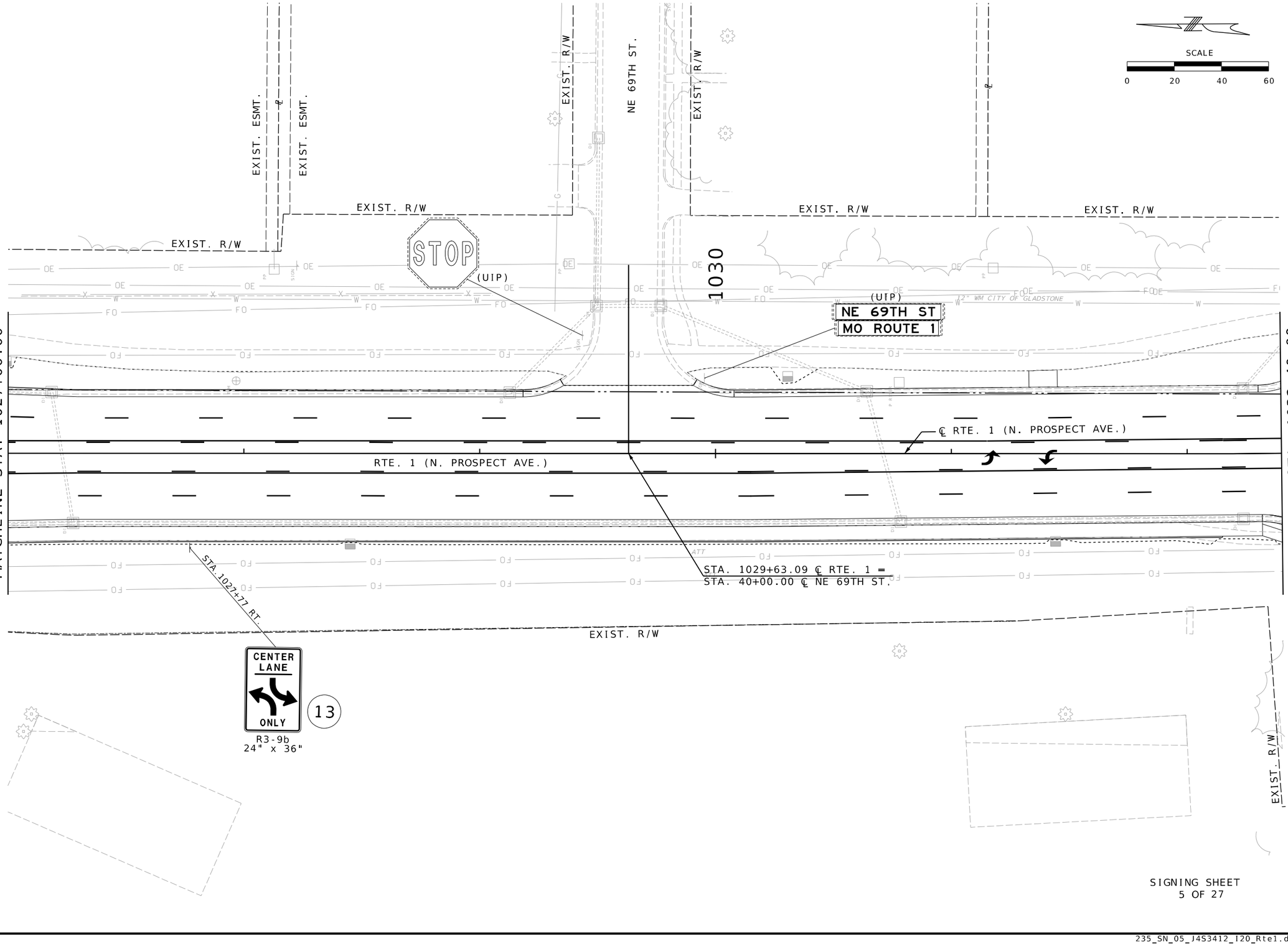
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

234_SN_04_J4S3412_I20_Rte1.dgn 4:07:09 PM 3/28/2025



SIGNING SHEET
5 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	235

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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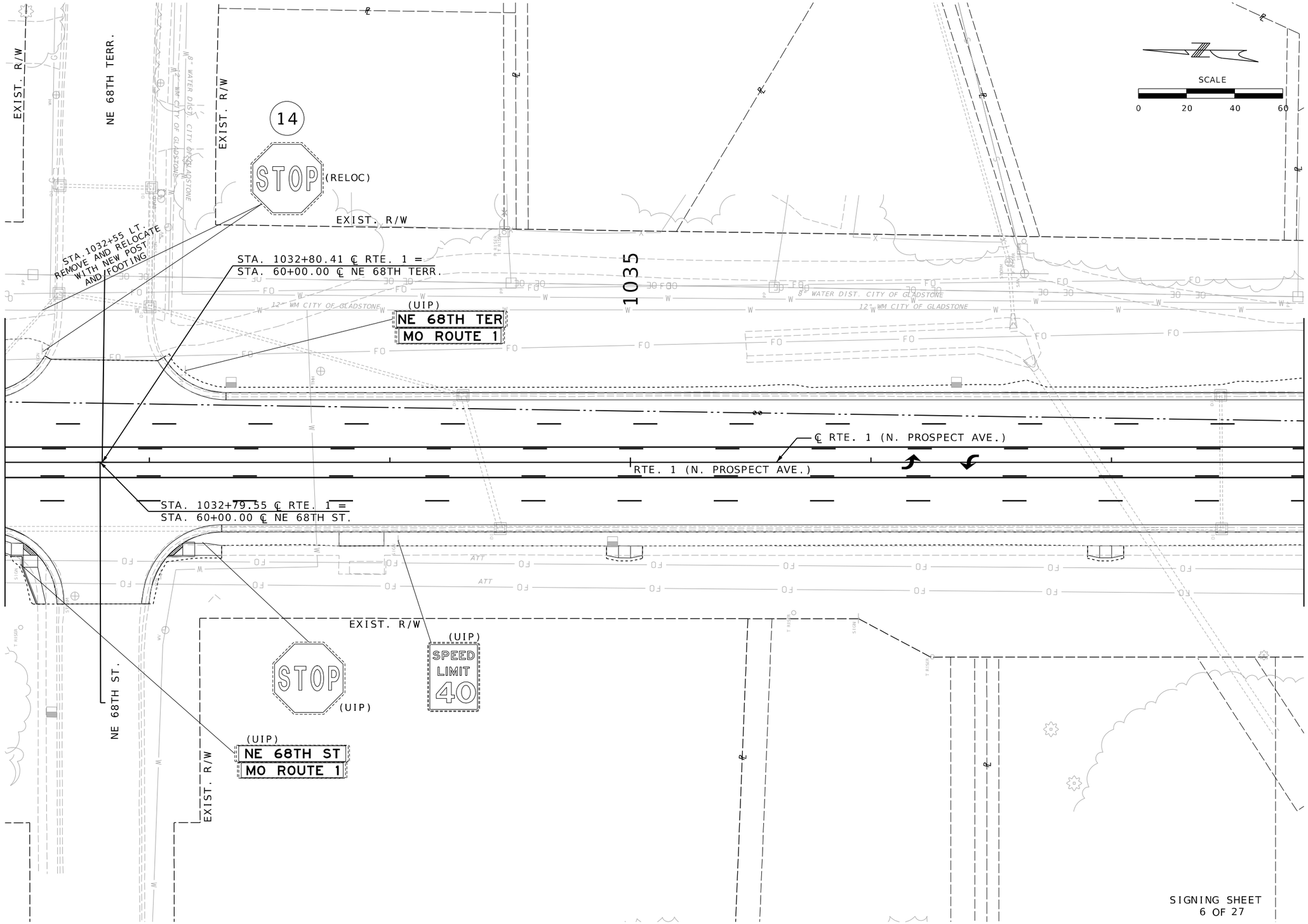
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

235_SN_05_J4S3412_I20_Rte1.dgn 4:07:30 PM 3/28/2025



SIGNING SHEET
6 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	236

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

236_SN_06_J4S3412_I20_Rte1.dgn 4:07:53 PM 3/28/2025

SCALE
0 20 40 60

(UIP)
NE 67TH TER
MO ROUTE 1

NE 67TH TERR.

EXIST. R/W

(UIP)
STOP

(UIP)
SPEED LIMIT 25

EXIST. R/W

EXIST. R/W

(UIP)
SPEED LIMIT 40

CENTER LANE
ONLY
R3-9b
24" x 36"
15

STA. 1039+40 LT.

MATCHLINE STA. 1037+80.00

℄ RTE. 1 (N. PROSPECT AVE.)

RTE. 1 (N. PROSPECT AVE.)

MATCHLINE STA. 1043+20.00

CENTER LANE
ONLY
R3-9b
24" x 36"
16

STA. 1039+91 RT.

STA. 1042+65.49 ℄ RTE. 1 =
STA. 70+00.00 ℄ NE 67TH TERR.

EXIST. R/W

SIGNING SHEET
7 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	237

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

237_SN_07_J4S3142_I20_Rte1.dgn 1:41:51 PM 3/3/2025

SCALE
0 20 40 60

EXIST. R/W

1045

MATCHLINE STA. 1043+20.00

RTE. 1 (N. PROSPECT AVE.)

STA. 1048+31.58 ℄ RTE. 1 =
STA. 81+00.00 ℄ NE 66TH ST.

℄ RTE. 1 (N. PROSPECT AVE.)

MATCHLINE STA. 1048+60.00

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
ADOPTER
NAME

(UIP)

EXIST. R/W

(UIP)
NE 66TH ST
MO ROUTE 1

STOP
(UIP)

NE 66TH ST.

EXIST. R/W

EXIST. R/W

SIGNING SHEET
8 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	238

COUNTY
CLAY

JOB NO.
J4S3412

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

238_SN_08_J4S3142_I20_Rte1.dgn 1:42:11 PM 3/3/2025

SCALE
0 20 40 60

R3-9b
24" x 36"
CENTER LANE
ONLY
17

STA. 1051+82.35 ℄ RTE. 1 =
STA. 90+00.00 ℄ NE 65TH TERR.

(R)
EMERGENCY SIGNAL

(UIP)

EXIST. R/W

STA. 1049+14 LT.

1050

MATCHLINE STA. 1048+60.00

RTE. 1 (N. PROSPECT AVE.)

℄ RTE. 1 (N. PROSPECT AVE.)

MATCHLINE STA. 1054+00.00

STA. 1050+77 LT.
EX. MAST ARM

STA. 1051+42 RT.
EX. MAST ARM

EMERGENCY SIGNAL
18 — 19

R10-13
36" x 24"

STA. 1052+10 RT.
REMOVE AND RELOCATE
WITH NEW POST
AND FOOTING

STOP (RELOC)
19A

EXIST. R/W

NE 65TH TERR.

EXIST. R/W

(UIP)
EMERGENCY SIGNAL AHEAD

(UIP)

(UIP)
NE 65TH TER
MO ROUTE 1

SIGNING SHEET
9 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	239

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

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)

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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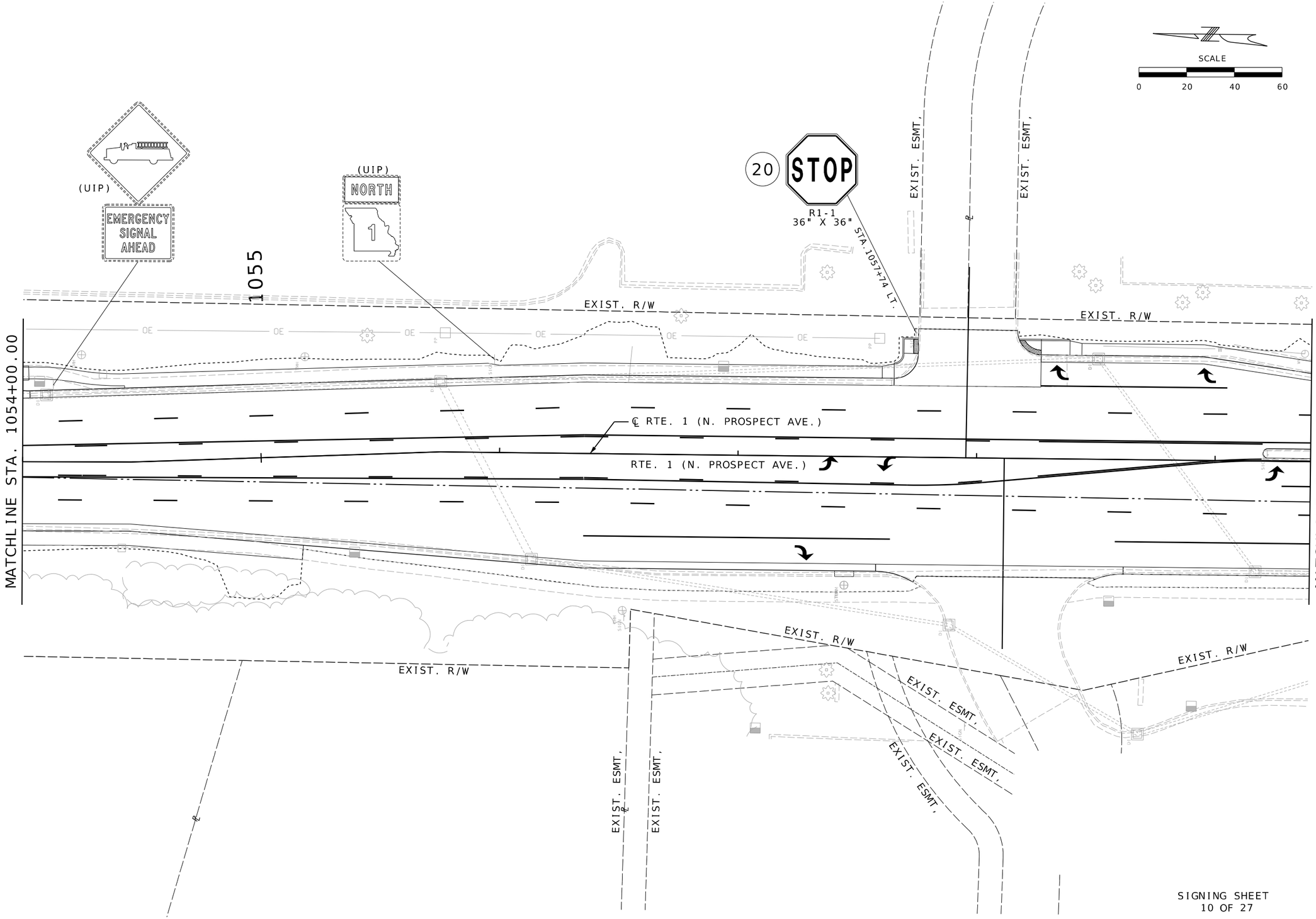


STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	240
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

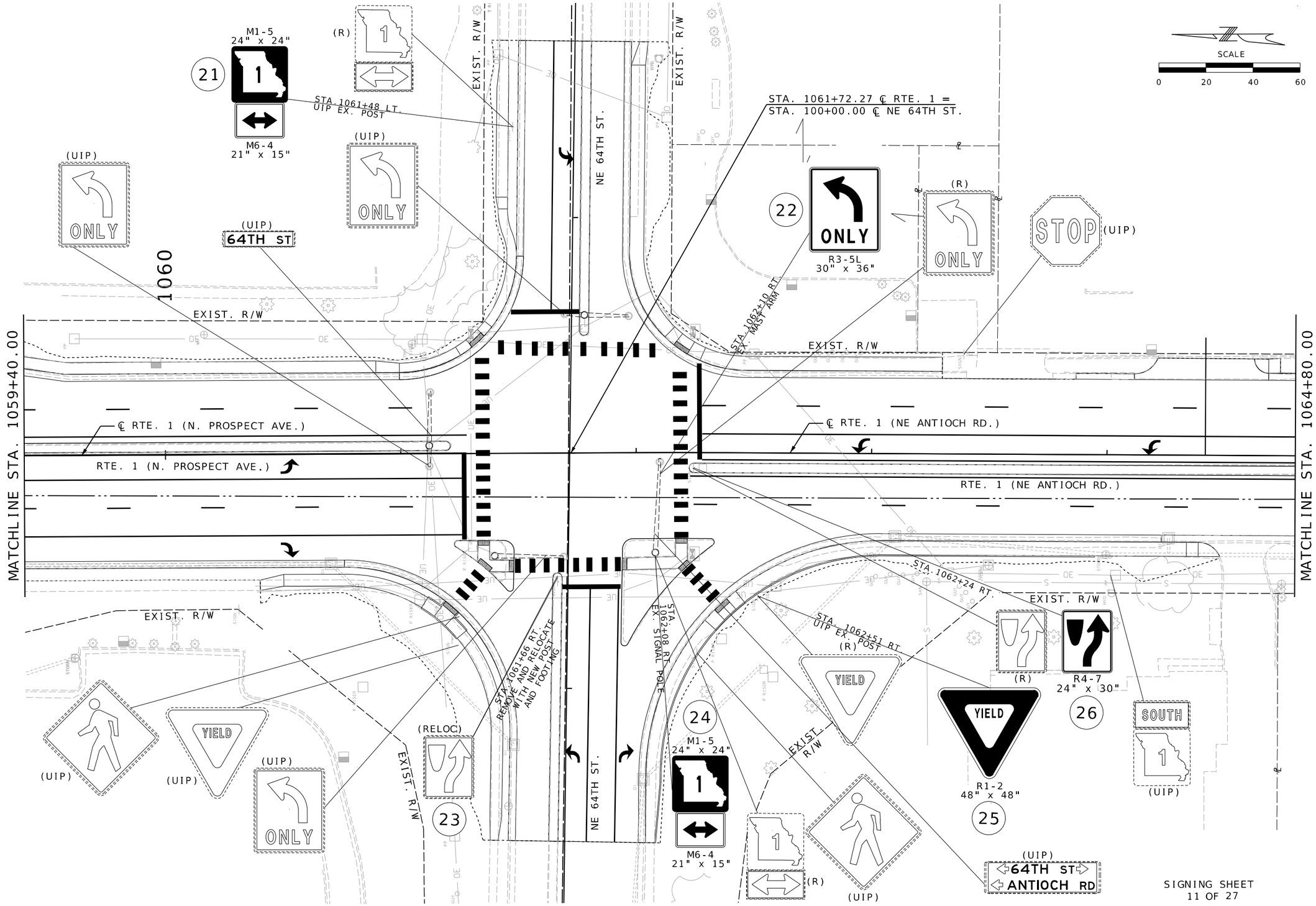
DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Hg Consult Inc engineers planners
911 NE 79th Street Kansas City, MO 64156 (816)914-2720
Hg CONSULT, INC.
PRO. ENGINEER 2010005873

240_SN_10_J4S3142_I20_Rte1.dgn 1:43:04 PM 3/3/2025



SIGNING SHEET
11 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	241
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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)

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

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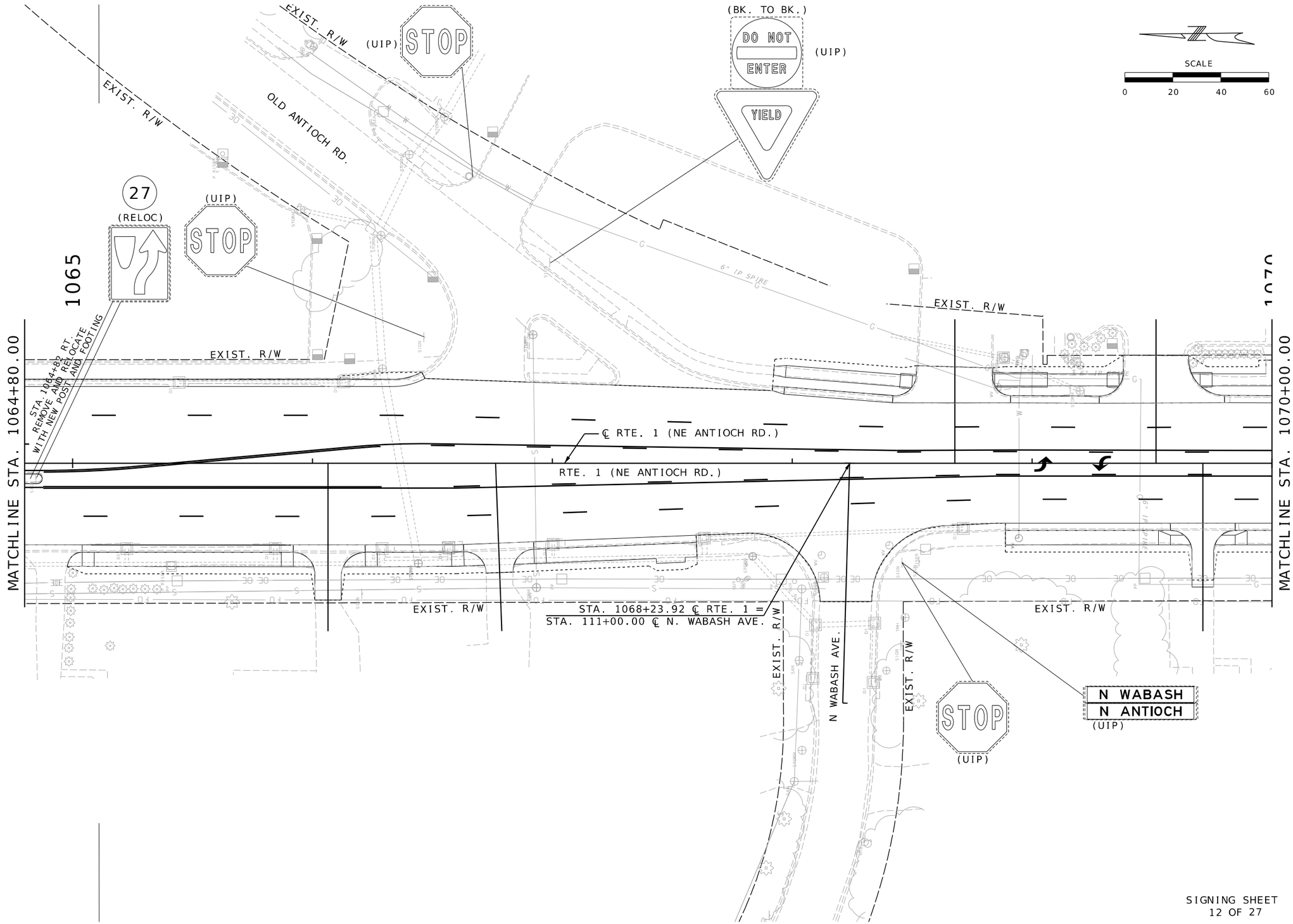

SIGNING SHEET
12 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/28/2025
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	242
COUNTY	CLAY
JOB NO.	J4S3412
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.
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242_SN_12_J4S3412_I20_Rte1.dgn 4:08:35 PM 3/28/2025

SCALE
0 20 40 60

MATCHLINE STA. 107+00.00

MATCHLINE STA. 1075+40.00

1075

(UIP) STOP

N. CHESTNUT AVE.

EXIST. R/W

N ANTIOCH
N CHESTNUT
(UIP)

(UIP) SPEED LIMIT 40

STA. 1072+96.43 ℄ RTE. 1 =
STA. 120+00.00 ℄ N. CHESTNUT AVE.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

STA. 1072+97.62 ℄ RTE. 1 =
STA. 130+00.00 ℄ NE 63RD PL.

STA. 1070+00 RT.
REMOVE AND RELOCATE WITH NEW POST AND FOOTING
(RELOCATED FROM STA. 1075+82, BELOW)

28

CENTER LANE
ONLY
(RELOC)

SPEED LIMIT 25 (UIP)

NO PARKING ANY TIME

NE 63RD PL.

EXIST. R/W

N 63RD PL
N ANTIOCH
(UIP)

STOP (UIP)

SPEED LIMIT 40 (UIP)

29

LEFT TURN YIELD ON GREEN
R10-12
30" x 36"

(R) LEFT TURN YIELD ON GREEN

(UIP) SHADY LN
BROOKTREE LN

STA. 1077+12 LT.
EX. MAST ARM

EXIST. R/W

(UIP)

EXIST. R/W

NE BROOKTREE LN.

Library (UIP)

NO PARKING ANY TIME

EXIST. ESMT.

EXIST. ESMT.

(UIP) ONLY

1080

SCALE
0 20 40 60

MATCHLINE STA. 1075+40.00

MATCHLINE STA. 1080+80.00

STA. 1077+56.10 ℄ RTE. 1 =
STA. 150+00.00 ℄ NE BROOKTREE LN.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

(RELOC) CENTER LANE ONLY

30

28

RELOCATE FROM STA. 1075+82 TO STA. 1070+00, ABOVE

M1-5
24" x 24"

M6-4
21" x 15"

STA. 1077+21 RT.
UIP EX. POST

EXIST. R/W

(R)

NE 61ST TERR.

STA. 1078+01 RT.
EX. MAST ARM

EXIST. R/W

31

BROOKTREE LN
SHADY LN
D3-1B
96" x 24"

STA. 1077+45.00 ℄ RTE. 1 =
STA. 140+00.00 ℄ NE 61ST TERR.

(R) BROOKTREE LN
SHADY LN

EXIST. R/W

SIGNING SHEET
13 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	243

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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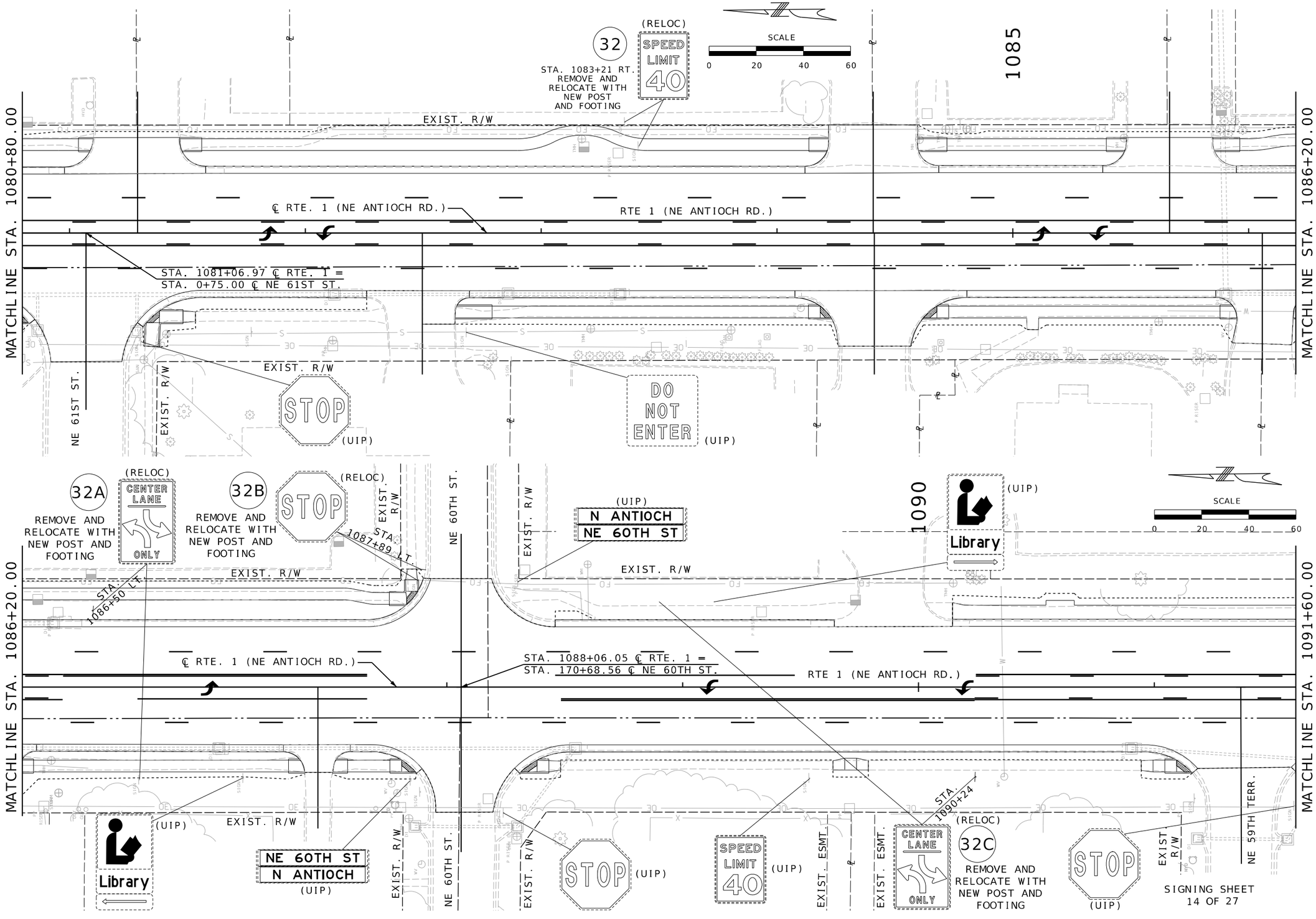
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

243_SN_13_J4S3412_I20_Rte1.dgn 4:09:00 PM 3/28/2025



SIGNING SHEET
14 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
3/28/2025	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	244

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

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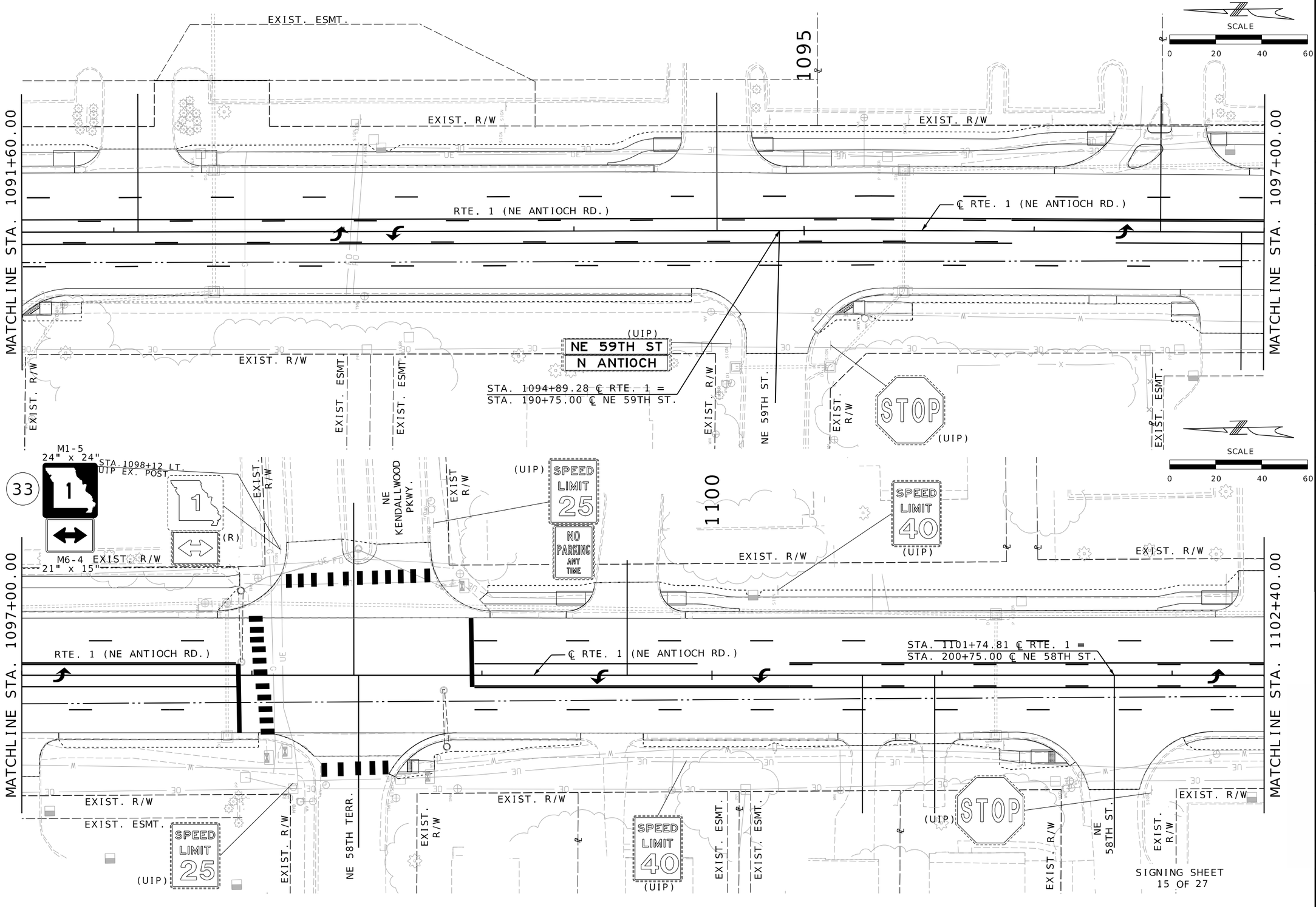


STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	245
COUNTY	CLAY
JOB NO.	J4S3412
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)

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

245_SN_15_J4S3142_I20_Rte1.dgn 1:45:19 PM 3/3/2025

MATCHLINE STA. 1102+40.00

MATCHLINE STA. 1107+80.00

MATCHLINE STA. 1107+80.00

MATCHLINE STA. 1113+20.00

(UIP) STOP

NE 57TH TERR
N ANTIOCH
(UIP)

EXIST. R/W

NE 57TH TERR.

EXIST. R/W

1105

(UIP) SPEED LIMIT 25

NO PARKING ANY TIME

(UIP) CENTER LANE ONLY

34

R7-1
18" X 24"

NO PARKING ANY TIME (R)

EXIST. ESMT.

STA. 1107+37 LT
UIP EX. POST

SCALE
0 20 40 60

STA. 1104+67.60 ℄ RTE. 1 =
STA. 210+00.00 ℄ NE 57TH TERR.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

STA. 1105+07.78 ℄ RTE. 1 =
STA. 220+00.00 ℄ NE 57TH TERR.

EXIST. R/W

(UIP)
NE 57TH TER
N ANTIOCH

EXIST. R/W

NE 57TH TERR.

EXIST. R/W

(UIP) STOP

EXIST. R/W

(UIP)

SCALE
0 20 40 60

(UIP) TRFFICITY USA

EXIST. ESMT.

(UIP) SPEED LIMIT 40

EXIST. R/W

1110

(UIP) STOP

STA. 1111+15.47 ℄ RTE. 1 =
STA. 230+00.00 ℄ NE 56TH TERR.

EXIST. R/W

NE 56TH TERR.

EXIST. R/W

(UIP)
NE 56TH TER
N ANTIOCH

EXIST. R/W

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

EXIST. R/W

EXIST. ESMT.

EXIST. ESMT.

EXIST. R/W

SIGNING SHEET
16 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

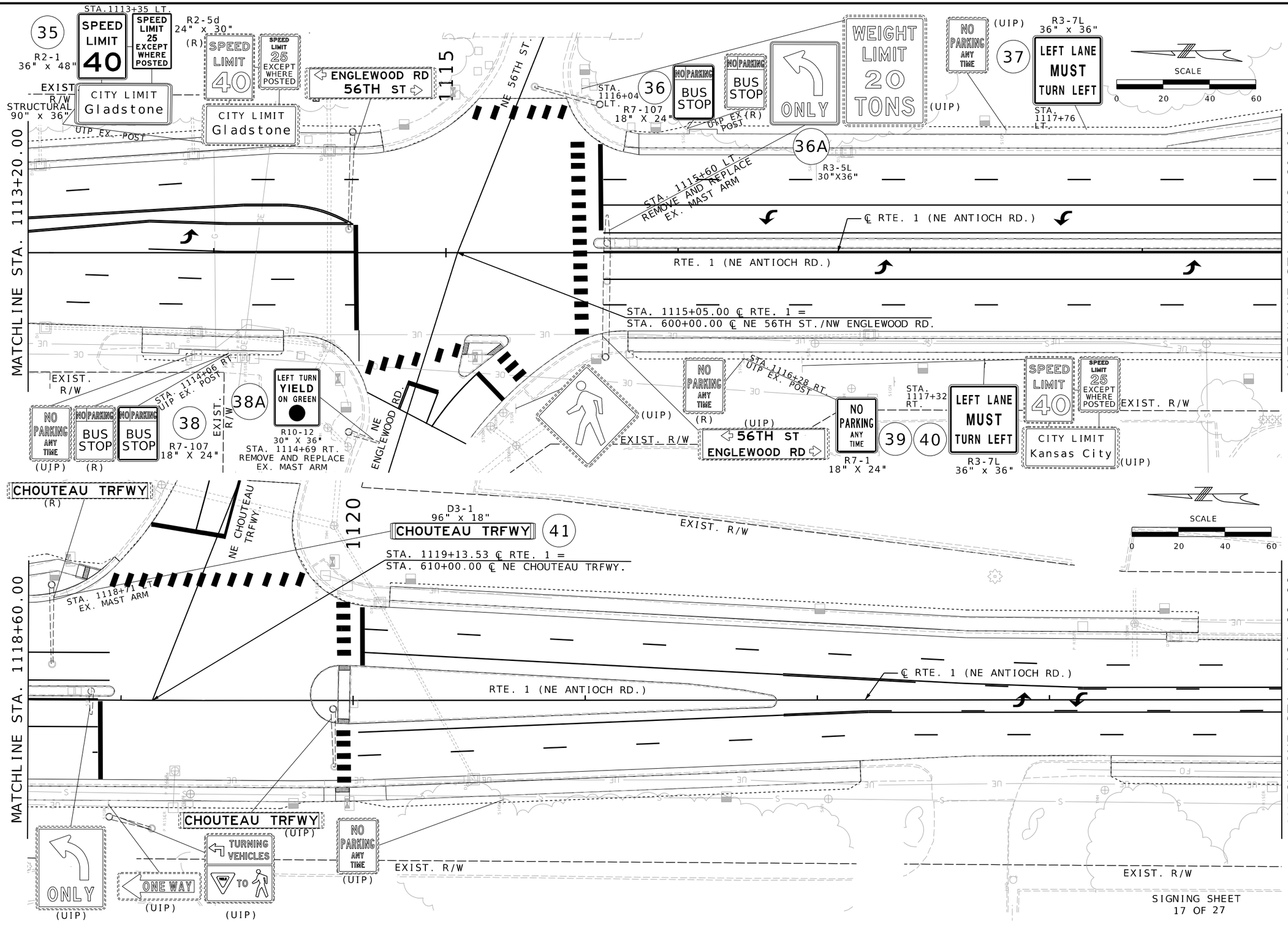
DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	246
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

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

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

246_SN_16_J4S3412_I20_Rte1.dgn 4:09:54 PM 3/28/2025



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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	247
COUNTY	CLAY
JOB NO.	J4S3412
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)

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

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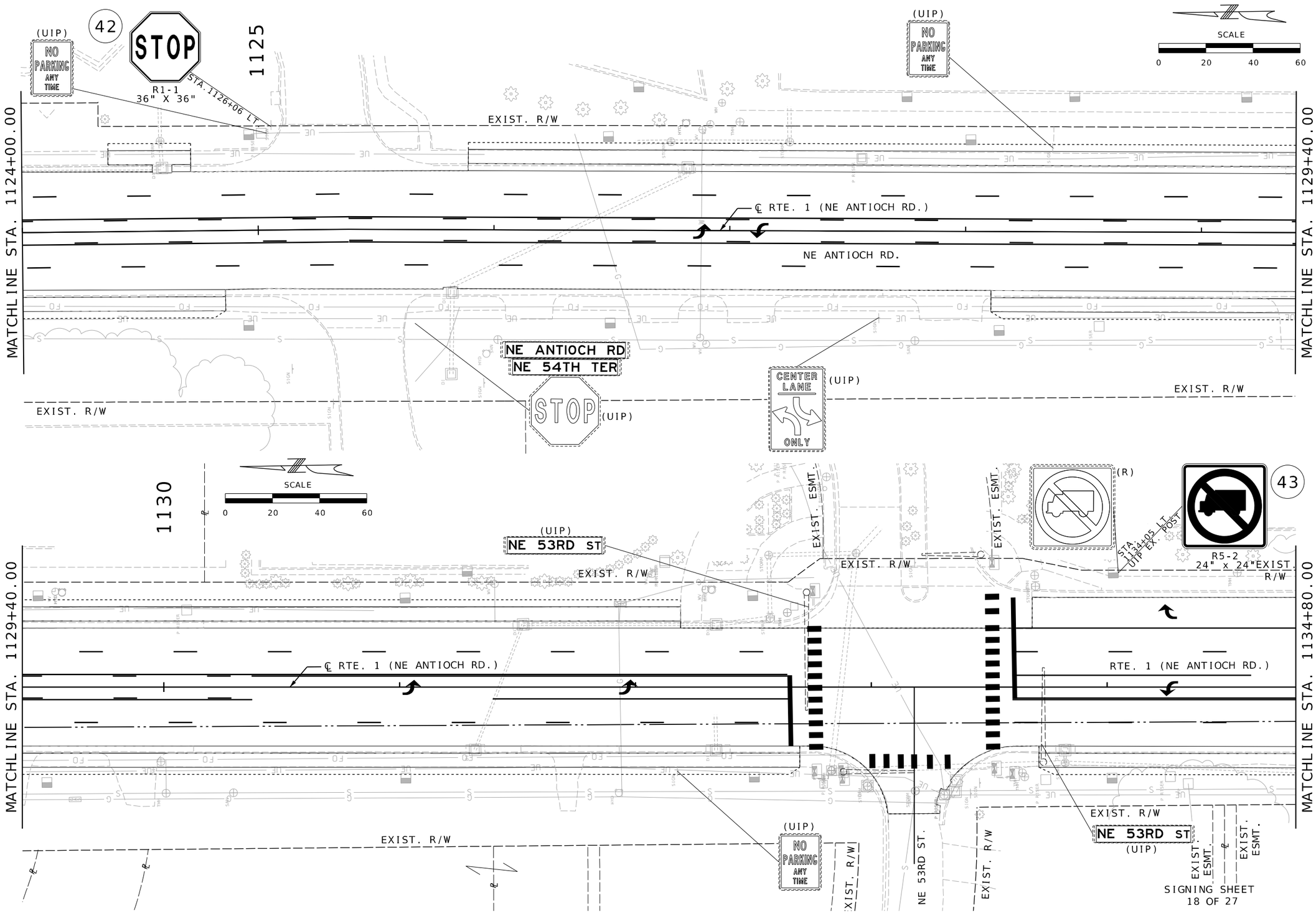

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	248

COUNTY
CLAY

JOB NO.
J4S3412

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

Hg Consult Inc engineers planners

911 NE 79th Street Kansas City, MO 64156 (816)913-4720

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

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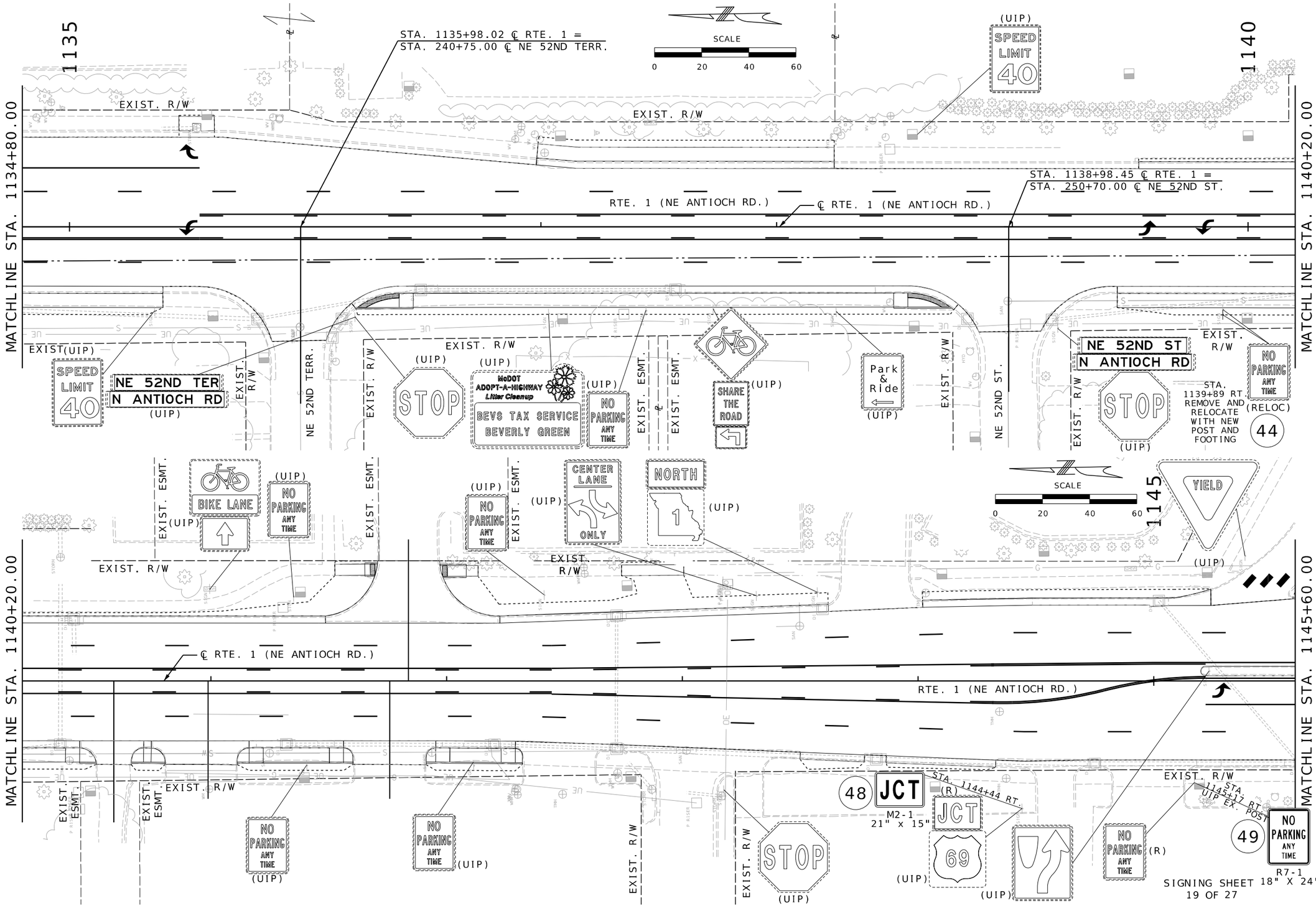

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	3/3/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	249
COUNTY	CLAY
JOB NO.	J4S3412
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)

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

(UIP) (UIP) (UIP) (

SCALE

0 20 40 60

NE STA. 1151+00.00

MATCHLINE

EXIST. R/W

(UIP) JCT 69

NE 50TH ST
NE ANTIOCH RD
(UIP) STOP

EXIST. R/W

1155 NE 50TH ST.

EXIST. R/W

STA. 1155+05.01 ℄ RTE. 1 =
STA. 270+00.00 ℄ NE 50TH ST.

EXIST. R/W

NE STA. 1156+40.00

MATCHLINE

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

STA. 1154+69.68 ℄ RTE. 1 =
STA. 260+75.00 ℄ NE 50TH ST.

EXIST. R/W

EXIST. R/W

EXIST. R/W

NE PENCE AVE.

EXIST. R/W

EXIST. R/W

SOUTH 1 (UIP)

NE PENCE AVE
NE ANTIOCH RD
(UIP)

STOP (UIP)

SPEED LIMIT 40 (UIP)

SIGNING SHEET
21 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	251

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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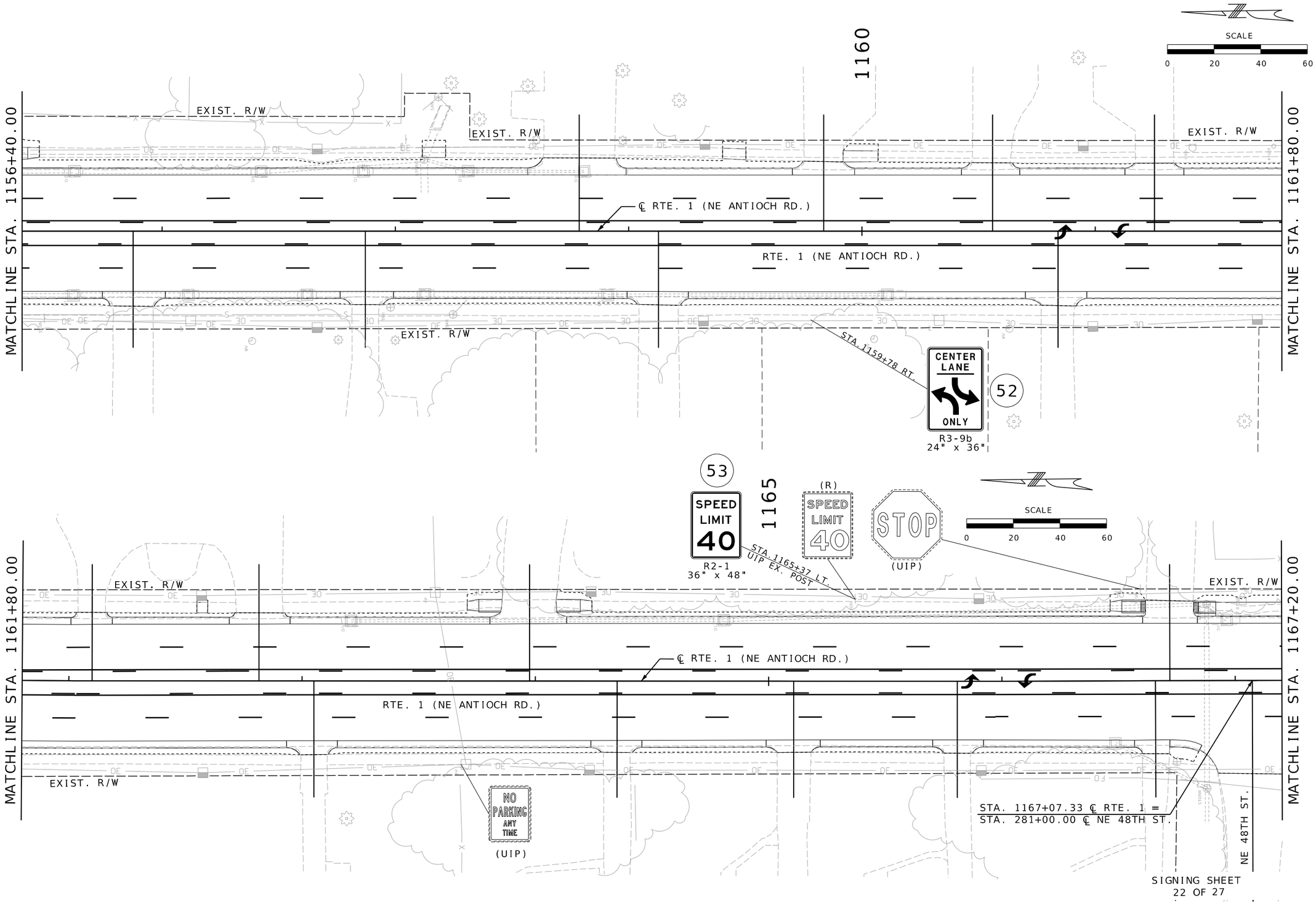
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

251_SN_21_J4S3142_I20_Rte1.dgn 1:48:35 PM 3/3/2025



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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	252
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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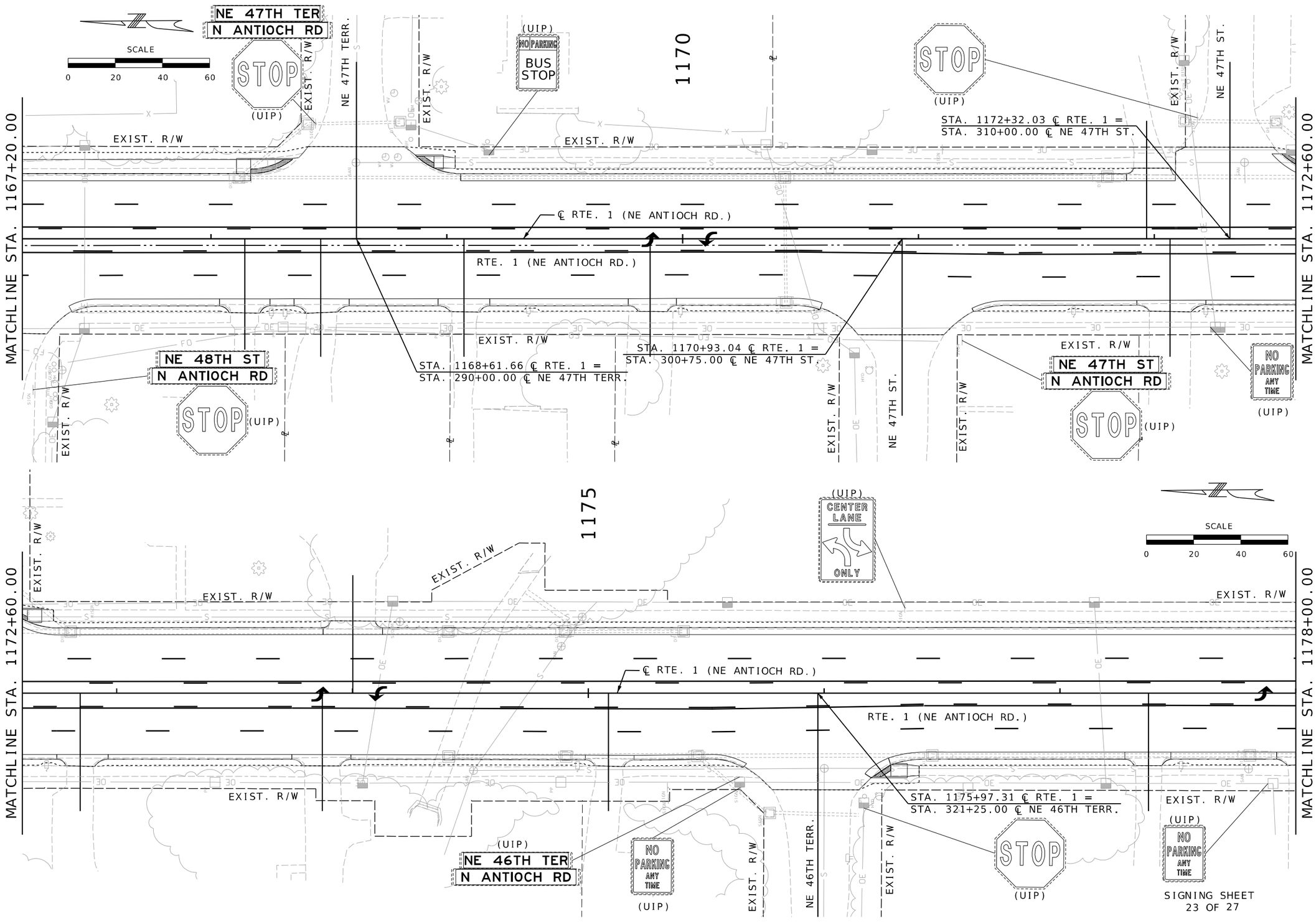
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

252_SN_22_J4S3412_I20_Rte1.dgn 4:10:26 PM 3/28/2025



SIGNING SHEET
23 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	253

COUNTY
CLAY

JOB NO.
J4S3412

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

253_SN_23_J4S3142_I20_Rte1.dgn 1:49:37 PM 3/3/2025

MATCHLINE STA. 1178+00.00

MATCHLINE STA. 1183+40.00

(UIP) SPEED LIMIT 40

(R) NO PARKING ANY TIME

NO PARKING ANY TIME 55

R7-1
18" X 24"

STA. 1178+86 LT.
UIP EX. POST

NE 46TH ST
N ANTIOCH RD

STOP (UIP)

EXIST. R/W

NE 46TH ST.

1180

NO PARKING BUS STOP (R)

NO PARKING BUS STOP 56

R7-107
18" X 24"

STA. 1180+66 LT.
UIP EX. POST

SCALE
0 20 40 60

EXIST. R/W

STA. 1179+79.72 ℄ RTE. 1 =
STA. 340+00.00 ℄ NE 46TH ST.

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

EXIST. R/W

NE 46TH ST
N ANTIOCH RD

STA. 1179+75.47 ℄ RTE. 1 =
STA. 330+75.00 ℄ NE 46TH ST.

EXIST. R/W

STOP (UIP)

NO PARKING ANY TIME (UIP)

(UIP) SPEED LIMIT 40

EXIST. R/W

MATCHLINE STA. 1183+40.00

MATCHLINE STA. 1188+80.00

STOP (UIP)

EXIST. R/W

NE 45TH ST.

57

(R) NO PARKING BUS STOP

NO PARKING BUS STOP

1185

STA. 1184+51 LT.
UIP EX. 18" X 24" R7-107
POST

(UIP) NE 45TH ST
N ANTIOCH RD

EXIST. R/W

(UIP) NO PARKING ANY TIME

(UIP) MoDOT ADOPT-A-HIGHWAY Litter Cleanup
ADOPTER NAME

EXIST. R/W

RTE. 1 (NE ANTIOCH RD.)

℄ RTE. 1 (NE ANTIOCH RD.)

STA. 1184+27.54 ℄ RTE. 1 =
STA. 350+00.00 ℄ NE 45TH ST.

SCALE
0 20 40 60

JCT INTERSTATE 35 58 (UIP)

RIGHT LANE MUST TURN RIGHT
R3-7R
36" X 36"

STA. 1186+95 RT.
UIP EX. POST

RIGHT LANE MUST TURN RIGHT (R)

(UIP) MoDOT ADOPT-A-HIGHWAY Litter Cleanup
ADOPTER NAME

EXIST. R/W

NORTH INTERSTATE 35

SOUTH INTERSTATE 35

(UIP)

SIGNING SHEET
24 OF 27

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	254

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

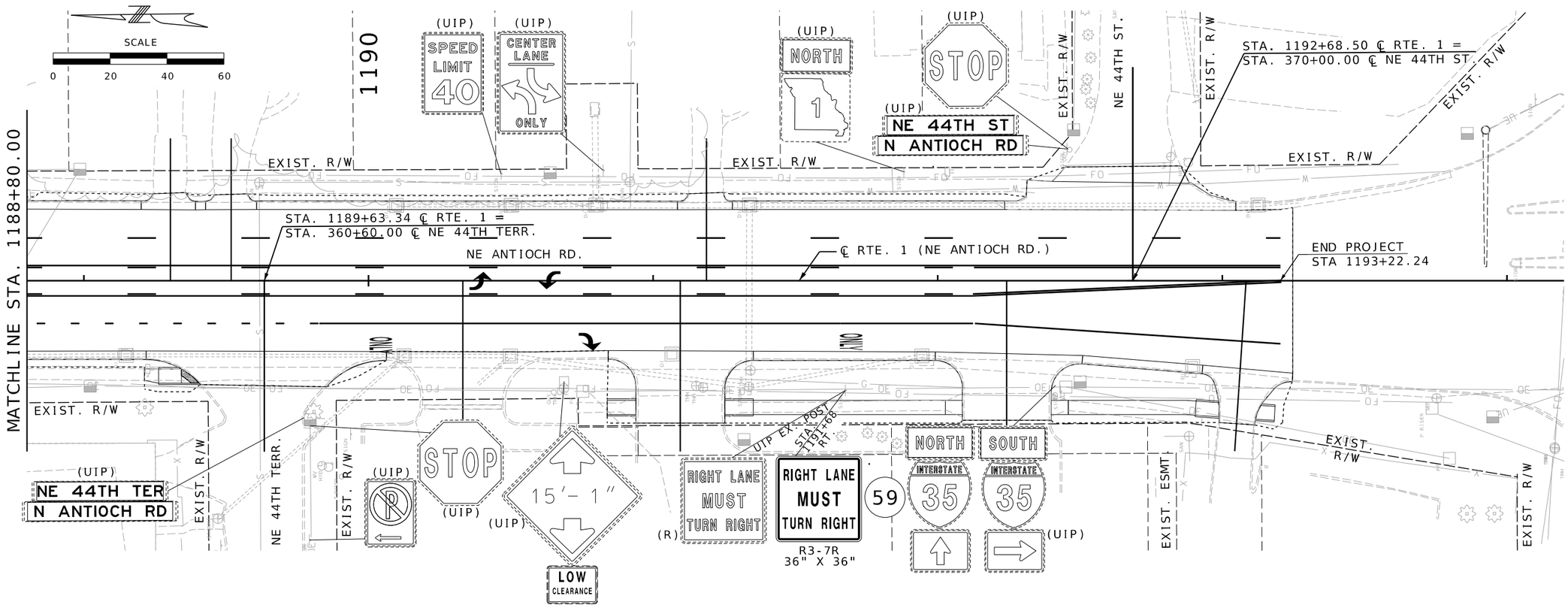
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

254_SN_24_J4S3142_I20_Rte1.dgn 1:50:10 PM 3/3/2025



SIGNING SHEET
25 OF 27

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	255

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

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

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						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
																							2-INCH POST						2.5-INCH POST							
																									TOTAL	ANCHORS				TOTAL	2.25"	ANCHORS					
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	ITEM NO. 9031280	INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH	
4	36" x 36"	1009+66		RT																			14				1									PEDESTRIAN CROSSING
6	24" x 36"	1014+30		RT																			14				1									TWLTL
7	24" x 36"	1016+80		LT																			14				1									TWLTL
10	36" x 36"	1021+42		RT																			14				1									STOP SIGN
11	48" TRI	1021+81		RT																			15				1									YIELD
11A	36" x 36"	1021+65		RT																			14				1									PEDESTRIAN CROSSING
13	24" x 36"	1027+77		RT																			14				1									TWLTL
14	36" x 36"	1032+55		LT																			14				1									STOP SIGN
15	24" x 36"	1039+40		LT																			14				1									TWLTL
16	24" x 36"	1039+91		RT																			14				1									TWLTL
17	24" x 36"	1049+14		LT																			14				1									TWLTL
19A	36" x 36"	1052+10		RT																			14				1									STOP SIGN
20	36" x 36"	1057+74		LT																			14				1									STOP SIGN
23	24" x 30"	1061+66		RT																			13.5				1									KEEP RIGHT
26	24" x 30"	1062+24		RT																			13.5				1									KEEP RIGHT
27	24" x 30"	1065+11		RT																			13.5				1									KEEP RIGHT
28	24" x 36"	1070+00		RT																			14				1									CENTER LANE LEFT ONLY
32	30" x 42"	1083+21		LT																			14				1									SPEED LIMIT
32A	24" x 36"	1086+50		LT																			14				1									TWLTL
32B	36" x 36"	1087+89		LT																			14				1									STOP SIGN
32C	24" x 36"	1090+24		RT																			14				1									TWLTL
37	36" x 36"	1117+76		LT																			14				1									LEFT LANE MUST TURN LEFT
40	36" x 36"	1117+32		RT																			14				1									LEFT LANE MUST TURN LEFT
42	36" x 36"	1126+06		LT																			14				1									STOP SIGN
44	12" x 18"	1139+89		RT																			12.5				1									NO PARKING ANY TIME
45	12" x 18"	1142+41		LT																			12.5				1									NO PARKING ANY TIME
46	24" x 36"	1143+31		LT																			14				1									CENTER LANE LEFT ONLY
47	ASMBLY	1143+57 1143+57		LT LT																			14				1									NORTH PLAQUE STATE ROUTE SIGN
52	24" x 36"	1159+78		RT																			14				1									TWLTL
53	30" x 36"	1165+37		LT																			14				1									SPEED LIMIT
58	36" x 36"	1186+95		RT																			14				1									RIGHT LANE MUST TURN RIGHT
59	36" x 36"	1191+68		RT																			14				1									RIGHT LANE MUST TURN RIGHT
				SUBTOTAL																					445		32									
				TOTAL																	**															

*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 (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE 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 DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 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 SHEET
26 OF 27

D-29

EFFECTIVE: 07-01-2024

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	256

COUNTY
CLAY

JOB NO.
J4S3412

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

STANDARD SIGN ASSEMBLIES

SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH

SIGN NO.	STATION OR LOG MILE	LOCATION	D3-1	R1-2	W11-2	R3-9b	R1-1	R10-13	M1-5	M6-4	R3-5L	R4-7	R10-12	D3-1B	R7-1	R2-1	R2-5d	STRUC.	R7-107	R3-7L	D3-1	R5-2	M2-1	D3-1	R3-7R
			72ND ST	YIELD		CENTER LANE ONLY	STOP	EMERGENCY SIGNAL	1		ONLY		LEFT TURN YIELD ON GREEN	DROP/TREE IN SHADY IN	NO PARKING ANY TIME	SPEED LIMIT 40	SPEED LIMIT 25 EXCEPT WHERE POSTED	CITY LIMIT Gladstone	NO PARKING BUS STOP	LEFT LANE MUST TURN LEFT	MOUNTAIN VIEW		JCT	ANTIOCH RD	RIGHT LANE MUST TURN RIGHT
2	1009+59	RT	84" x 18"																						
3	1009+81	RT		48" TRI																					
4	1009+66	RT			36" x 36"																				
6	1014+30	RT				24" x 36"																			
7	1016+80	LT				24" x 36"																			
10	1021+42	LT					36" x 36"																		
13	1027+77	RT				24" x 36"																			
15	1039+40	LT				24" x 36"																			
16	1039+91	RT				24" x 36"																			
17	1049+14	LT				24" x 36"																			
18	1051+42	RT						36" x 24"																	
19	1050+77	LT						36" x 24"																	
20	1057+74	LT					36" x 36"																		
21	1061+48	LT							24" x 24"	21" x 15"															
22	1062+10	RT									30" x 36"														
24	1062+08	RT							24" x 24"	21" x 15"															
25	1062+51	RT		48" TRI																					
26	1062+24	RT										24" x 30"													
29	1077+12	LT											30" x 36"												
30	1077+21	RT							24" x 24"	21" x 15"															
31	1078+01	RT												96" x 24"											
33	1098+12	LT							24" x 24"	21" x 15"															
34	1107+37	LT													18" x 24"										
35	1113+35	LT														36" x 48"	24" x 30"	90" X 36"							
36	1116+04	LT																	18" x 24"						
36A	1115+60	LT									30" x 36"														
37	1117+76	LT																		36" x 36"					
38	1114+06	RT																	18" x 24"						
38A	1114+69	RT											30" x 36"												
39	1116+28	RT													18" x 24"										
40	1117+32	RT																		36" x 36"					
41	1118+71	LT																			96" x 18"				
42	1126+06	LT					36" x 36"																		
43	1134+05	LT																				24" x 24"			
48	1144+44	RT																					21" x 15"		
49	1145+17	RT													18" x 24"										
50	1147+29	LT		48" TRI																					
51	1147+40	RT																						96" x 18"	
52	1159+78	RT				24" x 36"																			
53	1165+37	LT														36" x 48"									
55	1178+86	LT													18" x 24"										
56	1180+66	LT																	18" x 24"						
57	1184+51	LT																	18" x 24"						
58	1186+95	RT																							36" x 36"
59	1191+68	RT																							36" x 36"
		TOTALS	1	3	1	7	3	2	4	4	2	1	2	1	4	2	1	1	4	2	1	1	1	1	2

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
D3-1		1	84" x 18"	10.5			
R1-2		3	48" TRI	20.79			
W11-2		1	36" x 36"		9		
R3-9b		7	24" x 36"	42			
R1-1		3	36" x 36"	43.5			
R10-13		2	36" x 24"	12			
M1-5		4	24" x 24"	16			
M6-4		4	21" x 15"	8.75			
R3-5L		2	30" x 36"	15			
R4-7		1	24" x 30"	5			
R10-12		2	30" x 36"	15			
D3-1B		1	96" x 24"	16			
R7-1		4	18" x 24"	12			
R2-1		2	36" x 48"	24			
R2-5d		1	24" x 30"	5			
STRUC.		1	90" x 36"			22.5	
R7-107		4	18" x 24"	12			
R3-7L		2	36" x 36"	18			
D3-1		1	96" x 18"	12			
R5-2		1	24" x 24"	4			
M2-1		1	21" x 15"	2.19			
D3-1		1	96" x 18"	12			
R3-7R		2	36" x 36"	18			
TOTALS				332.7	9	22.5	

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNING SHEET
27 OF 27

D-30

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	257

COUNTY
CLAY

JOB NO.
J4S3412

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

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.

PAVEMENT MARKING SHALL BE WATERBORNE PAINT WITH TYPE P BEADS.

ALL LINEAR PAVEMENT MARKING SHALL BE 4" STRIPING.

SCALE
0 20 40 60

EXIST. ESMT.
EXIST. R/W
NE 72ND ST.
STA. 1009+79
BEGIN S.W.
BEGIN I.W.
BEGIN STOP BAR
1010
49'x24" S.W. STOP BAR
S.W.
I.W.
+52
12' LANE WIDTH
6' BUFFER
D.S.Y.
MATCHLINE STA. 1010+80.00
13 - 6'x30" PREFORMED S.W. MIDBLOCK
℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)
3 - 6'x30" PREFORMED S.W. MIDBLOCK
NE 72ND ST
STA. 1009+82
BEGIN D.S.Y.
STA. 1010+50
BEGIN S.W.
BEGIN I.W.

PAVEMENT MARKING SHEET
1 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	258

COUNTY
CLAY
JOB NO.
J4S3412
CONTRACT ID.
.
PROJECT NO.
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BRIDGE NO.
.

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)

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

258_PM_01_J4S3412_I20_Rte1.dgn 2:58:04 PM 3/28/2025

SCALE
0 20 40 60

MATCHLINE STA. 1010+80.00

MATCHLINE STA. 1016+20.00

EXIST. ESMT.
EXIST. R/W
EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.

STA. 1013+19 BEGIN/TAPER D.S.Y. TAPER S.W.
STA. 1013+64 END S.W. END S.W.
STA. 1014+54 END/TAPER D.S.Y. BEGIN I.Y. BEGIN S.Y.

1015

S.W.
I.W.
D.S.Y.
I.Y.
S.Y.

+52
+48
+64

12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH

℄ RTE. 1 (N. PROSPECT AVE.)
6' BUFFER
RTE. 1 (N. PROSPECT AVE.)

D.S.Y.
I.W.
S.Y.
I.Y.

STA. 1014+54 END D.S.Y. BEGIN I.Y. BEGIN S.Y.

EXIST. R/W
EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.

PAVEMENT MARKING SHEET
2 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	259

COUNTY
CLAY

JOB NO.
J4S3412

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

259_PM_02_J4S3412_I20_Rte1.dgn 2:58:25 PM 3/28/2025

SCALE
0 20 40 60

EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
EXIST. R/W

STA. 1021+24.03 ℄ RTE. 1 =
STA. 20+00.00 ℄ NE 70TH ST.

NE 70TH ST.

1020

STA. 1020+75
END D.S.Y.

STA. 1018+46
END/TAPER D.S.Y.

STA. 1016+63
END S.Y.
END I.Y.
BEGIN D.S.Y.

MATCHLINE STA. 1016+20.00

S.Y.
I.Y.
I.W.
D.S.Y.
D.S.Y.

12' LANE WIDTH
12' LANE WIDTH
℄ RTE. 1 (N. PROSPECT AVE.)
RTE. 1 (N. PROSPECT AVE.)

+08
+03

12' LANE WIDTH
6' BUFFER
12' LANE WIDTH
12' LANE WIDTH

MATCHLINE STA. 1021+60.00

S.Y.
I.Y.
D.S.Y.
S.W.
I.W.

STA. 1016+63
END S.Y.
END I.Y.
BEGIN/TAPER D.S.Y.

STA. 1017+94
BEGIN S.W.
BEGIN/TAPER S.W.

STA. 1018+66
END TAPER S.W

STA. 1020+75
END S.W.
END S.W.

7 - 6'x30"
PREFORMED
S.W. MIDBLOCK

STA. 1021+24
BEGIN 30'
E.B. D.S.Y.
BEGIN STOP BAR

12'X24" S.W.
STOP BAR

EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
EXIST. R/W

NE 70TH ST.

PAVEMENT MARKING SHEET
3 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	260

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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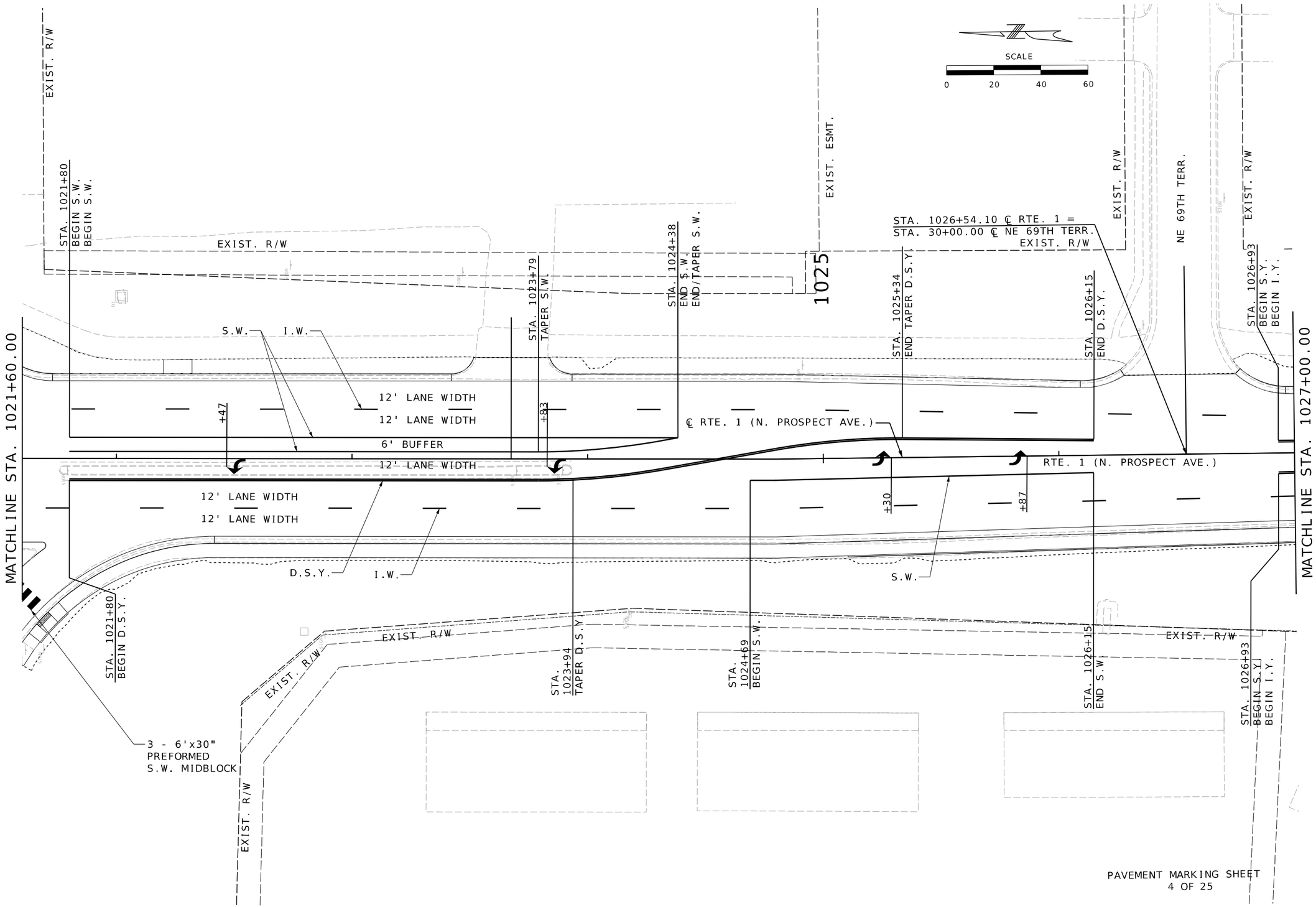
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

260_PM_03_J4S3412_I20_Rte1.dgn 2:58:54 PM 3/28/2025



PAVEMENT MARKING SHEET
4 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

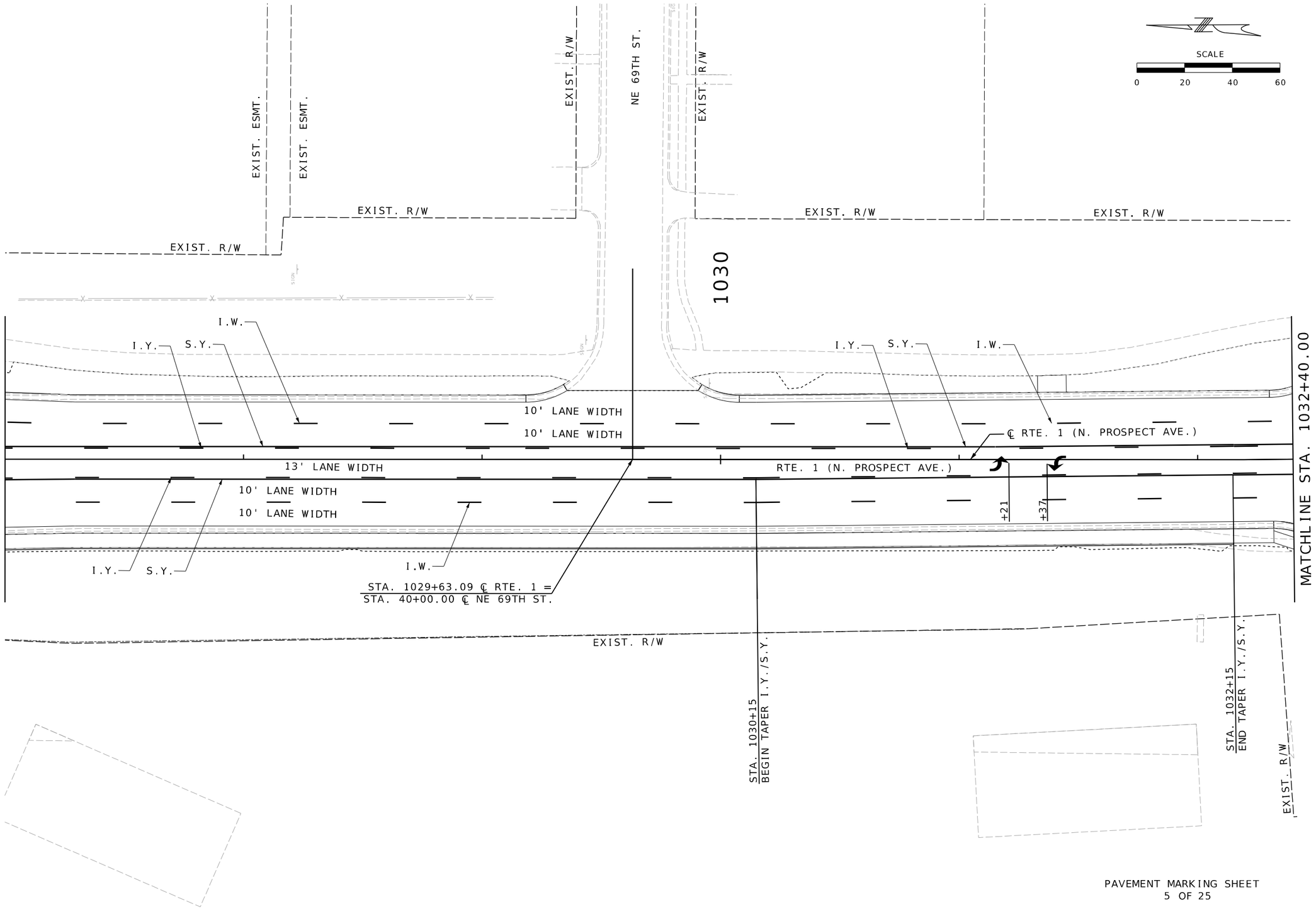
DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	261
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

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

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

261_PM_04_J4S3412_I20_Rte1.dgn 2:59:26 PM 3/28/2025



PAVEMENT MARKING SHEET
5 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	262

COUNTY
CLAY

JOB NO.
J4S3412

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

262_PM_05_J4S3412_I20_Rte1.dgn 3:00:14 PM 3/28/2025

EXIST. R/W

NE 68TH TERR.

EXIST. R/W

EXIST. R/W

SCALE

0 20 40 60

STA. 1032+80.41 ℄ RTE. 1 =
STA. 60+00.00 ℄ NE 68TH TERR.

1035

I.Y. S.Y. I.W.

MATCHLINE STA. 1032+40.00

MATCHLINE STA. 1037+80.00

10' LANE WIDTH

10' LANE WIDTH

℄ RTE. 1 (N. PROSPECT AVE.)

12' LANE WIDTH

RTE. 1 (N. PROSPECT AVE.)

10' LANE WIDTH

10' LANE WIDTH

+21

+37

I.Y. S.Y. I.W.

STA. 1032+79.55 ℄ RTE. 1 =
STA. 60+00.00 ℄ NE 68TH ST.

EXIST. R/W

EXIST. R/W

NE 68TH ST.

EXIST. R/W

PAVEMENT MARKING SHEET
6 OF 25

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	263

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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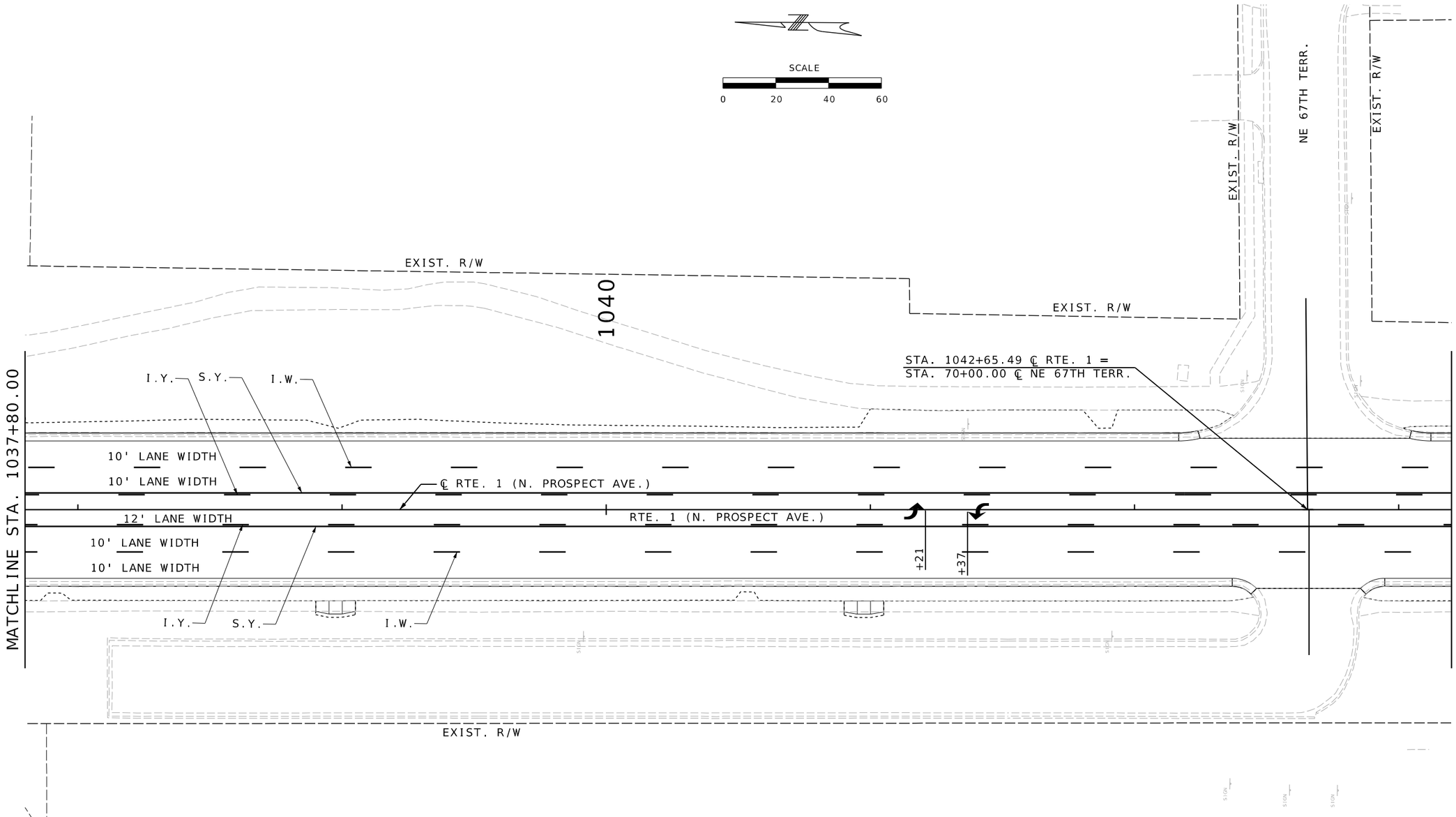
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

263_PM_06_J4S3412_I20_Rte1.dgn 3:00:50 PM 3/28/2025



PAVEMENT MARKING SHEET
7 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	264

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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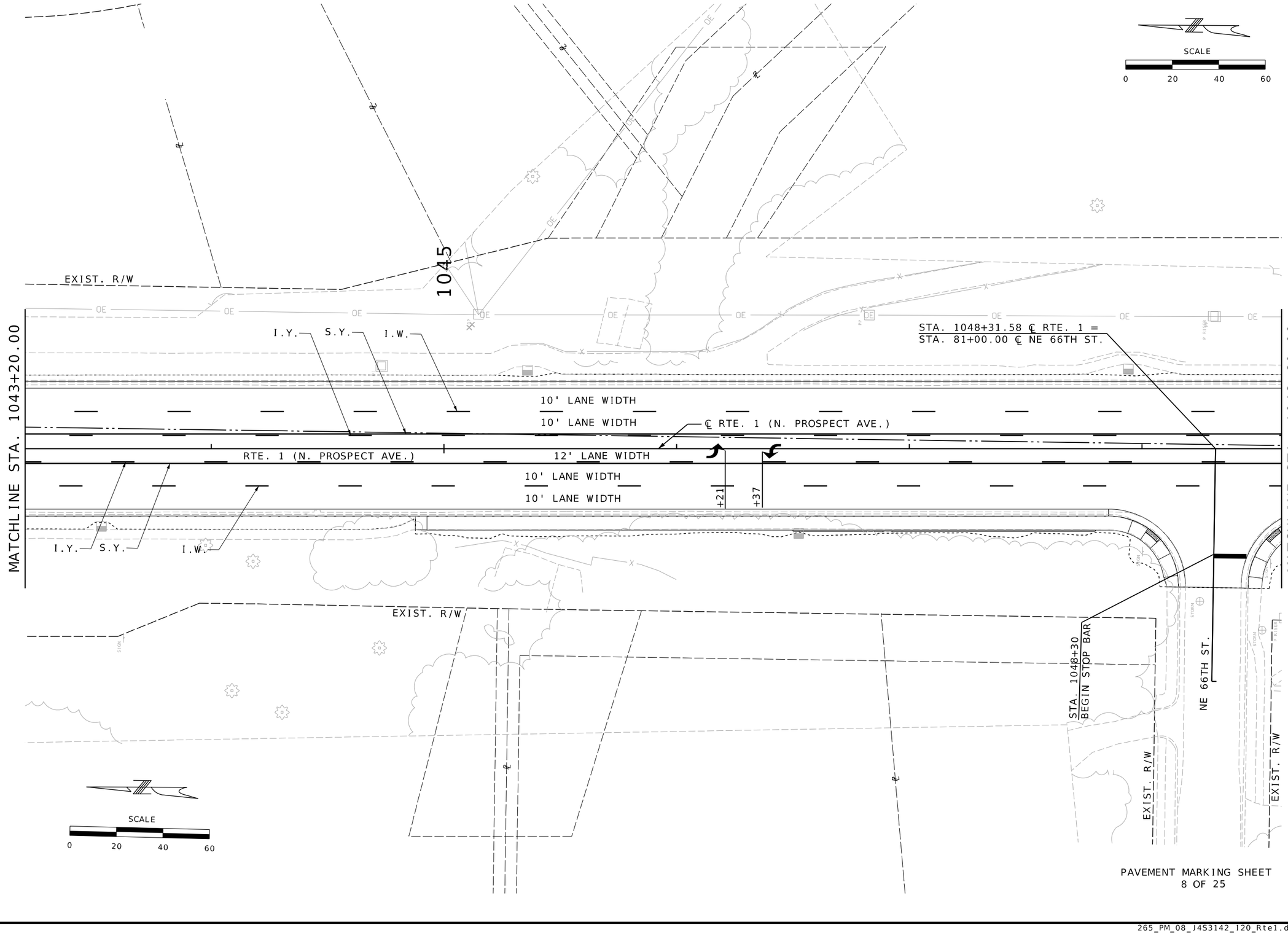
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



PAVEMENT MARKING SHEET
8 OF 25

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	265

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

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

SCALE
0 20 40 60

MATCHLINE STA. 1048+60.00

RTE. 1 (N. PROSPECT AVE.)

EXIST. R/W

1050

I.Y. S.Y. I.W.

STA. 1050+73
END I.W.
END S.Y.
END I.Y.

STA. 1051+82.35 ℄ RTE. 1 =
STA. 90+00.00 ℄ NE 65TH TERR.

11 - 10'x30" PREFORMED
S.W. MIDBLOCK

STA. 1052+13
BEGIN I.W.
BEGIN S.Y.
BEGIN I.Y.
BEGIN STOP BAR

32'X24" S.W.
STOP BAR

STA. 1053+82
TAPER I.W.
TAPER S.Y.
TAPER I.Y.

+55 +71 +48 +64

10' LANE WIDTH
10' LANE WIDTH
12' LANE WIDTH
10' LANE WIDTH
10' LANE WIDTH

I.W. I.Y. S.Y.

20'X24" S.W.
STOP BAR

℄ RTE. 1 (N. PROSPECT AVE.)

MATCHLINE STA. 1054+00.00

EXIST. R/W

STA. 1050+73
END S.Y.
END I.Y.
END I.W.
END STOP BAR

NE 65TH TERR.

STA. 1052+15
BEGIN S.Y.
BEGIN I.Y.
BEGIN I.W.

EXIST. R/W

SCALE
0 20 40 60

PAVEMENT MARKING SHEET
9 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	266

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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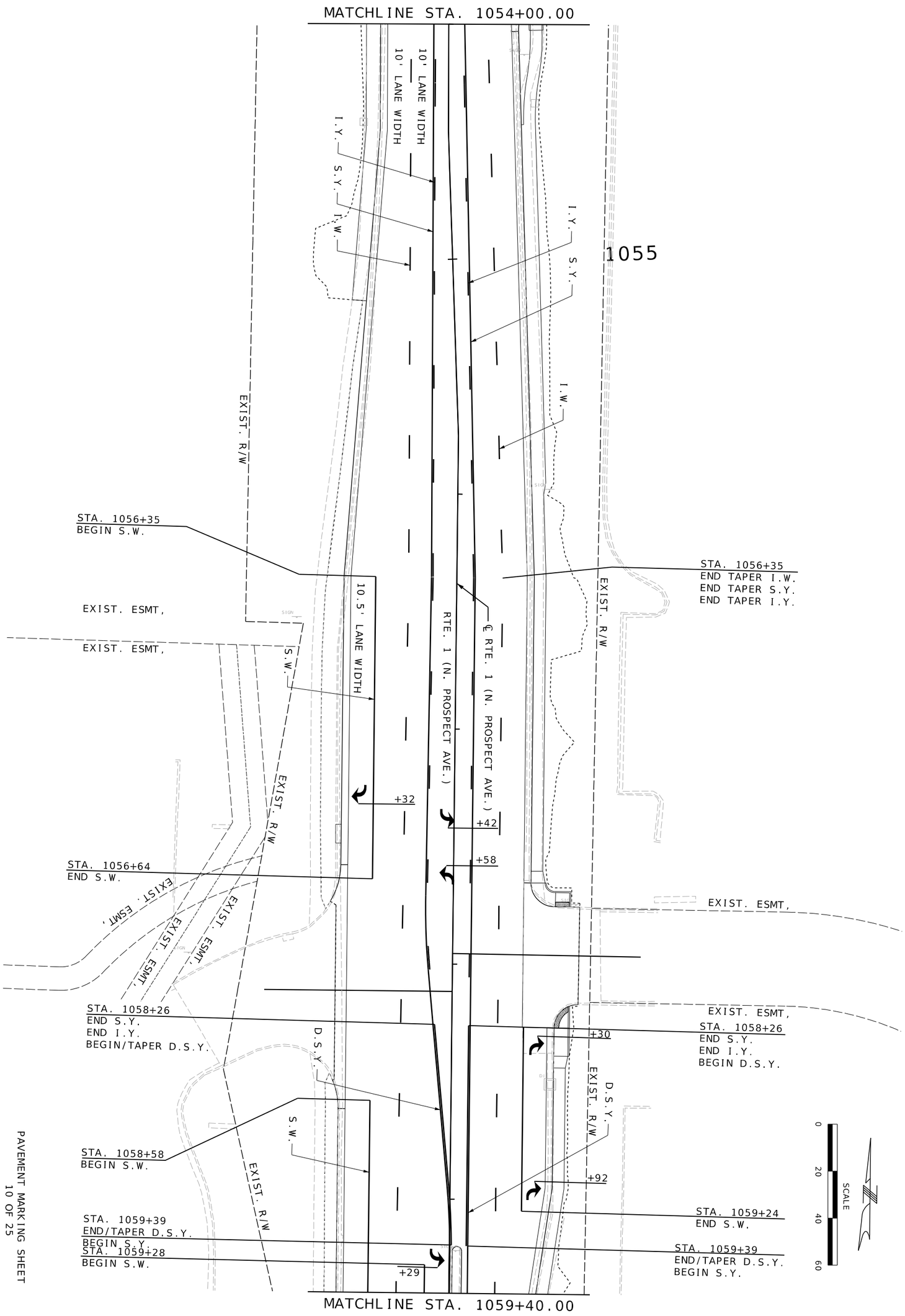
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

266_PM_09_J4S3412_I20_Rte1.dgn 3:01:29 PM 3/28/2025



PAVEMENT MARKING SHEET
10 OF 25

Hg Consult Inc engineers planners
9111 NE 79th Street; Kansas City, MO 64158; (816)912-4720
HG CONSULT, INC.
PRO. ENGINEER 2010000873

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

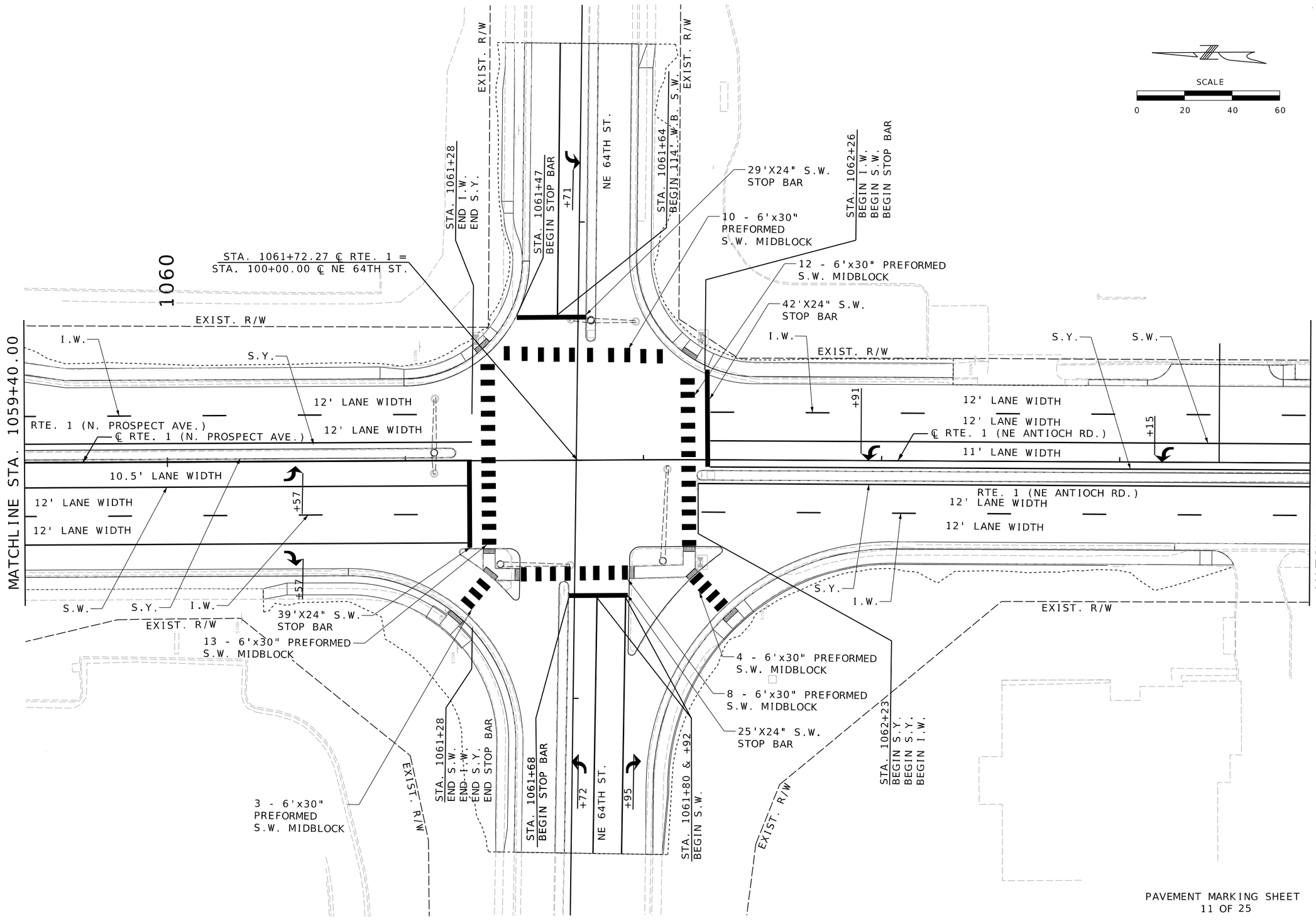
DATE	DESCRIPTION

BRIDGE NO.
PROJECT NO.
JOB NO. J4S3412
CONTRACT ID.
COUNTY CLAY
DISTRICT KC
ROUTE 1
SHEET NO. 267
STATE MO
DATE PREPARED 3/3/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
ERIC REINEMEYER
NUMBER PE-2009006946
PROFESSIONAL ENGINEER

267_PM_10_J4S3142_120_Rte1.dgn 1:34:21 PM 3/3/2025



PAVEMENT MARKING SHEET
11 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	268

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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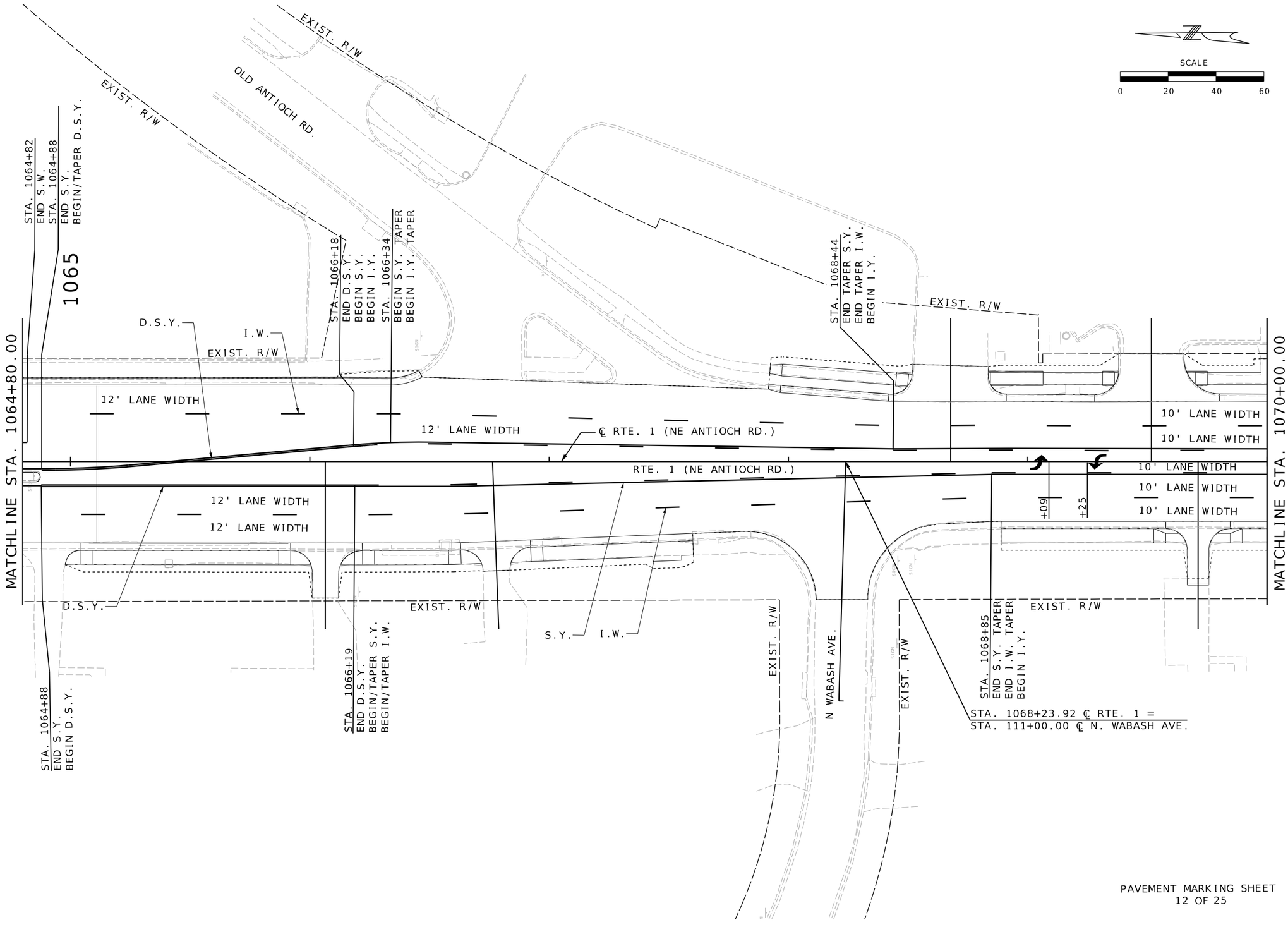
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

268_PM_11_J4S3142_I20_Rte1.dgn 1:34:55 PM 3/3/2025



PAVEMENT MARKING SHEET
12 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	269

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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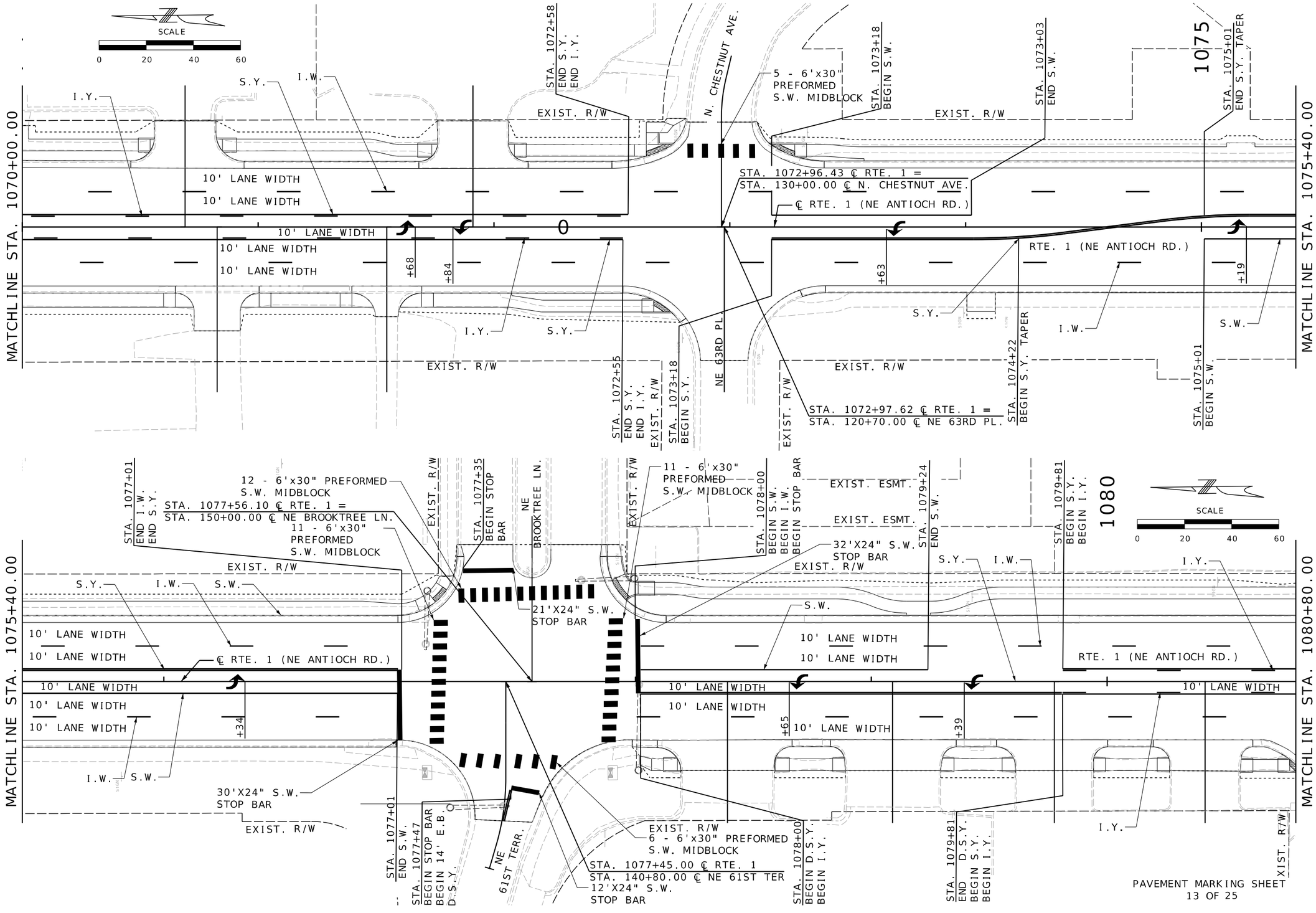
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



PAVEMENT MARKING SHEET
13 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	270

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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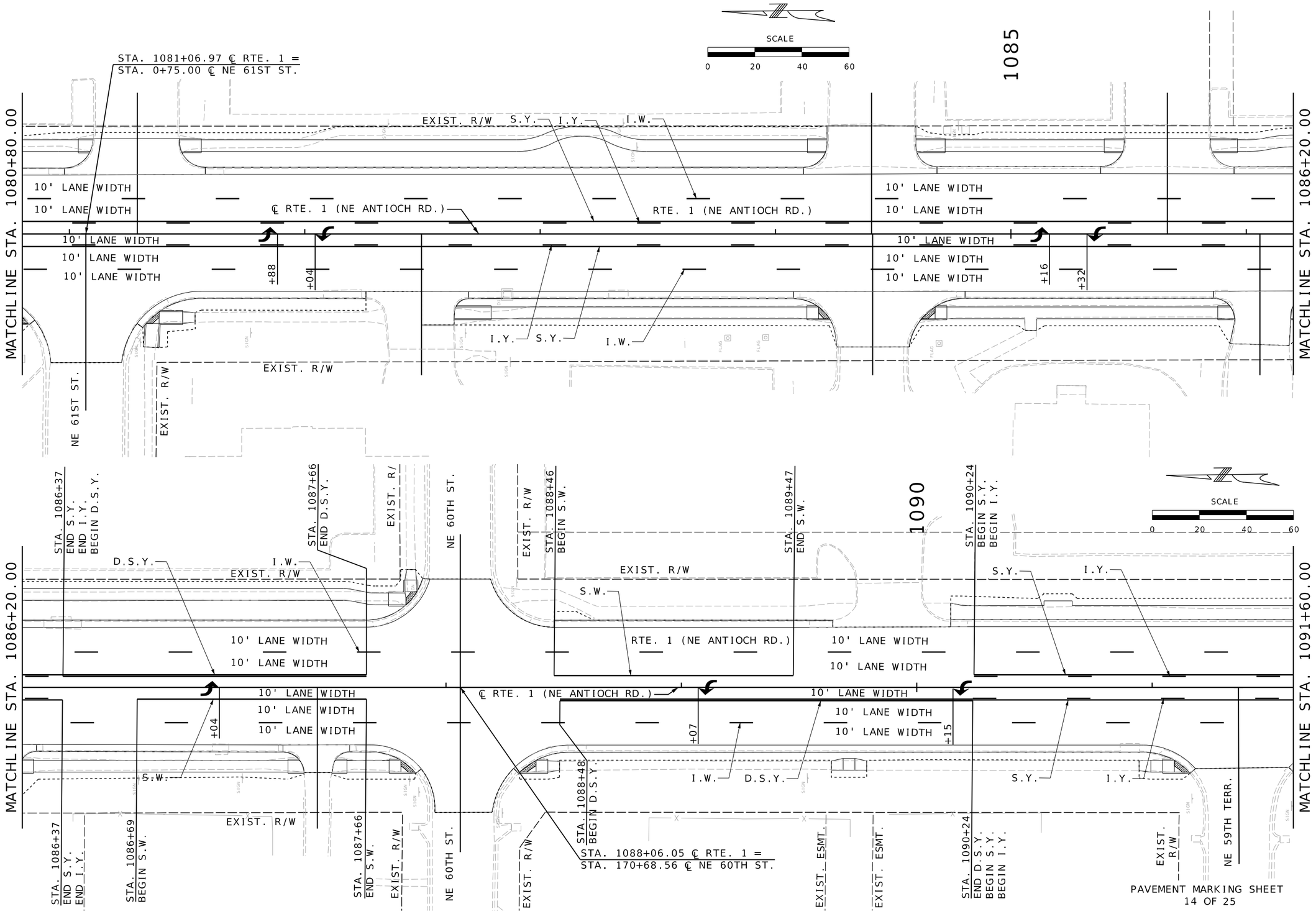
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

270_PM_13_J4S3412_I20_Rte1.dgn 3:02:31 PM 3/28/2025



PAVEMENT MARKING SHEET
14 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	3/28/2025
ROUTE	1
STATE	MO
DISTRICT	KC
SHEET NO.	271
COUNTY	CLAY
JOB NO.	J4S3412
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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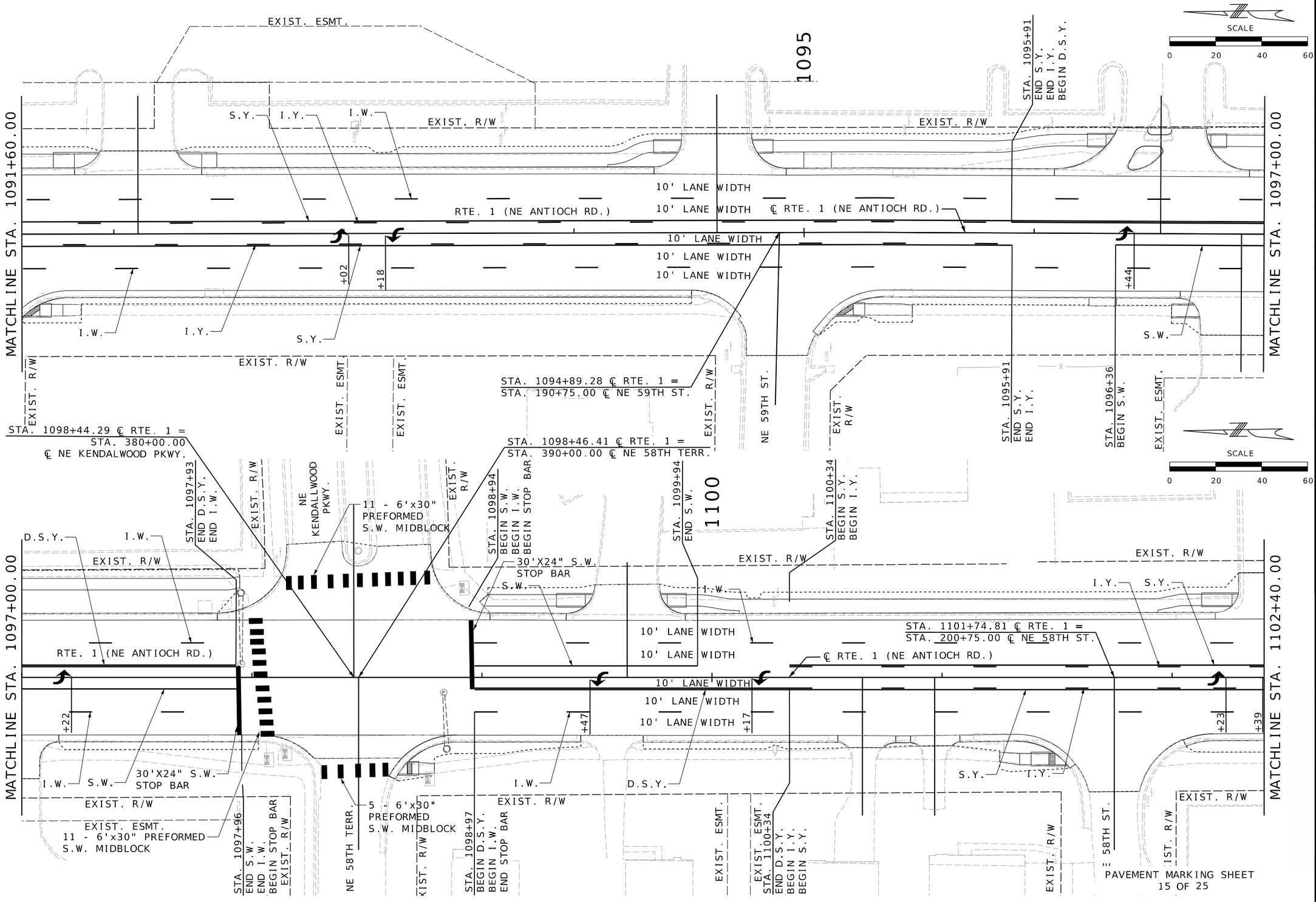
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

271_PM_14_J4S3412_I20_Rte1.dgn 3:03:22 PM 3/28/2025



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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	272

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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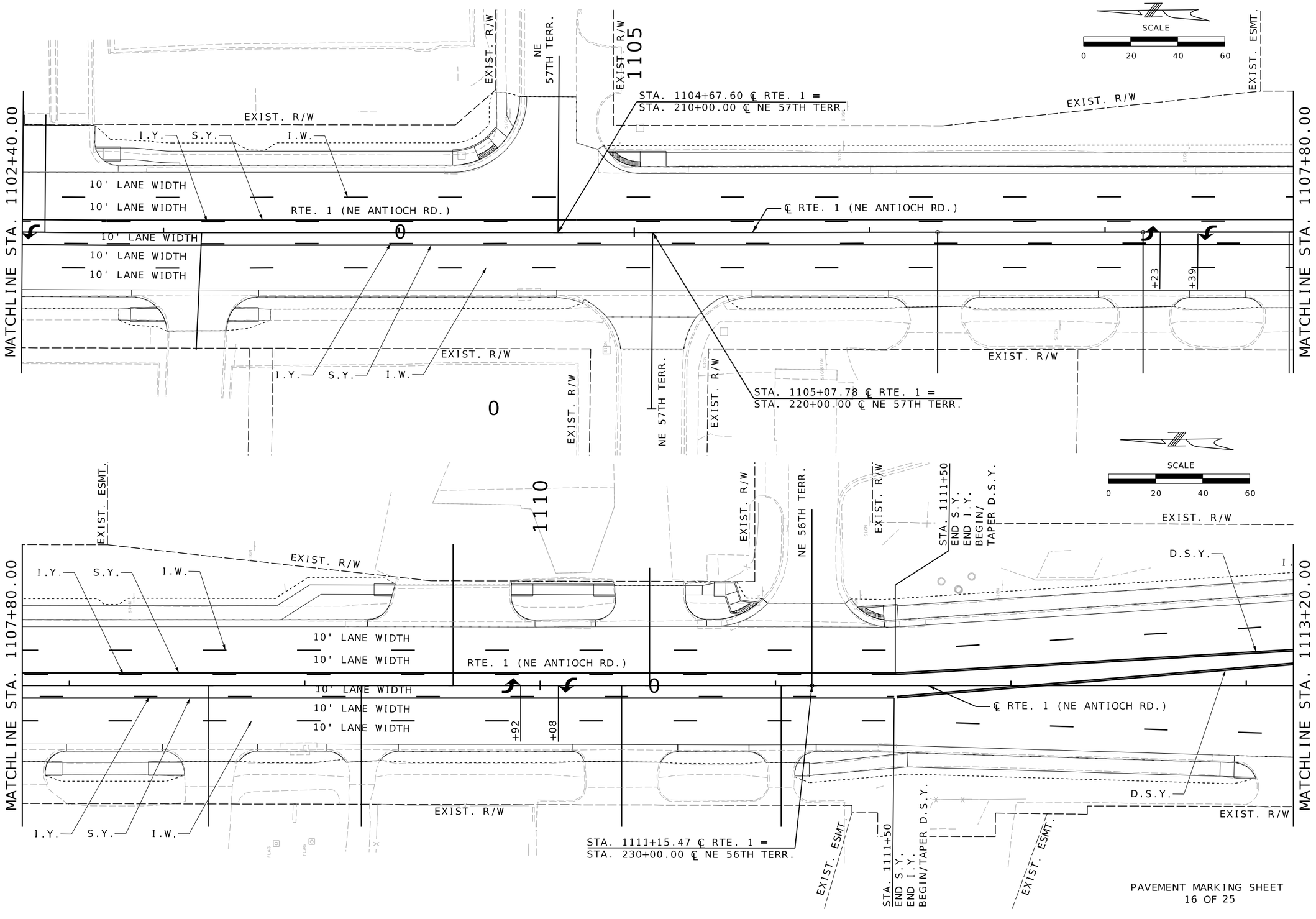
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

272_PM_15_J4S3142_I20_Rte1.dgn 1:37:27 PM 3/3/2025



PAVEMENT MARKING SHEET
16 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	273

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

273_PM_16_J4S3412_I20_Rte1.dgn 3:04:10 PM 3/28/2025

STA. 1115+05.00 ℄ RTE. 1 =
STA. 600+00.00 ℄ NE 56TH ST./NW ENGLEWOOD RD.

MATCHLINE STA. 1113+20.00

MATCHLINE STA. 1118+60.00

MATCHLINE STA. 1118+60.00

MATCHLINE STA. 1124+00.00

1115

1120

NE 56TH ST.

NW ENGLEWOOD RD.

NE CHOUTEAU TRWFY.

EXIST. R/W

10' LANE WIDTH

11' LANE WIDTH

R = 58'

℄ RTE. 1 (NE ANTIOCH RD.)

RTE. 1 (NE ANTIOCH RD.)

SCALE 0 20 40 60

STA. 1113+23 END D.S.Y.
STA. 1113+44 END I.W.
STA. 1113+72 BEGIN S.W.
STA. 1113+72 END/BEGIN D.S.Y. TAPER
STA. 1114+05 END D.S.Y. TAPER
STA. 1114+13 END D.S.Y TAPER
STA. 1114+63 END S.W.
STA. 1114+63 END I.W.
STA. 1114+63 END D.S.Y
STA. 1114+80 BEGIN D.S.Y.
STA. 1114+84 END D.S.Y.
STA. 1114+91 BEGIN S.W.
STA. 1114+97 END S.W.
STA. 1114+94 BEGIN S.W.
STA. 1115+14 END S.W.
STA. 1115+68 BEGIN S.Y.
STA. 1115+68 BEGIN I.W.
STA. 1115+68 BEGIN S.W.
STA. 1115+68 BEGIN STOP BAR

6 - 6'x30" PREFORMED S.W. MIDBLOCK
37'X24" S.W. STOP BAR
16 - 6'x30" PREFORMED S.W. MIDBLOCK
40'X24" S.W. STOP BAR
14'X24" S.W. STOP BAR
6 - 6'x30" PREFORMED S.W. MIDBLOCK
3 - 6'x30" PREFORMED S.W. MIDBLOCK
16'X24" S.W. STOP BAR

+93 +35 +62 +26

D.S.Y. S.W. I.W. S.Y.

STA. 1118+84 END I.W.
STA. 1118+90 END S.Y.
STA. 1118+95 END S.W.
STA. 1119+13 BEGIN STOP BAR
STA. 1119+38 END S.W.
STA. 1119+32 BEGIN S.W.
STA. 1119+44 BEGIN D.S.Y.
STA. 1119+51 END D.S.Y.
STA. 1120+02 BEGIN/TAPER S.Y.
STA. 1120+05 BEGIN/TAPER I.W.
STA. 1120+05 BEGIN/TAPER S.Y.
STA. 1120+05 BEGIN STOP BAR
STA. 1121+86 END S.Y.
STA. 1121+86 BEGIN D.S.Y.
STA. 1122+22 END TAPER/END D.S.Y.
STA. 1122+32 END/D.S.Y.
STA. 1122+32 BEGIN S.Y.
STA. 1122+32 BEGIN I.Y.
STA. 1123+15 END TAPER I.W.
STA. 1123+15 END TAPER S.Y.
STA. 1123+15 END TAPER I.Y.

25'X24" S.W. STOP BAR
5 - 6'x30" PREFORMED S.W. MIDBLOCK
32'X24" S.W. STOP BAR
13 - 6'x30" PREFORMED S.W. MIDBLOCK
33'X24" S.W. STOP BAR
5 - 6'x30" PREFORMED S.W. MIDBLOCK

+92 +08

STA. 1119+13.53 ℄ RTE. 1 =
STA. 610+00.00 ℄ NE CHOUTEAU TRFWY.

PAVEMENT MARKING SHEET
17 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025

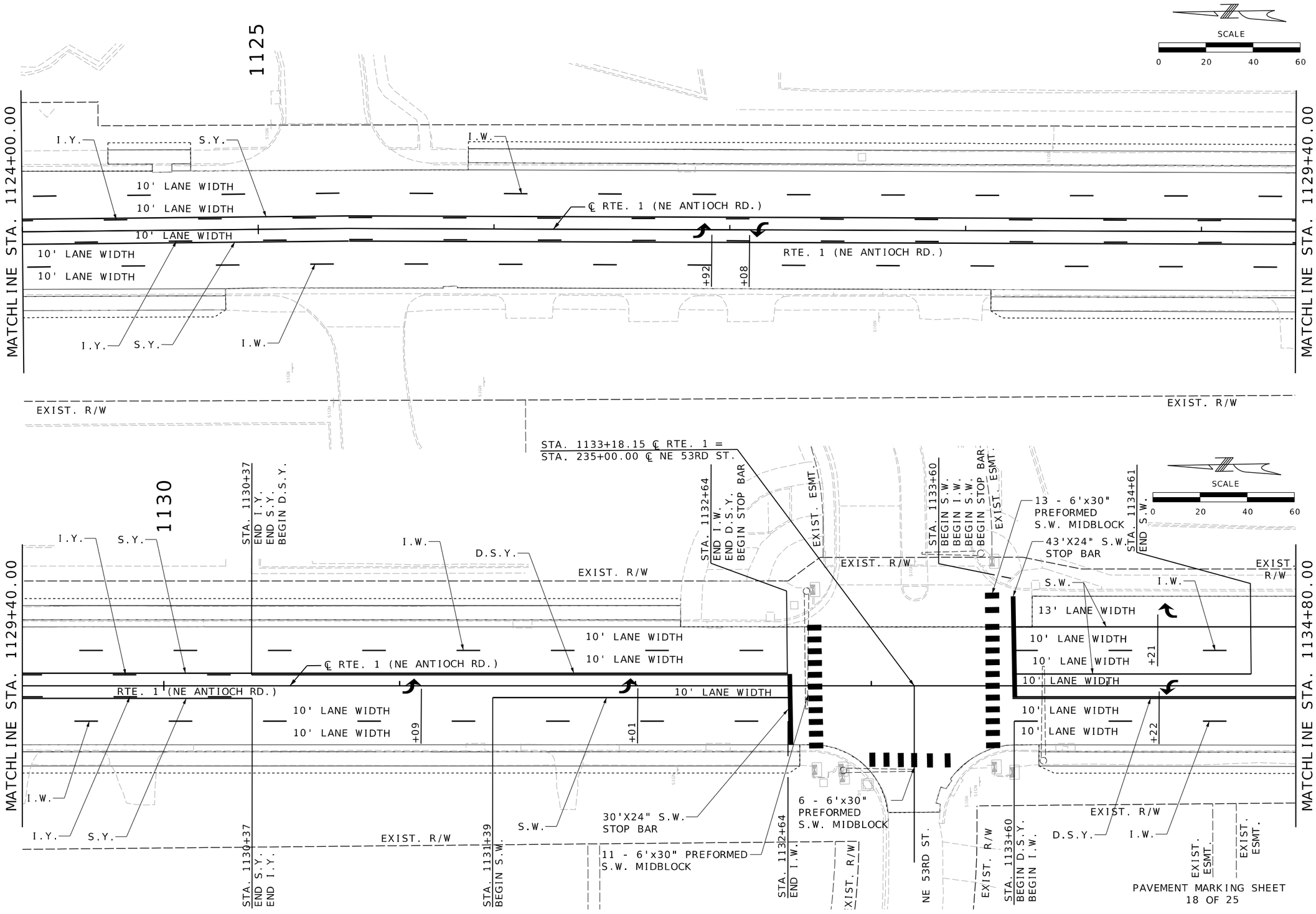
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	274

COUNTY CLAY
JOB NO. J4S3412
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)

Hg CONSULT, INC.
PRO. ENGINEER 2010005873
9111 NE 79th Street Kansas City, MO 64158; (816)913-4720



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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	275

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

1135

STA. 1135+55
END S.W.
BEGIN S.Y.
BEGIN I.Y.

STA. 1135+98.02 ℄ RTE. 1 =
STA. 240+75.00 ℄ NE 52ND TERR.

SCALE
0 20 40 60

STA. 1138+98.45 ℄ RTE. 1 =
STA. 250+70.00 ℄ NE 52ND ST.

1140

MATCHLINE STA. 1134+80.00

S.W. EXIST. R/W I.Y. I.W. S.Y. EXIST. R/W

10' LANE WIDTH
10' LANE WIDTH
+46
10' LANE WIDTH
10' LANE WIDTH
+46

RTE. 1 (NE ANTIOCH RD.)
℄ RTE. 1 (NE ANTIOCH RD.)
10' LANE WIDTH

+62
+78

EXIST. R/W
D.S.Y.
S.Y. I.Y.
EXIST. R/W
I.W.
EXIST. R/W

STA. 1135+55
END D.S.Y.
BEGIN I.Y.
BEGIN S.Y.
EXIST. R/W

NE 52ND TERR.

EXIST. R/W
EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
NE 52ND ST.
EXIST. R/W
EXIST. R/W

MATCHLINE STA. 1140+20.00

EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
EXIST. ESMT.
STA. 1142+45
END I.W.
END S.Y.
END I.Y.
STA. 1144+31
END S.Y.
END I.Y.
BEGIN D.S.Y.

SCALE
0 20 40 60

1145

STA. 1145+22
END D.S.Y.
BEGIN S.Y.

I.Y.
I.W. S.Y. EXIST. R/W
EXIST. R/W

3 - 6'x30"
PREFORMED
S.W. MIDBLOCK

12' LANE WIDTH
12' LANE WIDTH

10' LANE WIDTH
10' LANE WIDTH
℄ RTE. 1 (NE ANTIOCH RD.)
10' LANE WIDTH
10' LANE WIDTH
10' LANE WIDTH

RTE. 1 (NE ANTIOCH RD.)

11.5' LANE WIDTH
11.5' LANE WIDTH
12' LANE WIDTH
+33

EXIST. R/W
S.Y.

MATCHLINE STA. 1145+60.00

EXIST. ESMT.
EXIST. ESMT.
EXIST. R/W
I.W.
S.Y.
I.Y.

STA. 1142+33
BEGIN TAPER I.W.
STA. 1142+45
BEGIN TAPER S.Y.
BEGIN TAPER I.Y.

EXIST. R/W
NE 51ST TERR.
EXIST. R/W

STA. 1144+31
END S.Y.
END I.Y.
BEGIN D.S.Y.
STA. 1144+45
END TAPER I.W.

STA. 1145+22
END D.S.Y.
BEGIN S.Y.
BEGIN S.W.

PAVEMENT MARKING SHEET
19 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	276

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

276_PM_19_J4S3142_I20_Rte1.dgn 1:38:46 PM 3/3/2025

SCALE
0 20 40 60

MATCHLINE STA. 1145+60.00

12' LANE WIDTH
12' LANE WIDTH
11.5' LANE WIDTH
11.5' LANE WIDTH
12' LANE WIDTH
+05

STA. 1146+42
END I.W.
STA. 1146+55
END S.Y.
BEGIN STOP BAR

NE VIVION RD.

3 - 6'x30"
PREFORMED
S.W. MIDBLOCK

26'X24" S.W.
STOP BAR

11 - 6'x30"
PREFORMED
S.W. MIDBLOCK

12'X24" S.W.
STOP BAR
12 - 6'x30"
PREFORMED
S.W. MIDBLOCK
26'X24" S.W.
STOP BAR

EXIST. R/W

STA. 1146+74
END S.W.
END I.W.
BEGIN STOP BAR

STA. 1147+99
BEGIN I.W.
BEGIN S.W.
BEGIN STOP BAR
STA. 1148+20
BEGIN S.Y.
BEGIN STOP BAR

12 - 6'x30"
PREFORMED
S.W. MIDBLOCK

11 - 6'x30"
PREFORMED
S.W. MIDBLOCK

3 - 6'x30"
PREFORMED
S.W. MIDBLOCK

STA. 1148+20
BEGIN S.Y.
STA. 1148+33
BEGIN I.W.

EXIST. R/W

1150

12'X24" S.W.
STOP BAR

℄ RTE. 1 (NE ANTIOCH RD.)

12' LANE WIDTH
11.5' LANE WIDTH
11.5' LANE WIDTH
12' LANE WIDTH
12' LANE WIDTH
+87
+14

RTE. 1 (NE ANTIOCH RD.)

3 - 6'x30"
PREFORMED
S.W. MIDBLOCK

STA. 1150+67
END S.W.
STA. 1150+72
END S.Y.
BEGIN D.S.Y.

STA. 1150+72
END S.Y.
BEGIN D.S.Y.

MATCHLINE STA. 1151+00.00

PAVEMENT MARKING SHEET
20 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	277

COUNTY
CLAY

JOB NO.
J4S3412

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)

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

277_PM_20_J4S3142_I20_Rte1.dgn 1:39:21 PM 3/3/2025

SCALE

0 20 40 60

STA. 1152+05
END D.S.Y.
BEGIN/TAPER S.Y.
BEGIN/TAPER I.Y.
BEGIN TAPER I.W.

STA. 1153+40
END TAPER I.W.
END TAPER S.Y.
END TAPER I.Y.

STA. 1154+69.68 ℄ RTE. 1 =
STA. 260+75.00 ℄ NE 50TH ST.

EXIST. R/W

1155 NE 50TH ST.

STA. 1155+05.01 ℄ RTE. 1 =
STA. 270+00.00 ℄ NE 50TH ST.

EXIST. R/W

STA. 1151+00.00

MATCHLINE STA. 1151+00.00

EXIST. R/W

12' LANE WIDTH

11.5' LANE WIDTH

I.Y.

I.W.

℄ RTE. 1 (NE ANTIOCH RD.)

S.Y.

10' LANE WIDTH

10' LANE WIDTH

10' LANE WIDTH

10' LANE WIDTH

10' LANE WIDTH

+74

+90

+07

12' LANE WIDTH

12' LANE WIDTH

11' LANE WIDTH

RTE. 1 (NE ANTIOCH RD.)

I.W.

EXIST. R/W

S.Y.

EXIST. R/W

I.Y.

EXIST. R/W

EXIST. R/W

NE PENCE AVE.

STA. 1156+40.00

MATCHLINE STA. 1156+40.00

STA. 1151+30
BEGIN S.W.
BEGIN
D.S.Y. TAPER

STA. 1152+05
END D.S.Y.
BEGIN/TAPER I.Y.
BEGIN/TAPER S.Y.

STA. 1152+27
END S.W.

STA. 1153+75
END TAPER I.Y.
END TAPER S.Y.

PAVEMENT MARRKING SHEET
21 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	278

COUNTY
CLAY

JOB NO.
J4S3412

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)

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PRO. ENGINEER 2010005873

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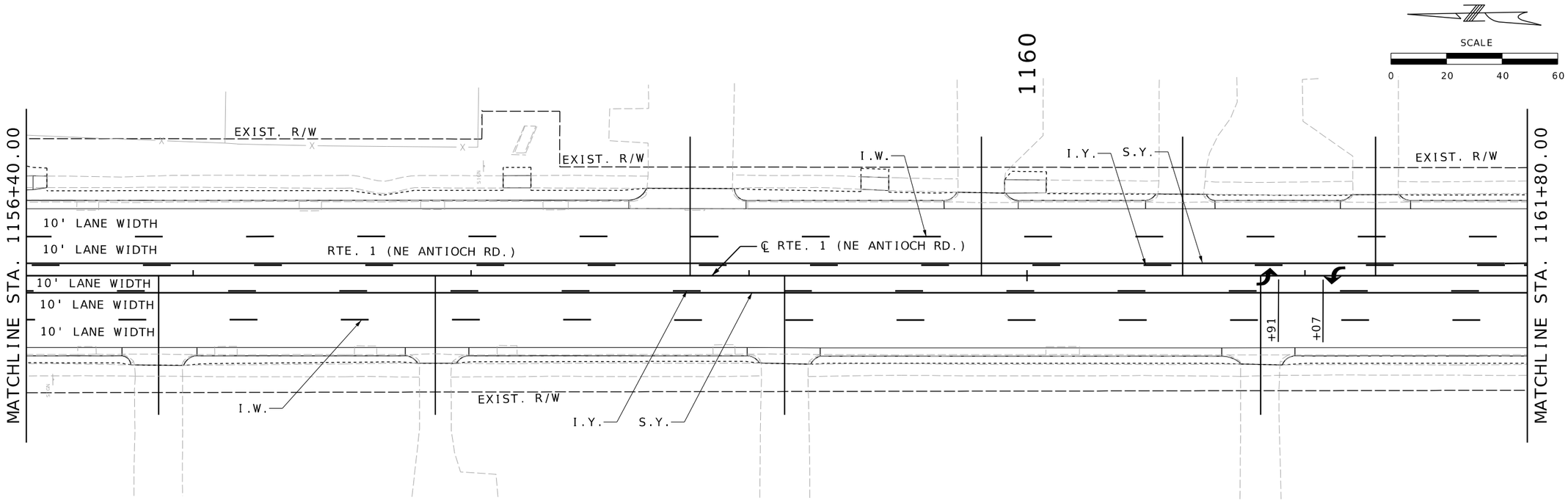

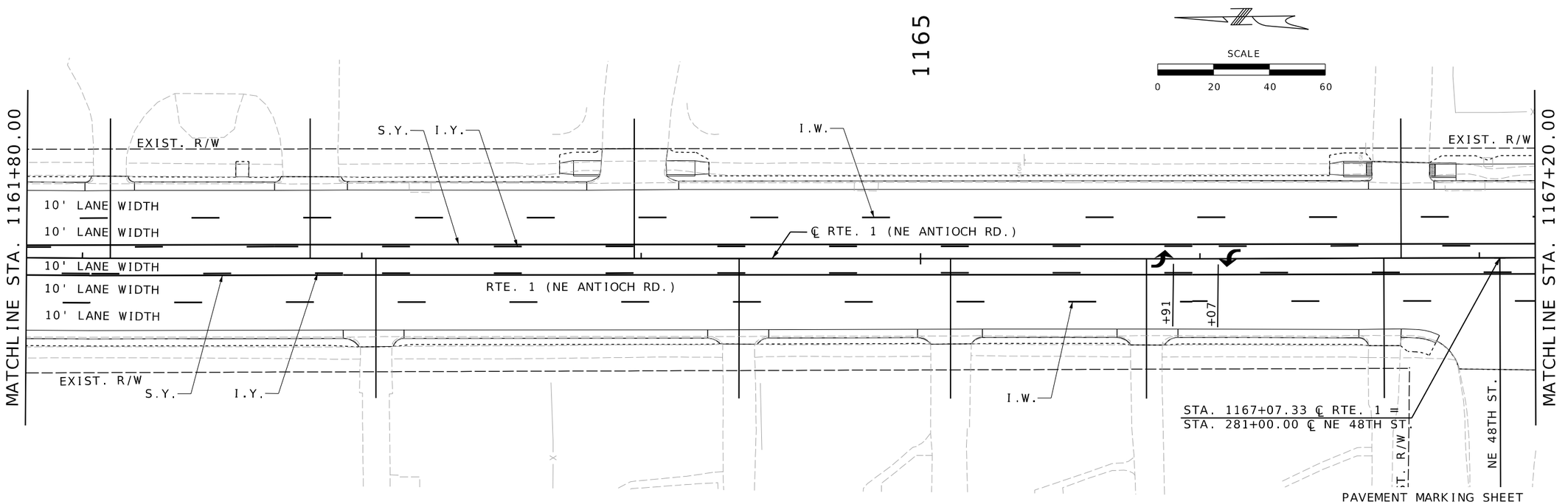

PAVEMENT MARKING SHEET
22 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/28/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	279

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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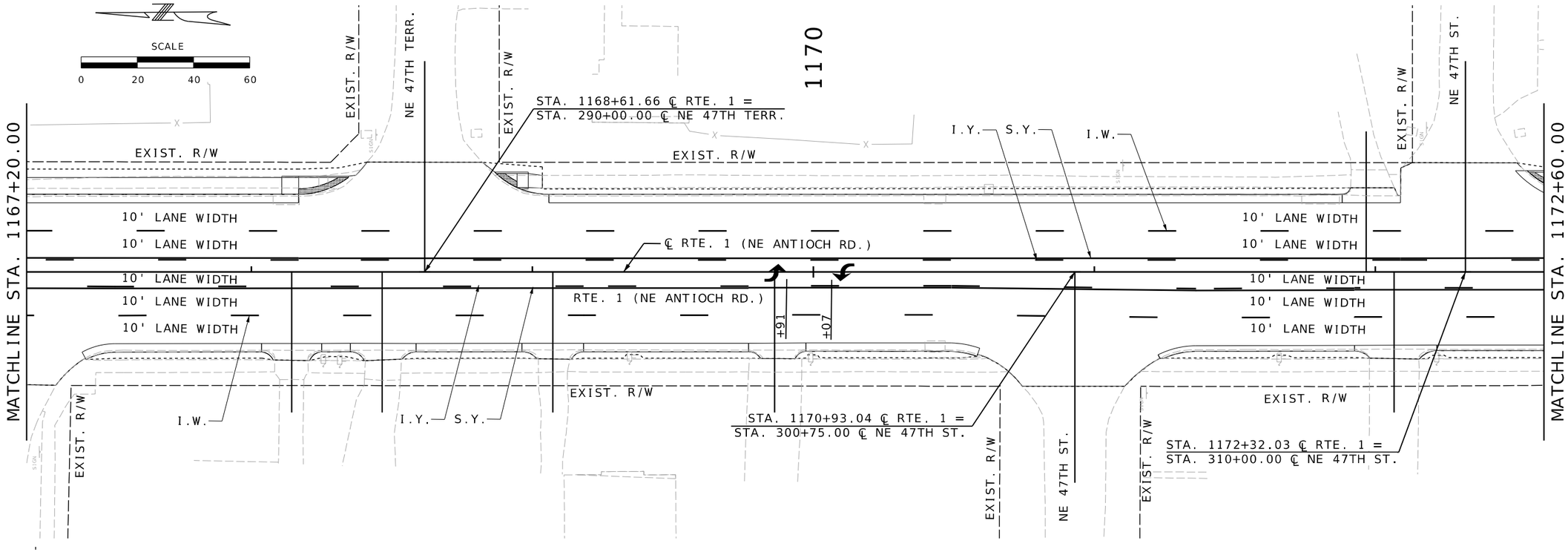
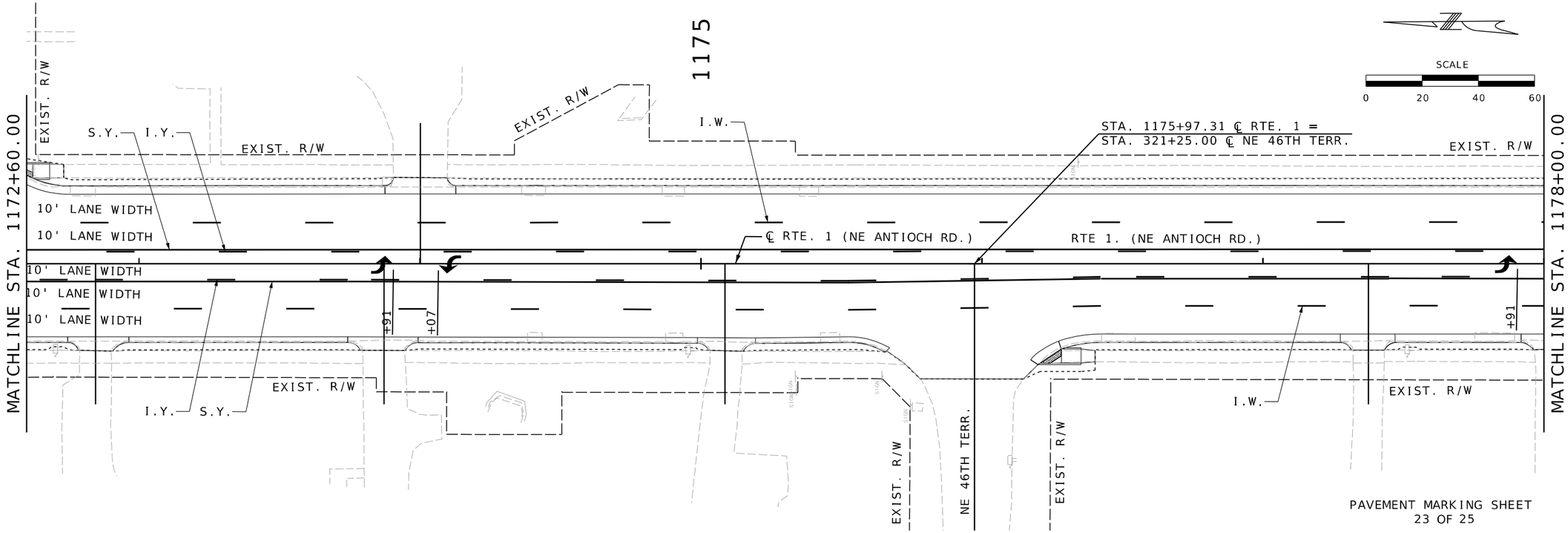
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

279_PM_22_J4S3412_I20_Rte1.dgn 3:04:34 PM 3/28/2025





PAVEMENT MARKING SHEET
23 OF 25

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	280

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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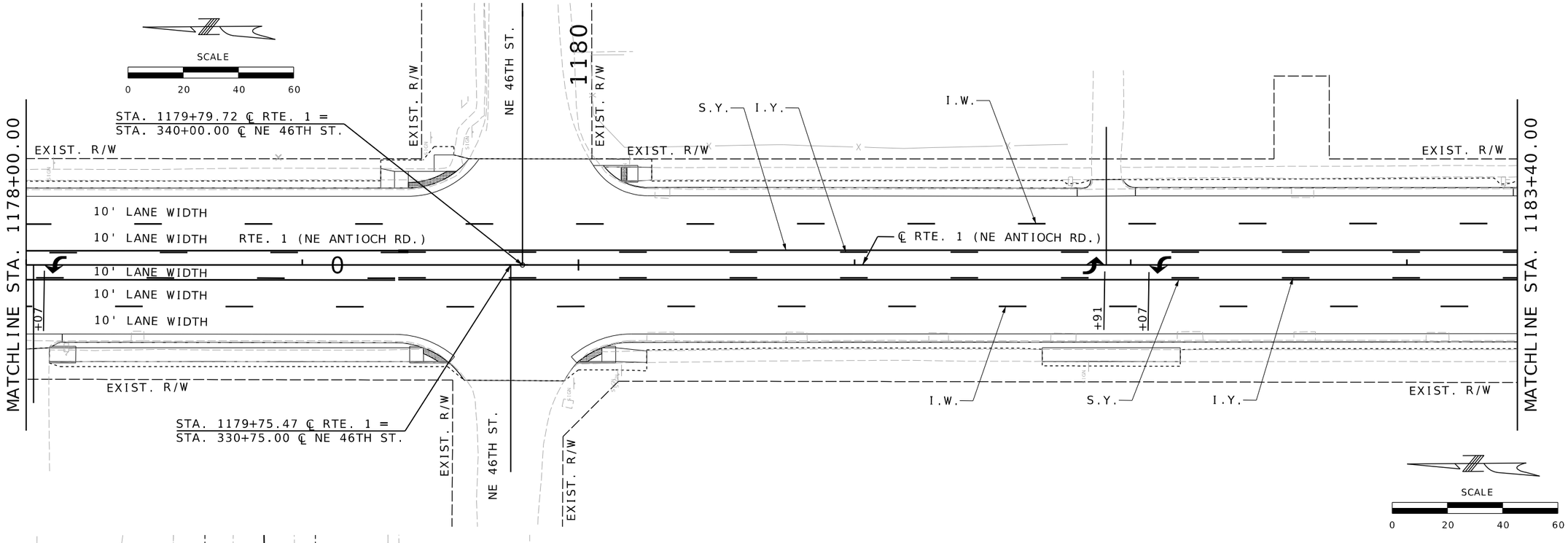
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

280_PM_23_J4S3142_I20_Rte1.dgn 1:41:02 PM 3/3/2025



PAVEMENT MARKING SHEET
24 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	281

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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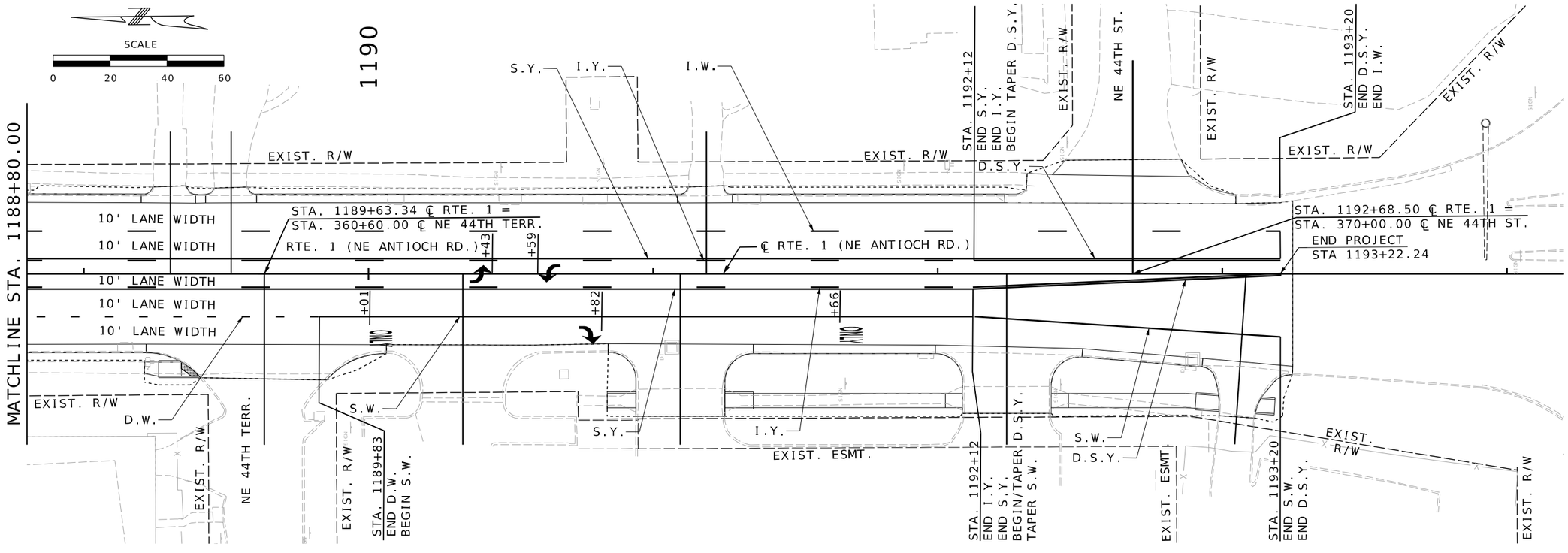
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

281_PM_24_J4S3142_I20_Rte1.dgn 1:41:21 PM 3/3/2025



PAVEMENT MARKING SHEET
25 OF 25

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	282

COUNTY
CLAY

JOB NO.
J4S3412

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

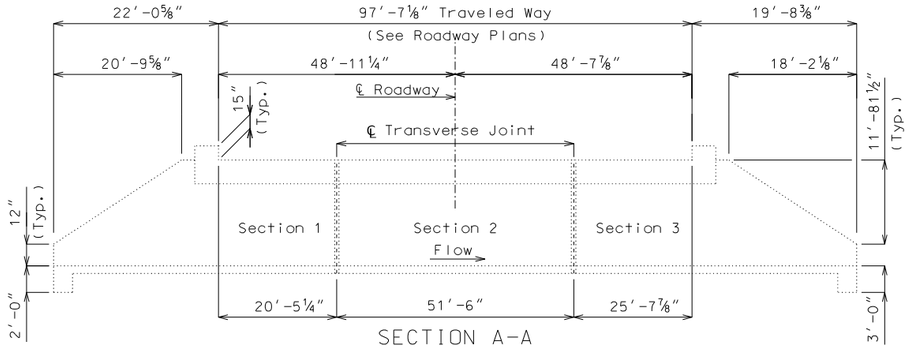
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

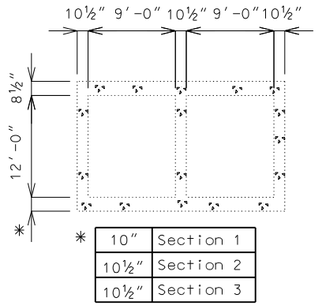
Hg CONSULT, INC.
PRO. ENGINEER 2010005873

U.I.P. AND REHABILITATE EXISTING 2(9' x 12') REINFORCED CONCRETE BOX CULVERT

SEC/SUR 24 TWP 51N RGE 33W



SECTION A-A
(Dimensions are along ℄ wall)



* 10"	Section 1
10½"	Section 2
10½"	Section 3

SECTON THRU BOX
(Normal to ℄ Structure)

General Notes:

Design Unit Stresses:
Class B-1 Concrete (Culvert) f'c = 4.000 psi
Reinforcing Steel (Grade 60) fy = 60.000 psi

Reinforcing Steel:
Minumum clearance to reinforcing steel shall be 1½" unless otherwise shown.

Traffic Handling:
Traffic to be maintained on existing structure during construction. See roadway plans for traffic control.

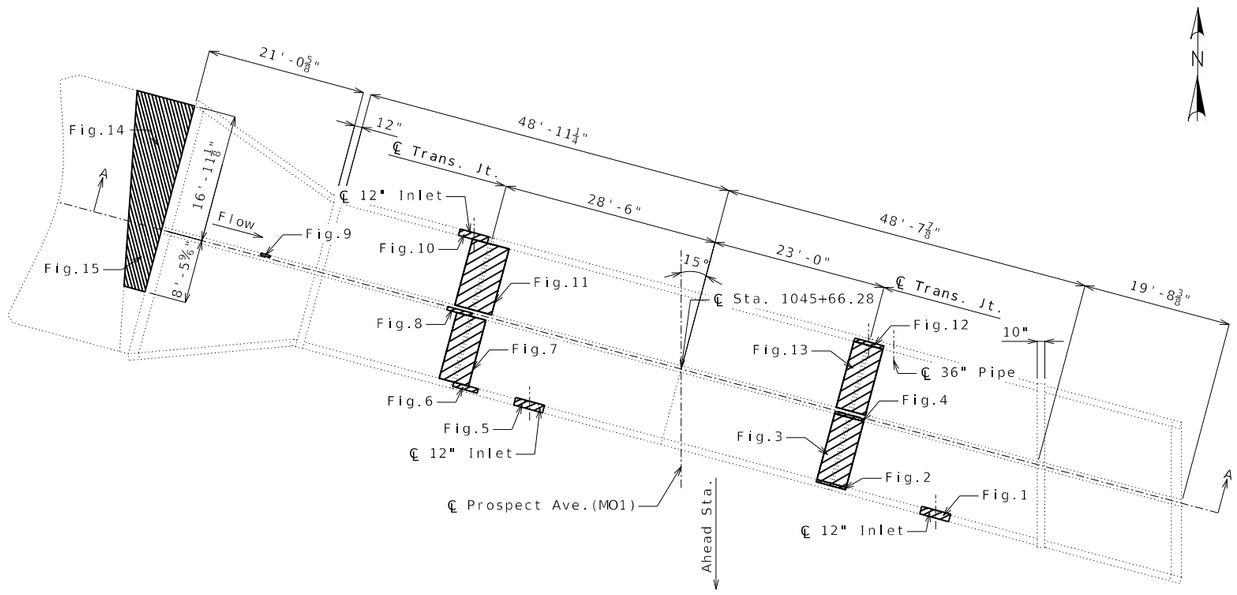
Miscellaneous:
Outline of existing work is indicated by light dashed lines. Heavy lines with hatching indicate repair work.

Contractor shall verify all dimensions in field before ordering new material.

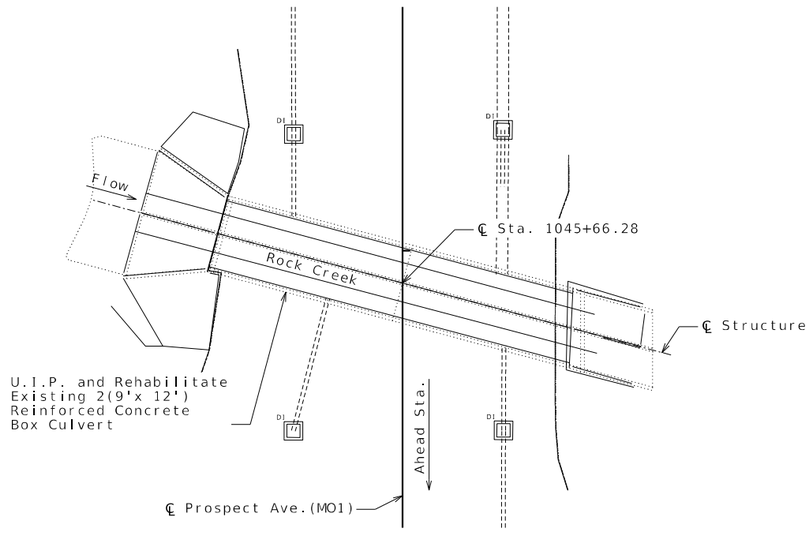
The top of rock lining shall be flush with the top of bottom slab of concrete box culvert apron.

Payment for material and incidental work necessary to removal and replace existing reinforcing will be considered completely covered by contract unit price per square foot of Substructure Repair (Unformed).

Estimated Quantities		Total
Dewatering	lump sum	1
Substructure Repair (Unformed)	sq. foot	145
Cleaning and Epoxy Coating	sq. foot	216
Rock Lining	cu. yd	10
Removal of Paved Ditch	sq. foot	127



PLAN



LOCATION SKETCH

℄ STRUCTURE STA. 1045+66.28

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

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 283
COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A3773

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

Designed Jan. 2025
Detailed Jan. 2025
Checked Jan. 2025

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

283_CS_01_J4S3412_I10_Rte1.dgn 3:24:56 PM 3/3/2025

TYPICAL SECTION SHOWING TYPE OF REPAIR

Notes:

Hatching indicates those portions of the existing culvert which are to be repaired. Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

FIGURE 1 (SOUTH CELL EXTERIOR WALL)

FIGURE 2 (SOUTH CELL EXTERIOR WALL EAST CONSTRUCTION JOINT)

Designed Jan. 2025
Detailed Jan. 2025
Checked Jan. 2025

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

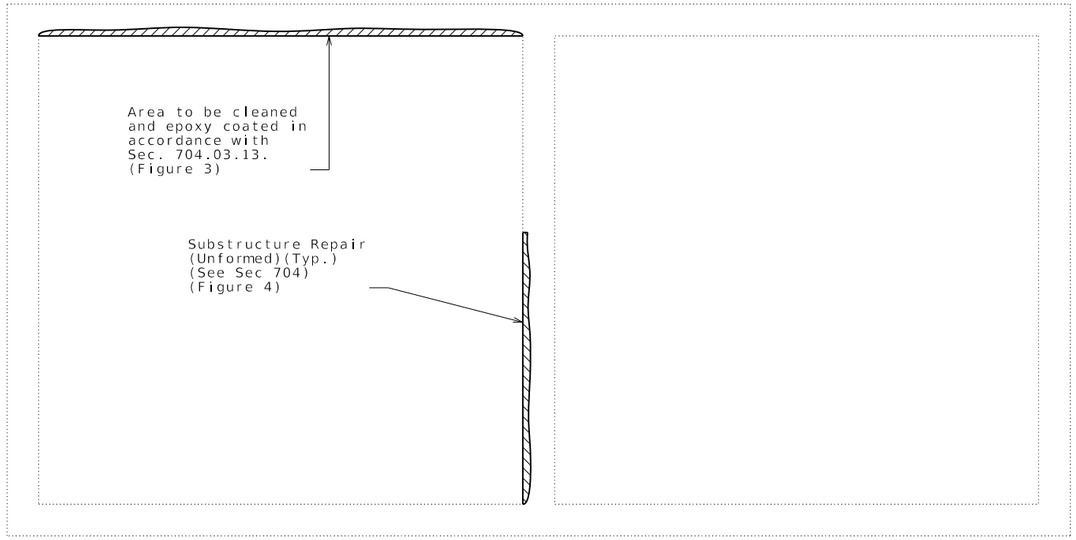
STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2025
ROUTE 1 | STATE MO
DISTRICT KC | SHEET NO. 284
COUNTY CLAY
JOB NO. J4S3412
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A3773

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



TYPICAL SECTION SHOWING TYPE OF REPAIR

Notes:

Hatching indicates those portions of the existing culvert which are to be repaired.Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

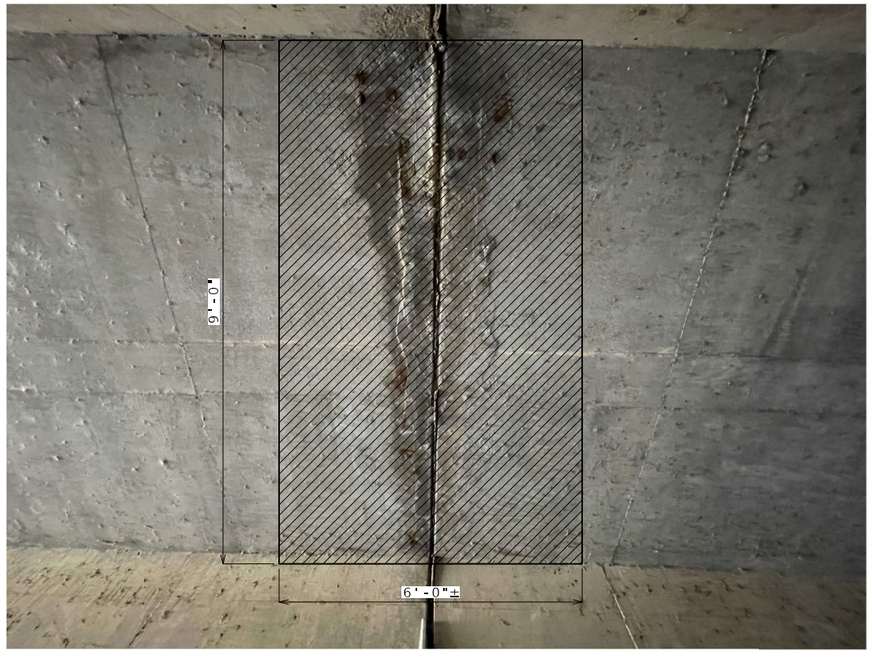


FIGURE 3 (SOUTH CELL TOP SLAB EAST CONSTRUCTION JOINT)

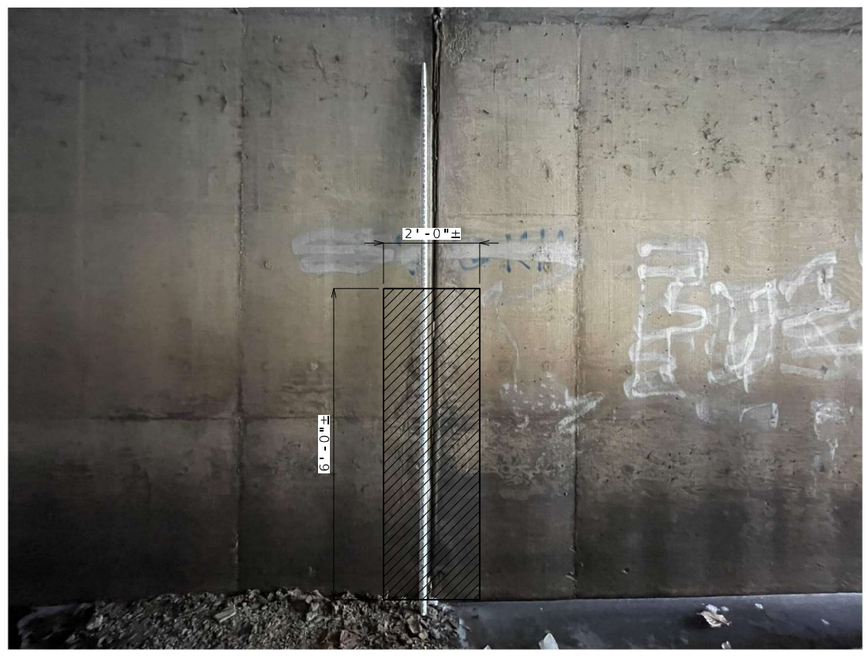


FIGURE 4 (SOUTH CELL INTERIOR WALL EAST CONSTRUCTION JONT)

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

DATE PREPARED 3/3/2025

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	285

COUNTY CLAY

JOB NO. J4S3412

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A3773

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

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Detailed Jan. 2025
Checked Jan. 2025

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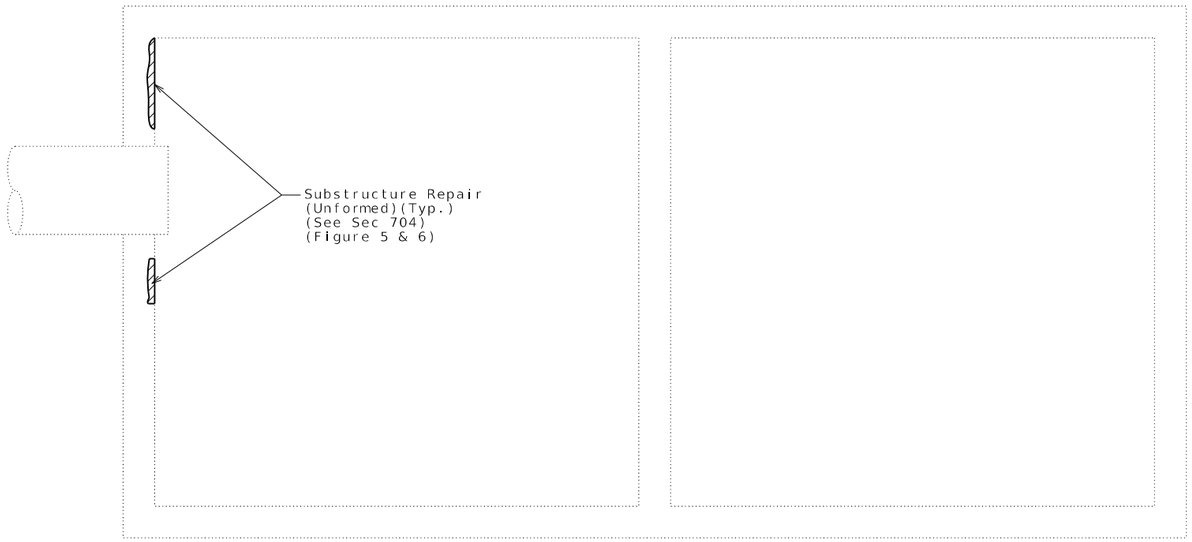

TYPICAL SECTION SHOWING TYPE OF REPAIR

Notes:

Hatching indicates those portions of the existing culvert which are to be repaired.Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

FIGURE 5 (SOUTH CELL EXTERIOR WALL)

FIGURE 6 (SOUTH CELL EXTERIOR WALL WEST CONSTRUCTION JOINT)

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JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
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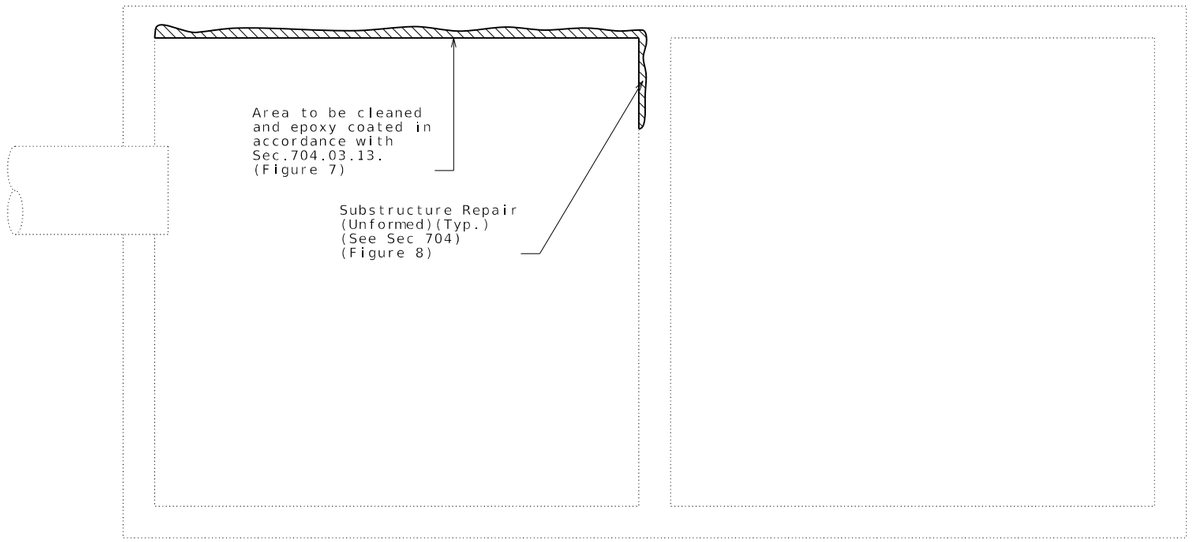

TYPICAL SECTION SHOWING TYPE OF REPAIR

Notes:

Hatching indicates those portions of the existing culvert which are to be repaired.Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

FIGURE 7 (SOUTH CELL TOP SLAB WEST CONSTRUCTION JOINT)

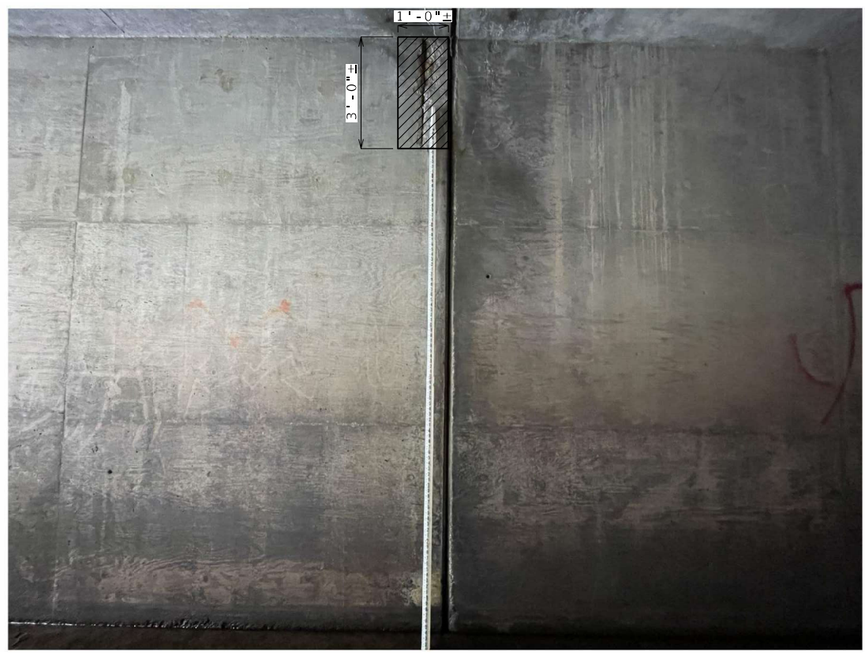

FIGURE 8 (SOUTH CELL INTERIOR WALL WEST CONSTRUCTION JOINT)

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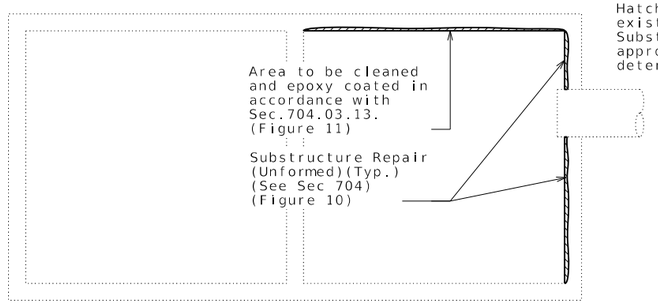
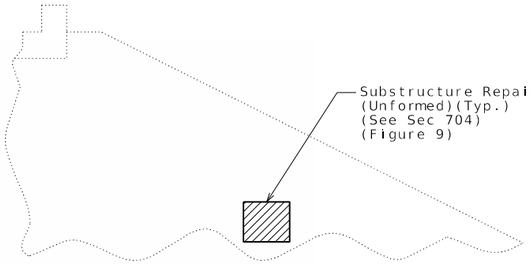
FIGURE 9 (NORTH CELL INTERIOR WING WALL)

FIGURE 10 (NORTH CELL EXTERIOR WALL NEAR WEST CONSTRUCTION JOINT)



TYPICAL SECTION SHOWING TYPE OF REPAIR



Notes:

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FIGURE 11 (NORTH CELL TOP WALL AT WEST CONSTRUCTION JOINT)

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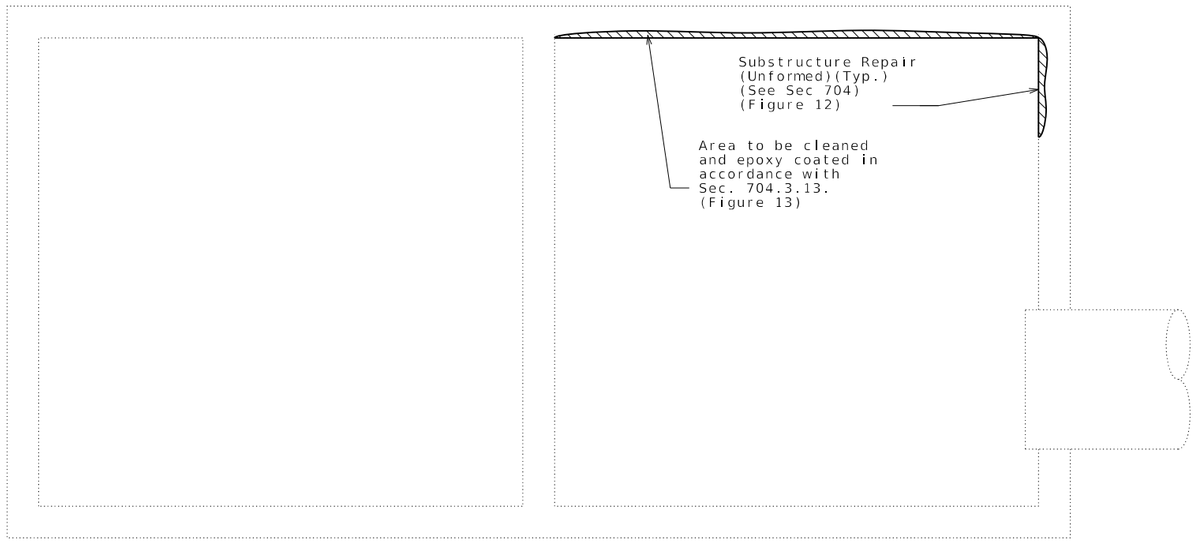

TYPICAL SECTION SHOWING TYPE OF REPAIR

Notes:

Hatching indicates those portions of the existing culvert which are to be repaired.Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

FIGURE 12 (NORTH CELL EXTERIOR WALL EAST CONSTRUCTION JOINT)

FIGURE 13 (NORTH CELL TOP SLAB EAST CONSTRUCTION JOINT)

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FIGURE 14 (NORTH SIDE OF UPSTREAM WEIR)

FIGURE 15 (SOUTH SIDE OF UPSTREAM WEIR)

Notes:

Hatching indicates the Removal of Paved Ditch in the upstream weir which is to be replaced with Rock Lining (2'-0" depth) in accordance with Sec.609.70.

Saw cut required for Removal of Paved Ditch shall be considered completely covered by the contract unit price for Removal of Paved Ditch.

Substructure repair dimensions shown are approximate. Area to be repaired shall be determined in the field by the Engineer.

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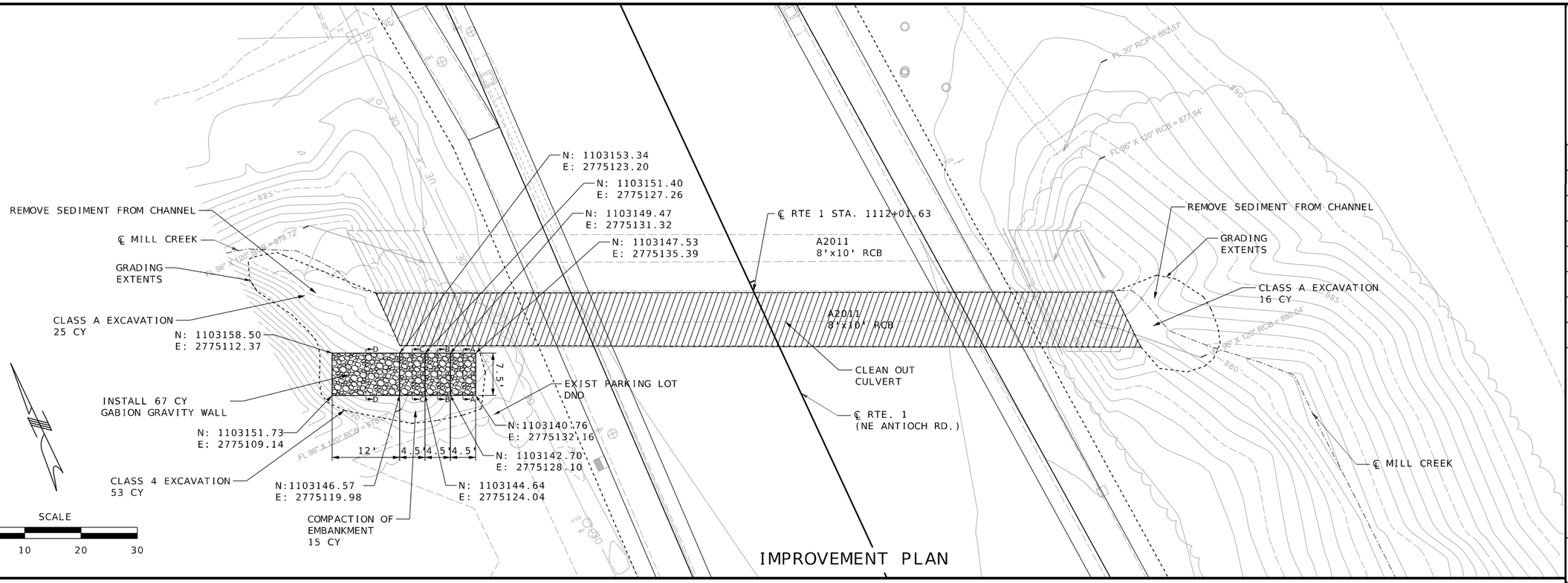
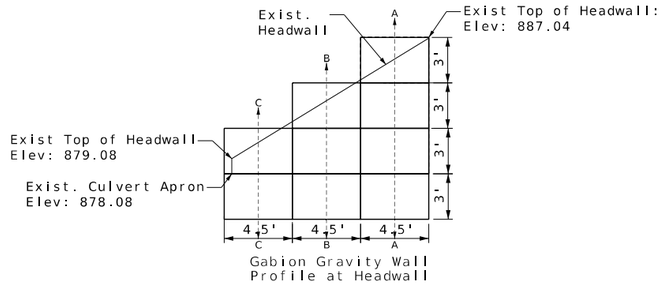




Gabion Gravity Wall Profile at Headwall

NOTES:

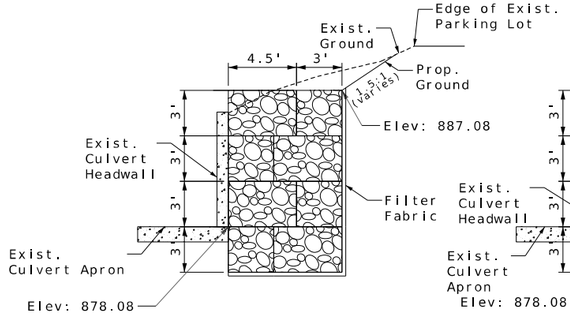
1. GABION BASKETS SHALL CONFORM TO SECTION 611.70 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND ASTM A975 TYPE 3 SPECIFICATIONS (DOUBLE TWISTED HEXAGONAL MESH GABION WITH PVC COATING).

2. FILTER FABRIC SHALL BE AASHTO CLASS 1 NON-WOVEN FABRIC.

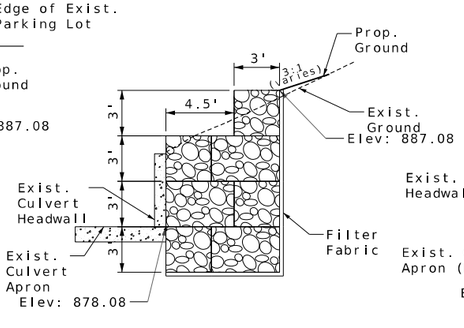
3. CONTRACTOR SHALL MINIMIZE OVER-EXCAVATION OF SLOPE FOR PLACEMENT OF GABION BASKETS.

4. SEDIMENT REMOVED FROM CHANNEL AND CULVERT INVERT SHALL BE DISPOSED OF AT CONTRACTOR'S EXPENSE.

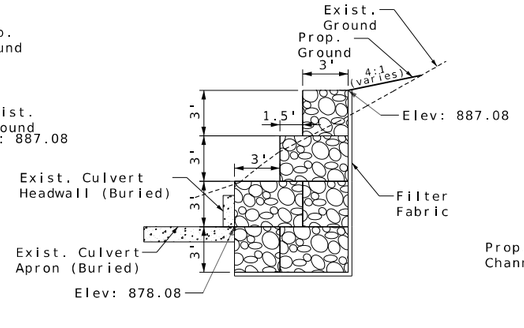
5. CLASS 4 EXCAVATION MAY BE USED FOR COMPACTION OF EMBANKMENT BEHIND GABION BASKETS AFTER INSTALLATION OF GABION GRAVITY WALL.



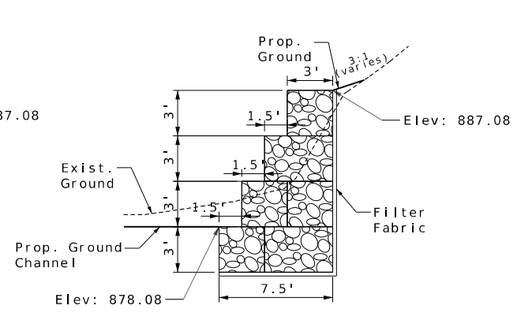
Section A-A



Section B-B



Section C-C



Section D-D

GABION GRAVITY WALL DETAIL

NOT TO SCALE

STATE OF MISSOURI
JASON M. KEMNITZ
NUMBER PE-2011005051
PROFESSIONAL ENGINEER
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